

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054777.D
 Acq On : 29 Mar 2019 18:25
 Operator : JC/SP
 Sample : VN0329MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 30 21:45:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	427703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	720257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	615027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	260891	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	309879	53.75	ug/l	0.00
Spiked Amount			Recovery	=	107.50%	
35) Dibromofluoromethane	7.59	113	240566	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
50) Toluene-d8	10.09	98	882305	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.40	95	293307	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	88244	20.397	ug/l	97
3) Chloromethane	2.06	50	120821	20.198	ug/l	100
4) Vinyl Chloride	2.19	62	106854	19.892	ug/l	98
5) Bromomethane	2.57	94	62524	20.892	ug/l	96
6) Chloroethane	2.71	64	59170	19.726	ug/l	99
7) Trichlorofluoromethane	3.02	101	133112	20.156	ug/l	100
8) Diethyl Ether	3.41	74	45344	21.323	ug/l	68
9) 1,1,2-Trichlorotrifluoroet	3.75	101	69004	19.848	ug/l	95
10) Methyl Iodide	3.94	142	97345	20.453	ug/l #	88
11) Tert butyl alcohol	4.83	59	38525	128.247	ug/l	98
12) 1,1-Dichloroethene	3.73	96	69086	20.549	ug/l #	75
13) Acrolein	3.61	56	29145	108.528	ug/l	96
14) Allyl chloride	4.32	41	166070	20.054	ug/l #	90
15) Acrylonitrile	5.00	53	197073	118.029	ug/l	99
16) Acetone	3.82	43	146200	106.336	ug/l #	81
17) Carbon Disulfide	4.04	76	199908	18.333	ug/l	98
18) Methyl Acetate	4.33	43	85680	23.437	ug/l #	89
19) Methyl tert-butyl Ether	5.05	73	259524	22.068	ug/l	97
20) Methylene Chloride	4.54	84	101963	21.024	ug/l #	85
21) trans-1,2-Dichloroethene	5.03	96	88850	20.120	ug/l	87
22) Diisopropyl ether	5.96	45	350067	21.374	ug/l #	93
23) Vinyl Acetate	5.90	43	1263041	110.814	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	186483	21.344	ug/l	97
25) 2-Butanone	6.85	43	244560	120.334	ug/l #	88
26) 2,2-Dichloropropane	6.82	77	119944	19.587	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	106399	21.329	ug/l	88
28) Bromochloromethane	7.19	49	99001	22.661	ug/l #	69
29) Tetrahydrofuran	7.22	42	168436	119.326	ug/l #	83
30) Chloroform	7.37	83	177739	21.335	ug/l	99
31) Cyclohexane	7.65	56	178830	21.280	ug/l	87
32) 1,1,1-Trichloroethane	7.57	97	144646	20.951	ug/l	94
36) 1,1-Dichloropropene	7.79	75	130154	19.393	ug/l	97
37) Ethyl Acetate	6.94	43	111077	22.569	ug/l #	96
38) Carbon Tetrachloride	7.77	117	123203	18.900	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054777.D
 Acq On : 29 Mar 2019 18:25
 Operator : JC/SP
 Sample : VN0329MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 30 21:45:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	142888	19.366	ug/l	89
40) Benzene	8.04	78	394893	20.563	ug/l	99
41) Methacrylonitrile	7.18	41	50969	18.435	ug/l	97
42) 1,2-Dichloroethane	8.13	62	143375	20.909	ug/l	97
43) Isopropyl Acetate	8.17	43	178040	22.263	ug/l #	92
44) Trichloroethene	8.84	130	104102	20.883	ug/l	94
45) 1,2-Dichloropropane	9.12	63	111164	20.301	ug/l	97
46) Dibromomethane	9.21	93	65326	21.207	ug/l	87
47) Bromodichloromethane	9.40	83	130344	20.360	ug/l	97
48) Methyl methacrylate	9.20	41	92626	21.367	ug/l #	85
49) 1,4-Dioxane	9.20	88	19905	462.773	ug/l #	82
51) 4-Methyl-2-Pentanone	9.99	43	522803	116.279	ug/l	93
52) Toluene	10.16	92	232010	20.304	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	117540	19.518	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	143850	19.997	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	89030	20.953	ug/l	93
56) Ethyl methacrylate	10.43	69	115055	20.642	ug/l #	84
57) 1,3-Dichloropropane	10.71	76	157639	21.580	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	229234	101.875	ug/l #	88
59) 2-Hexanone	10.75	43	321367	111.655	ug/l	91
60) Dibromochloromethane	10.90	129	89424	20.776	ug/l	98
61) 1,2-Dibromoethane	11.01	107	84832	20.892	ug/l	98
64) Tetrachloroethene	10.63	164	98559	20.883	ug/l	96
65) Chlorobenzene	11.43	112	241726	20.074	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	91490	20.299	ug/l	99
67) Ethyl Benzene	11.51	91	440917	20.291	ug/l	97
68) m/p-Xylenes	11.62	106	327105	40.678	ug/l	95
69) o-Xylene	11.95	106	159760	20.260	ug/l	94
70) Styrene	11.97	104	264436	20.974	ug/l	97
71) Bromoform	12.13	173	52914	20.040	ug/l #	99
73) Isopropylbenzene	12.25	105	421597	19.771	ug/l	97
74) N-amyl acetate	12.07	43	138496	20.847	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	110868	22.648	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	129311	28.531	ug/l #	100
77) Bromobenzene	12.53	156	103247	20.062	ug/l	84
78) n-propylbenzene	12.59	91	468463	19.988	ug/l	96
79) 2-Chlorotoluene	12.67	91	289031	19.933	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	350327	20.022	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	20577	17.660	ug/l #	74
82) 4-Chlorotoluene	12.77	91	281231	19.968	ug/l	94
83) tert-Butylbenzene	12.99	119	297922	20.755	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	342722	20.560	ug/l	97
85) sec-Butylbenzene	13.17	105	376011	19.782	ug/l	98
86) p-Isopropyltoluene	13.29	119	328501	19.595	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	168438	19.548	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	165161	19.543	ug/l	97
89) n-Butylbenzene	13.62	91	255998	18.716	ug/l	96
90) Hexachloroethane	13.87	117	49685	17.456	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	169515	19.493	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15882	21.786	ug/l	83

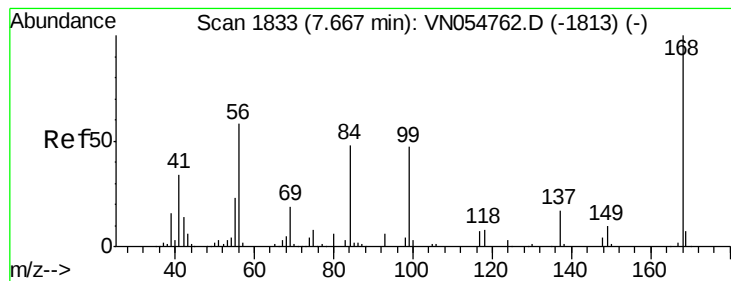
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032919\
Data File : VN054777.D
Acq On : 29 Mar 2019 18:25
Operator : JC/SP
Sample : VN0329MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 30 21:45:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	73899	17.627	ug/l	99
94) Hexachlorobutadiene	15.01	225	50393	18.992	ug/l	98
95) Naphthalene	15.13	128	176258	18.745	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	78383	18.513	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

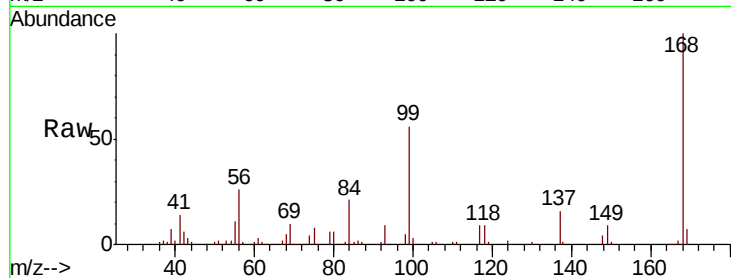
ClientSampleId :

Tot Ion:168 Resp: 427703

Ion Ratio Lower Upper

168 100

99 54.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

150000

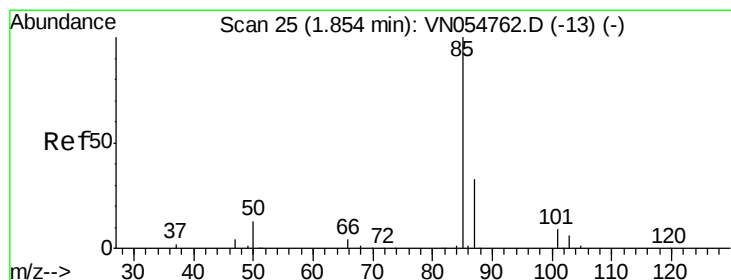
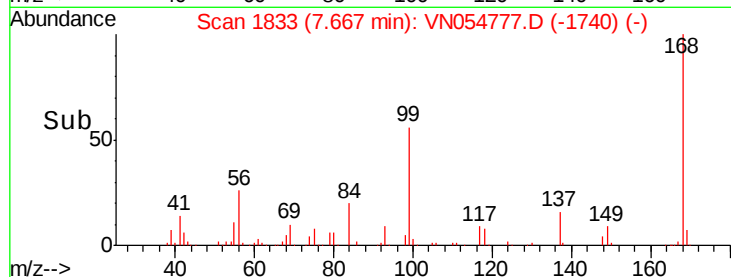
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.397 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN054777.D

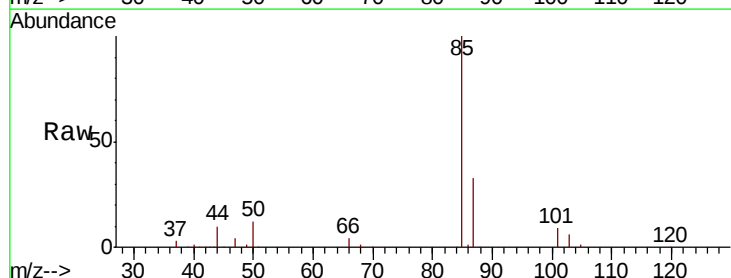
Acq: 29 Mar 2019 18:25

Tgt Ion: 85 Resp: 88244

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

60000

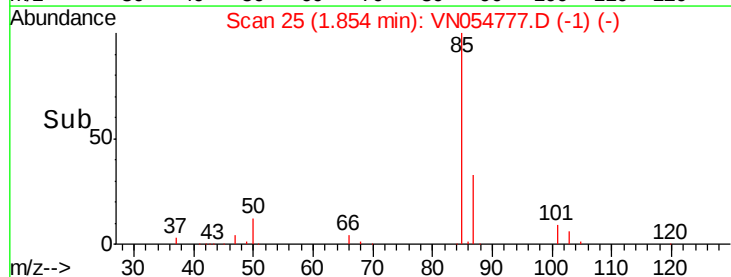
40000

20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.198 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

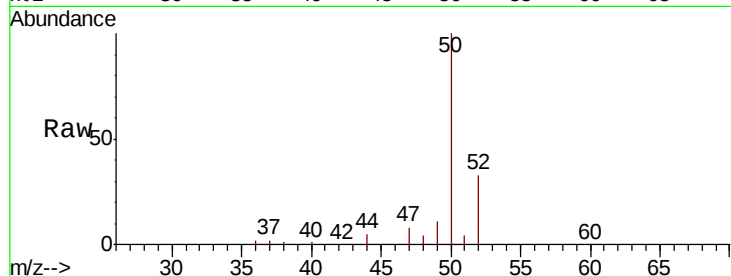
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 120821

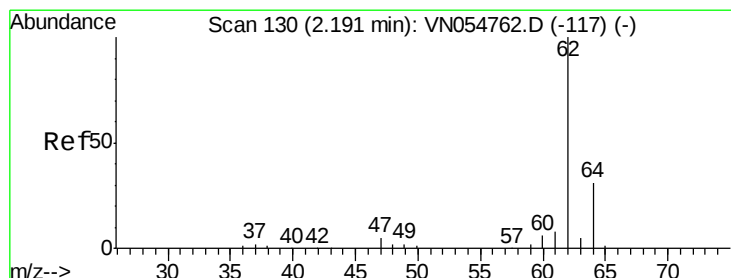
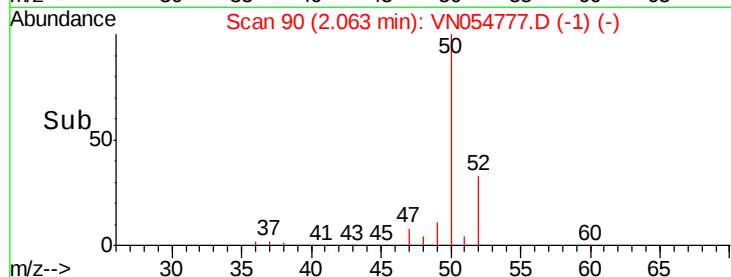
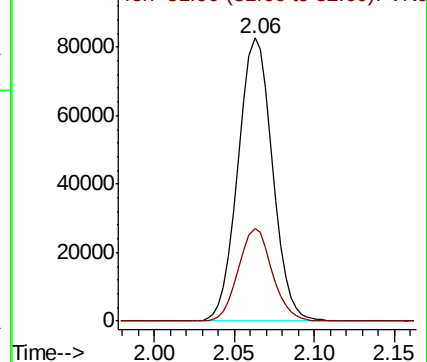
Ion Ratio Lower Upper

50 100

52 32.8 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNC
Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 19.892 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054777.D

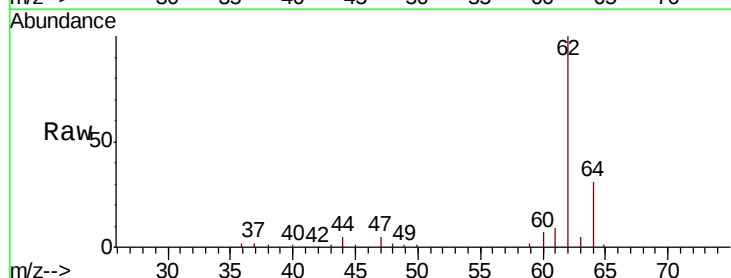
Acq: 29 Mar 2019 18:25

Tgt Ion: 62 Resp: 106854

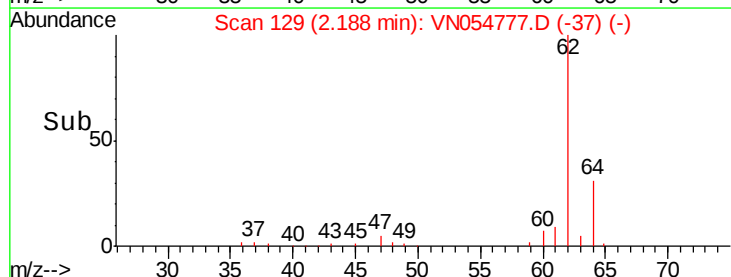
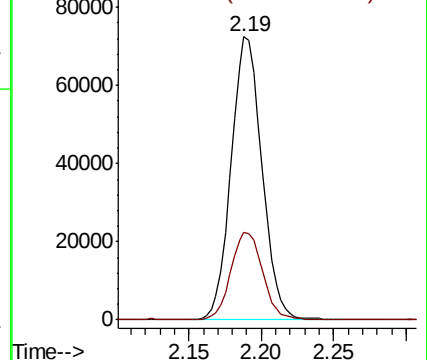
Ion Ratio Lower Upper

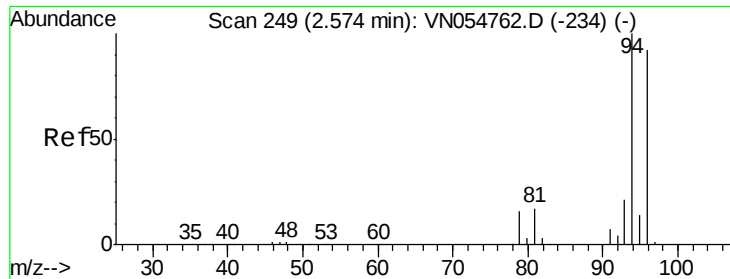
62 100

64 30.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 20.892 ug/l

RT: 2.57 min Scan# 249

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

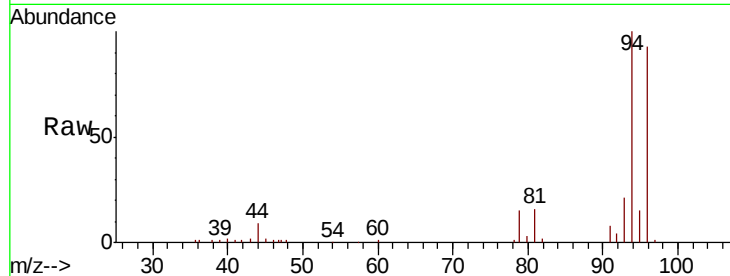
ClientSampleId :

Tot Ion: 94 Resp: 62524

Ion Ratio Lower Upper

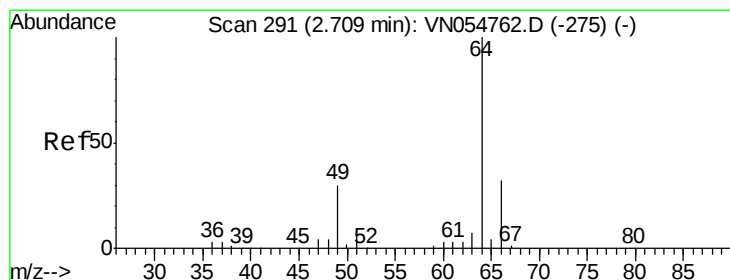
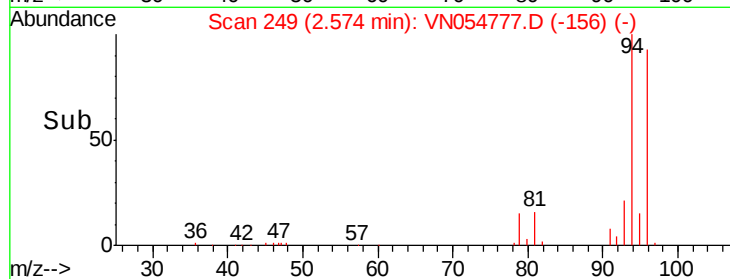
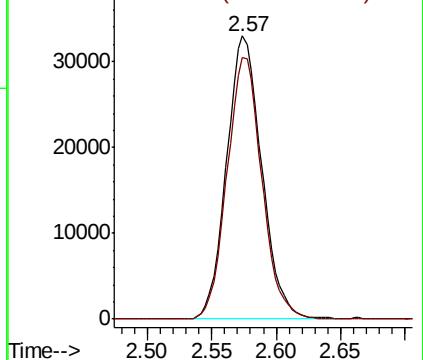
94 100

96 92.6 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.726 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN054777.D

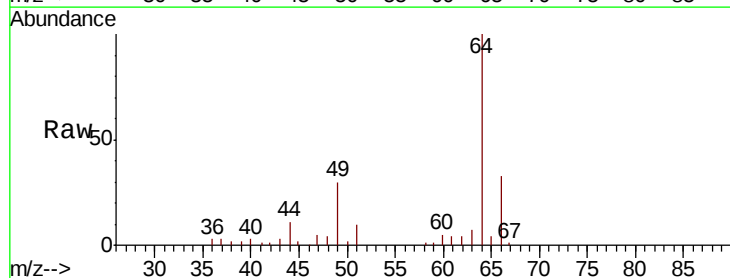
Acq: 29 Mar 2019 18:25

Tgt Ion: 64 Resp: 59170

Ion Ratio Lower Upper

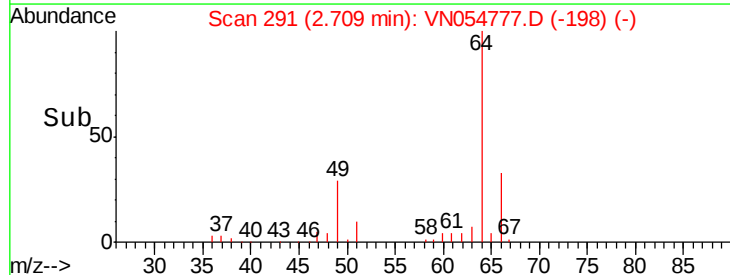
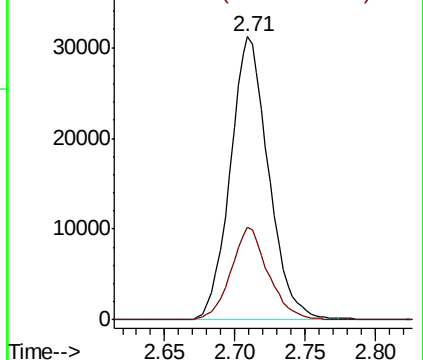
64 100

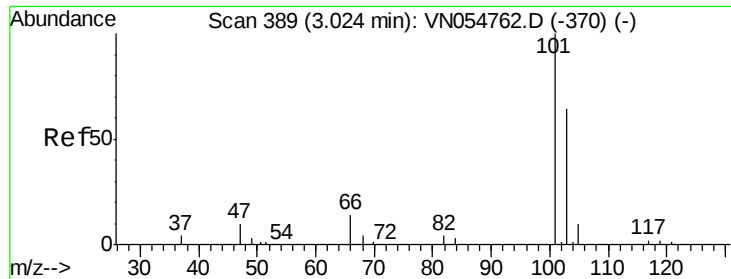
66 32.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



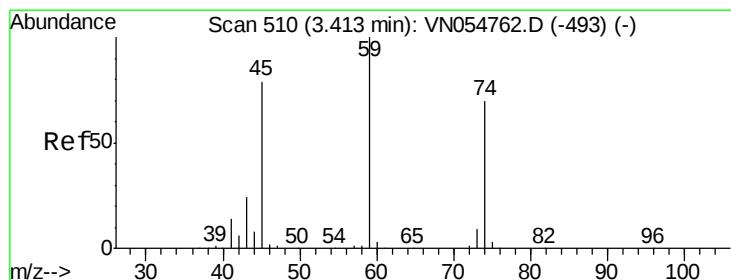
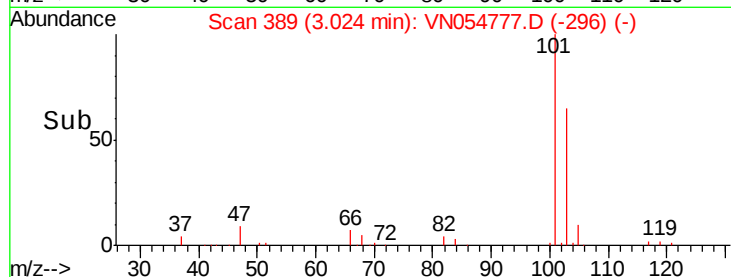
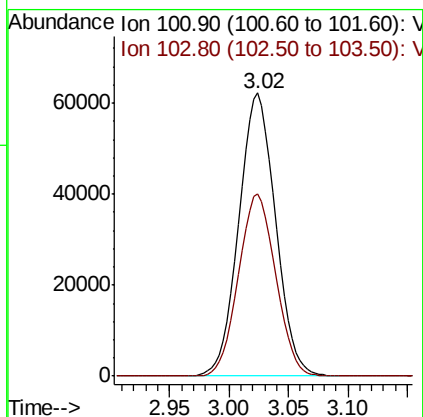
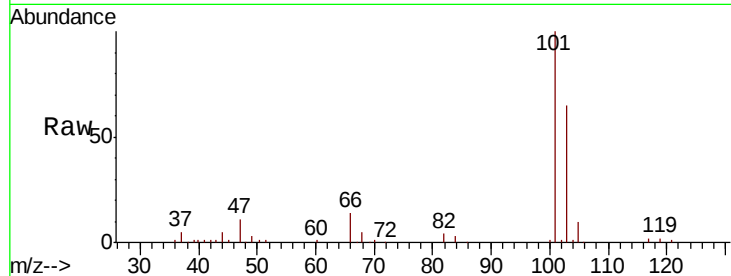


#7

Trichlorofluoromethane
 Concen: 20.156 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

Instrument :
 MSVOA_N
 ClientSampleId :

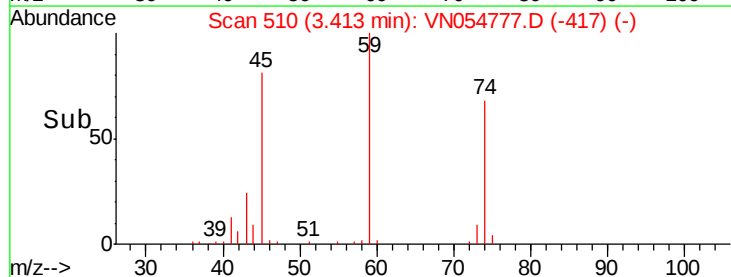
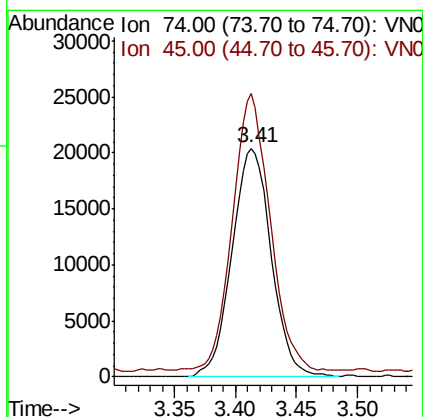
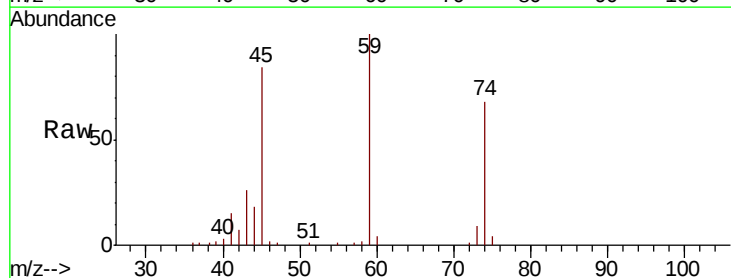
Tot Ion:101 Resp: 133112
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2

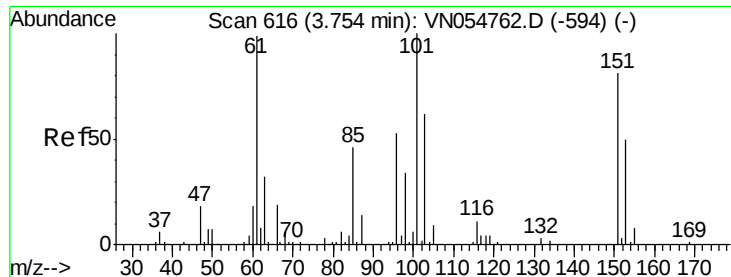


#8

Diethyl Ether
 Concen: 21.323 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

Tgt Ion: 74 Resp: 45344
 Ion Ratio Lower Upper
 74 100
 45 115.5 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.848 ug/l

RT: 3.75 min Scan# 614

Delta R.T. -0.01 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

ClientSampled :

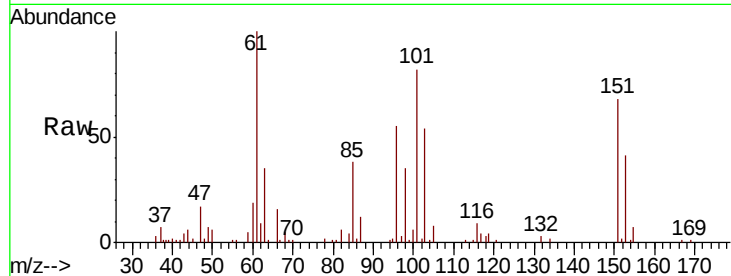
Tot Ion:101 Resp: 69004

Ion Ratio Lower Upper

101 100

85 46.5 32.4 48.6

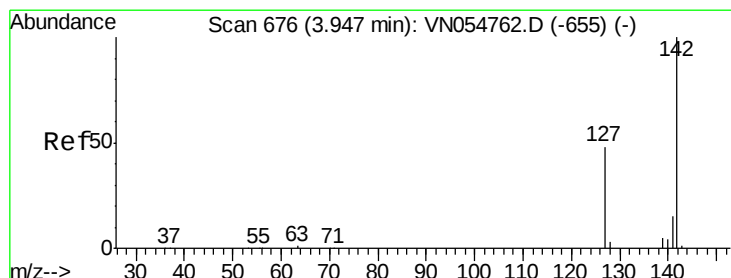
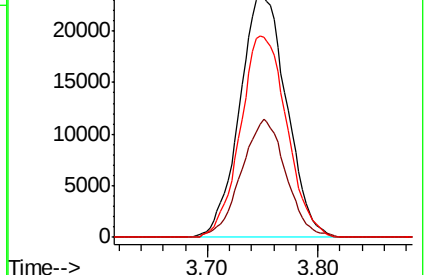
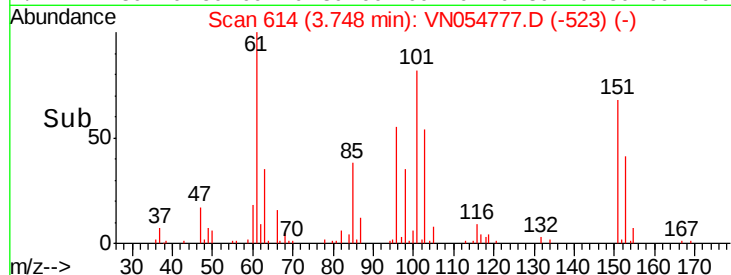
151 82.3 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.453 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

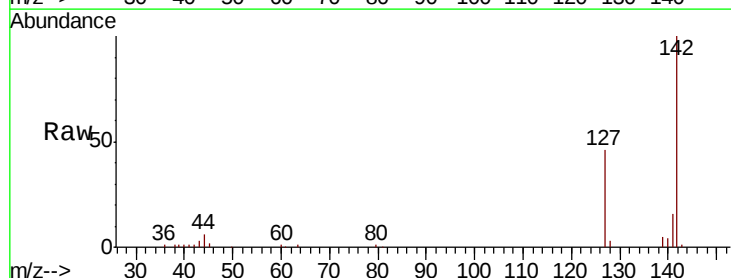
Tgt Ion:142 Resp: 97345

Ion Ratio Lower Upper

142 100

127 47.0 30.3 45.5#

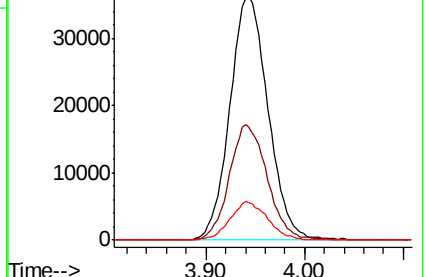
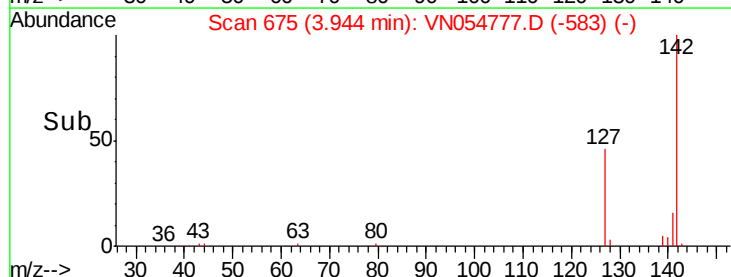
141 15.5 11.2 16.8

