

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057559.D
 Acq On : 29 Aug 2019 19:36
 Operator : JC/SP
 Sample : VN0829WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 30 12:08:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 08:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	442314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	697219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	629167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	265994	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	334129	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	
35) Dibromofluoromethane	7.58	113	271331	44.83	ug/l	0.00
Spiked Amount			Recovery	=	89.66%	
50) Toluene-d8	10.09	98	1059548	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.40	95	328806	43.93	ug/l	0.00
Spiked Amount			Recovery	=	87.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	97370	19.591	ug/l	94
3) Chloromethane	2.06	50	91821	18.504	ug/l	96
4) Vinyl Chloride	2.19	62	140092	19.136	ug/l	97
5) Bromomethane	2.55	94	132775	21.062	ug/l	95
6) Chloroethane	2.70	64	93254	18.999	ug/l	95
7) Trichlorofluoromethane	3.01	101	304076	19.997	ug/l	99
8) Diethyl Ether	3.40	74	94388	18.682	ug/l	68
9) 1,1,2-Trichlorotrifluoroet	3.74	101	174977	19.648	ug/l #	86
10) Methyl Iodide	3.93	142	269959	18.519	ug/l	94
11) Tert butyl alcohol	4.81	59	62010	86.856	ug/l #	88
12) 1,1-Dichloroethene	3.72	96	165603	19.760	ug/l #	75
13) Acrolein	3.59	56	55667	91.061	ug/l	91
14) Allyl chloride	4.30	41	111801	18.225	ug/l #	85
15) Acrylonitrile	4.98	53	161314	91.257	ug/l	99
16) Acetone	3.81	43	242583	82.895	ug/l	93
17) Carbon Disulfide	4.03	76	203207	17.737	ug/l	98
18) Methyl Acetate	4.31	43	82835	18.993	ug/l #	86
19) Methyl tert-butyl Ether	5.03	73	286806	17.965	ug/l	95
20) Methylene Chloride	4.53	84	91333	16.847	ug/l #	83
21) trans-1,2-Dichloroethene	5.01	96	91547	17.463	ug/l	83
22) Diisopropyl ether	5.94	45	271135	19.717	ug/l #	90
23) Vinyl Acetate	5.88	43	1047680	97.497	ug/l #	89
24) 1,1-Dichloroethane	5.82	63	168746	18.636	ug/l	100
25) 2-Butanone	6.83	43	211587	91.601	ug/l #	81
26) 2,2-Dichloropropane	6.81	77	156222	16.898	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	120384	18.961	ug/l	80
28) Bromochloromethane	7.18	49	79794	20.964	ug/l #	58
29) Tetrahydrofuran	7.20	42	134839	93.344	ug/l #	73
30) Chloroform	7.36	83	205437	18.282	ug/l	99
31) Cyclohexane	7.64	56	161359	19.188	ug/l #	80
32) 1,1,1-Trichloroethane	7.56	97	190620	19.083	ug/l	95
36) 1,1-Dichloropropene	7.78	75	141389	18.746	ug/l	92
37) Ethyl Acetate	6.92	43	95108	19.032	ug/l #	92
38) Carbon Tetrachloride	7.76	117	159436	18.077	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057559.D
 Acq On : 29 Aug 2019 19:36
 Operator : JC/SP
 Sample : VN0829WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 30 12:08:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 08:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	178301	18.580	ug/l	87
40) Benzene	8.03	78	434322	18.804	ug/l	99
41) Methacrylonitrile	7.17	41	45327	20.589	ug/l	91
42) 1,2-Dichloroethane	8.11	62	160005	19.463	ug/l	99
43) Isopropyl Acetate	8.16	43	175991	18.868	ug/l #	92
44) Trichloroethene	8.83	130	121442	19.040	ug/l	85
45) 1,2-Dichloropropane	9.11	63	103685	19.210	ug/l	100
46) Dibromomethane	9.20	93	78503	18.548	ug/l #	86
47) Bromodichloromethane	9.39	83	163297	18.715	ug/l	97
48) Methyl methacrylate	9.19	41	79932	18.145	ug/l #	76
49) 1,4-Dioxane	9.20	88	29561	367.709	ug/l #	80
51) 4-Methyl-2-Pentanone	9.98	43	481109	96.510	ug/l #	88
52) Toluene	10.15	92	286681	19.158	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	152476	18.082	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	169345	18.542	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	111297	19.338	ug/l	93
56) Ethyl methacrylate	10.43	69	143261	18.701	ug/l #	82
57) 1,3-Dichloropropane	10.71	76	175676	19.108	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	181127	100.780	ug/l #	85
59) 2-Hexanone	10.75	43	327591	95.181	ug/l	92
60) Dibromochloromethane	10.90	129	120867	18.411	ug/l	99
61) 1,2-Dibromoethane	11.00	107	114430	19.000	ug/l	100
64) Tetrachloroethene	10.63	164	122752	18.996	ug/l	89
65) Chlorobenzene	11.43	112	301327	19.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	115877	18.605	ug/l	99
67) Ethyl Benzene	11.51	91	544644	19.639	ug/l	97
68) m/p-Xylenes	11.62	106	411049	38.916	ug/l	94
69) o-Xylene	11.95	106	199410	18.800	ug/l	95
70) Styrene	11.96	104	312664	19.529	ug/l	96
71) Bromoform	12.13	173	73932	17.783	ug/l #	98
73) Isopropylbenzene	12.25	105	544417	19.309	ug/l	99
74) N-amyl acetate	12.07	43	139124	22.516	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.51	83	130711	21.645	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	158522	31.159	ug/l #	100
77) Bromobenzene	12.53	156	123291	18.789	ug/l	74
78) n-propylbenzene	12.59	91	550318	19.571	ug/l	95
79) 2-Chlorotoluene	12.67	91	336046	19.186	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	446377	20.040	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	34178	19.321	ug/l	93
82) 4-Chlorotoluene	12.77	91	312552	19.233	ug/l	93
83) tert-Butylbenzene	12.99	119	391271	21.073	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	425225	20.873	ug/l	98
85) sec-Butylbenzene	13.17	105	494196	20.185	ug/l	97
86) p-Isopropyltoluene	13.29	119	430680	20.466	ug/l	96
87) 1,3-Dichlorobenzene	13.29	146	181707	19.067	ug/l	97
88) 1,4-Dichlorobenzene	13.37	146	177029	19.371	ug/l	97
89) n-Butylbenzene	13.62	91	324924	20.383	ug/l	98
90) Hexachloroethane	13.88	117	79453	17.942	ug/l	87
91) 1,2-Dichlorobenzene	13.66	146	178948	20.119	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19682	19.726	ug/l	82

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
Data File : VN057559.D
Acq On : 29 Aug 2019 19:36
Operator : JC/SP
Sample : VN0829WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 30 12:08:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 08:56:38 2019
Response via : Initial Calibration

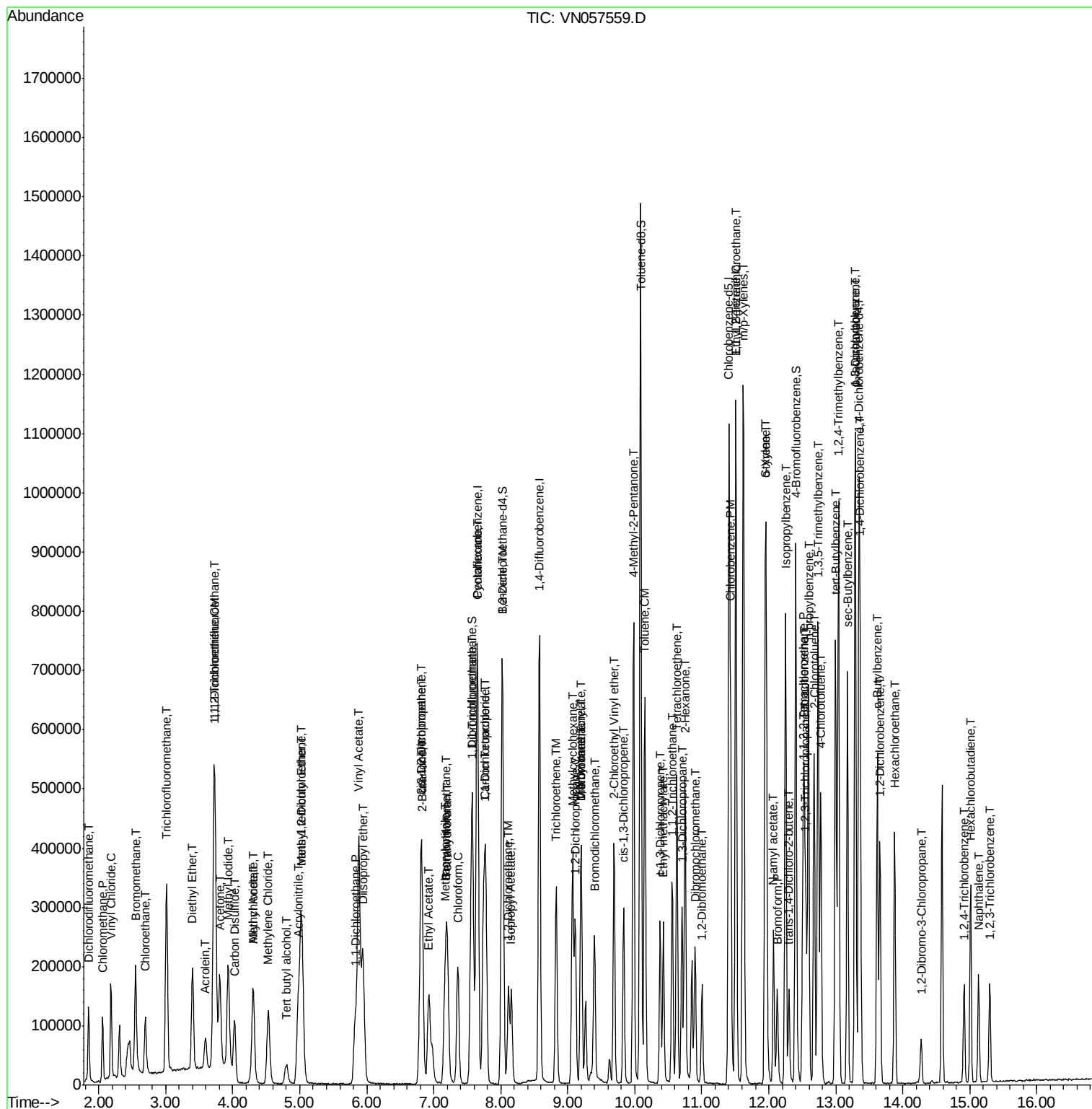
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	51484	16.684	ug/l	98
94) Hexachlorobutadiene	15.01	225	58245	19.870	ug/l	97
95) Naphthalene	15.13	128	149537	16.991	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	50380	16.760	ug/l	100

