

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049785.D
 Acq On : 12 Jul 2018 22:19
 Operator : MD\SY
 Sample : VN0712WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 13 03:46:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1183508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1747332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1583074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	795164	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	664213	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
35) Dibromofluoromethane	7.59	113	634538	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
50) Toluene-d8	10.09	98	2109191	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.40	95	741792	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	206269	19.318	ug/l	97
3) Chloromethane	2.06	50	276826	19.716	ug/l	99
4) Vinyl Chloride	2.18	62	308492	20.164	ug/l	100
5) Bromomethane	2.57	94	193790	20.096	ug/l	98
6) Chloroethane	2.70	64	204107	19.389	ug/l	100
7) Trichlorofluoromethane	3.02	101	430094	19.166	ug/l	100
8) Diethyl Ether	3.42	74	155945	19.393	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	275300	18.901	ug/l	100
10) Methyl Iodide	3.96	142	356830	19.274	ug/l	99
11) Tert butyl alcohol	4.80	59	90046	97.723	ug/l #	91
12) 1,1-Dichloroethene	3.74	96	241979	18.907	ug/l	98
13) Acrolein	3.61	56	69701	86.122	ug/l	97
14) Allyl chloride	4.33	41	381584	18.270	ug/l	97
15) Acrylonitrile	5.00	53	444875	96.407	ug/l	99
16) Acetone	3.82	43	313207	91.115	ug/l	99
17) Carbon Disulfide	4.05	76	641762	19.310	ug/l	100
18) Methyl Acetate	4.33	43	241206	20.542	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	689829	19.431	ug/l	99
20) Methylene Chloride	4.55	84	297436	20.518	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	264130	18.881	ug/l	99
22) Diisopropyl ether	5.96	45	862817	20.111	ug/l	99
23) Vinyl Acetate	5.90	43	2773525	96.466	ug/l	99
24) 1,1-Dichloroethane	5.86	63	523166	19.410	ug/l	99
25) 2-Butanone	6.84	43	489738	91.282	ug/l	99
26) 2,2-Dichloropropane	6.83	77	386759	17.289	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	311202	19.452	ug/l	98
28) Bromochloromethane	7.20	49	239922	19.571	ug/l	98
29) Tetrahydrofuran	7.22	42	318825	94.635	ug/l	99
30) Chloroform	7.37	83	538892	19.405	ug/l	100
31) Cyclohexane	7.66	56	416157	19.243	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	460154	19.510	ug/l	99
36) 1,1-Dichloropropene	7.80	75	376885	18.717	ug/l	100
37) Ethyl Acetate	6.93	43	232629	19.518	ug/l	99
38) Carbon Tetrachloride	7.78	117	402286	19.112	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	382622	18.028	ug/l	97
40) Benzene	8.05	78	1174472	19.498	ug/l	100
41) Methacrylonitrile	7.18	41	127962	18.980	ug/l	99
42) 1,2-Dichloroethane	8.13	62	380226	19.298	ug/l	99
43) Isopropyl Acetate	8.17	43	415020	19.372	ug/l	97
44) Trichloroethene	8.84	130	304078	18.748	ug/l	99
45) 1,2-Dichloropropane	9.12	63	312574	19.309	ug/l	97
46) Dibromomethane	9.21	93	183516	19.087	ug/l	100
47) Bromodichloromethane	9.41	83	411543	19.438	ug/l	99
48) Methyl methacrylate	9.20	41	206898	19.316	ug/l	97
49) 1,4-Dioxane	9.20	88	52721	375.646	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	1146780	98.590	ug/l	99
52) Toluene	10.16	92	722274	20.035	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	376464	18.486	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	447468	19.291	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	269587	19.349	ug/l	98
56) Ethyl methacrylate	10.43	69	312111	19.180	ug/l	99
57) 1,3-Dichloropropane	10.71	76	447479	19.484	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	751376	96.277	ug/l	100
59) 2-Hexanone	10.75	43	716687	92.682	ug/l	99
60) Dibromochloromethane	10.90	129	300021	18.997	ug/l	98
61) 1,2-Dibromoethane	11.01	107	256194	19.528	ug/l	98
64) Tetrachloroethene	10.63	164	277680	19.318	ug/l	97
65) Chlorobenzene	11.44	112	777500	18.853	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	306268	19.738	ug/l	98
67) Ethyl Benzene	11.51	91	1307290	19.358	ug/l	99
68) m/p-Xylenes	11.62	106	1004221	39.618	ug/l	99
69) o-Xylene	11.95	106	490114	20.015	ug/l	97
70) Styrene	11.97	104	779008	20.028	ug/l	100
71) Bromoform	12.13	173	204660	19.521	ug/l	98
73) Isopropylbenzene	12.25	105	1299754	19.668	ug/l	99
74) N-amyl acetate	12.07	43	328448	19.105	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	329085	20.448	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	380398	26.929	ug/l #	100
77) Bromobenzene	12.53	156	333661	19.033	ug/l	99
78) n-propylbenzene	12.59	91	1465896	19.675	ug/l	99
79) 2-Chlorotoluene	12.68	91	890900	19.538	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1055460	20.098	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	75120	17.173	ug/l	95
82) 4-Chlorotoluene	12.78	91	885730	19.584	ug/l	100
83) tert-Butylbenzene	12.99	119	927020	19.729	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1073331	20.380	ug/l	100
85) sec-Butylbenzene	13.17	105	1230546	19.983	ug/l	100
86) p-Isopropyltoluene	13.29	119	1044761	20.049	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	583864	19.209	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	560838	18.980	ug/l	99
89) n-Butylbenzene	13.62	91	809559	18.819	ug/l	99
90) Hexachloroethane	13.88	117	201405	19.461	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	579517	19.536	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	47790	20.169	ug/l	98

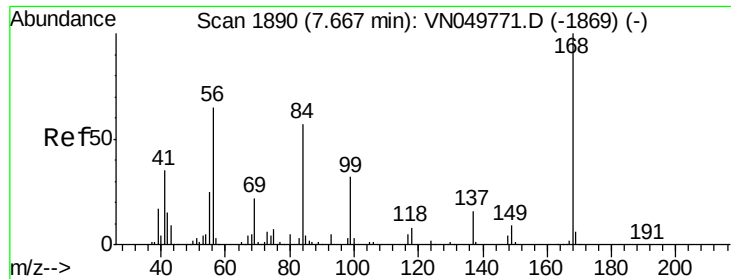
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
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Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	268355	18.405	ug/l	99
94) Hexachlorobutadiene	15.01	225	180318	19.202	ug/l	97
95) Naphthalene	15.14	128	530055	17.887	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	276266	19.204	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

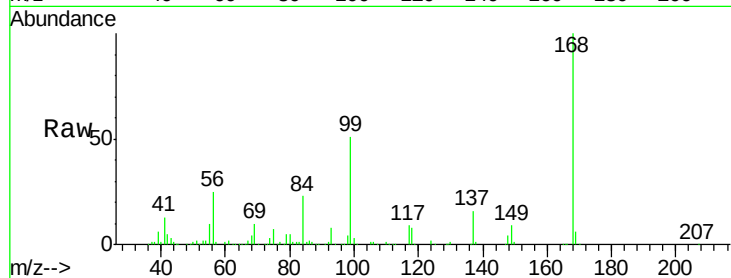
ClientSampleId :

Tot Ion:168 Resp: 1183508

Ion Ratio Lower Upper

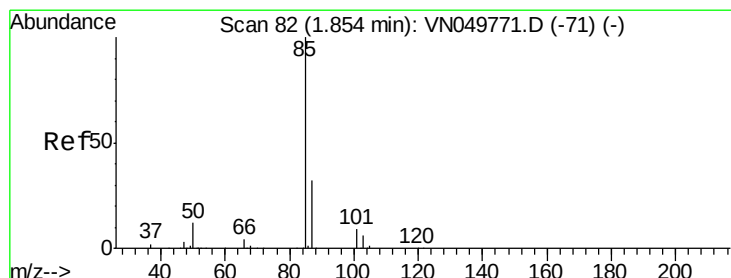
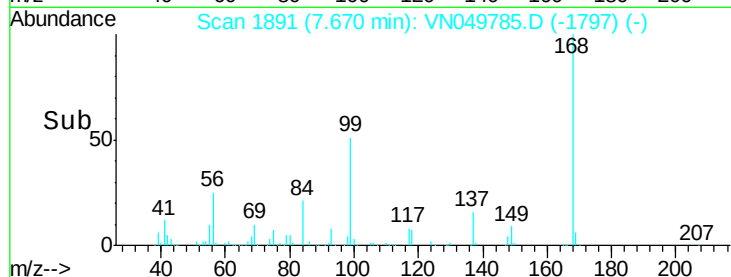
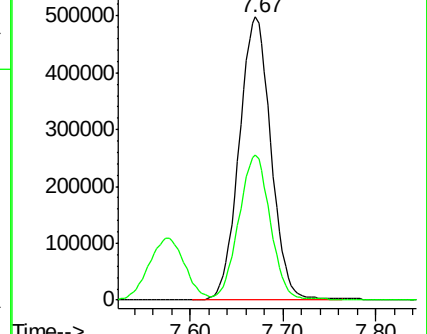
168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.318 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049785.D

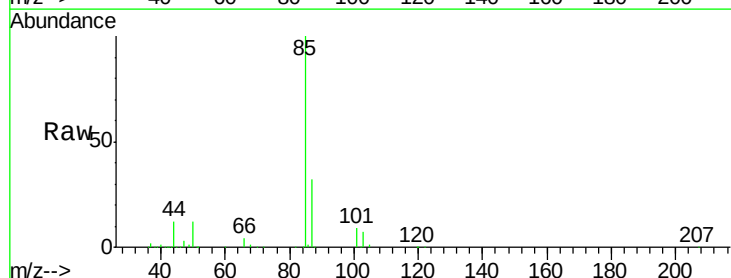
Acq: 12 Jul 2018 22:19

Tgt Ion: 85 Resp: 206269

Ion Ratio Lower Upper

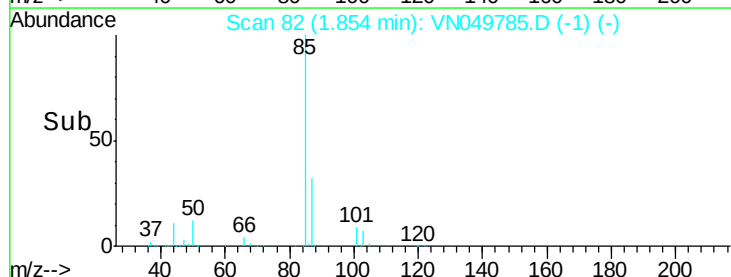
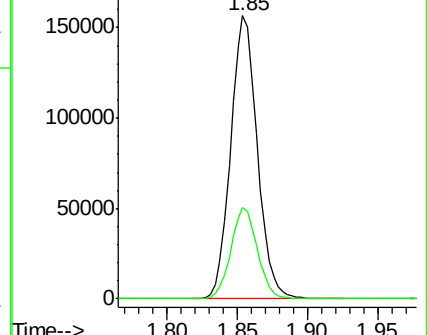
85 100

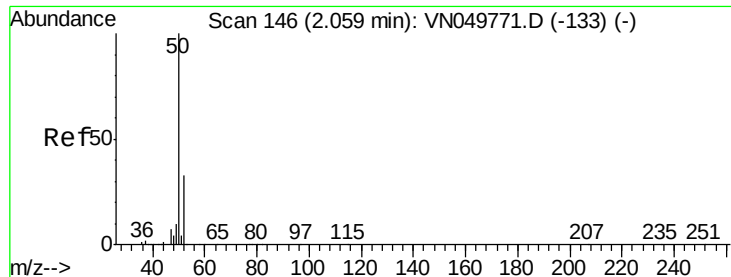
87 32.2 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 19.716 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

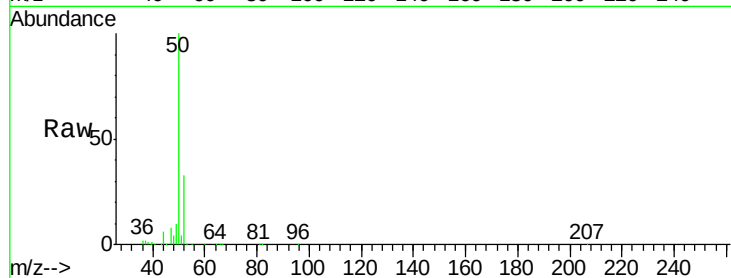
ClientSampleId :

Tot Ion: 50 Resp: 276826

Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

200000

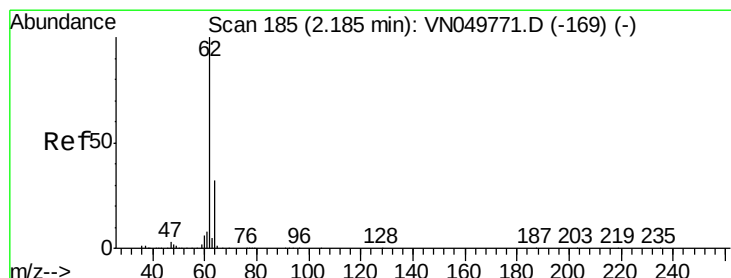
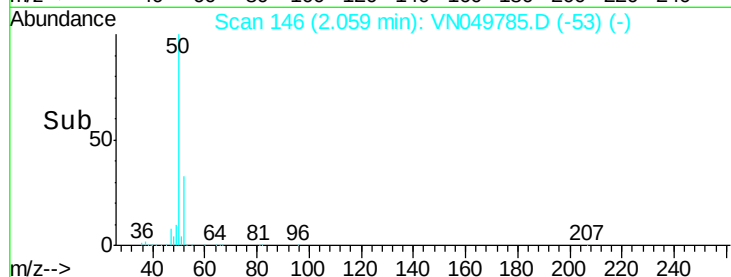
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 20.164 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049785.D

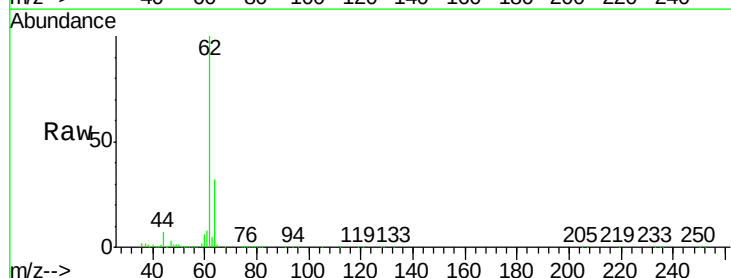
Acq: 12 Jul 2018 22:19

Tgt Ion: 62 Resp: 308492

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

250000

200000

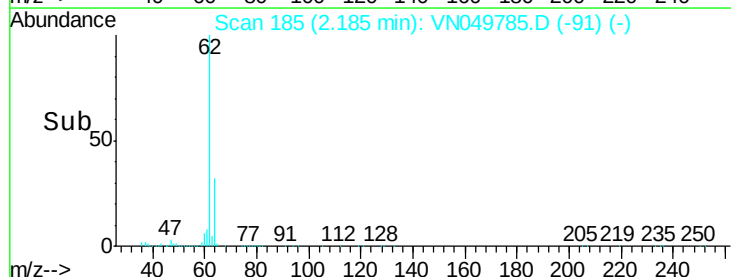
150000

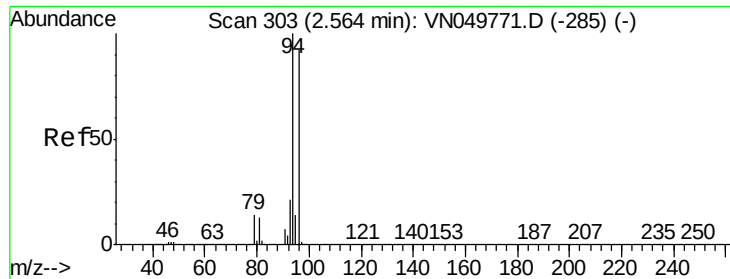
100000

50000

0

Time-->





#5

Bromomethane

Concen: 20.096 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

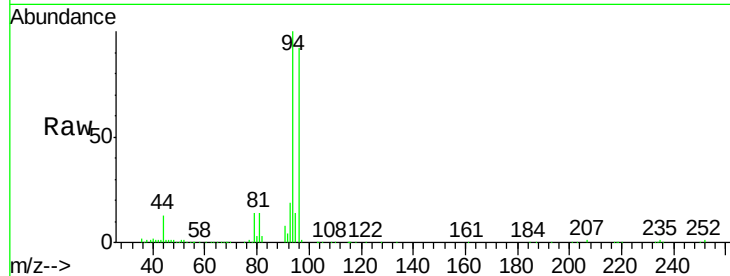
ClientSampled :

Tot Ion: 94 Resp: 193790

Ion Ratio Lower Upper

94 100

96 92.3 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

120000

100000

80000

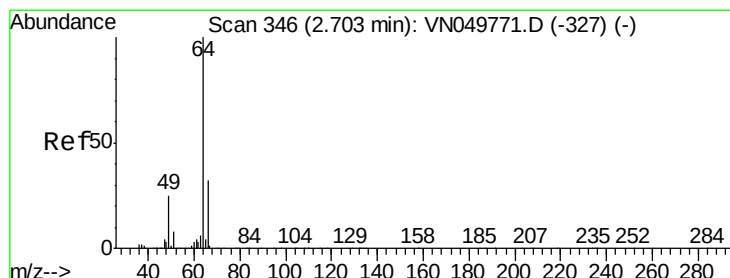
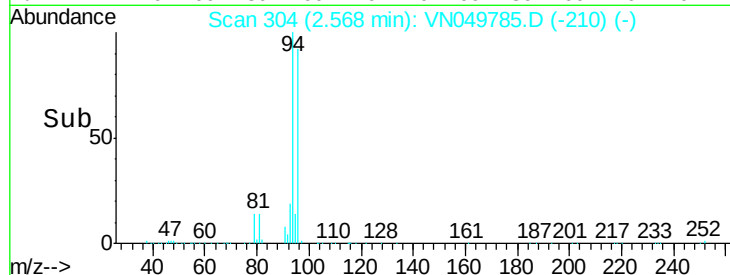
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 19.389 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049785.D

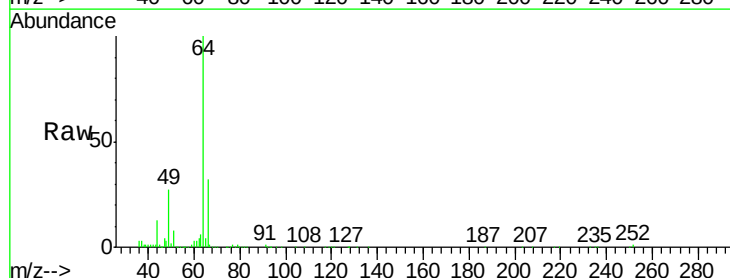
Acq: 12 Jul 2018 22:19

Tgt Ion: 64 Resp: 204107

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

120000

100000

80000

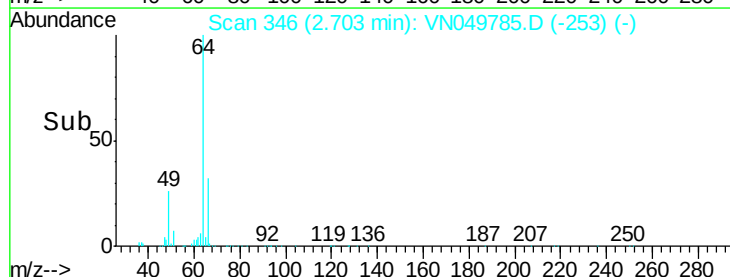
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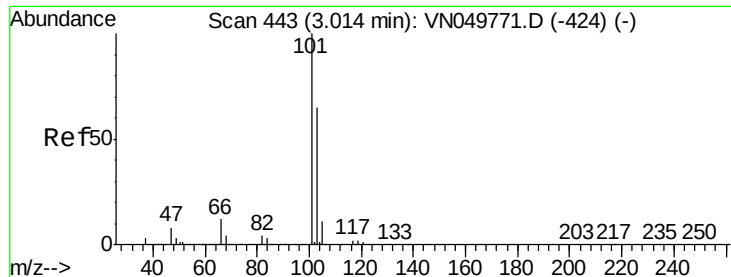
40000

20000

0

Time-->



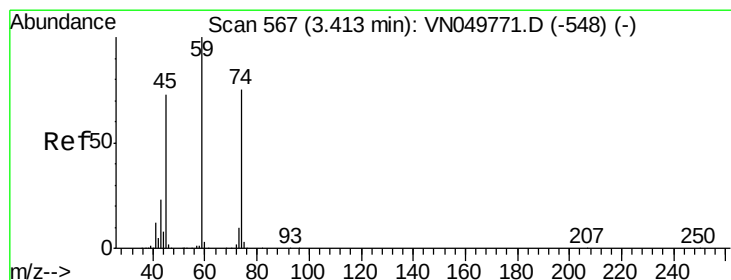
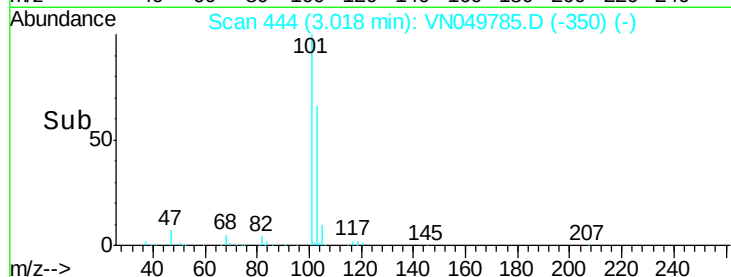
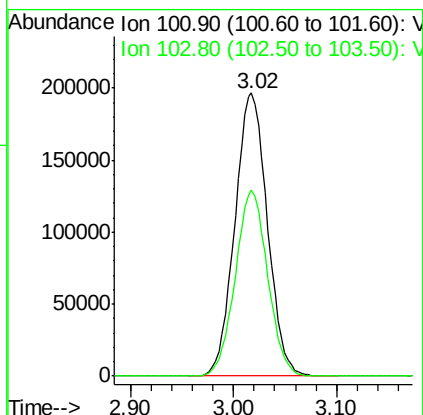
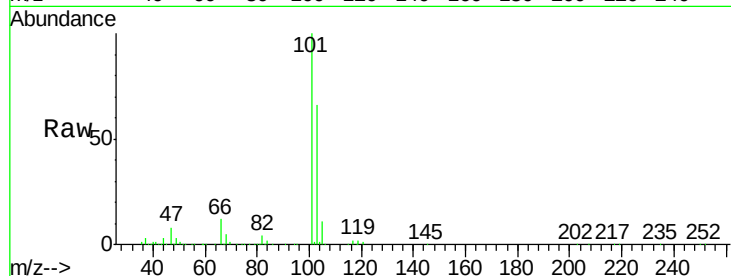


#7

Trichlorofluoromethane
Concen: 19.166 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Instrument :
MSVOA_N
ClientSampled :

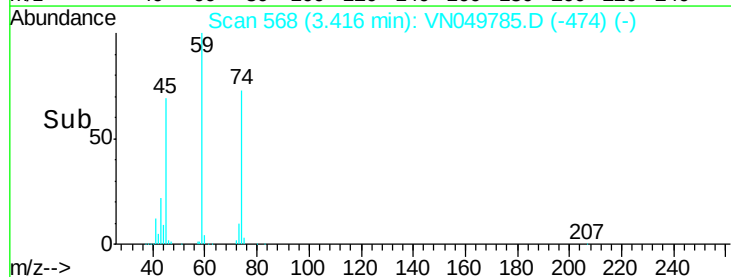
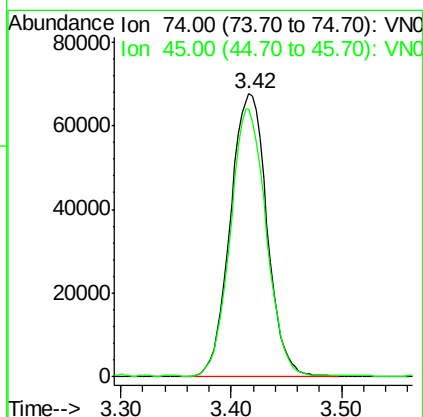
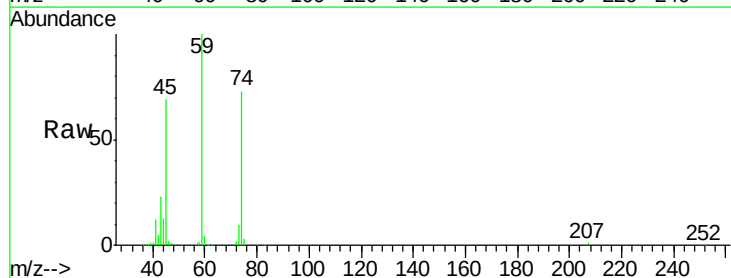
Tot Ion:101 Resp: 430094
Ion Ratio Lower Upper
101 100
103 65.7 52.8 79.2

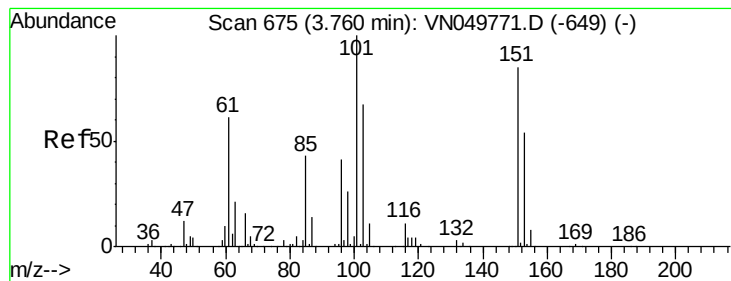


#8

Diethyl Ether
Concen: 19.393 ug/l
RT: 3.42 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion: 74 Resp: 155945
Ion Ratio Lower Upper
74 100
45 92.4 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.901 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

ClientSampleId :

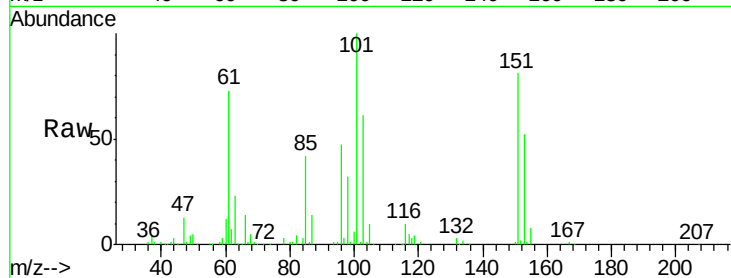
Tot Ion:101 Resp: 275300

Ion Ratio Lower Upper

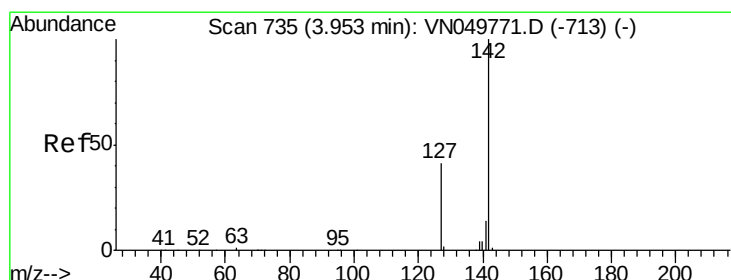
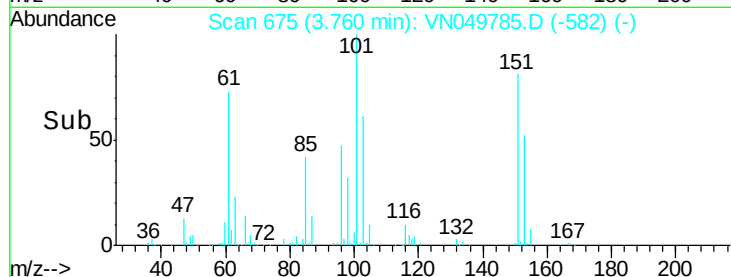
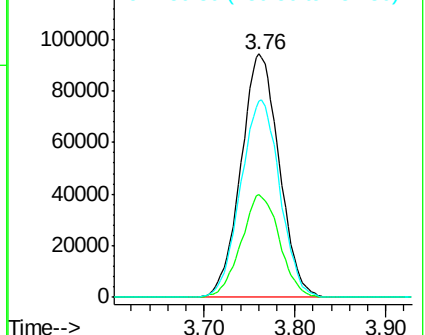
101 100

85 42.3 34.4 51.6

151 82.9 66.2 99.4



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: 19.274 ug/l

RT: 3.96 min Scan# 736

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

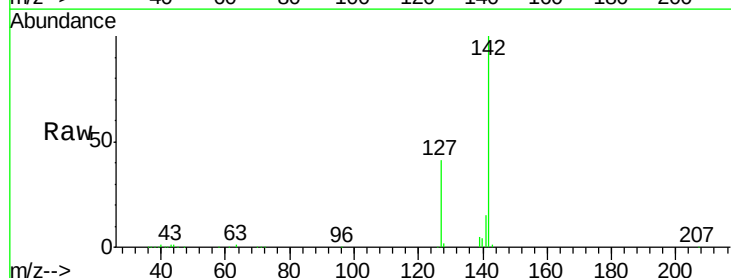
Tgt Ion:142 Resp: 356830

Ion Ratio Lower Upper

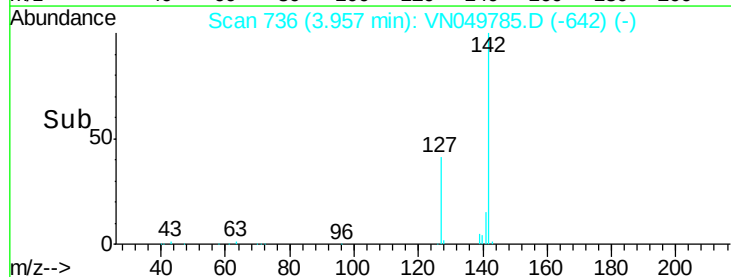
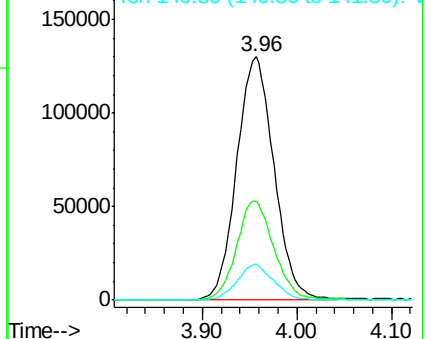
142 100

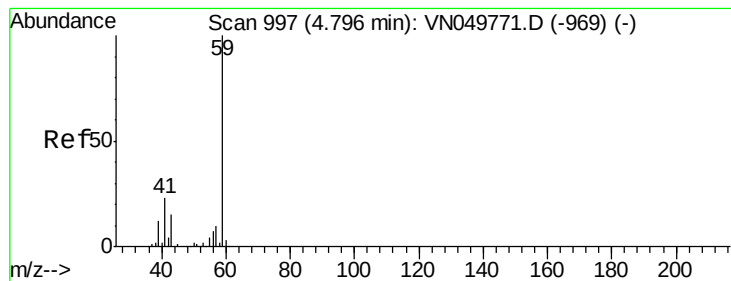
127 40.9 32.5 48.7

141 14.4 11.1 16.7



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



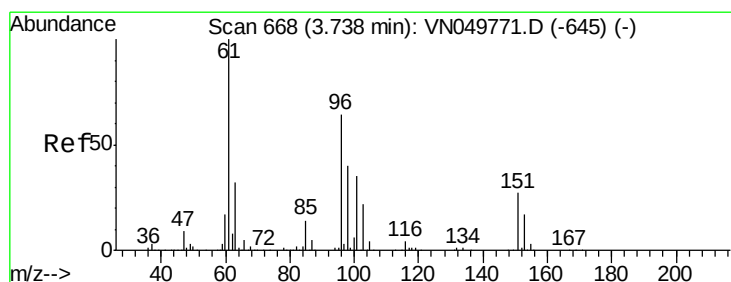
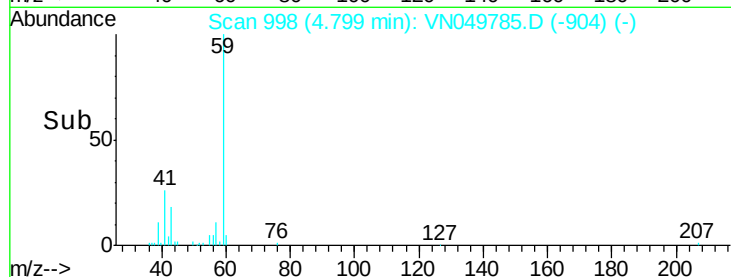
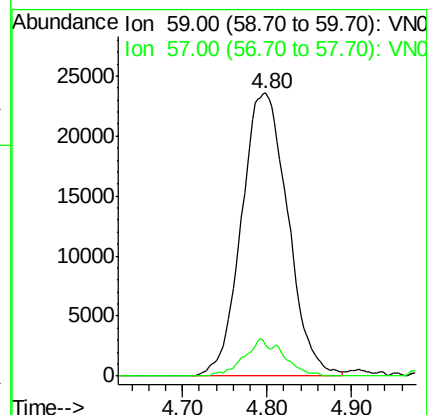
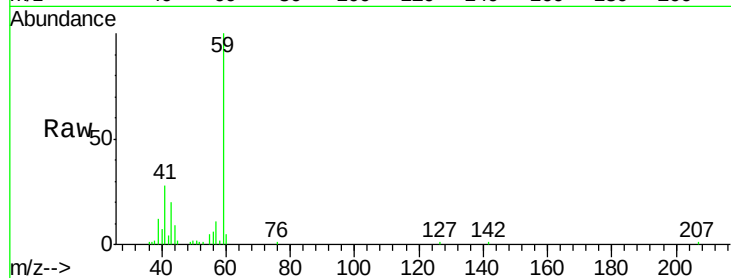