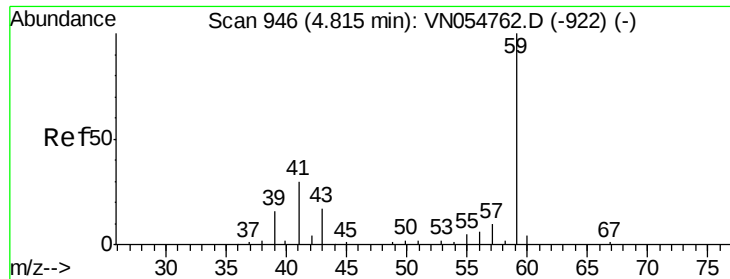


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



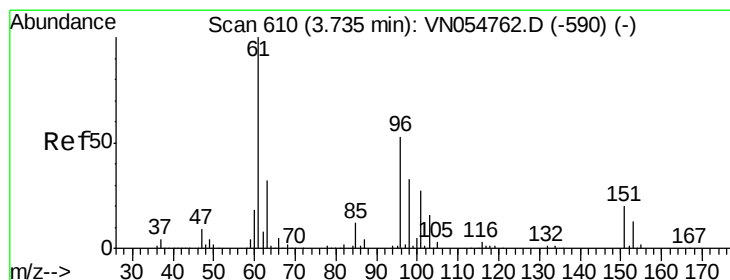
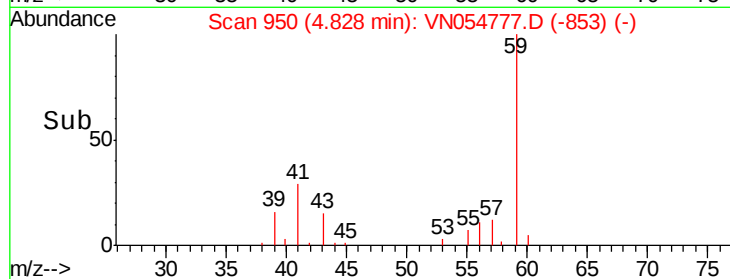
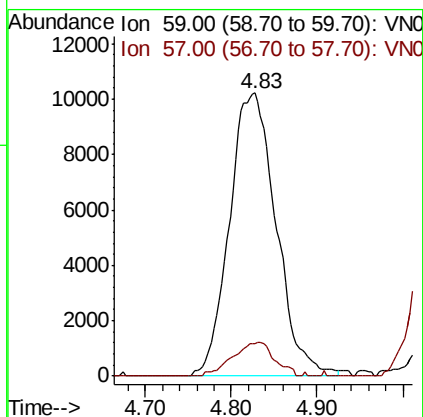
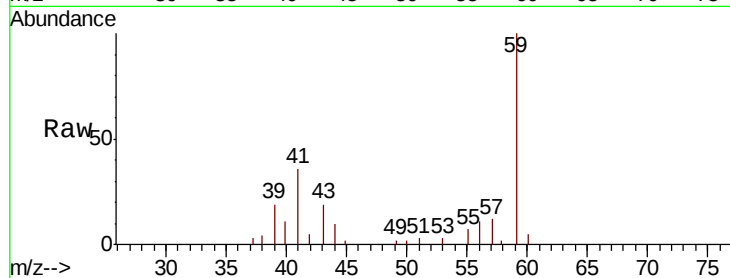


#11

Tert butyl alcohol
 Concen: 128.247 ug/l
 RT: 4.83 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

Instrument :
 MSVOA_N
 ClientSampleId :

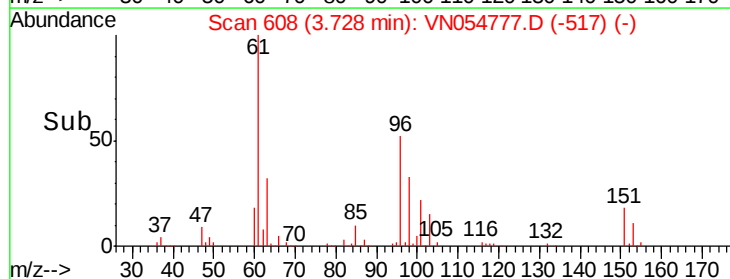
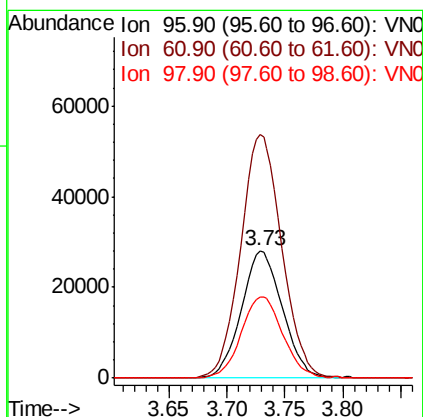
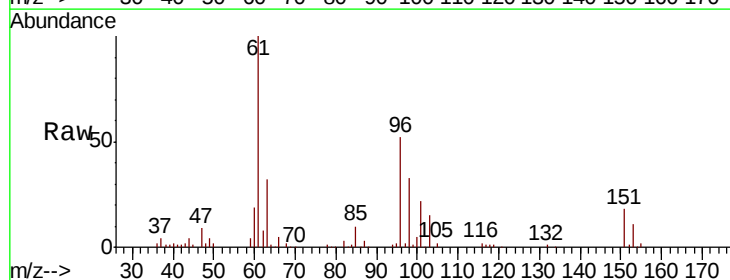
Tot Ion: 59 Resp: 38525
 Ion Ratio Lower Upper
 59 100
 57 10.7 9.0 13.6

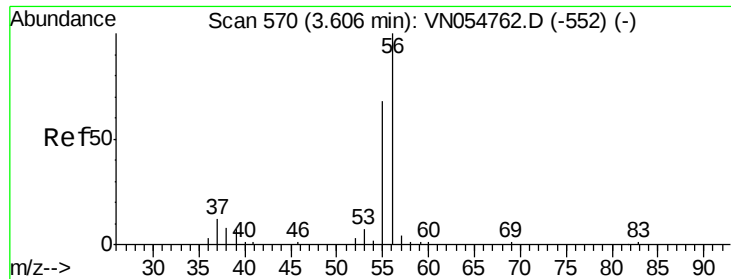


#12

1,1-Dichloroethene
 Concen: 20.549 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

Tgt Ion: 96 Resp: 69086
 Ion Ratio Lower Upper
 96 100
 61 190.9 116.5 174.7#
 98 63.2 51.0 76.4





#13

Acrolein

Concen: 108.528 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

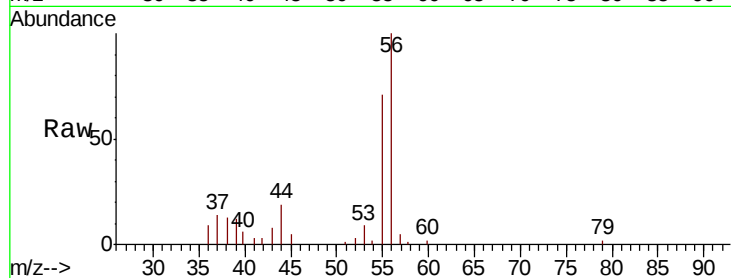
ClientSampleId :

Tot Ion: 56 Resp: 29145

Ion Ratio Lower Upper

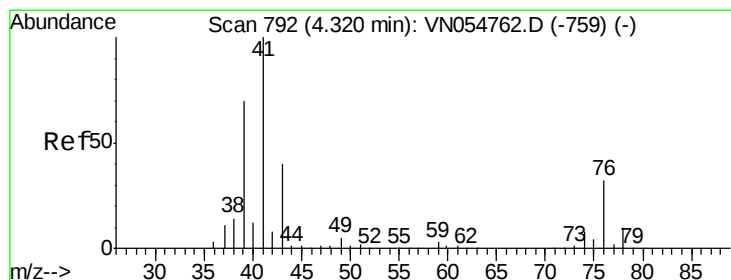
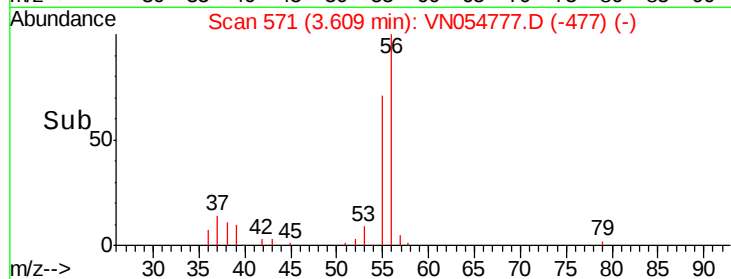
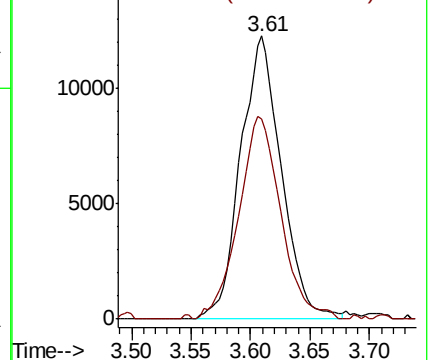
56 100

55 73.9 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.054 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

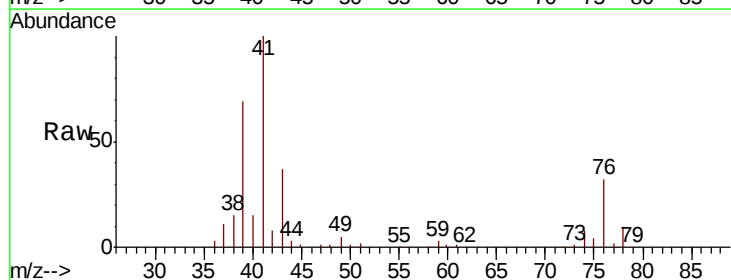
Tgt Ion: 41 Resp: 166070

Ion Ratio Lower Upper

41 100

39 67.6 58.2 87.4

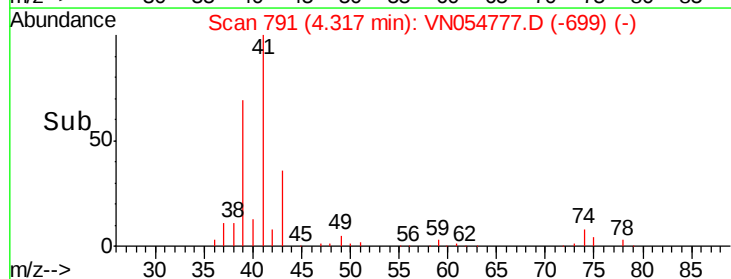
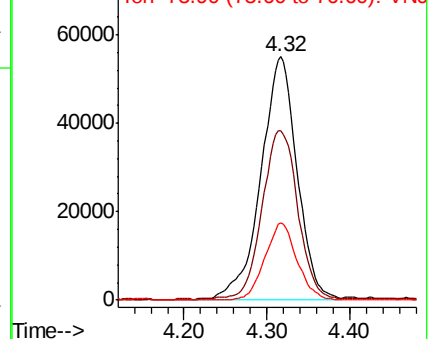
76 28.5 31.7 47.5#

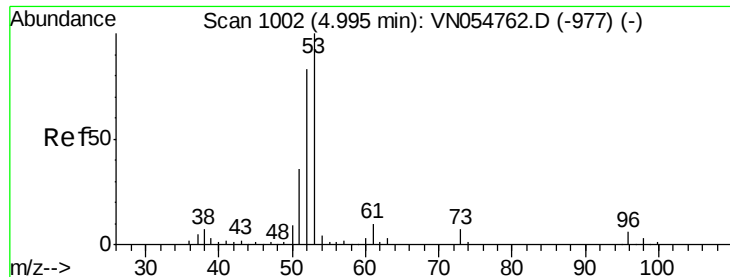


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



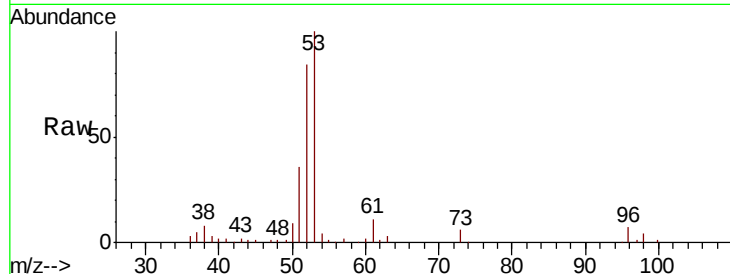


#15
 Acrylonitrile
 Concen: 118.029 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

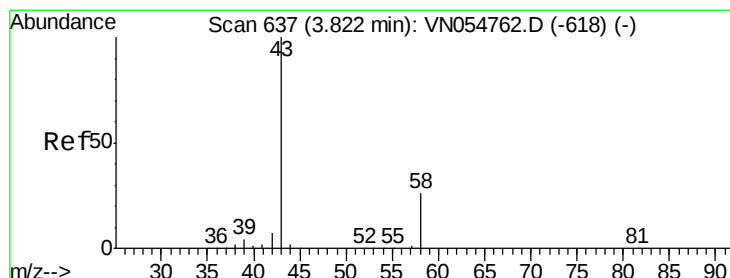
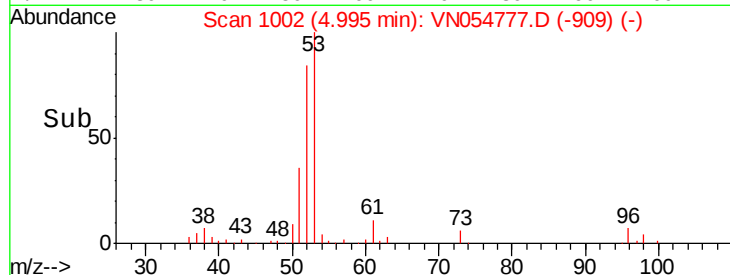
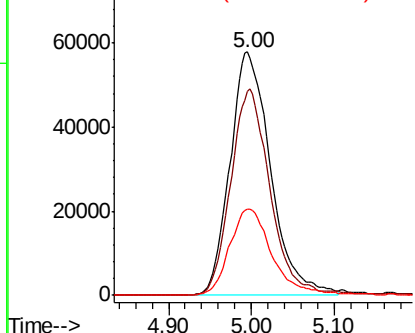
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 53 Resp: 197073

Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.4	99.6
51	37.0	29.6	44.4



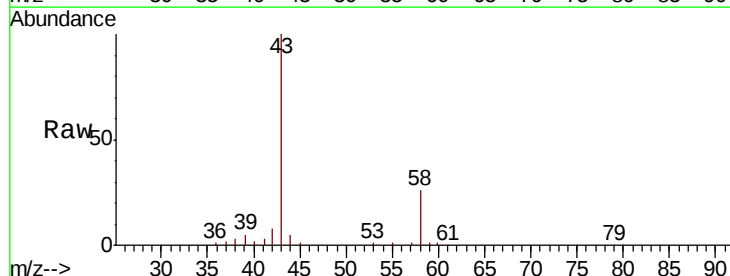
Abundance Ion 53.00 (52.70 to 53.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0
 Ion 51.00 (50.70 to 51.70): VN0



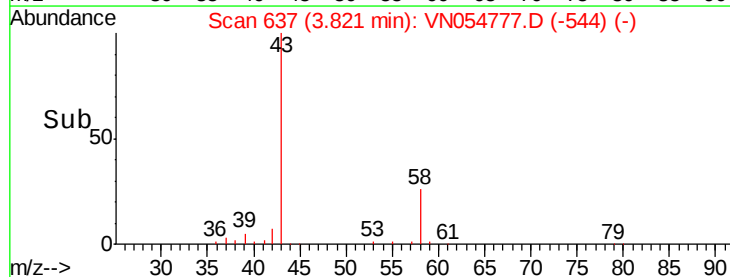
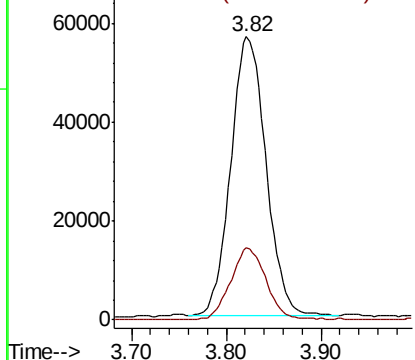
#16
 Acetone
 Concen: 106.336 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

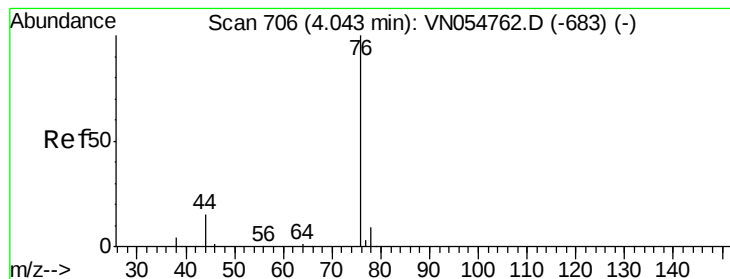
Tgt Ion: 43 Resp: 146200

Ion	Ratio	Lower	Upper
43	100		
58	25.9	29.9	44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.333 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

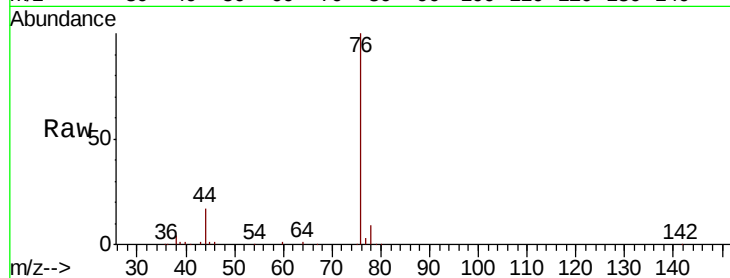
ClientSampled :

Tot Ion: 76 Resp: 199908

Ion Ratio Lower Upper

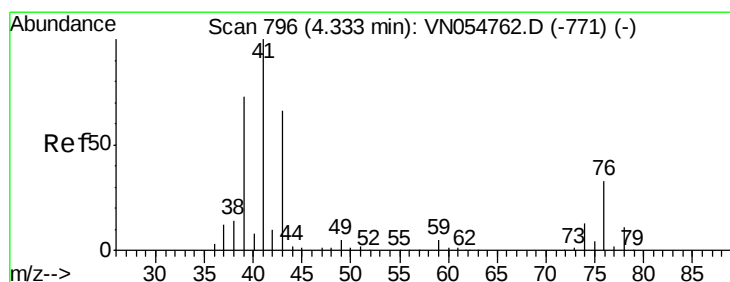
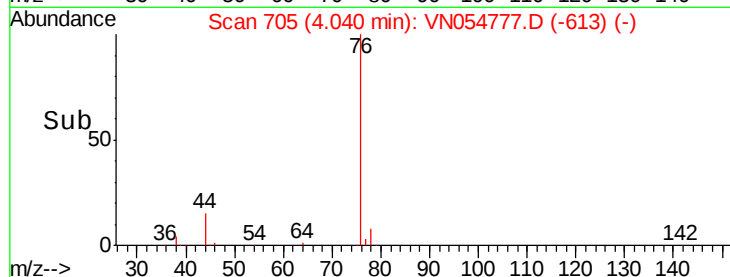
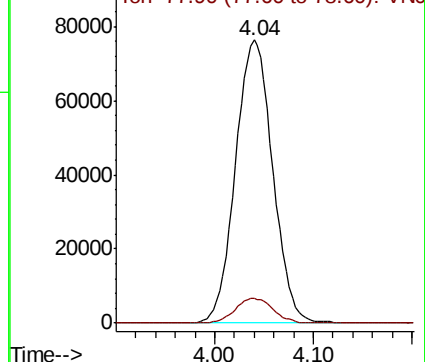
76 100

78 8.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 23.437 ug/l

RT: 4.33 min Scan# 795

Delta R.T. -0.00 min

Lab File: VN054777.D

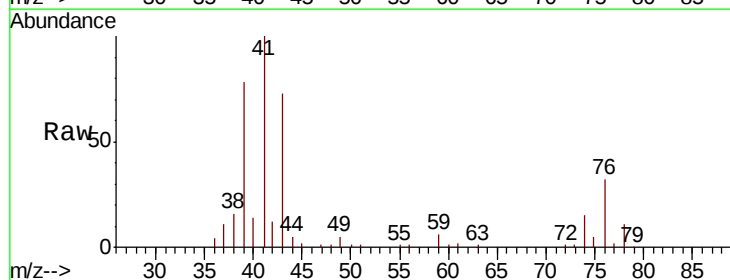
Acq: 29 Mar 2019 18:25

Tgt Ion: 43 Resp: 85680

Ion Ratio Lower Upper

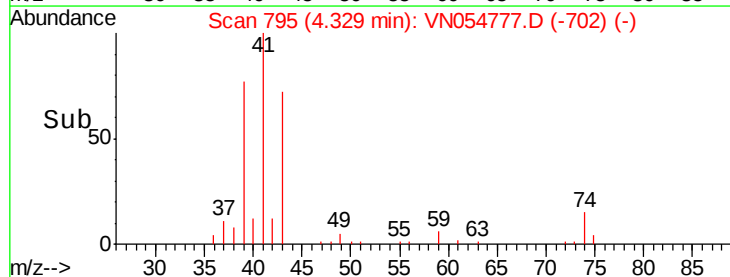
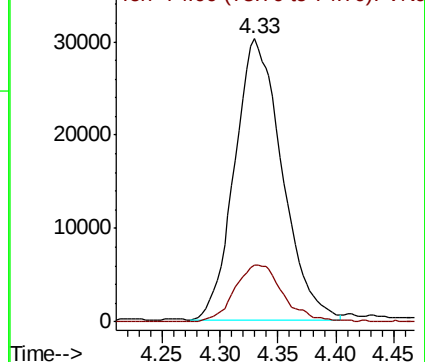
43 100

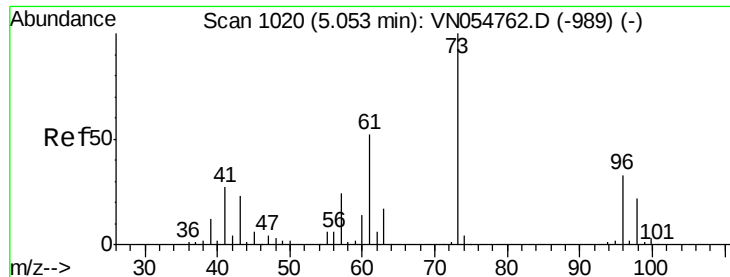
74 20.6 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

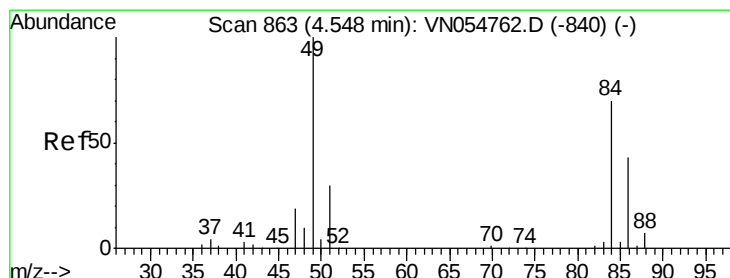
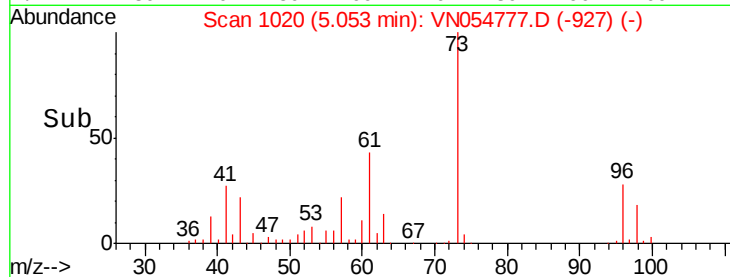
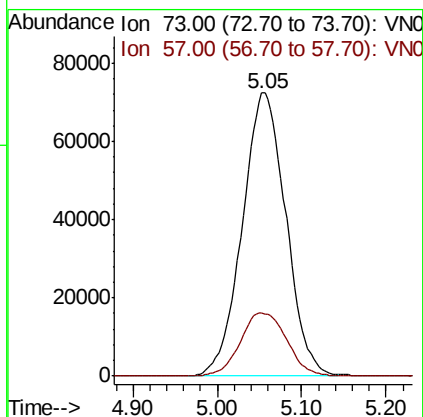
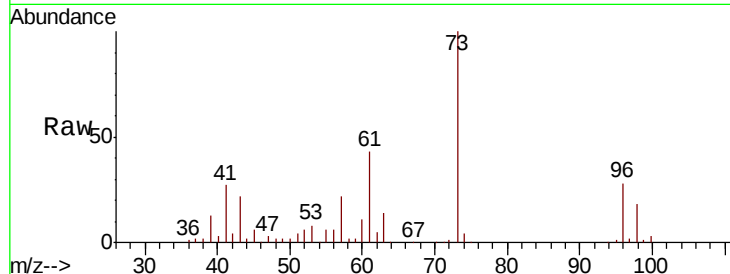




#19
Methvl tert-butvl Ether
Concen: 22.068 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

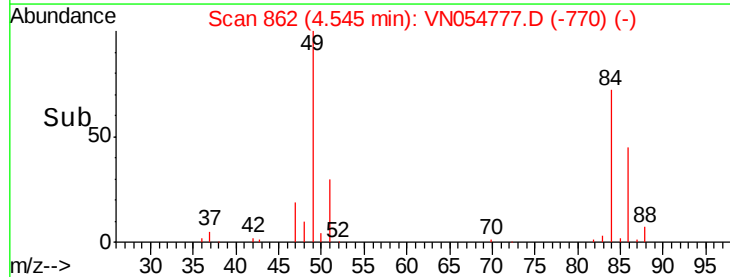
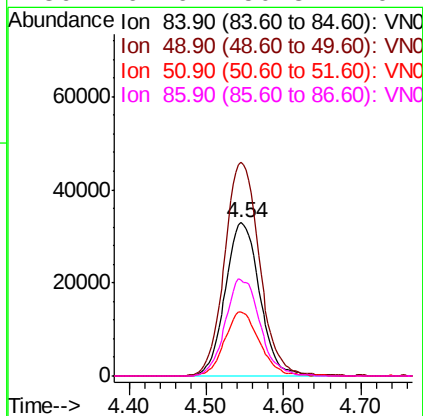
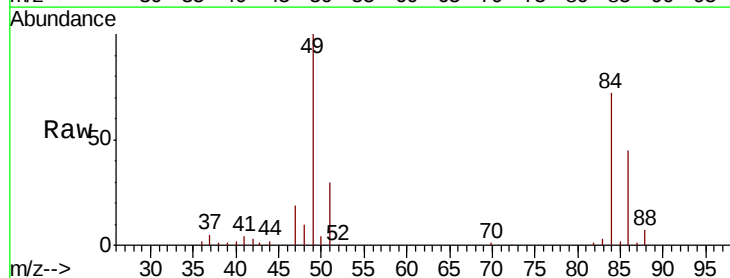
Instrument :
MSVOA_N
ClientSampled :

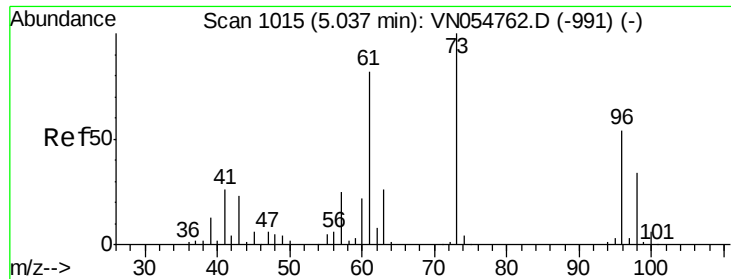
Tot Ion: 73 Resp: 259524
Ion Ratio Lower Upper
73 100
57 22.3 16.8 25.2



#20
Methylene Chloride
Concen: 21.024 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Tgt Ion: 84 Resp: 101963
Ion Ratio Lower Upper
84 100
49 138.9 89.7 134.5#
51 41.5 28.2 42.4
86 62.6 50.8 76.2



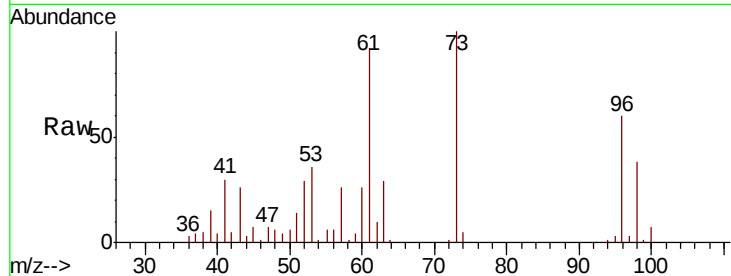


#21

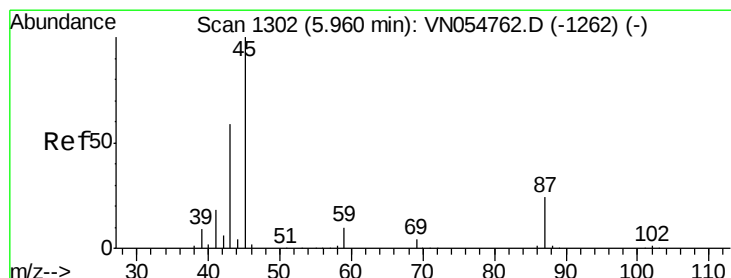
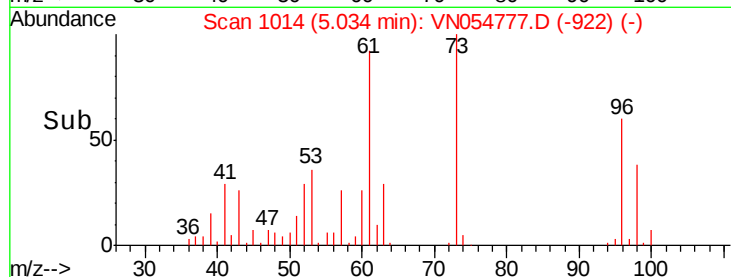
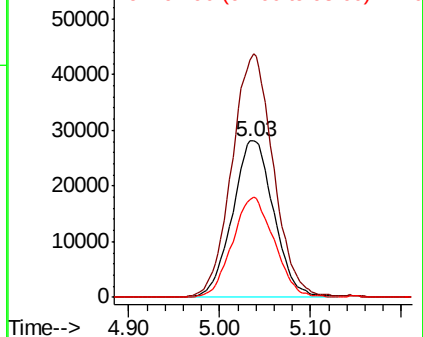
trans-1,2-Dichloroethene
Concen: 20.120 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 88850
Ion Ratio Lower Upper
96 100
61 151.3 102.8 154.2
98 62.6 50.0 75.0



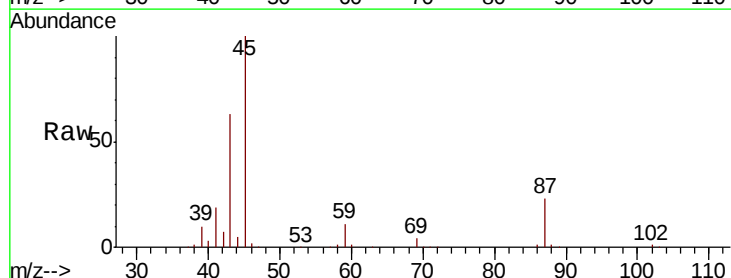
Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



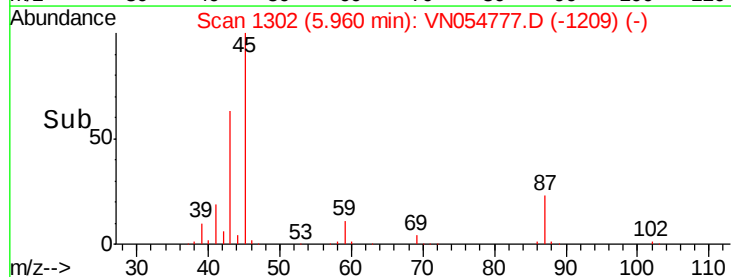
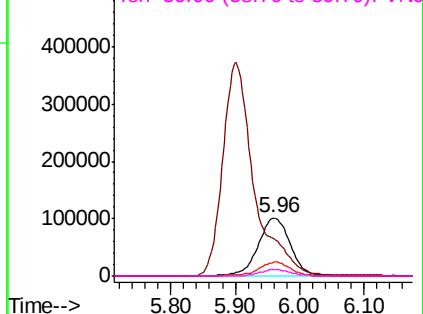
#22

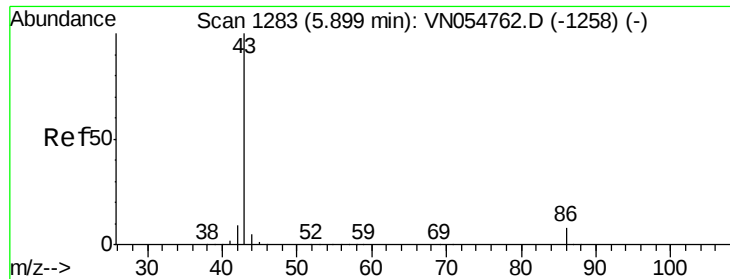
Diisopropyl ether
Concen: 21.374 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Tgt Ion: 45 Resp: 350067
Ion Ratio Lower Upper
45 100
43 63.0 48.2 72.2
87 23.0 24.9 37.3#
59 11.0 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 87.00 (86.70 to 87.70): VNO
Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 110.814 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