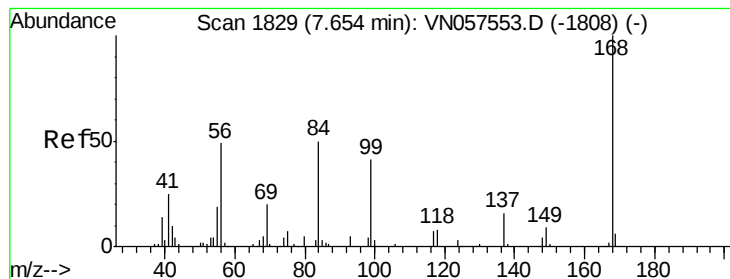
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082919\
Data File : VN057559.D
Acq On : 29 Aug 2019 19:36
Operator : JC/SP
Sample : VN0829WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 30 12:08:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 08:56:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

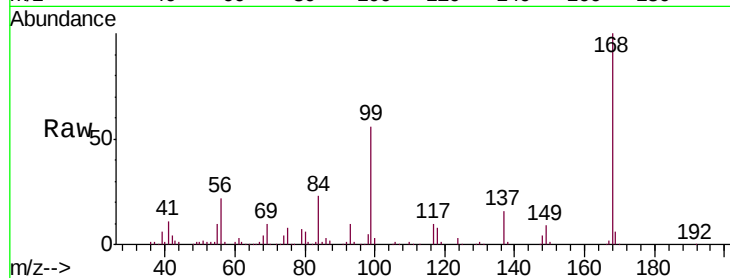
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 442314

Ion Ratio Lower Upper

168 100

99 55.6 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

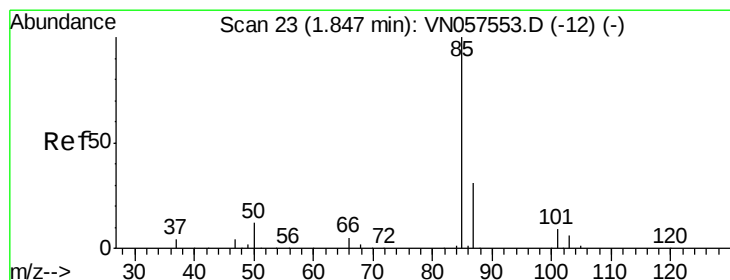
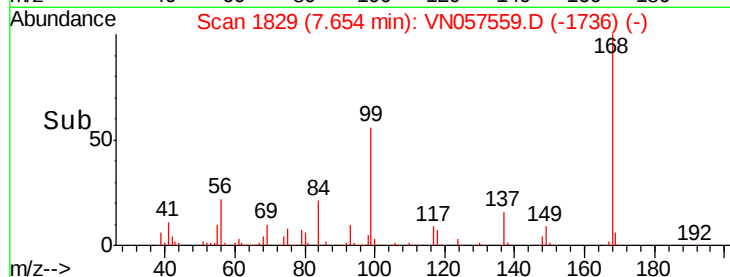
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.591 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057559.D

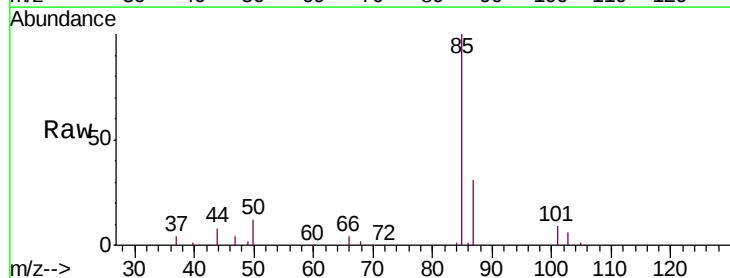
Acq: 29 Aug 2019 19:36

Tgt Ion: 85 Resp: 97370

Ion Ratio Lower Upper

85 100

87 30.6 17.1 51.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

80000

60000

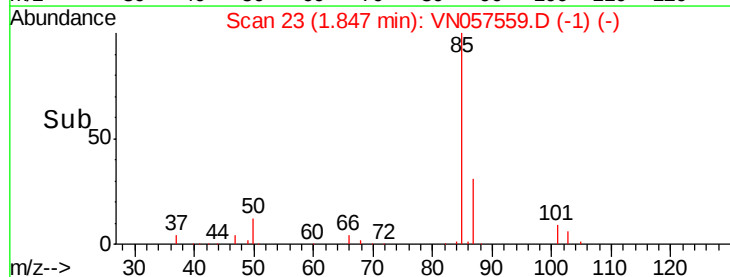
40000

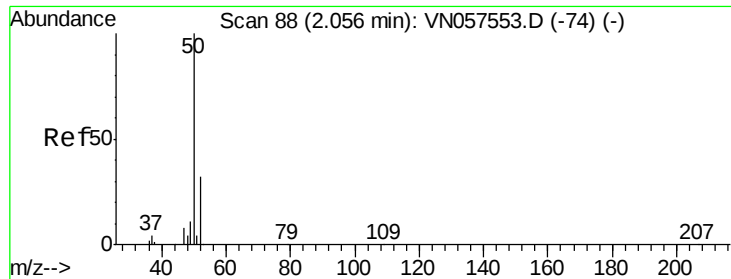
20000

0

1.80 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.504 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

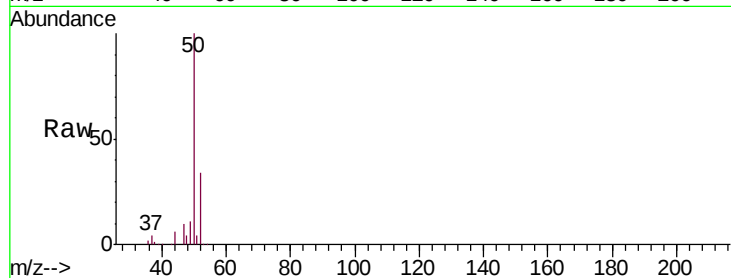
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 91821

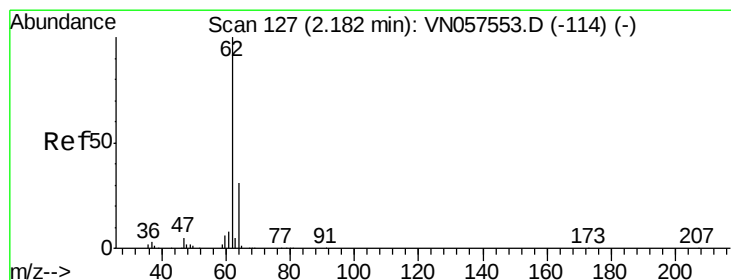
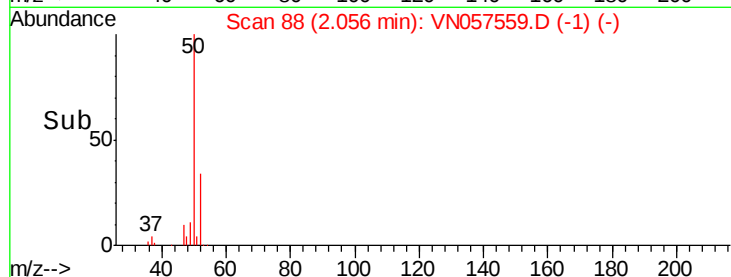
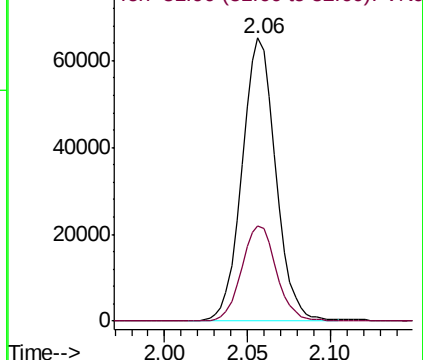
Ion Ratio Lower Upper