#11

Tert butyl alcohol
Concen: 97.723 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Instrument :
MSVOA_N
ClientSampled :

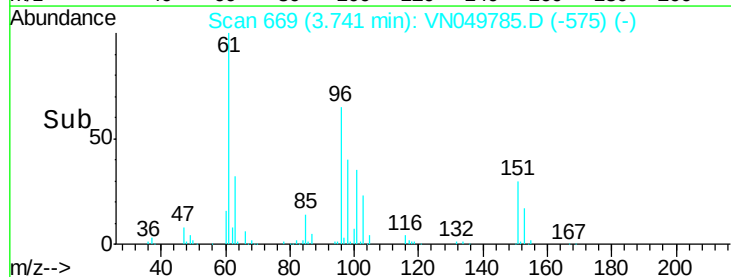
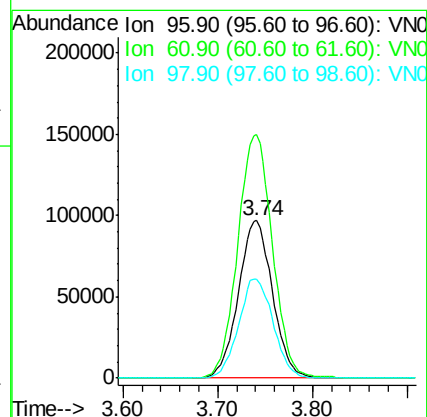
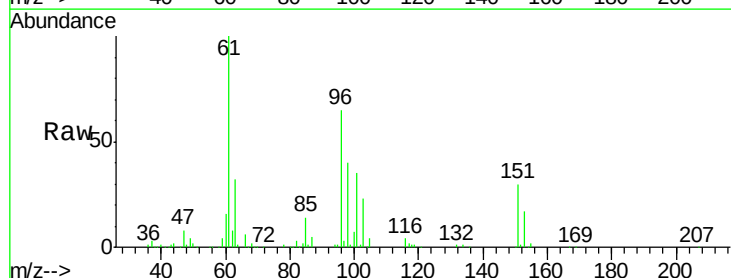
Tot Ion: 59 Resp: 90046
Ion Ratio Lower Upper
59 100
57 7.2 8.5 12.7#

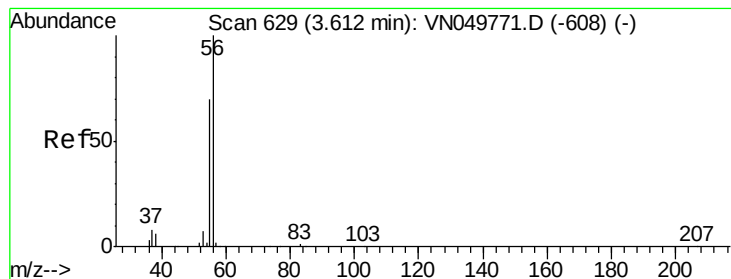


#12

1,1-Dichloroethene
Concen: 18.907 ug/l
RT: 3.74 min Scan# 669
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion: 96 Resp: 241979
Ion Ratio Lower Upper
96 100
61 154.5 126.5 189.7
98 62.6 51.0 76.6





#13

Acrolein

Concen: 86.122 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

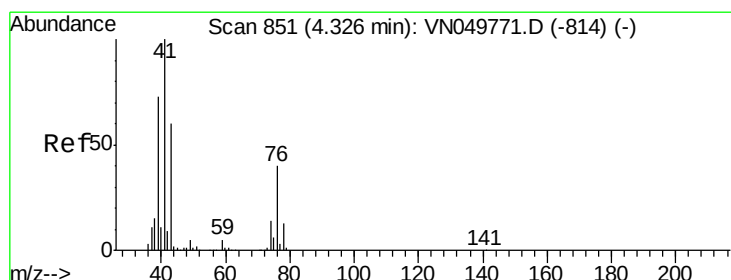
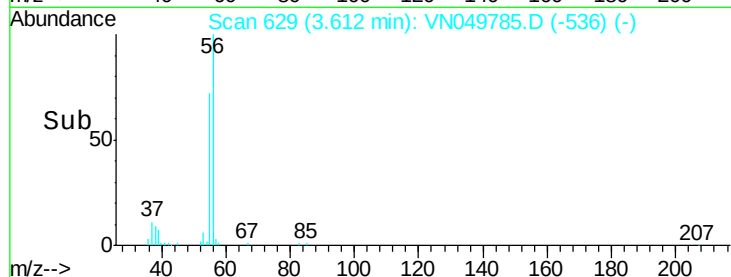
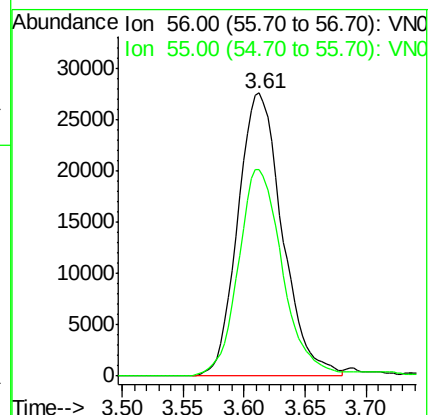
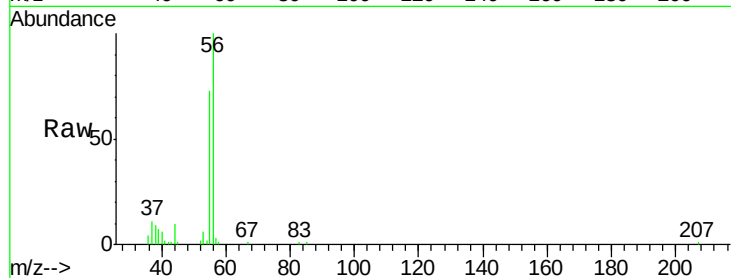
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 69701

Ion Ratio Lower Upper

56 100

55 72.3 55.8 83.8



#14

Allyl chloride

Concen: 18.270 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

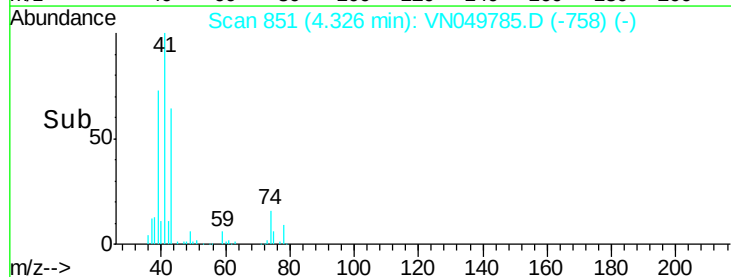
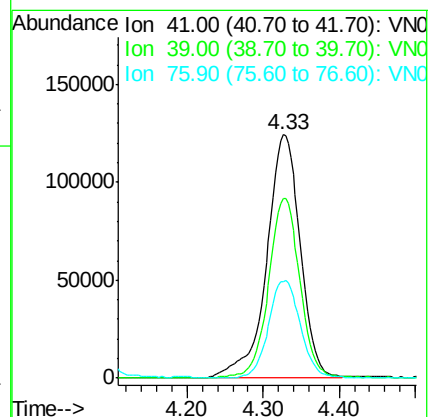
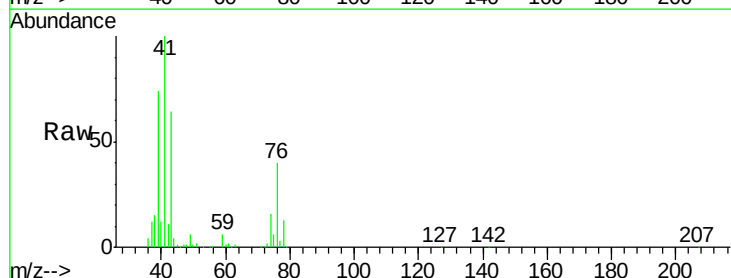
Tgt Ion: 41 Resp: 381584

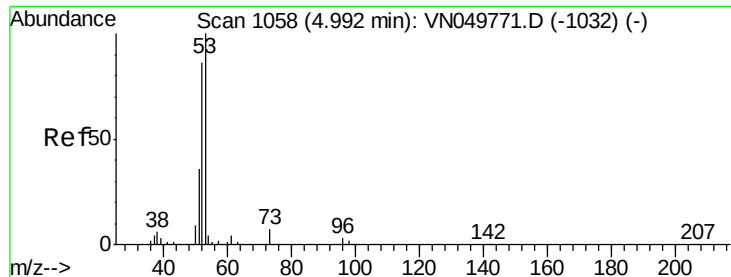
Ion Ratio Lower Upper

41 100

39 69.0 53.2 79.8

76 37.2 29.0 43.6

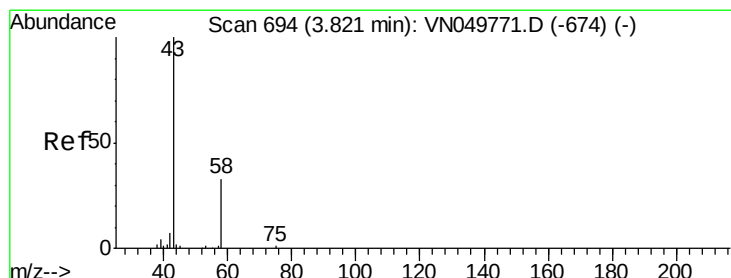
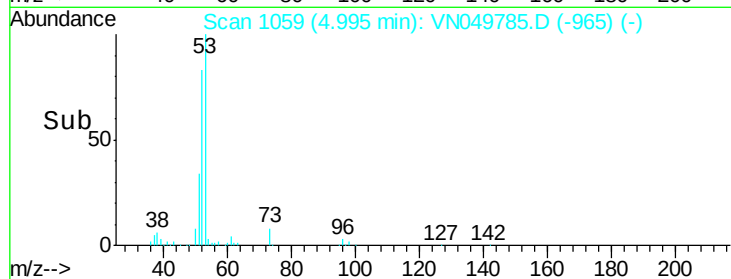
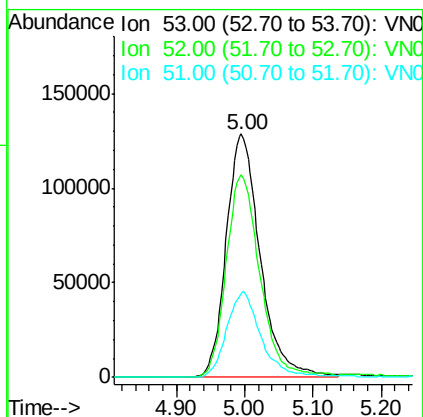
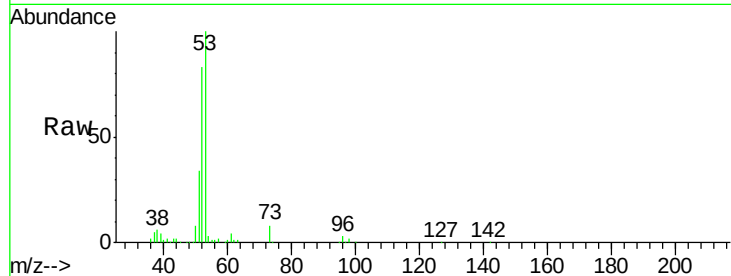




#15
 Acrylonitrile
 Concen: 96.407 ug/l
 RT: 5.00 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

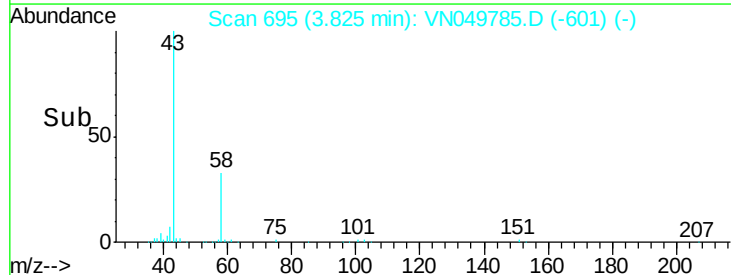
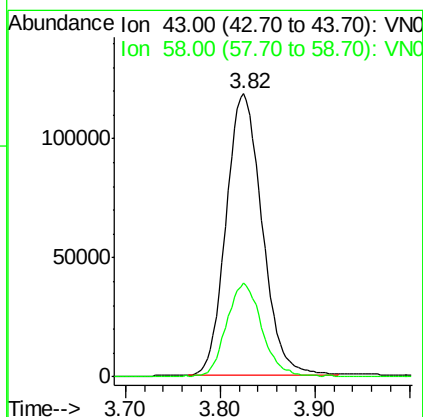
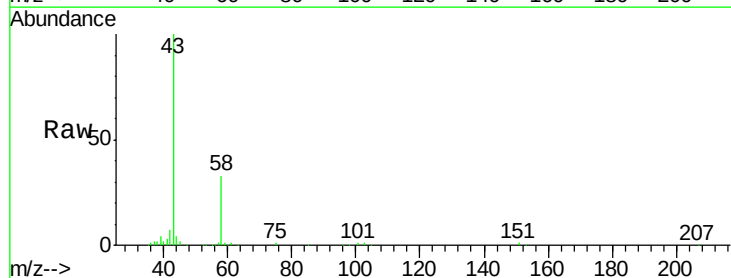
Instrument :
 MSVOA_N
 ClientSampleId :

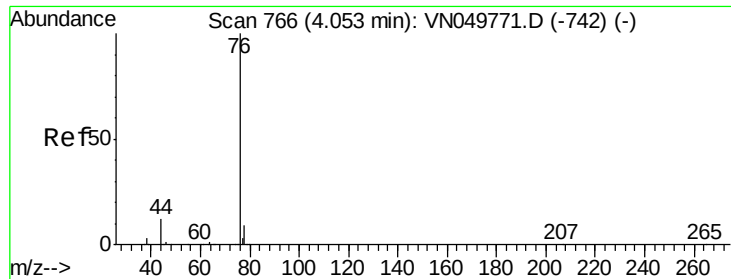
Tot Ion	53	Resp	444875
Ion Ratio	Lower	Upper	
53	100		
52	81.9	64.8	97.2
51	35.4	28.9	43.3



#16
 Acetone
 Concen: 91.115 ug/l
 RT: 3.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

Tgt Ion	43	Resp	313207
Ion Ratio	Lower	Upper	
43	100		
58	32.9	25.9	38.9

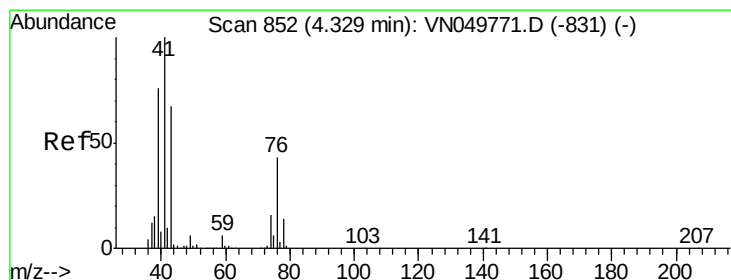
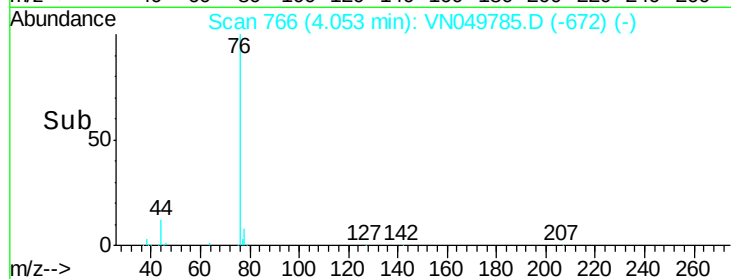
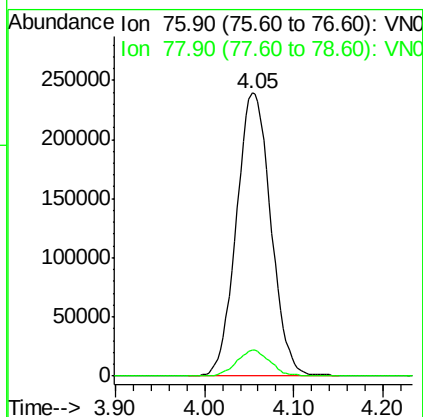
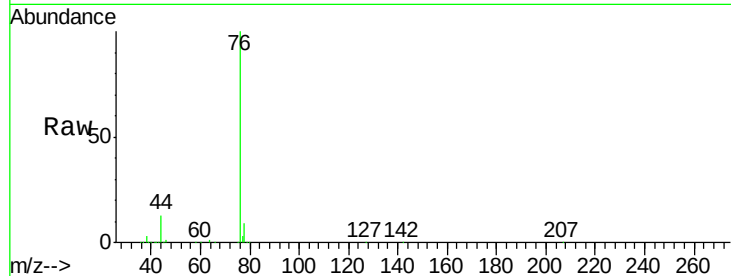




#17
Carbon Disulfide
Concen: 19.310 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

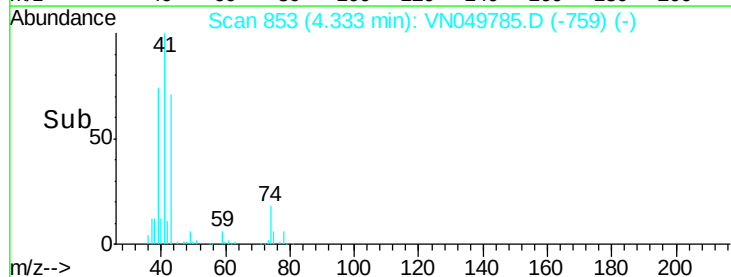
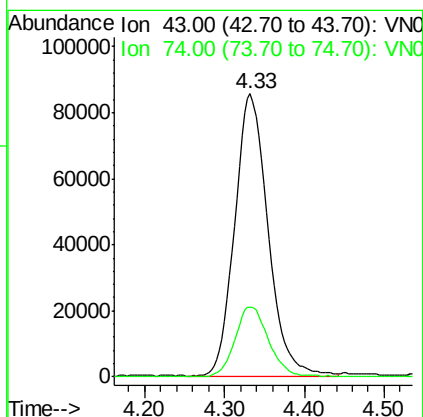
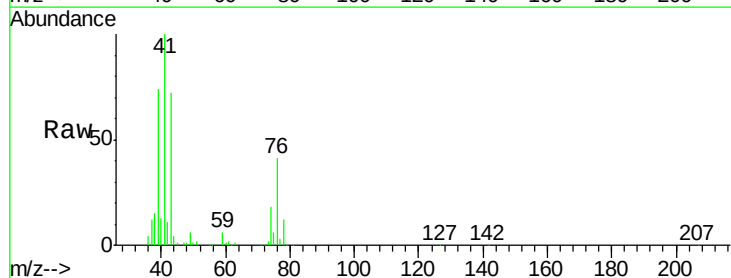
Instrument :
MSVOA_N
ClientSampled :

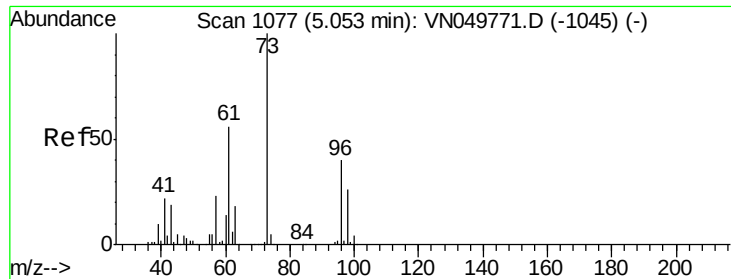
Tot Ion: 76 Resp: 641762
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 20.542 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion: 43 Resp: 241206
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.8

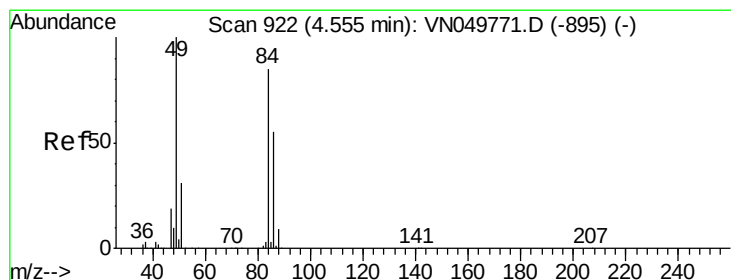
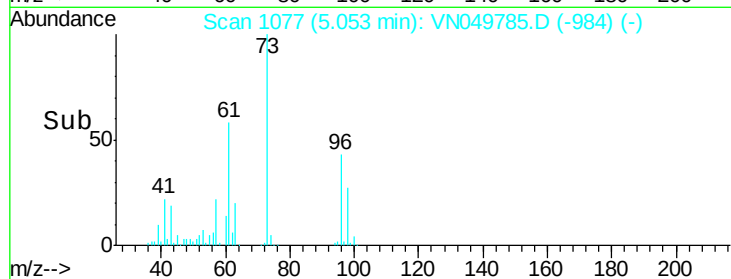
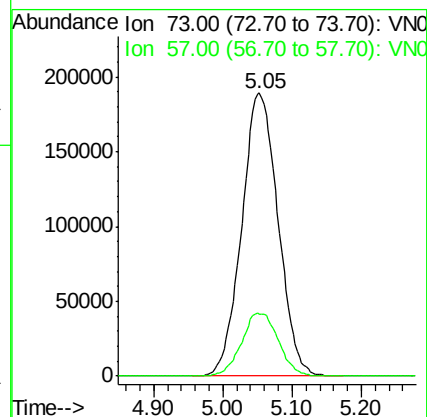
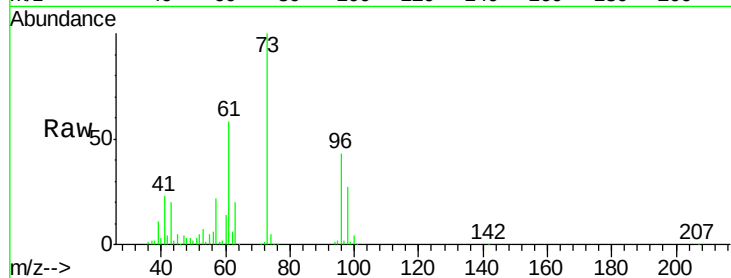




#19
Methvl tert-butvl Ether
Concen: 19.431 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

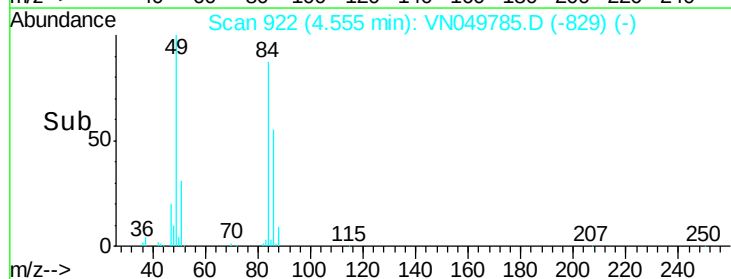
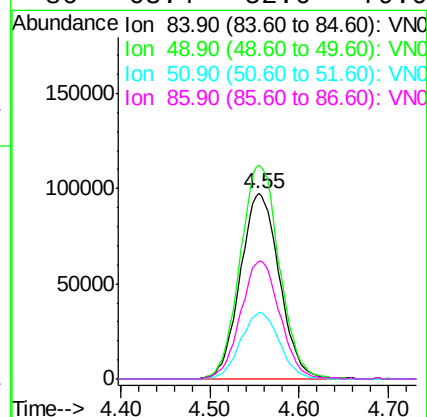
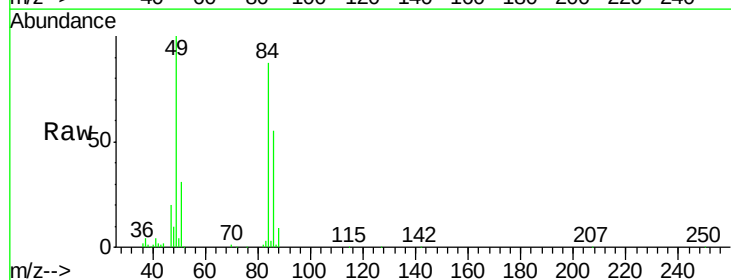
Instrument :
MSVOA_N
ClientSampled :

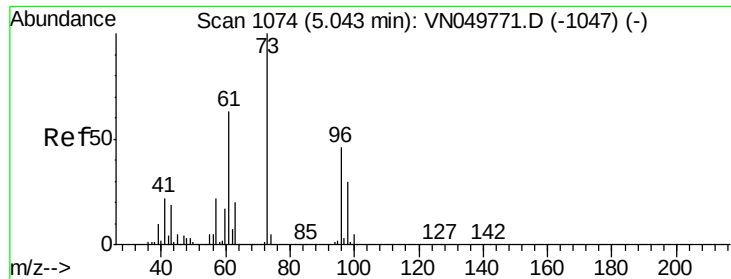
Tot Ion: 73 Resp: 689829
Ion Ratio Lower Upper
73 100
57 22.1 18.1 27.1



#20
Methylene Chloride
Concen: 20.518 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion: 84 Resp: 297436
Ion Ratio Lower Upper
84 100
49 115.4 95.4 143.2
51 35.7 28.4 42.6
86 63.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 18.881 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

ClientSampleId :

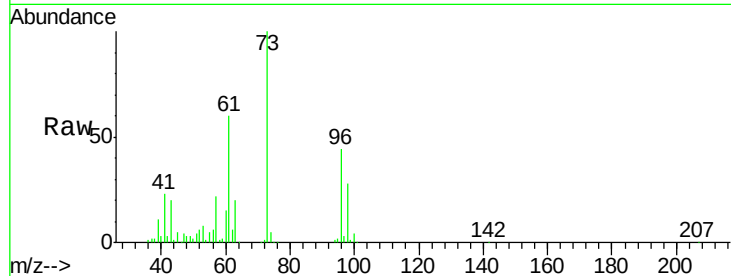
Tot Ion: 96 Resp: 264130

Ion Ratio Lower Upper

96 100

61 134.8 109.0 163.6

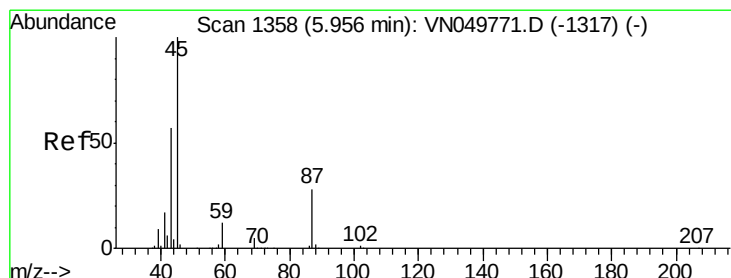
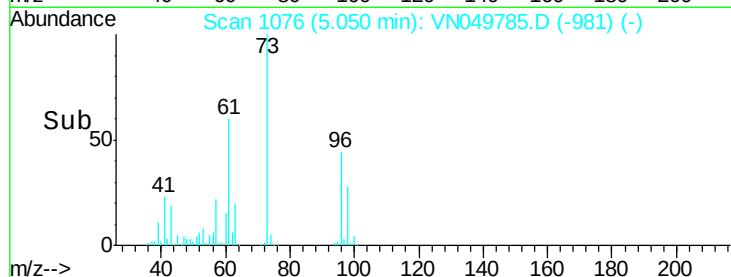
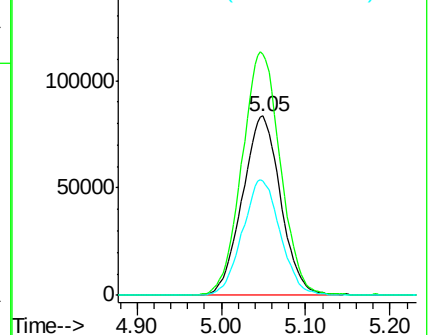
98 63.5 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN049785.D (-981) (-)

Ion 60.90 (60.60 to 61.60): VN049785.D (-981) (-)

Ion 97.90 (97.60 to 98.60): VN049785.D (-981) (-)



#22

Diisopropyl ether

Concen: 20.111 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Tgt Ion: 45 Resp: 862817

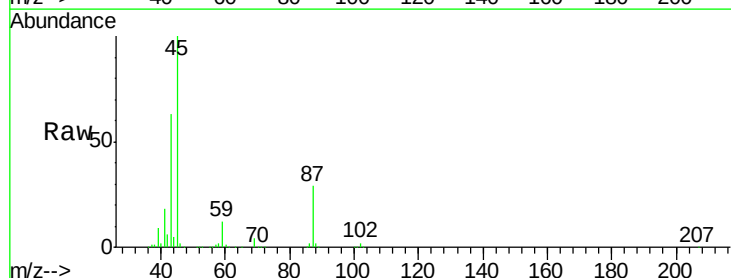
Ion Ratio Lower Upper

45 100

43 61.1 48.1 72.1

87 28.5 22.6 34.0

59 11.8 9.2 13.8

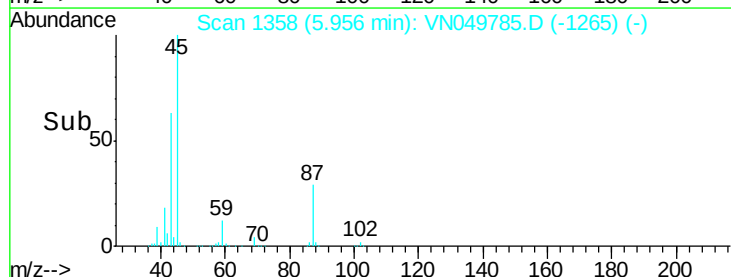
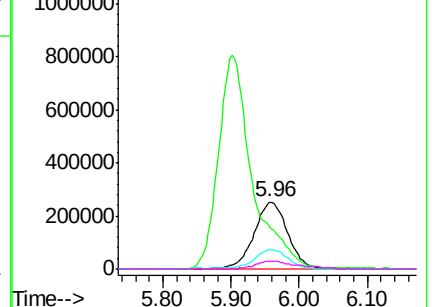


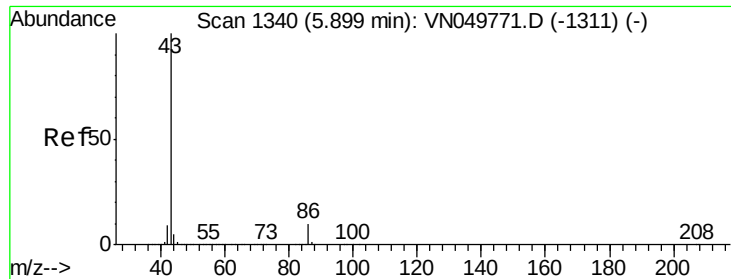
Abundance Ion 45.00 (44.70 to 45.70): VN049785.D (-1265) (-)

Ion 43.00 (42.70 to 43.70): VN049785.D (-1265) (-)

Ion 87.00 (86.70 to 87.70): VN049785.D (-1265) (-)

Ion 59.00 (58.70 to 59.70): VN049785.D (-1265) (-)