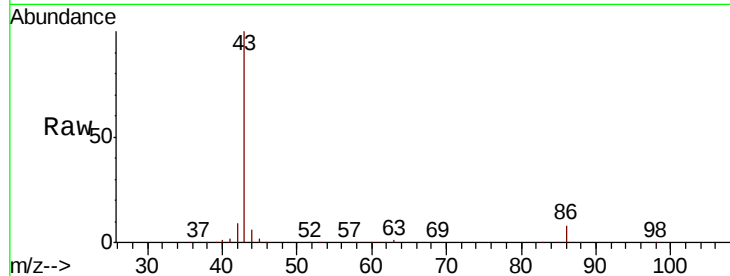
ClientSampleId :

Tot Ion: 43 Resp: 1263041

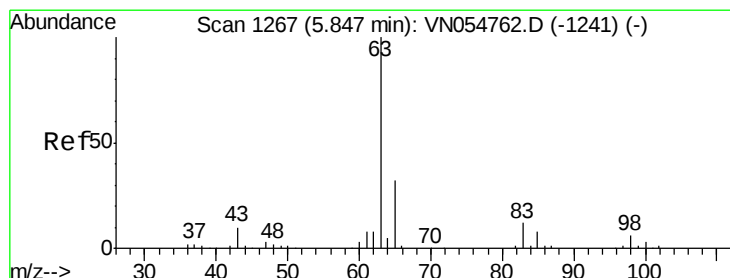
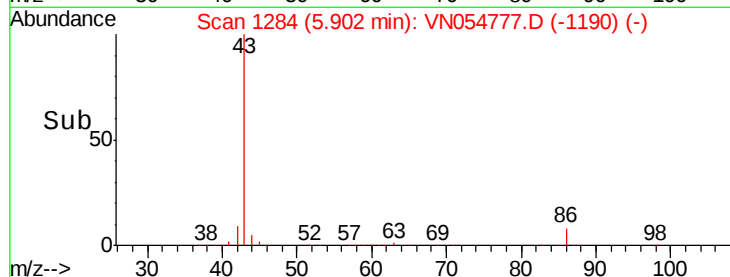
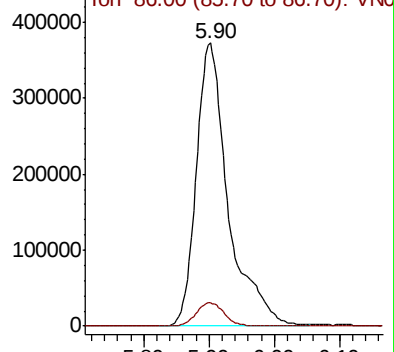
Ion Ratio Lower Upper

43 100

86 8.3 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-1258) (-)



#24

1,1-Dichloroethane

Concen: 21.344 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

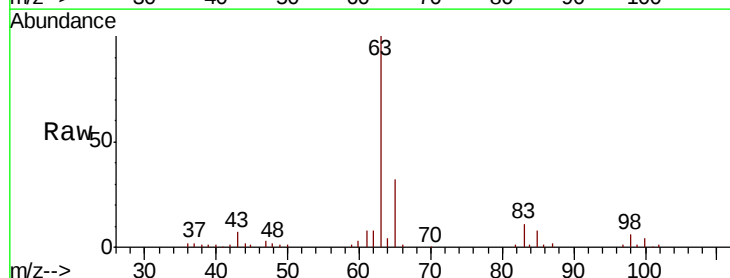
Tgt Ion: 63 Resp: 186483

Ion Ratio Lower Upper

63 100

98 5.6 3.5 10.5

100 3.7 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN054762.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

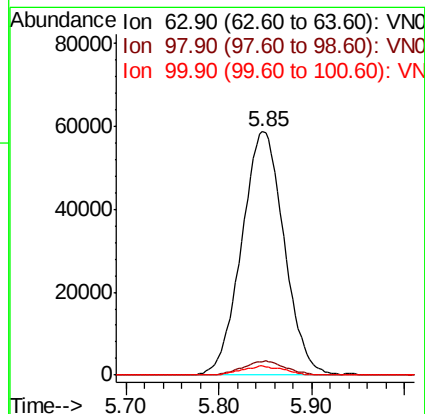
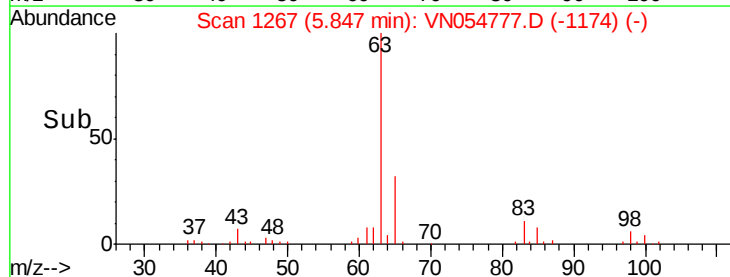
Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

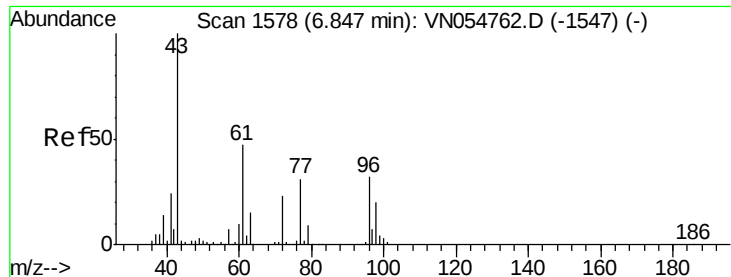
Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN054762.D (-1241) (-)

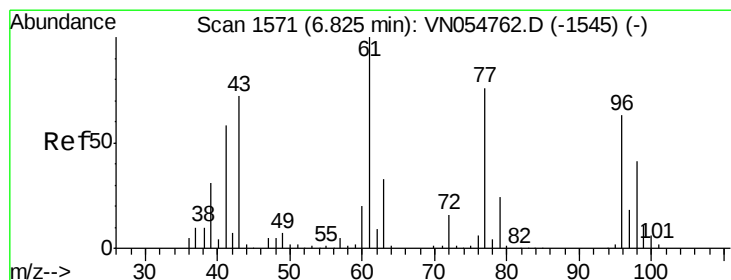
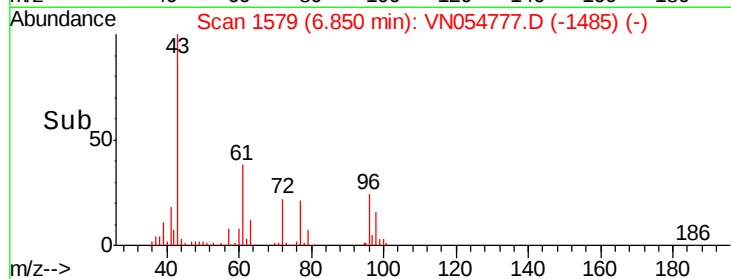
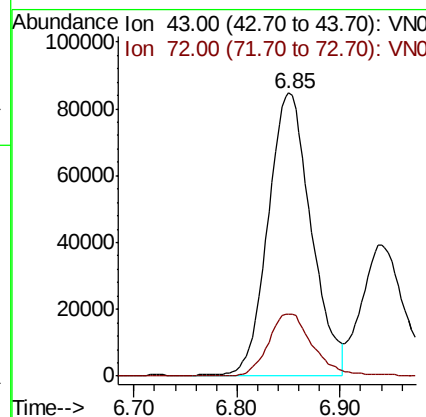
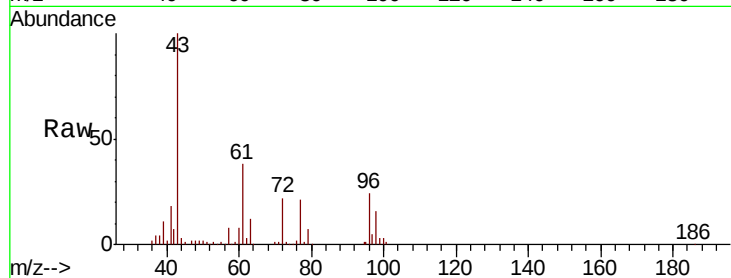




#25
2-Butanone
Concen: 120.334 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

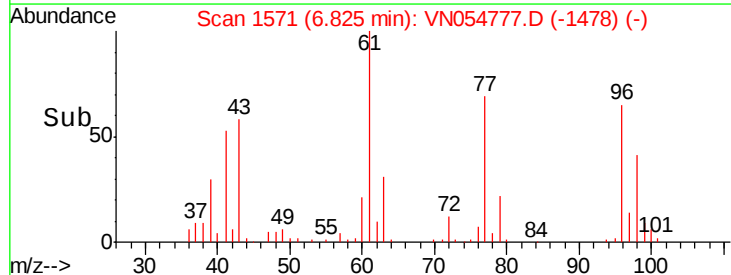
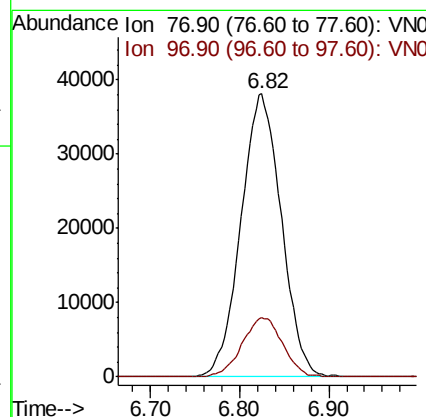
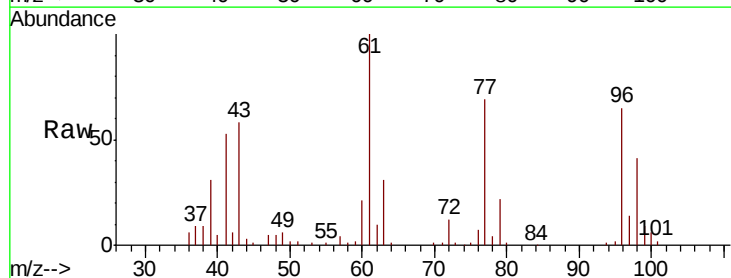
Instrument :
MSVOA_N
ClientSampled :

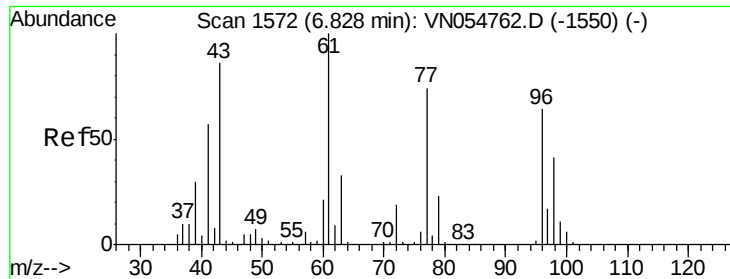
Tot Ion: 43 Resp: 244560
Ion Ratio Lower Upper
43 100
72 22.1 23.0 34.6#



#26
2,2-Dichloropropane
Concen: 19.587 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Tgt Ion: 77 Resp: 119944
Ion Ratio Lower Upper
77 100
97 21.0 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 21.329 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :

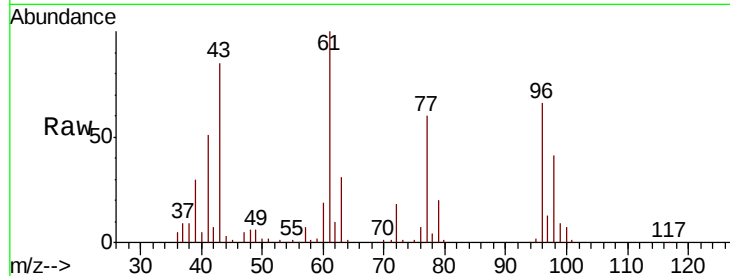
Tot Ion: 96 Resp: 106399

Ion Ratio Lower Upper

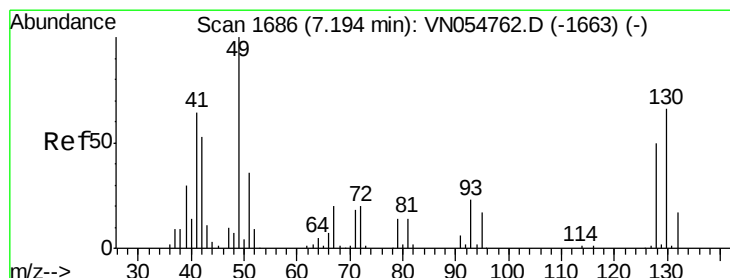
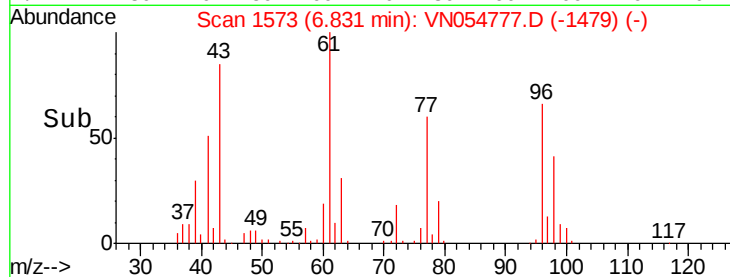
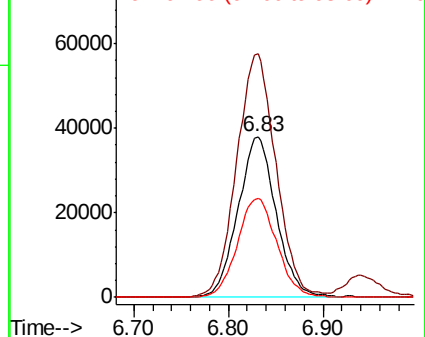
96 100

61 156.4 0.0 273.0

98 63.7 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 22.661 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

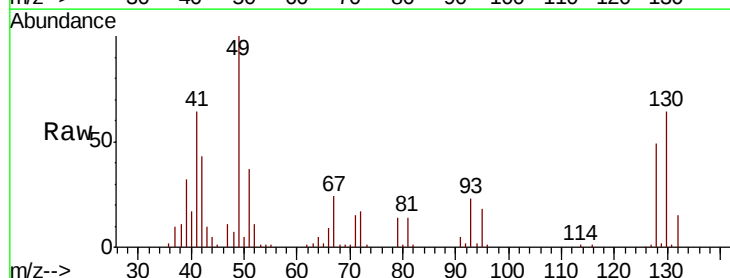
Tgt Ion: 49 Resp: 99001

Ion Ratio Lower Upper

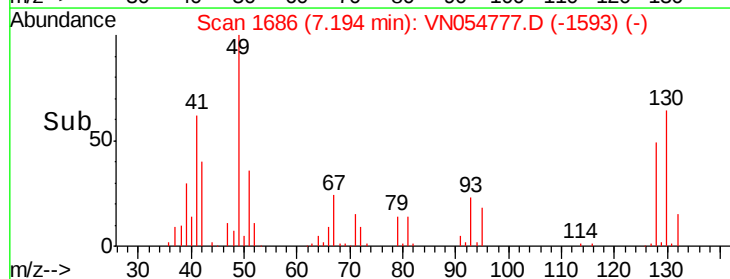
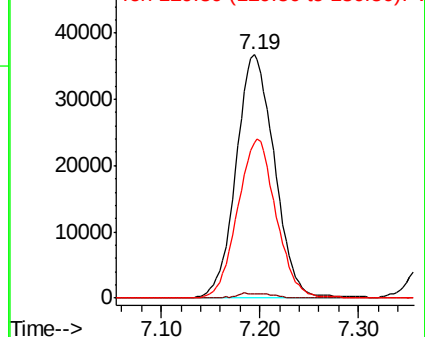
49 100

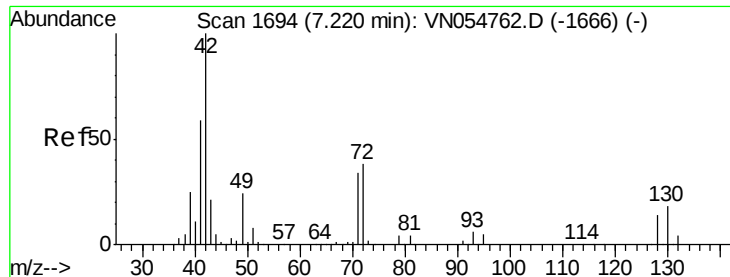
129 0.7 0.0 4.6

130 65.3 76.7 115.1#



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 119.326 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

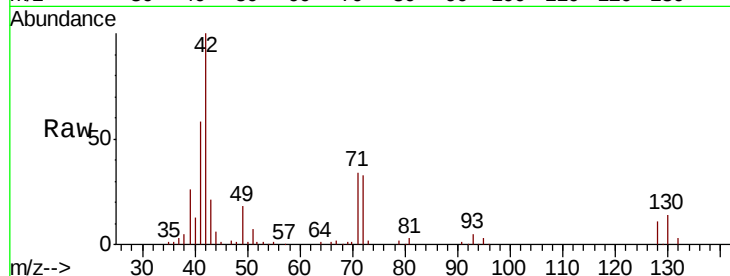
Tot Ion: 42 Resp: 168436

Ion Ratio Lower Upper

42 100

72 35.5 37.8 56.6#

71 34.2 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VN054762.D (-1666) (-)

Ion 72.00 (71.70 to 72.70): VN054762.D (-1666) (-)

Ion 71.00 (70.70 to 71.70): VN054762.D (-1666) (-)

7.22

60000

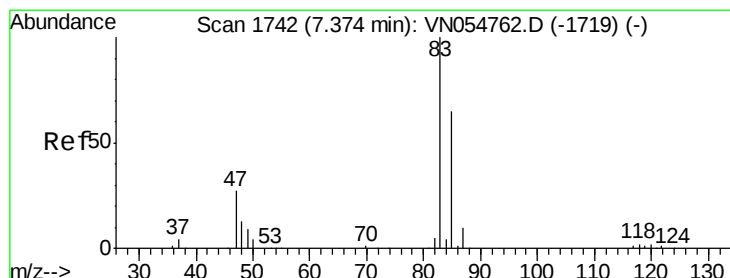
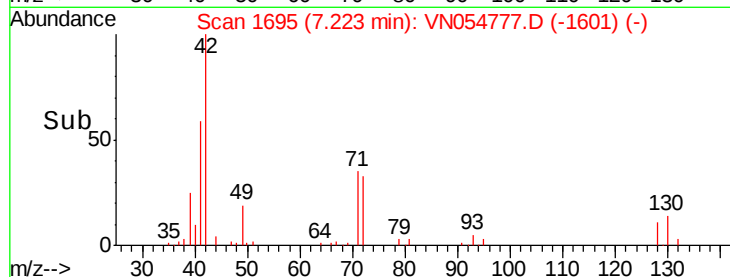
40000

20000

0

7.10 7.20 7.30

Time-->



#30

Chloroform

Concen: 21.335 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN054777.D

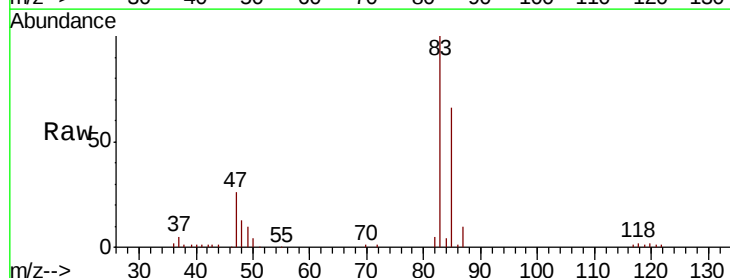
Acq: 29 Mar 2019 18:25

Tgt Ion: 83 Resp: 177739

Ion Ratio Lower Upper

83 100

85 66.2 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN054762.D (-1719) (-)

Ion 84.90 (84.60 to 85.60): VN054762.D (-1719) (-)

7.37

80000

60000

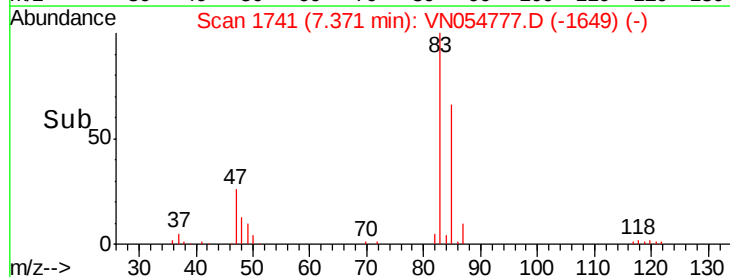
40000

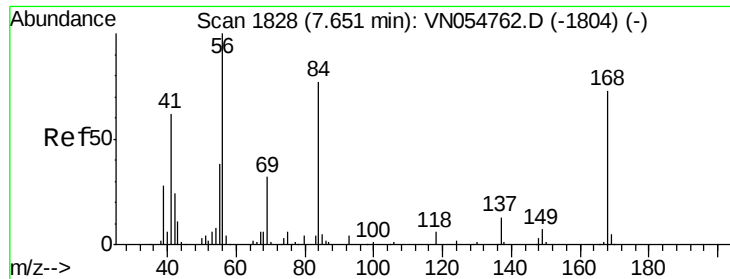
20000

0

7.30 7.40 7.50

Time-->

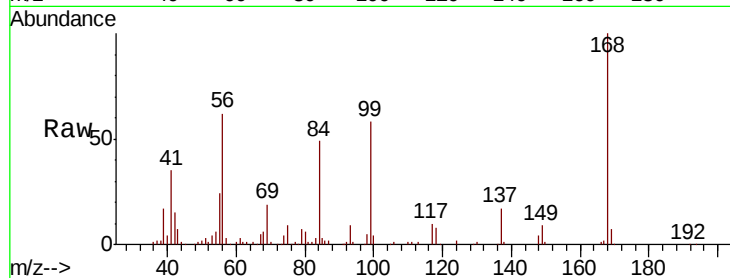




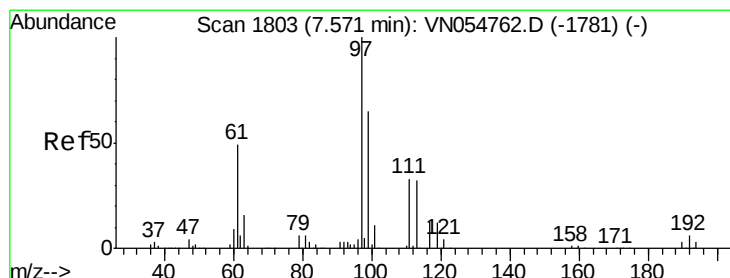
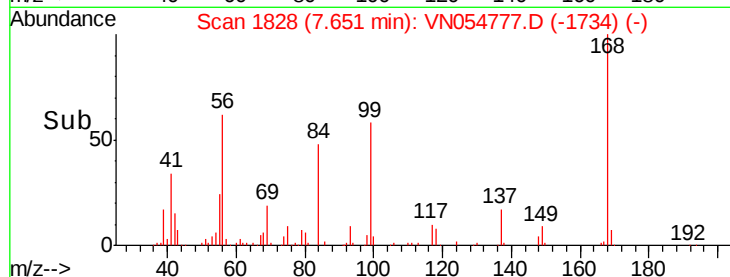
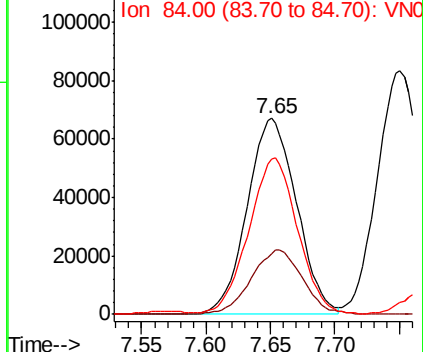
#31
Cyclohexane
Concen: 21.280 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 178830
Ion Ratio Lower Upper
56 100
69 30.9 27.8 41.6
84 78.4 74.6 111.8

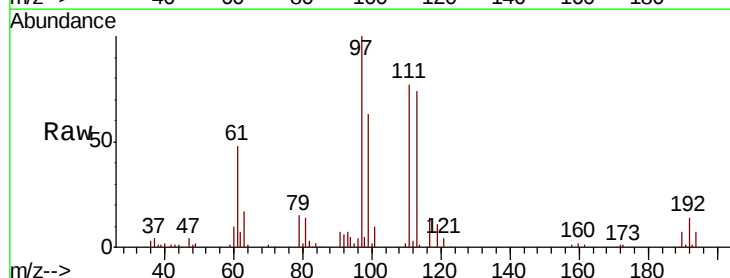


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

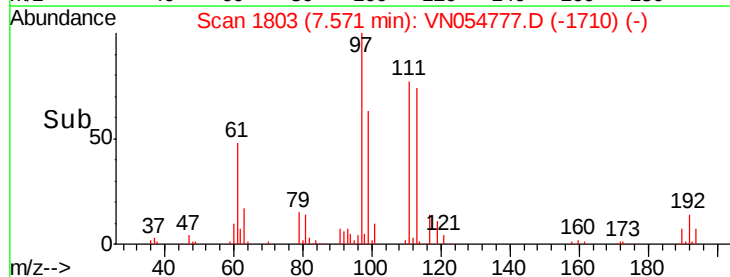
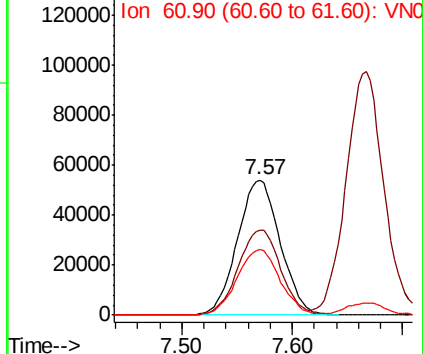


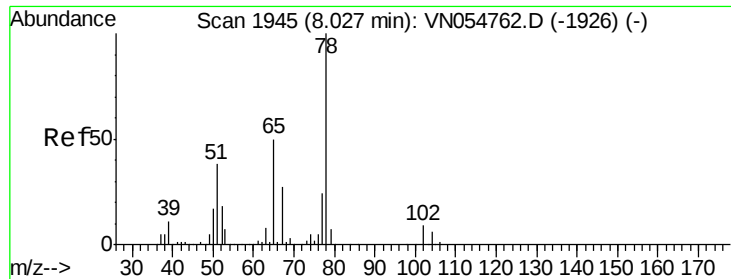
#32
1,1,1-Trichloroethane
Concen: 20.951 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Tgt Ion: 97 Resp: 144646
Ion Ratio Lower Upper
97 100
99 62.6 51.5 77.3
61 48.9 33.6 50.4



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

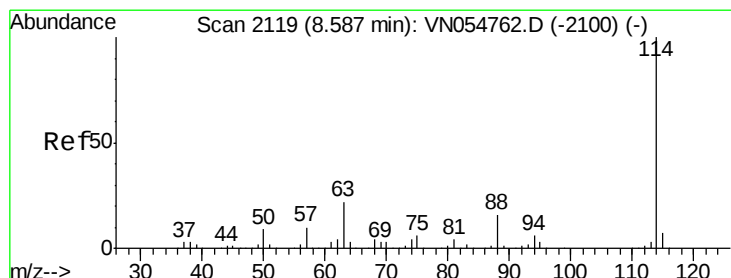
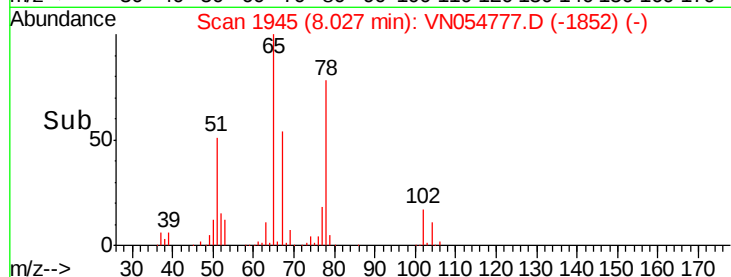
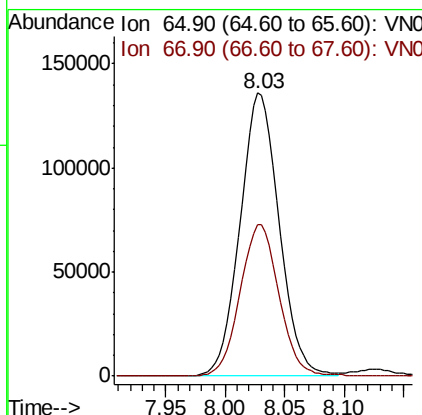
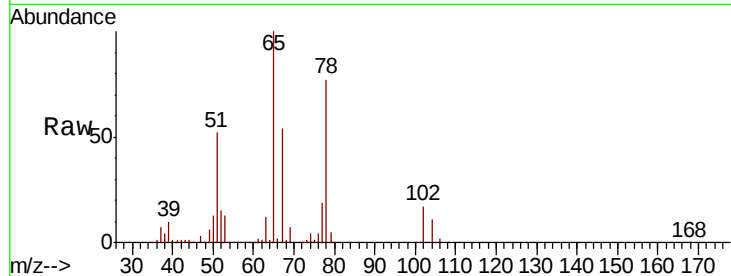




#33
 1,2-Dichloroethane-d4
 Concen: 53.747 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

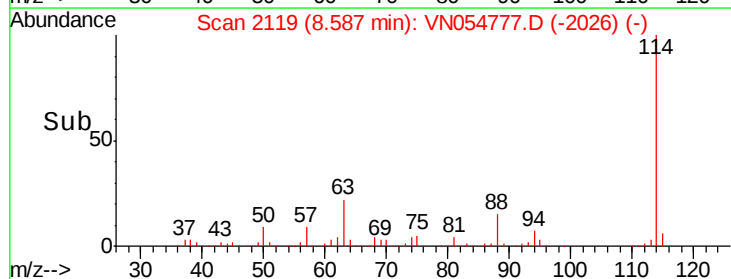
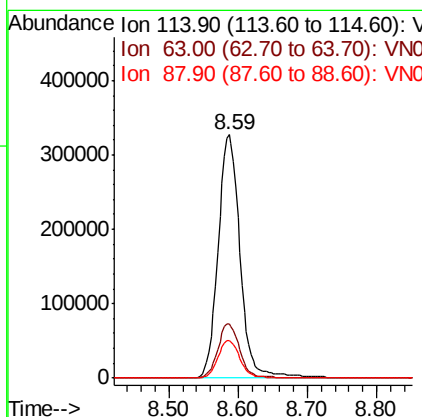
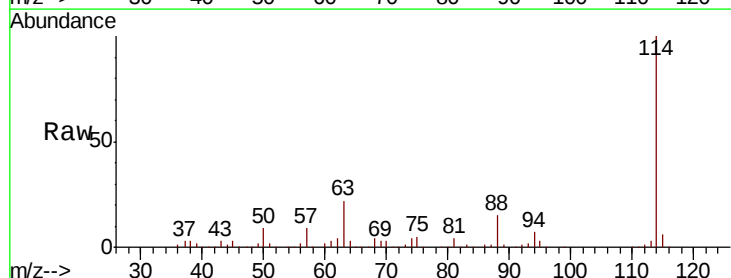
Instrument :
 MSVOA_N
 ClientSampleId :

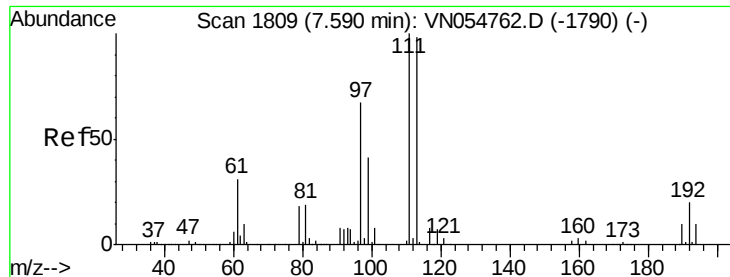
Tot Ion: 65 Resp: 309879
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

Tgt Ion: 114 Resp: 720257
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 35.2
 88 15.5 0.0 30.2