50 100

52 33.6 25.1 37.7



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



#4

Vinyl Chloride

Concen: 19.136 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN057559.D

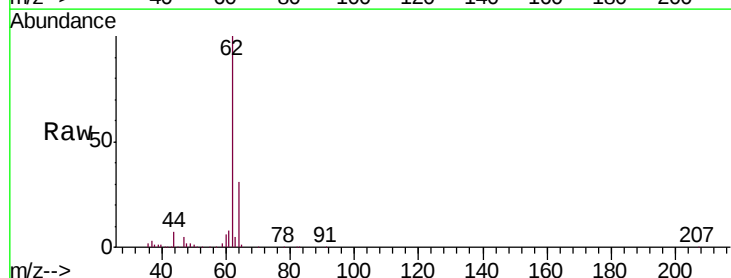
Acq: 29 Aug 2019 19:36

Tgt Ion: 62 Resp: 140092

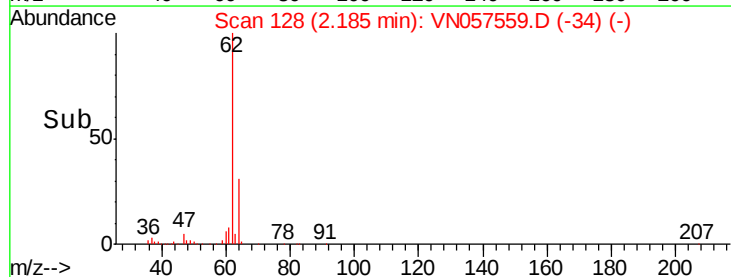
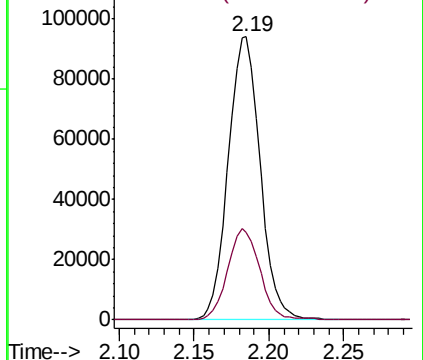
Ion Ratio Lower Upper

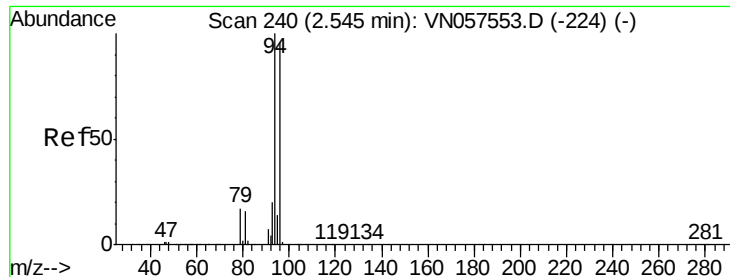
62 100

64 30.8 25.8 38.8



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





#5

Bromomethane

Concen: 21.062 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

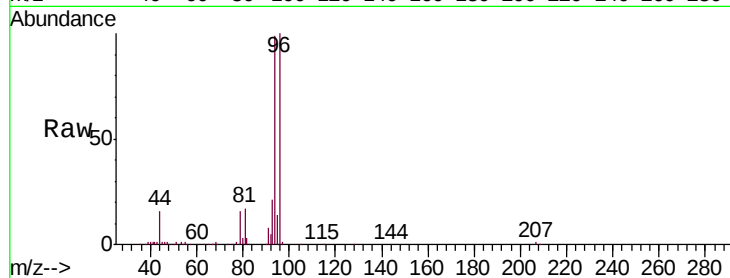
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 132775

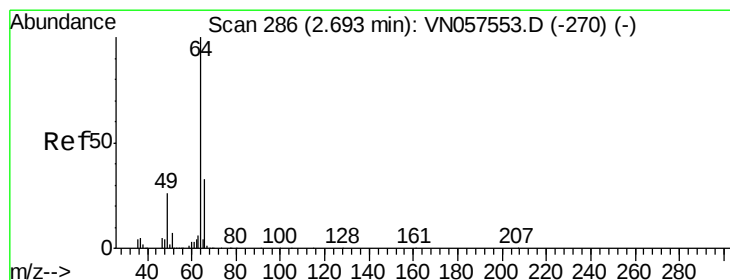
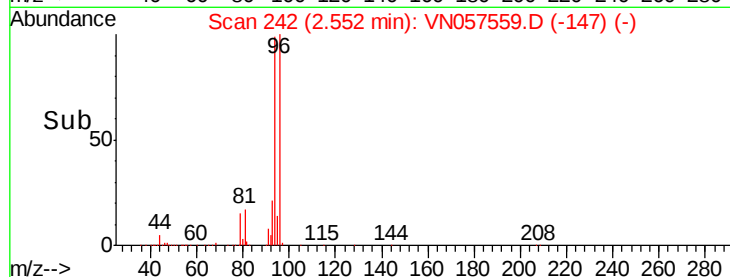
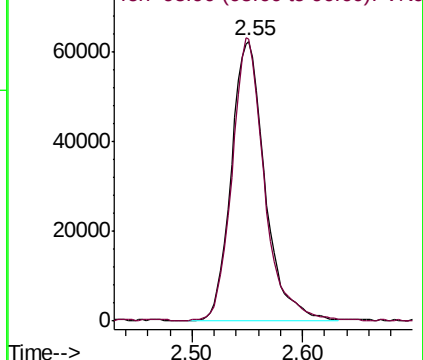
Ion Ratio Lower Upper

94 100

96 100.5 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VNC
Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 18.999 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.00 min

Lab File: VN057559.D

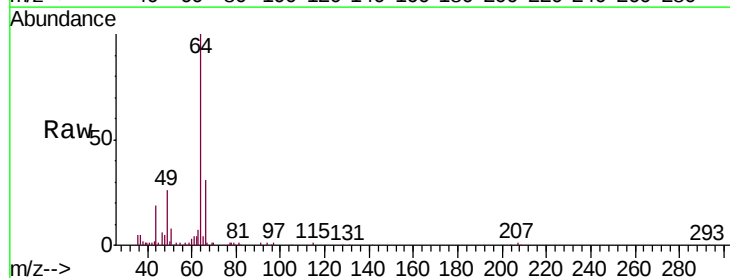
Acq: 29 Aug 2019 19:36

Tgt Ion: 64 Resp: 93254

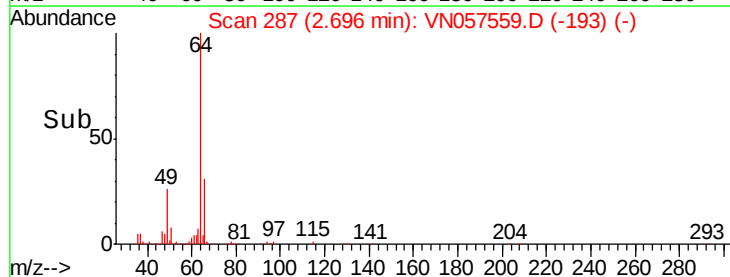
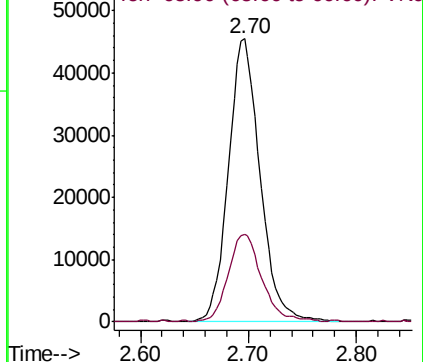
Ion Ratio Lower Upper

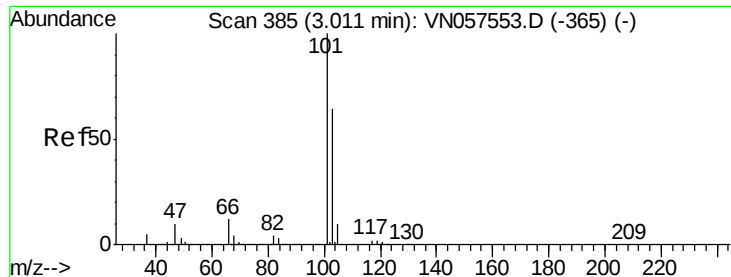
64 100

66 30.8 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VNC
Ion 65.90 (65.60 to 66.60): VNC