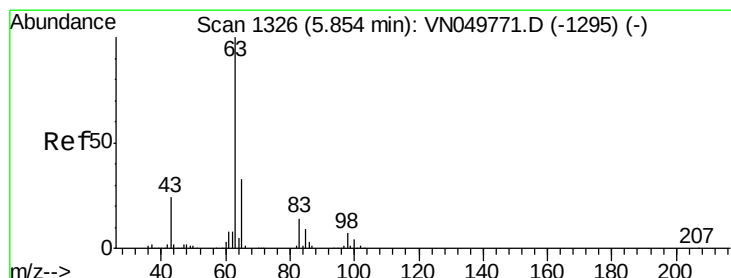
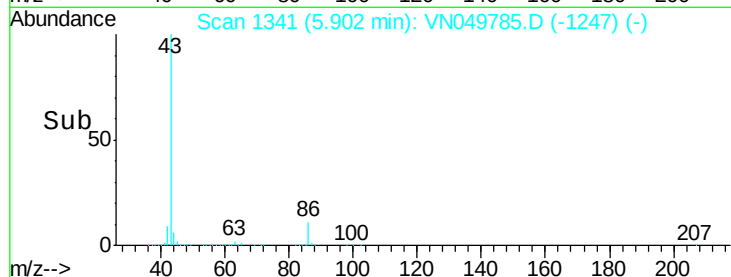
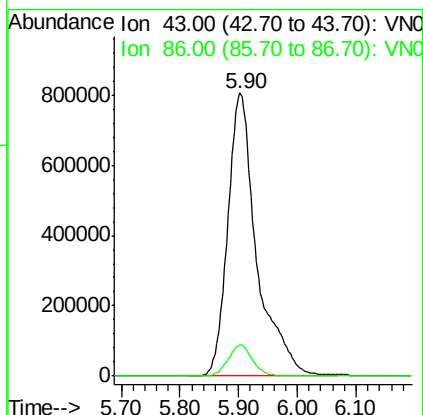
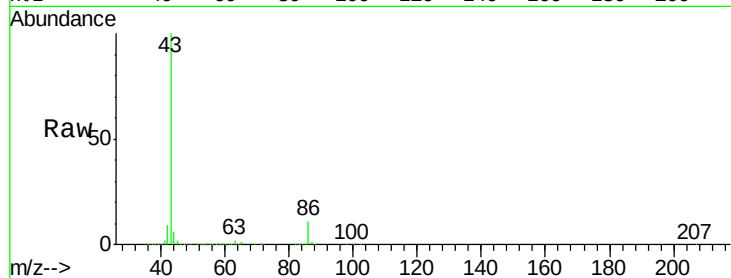




#23
 Vinyl Acetate
 Concen: 96.466 ug/l
 RT: 5.90 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

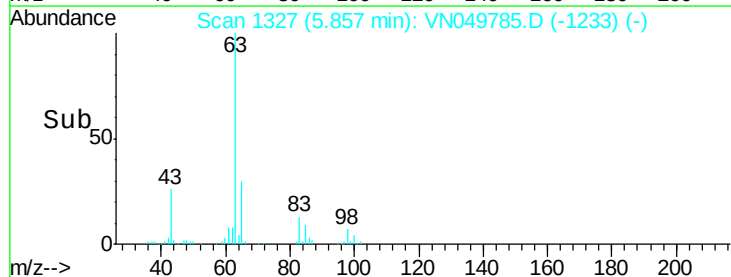
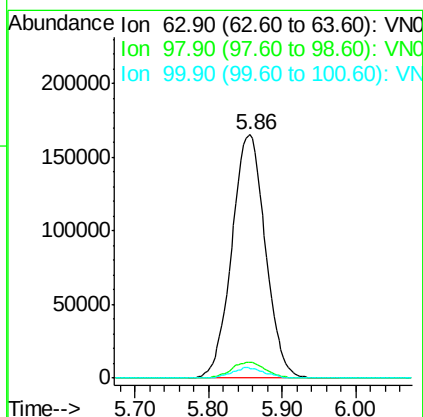
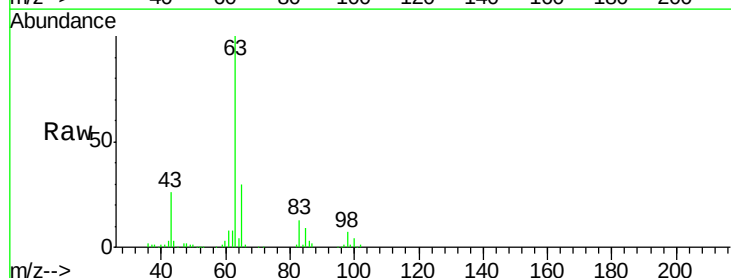
Instrument :
 MSVOA_N
 ClientSampled :

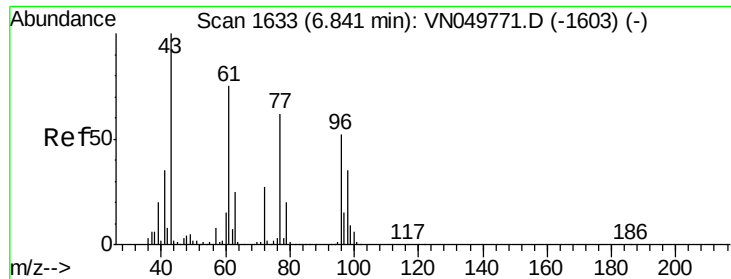
Tot Ion: 43 Resp: 2773525
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.410 ug/l
 RT: 5.86 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

Tgt Ion: 63 Resp: 523166
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.0 2.2 6.6

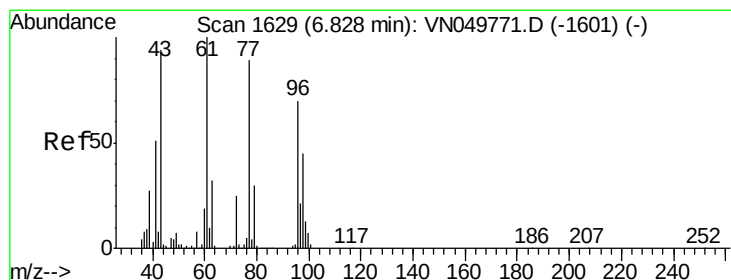
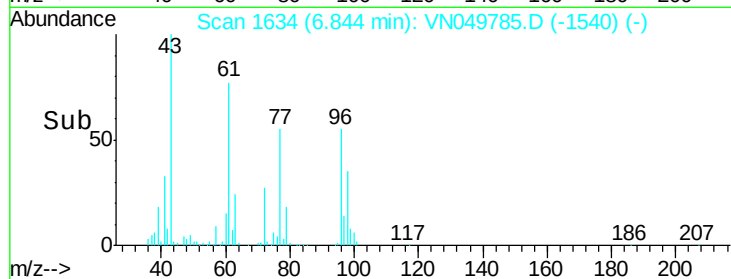
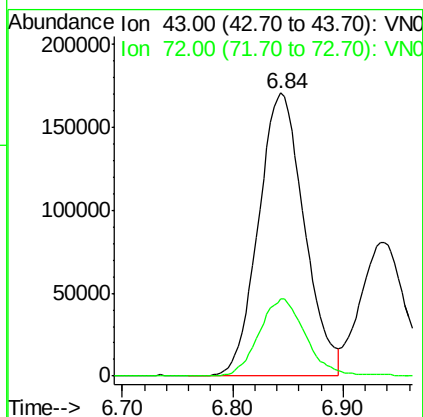
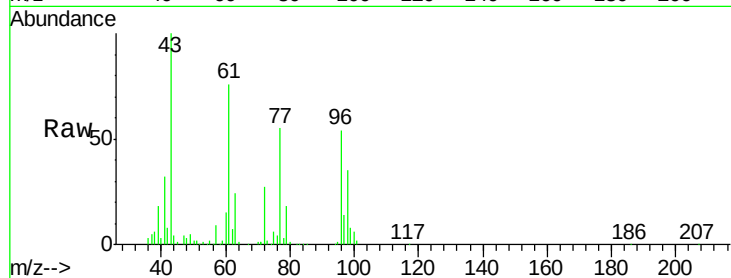




#25
 2-Butanone
 Concen: 91.282 ug/l
 RT: 6.84 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

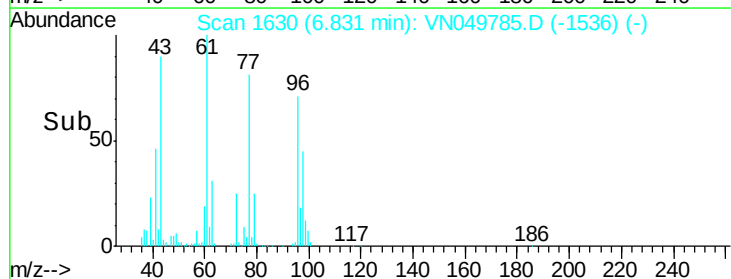
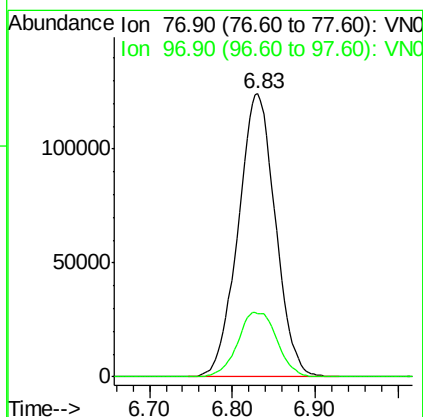
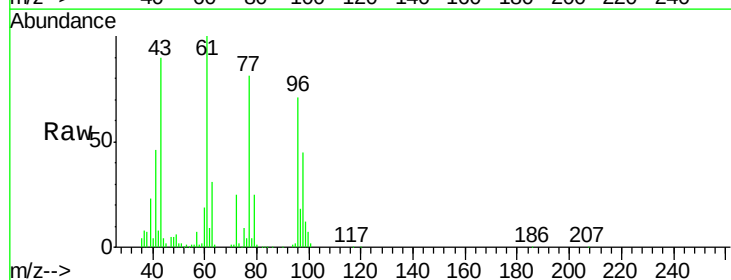
Instrument :
 MSVOA_N
 ClientSampled :

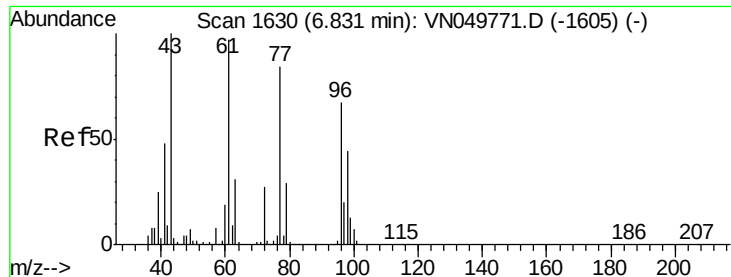
Tot Ion: 43 Resp: 489738
 Ion Ratio Lower Upper
 43 100
 72 27.3 22.1 33.1



#26
 2,2-Dichloropropane
 Concen: 17.289 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

Tgt Ion: 77 Resp: 386759
 Ion Ratio Lower Upper
 77 100
 97 24.2 11.9 35.5

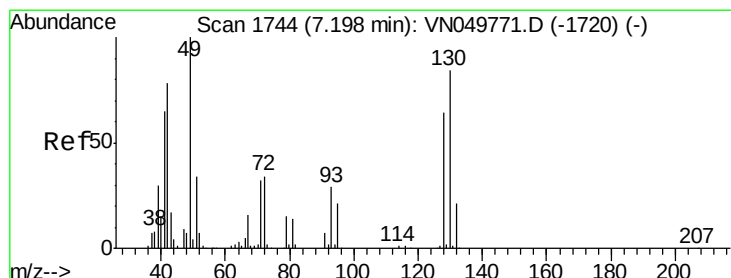
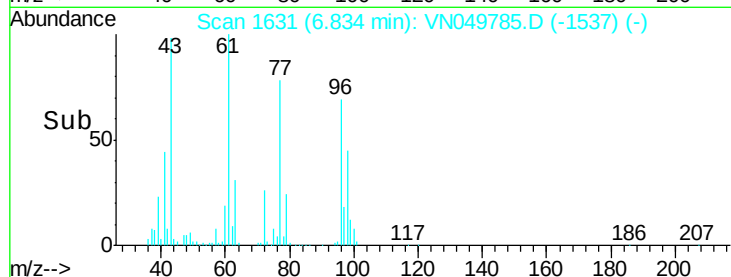
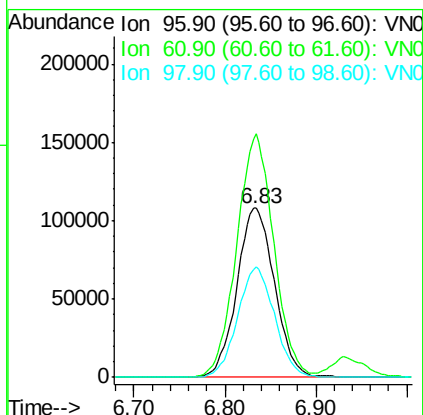
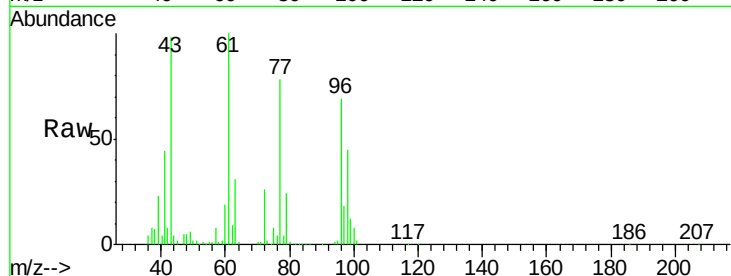




#27
 cis-1,2-Dichloroethene
 Concen: 19.452 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

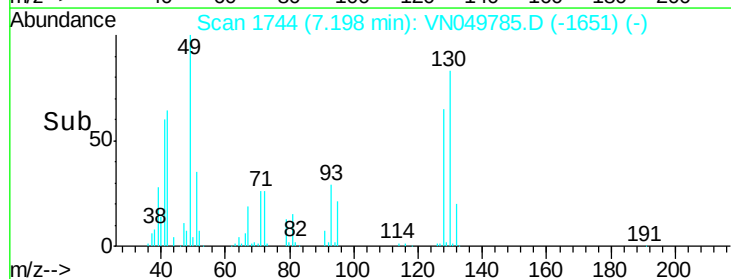
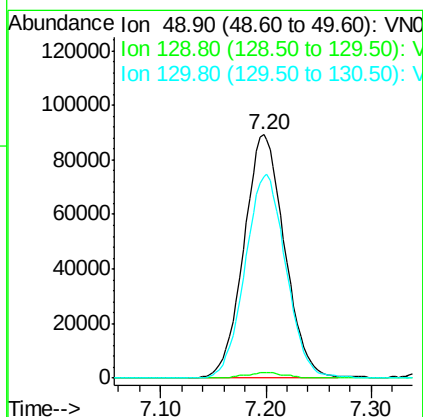
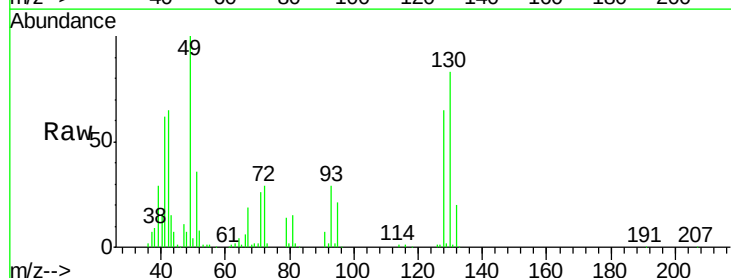
Instrument :
 MSVOA_N
 ClientSampleId :

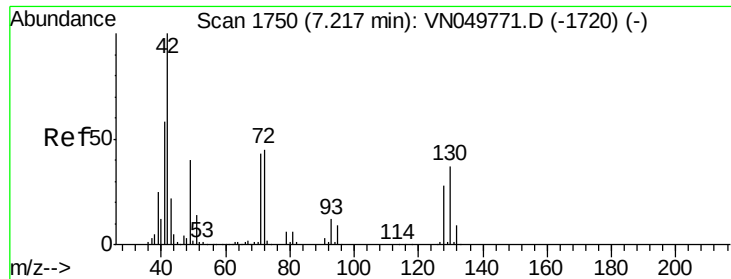
Tot Ion: 96 Resp: 311202
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 289.0
 98 63.9 0.0 130.2



#28
 Bromochloromethane
 Concen: 19.571 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

Tgt Ion: 49 Resp: 239922
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 84.0 65.5 98.3

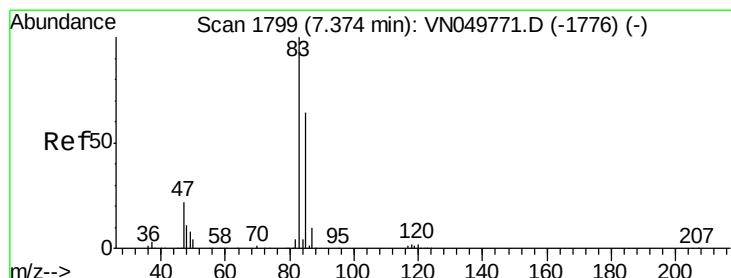
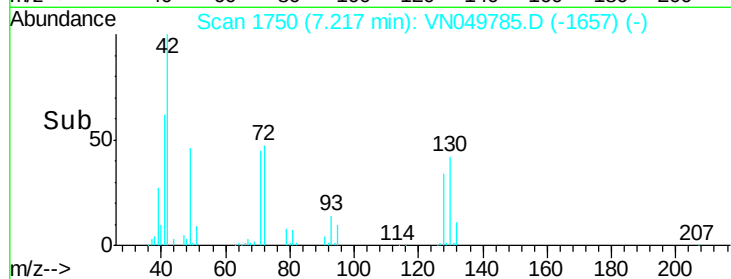
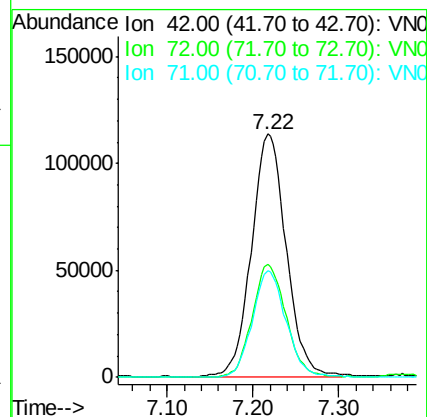
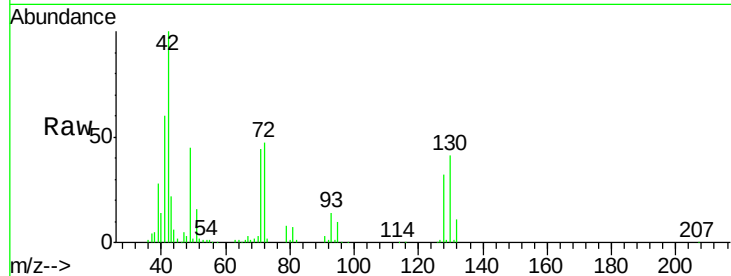




#29
Tetrahydrofuran
Concen: 94.635 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

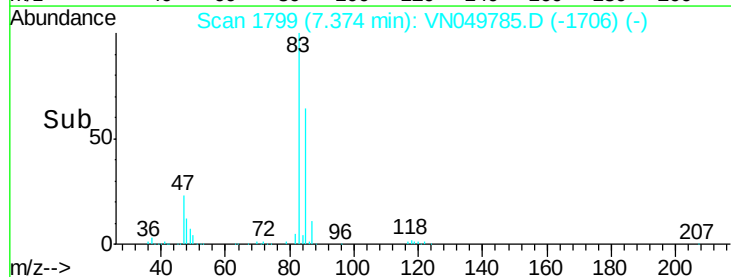
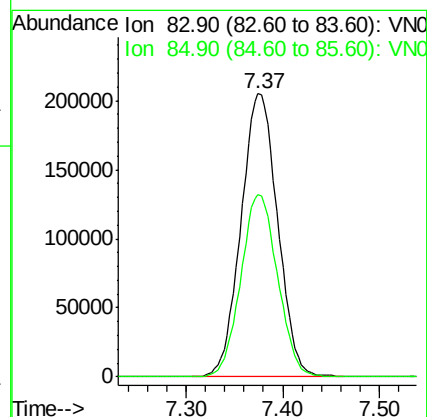
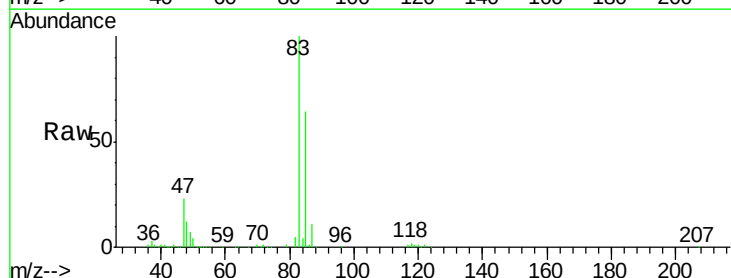
Instrument :
MSVOA_N
ClientSampled :

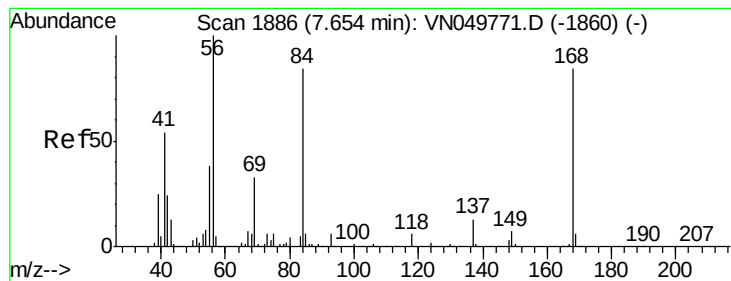
Tot Ion: 42 Resp: 318825
Ion Ratio Lower Upper
42 100
72 45.6 35.6 53.4
71 42.9 34.0 51.0



#30
Chloroform
Concen: 19.405 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion: 83 Resp: 538892
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.2





#31

Cyclohexane

Concen: 19.243 ug/l

RT: 7.66 min Scan# 1887

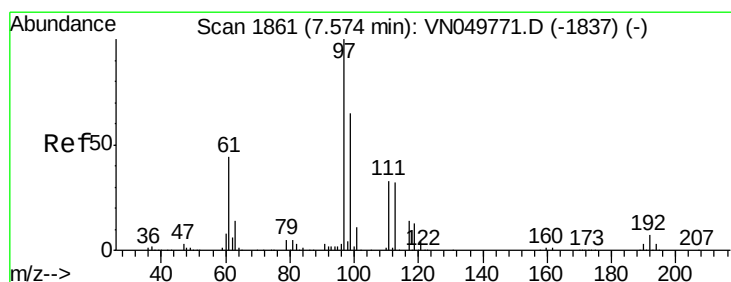
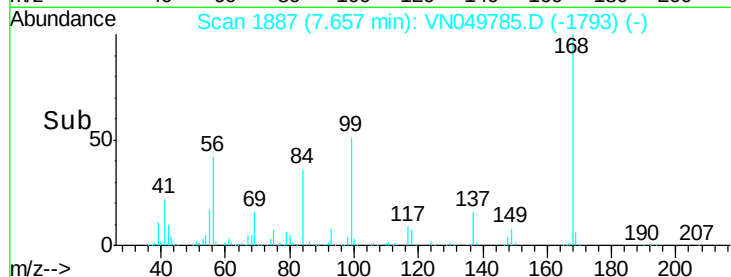
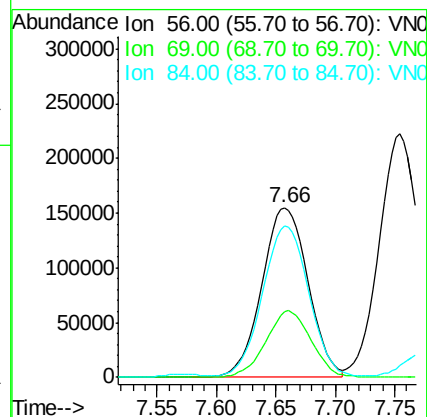
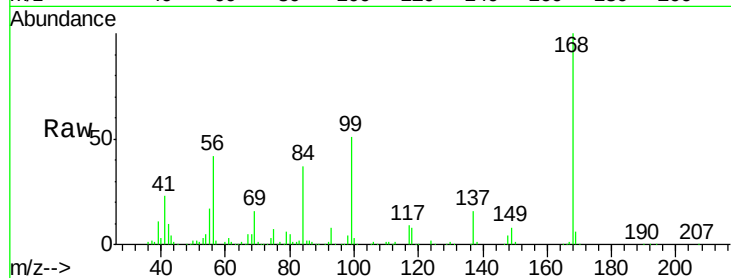
Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	56	Resp:	416157
Ion	Ratio	Lower	Upper
56	100		
69	38.5	26.6	40.0
84	87.4	69.0	103.6



#32

1,1,1-Trichloroethane

Concen: 19.510 ug/l

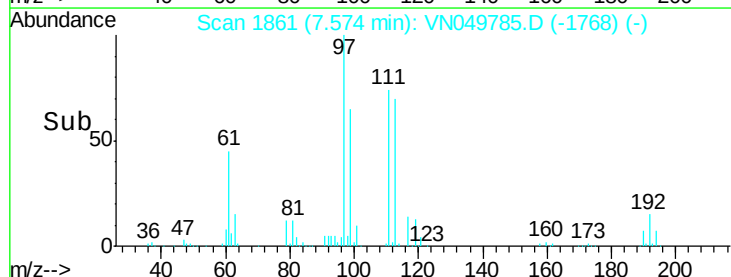
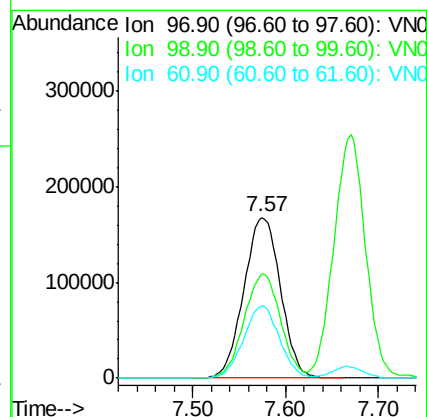
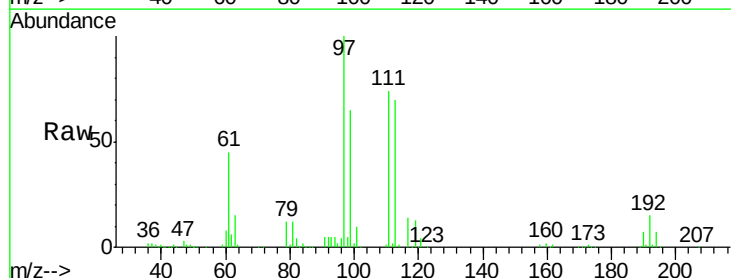
RT: 7.57 min Scan# 1861

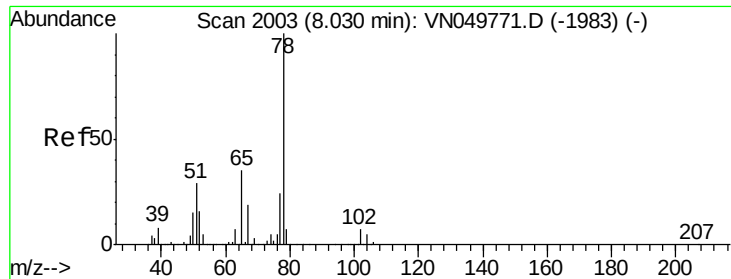
Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Tgt Ion:	97	Resp:	460154
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	44.2	35.5	53.3

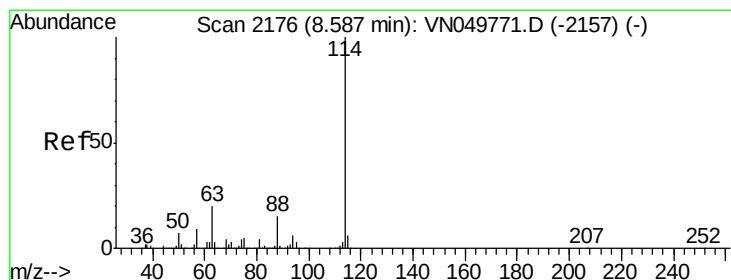
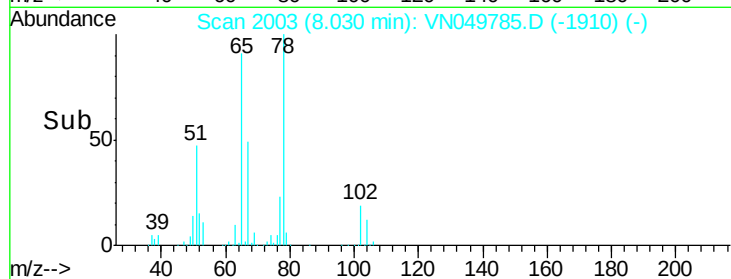
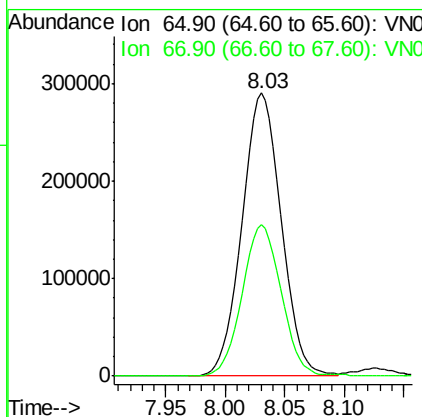
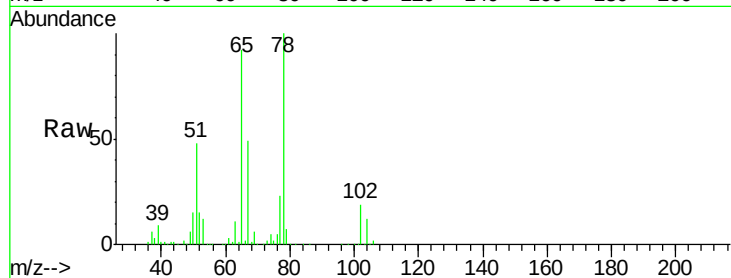




#33
 1,2-Dichloroethane-d4
 Concen: 48.245 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

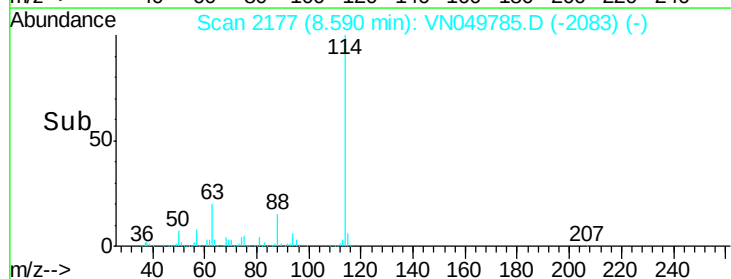
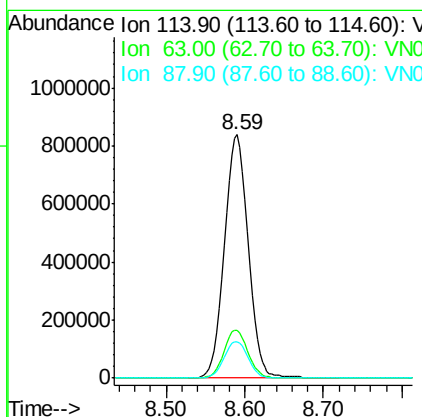
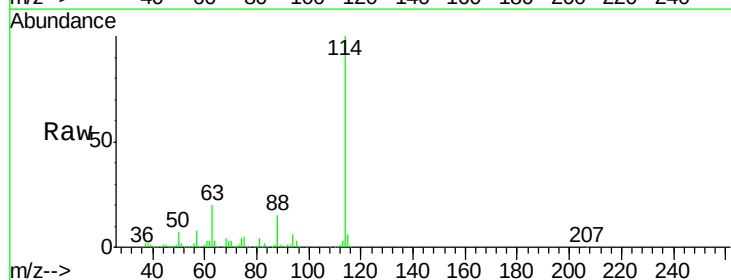
Instrument :
 MSVOA_N
 ClientSampleId :

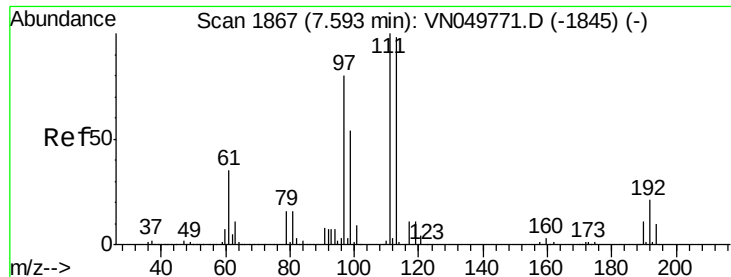
Tot Ion: 65 Resp: 664213
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

Tgt Ion: 114 Resp: 1747332
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.1 0.0 30.6