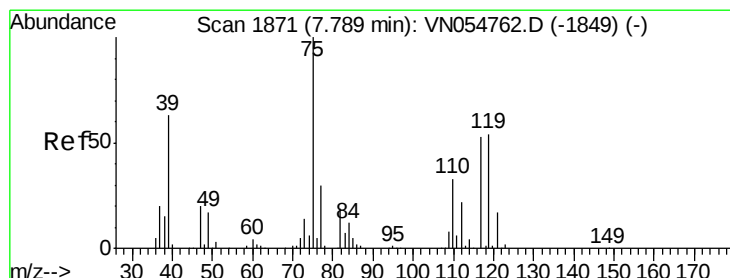
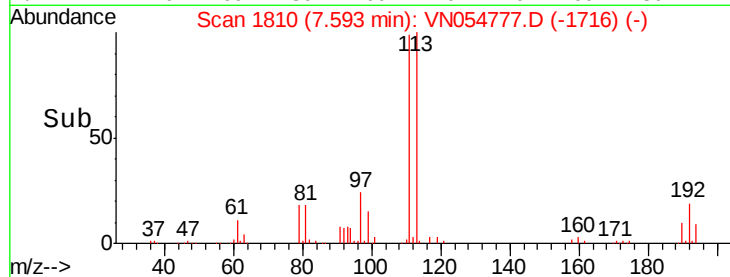
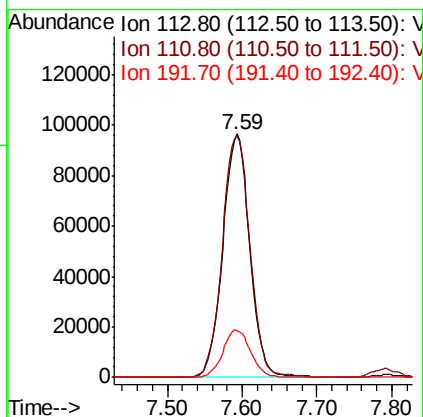
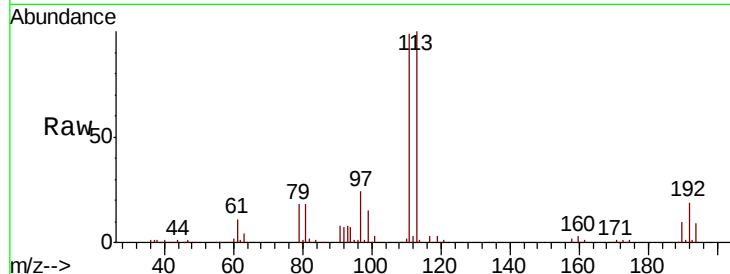




#35
 Dibromofluoromethane
 Concen: 50.098 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

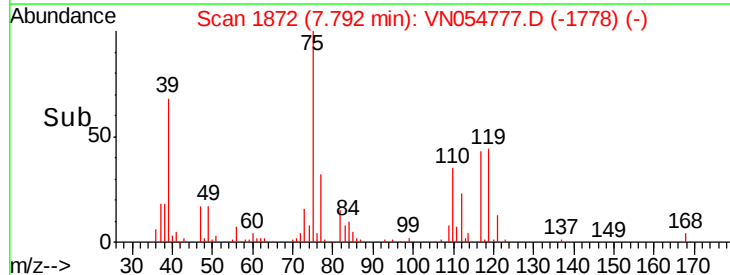
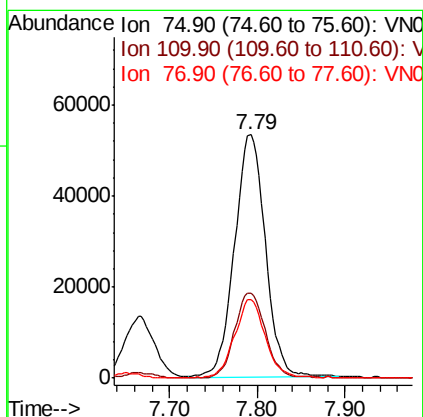
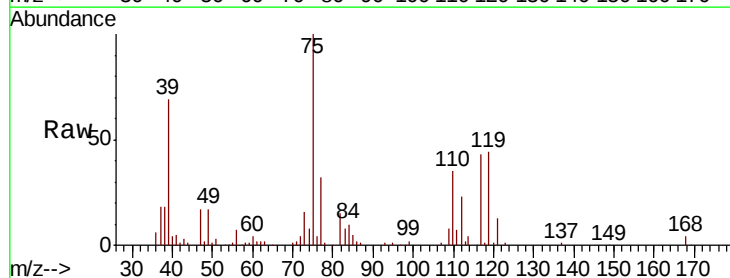
Instrument :
 MSVOA_N
 ClientSampleId :

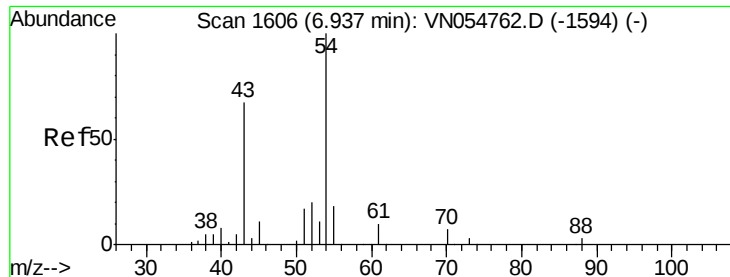
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	20.0	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 19.393 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	19.1	57.5
77	31.6	25.0	37.4

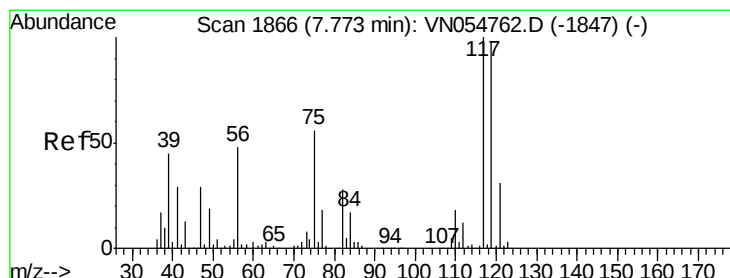
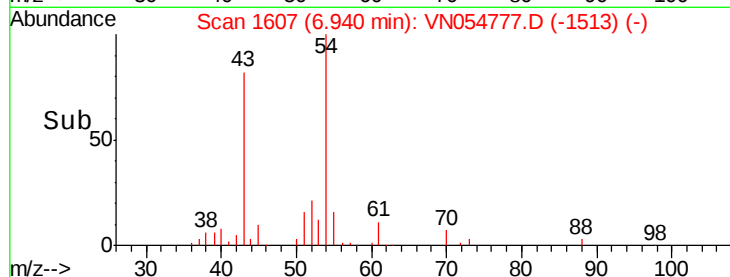
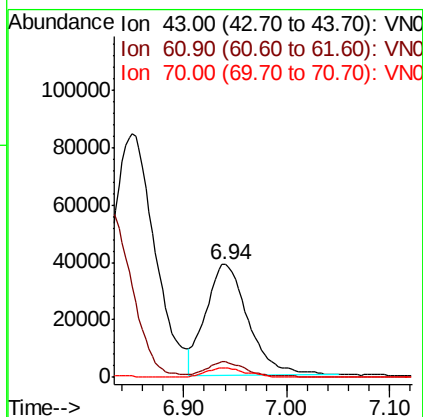
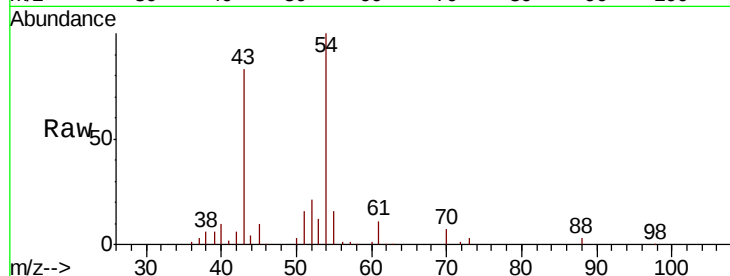




#37
Ethyl Acetate
Concen: 22.569 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

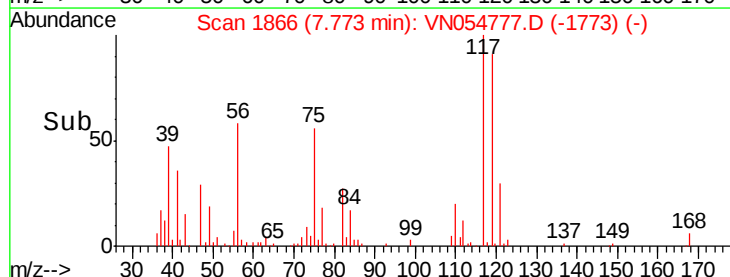
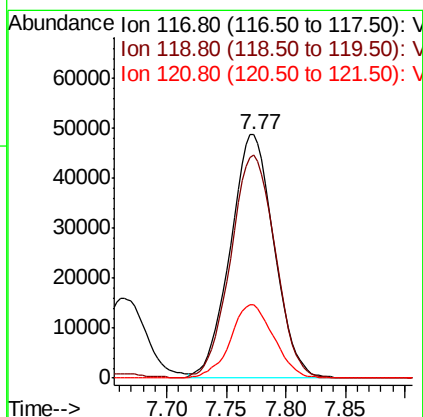
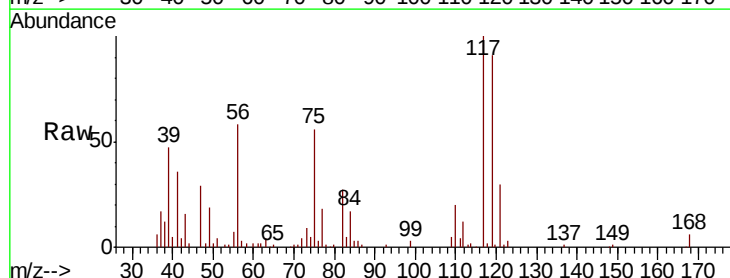
Instrument :
MSVOA_N
ClientSampled :

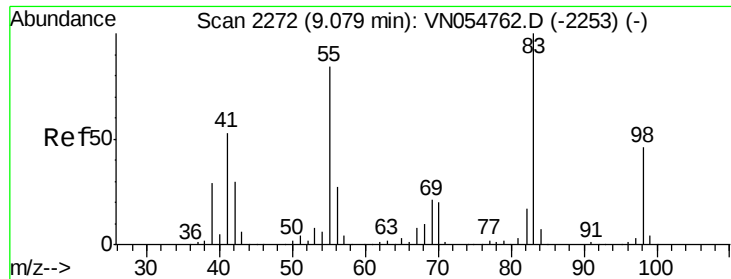
Tot Ion: 43 Resp: 111077
Ion Ratio Lower Upper
43 100
61 13.3 11.8 17.6
70 8.3 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 18.900 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Tgt Ion: 117 Resp: 123203
Ion Ratio Lower Upper
117 100
119 91.8 76.3 114.5
121 30.1 24.6 36.8

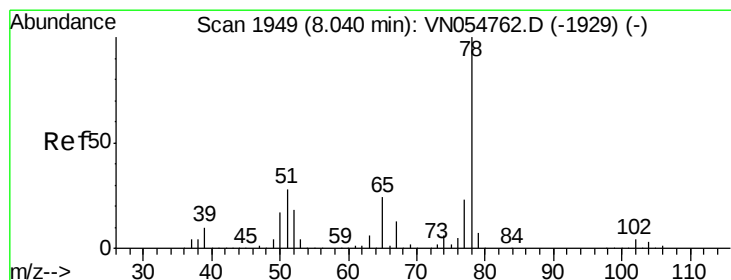
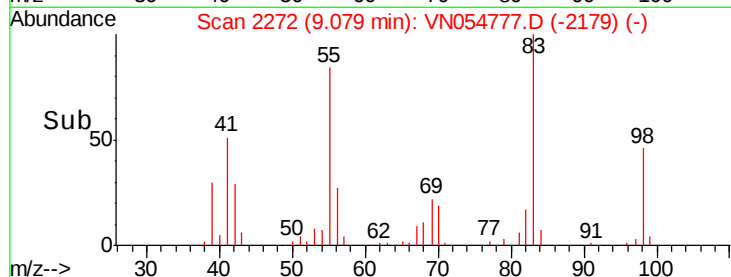
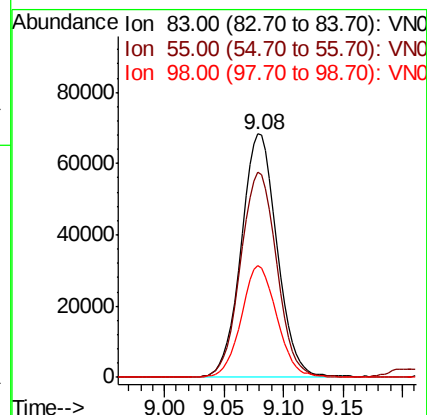
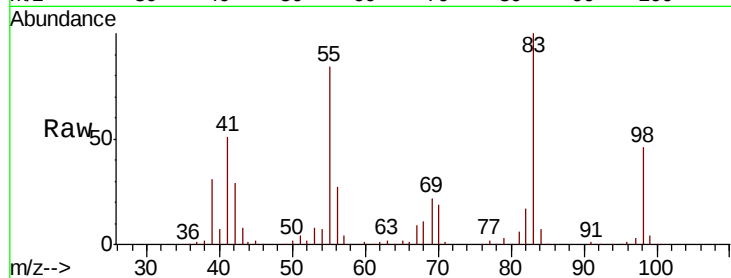




#39
Methvlcvclohexane
Concen: 19.366 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

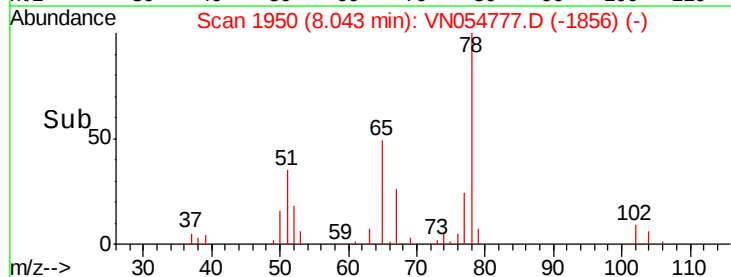
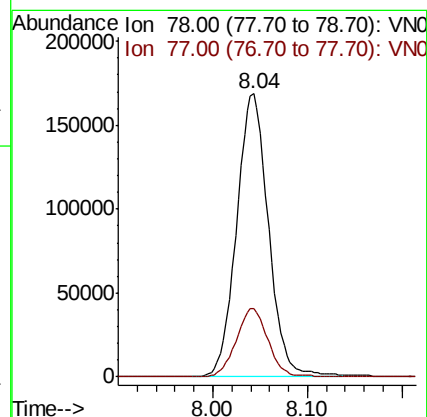
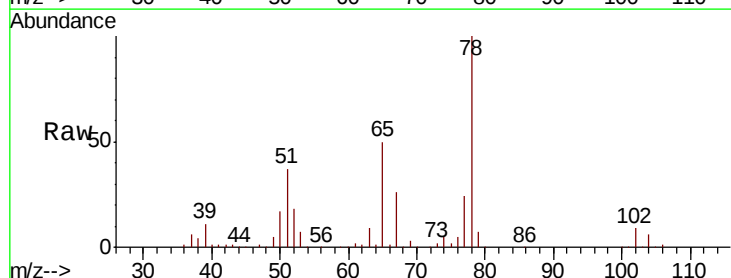
Instrument :
MSVOA_N
ClientSampled :

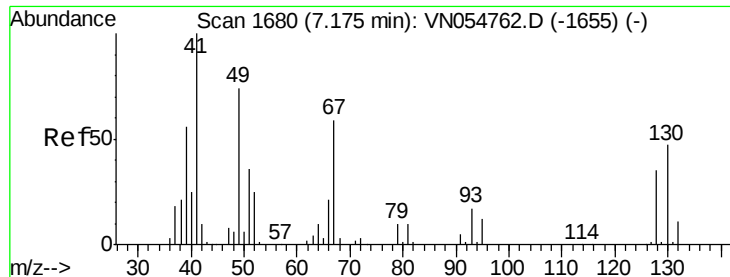
Tot Ion: 83 Resp: 142888
Ion Ratio Lower Upper
83 100
55 84.1 56.6 84.8
98 45.8 38.4 57.6



#40
Benzene
Concen: 20.563 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Tgt Ion: 78 Resp: 394893
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

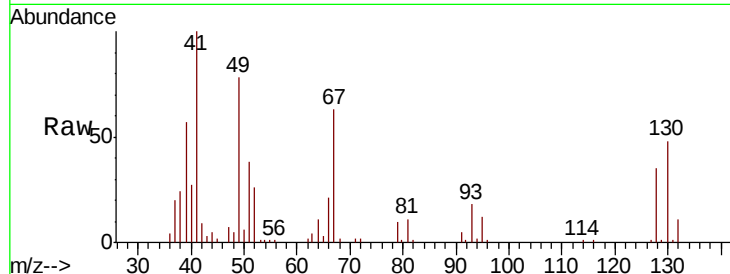




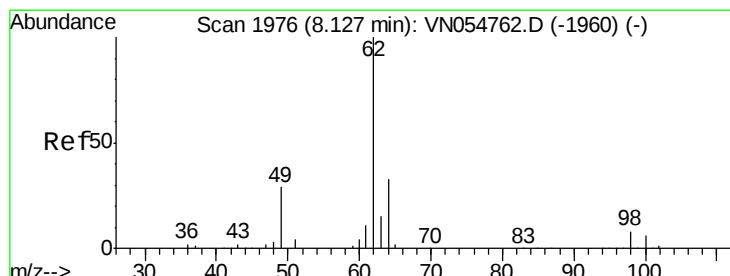
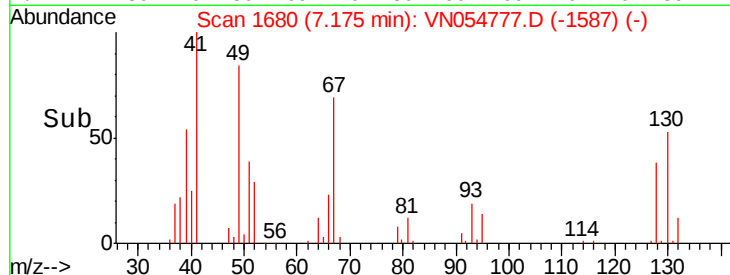
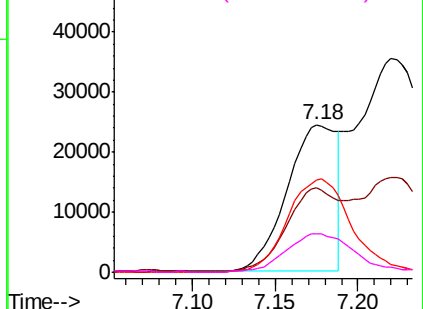
#41
Methacrylonitrile
Concen: 18.435 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 50969
Ion Ratio Lower Upper
41 100
39 60.1 46.8 70.2
67 81.9 67.0 100.4
52 35.8 26.5 39.7

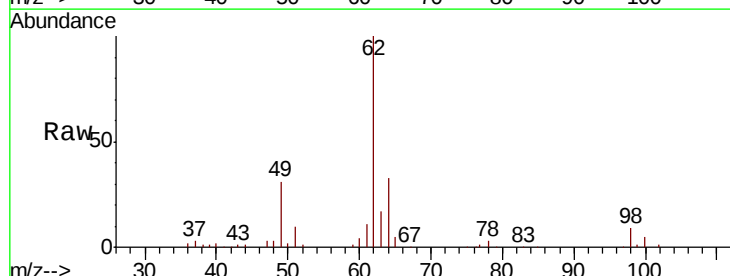


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

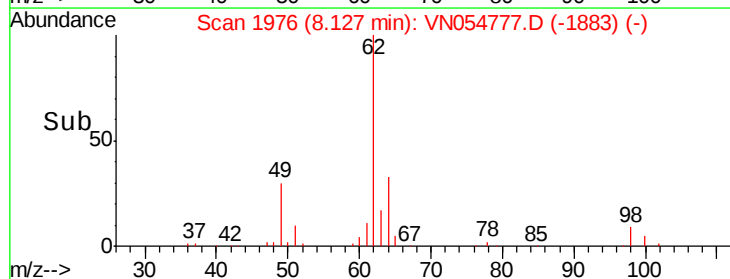
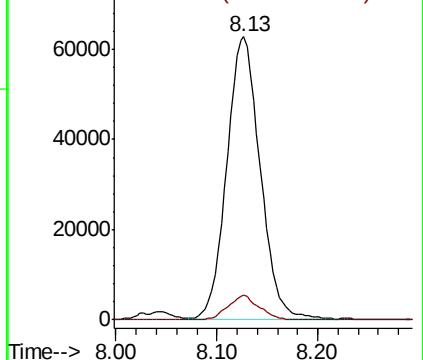


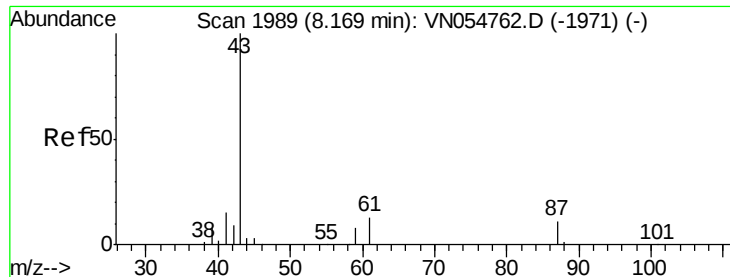
#42
1,2-Dichloroethane
Concen: 20.909 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Tgt Ion: 62 Resp: 143375
Ion Ratio Lower Upper
62 100
98 8.1 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 22.263 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

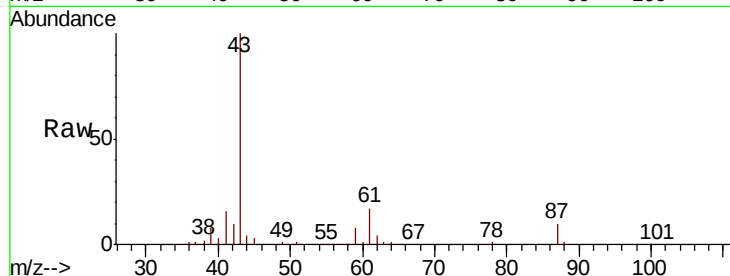
Tot Ion: 43 Resp: 178040

Ion Ratio Lower Upper

43 100

61 17.1 15.8 23.8

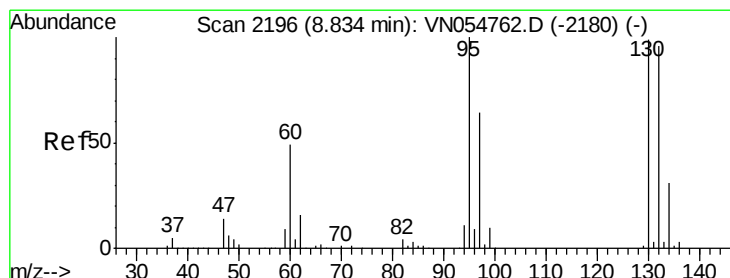
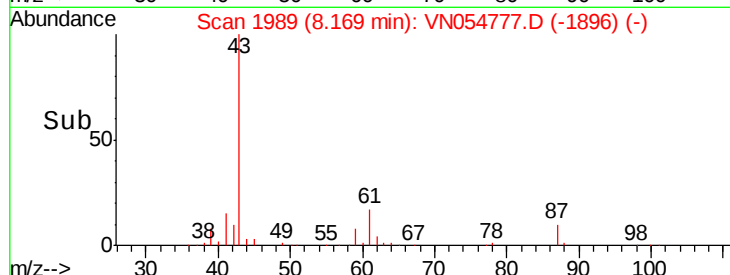
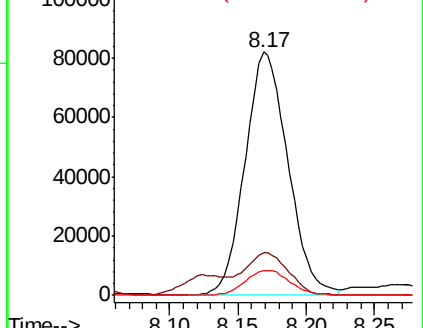
87 10.7 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054762.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054762.D (-1971) (-)



#44

Trichloroethene

Concen: 20.883 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054777.D

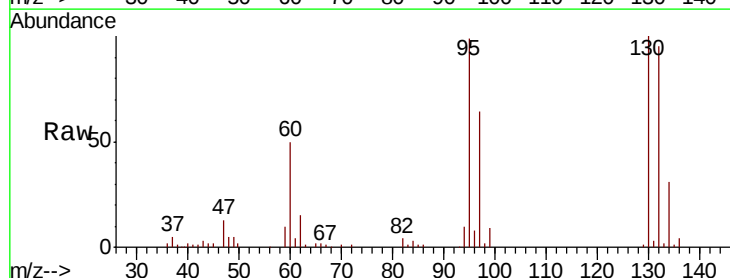
Acq: 29 Mar 2019 18:25

Tgt Ion:130 Resp: 104102

Ion Ratio Lower Upper

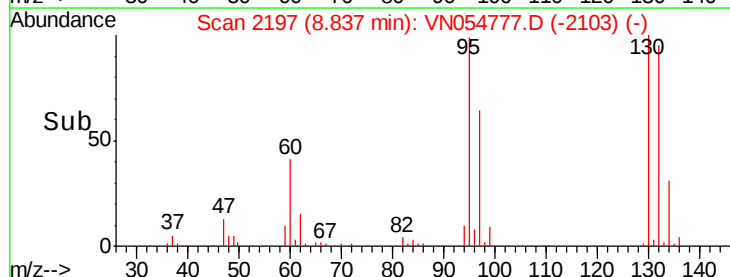
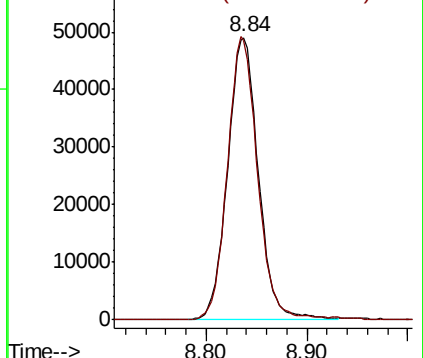
130 100

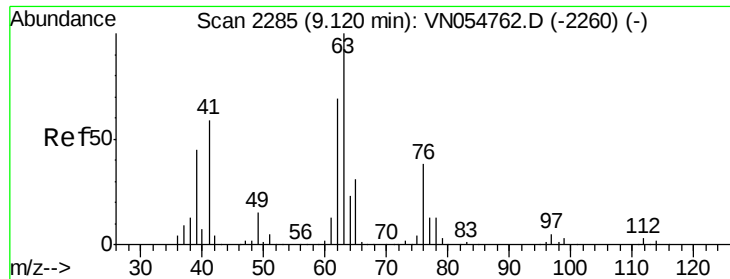
95 98.7 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054762.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN054762.D (-2180) (-)

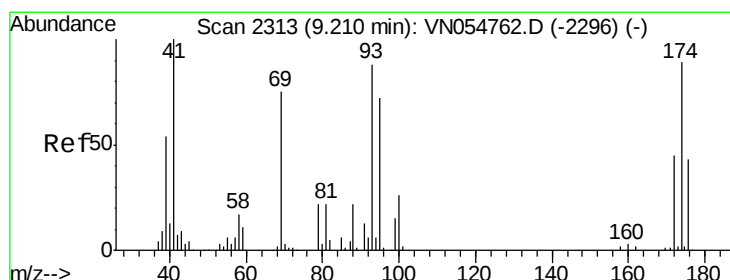
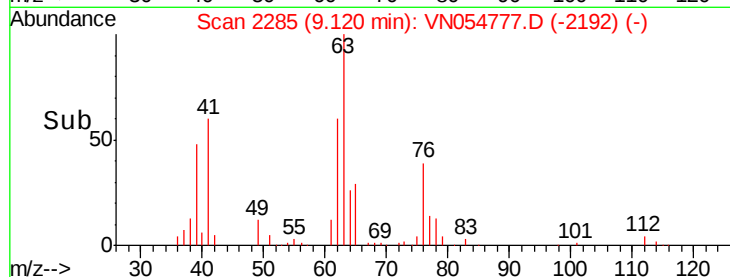
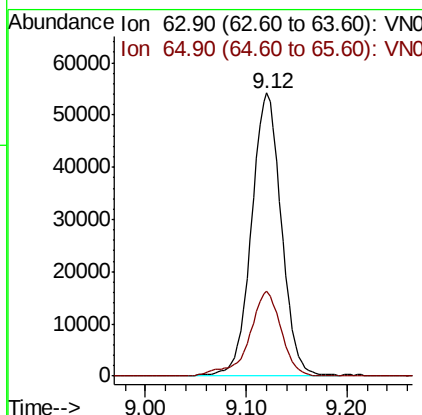
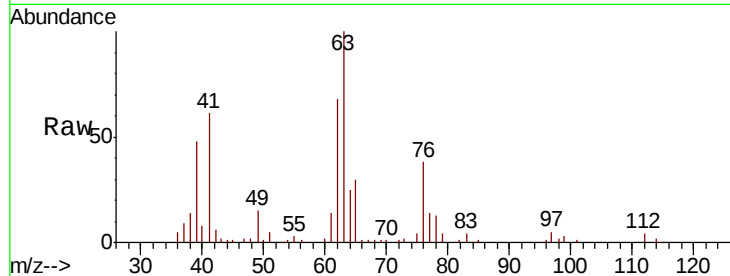




#45
 1,2-Dichloropropane
 Concen: 20.301 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

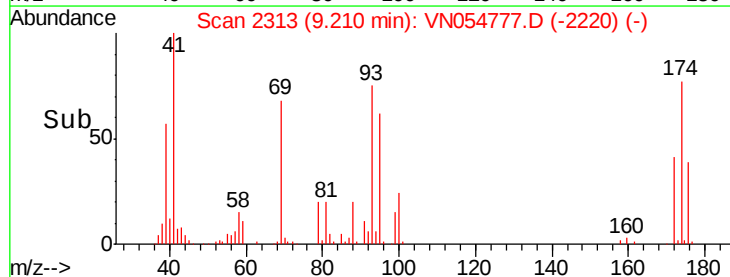
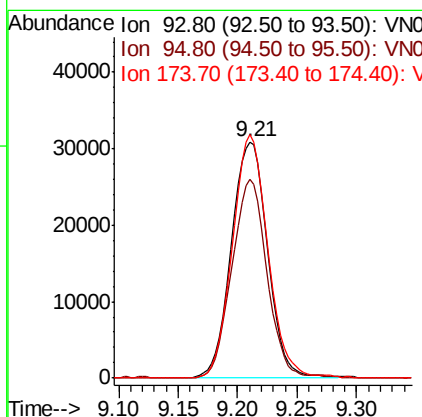
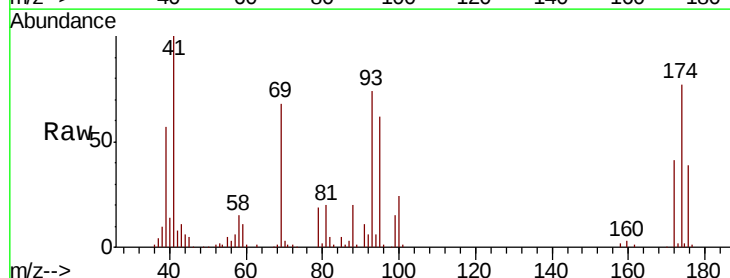
Instrument :
 MSVOA_N
 ClientSampleId :

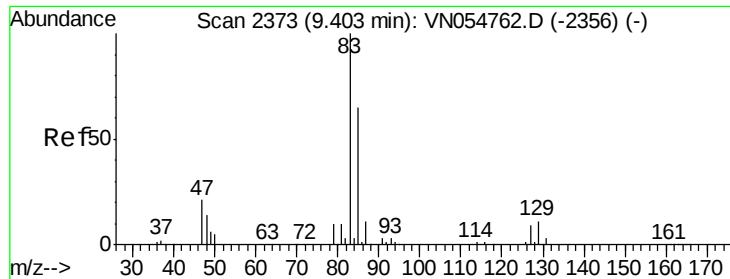
Tot Ion: 63 Resp: 111164
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6



#46
 Dibromomethane
 Concen: 21.207 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

Tgt Ion: 93 Resp: 65326
 Ion Ratio Lower Upper
 93 100
 95 80.9 66.7 100.1
 174 100.1 98.5 147.7





#47

Bromodichloromethane

Concen: 20.360 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

ClientSampled :