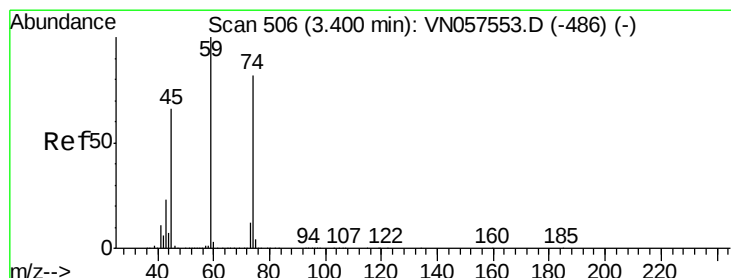
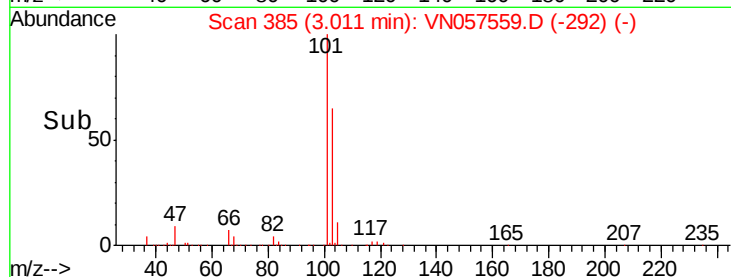
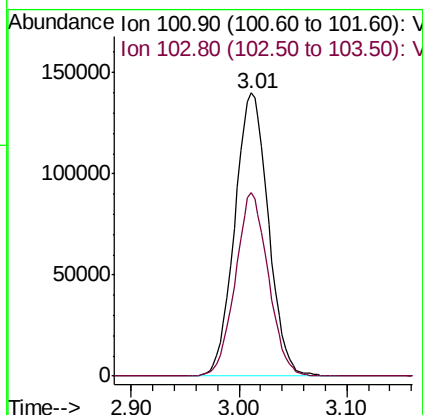
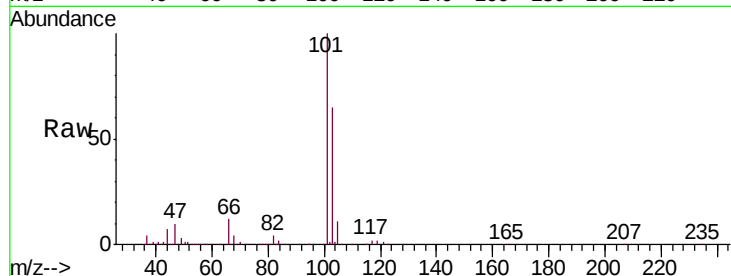


#7

Trichlorofluoromethane
 Concen: 19.997 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VN057559.D
 Acq: 29 Aug 2019 19:36

Instrument :
 MSVOA_N
 ClientSampleId :

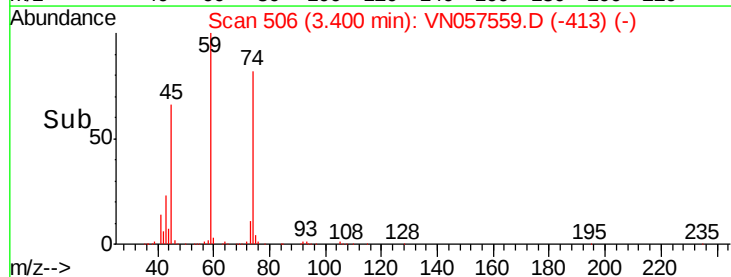
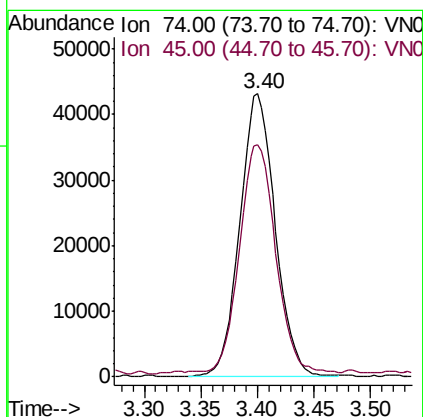
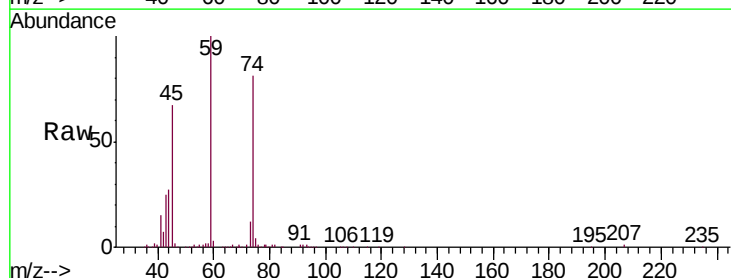
Tot Ion:101 Resp: 304076
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.6 78.8

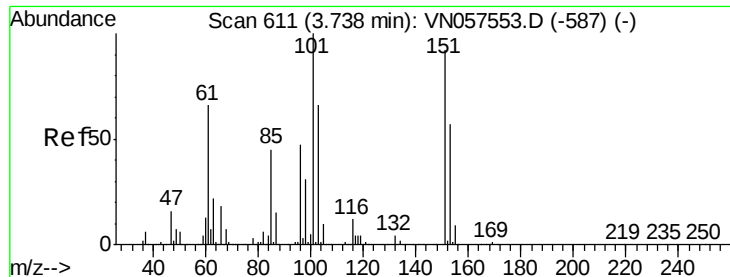


#8

Diethyl Ether
 Concen: 18.682 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: VN057559.D
 Acq: 29 Aug 2019 19:36

Tgt Ion: 74 Resp: 94388
 Ion Ratio Lower Upper
 74 100
 45 81.2 57.9 173.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.648 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

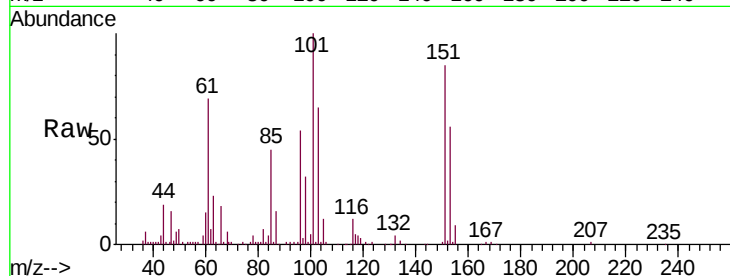
Tot Ion:101 Resp: 174977

Ion Ratio Lower Upper

101 100

85 44.6 40.0 60.0

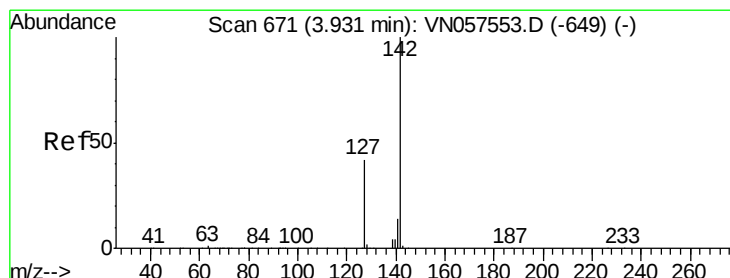
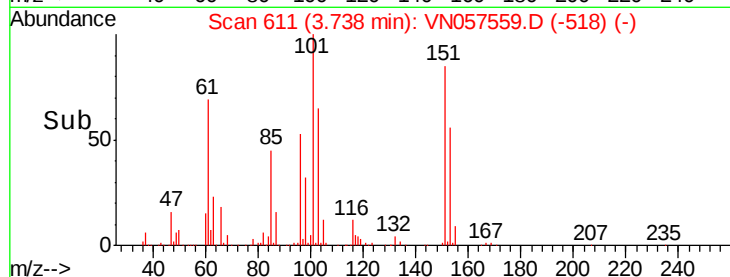
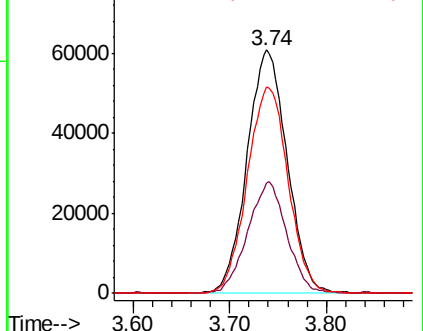
151 86.5 57.0 85.6#



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: 18.519 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