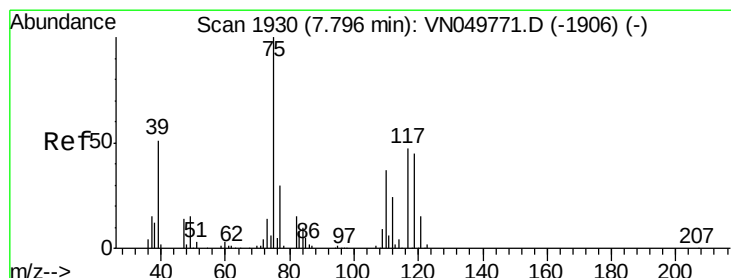
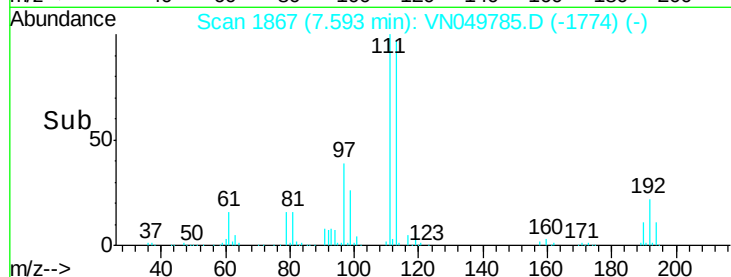
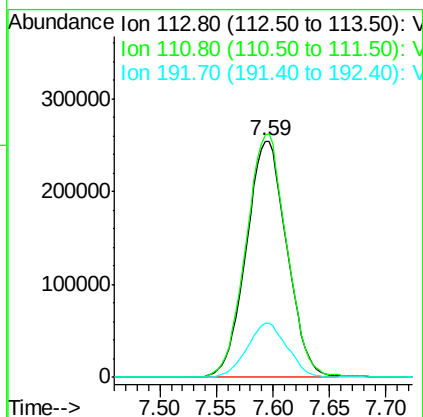
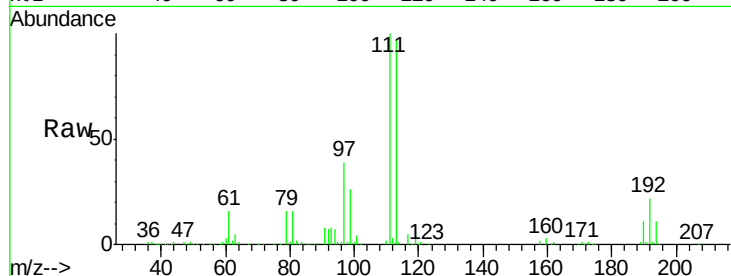




#35
 Dibromofluoromethane
 Concen: 48.177 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

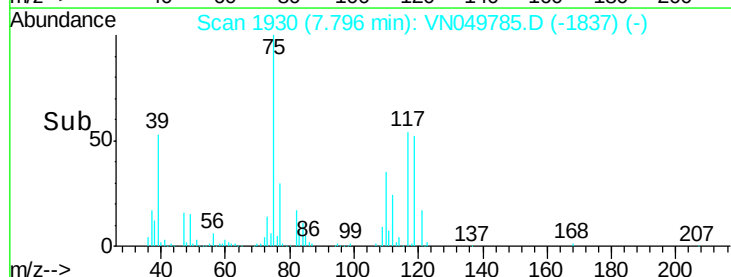
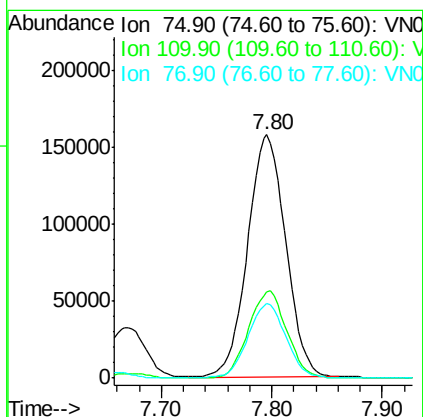
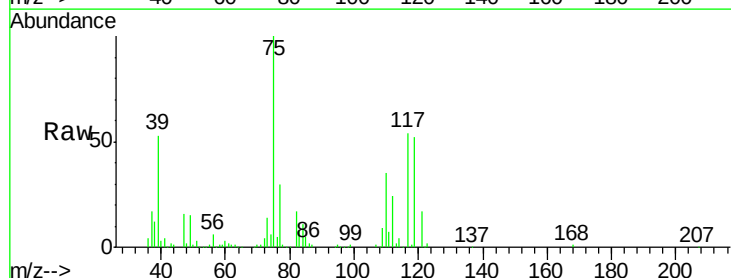
Instrument :
 MSVOA_N
 ClientSampleId :

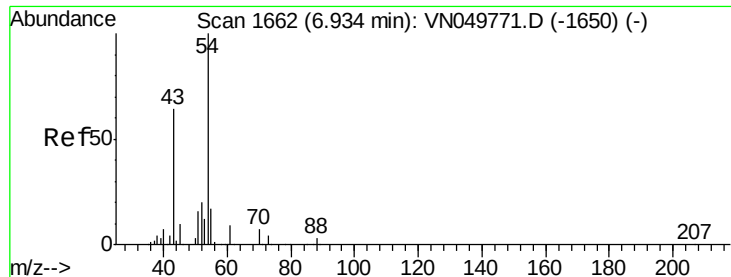
Tot Ion:113 Resp: 634538
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.8 122.8
 192 22.8 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 18.717 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

Tgt Ion: 75 Resp: 376885
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.1 54.4
 77 31.0 24.9 37.3

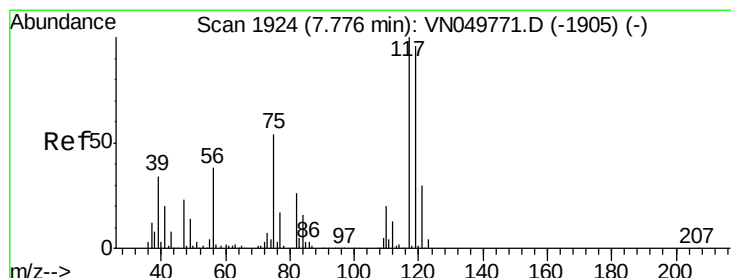
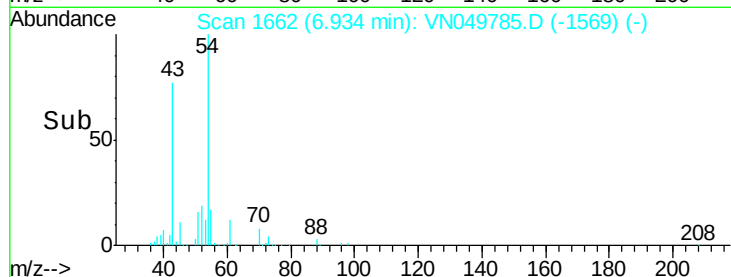
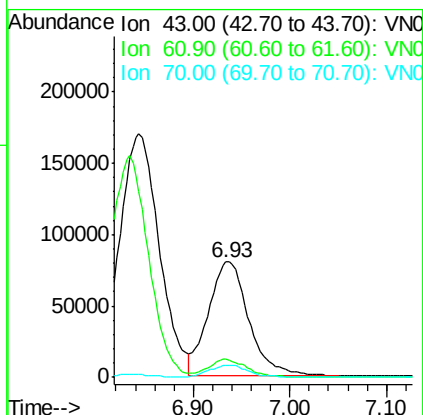
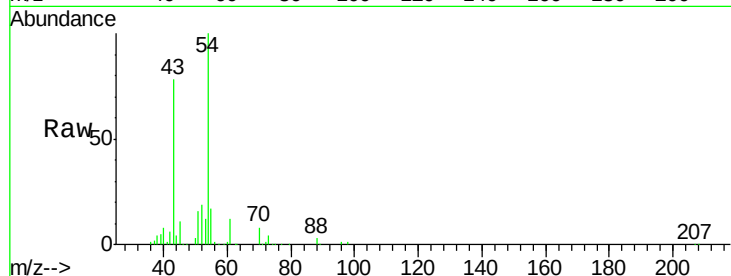




#37
Ethyl Acetate
Concen: 19.518 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

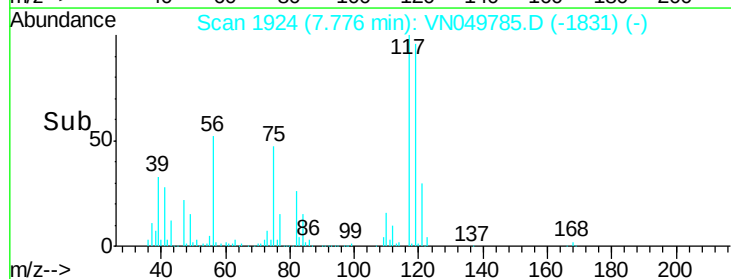
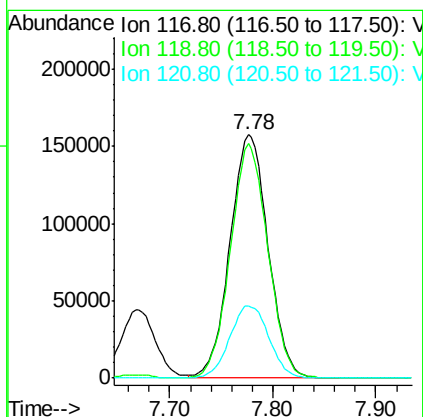
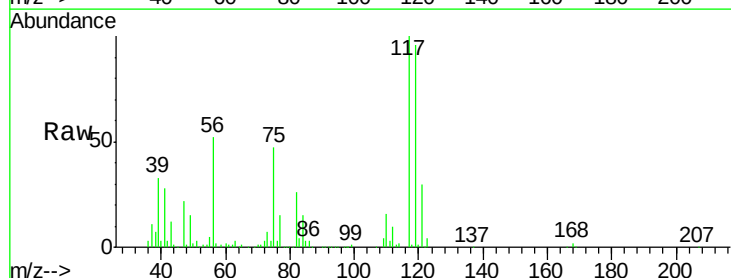
Instrument :
MSVOA_N
ClientSampled :

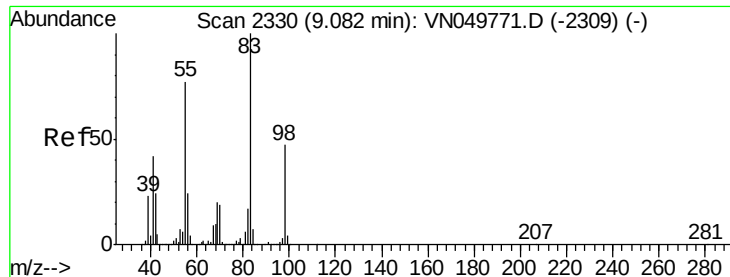
Tot Ion: 43 Resp: 232629
Ion Ratio Lower Upper
43 100
61 14.5 11.7 17.5
70 9.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.112 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion: 117 Resp: 402286
Ion Ratio Lower Upper
117 100
119 96.1 77.2 115.8
121 29.6 25.0 37.6

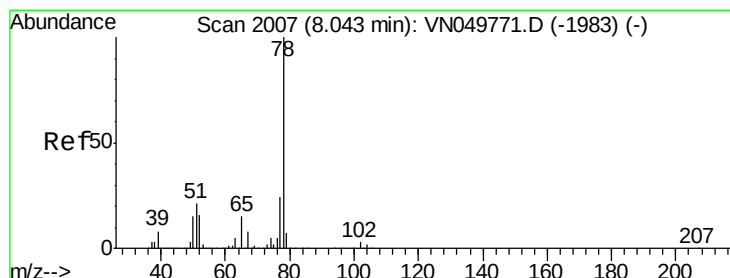
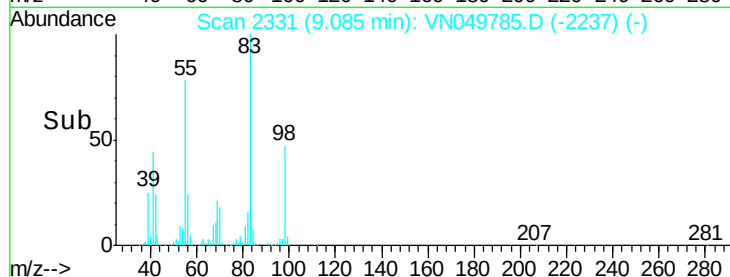
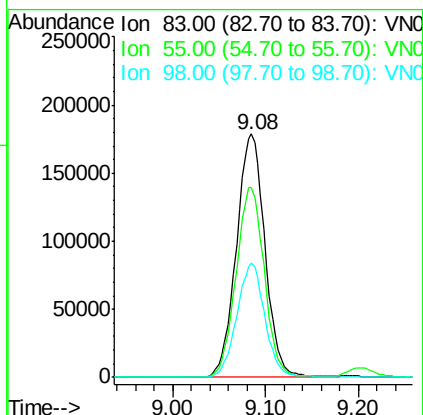
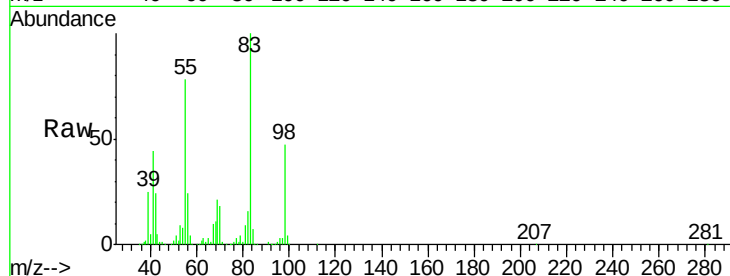




#39
Methylvlcyclohexane
Concen: 18.028 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

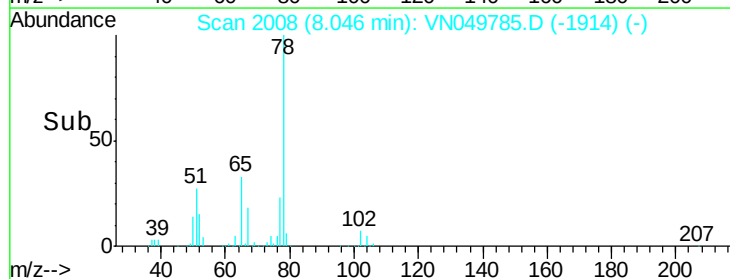
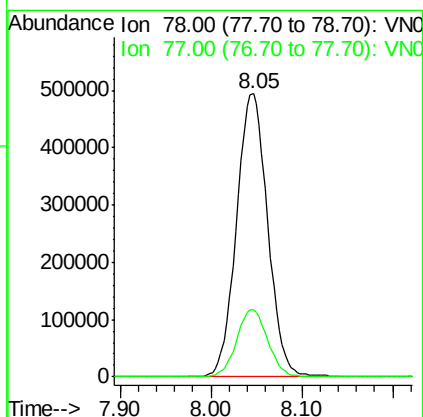
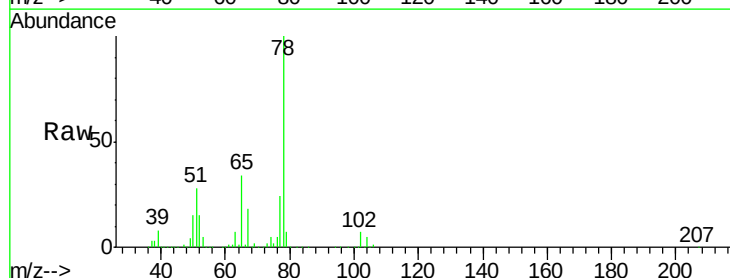
Instrument :
MSVOA_N
ClientSampled :

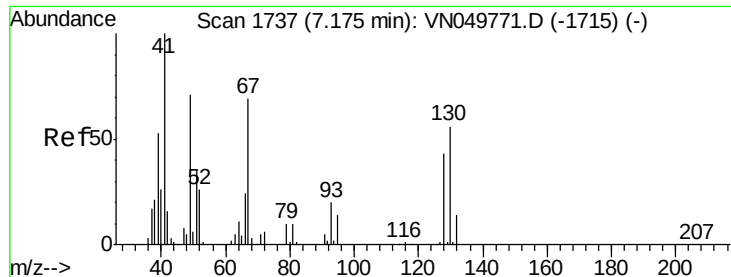
Tot Ion: 83 Resp: 382622
Ion Ratio Lower Upper
83 100
55 78.0 59.7 89.5
98 46.9 36.5 54.7



#40
Benzene
Concen: 19.498 ug/l
RT: 8.05 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion: 78 Resp: 1174472
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

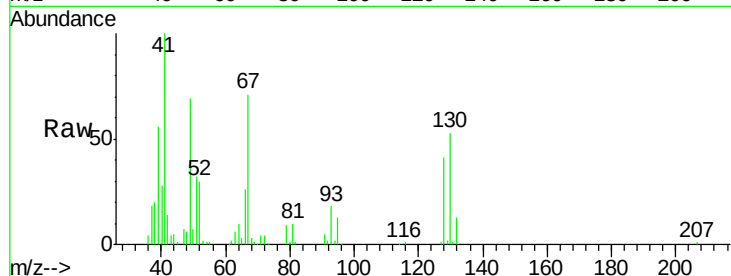




#41
Methacrylonitrile
Concen: 18.980 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	127962
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.4	68.2
67	82.0	65.4	98.0
52	33.2	24.7	37.1



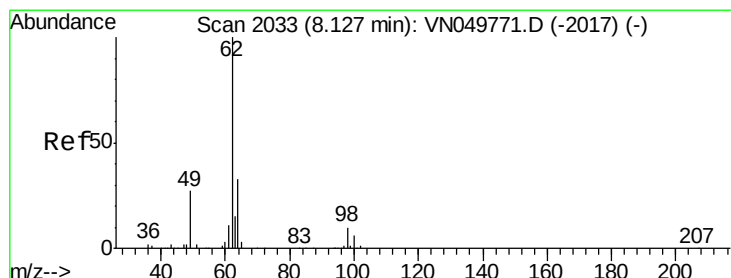
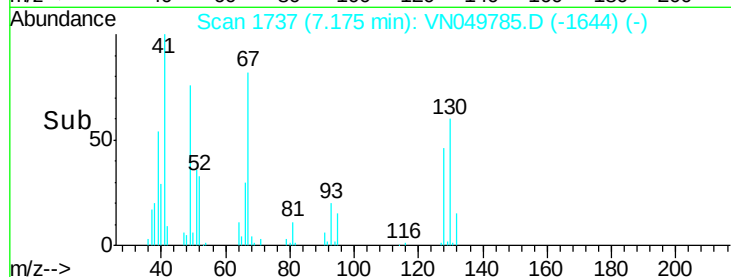
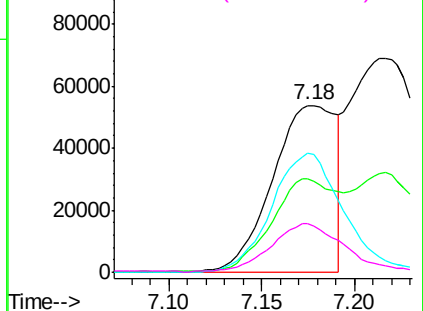
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

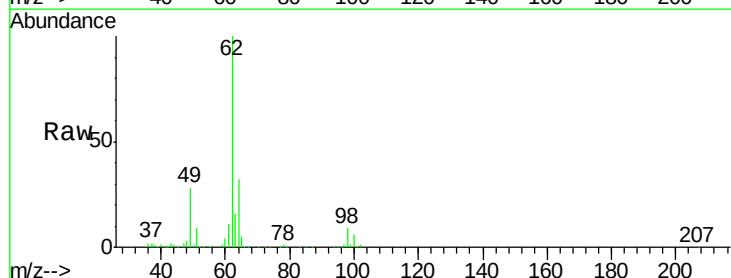
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42
1,2-Dichloroethane
Concen: 19.298 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

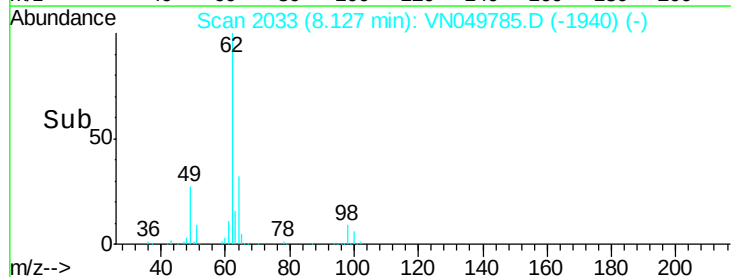
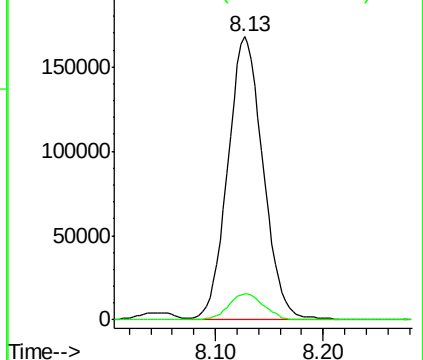
Tgt Ion:	62	Resp:	380226
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.0

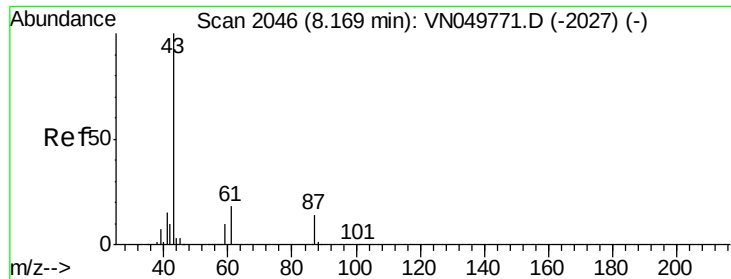


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.372 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

ClientSampleId :

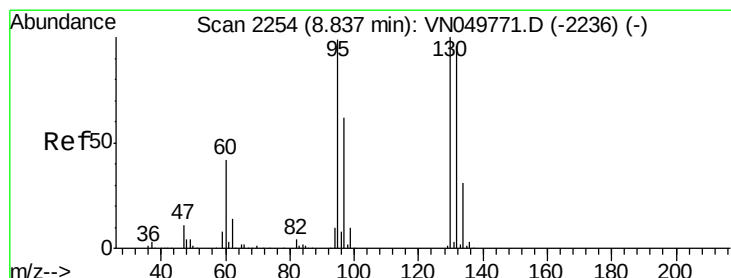
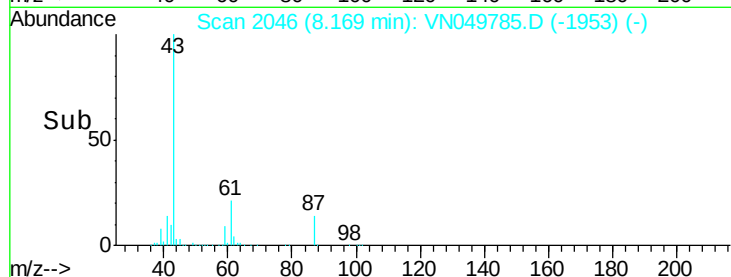
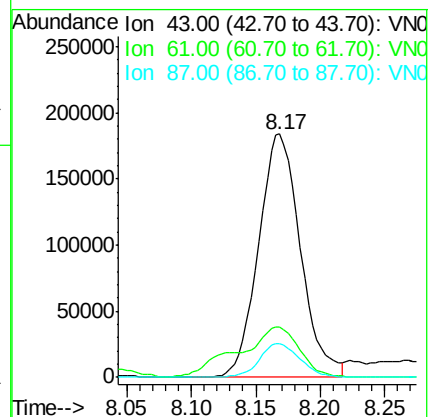
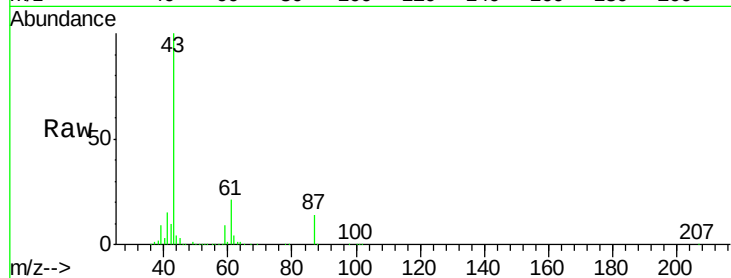
Tot Ion: 43 Resp: 415020

Ion Ratio Lower Upper

43 100

61 20.3 14.9 22.3

87 13.6 10.0 15.0



#44

Trichloroethene

Concen: 18.748 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049785.D

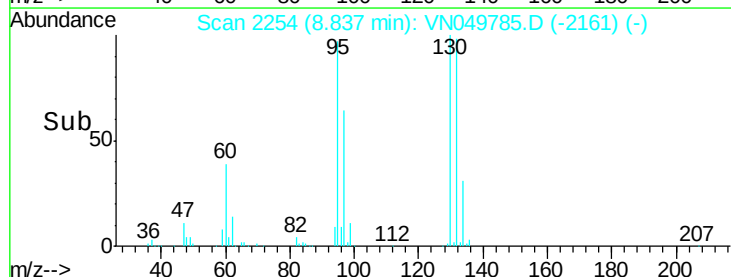
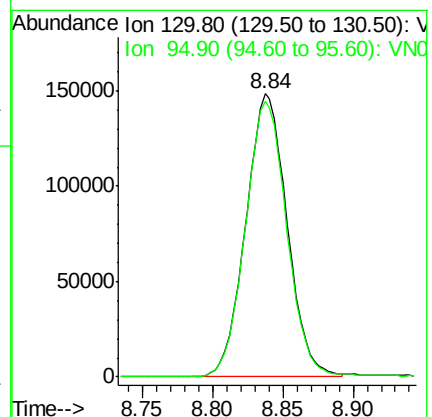
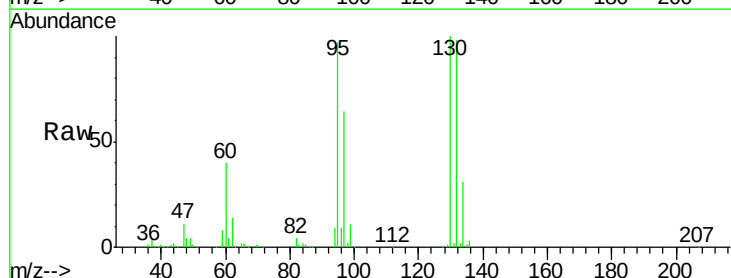
Acq: 12 Jul 2018 22:19

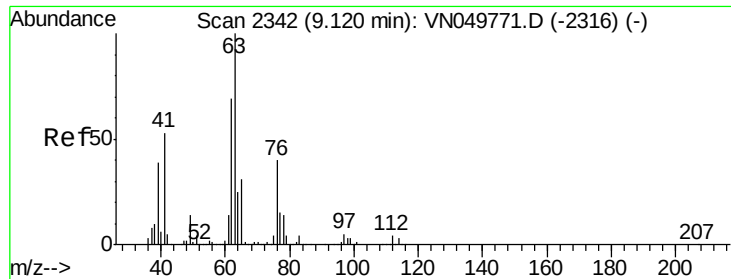
Tgt Ion:130 Resp: 304078

Ion Ratio Lower Upper

130 100

95 97.3 0.0 192.8

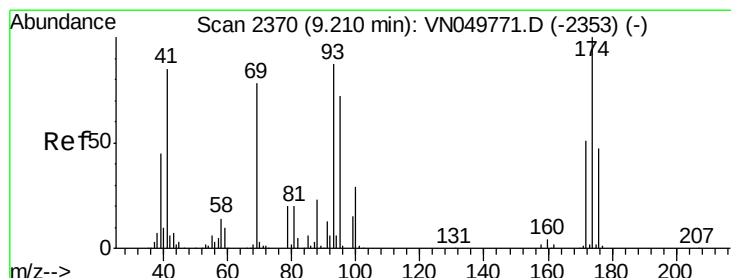
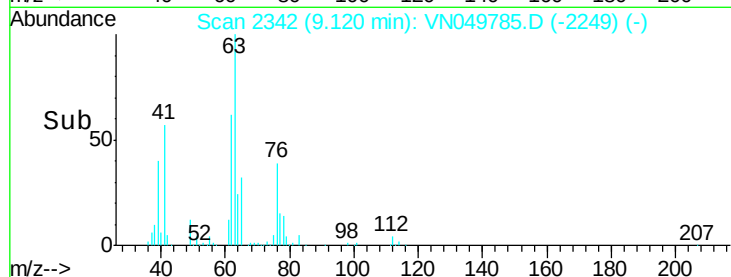
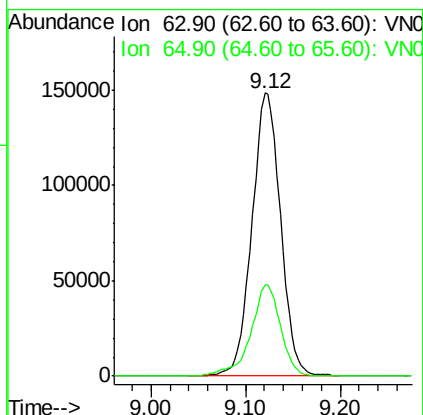
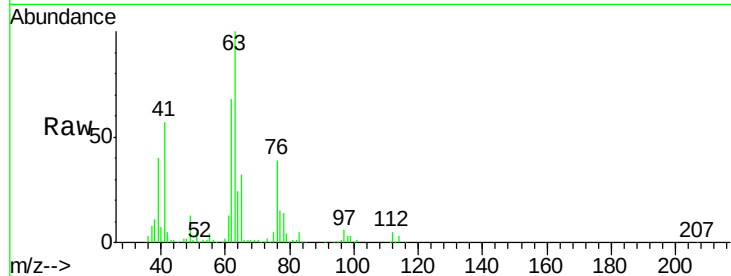




#45
 1,2-Dichloropropane
 Concen: 19.309 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

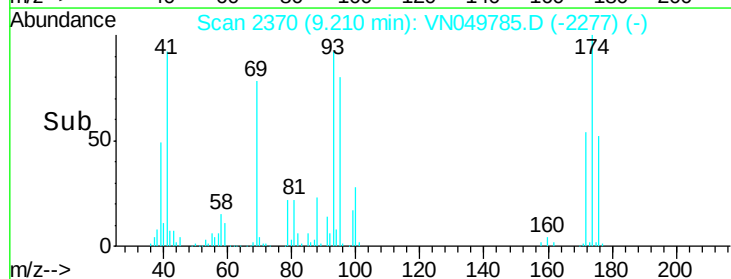
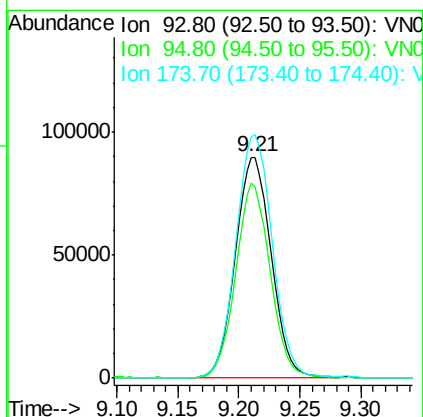
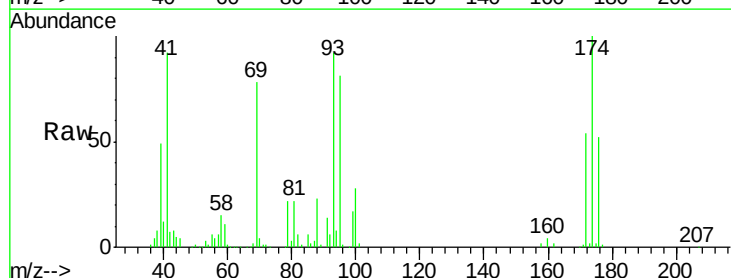
Instrument :
 MSVOA_N
 ClientSampleId :

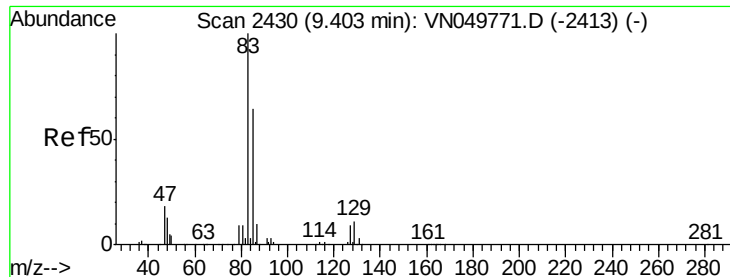
Tot Ion: 63 Resp: 312574
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.7 37.1



#46
 Dibromomethane
 Concen: 19.087 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

Tgt Ion: 93 Resp: 183516
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.9 101.9
 174 111.8 89.4 134.0





#47

Bromodichloromethane

Concen: 19.438 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

ClientSampleId :