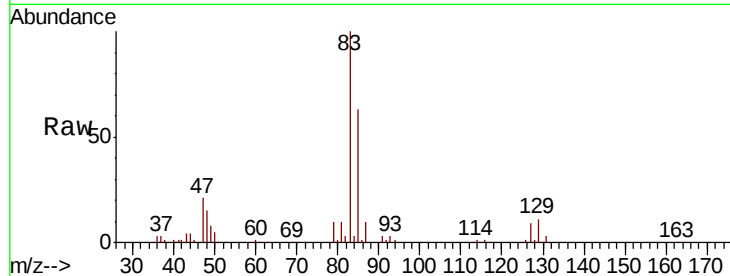
Tot Ion: 83 Resp: 130344

Ion Ratio Lower Upper

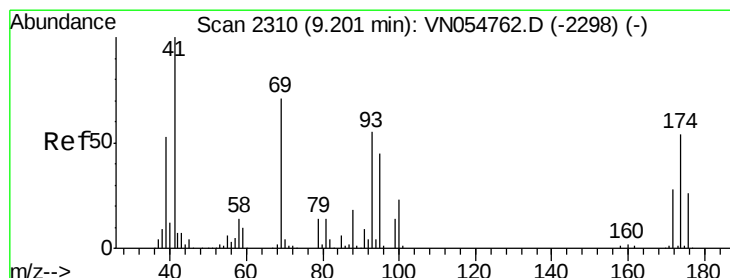
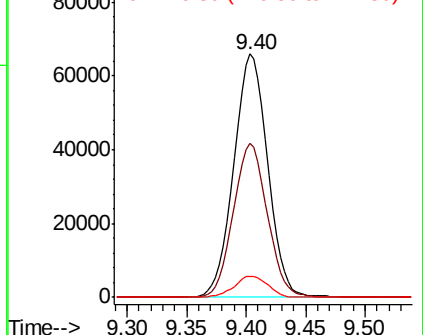
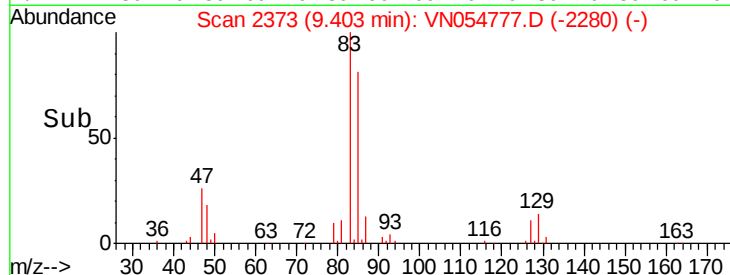
83 100

85 63.2 52.8 79.2

127 8.5 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN054777.D (-2280) (-)



#48

Methyl methacrylate

Concen: 21.367 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

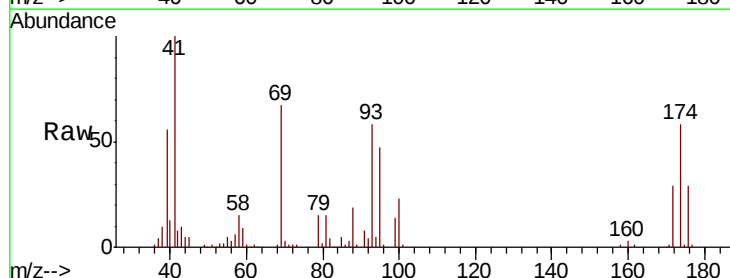
Tgt Ion: 41 Resp: 92626

Ion Ratio Lower Upper

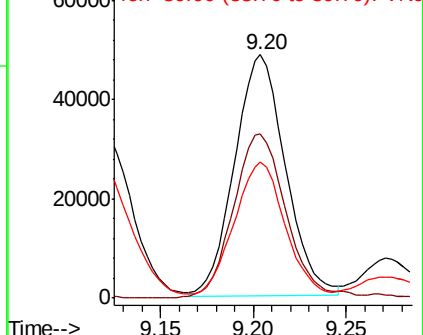
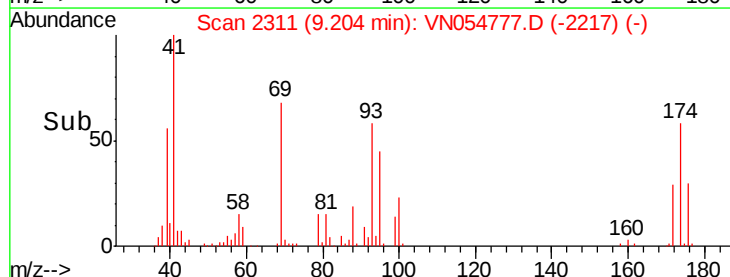
41 100

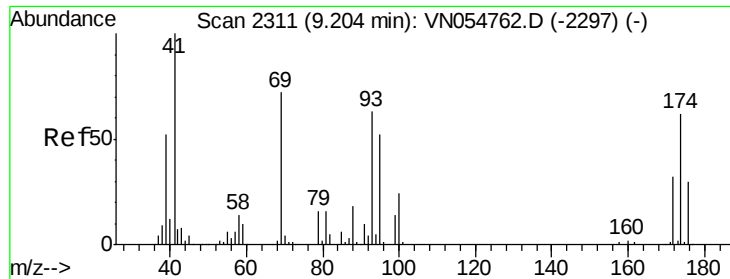
69 70.6 72.6 108.8#

39 56.1 47.5 71.3



Abundance Ion 41.00 (40.70 to 41.70): VN054777.D (-2217) (-)

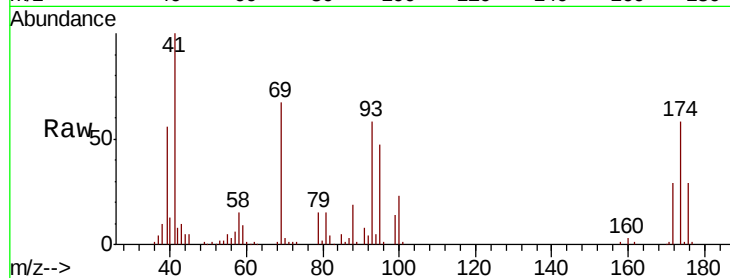




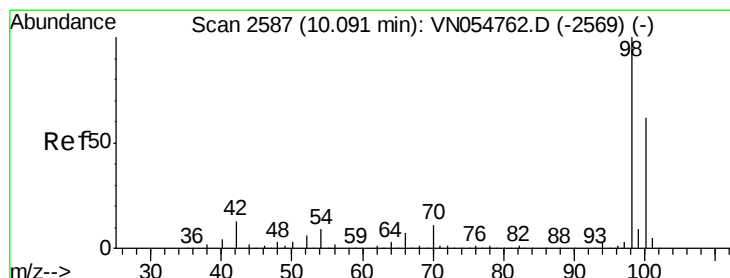
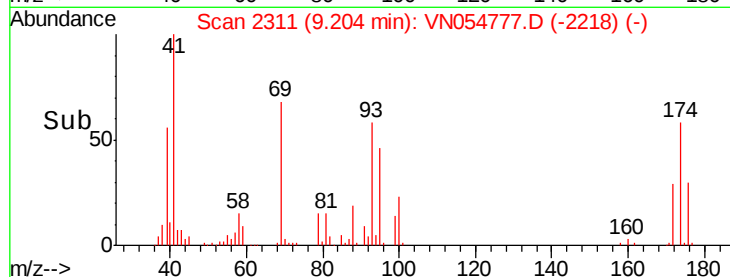
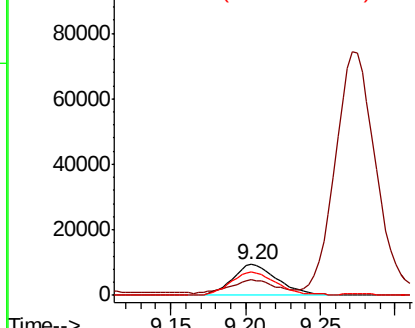
#49
1,4-Dioxane
Concen: 462.773 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 19905
Ion Ratio Lower Upper
88 100
43 41.8 24.1 36.1#
58 76.3 50.8 76.2#

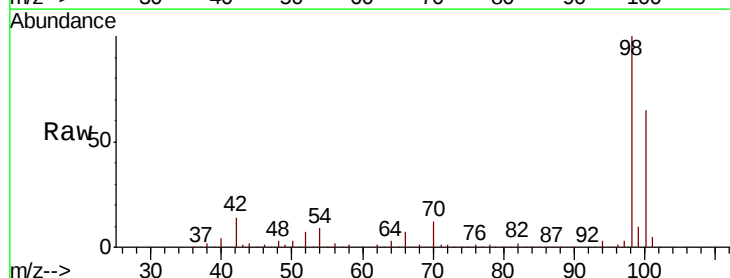


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

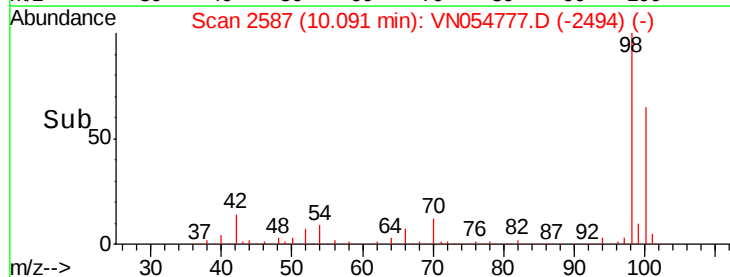
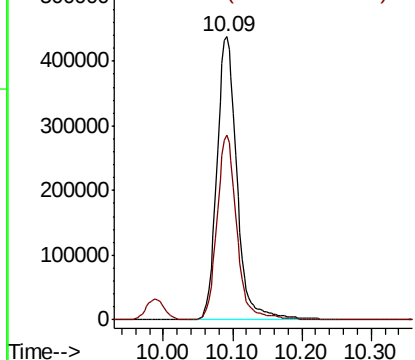


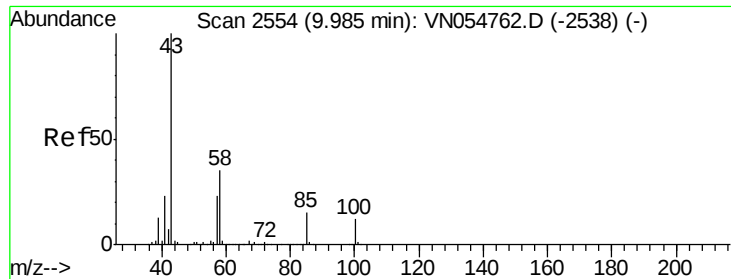
#50
Toluene-d8
Concen: 49.422 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Tgt Ion: 98 Resp: 882305
Ion Ratio Lower Upper
98 100
100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 116.279 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

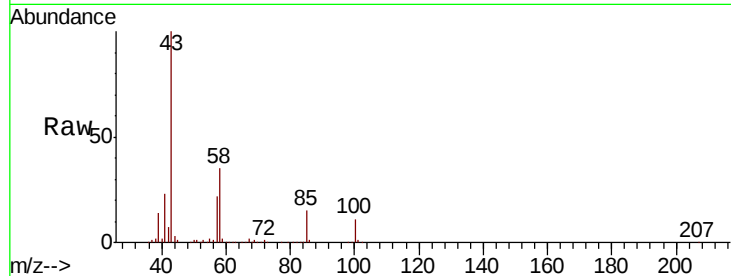
ClientSampled :

Tot Ion: 43 Resp: 522803

Ion Ratio Lower Upper

43 100

58 35.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN054762.D (-2538) (-)

9.99

300000

250000

200000

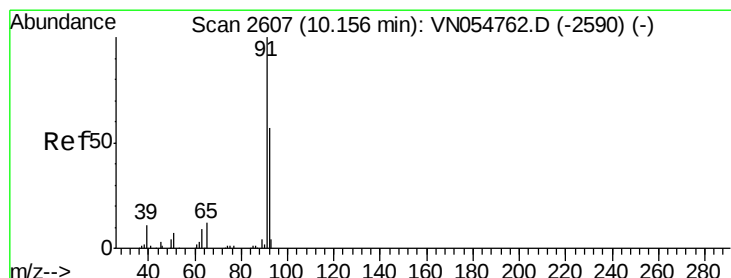
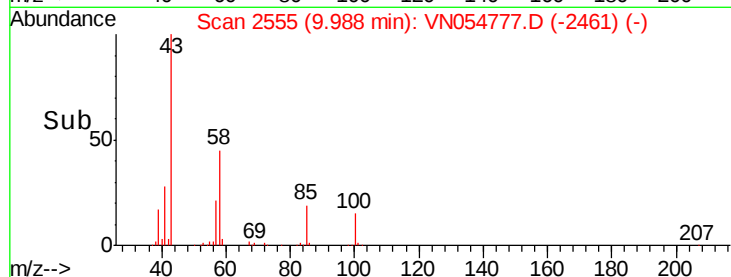
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.304 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054777.D

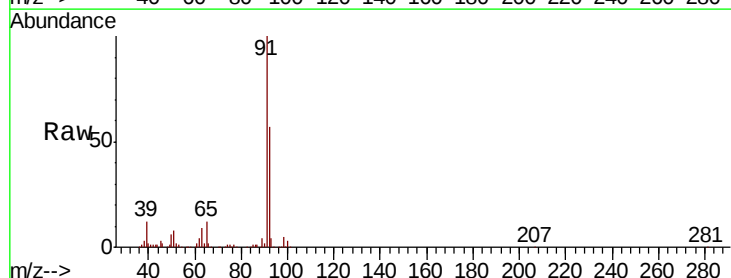
Acq: 29 Mar 2019 18:25

Tgt Ion: 92 Resp: 232010

Ion Ratio Lower Upper

92 100

91 179.1 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN054762.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN054762.D (-2590) (-)

250000

200000

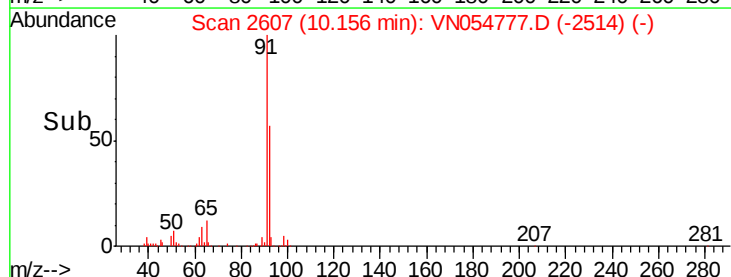
150000

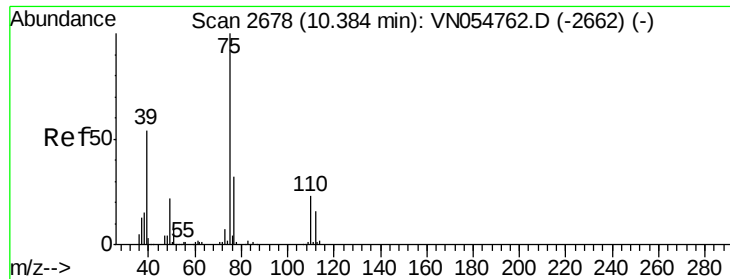
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.518 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

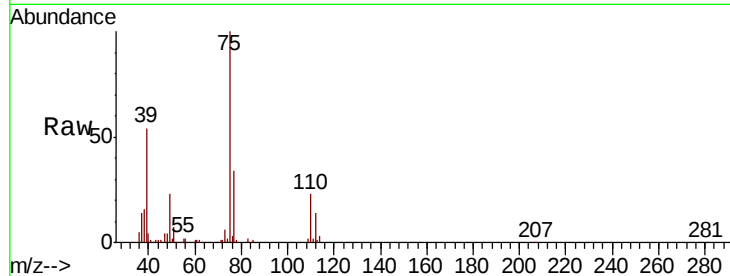
ClientSampleId :

Tot Ion: 75 Resp: 117540

Ion Ratio Lower Upper

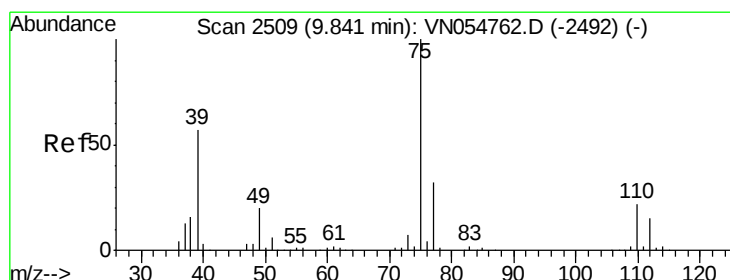
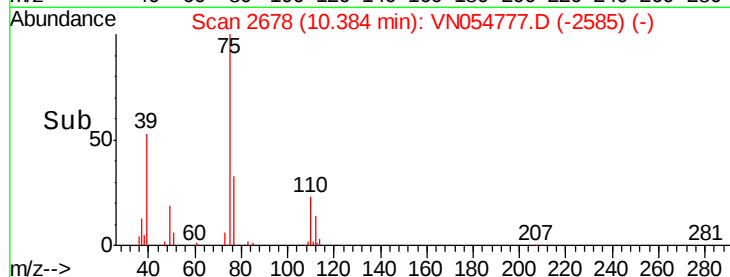
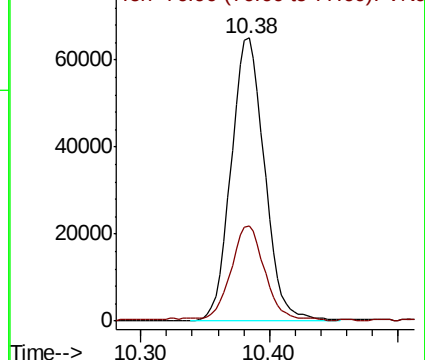
75 100

77 33.2 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.997 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

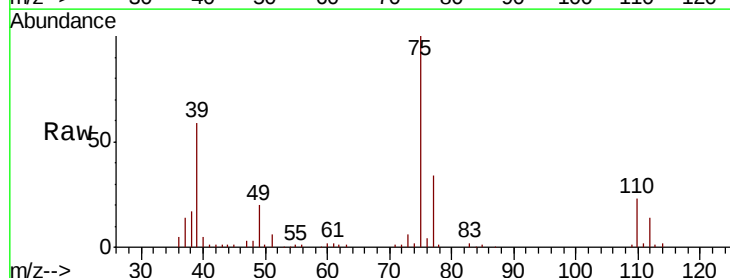
Tgt Ion: 75 Resp: 143850

Ion Ratio Lower Upper

75 100

77 33.6 25.4 38.0

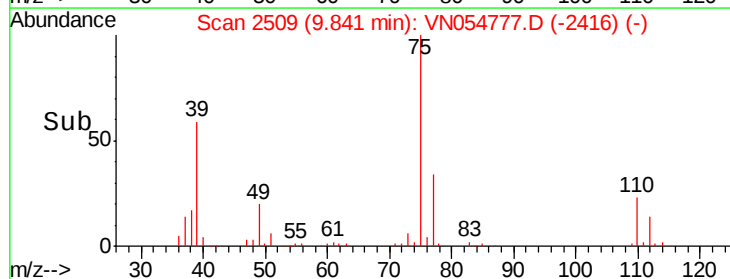
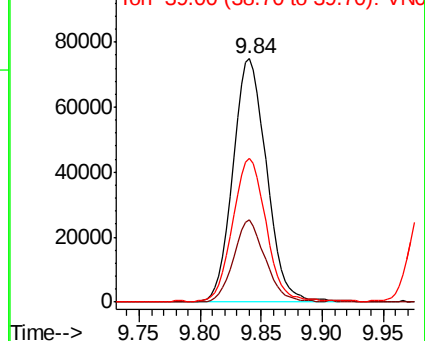
39 58.9 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.953 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

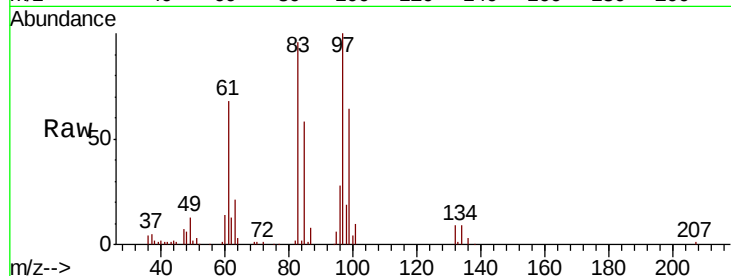
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 89030

Ion	Ratio	Lower	Upper
97	100		
83	96.4	66.6	100.0
85	57.7	44.4	66.6
99	63.5	50.8	76.2

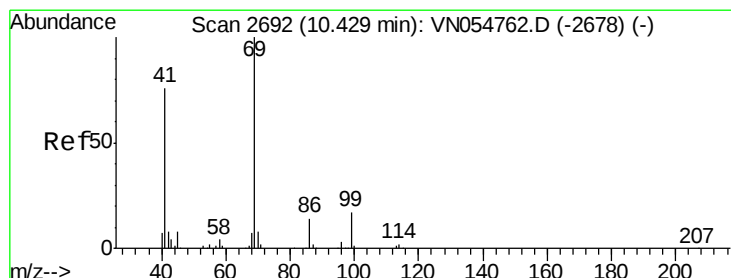
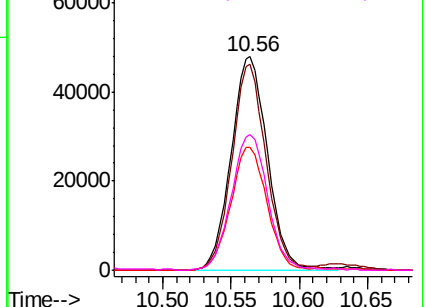
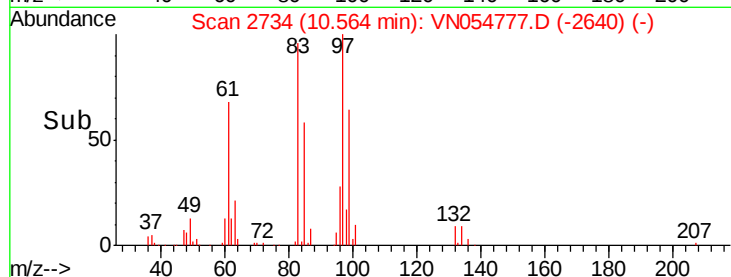


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 20.642 ug/l

RT: 10.43 min Scan# 2692

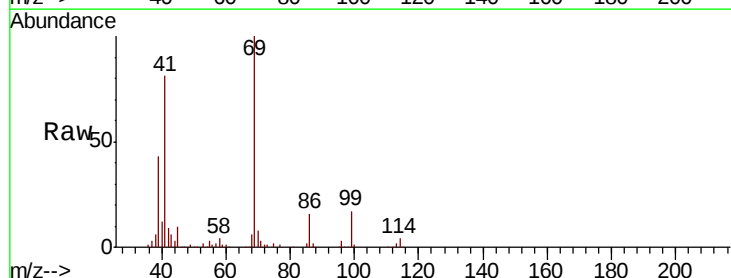
Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Tgt Ion: 69 Resp: 115055

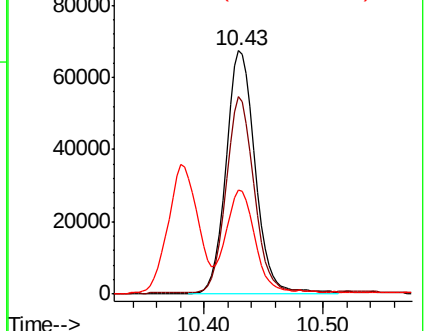
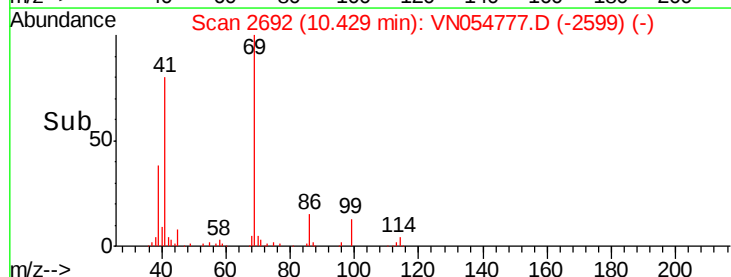
Ion	Ratio	Lower	Upper
69	100		
41	77.2	49.4	74.2#
39	41.0	28.3	42.5

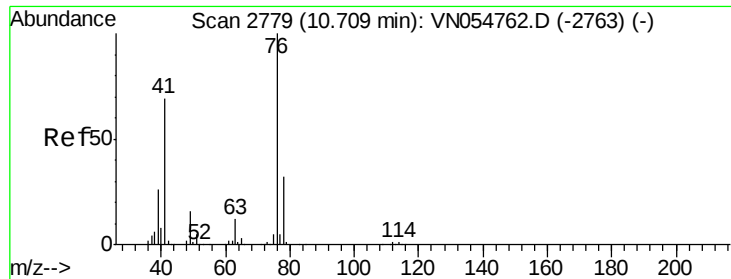


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

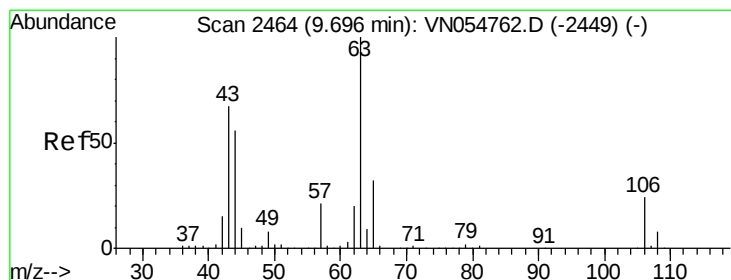
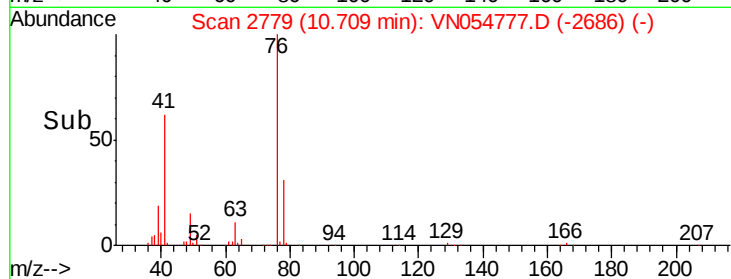
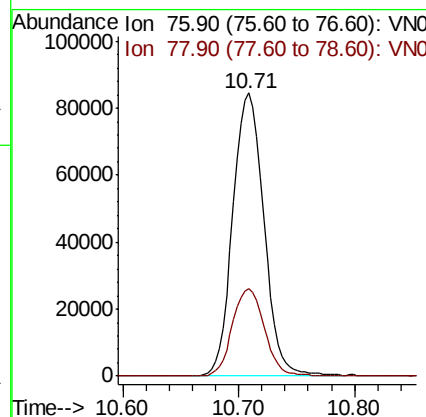
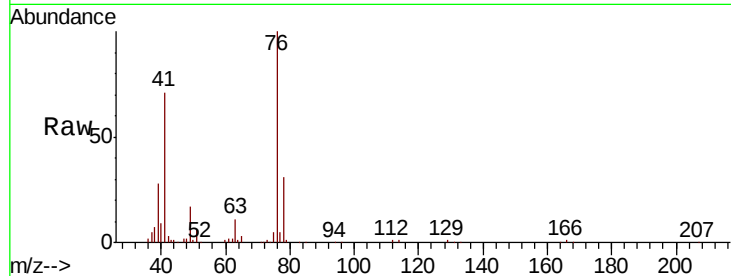




#57
 1,3-Dichloropropane
 Concen: 21.580 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

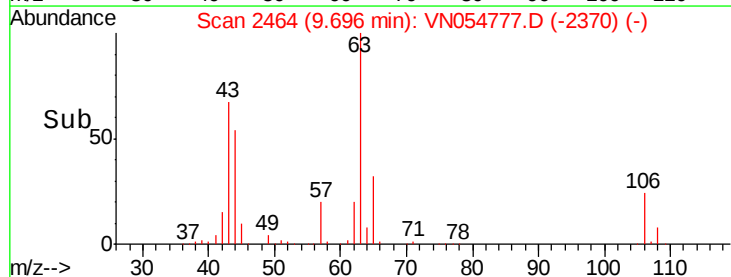
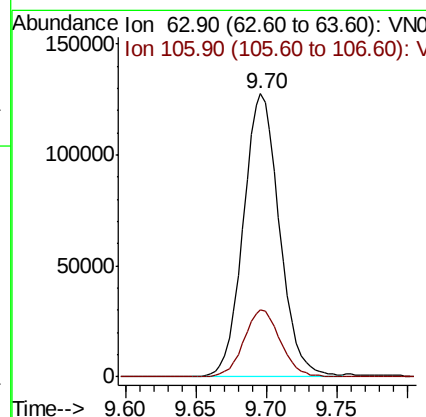
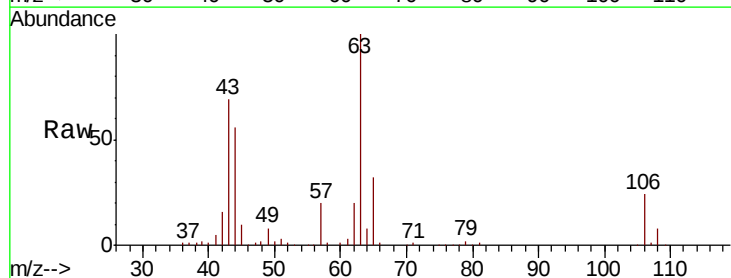
Instrument :
 MSVOA_N
 ClientSampled :

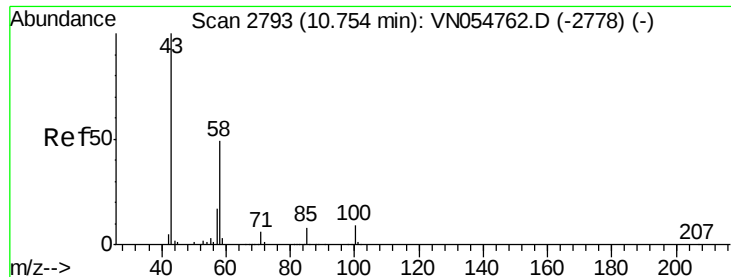
Tot Ion: 76 Resp: 157639
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.875 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

Tgt Ion: 63 Resp: 229234
 Ion Ratio Lower Upper
 63 100
 106 24.0 24.4 36.6#

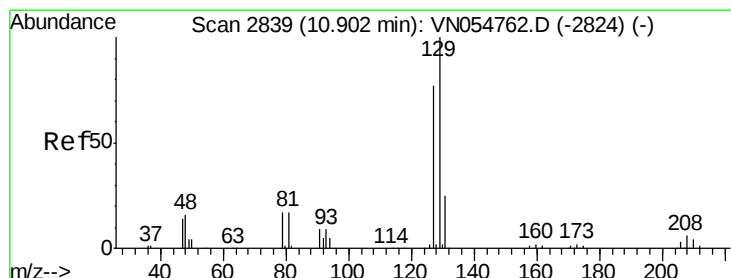
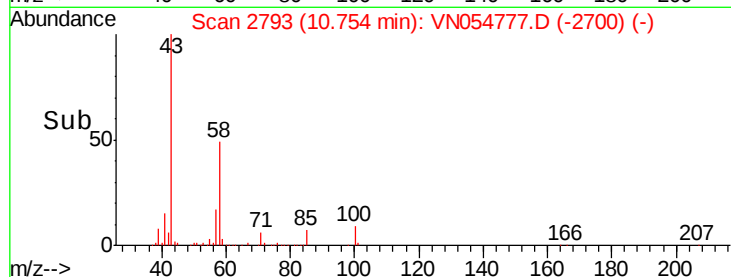
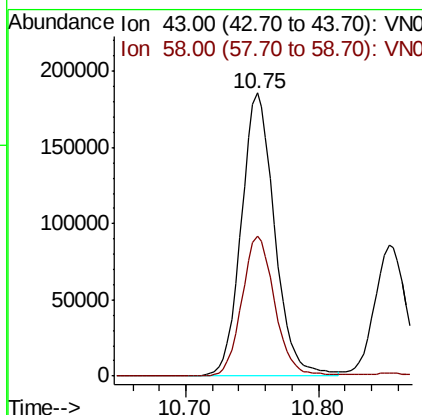
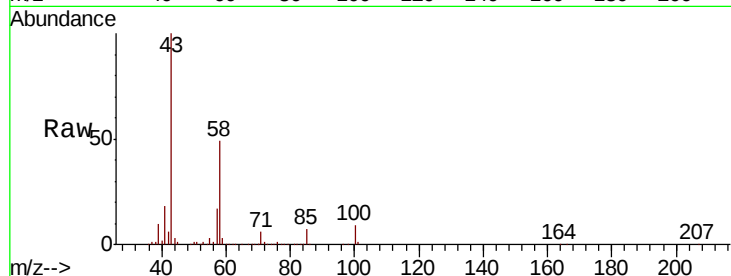