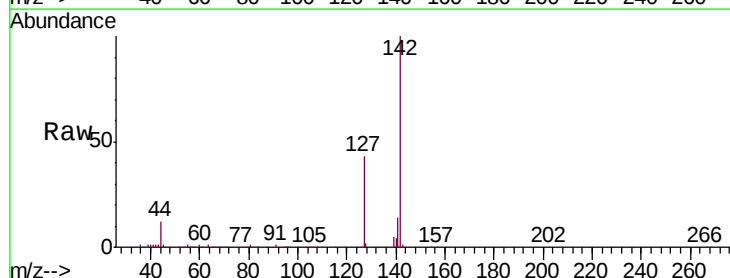
Tgt Ion:142 Resp: 269959

Ion Ratio Lower Upper

142 100

127 42.5 37.8 56.8

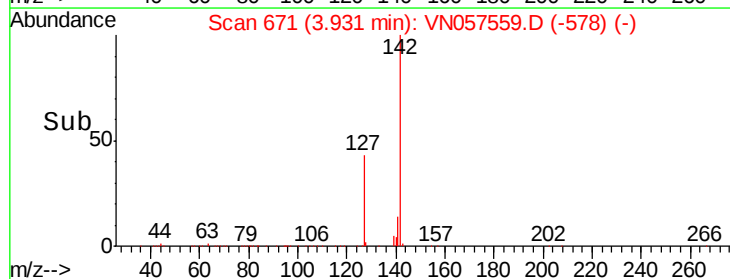
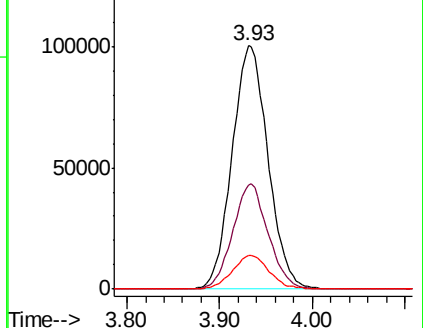
141 14.2 11.9 17.9

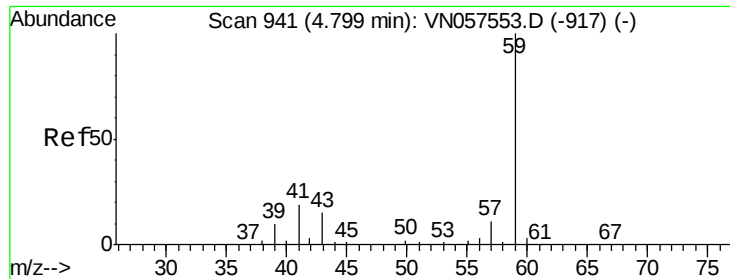


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

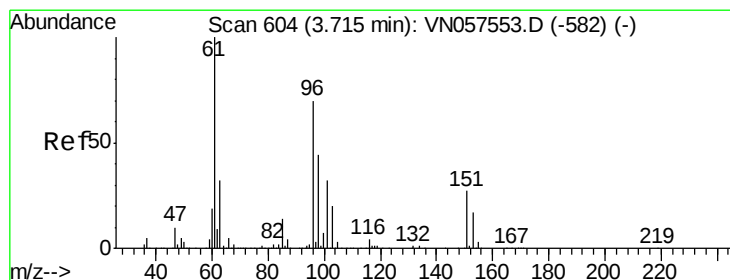
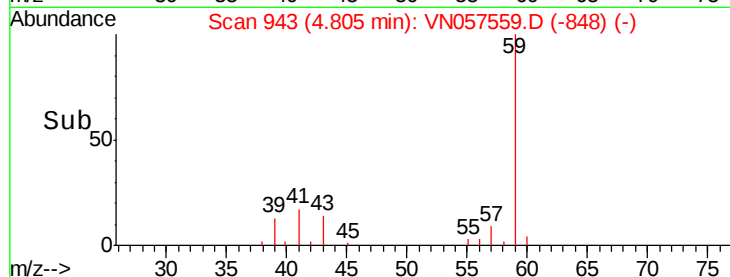
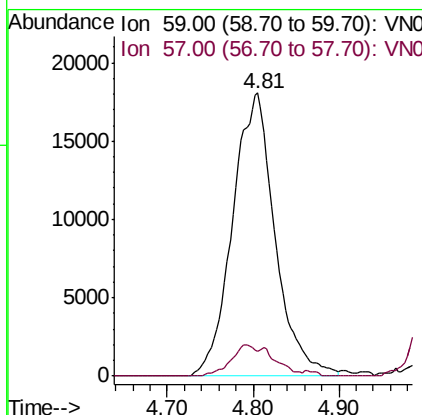
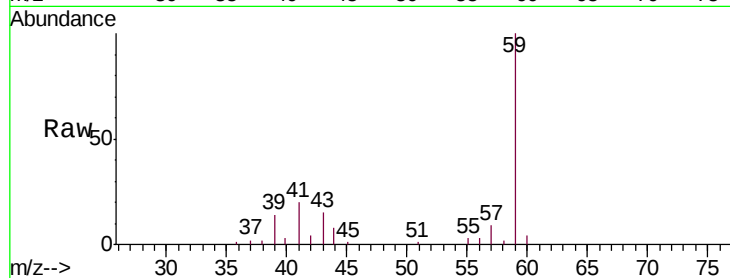




#11
Tert butyl alcohol
Concen: 86.856 ug/l
RT: 4.81 min Scan# 943
Delta R.T. 0.01 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

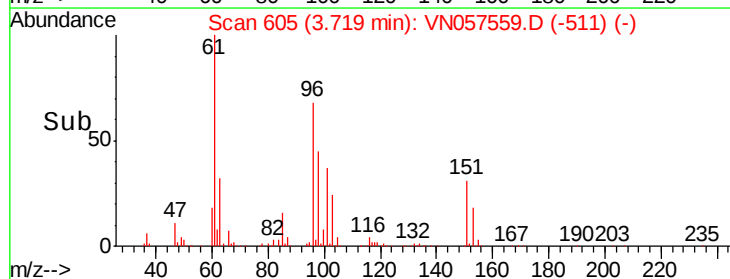
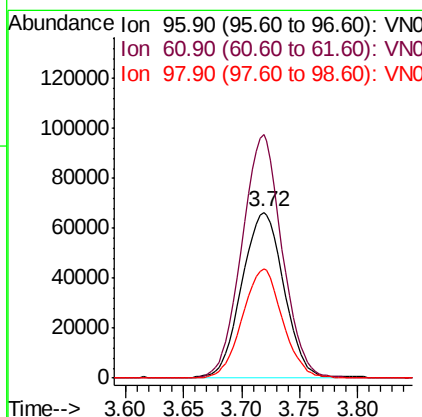
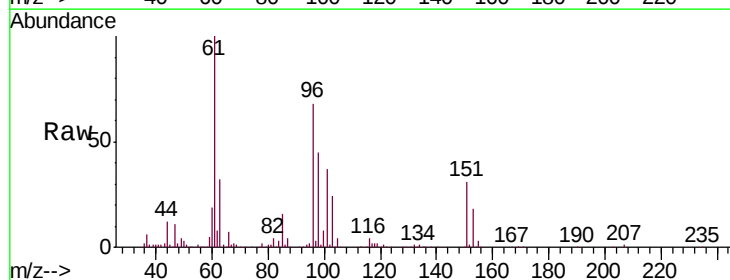
Instrument :
MSVOA_N
ClientSampleId :

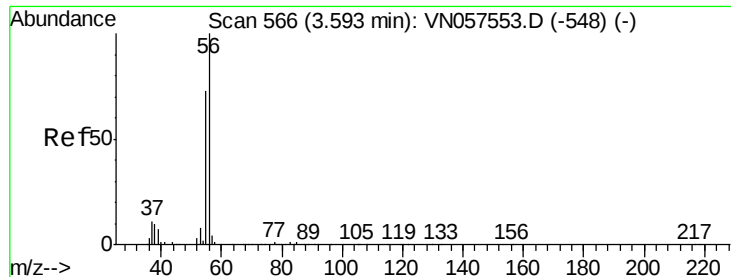
Tot Ion: 59 Resp: 62010
Ion Ratio Lower Upper
59 100
57 6.7 9.1 13.7#



#12
1,1-Dichloroethene
Concen: 19.760 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Tgt Ion: 96 Resp: 165603
Ion Ratio Lower Upper
96 100
61 147.6 155.3 232.9#
98 66.3 50.2 75.2