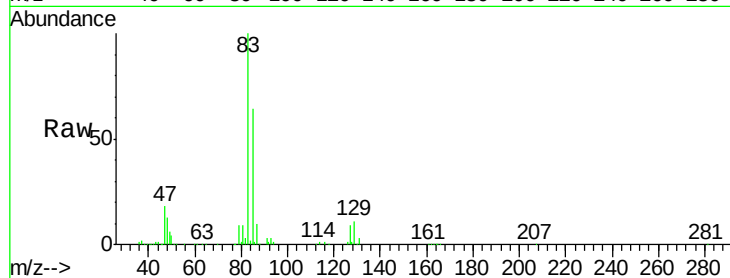
Tot Ion: 83 Resp: 411543

Ion Ratio Lower Upper

83 100

85 63.9 50.5 75.7

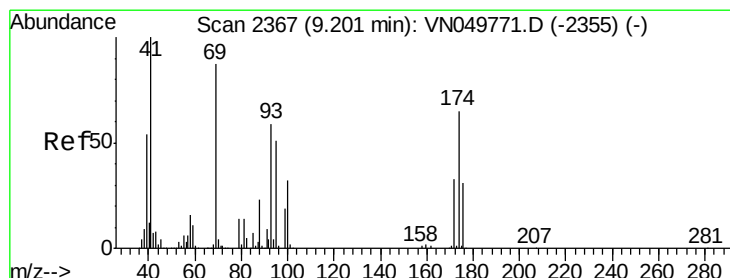
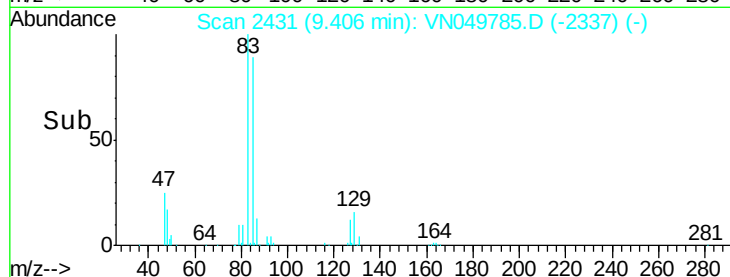
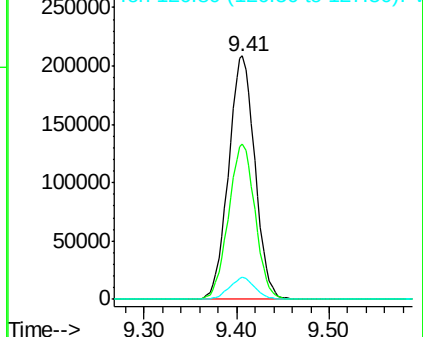
127 8.9 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN049771.D (-2413) (-)

Ion 84.90 (84.60 to 85.60): VN049771.D (-2413) (-)

Ion 126.80 (126.50 to 127.50): VN049771.D (-2413) (-)



#48

Methyl methacrylate

Concen: 19.316 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

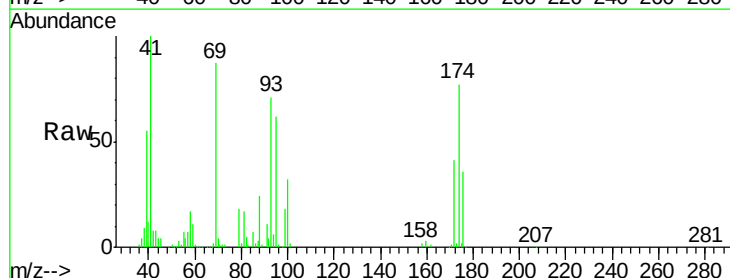
Tgt Ion: 41 Resp: 206898

Ion Ratio Lower Upper

41 100

69 86.2 71.5 107.3

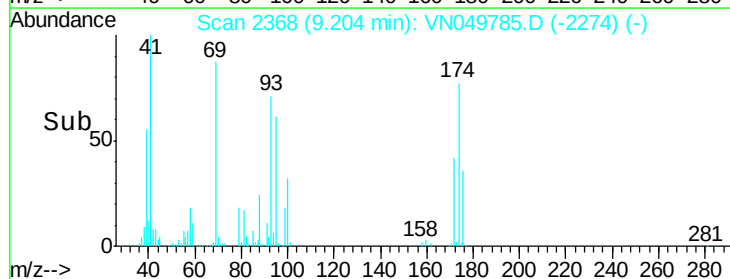
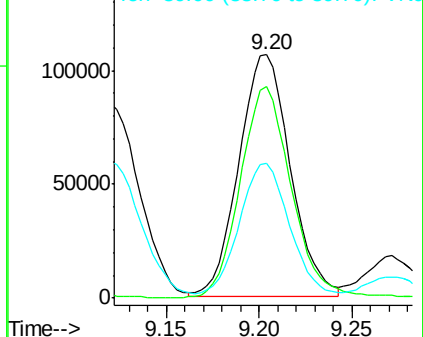
39 54.4 44.7 67.1

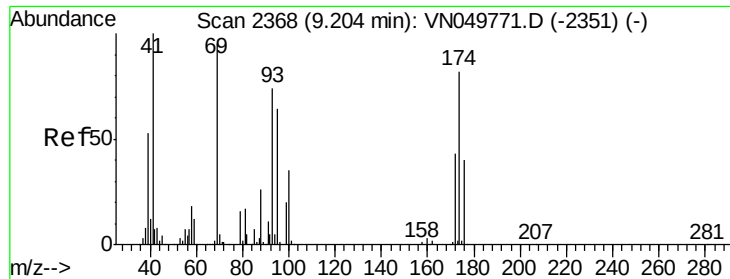


Abundance Ion 41.00 (40.70 to 41.70): VN049771.D (-2355) (-)

Ion 69.00 (68.70 to 69.70): VN049771.D (-2355) (-)

Ion 39.00 (38.70 to 39.70): VN049771.D (-2355) (-)

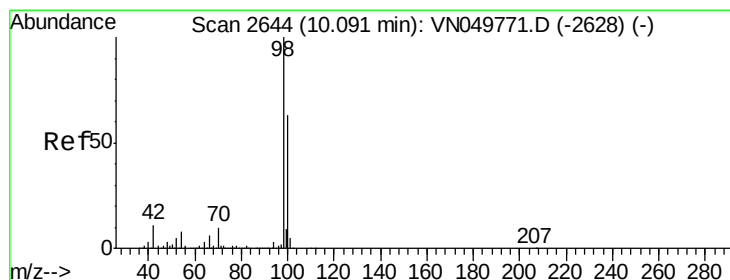
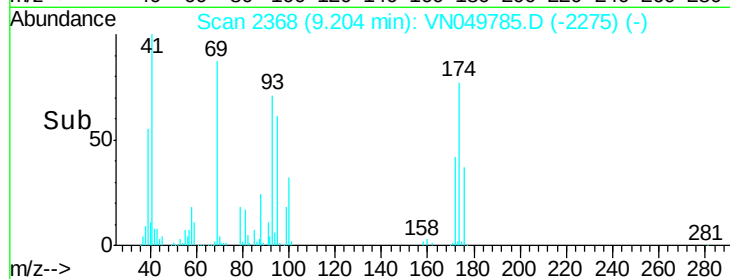
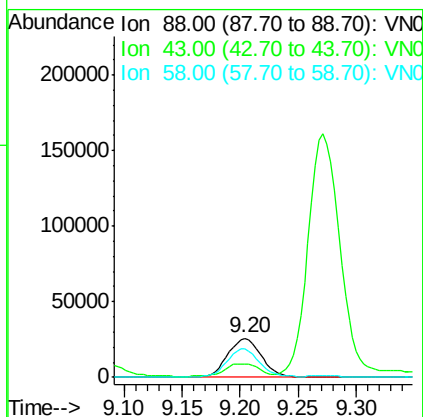
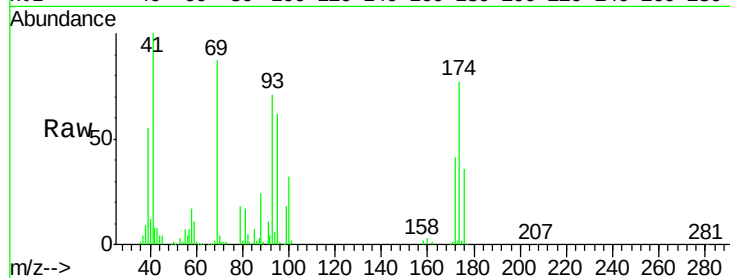




#49
1,4-Dioxane
Concen: 375.646 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

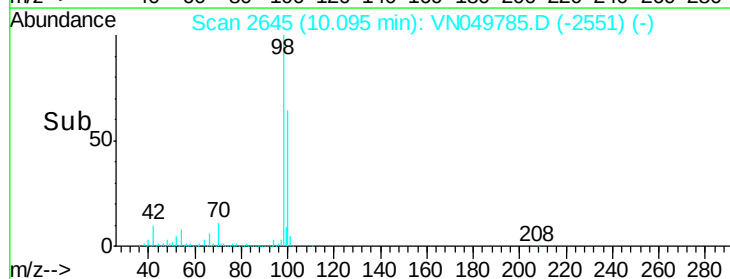
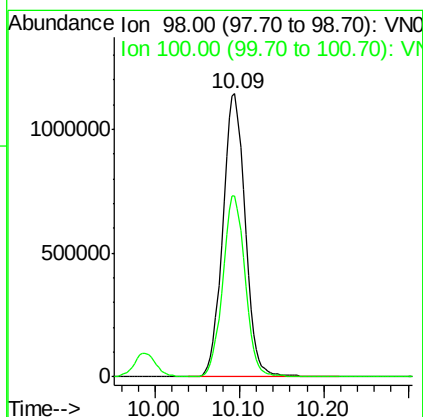
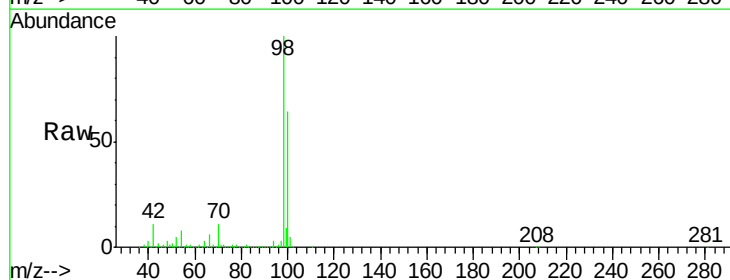
Instrument :
MSVOA_N
ClientSampleId :

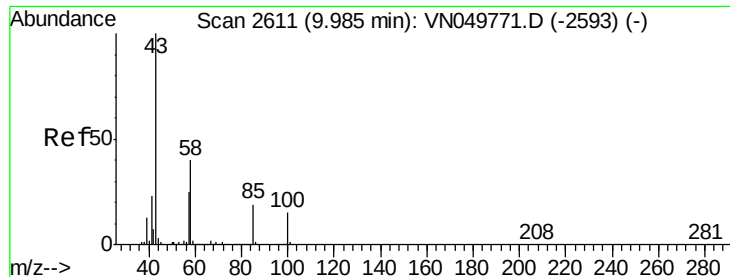
Tot Ion: 88 Resp: 52721
Ion Ratio Lower Upper
88 100
43 32.9 25.1 37.7
58 70.7 52.5 78.7



#50
Toluene-d8
Concen: 46.783 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion: 98 Resp: 2109191
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 98.590 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

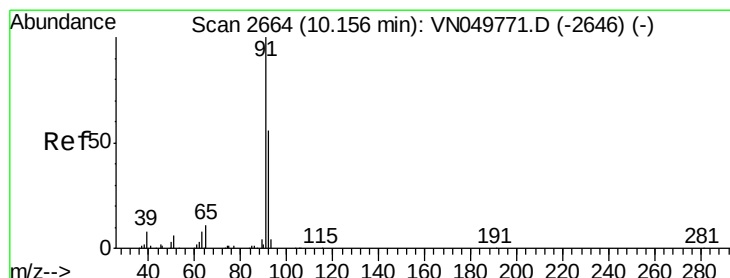
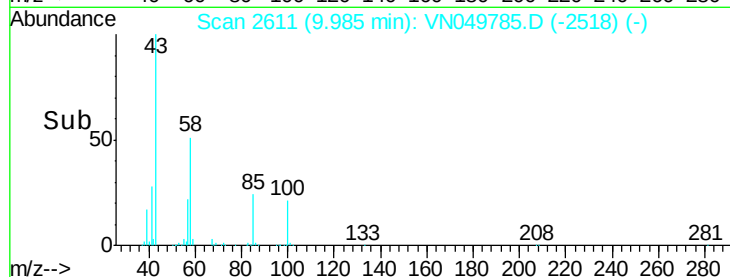
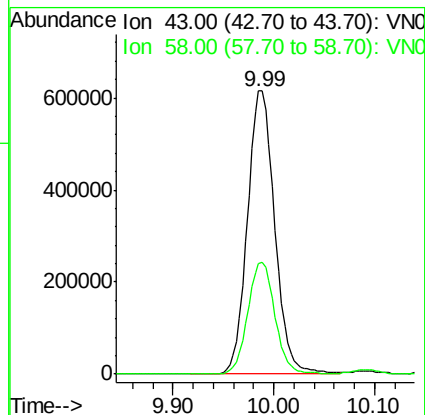
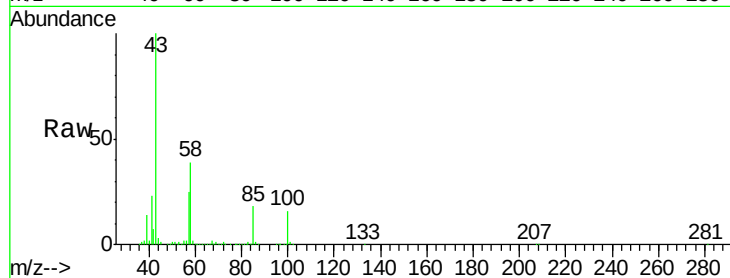
ClientSampled :

Tot Ion: 43 Resp: 1146780

Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.8



#52

Toluene

Concen: 20.035 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049785.D

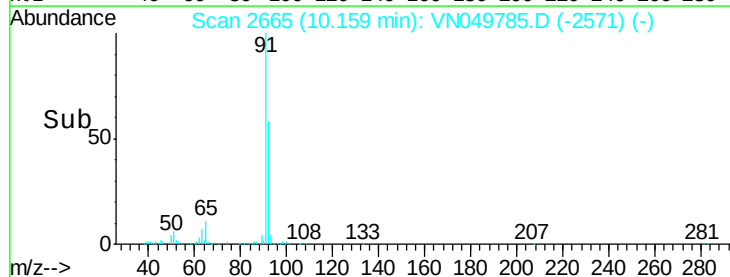
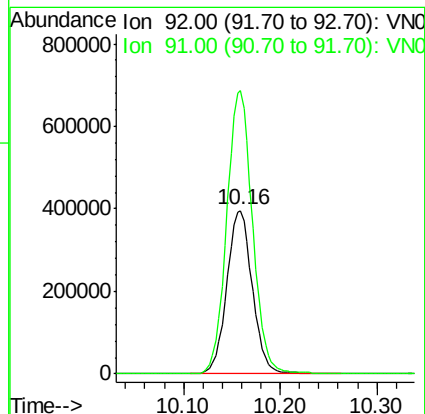
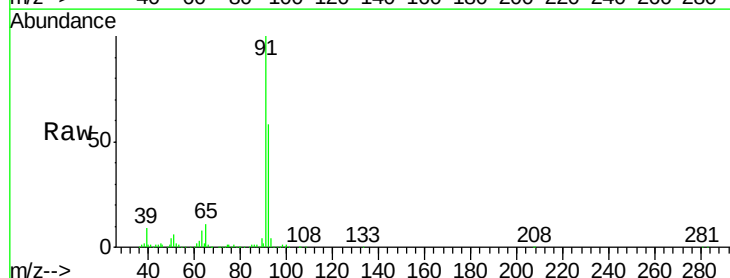
Acq: 12 Jul 2018 22:19

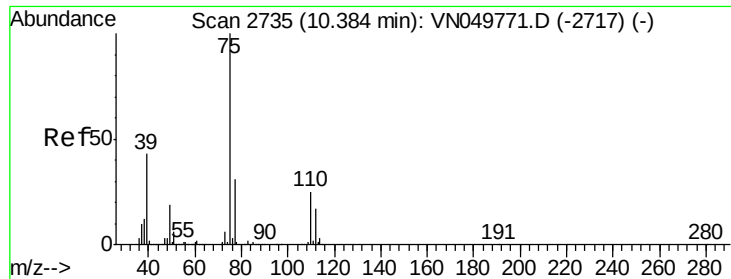
Tgt Ion: 92 Resp: 722274

Ion Ratio Lower Upper

92 100

91 175.9 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 18.486 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

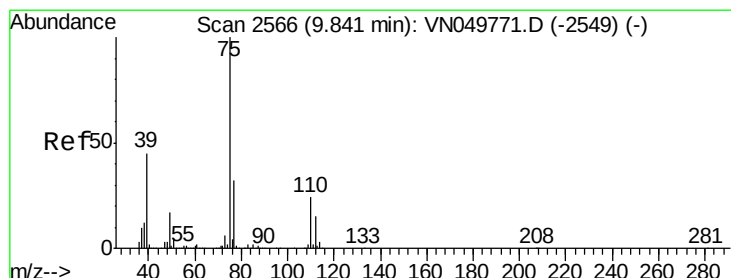
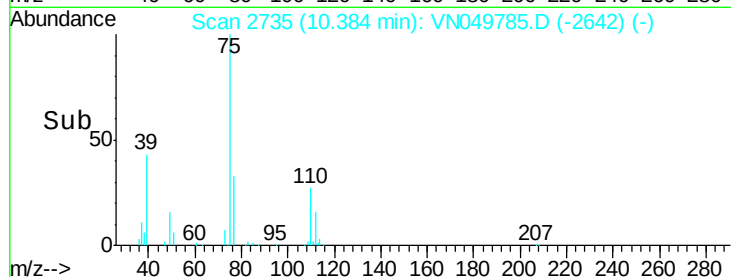
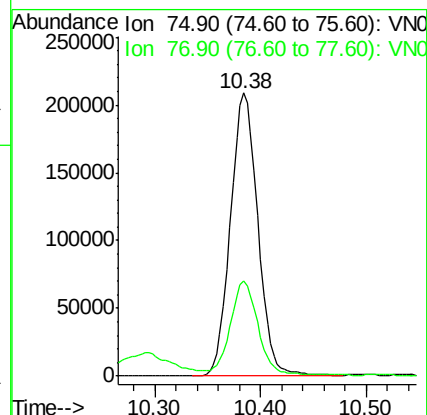
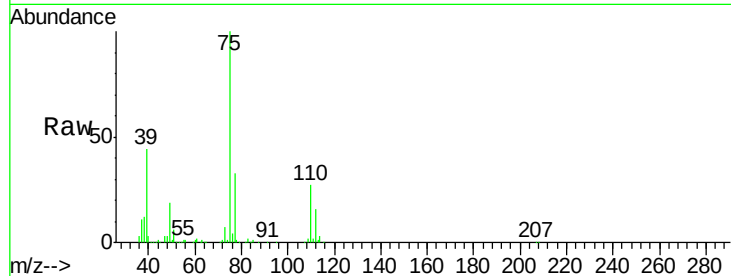
ClientSampleId :

Tot Ion: 75 Resp: 376464

Ion Ratio Lower Upper

75 100

77 32.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.291 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

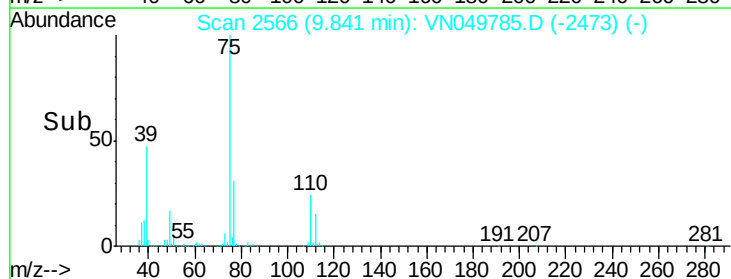
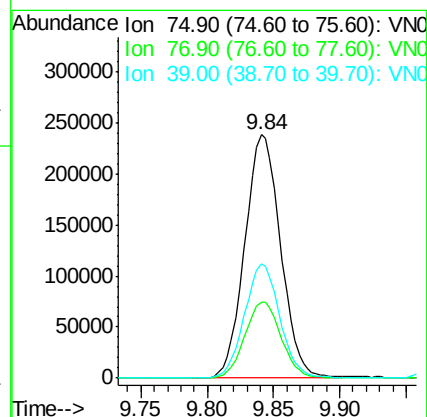
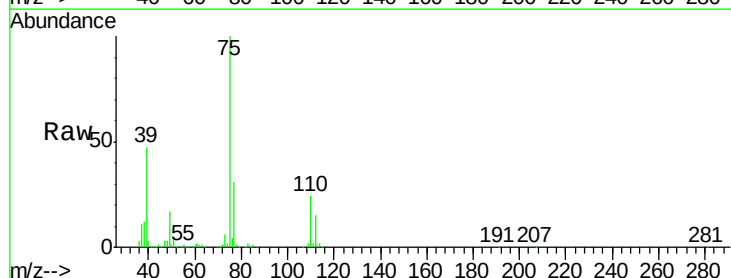
Tgt Ion: 75 Resp: 447468

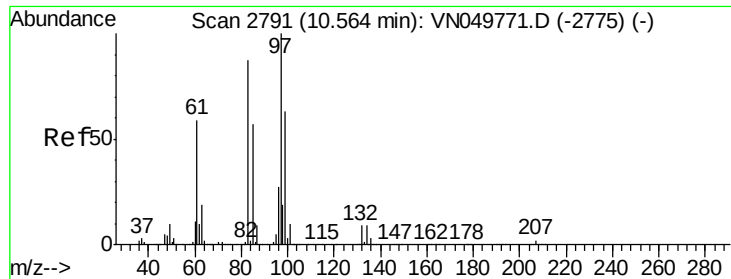
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 46.8 35.5 53.3

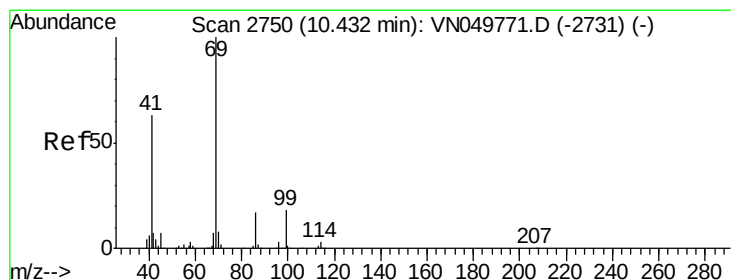
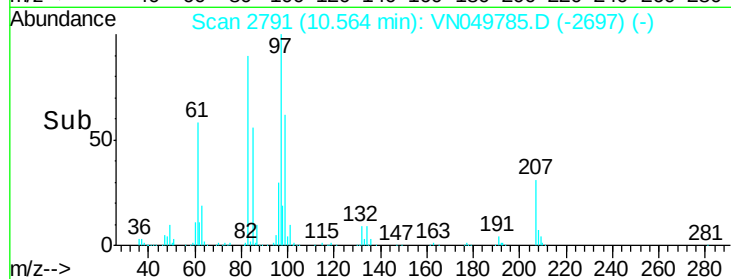
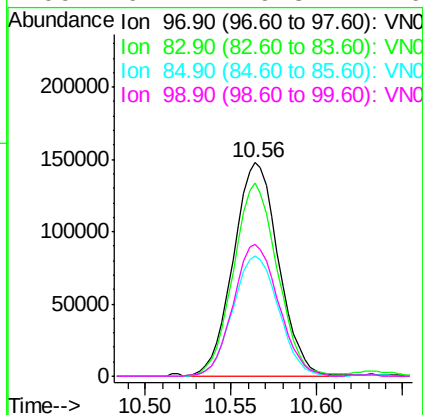
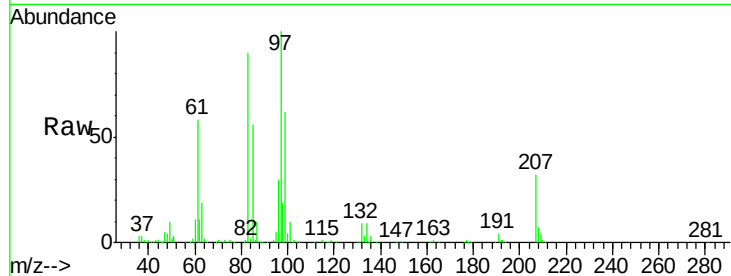




#55
 1,1,2-Trichloroethane
 Concen: 19.349 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

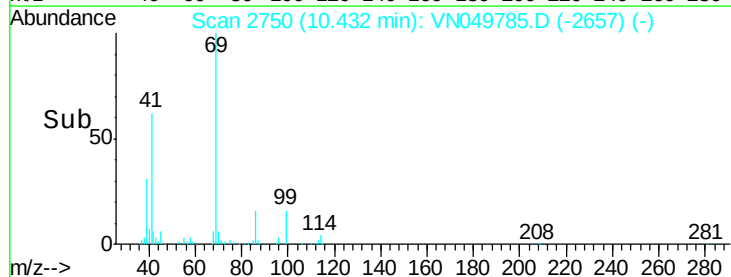
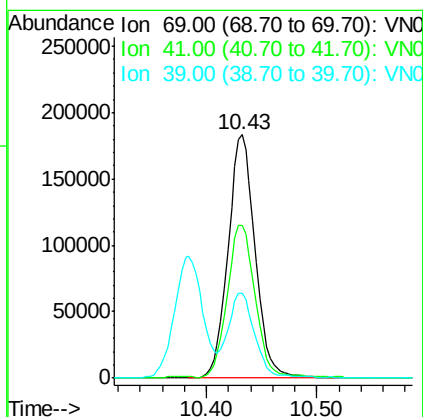
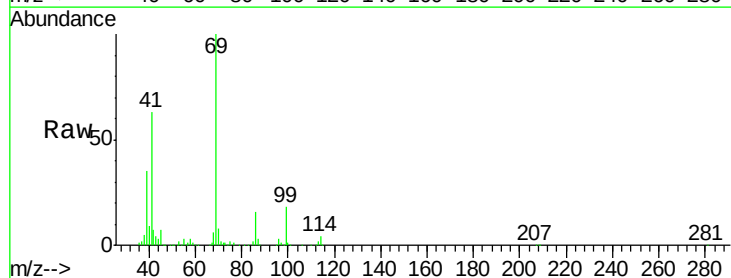
Instrument :
 MSVOA_N
 ClientSampleId :

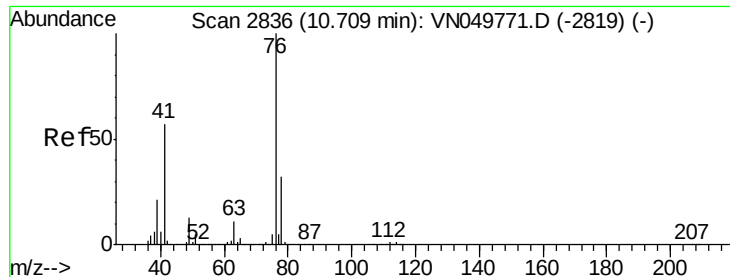
Tot Ion:	97	Resp:	269587
Ion	Ratio	Lower	Upper
97	100		
83	90.0	69.0	103.6
85	56.2	44.9	67.3
99	61.7	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 19.180 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

Tgt Ion:	69	Resp:	312111
Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.6	77.4
39	34.1	25.8	38.8





#57

1,3-Dichloropropane

Concen: 19.484 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

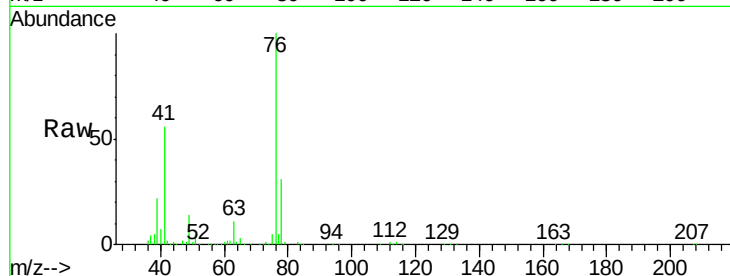
ClientSampled :

Tot Ion: 76 Resp: 447479

Ion Ratio Lower Upper

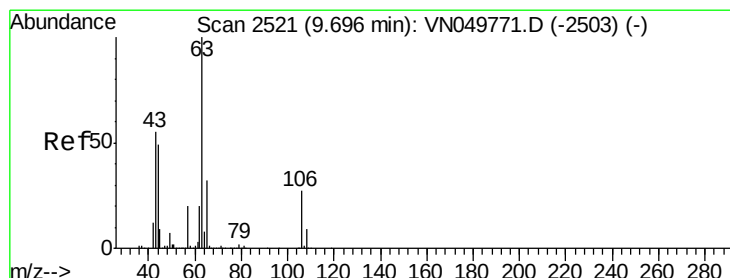
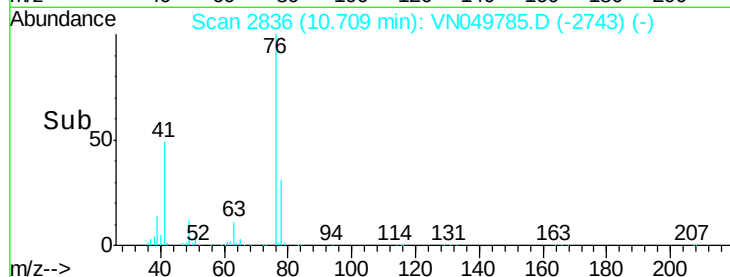
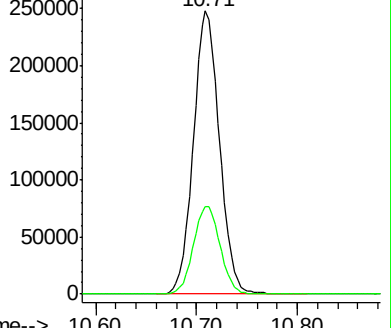
76 100

78 31.8 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN049771.D (-2819) (-)

Ion 77.90 (77.60 to 78.60): VN049771.D (-2819) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 96.277 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049785.D

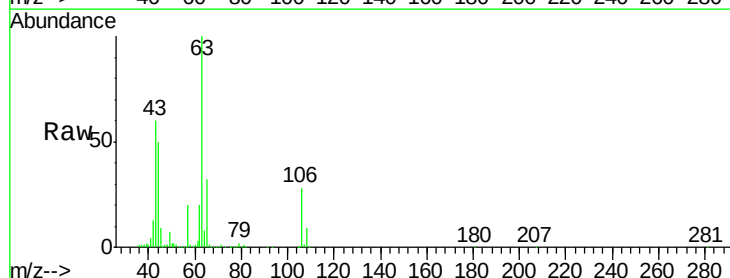
Acq: 12 Jul 2018 22:19

Tgt Ion: 63 Resp: 751376

Ion Ratio Lower Upper

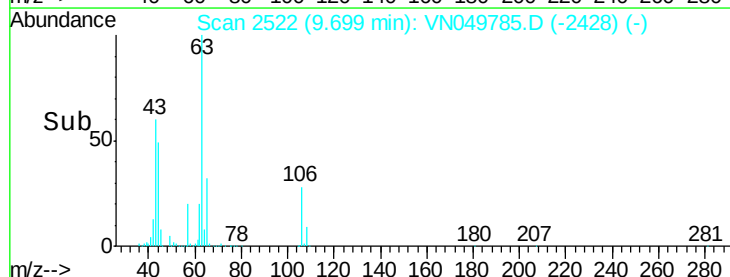
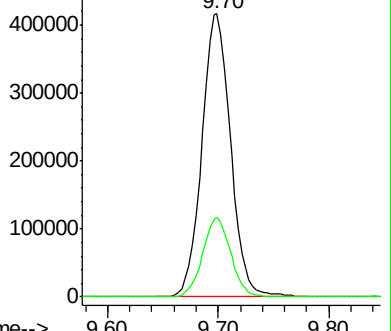
63 100

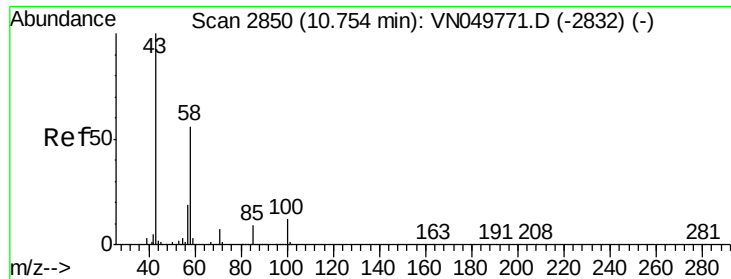
106 27.5 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VN049771.D (-2503) (-)

Ion 105.90 (105.60 to 106.60): VN049771.D (-2503) (-)