#59
2-Hexanone
Concen: 111.655 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

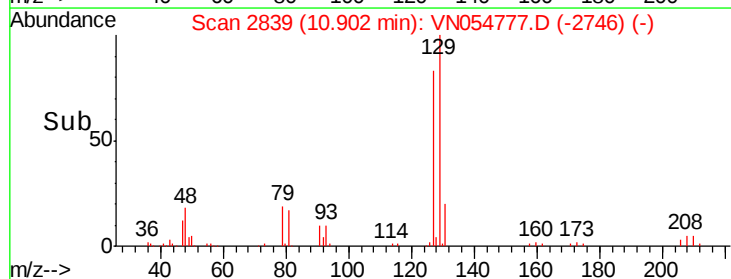
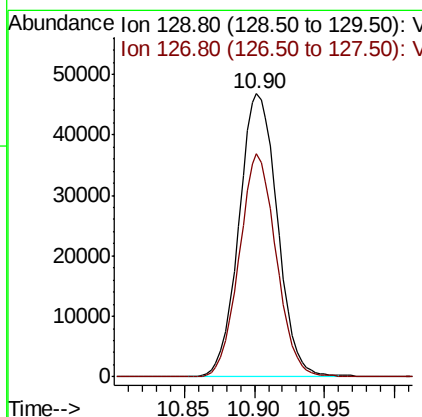
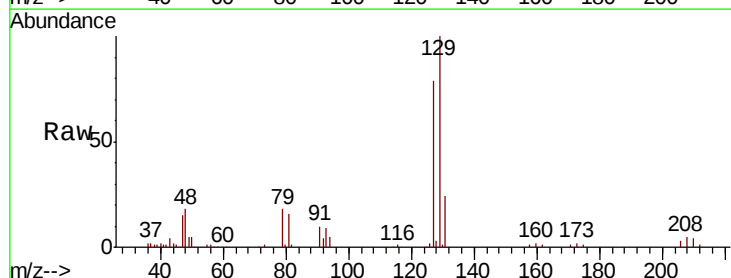
Instrument :
MSVOA_N
ClientSampled :

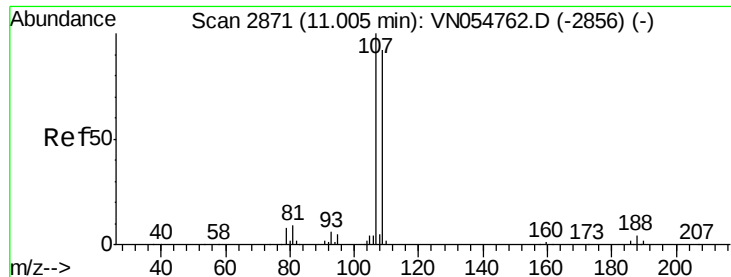
Tot Ion: 43 Resp: 321367
Ion Ratio Lower Upper
43 100
58 49.2 28.0 83.9



#60
Dibromochloromethane
Concen: 20.776 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Tgt Ion: 129 Resp: 89424
Ion Ratio Lower Upper
129 100
127 75.8 38.6 115.8

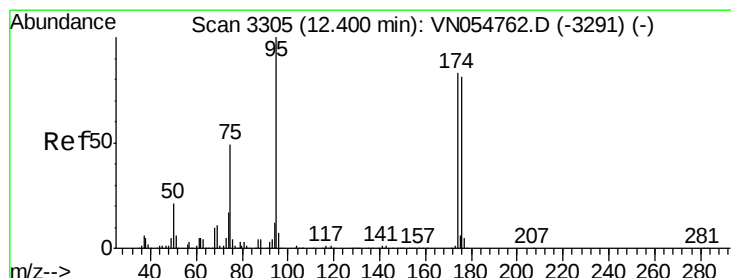
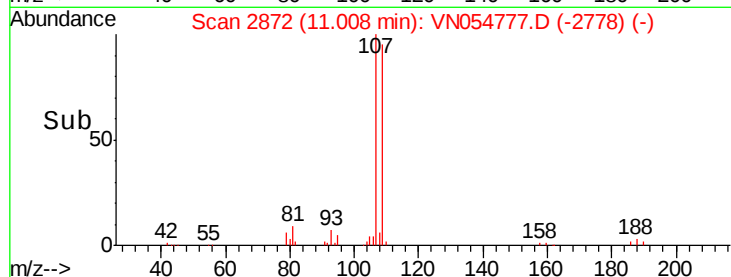
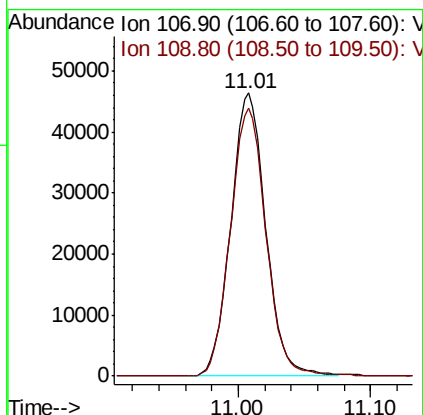
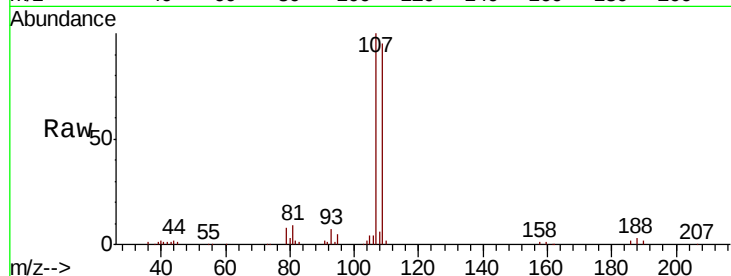




#61
 1,2-Dibromoethane
 Concen: 20.892 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

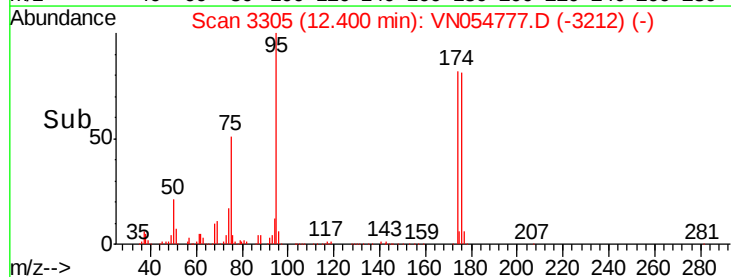
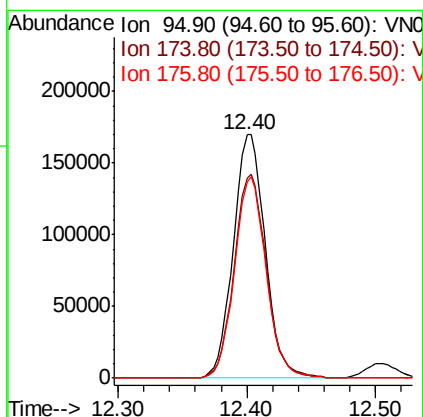
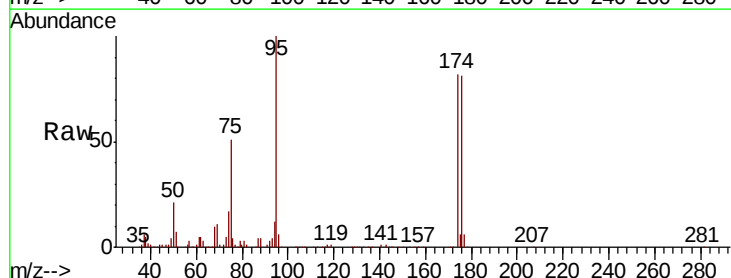
Instrument :
 MSVOA_N
 ClientSampleId :

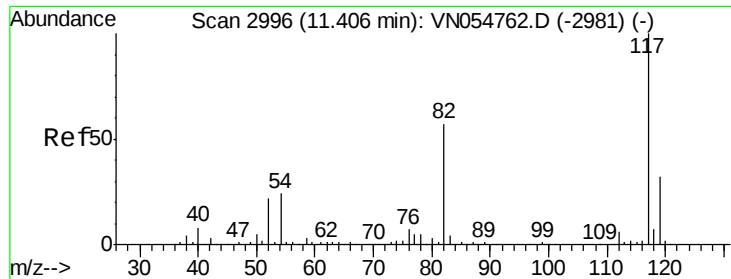
Tot Ion:107 Resp: 84832
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.401 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

Tgt Ion: 95 Resp: 293307
 Ion Ratio Lower Upper
 95 100
 174 84.1 0.0 191.0
 176 81.6 0.0 187.4

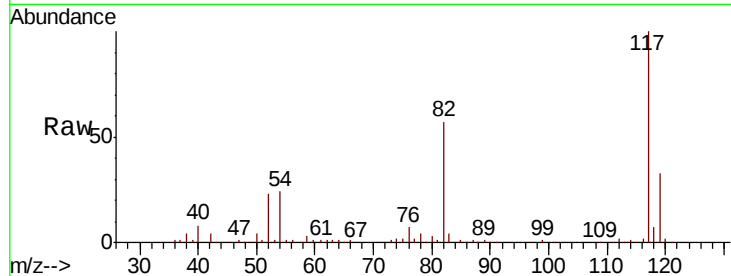




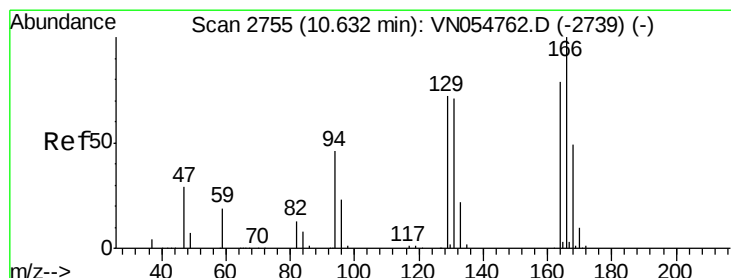
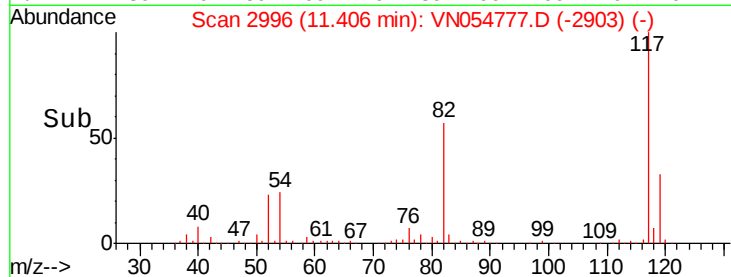
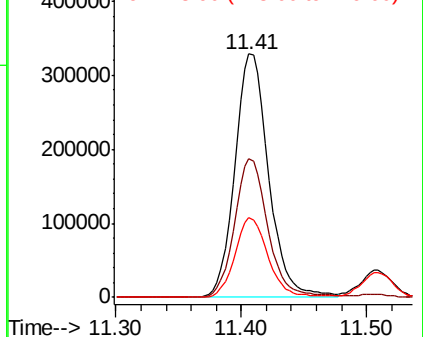
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 615027
Ion Ratio Lower Upper
117 100
82 57.1 40.0 60.0
119 32.5 25.8 38.6

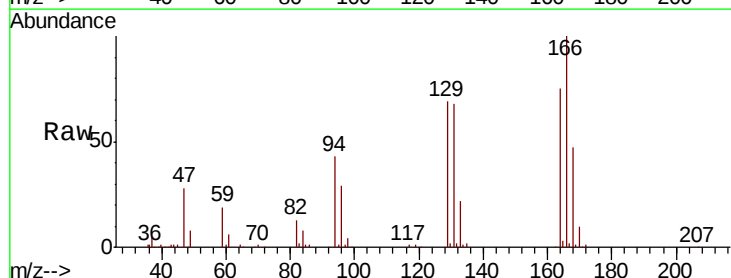


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

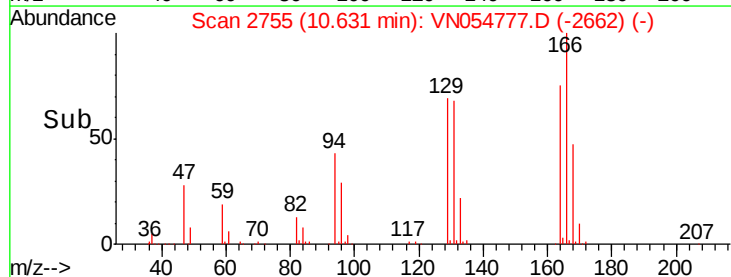
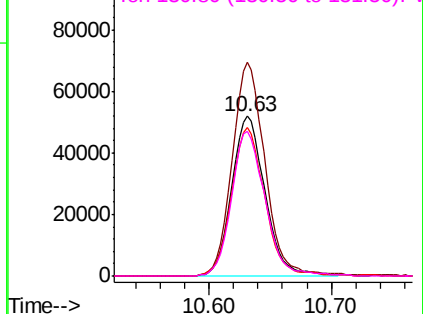


#64
Tetrachloroethene
Concen: 20.883 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Tgt Ion:164 Resp: 98559
Ion Ratio Lower Upper
164 100
166 133.7 103.9 155.9
129 92.9 71.1 106.7
131 90.9 68.2 102.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

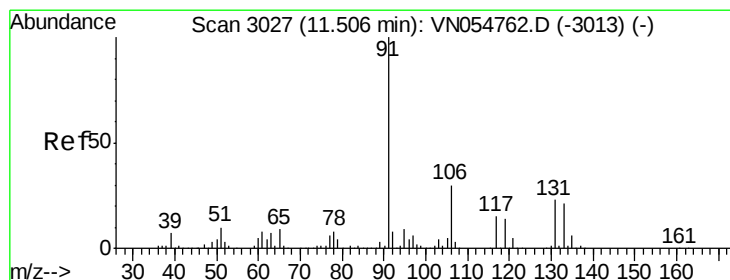
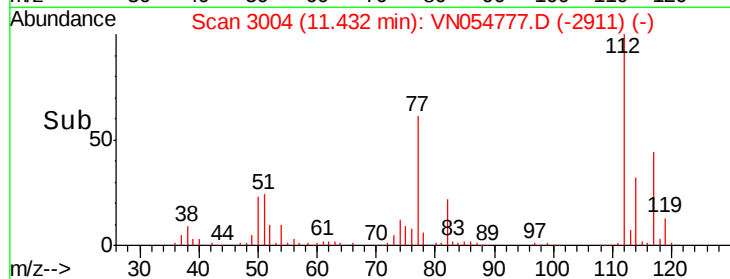
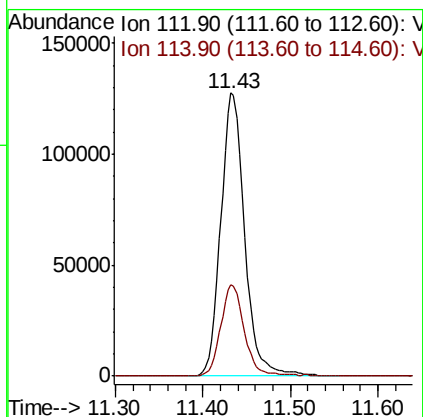
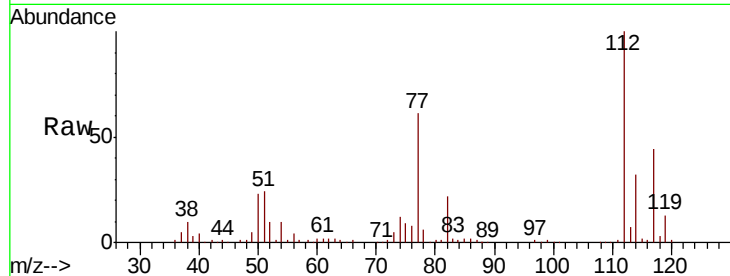




#65
Chlorobenzene
Concen: 20.074 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

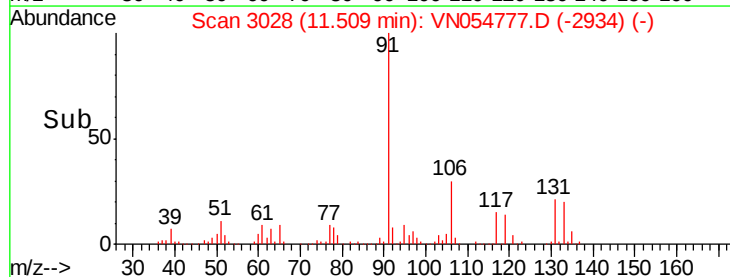
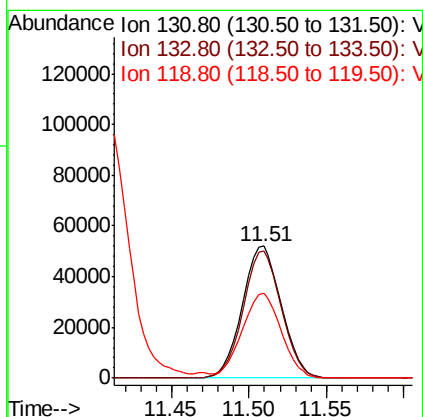
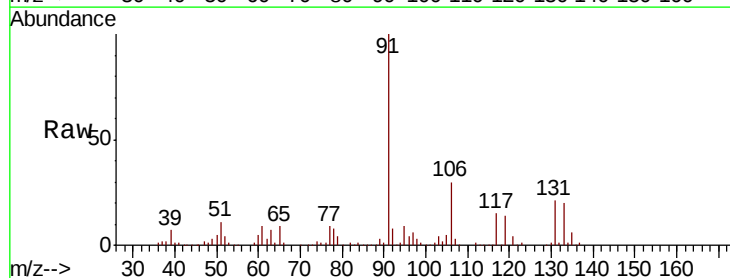
Instrument :
MSVOA_N
ClientSampled :

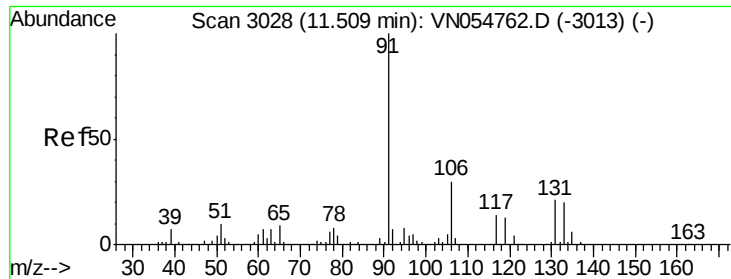
Tot Ion:112 Resp: 241726
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.299 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Tgt Ion:131 Resp: 91490
Ion Ratio Lower Upper
131 100
133 94.0 47.6 142.9
119 64.6 32.4 97.0

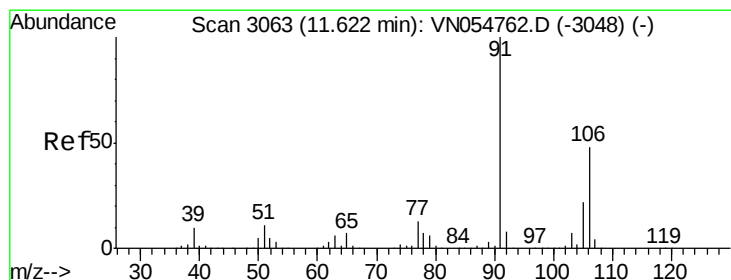
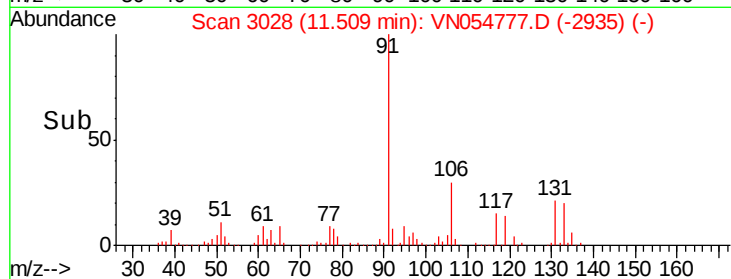
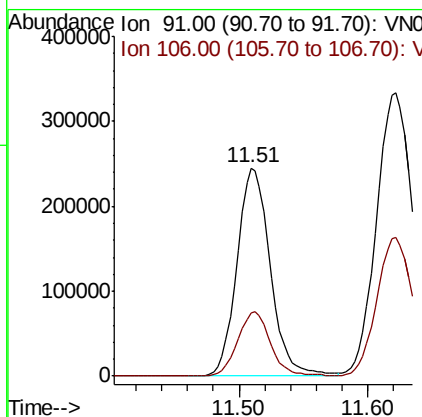
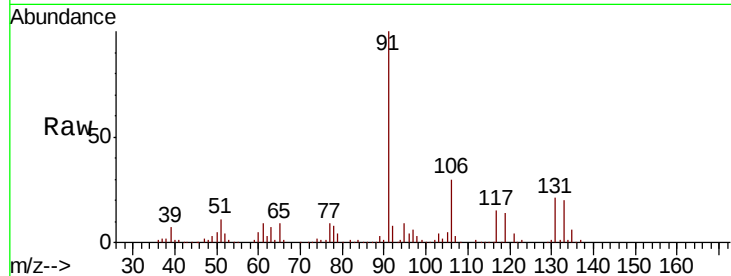




#67
Ethyl Benzene
Concen: 20.291 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

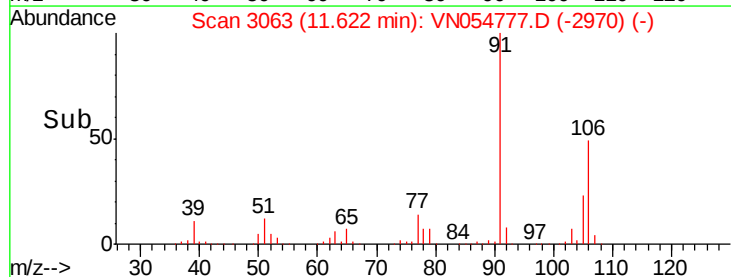
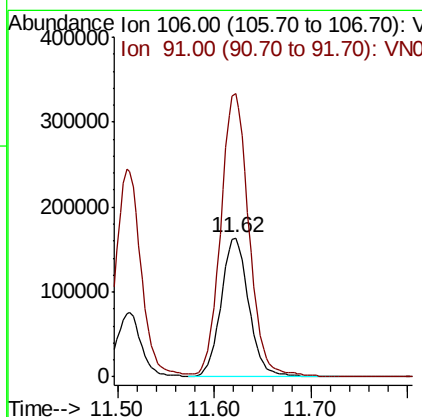
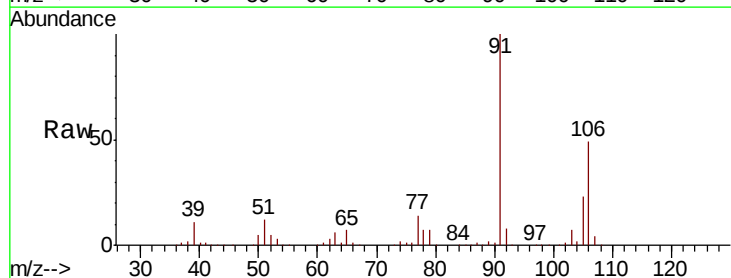
Instrument :
MSVOA_N
ClientSampled :

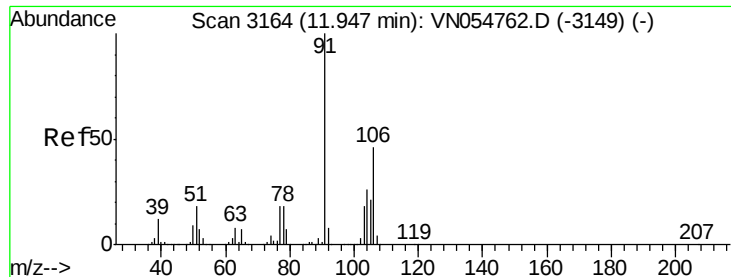
Tot Ion: 91 Resp: 440917
Ion Ratio Lower Upper
91 100
106 30.1 25.5 38.3



#68
m/p-Xylenes
Concen: 40.678 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Tgt Ion: 106 Resp: 327105
Ion Ratio Lower Upper
106 100
91 206.7 159.4 239.2

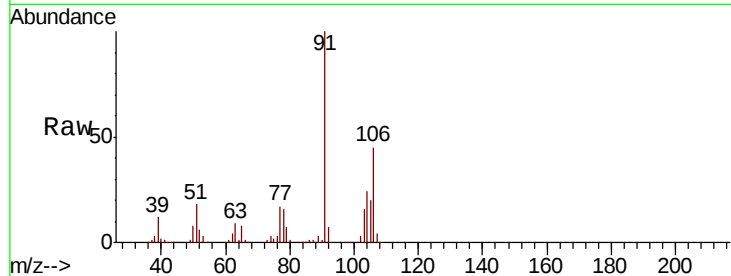




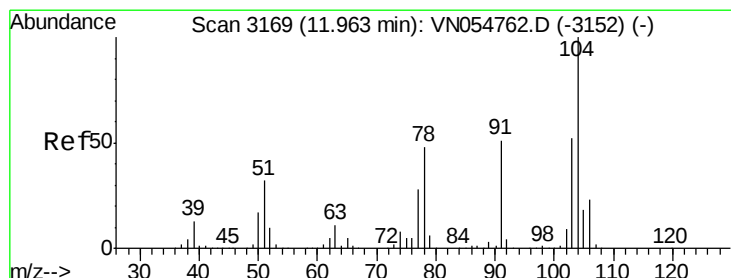
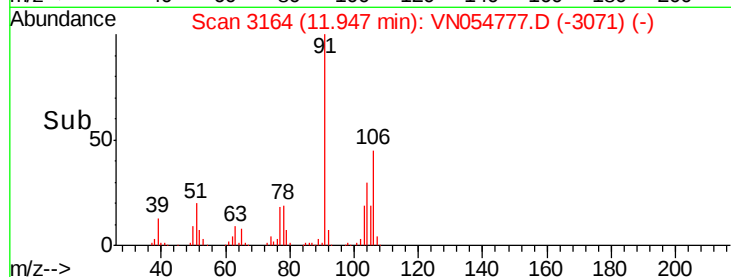
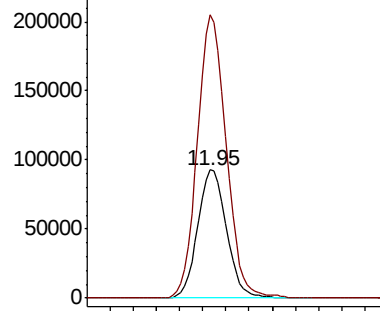
#69
o-Xylene
Concen: 20.260 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 159760
Ion Ratio Lower Upper
106 100
91 220.3 105.7 317.1

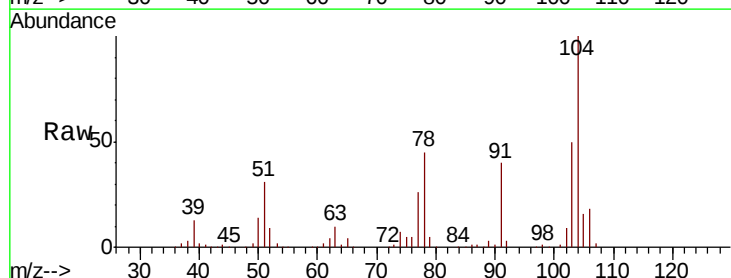


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

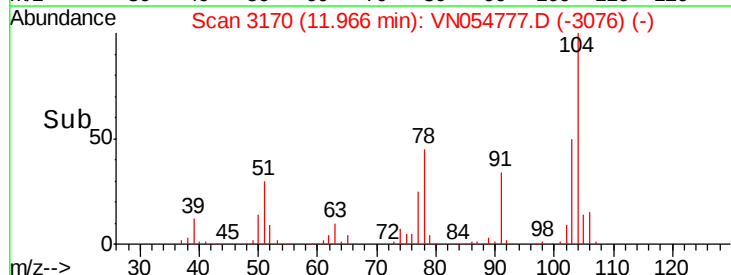
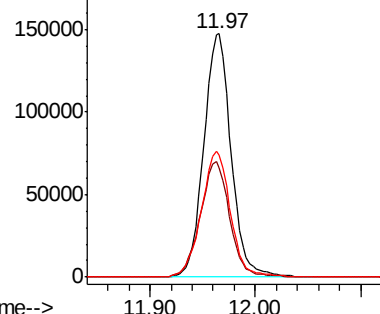


#70
Styrene
Concen: 20.974 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Tgt Ion:104 Resp: 264436
Ion Ratio Lower Upper
104 100
78 51.1 38.2 57.2
103 55.1 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

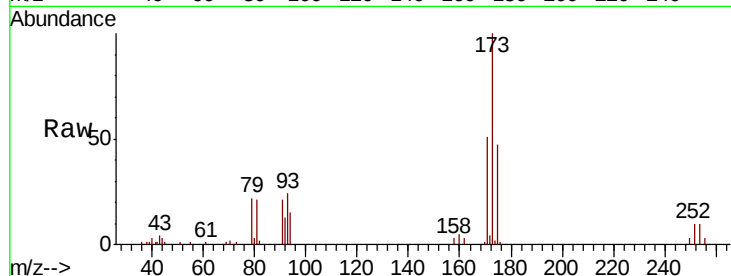




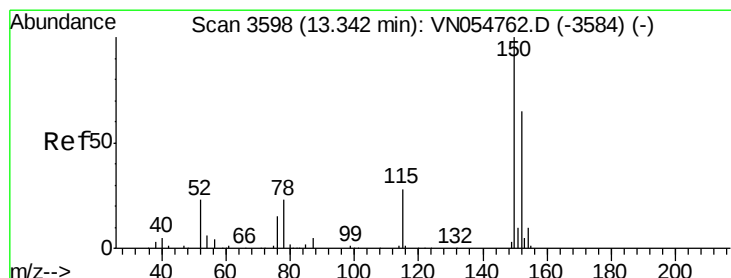
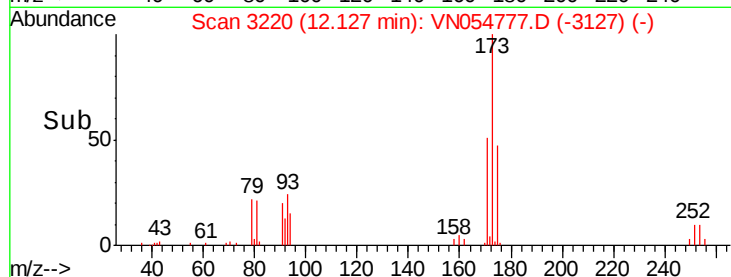
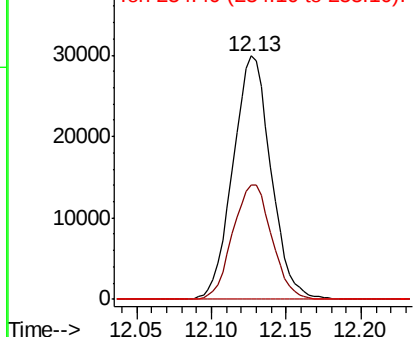
#71
Bromoform
Concen: 20.040 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 52914
Ion Ratio Lower Upper
173 100
175 48.1 24.4 73.2
254 0.0 0.1 0.1#