#13

Acrolein

Concen: 91.061 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

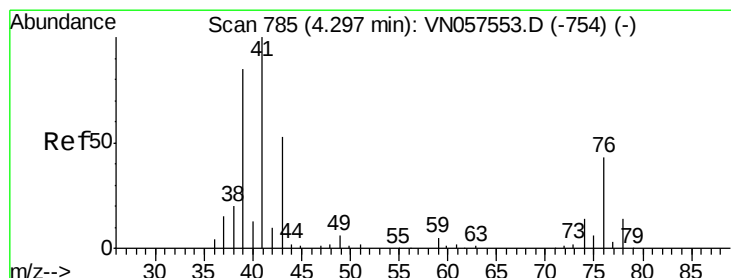
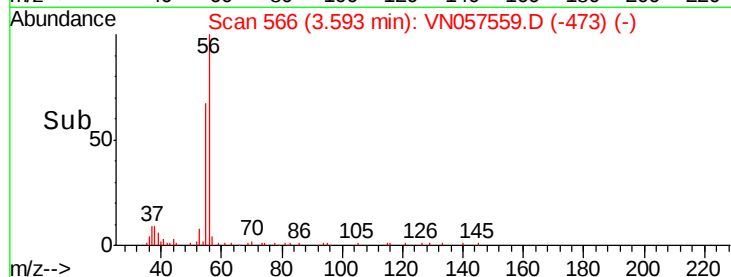
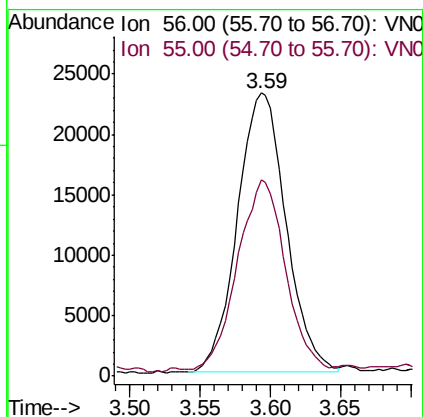
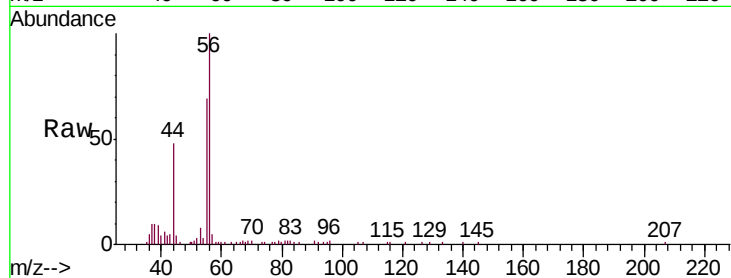
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 55667

Ion Ratio Lower Upper

56 100

55 65.9 59.0 88.4



#14

Allyl chloride

Concen: 18.225 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

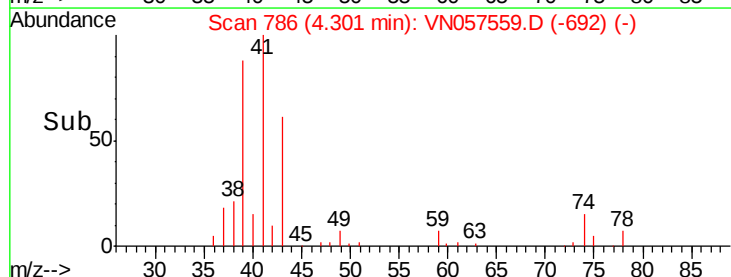
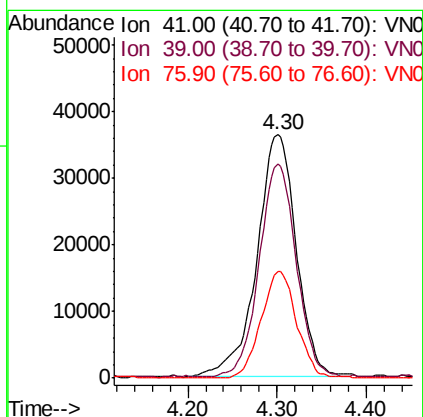
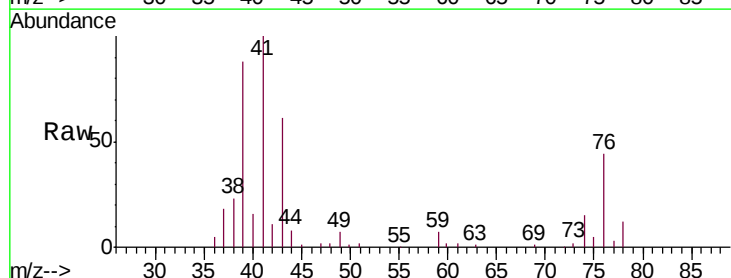
Tgt Ion: 41 Resp: 111801

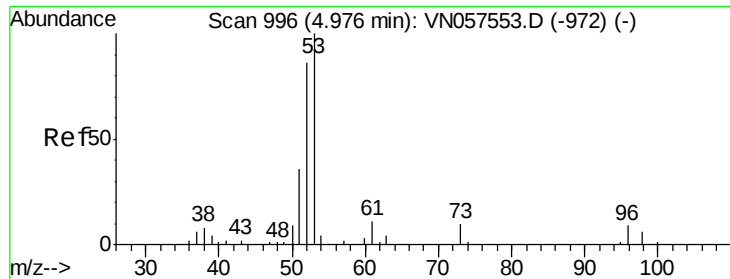
Ion Ratio Lower Upper

41 100

39 82.2 57.4 86.2

76 39.6 22.9 34.3#





#15

Acrylonitrile

Concen: 91.257 ug/l

RT: 4.98 min Scan# 996

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

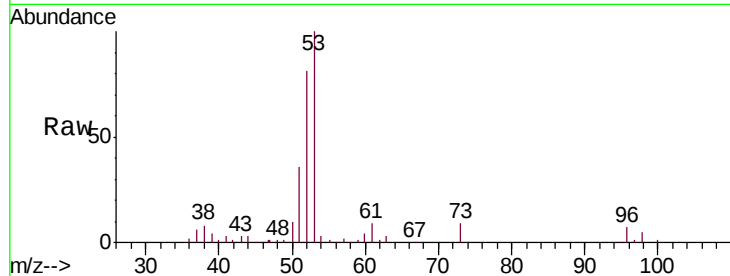
Tot Ion: 53 Resp: 161314

Ion Ratio Lower Upper

53 100

52 82.6 67.0 100.6

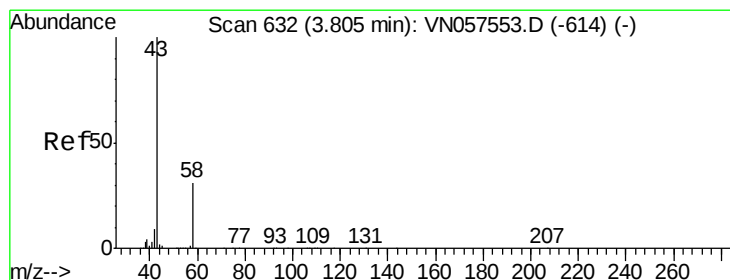
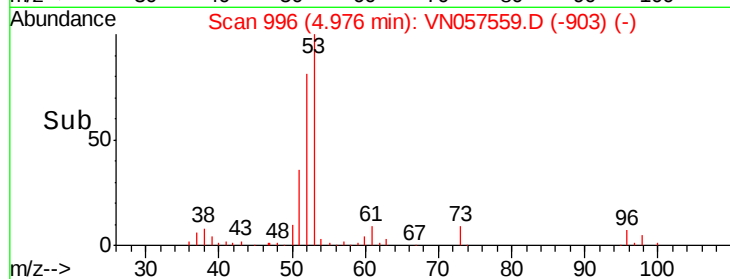
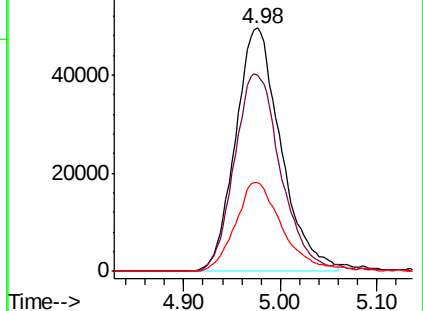
51 38.0 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN057559.D (-972) (-)

Ion 52.00 (51.70 to 52.70): VN057559.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN057559.D (-972) (-)



#16

Acetone

Concen: 82.895 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN057559.D

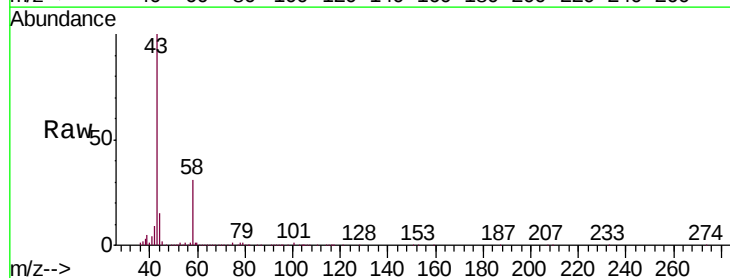
Acq: 29 Aug 2019 19:36

Tgt Ion: 43 Resp: 242583

Ion Ratio Lower Upper

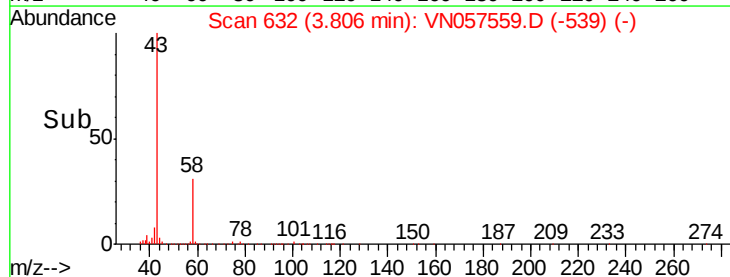
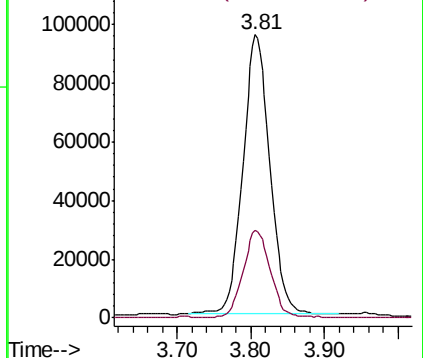
43 100