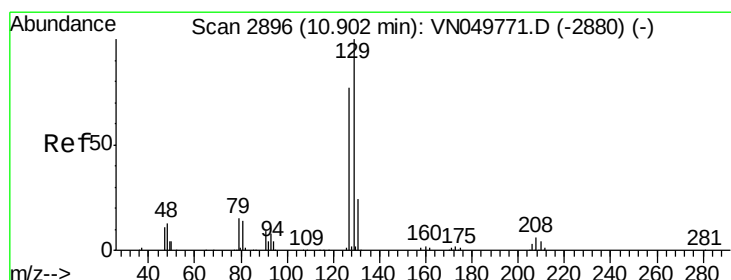
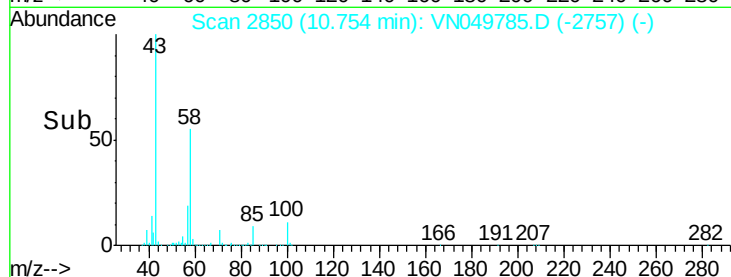
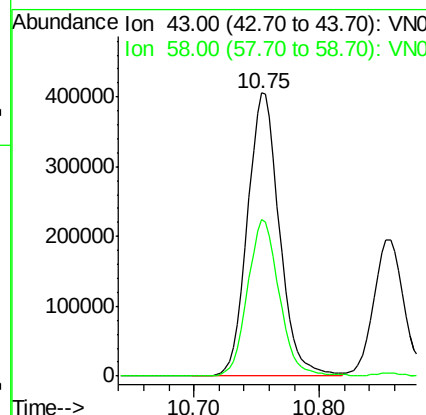
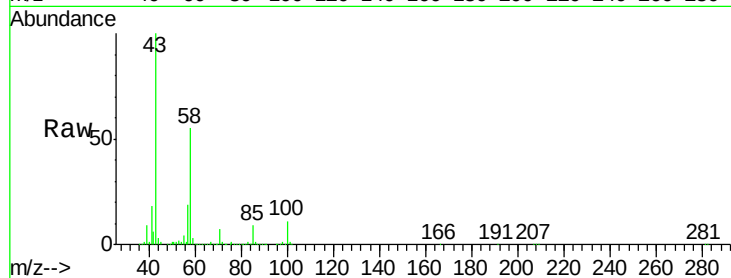




#59
2-Hexanone
Concen: 92.682 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

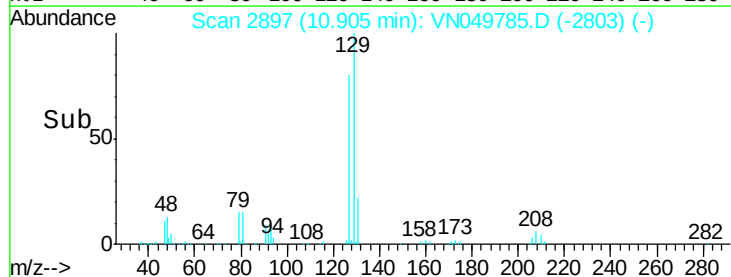
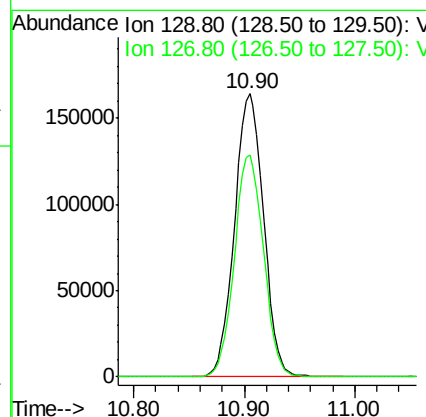
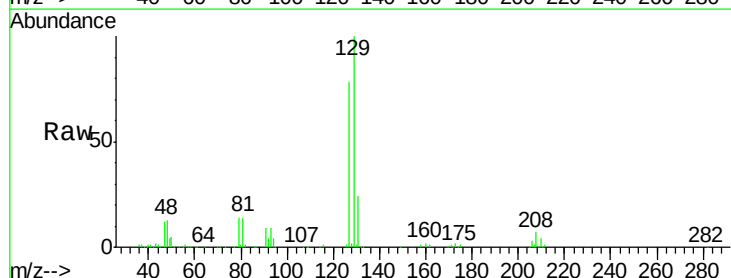
Instrument :
MSVOA_N
ClientSampled :

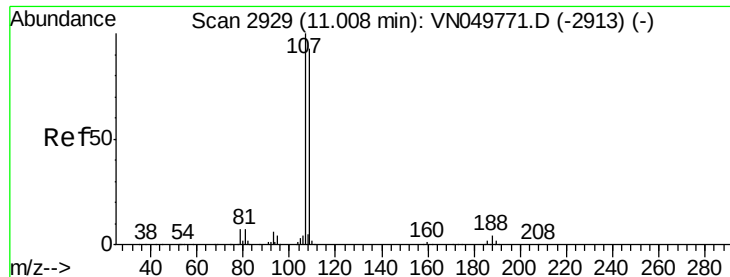
Tot Ion: 43 Resp: 716687
Ion Ratio Lower Upper
43 100
58 55.2 27.8 83.4



#60
Dibromochloromethane
Concen: 18.997 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion: 129 Resp: 300021
Ion Ratio Lower Upper
129 100
127 78.7 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.528 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

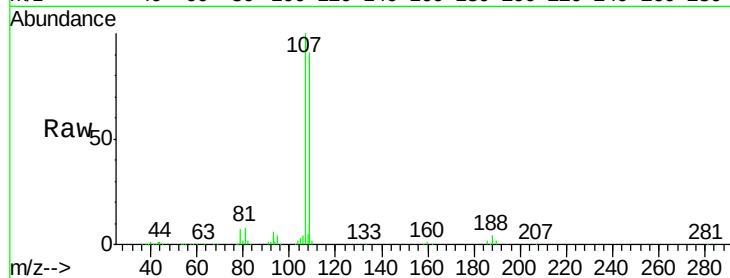
ClientSampleId :

Tot Ion:107 Resp: 256194

Ion Ratio Lower Upper

107 100

109 91.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

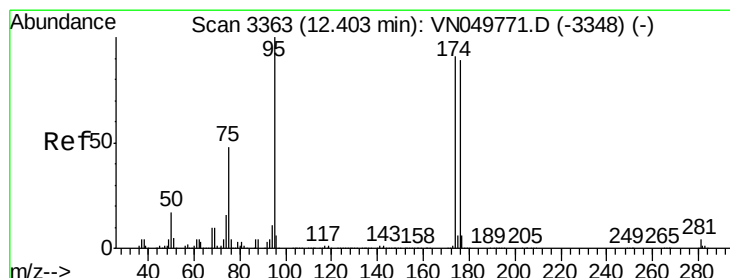
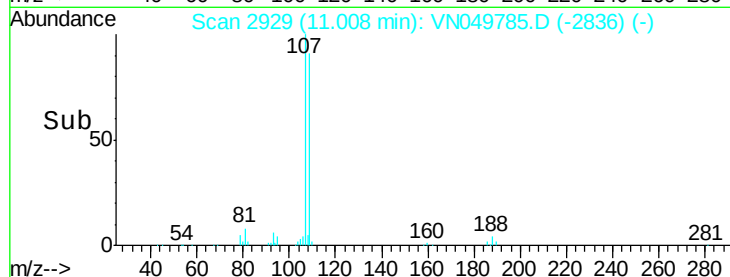
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.067 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

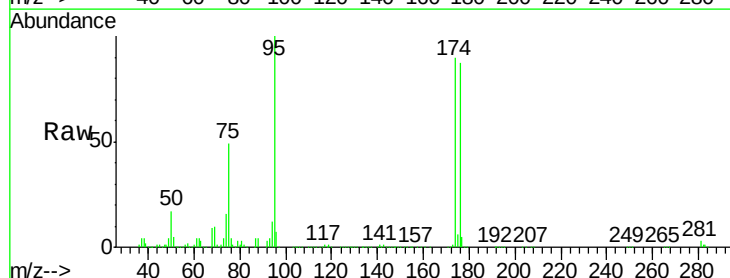
Tgt Ion: 95 Resp: 741792

Ion Ratio Lower Upper

95 100

174 90.1 0.0 179.6

176 87.4 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

600000

500000

400000

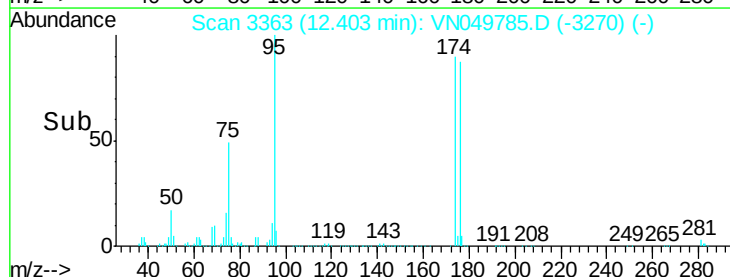
300000

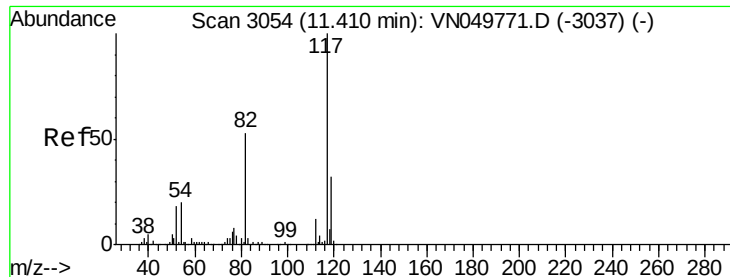
200000

100000

0

Time-->

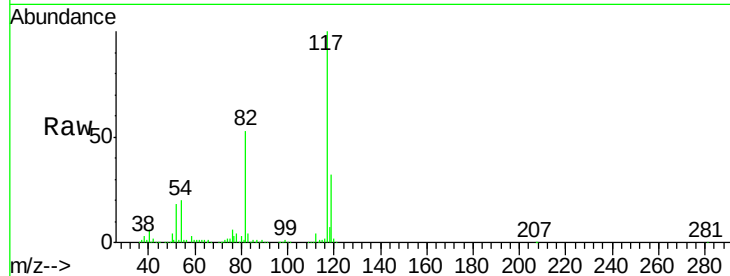




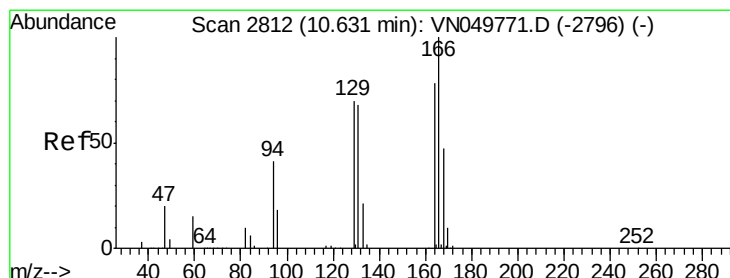
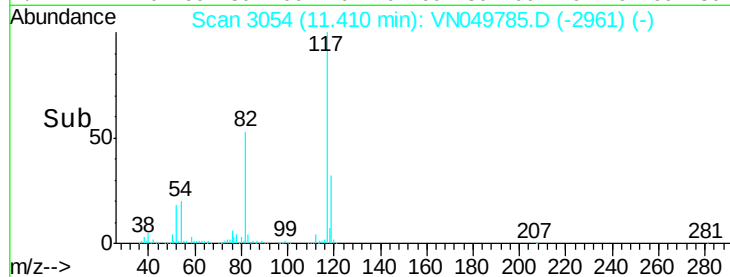
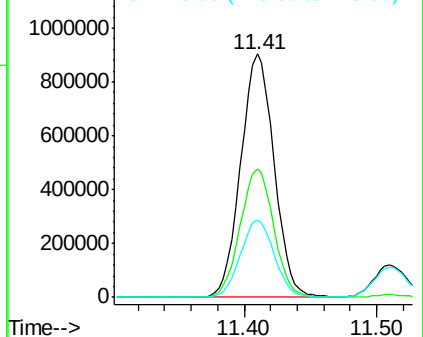
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1583074
Ion Ratio Lower Upper
117 100
82 53.0 41.9 62.9
119 31.7 25.4 38.2

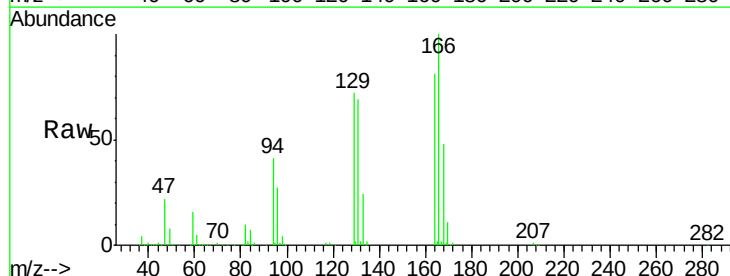


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

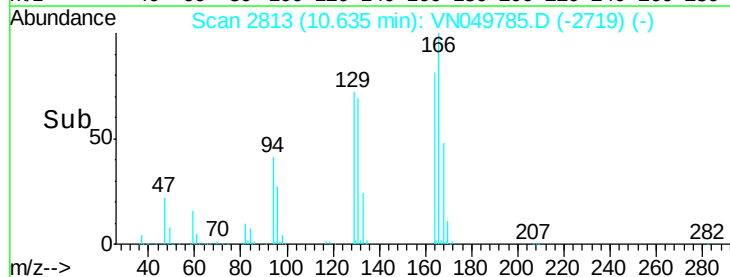
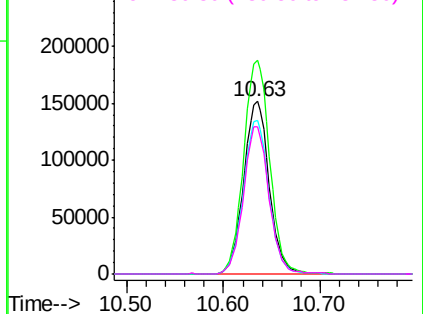


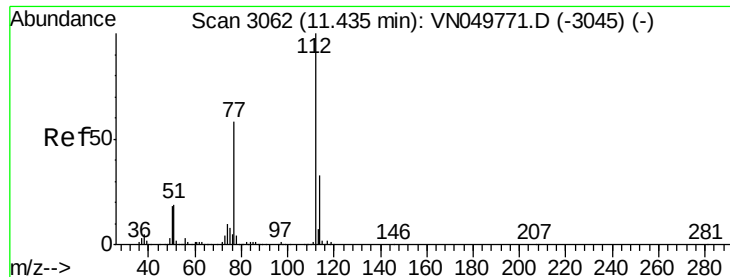
#64
Tetrachloroethene
Concen: 19.318 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion:164 Resp: 277680
Ion Ratio Lower Upper
164 100
166 123.7 101.8 152.6
129 89.1 72.8 109.2
131 85.0 70.0 105.0



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

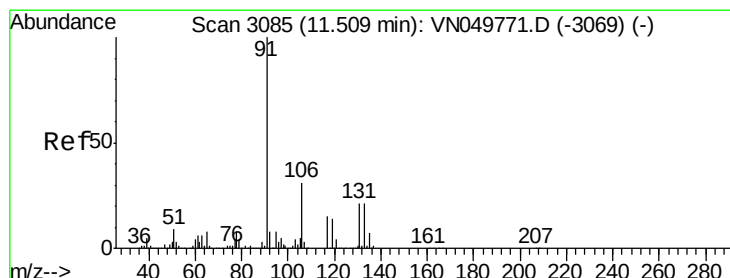
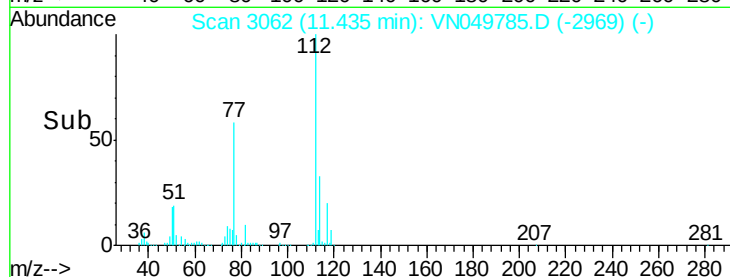
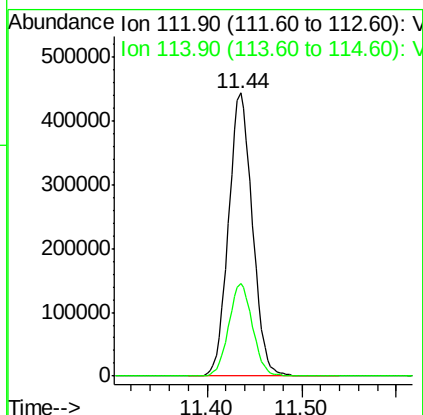
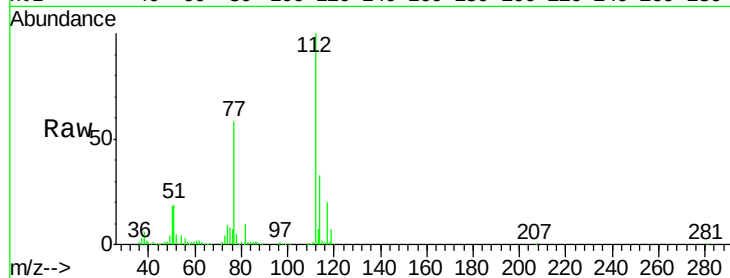




#65
Chlorobenzene
Concen: 18.853 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

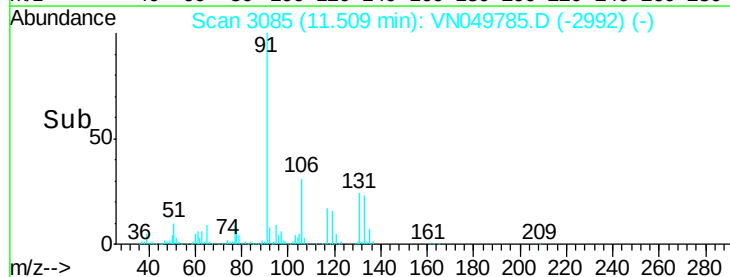
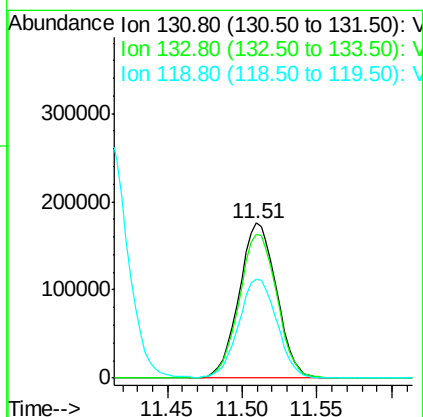
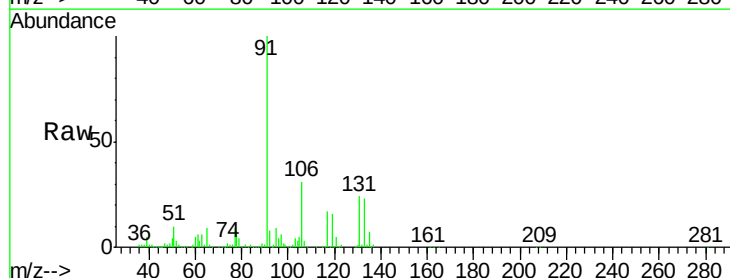
Instrument :
MSVOA_N
ClientSampled :

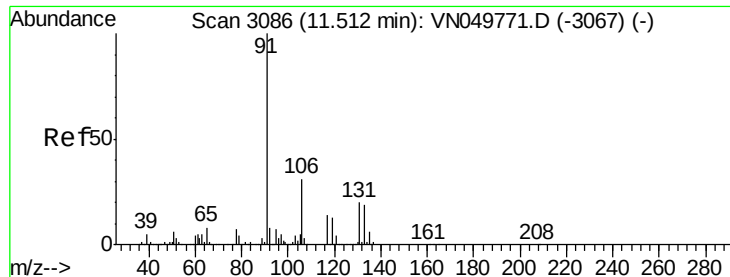
Tot Ion:112 Resp: 777500
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.738 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion:131 Resp: 306268
Ion Ratio Lower Upper
131 100
133 93.7 47.5 142.6
119 65.0 33.1 99.3

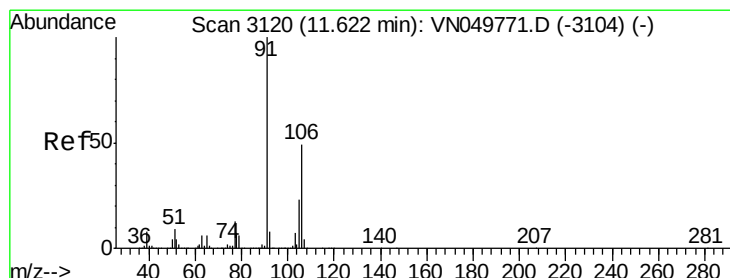
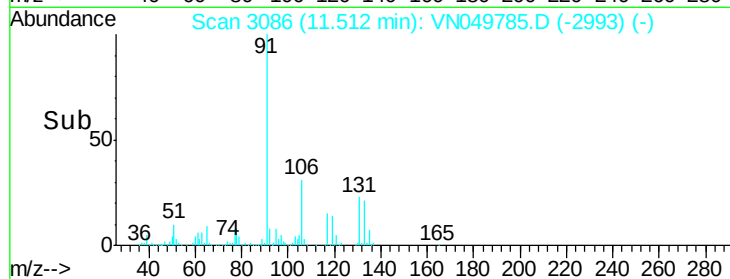
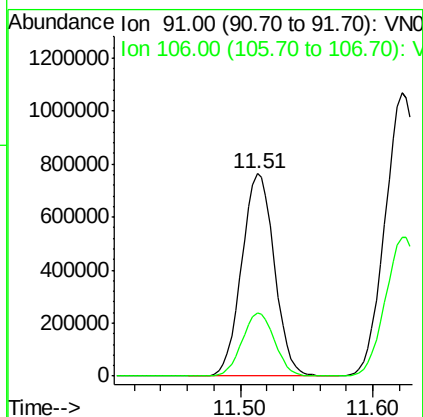
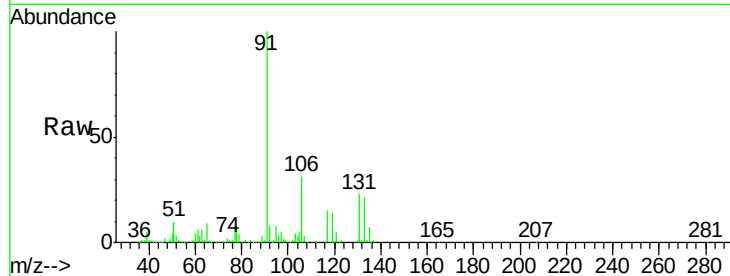




#67
Ethyl Benzene
Concen: 19.358 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

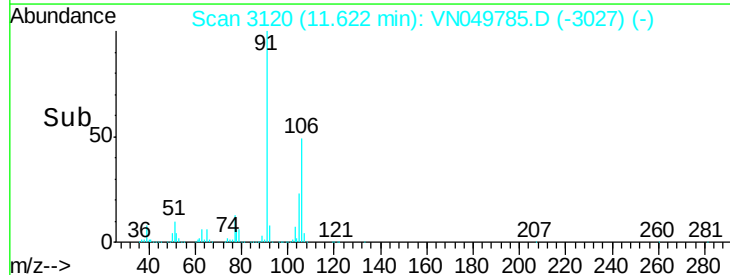
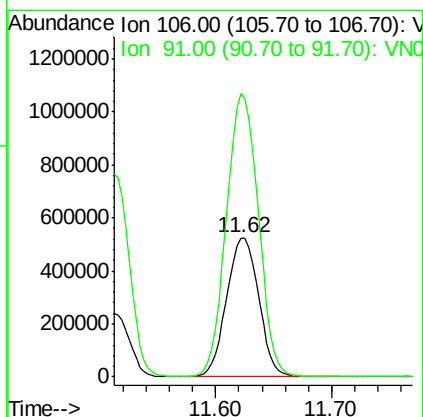
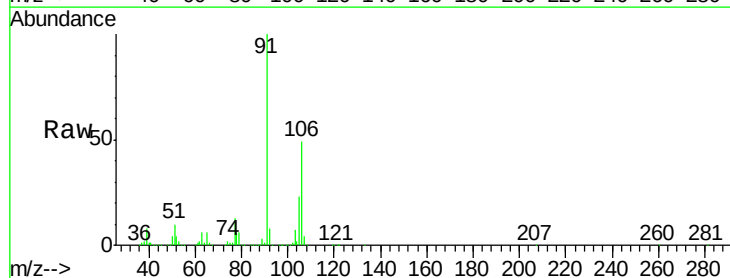
Instrument :
MSVOA_N
ClientSampleId :

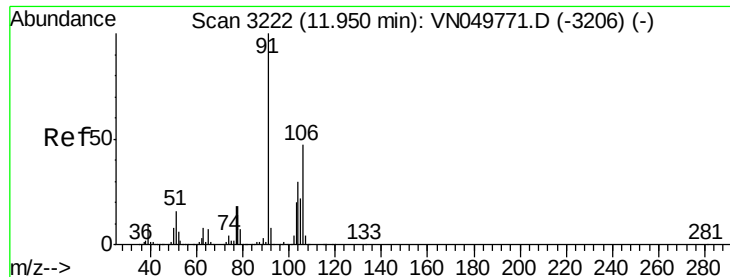
Tot Ion: 91 Resp: 1307290
Ion Ratio Lower Upper
91 100
106 31.3 24.8 37.2



#68
m/p-Xylenes
Concen: 39.618 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion: 106 Resp: 1004221
Ion Ratio Lower Upper
106 100
91 203.2 163.4 245.2

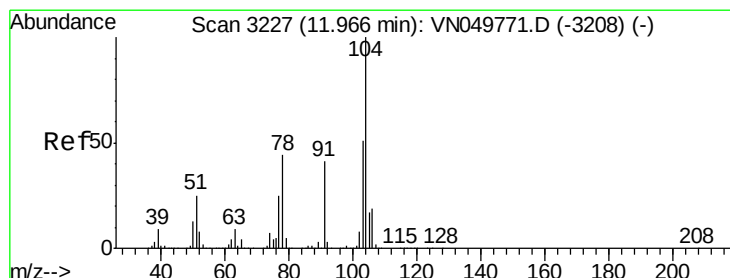
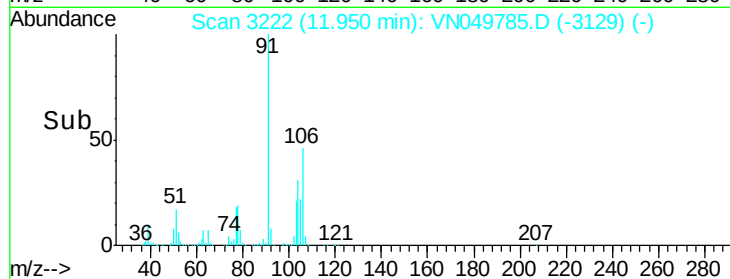
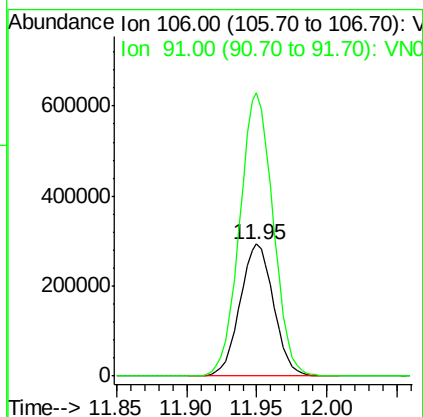
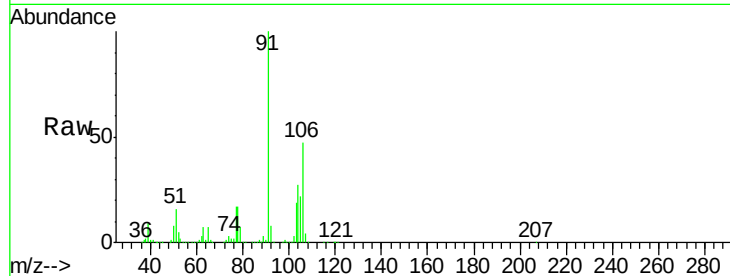




#69
o-Xylene
Concen: 20.015 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

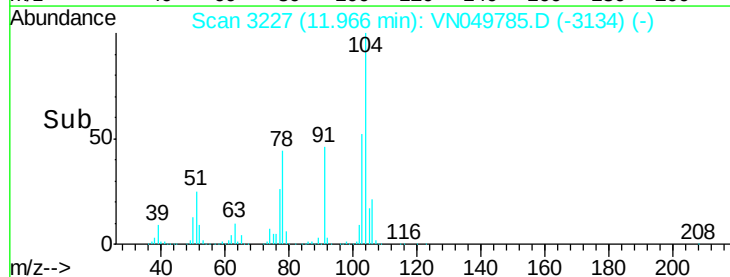
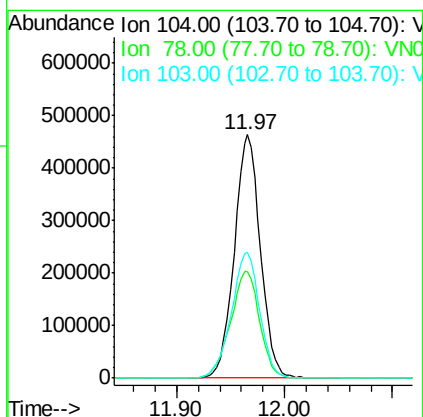
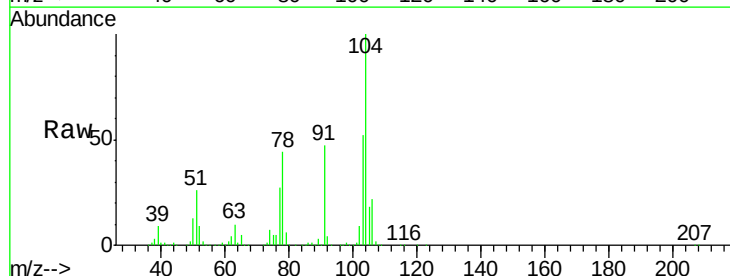
Instrument :
MSVOA_N
ClientSampled :

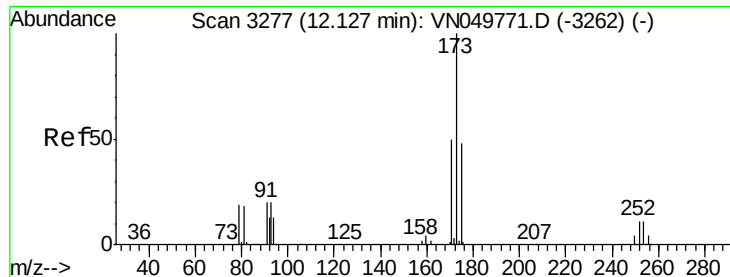
Tot Ion:106 Resp: 490114
Ion Ratio Lower Upper
106 100
91 213.2 108.7 326.1



#70
Styrene
Concen: 20.028 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion:104 Resp: 779008
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 55.9 44.6 67.0





#71

Bromoform

Concen: 19.521 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

ClientSampleId :

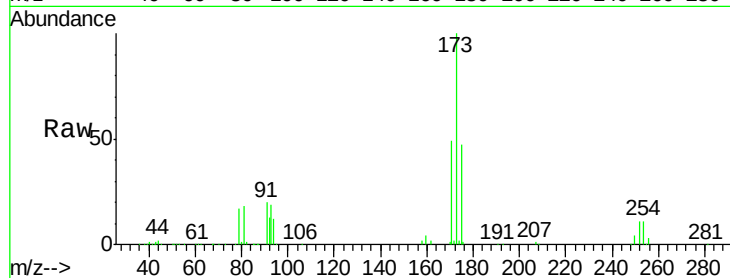
Tot Ion:173 Resp: 204660

Ion Ratio Lower Upper

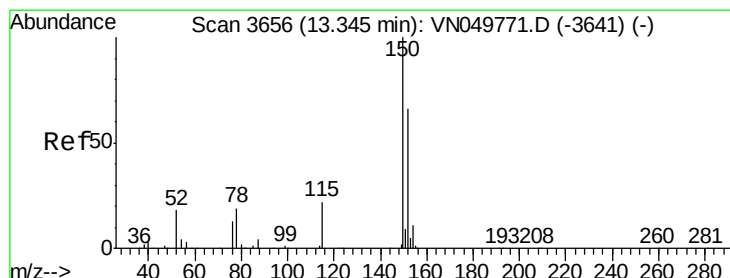
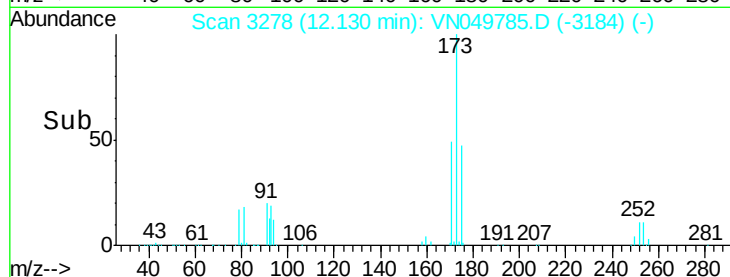
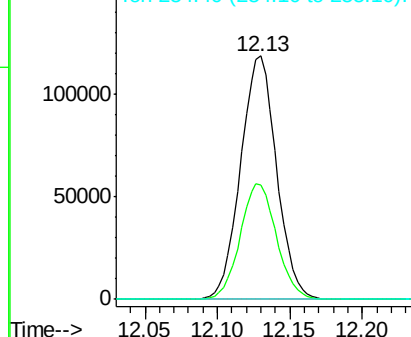
173 100