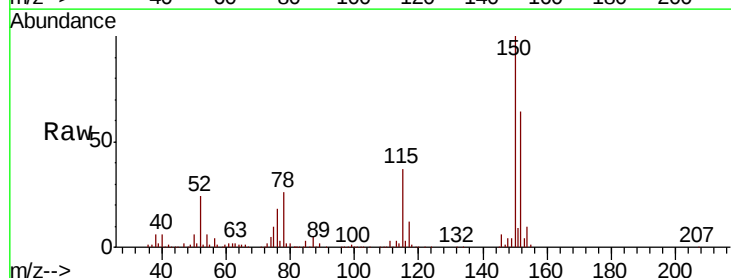


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

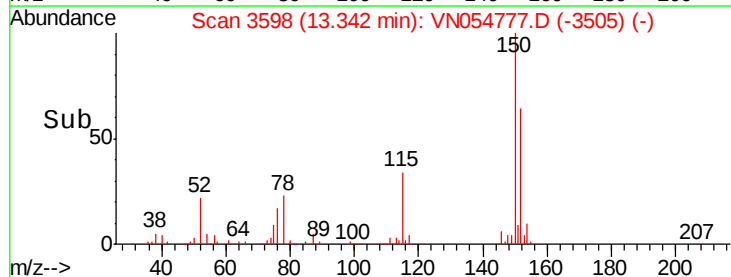
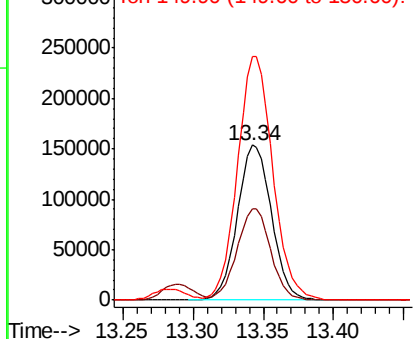


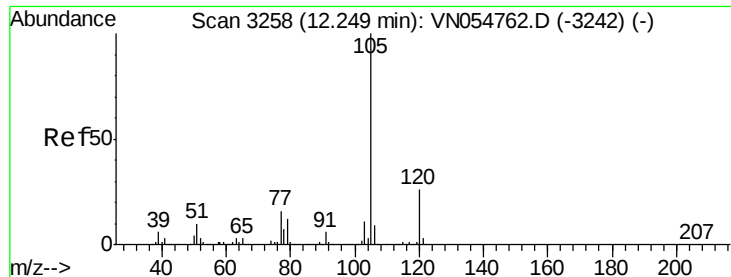
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Tgt Ion:152 Resp: 260891
Ion Ratio Lower Upper
152 100
115 58.2 27.2 81.6
150 162.6 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.771 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

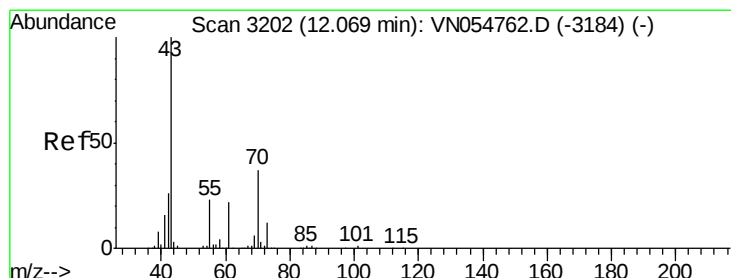
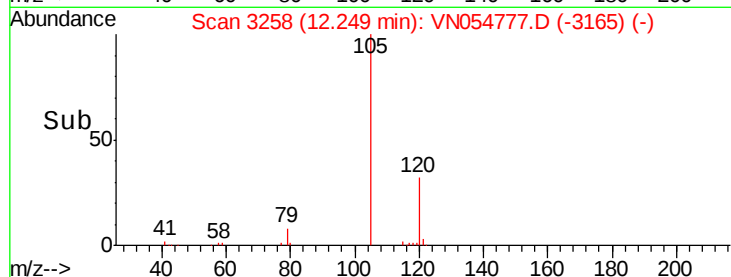
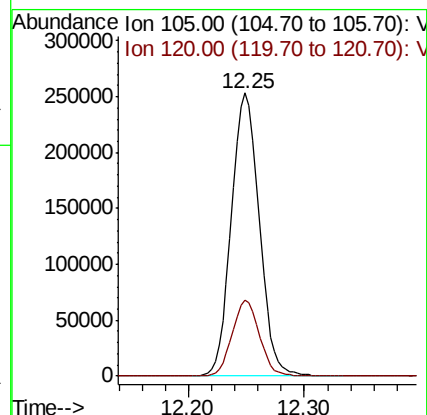
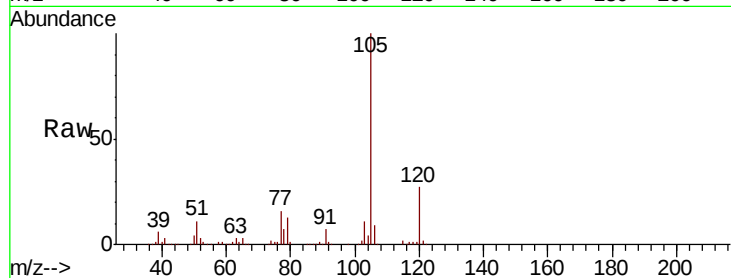
ClientSampled :

Tot Ion:105 Resp: 421597

Ion Ratio Lower Upper

105 100

120 26.1 13.8 41.3



#74

N-ethyl acetate

Concen: 20.847 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Tgt Ion: 43 Resp: 138496

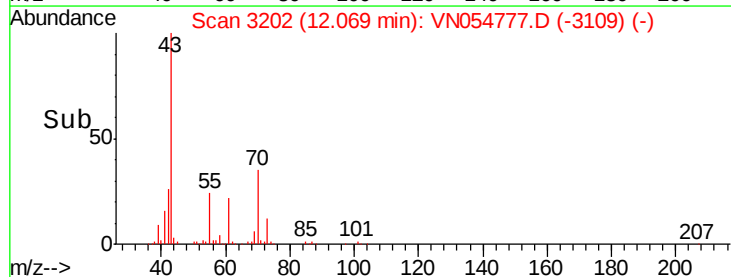
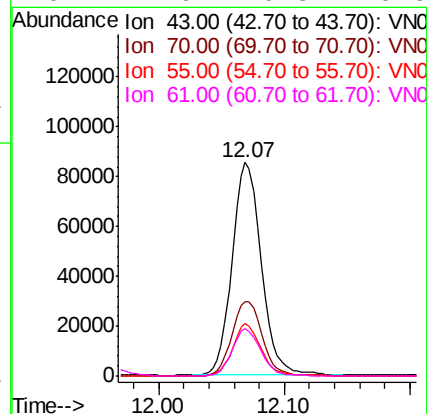
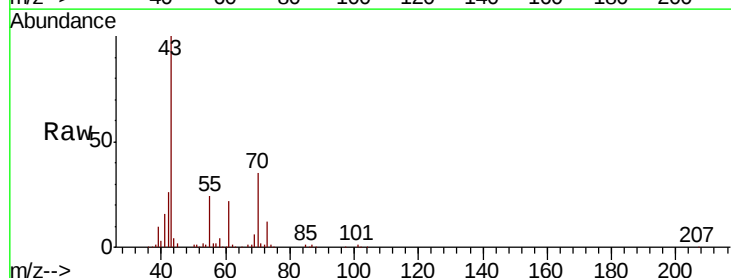
Ion Ratio Lower Upper

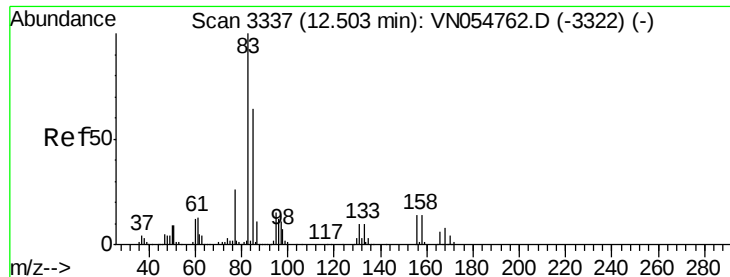
43 100

70 36.1 35.4 53.0

55 24.0 19.8 29.6

61 21.9 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.648 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

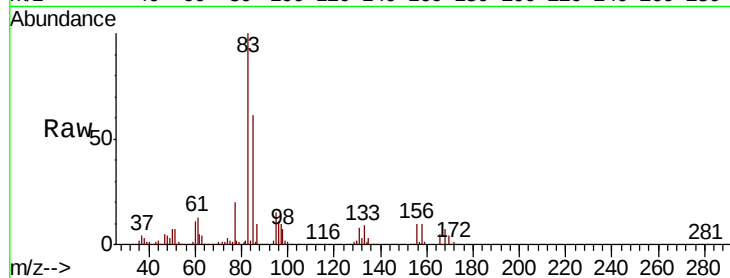
Tot Ion: 83 Resp: 110868

Ion Ratio Lower Upper

83 100

131 9.6 5.8 17.4

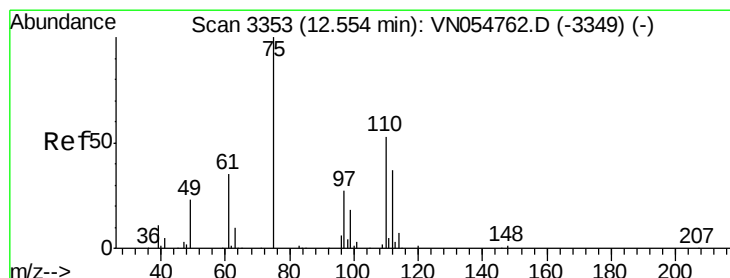
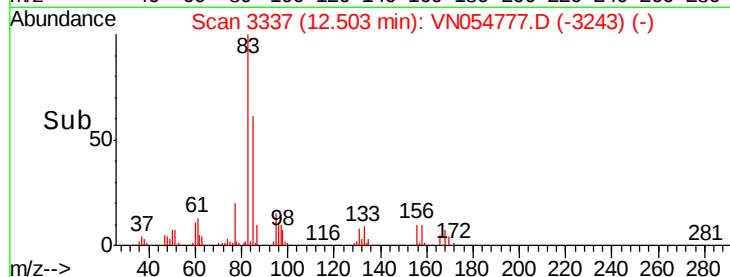
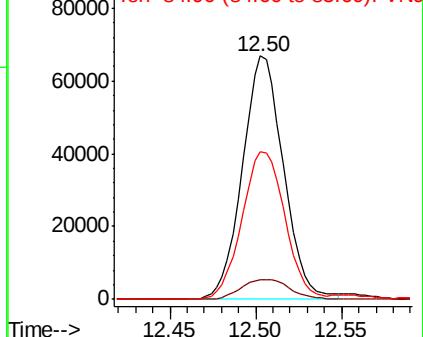
85 63.2 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN054777.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN054777.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN054777.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 28.531 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054777.D

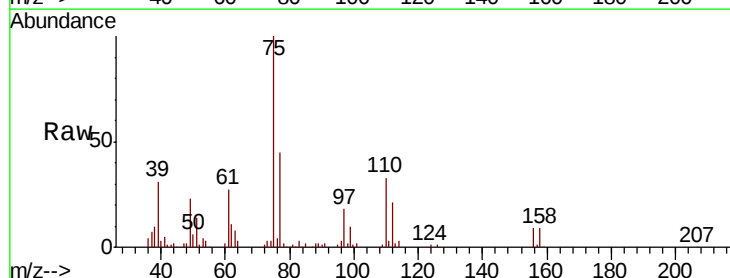
Acq: 29 Mar 2019 18:25

Tgt Ion: 75 Resp: 129311

Ion Ratio Lower Upper

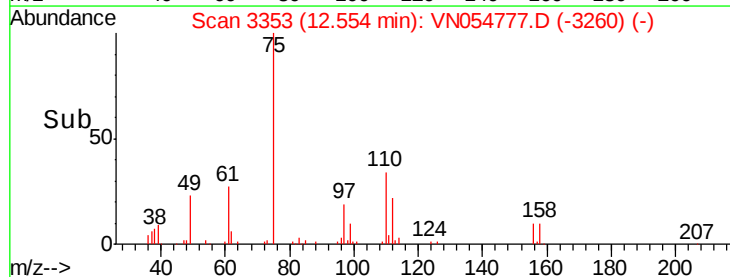
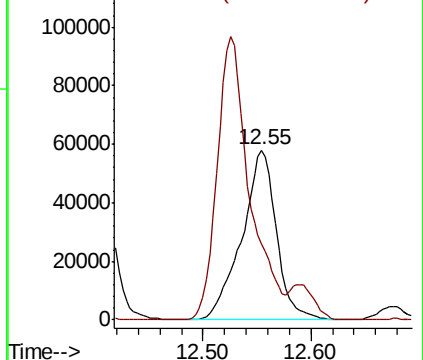
75 100

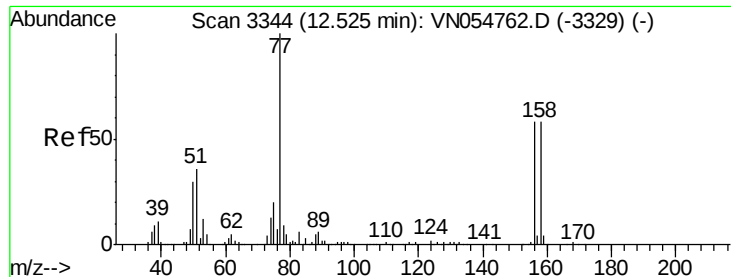
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054777.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN054777.D (-3260) (-)





#77

Bromobenzene

Concen: 20.062 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

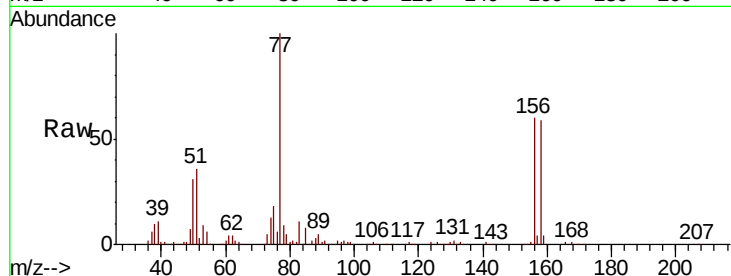
Tot Ion:156 Resp: 103247

Ion Ratio Lower Upper

156 100

77 196.5 81.5 244.4

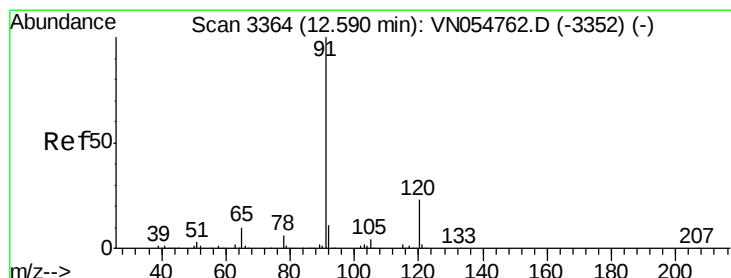
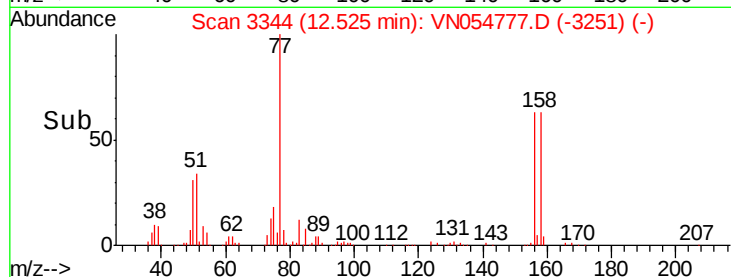
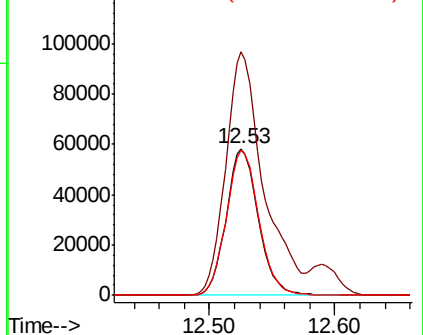
158 100.1 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.988 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054777.D

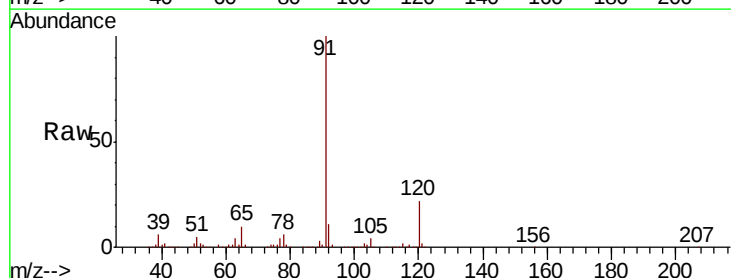
Acq: 29 Mar 2019 18:25

Tgt Ion: 91 Resp: 468463

Ion Ratio Lower Upper

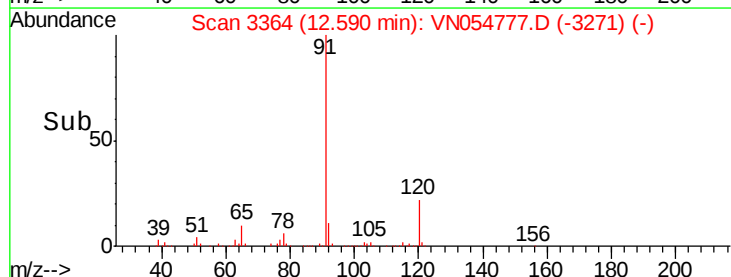
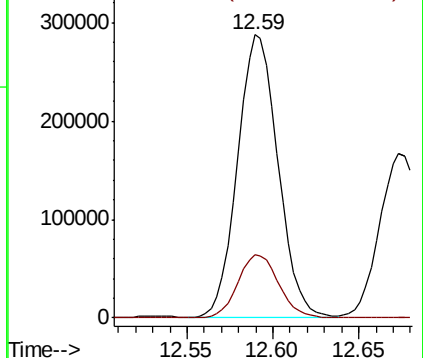
91 100

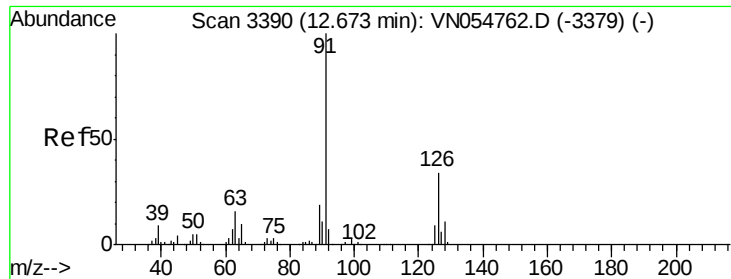
120 22.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

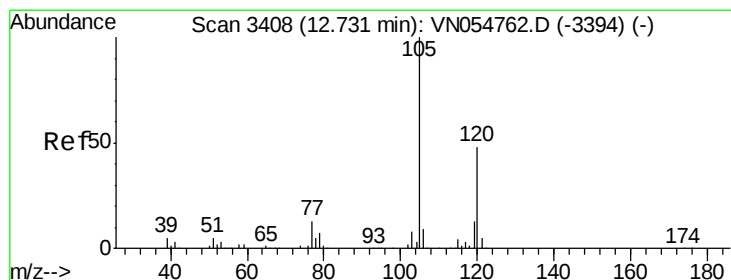
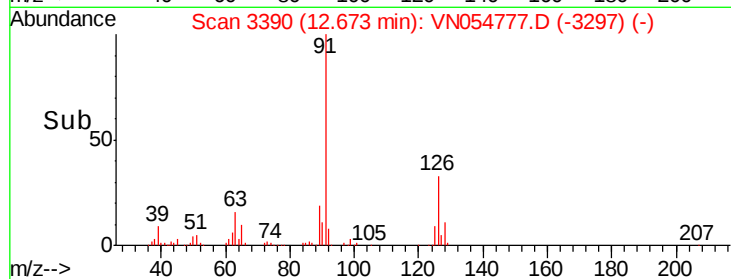
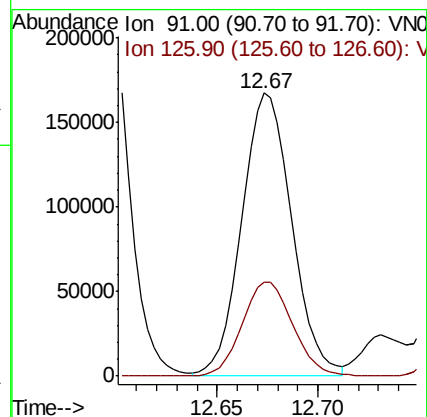
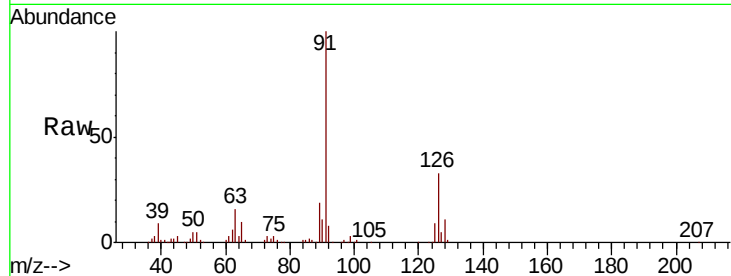




#79
 2-Chlorotoluene
 Concen: 19.933 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

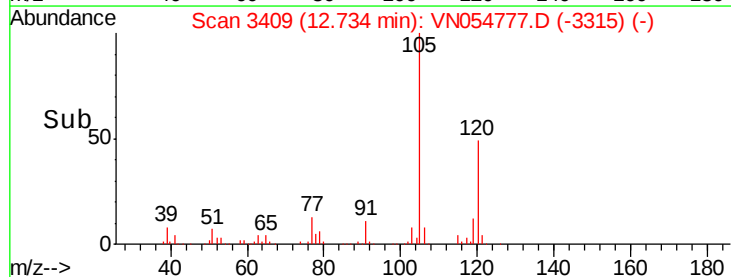
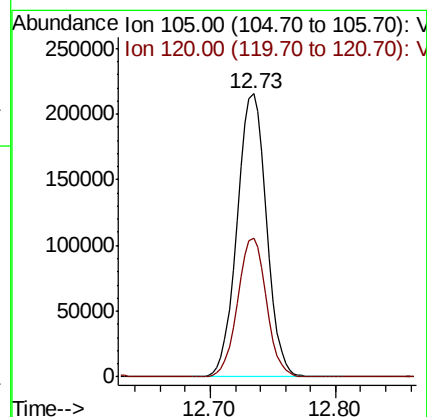
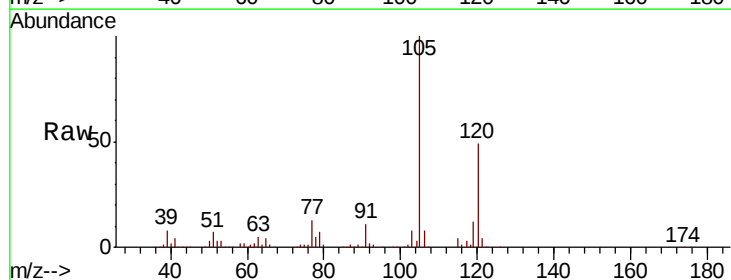
Instrument :
 MSVOA_N
 ClientSampleId :

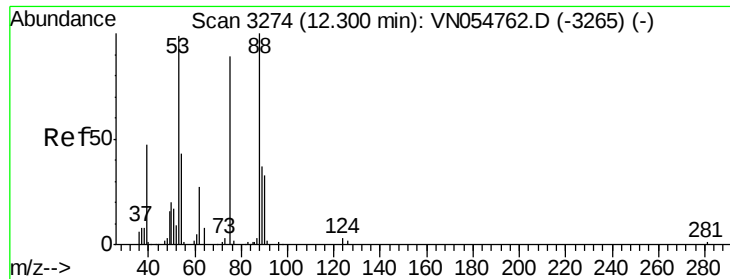
Tot Ion: 91 Resp: 289031
 Ion Ratio Lower Upper
 91 100
 126 34.1 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.022 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

Tgt Ion: 105 Resp: 350327
 Ion Ratio Lower Upper
 105 100
 120 48.1 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.660 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

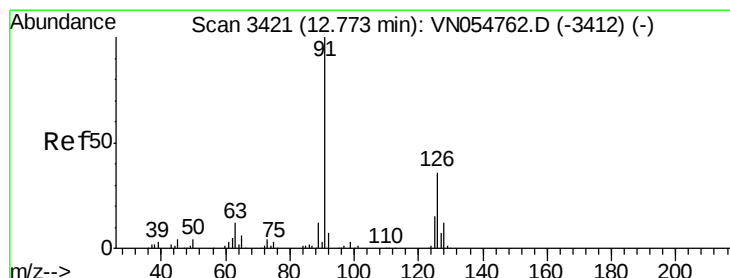
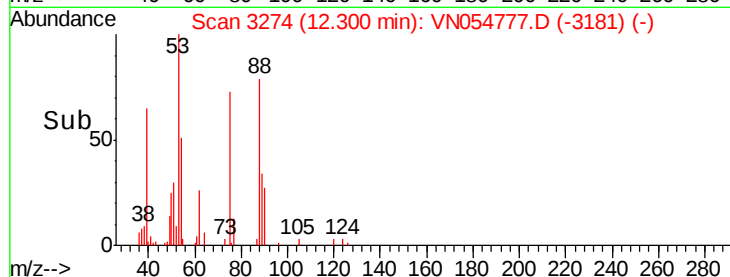
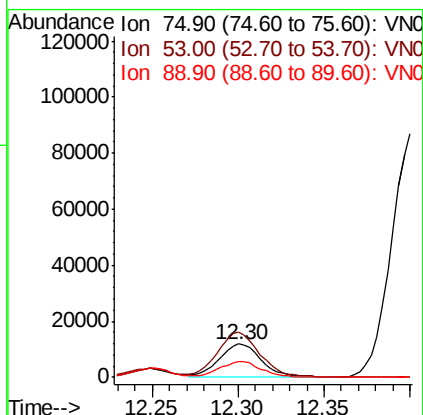
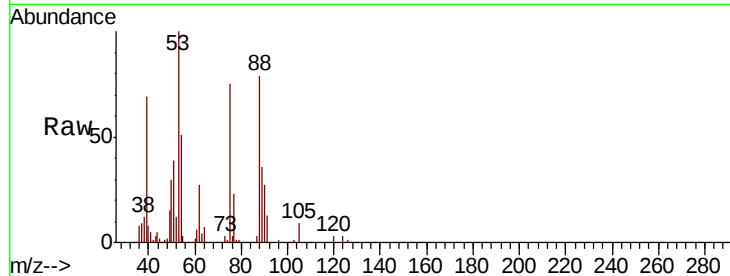
Tot Ion: 75 Resp: 20577

Ion Ratio Lower Upper

75 100

53 132.3 76.2 114.2#

89 47.4 39.2 58.8



#82

4-Chlorotoluene

Concen: 19.968 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN054777.D

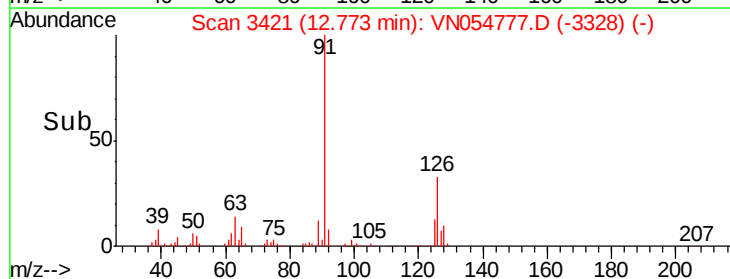
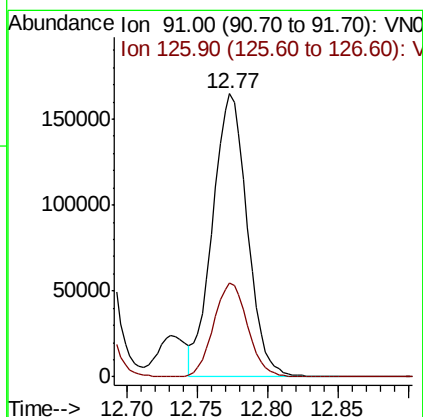
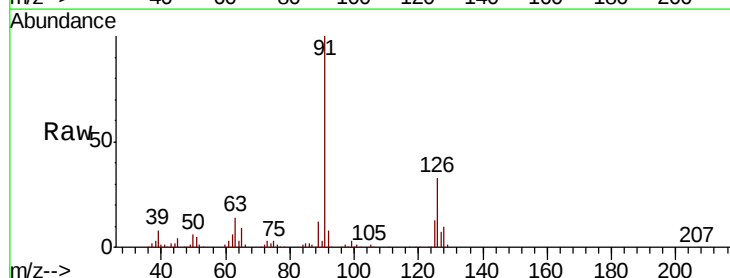
Acq: 29 Mar 2019 18:25

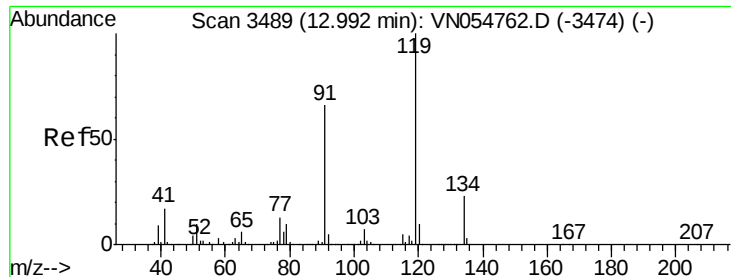
Tgt Ion: 91 Resp: 281231

Ion Ratio Lower Upper

91 100

126 32.8 18.1 54.1

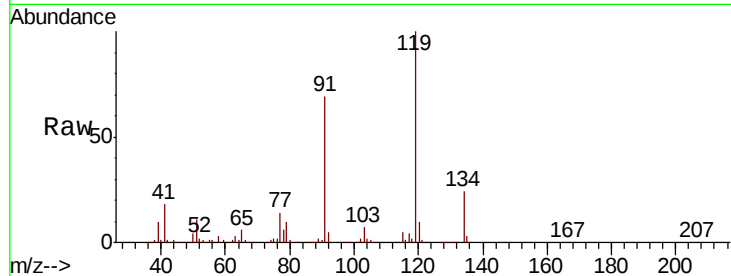




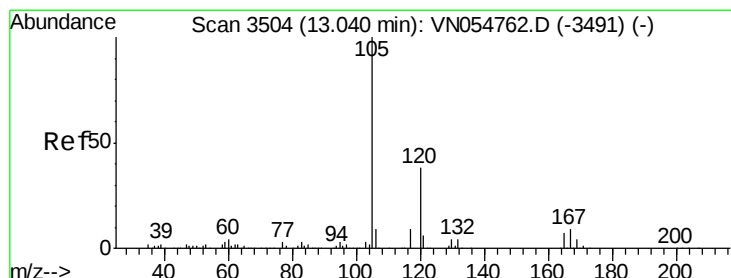
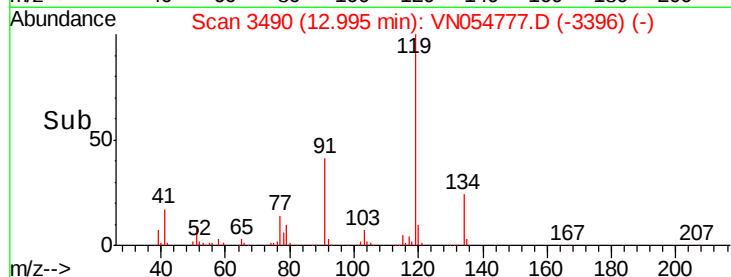
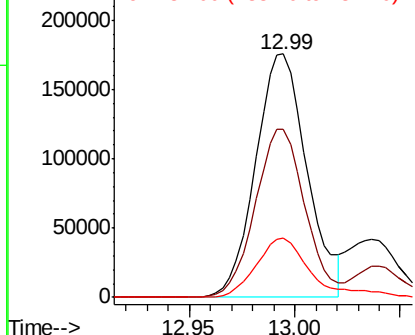
#83
tert-Butylbenzene
Concen: 20.755 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 297922
Ion Ratio Lower Upper
119 100
91 66.7 30.9 92.8
134 26.1 13.2 39.6