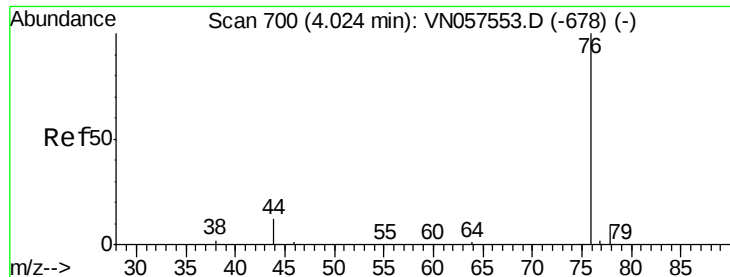
58 31.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN057559.D (-614) (-)

Ion 58.00 (57.70 to 58.70): VN057559.D (-614) (-)





#17

Carbon Disulfide

Concen: 17.737 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

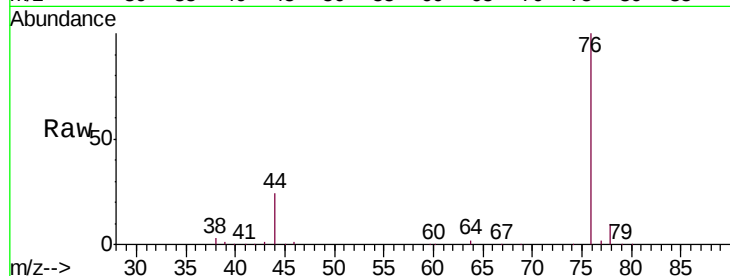
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 76 Resp: 203207

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.03

80000

60000

40000

20000

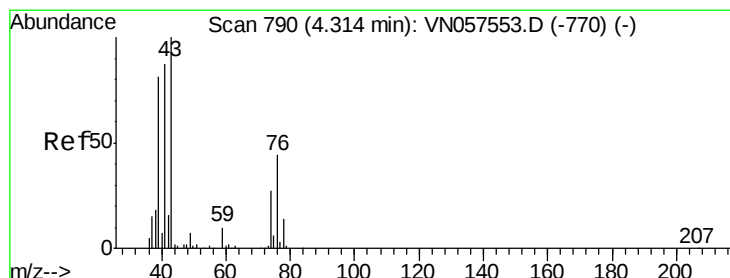
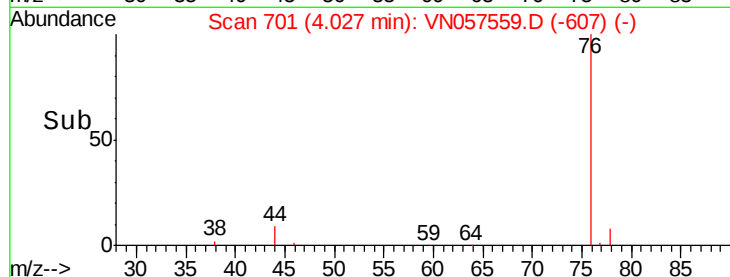
0

Time-->

3.90

4.00

4.10



#18

Methyl Acetate

Concen: 18.993 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN057559.D

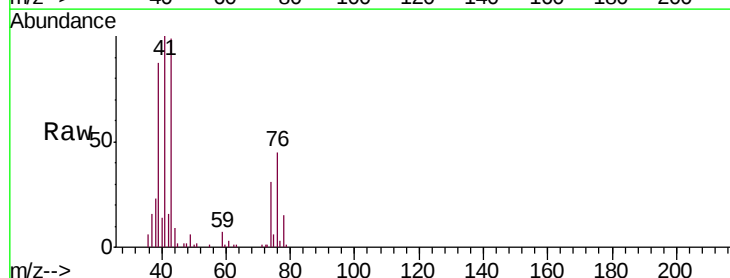
Acq: 29 Aug 2019 19:36

Tgt Ion: 43 Resp: 82835

Ion Ratio Lower Upper

43 100

74 26.2 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.31

30000

20000

10000

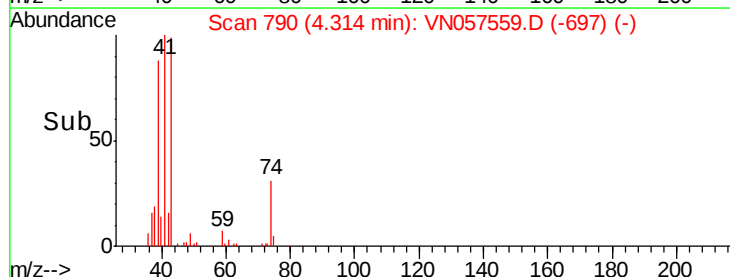
0

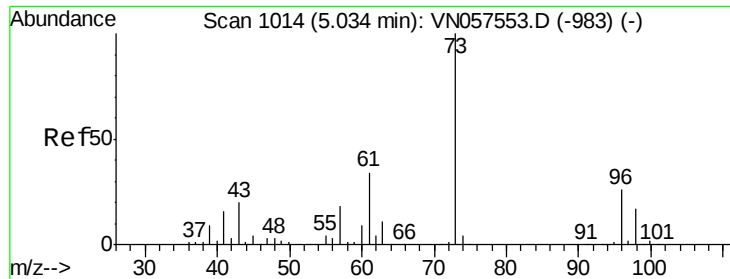
Time-->

4.20

4.30

4.40

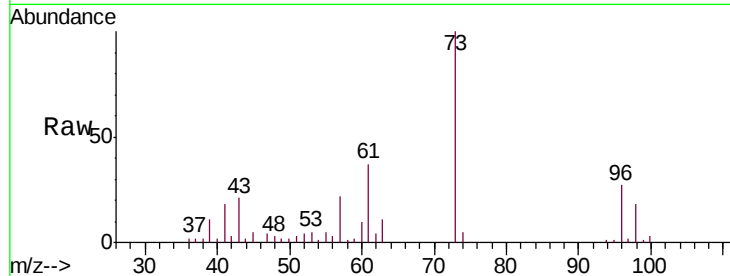




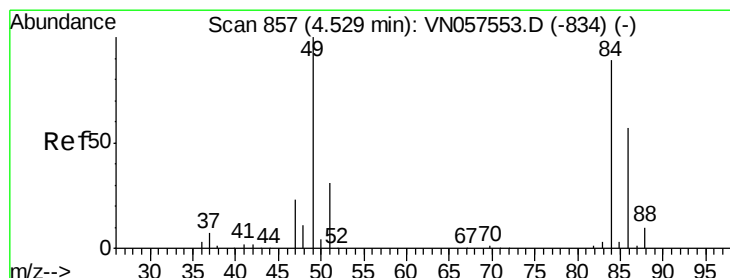
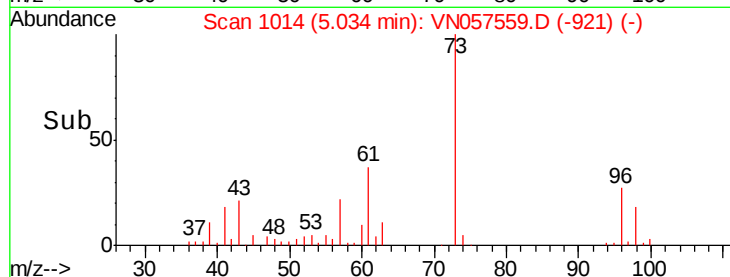
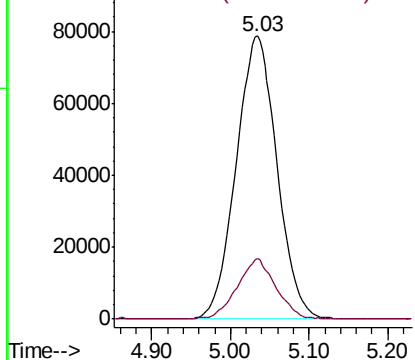
#19
Methvl tert-butvl Ether
Concen: 17.965 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 286806
Ion Ratio Lower Upper
73 100
57 21.6 19.1 28.7