175 47.7 24.6 73.8

254 0.2 0.2 0.2



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: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

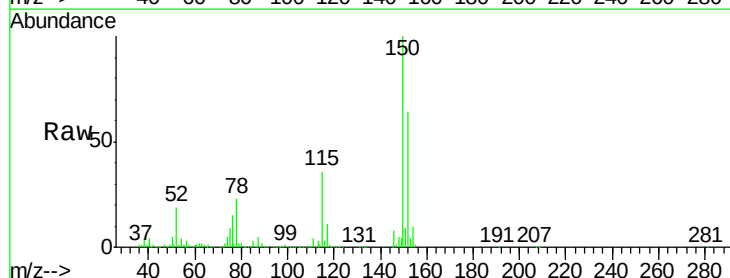
Tgt Ion:152 Resp: 795164

Ion Ratio Lower Upper

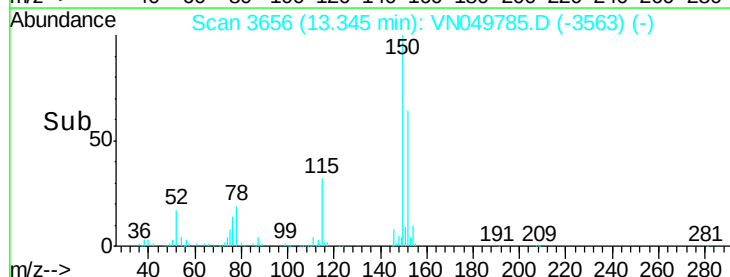
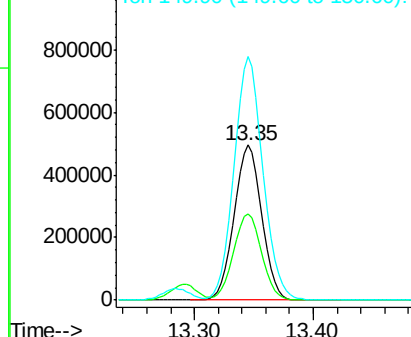
152 100

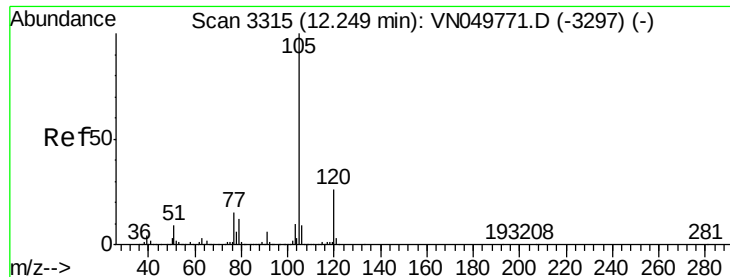
115 56.4 28.1 84.2

150 163.9 0.0 347.6



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

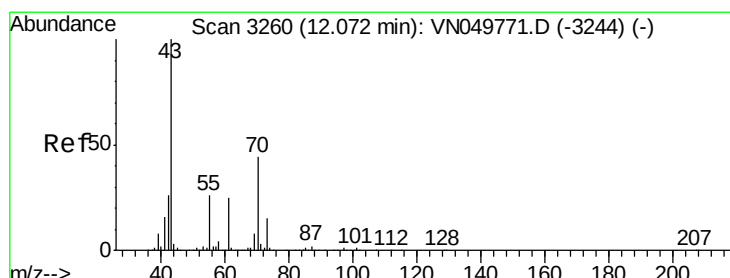
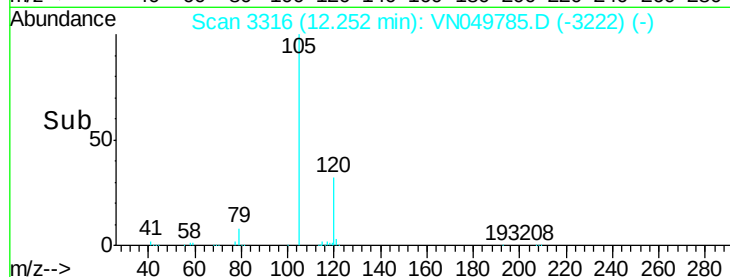
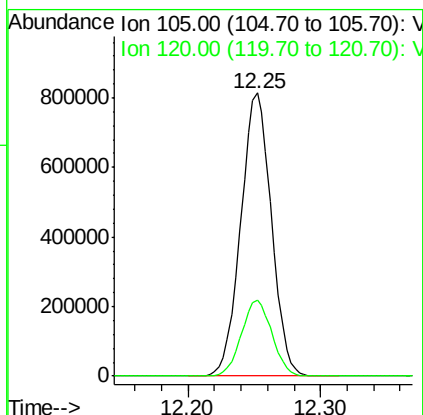
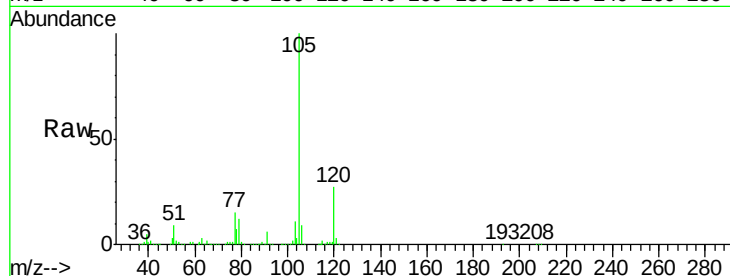




#73
Isopropylbenzene
Concen: 19.668 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

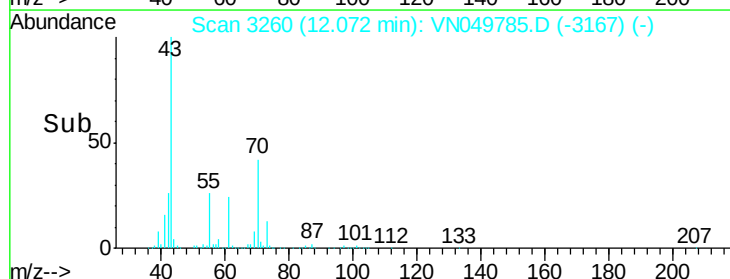
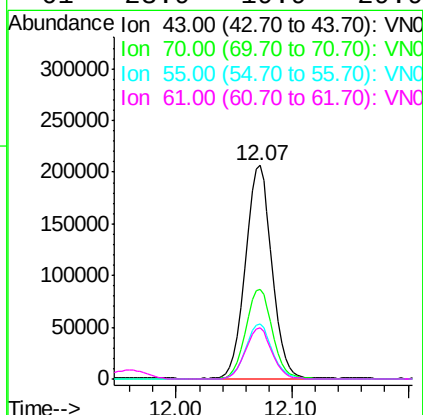
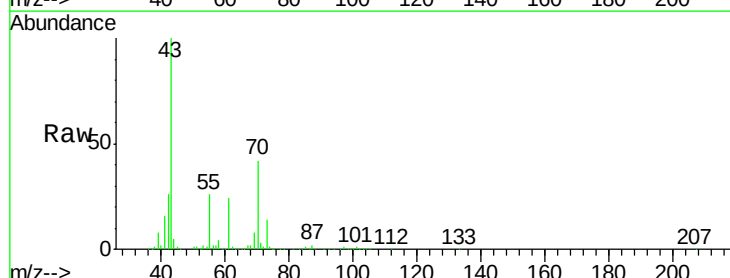
Instrument :
MSVOA_N
ClientSampleId :

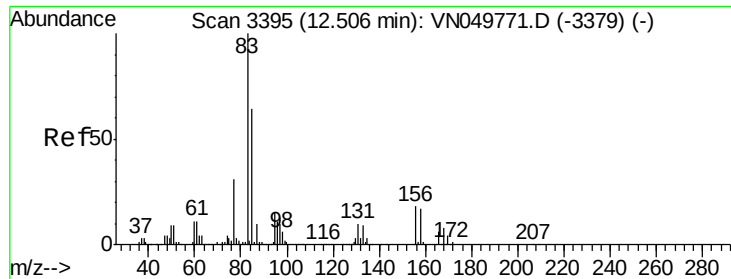
Tot Ion:105 Resp: 1299754
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.8



#74
N-ethyl acetate
Concen: 19.105 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion: 43 Resp: 328448
Ion Ratio Lower Upper
43 100
70 42.8 34.8 52.2
55 25.9 20.9 31.3
61 23.9 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.448 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

ClientSampled :

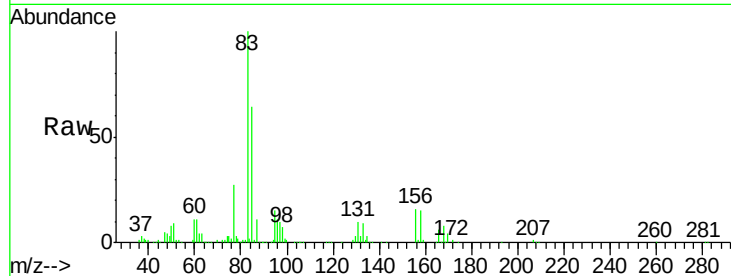
Tot Ion: 83 Resp: 329085

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

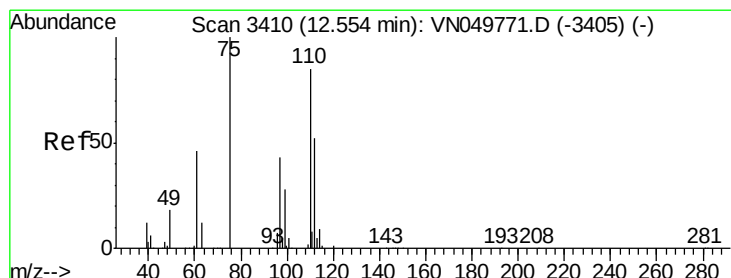
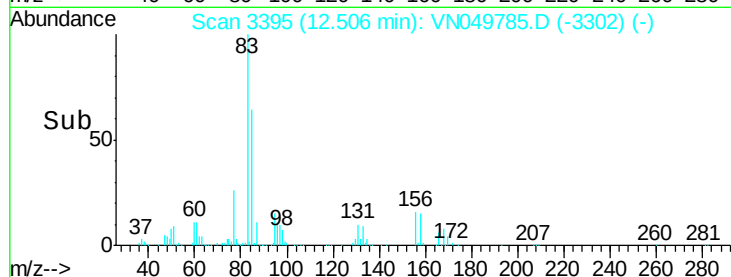
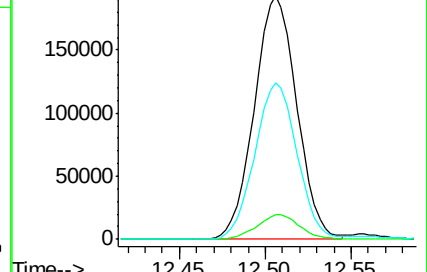
85 64.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN049771.D (-3379) (-)

Ion 130.80 (130.50 to 131.50): VN049771.D (-3379) (-)

Ion 84.90 (84.60 to 85.60): VN049771.D (-3379) (-)



#76

1,2,3-Trichloropropane

Concen: 26.929 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN049785.D

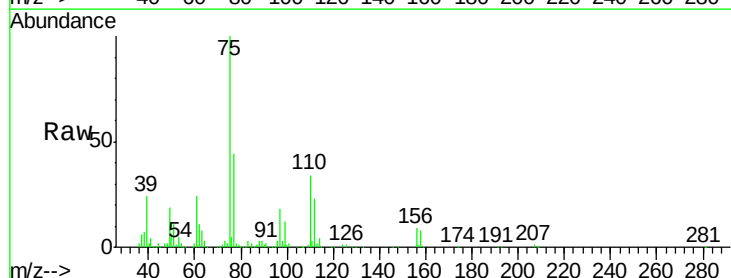
Acq: 12 Jul 2018 22:19

Tgt Ion: 75 Resp: 380398

Ion Ratio Lower Upper

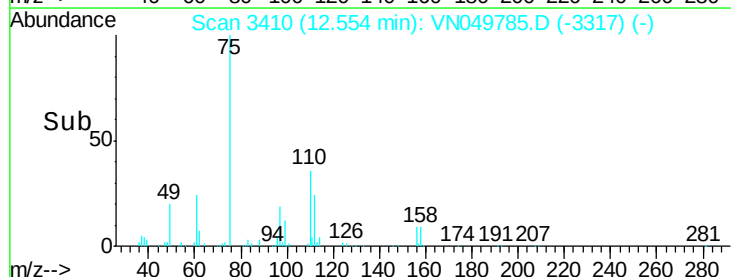
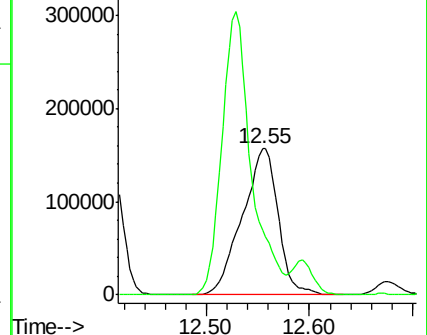
75 100

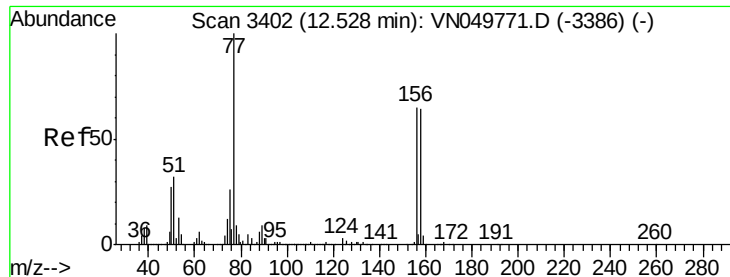
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049771.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN049771.D (-3405) (-)





#77

Bromobenzene

Concen: 19.033 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

ClientSampled :

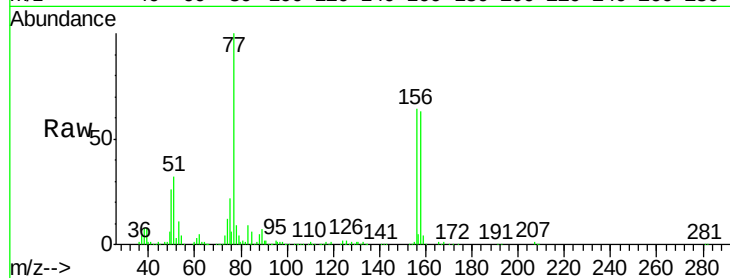
Tot Ion:156 Resp: 333661

Ion Ratio Lower Upper

156 100

77 179.8 90.2 270.6

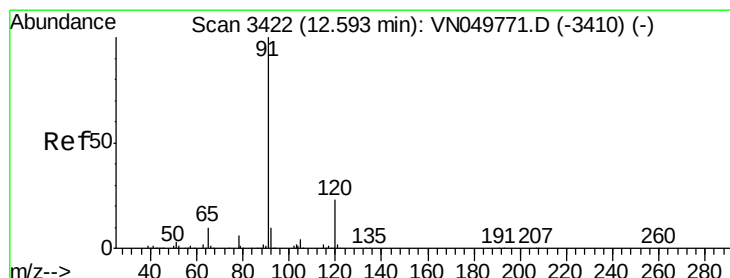
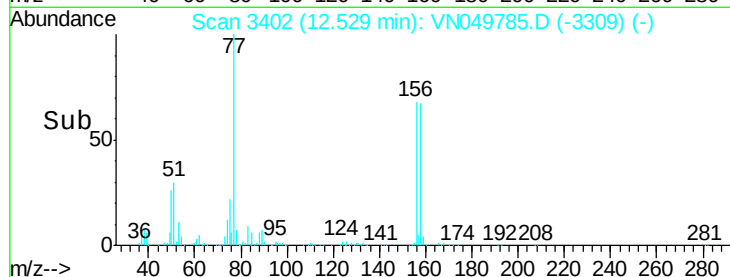
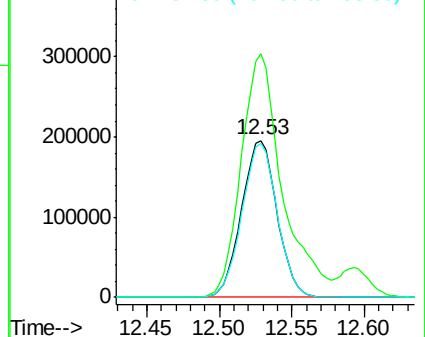
158 97.4 49.1 147.3



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: 19.675 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049785.D

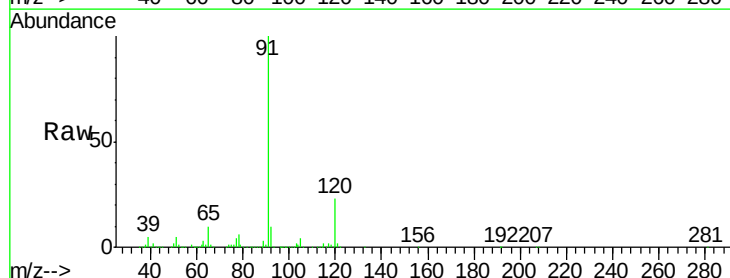
Acq: 12 Jul 2018 22:19

Tgt Ion: 91 Resp: 1465896

Ion Ratio Lower Upper

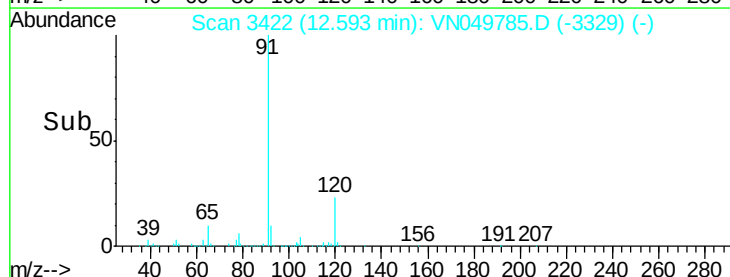
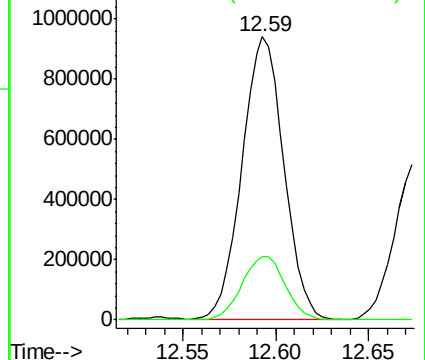
91 100

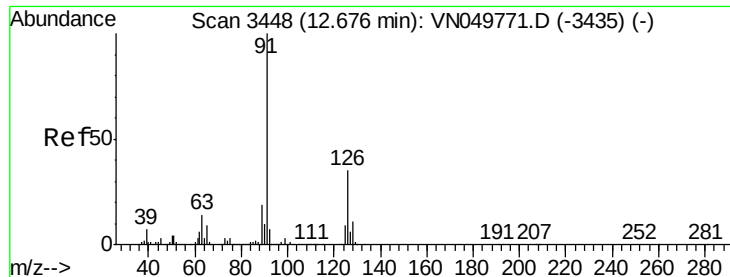
120 23.3 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.538 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

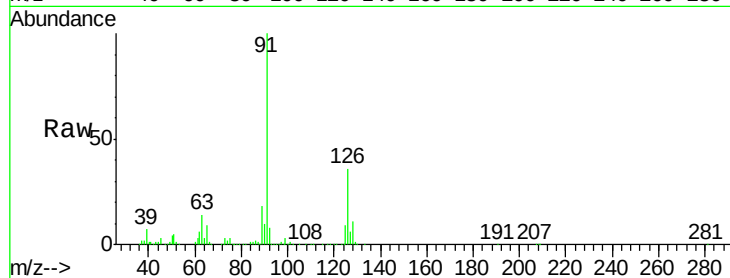
ClientSampled :

Tot Ion: 91 Resp: 890900

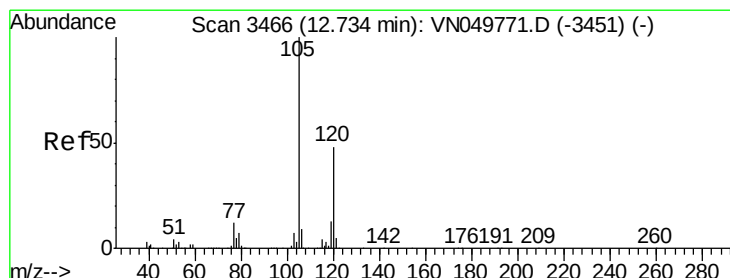
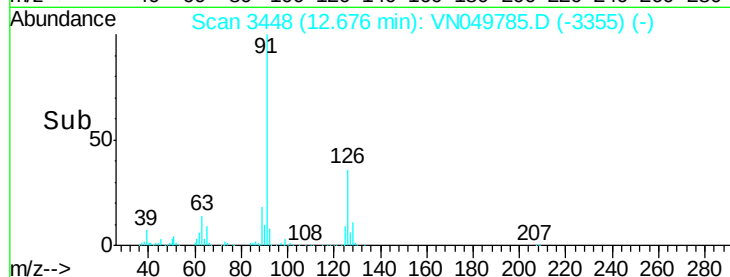
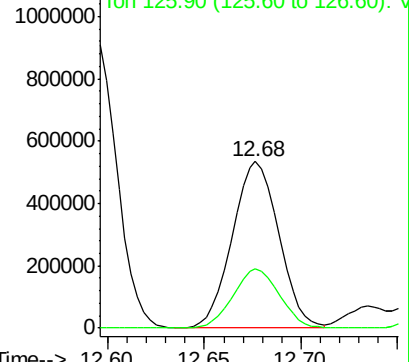
Ion Ratio Lower Upper

91 100

126 35.7 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN049771.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.098 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049785.D

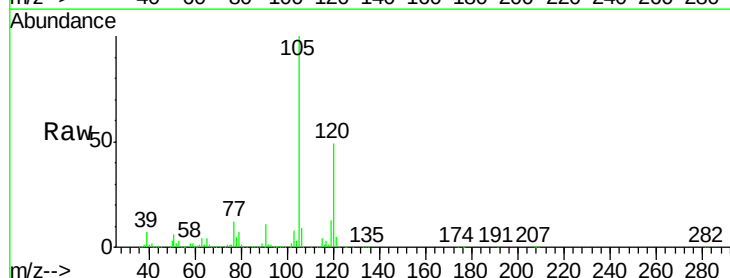
Acq: 12 Jul 2018 22:19

Tgt Ion: 105 Resp: 1055460

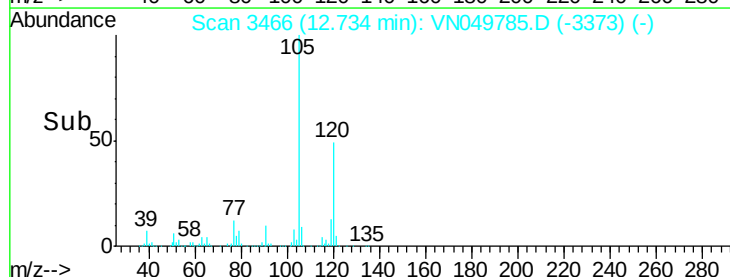
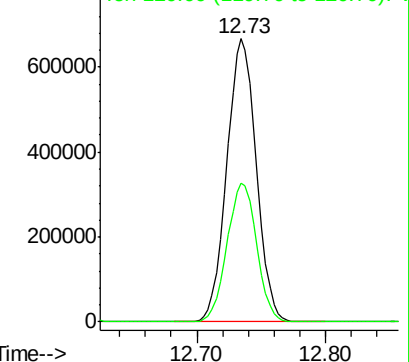
Ion Ratio Lower Upper

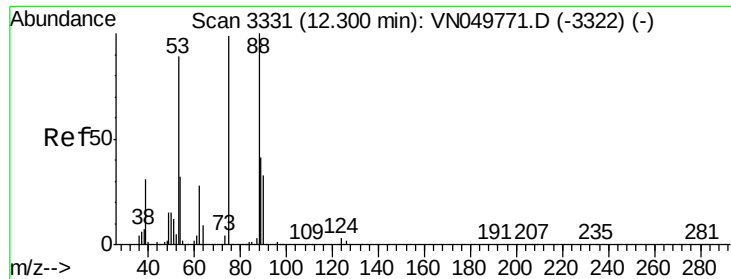
105 100

120 49.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049771.D (-3451) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.173 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

ClientSampled :

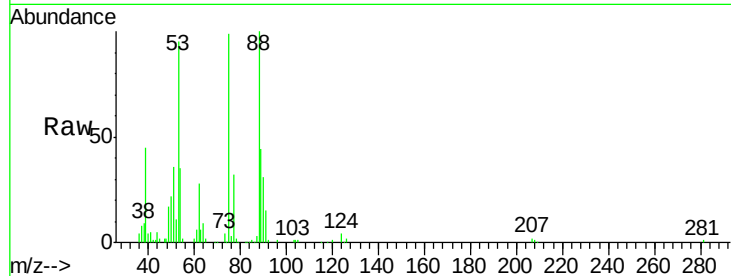
Tot Ion: 75 Resp: 75120

Ion Ratio Lower Upper

75 100

53 98.3 73.9 110.9

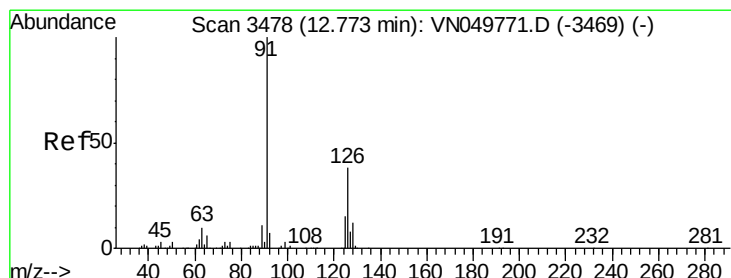
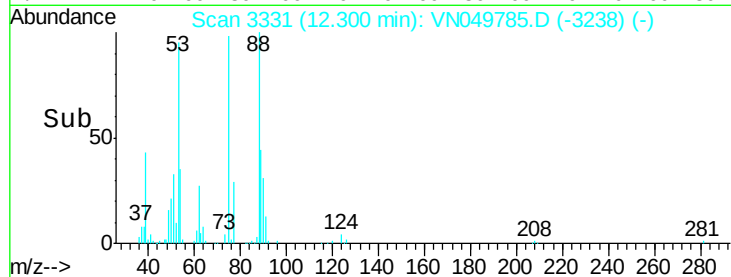
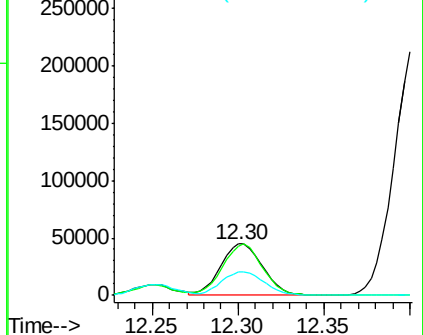
89 47.4 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.584 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049785.D

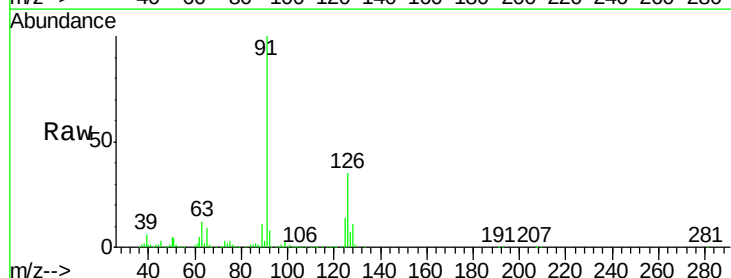
Acq: 12 Jul 2018 22:19

Tgt Ion: 91 Resp: 885730

Ion Ratio Lower Upper

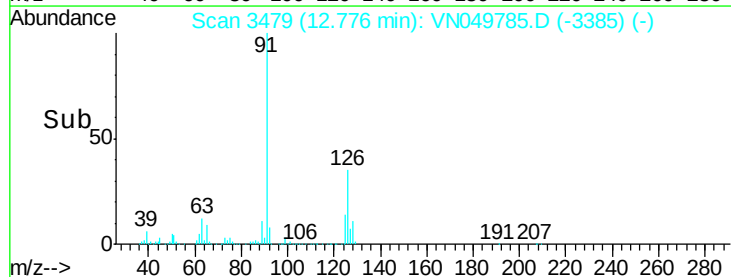
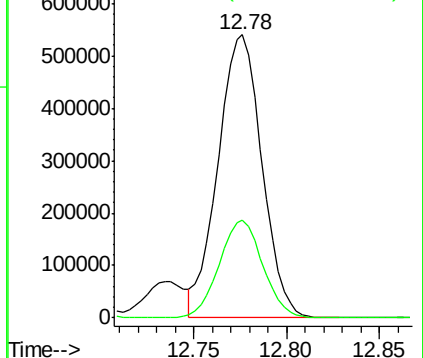
91 100

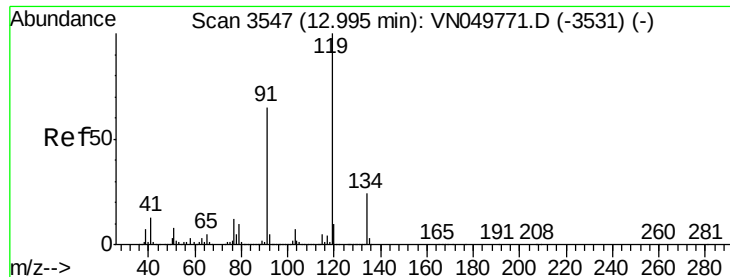
126 34.3 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

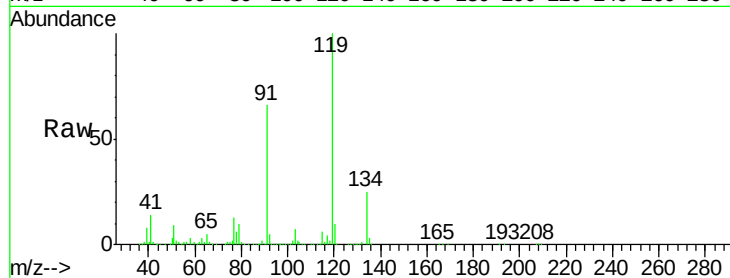




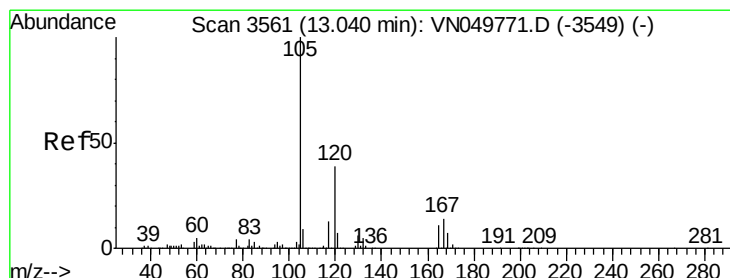
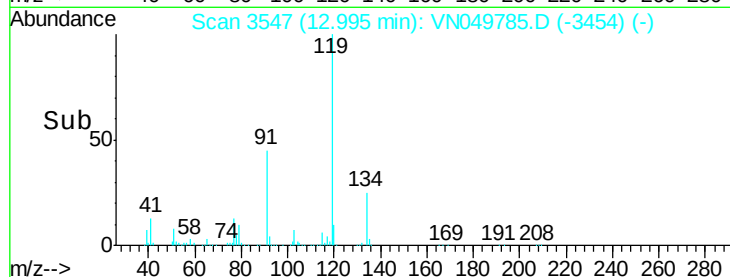
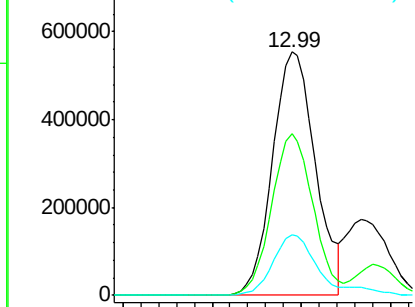
#83
 tert-Butylbenzene
 Concen: 19.729 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 927020
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.0 96.2
 134 24.2 12.8 38.4