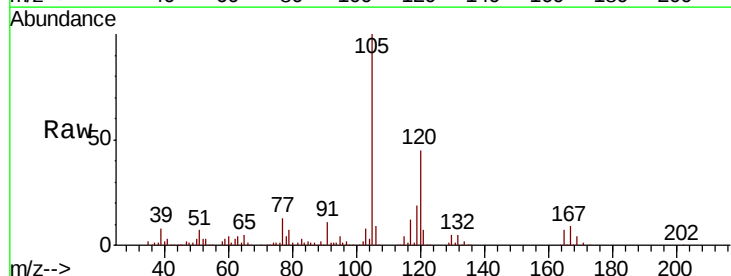


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

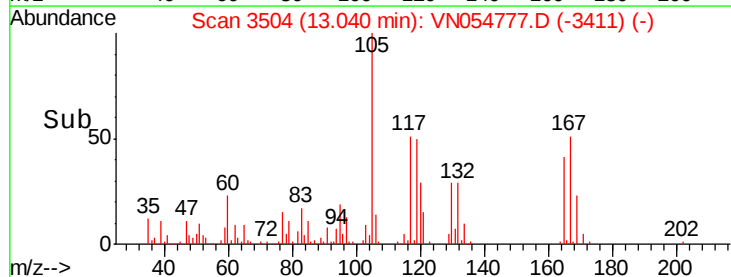
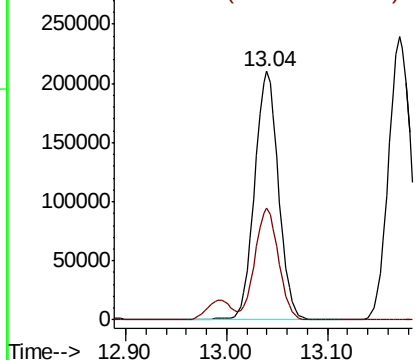


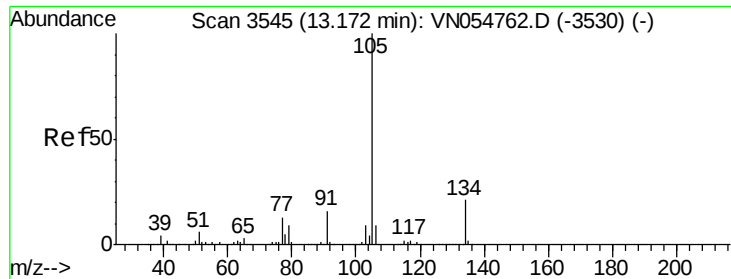
#84
1,2,4-Trimethylbenzene
Concen: 20.560 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054777.D
Acq: 29 Mar 2019 18:25

Tgt Ion:105 Resp: 342722
Ion Ratio Lower Upper
105 100
120 44.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.782 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

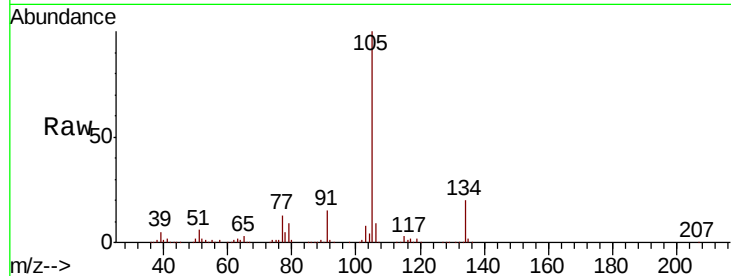
ClientSampleId :

Tot Ion:105 Resp: 376011

Ion Ratio Lower Upper

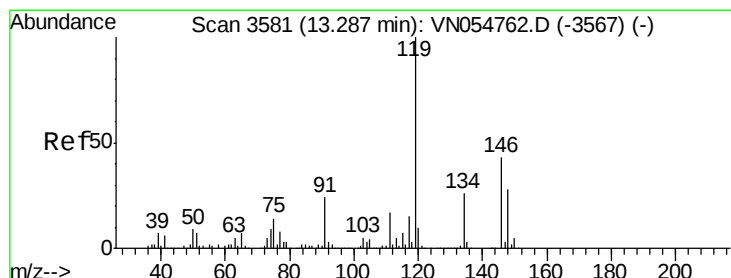
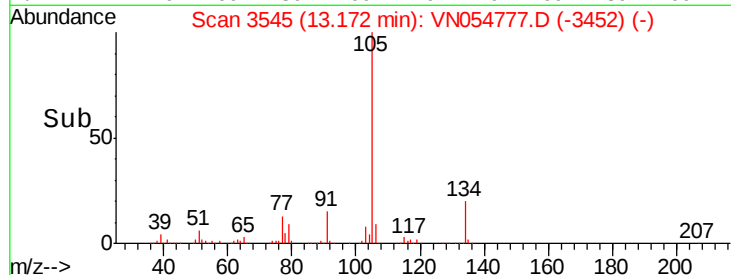
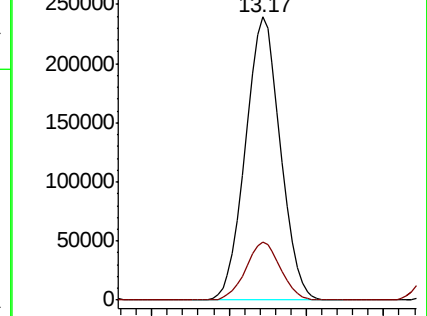
105 100

134 20.4 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.595 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

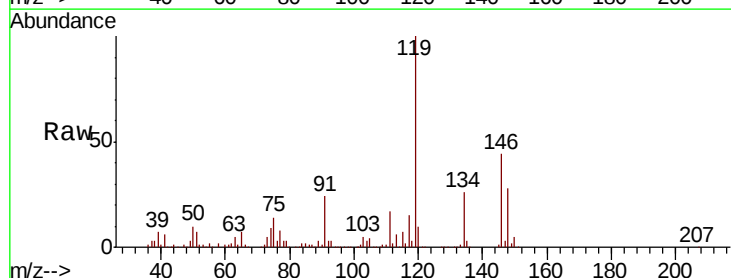
Tgt Ion:119 Resp: 328501

Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

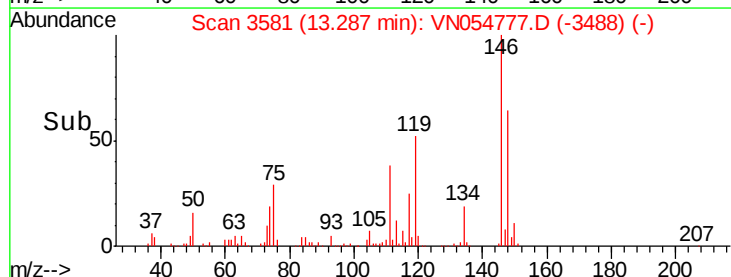
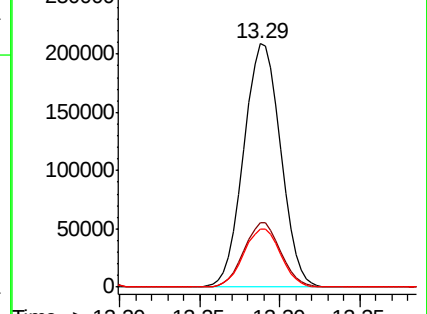
91 24.2 11.1 33.3

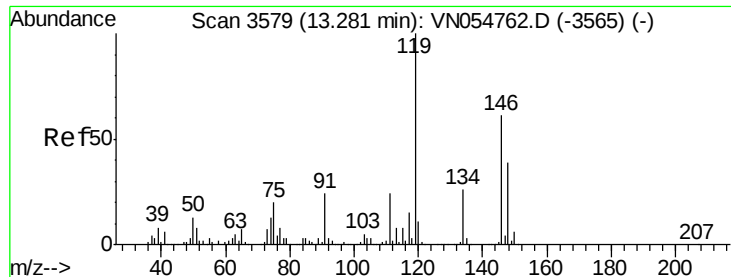


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

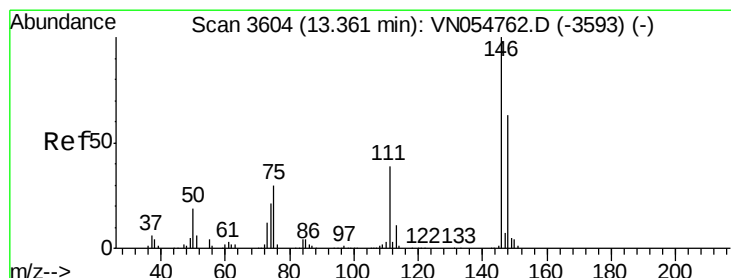
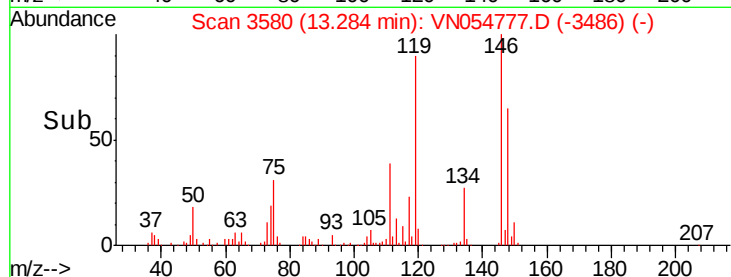
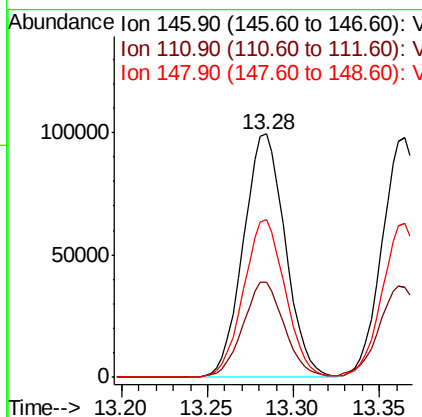
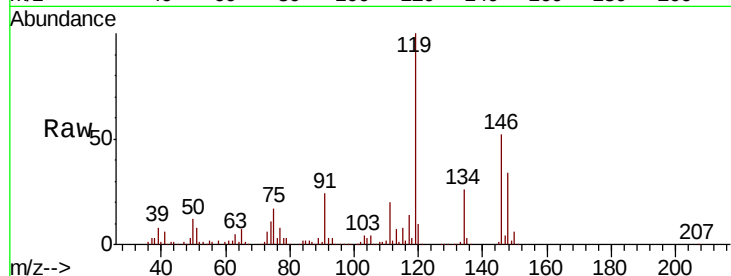




#87
 1,3-Dichlorobenzene
 Concen: 19.548 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

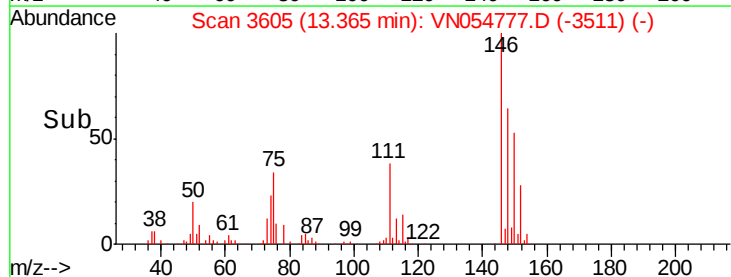
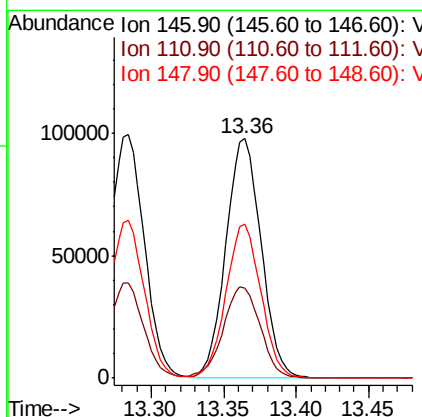
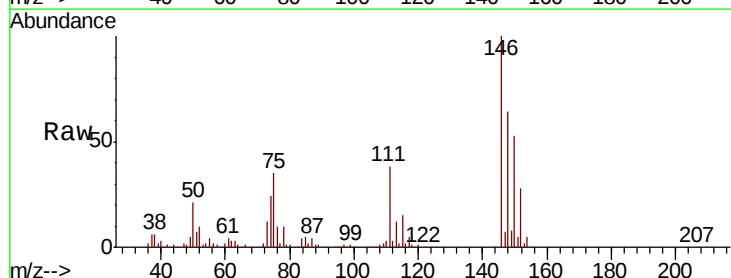
Instrument :
 MSVOA_N
 ClientSampleId :

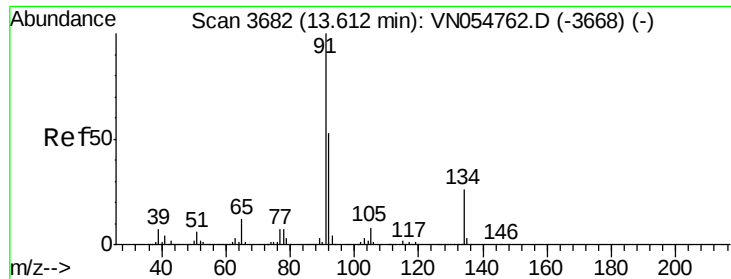
Tot Ion:146 Resp: 168438
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.8 56.3
 148 64.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.543 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054777.D
 Acq: 29 Mar 2019 18:25

Tgt Ion:146 Resp: 165161
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.1 54.1
 148 63.7 32.0 96.0





#89

n-Butylbenzene

Concen: 18.716 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

ClientSampled :

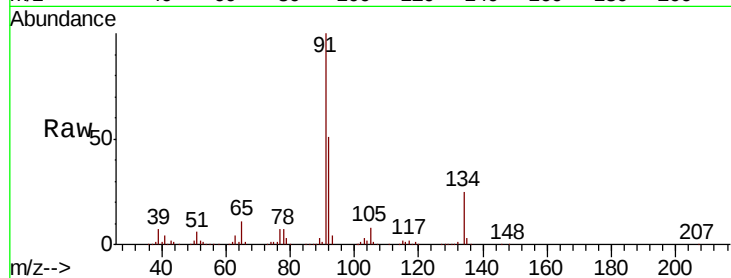
Tot Ion: 91 Resp: 255998

Ion Ratio Lower Upper

91 100

92 51.2 26.2 78.6

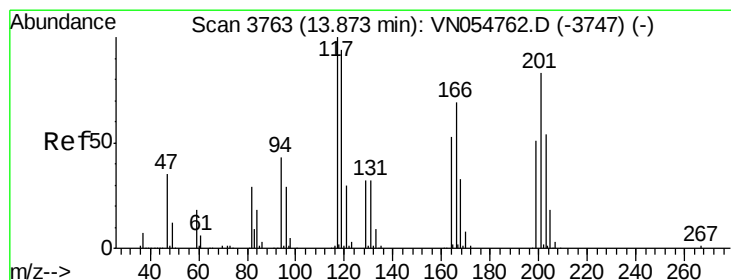
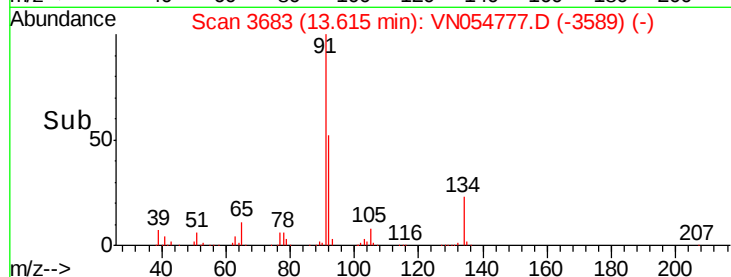
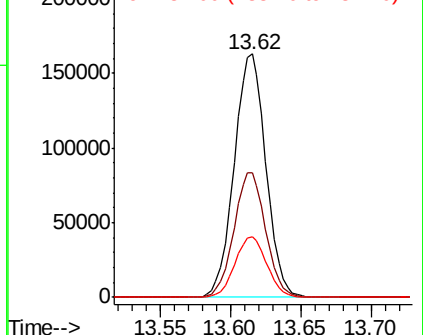
134 24.9 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): VN0



#90

Hexachloroethane

Concen: 17.456 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN054777.D

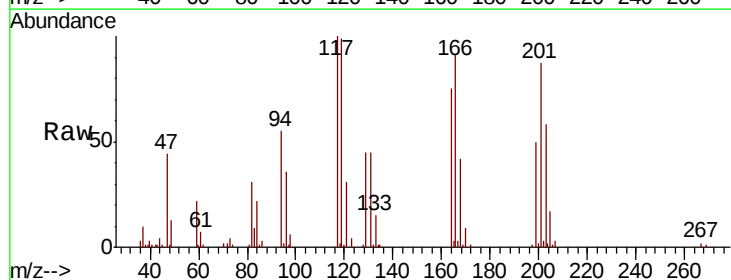
Acq: 29 Mar 2019 18:25

Tgt Ion: 117 Resp: 49685

Ion Ratio Lower Upper

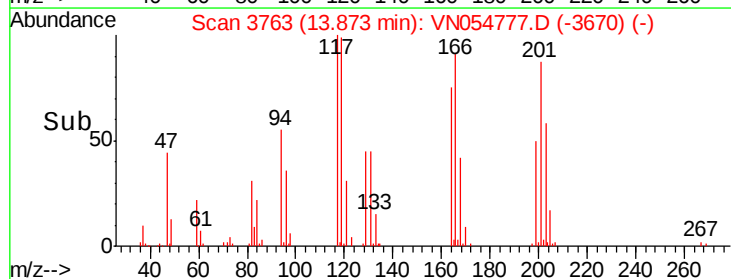
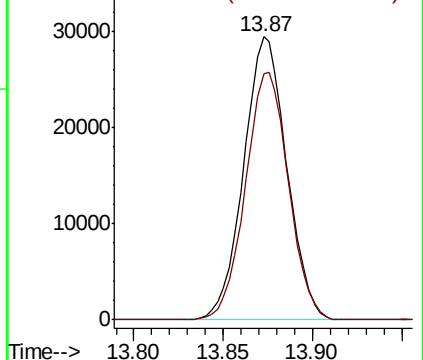
117 100

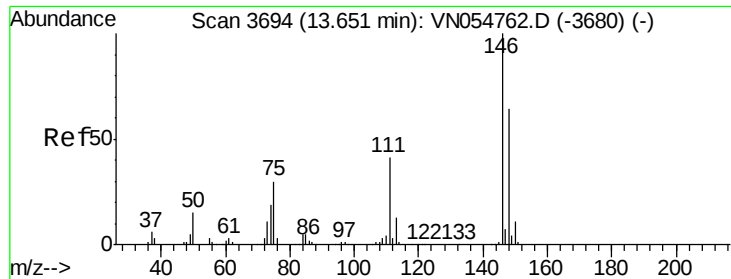
201 87.3 48.1 144.4



Abundance Ion 116.80 (116.50 to 117.50): VN0

Ion 200.70 (200.40 to 201.40): VN0





#91

1,2-Dichlorobenzene

Concen: 19.493 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

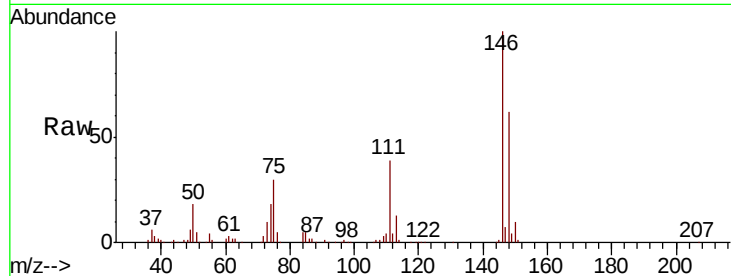
Tot Ion:146 Resp: 169515

Ion Ratio Lower Upper

146 100

111 40.6 19.1 57.3

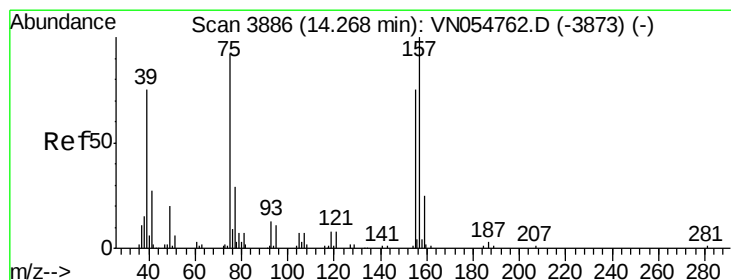
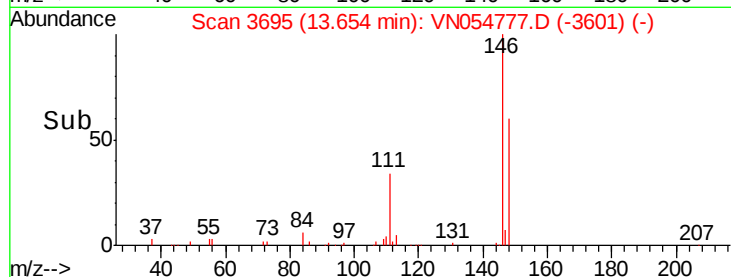
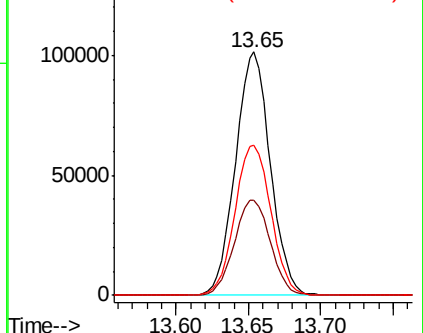
148 63.6 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.786 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

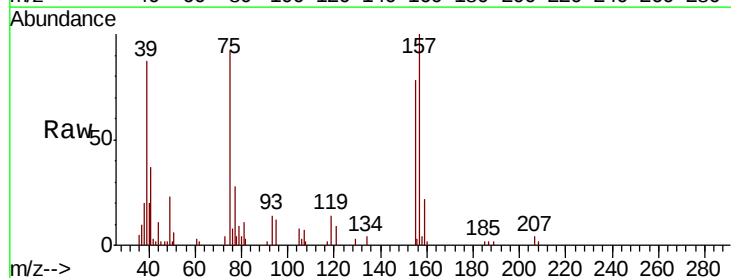
Tgt Ion: 75 Resp: 15882

Ion Ratio Lower Upper

75 100

155 84.6 50.1 150.3

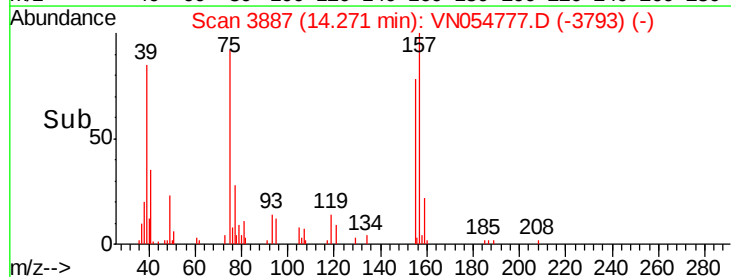
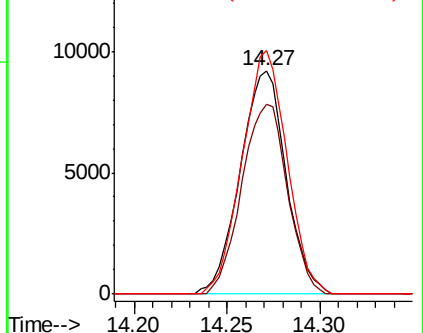
157 106.4 63.1 189.3

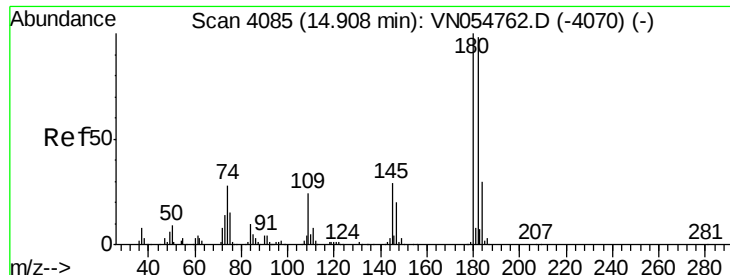


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 17.627 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

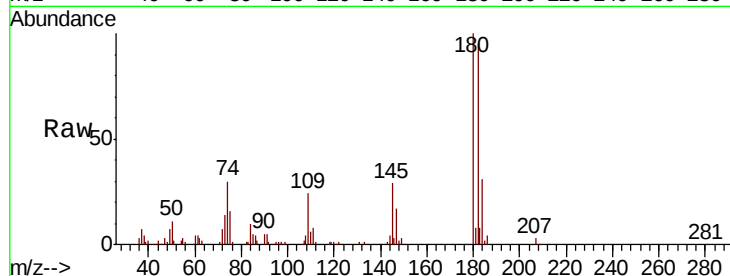
Tot Ion:180 Resp: 73899

Ion Ratio Lower Upper

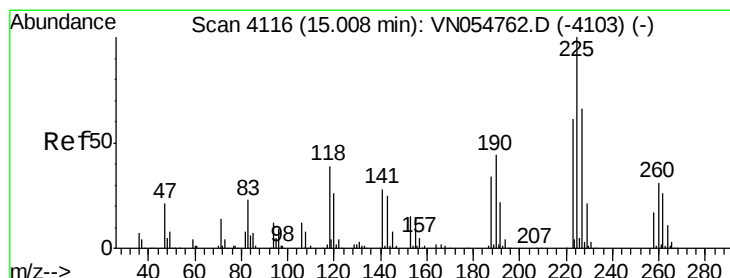
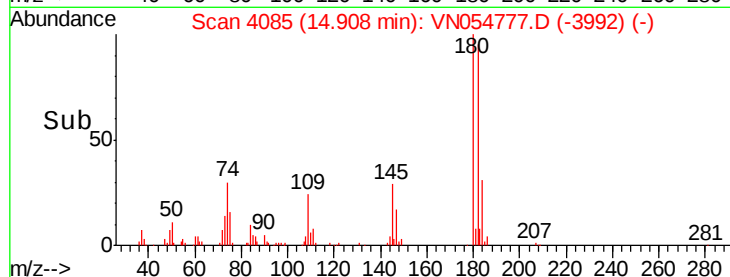
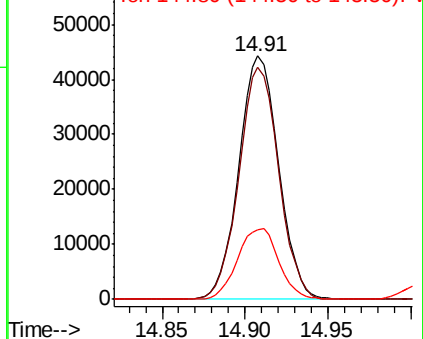
180 100

182 95.0 48.0 144.2

145 29.8 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.992 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

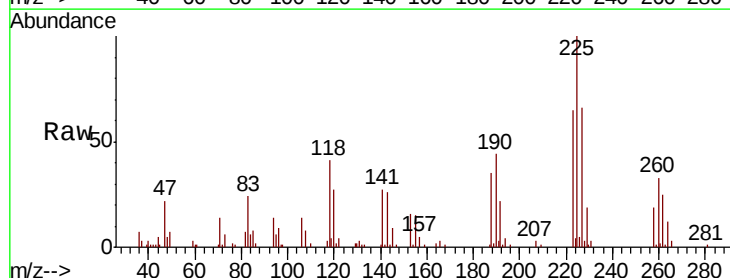
Tgt Ion:225 Resp: 50393

Ion Ratio Lower Upper

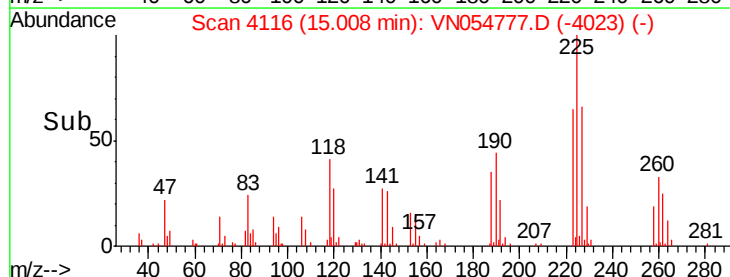
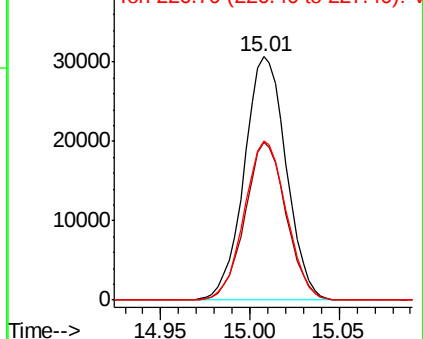
225 100

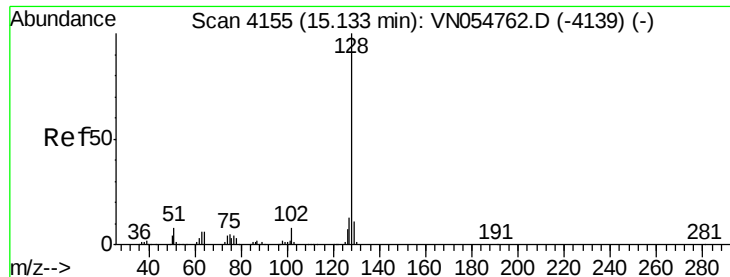
223 63.4 31.1 93.5

227 65.5 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.745 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

Instrument :

MSVOA_N

ClientSampled :

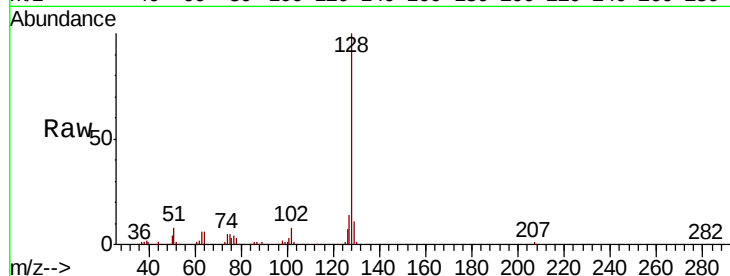
Tot Ion:128 Resp: 176258

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

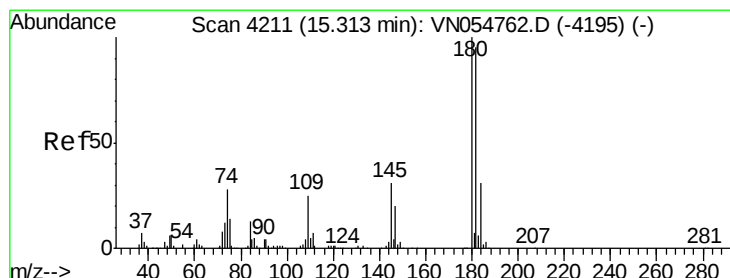
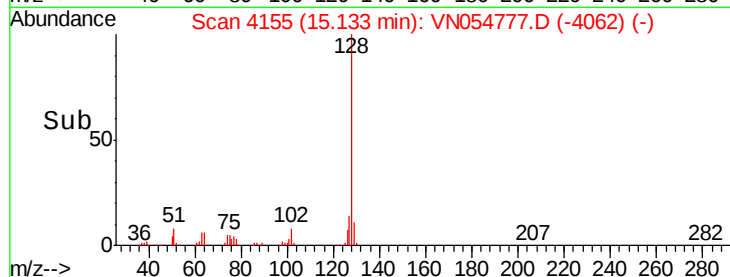
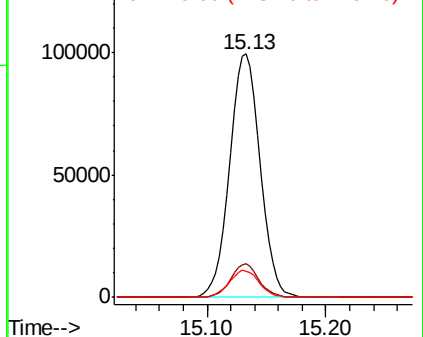
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.513 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN054777.D

Acq: 29 Mar 2019 18:25

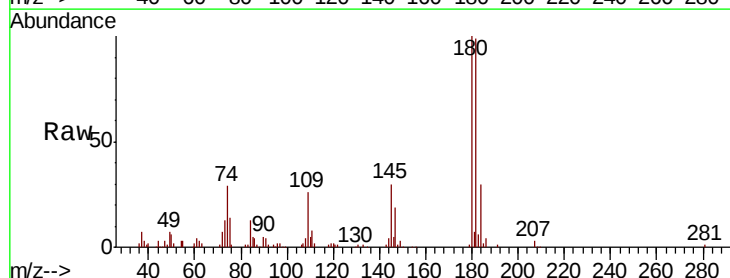
Tgt Ion:180 Resp: 78383

Ion Ratio Lower Upper

180 100

182 97.0 47.5 142.6

145 31.3 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