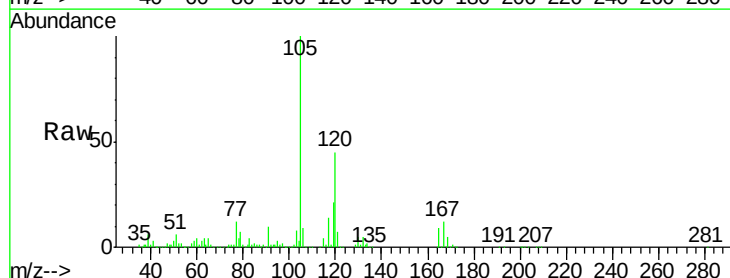


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

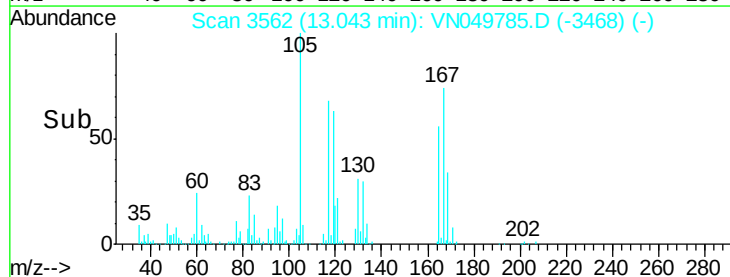
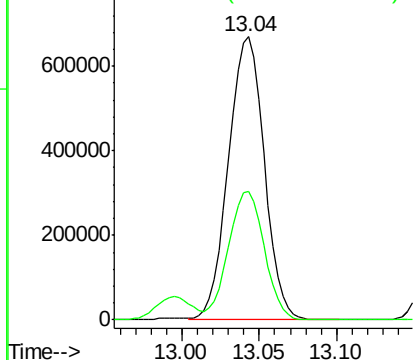


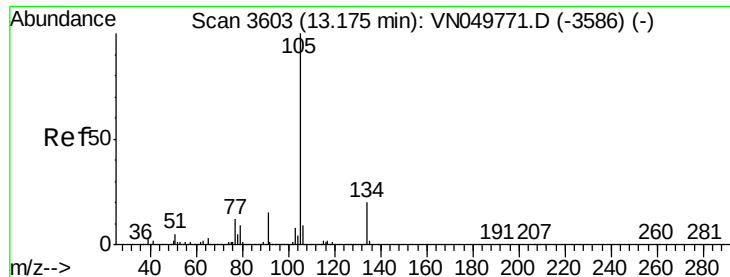
#84
 1,2,4-Trimethylbenzene
 Concen: 20.380 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

Tgt Ion:105 Resp: 1073331
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1



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





#85

sec-Butylbenzene

Concen: 19.983 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

Instrument :

MSVOA_N

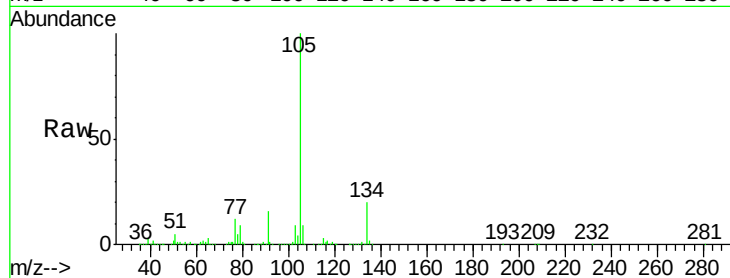
ClientSampleId :

Tot Ion:105 Resp: 1230546

Ion Ratio Lower Upper

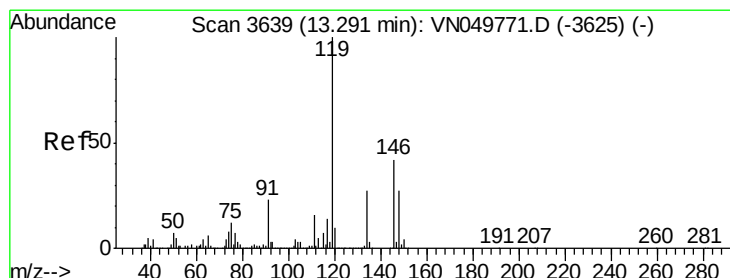
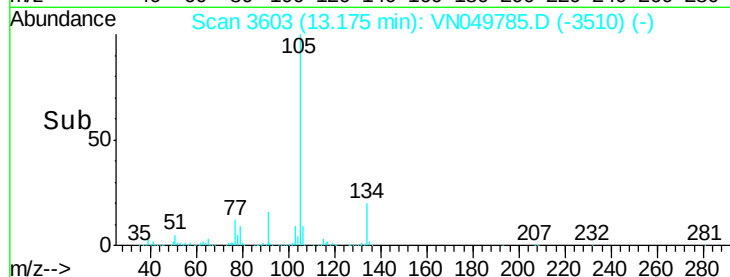
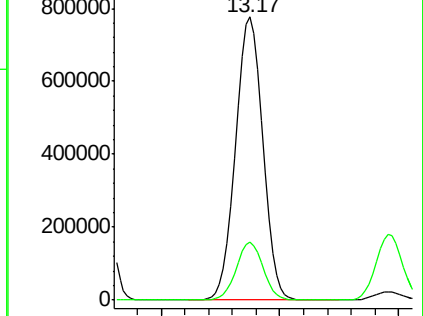
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.049 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049785.D

Acq: 12 Jul 2018 22:19

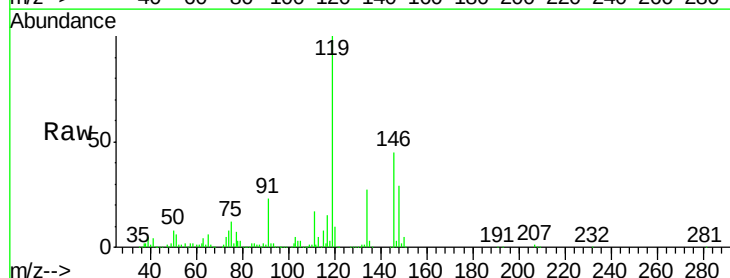
Tgt Ion:119 Resp: 1044761

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

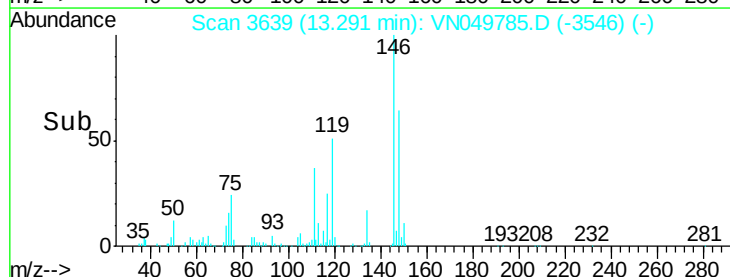
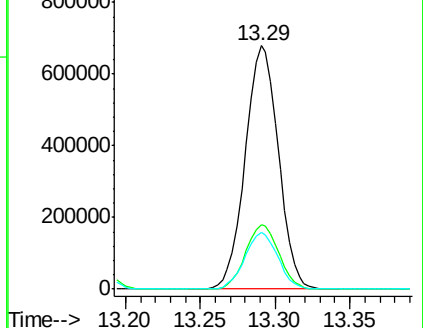
91 23.1 11.4 34.1

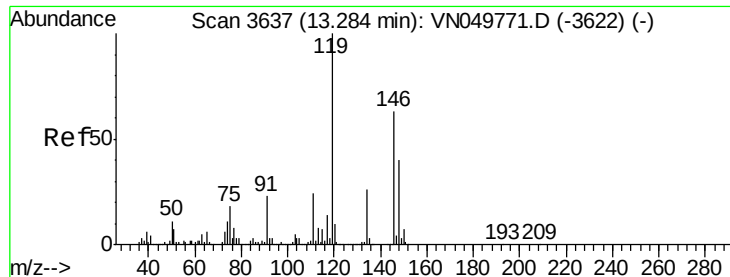


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

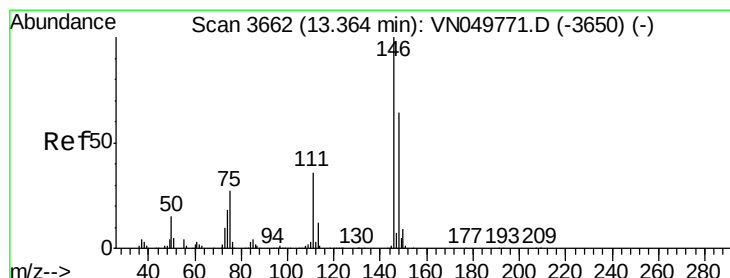
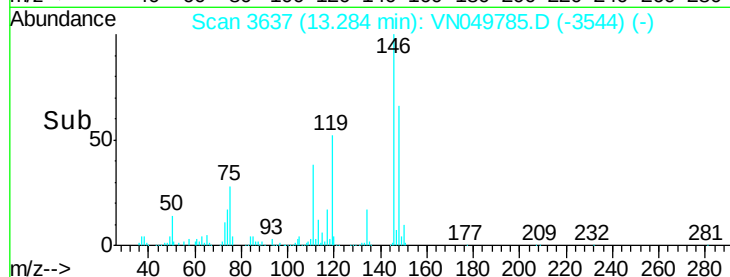
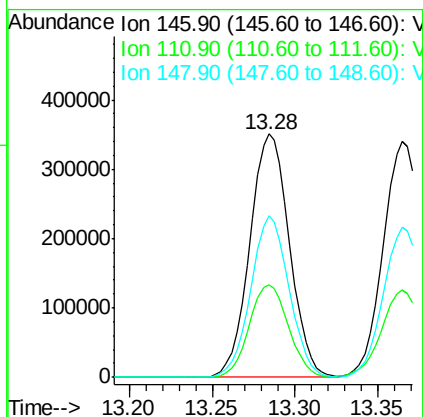
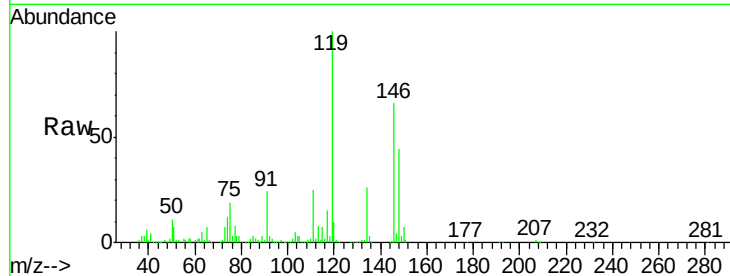




#87
 1,3-Dichlorobenzene
 Concen: 19.209 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

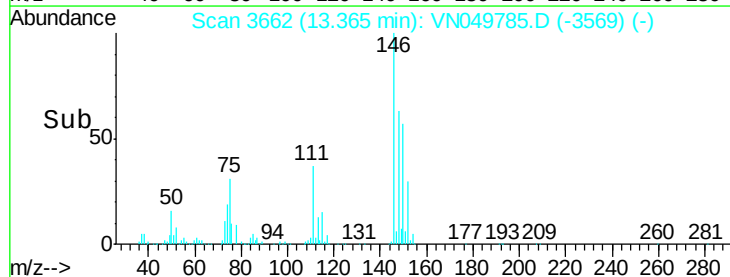
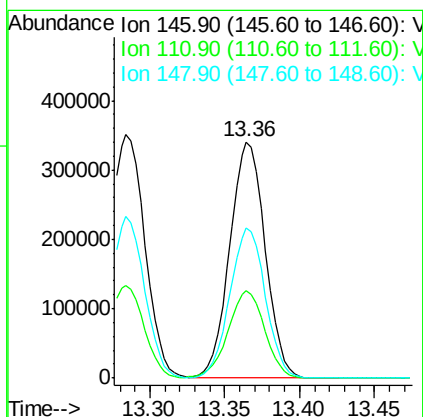
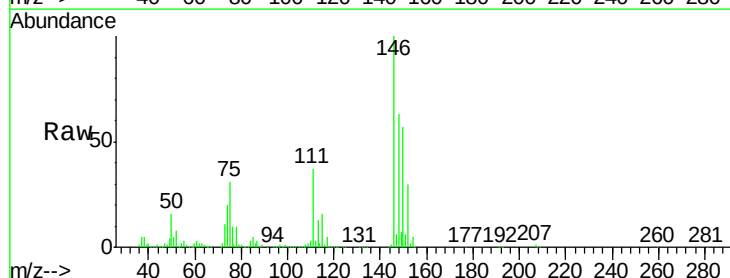
Instrument :
 MSVOA_N
 ClientSampled :

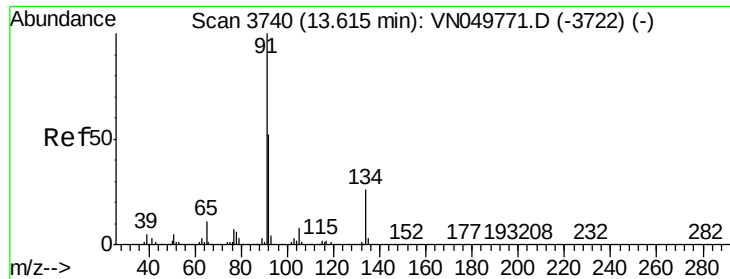
Tot Ion:146 Resp: 583864
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.0 57.0
 148 64.4 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 18.980 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

Tgt Ion:146 Resp: 560838
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.5
 148 63.9 32.1 96.3

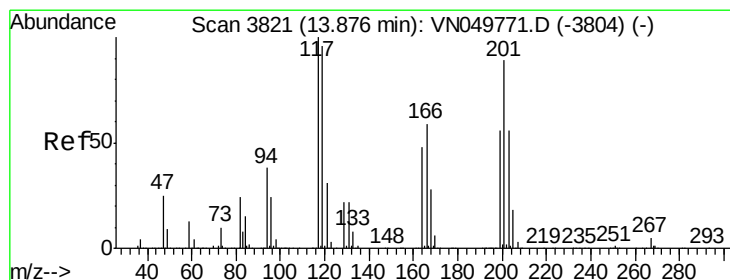
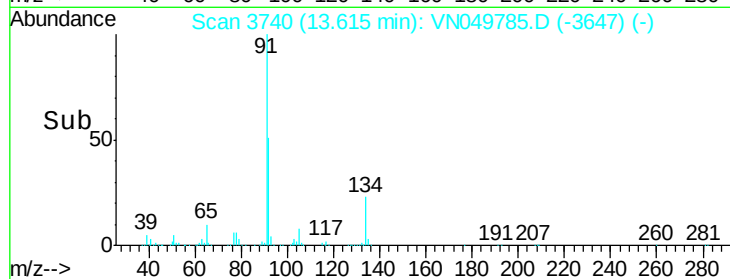
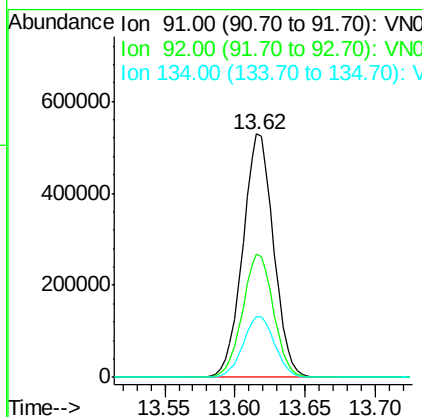
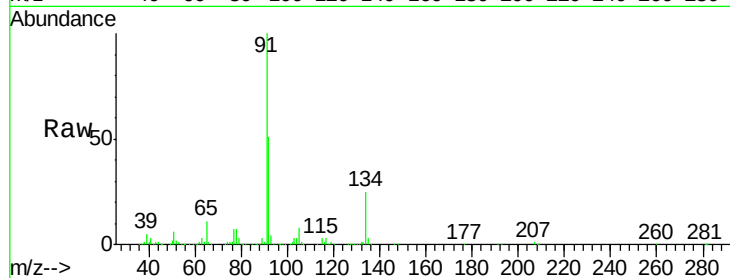




#89
n-Butylbenzene
Concen: 18.819 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

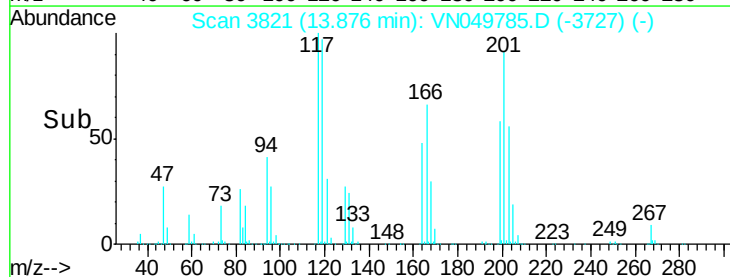
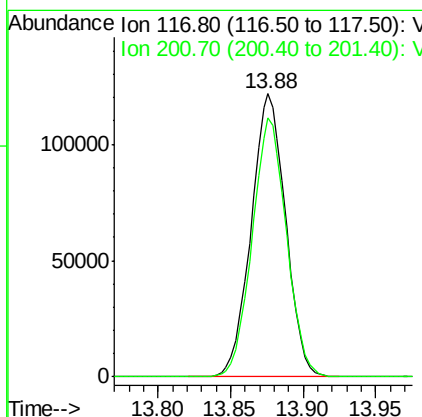
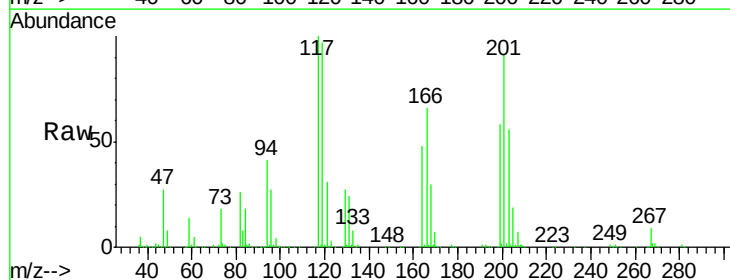
Instrument :
MSVOA_N
ClientSampleId :

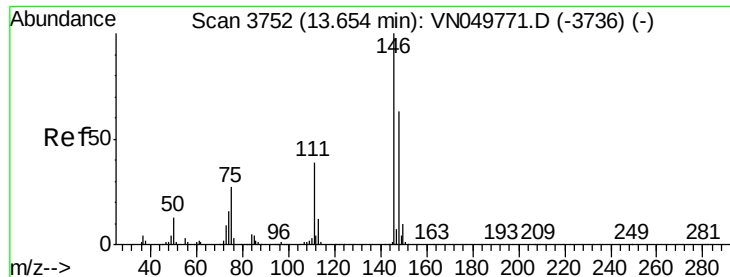
Tot Ion: 91 Resp: 809559
Ion Ratio Lower Upper
91 100
92 50.9 25.8 77.3
134 25.5 13.0 38.9



#90
Hexachloroethane
Concen: 19.461 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion: 117 Resp: 201405
Ion Ratio Lower Upper
117 100
201 90.9 45.3 135.8

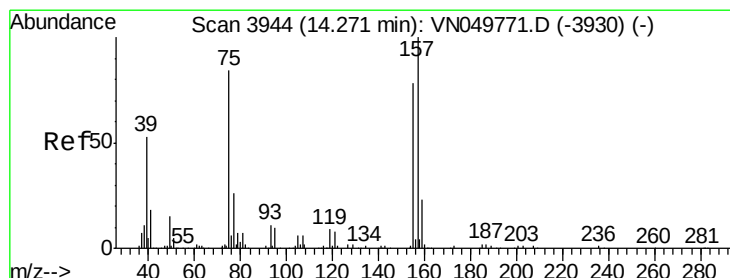
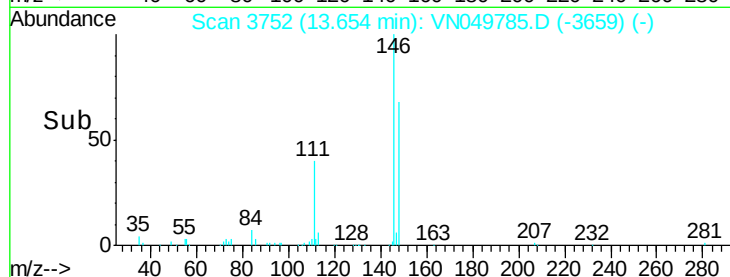
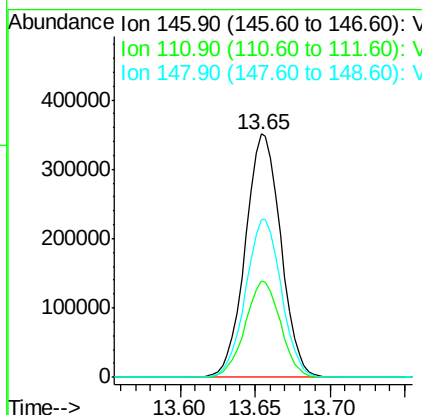
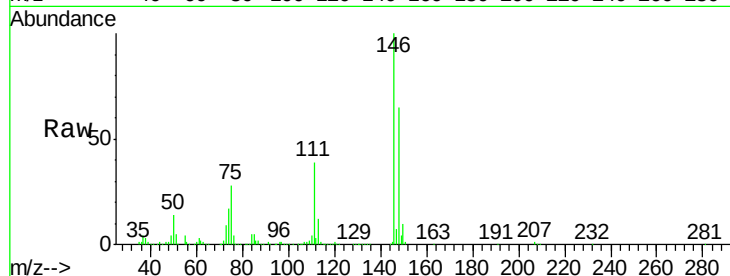




#91
 1,2-Dichlorobenzene
 Concen: 19.536 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

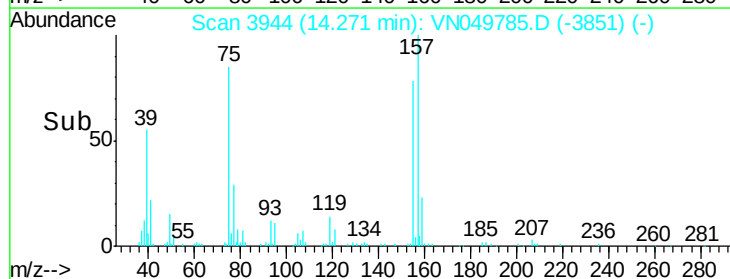
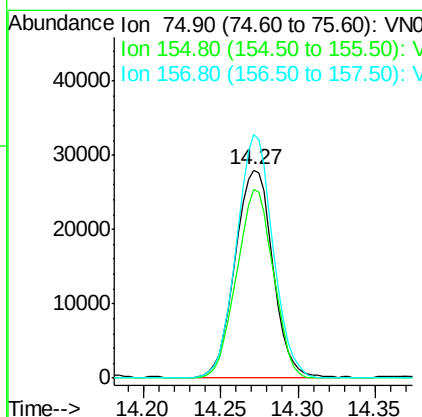
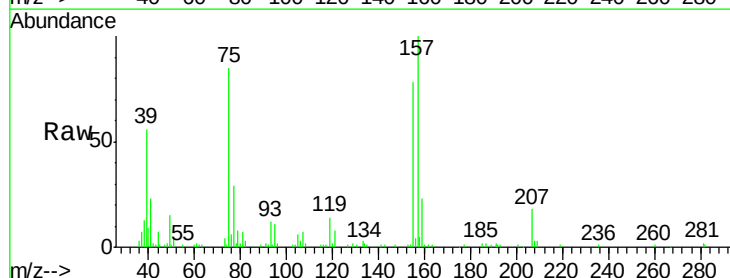
Instrument :
 MSVOA_N
 ClientSampleId :

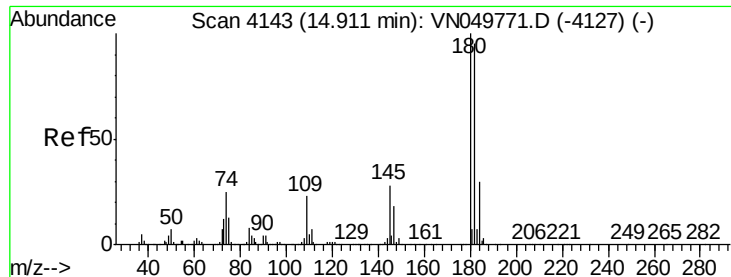
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.1
148	65.1	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.169 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049785.D
 Acq: 12 Jul 2018 22:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.5	45.7	137.1
157	112.6	56.9	170.7

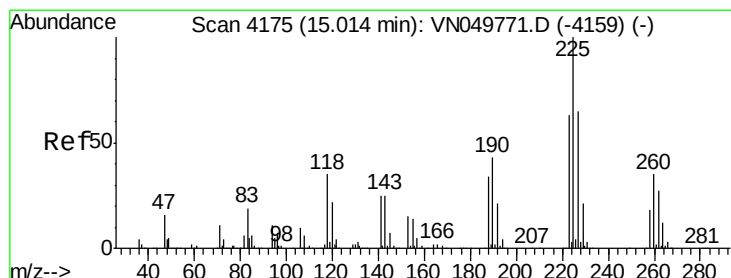
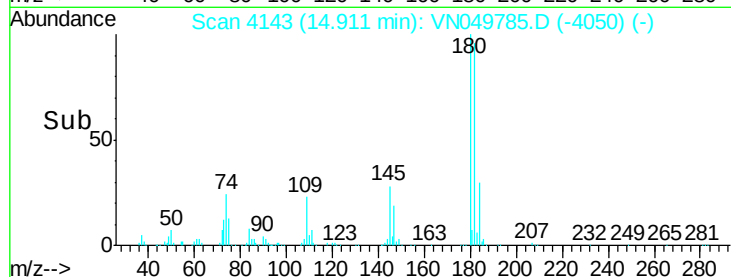
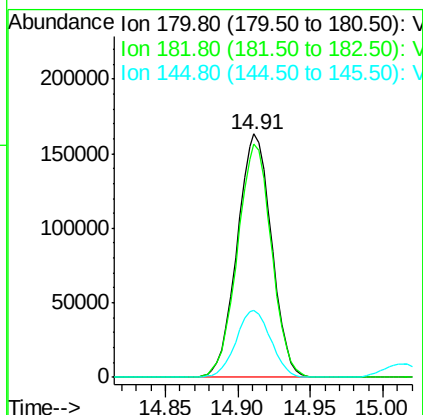
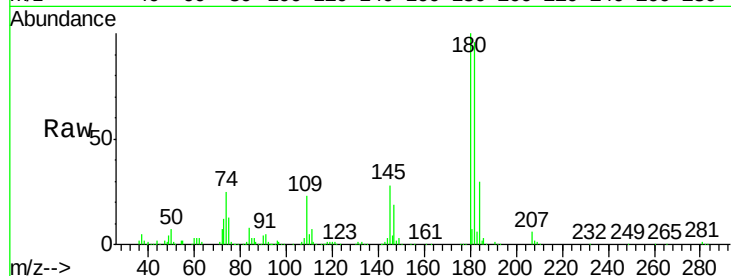




#93
1,2,4-Trichlorobenzene
Concen: 18.405 ug/l
RT: 14.91 min Scan# 4143
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

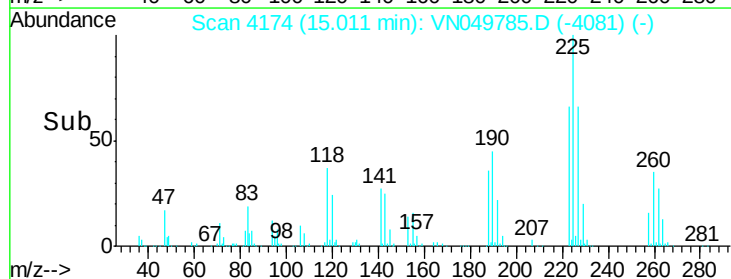
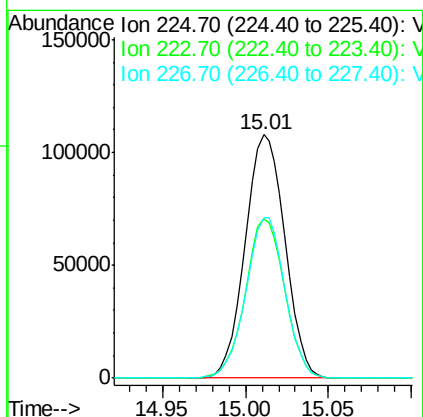
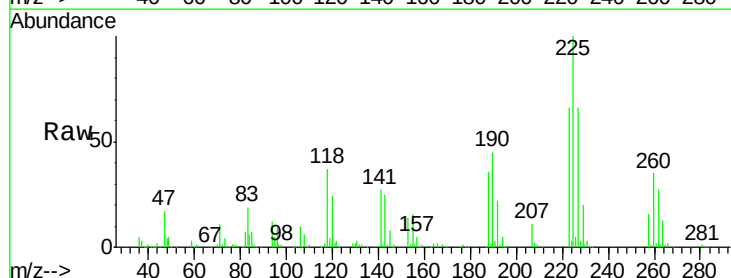
Instrument :
MSVOA_N
ClientSampled :

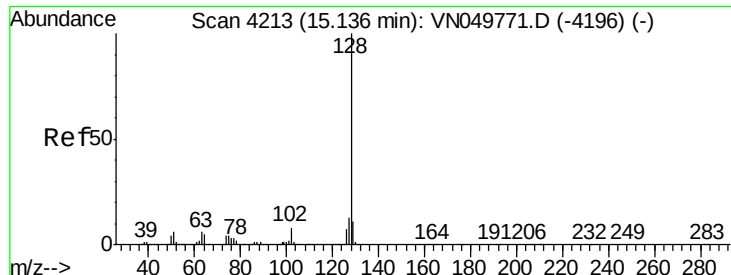
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.9
145	28.0	14.4	43.0



#94
Hexachlorobutadiene
Concen: 19.202 ug/l
RT: 15.01 min Scan# 4174
Delta R.T. -0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	30.9	92.7
227	64.8	31.8	95.4

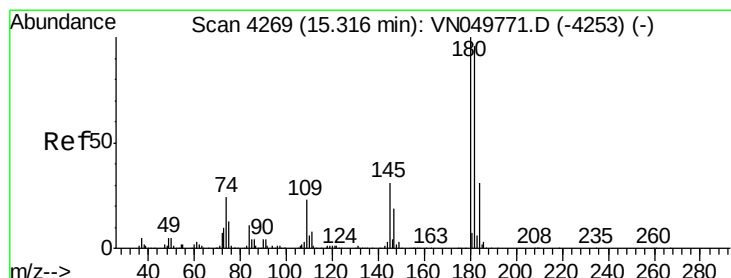
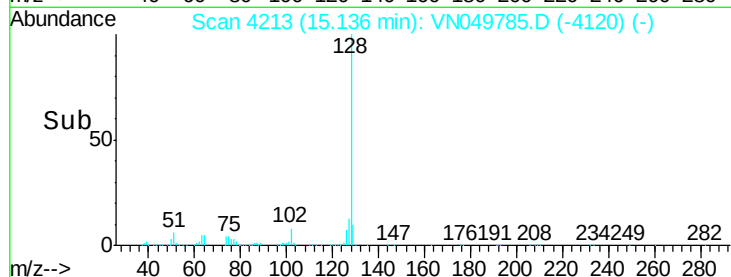
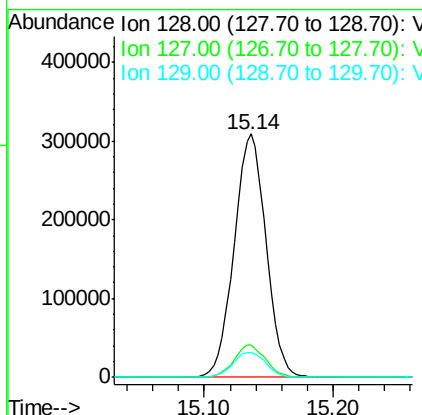
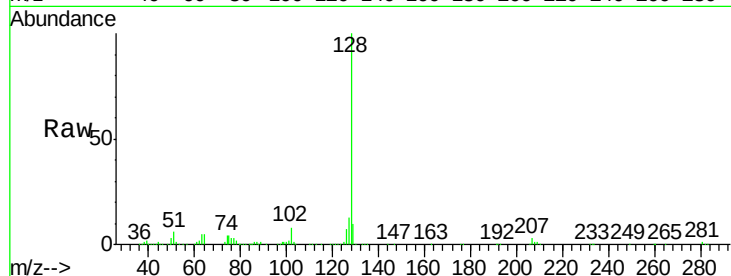




#95
Naphthalene
Concen: 17.887 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 530055
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.204 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN049785.D
Acq: 12 Jul 2018 22:19

Tgt Ion:180 Resp: 276266
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 30.7 15.2 45.6