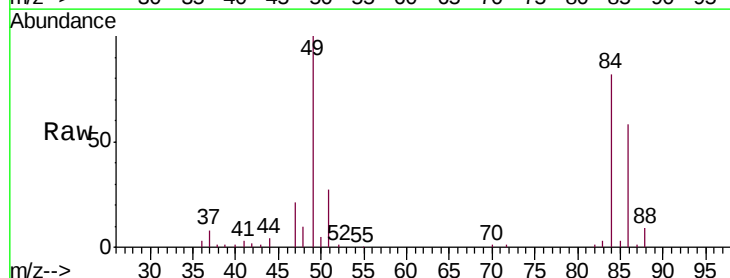


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

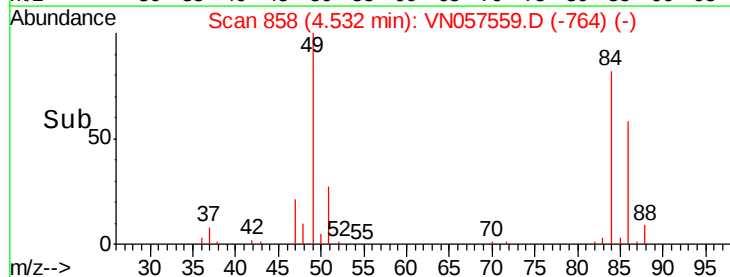
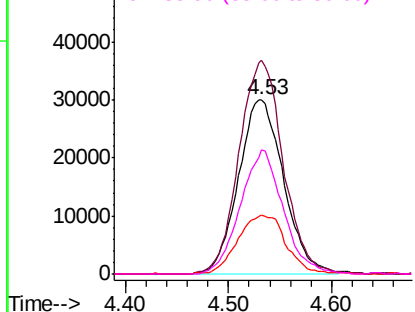


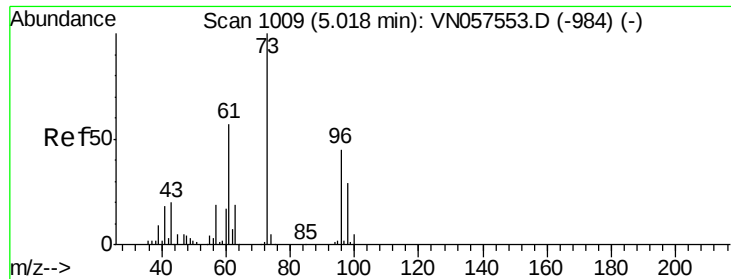
#20
Methylene Chloride
Concen: 16.847 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Tgt Ion: 84 Resp: 91333
Ion Ratio Lower Upper
84 100
49 122.6 117.0 175.4
51 33.6 35.5 53.3#
86 71.2 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 17.463 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

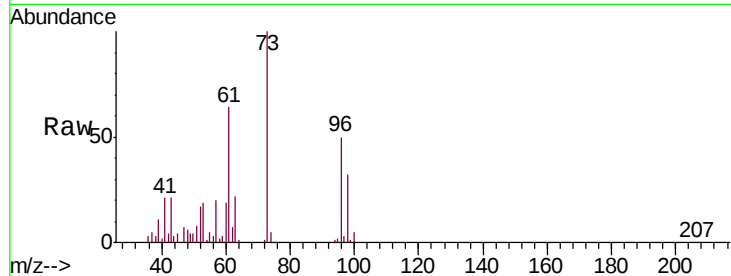
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 96 Resp: 91547

Ion	Ratio	Lower	Upper
96	100		
61	128.3	127.9	191.9
98	63.7	50.6	76.0

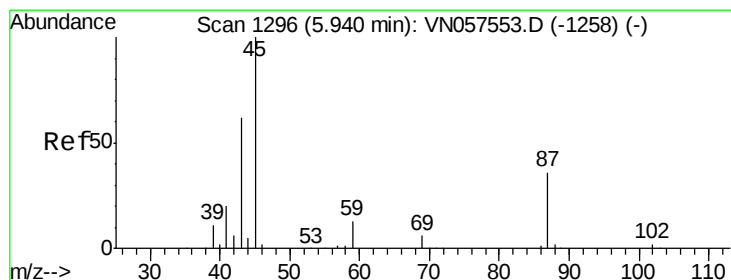
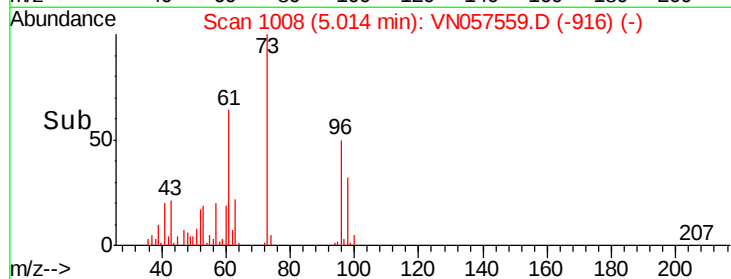
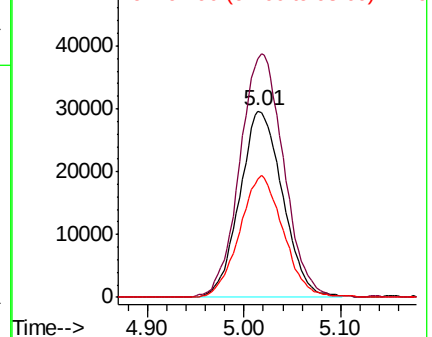


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.717 ug/l

RT: 5.94 min Scan# 1296

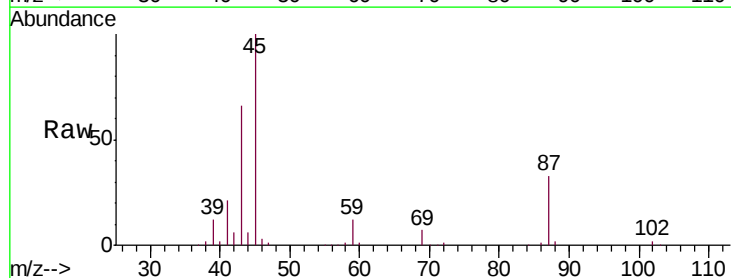
Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Tgt Ion: 45 Resp: 271135

Ion	Ratio	Lower	Upper
45	100		
43	64.5	46.9	70.3
87	33.4	19.3	28.9
59	11.8	8.7	13.1



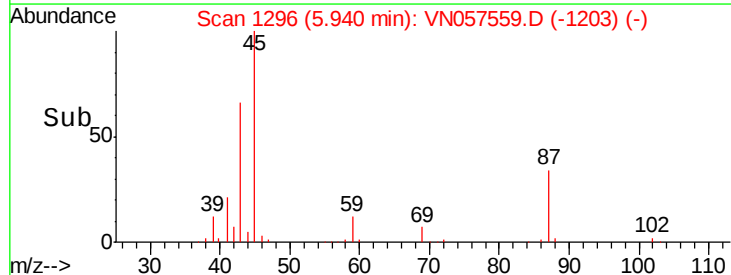
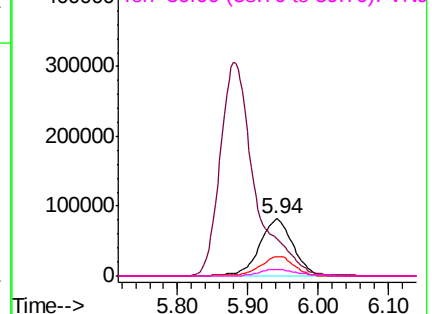
Abundance

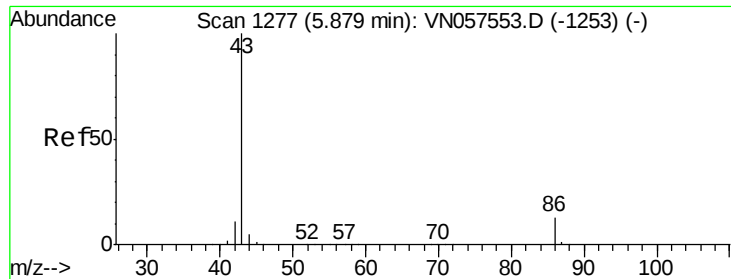
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 97.497 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

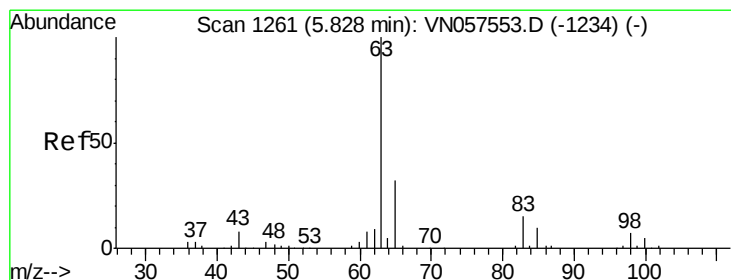
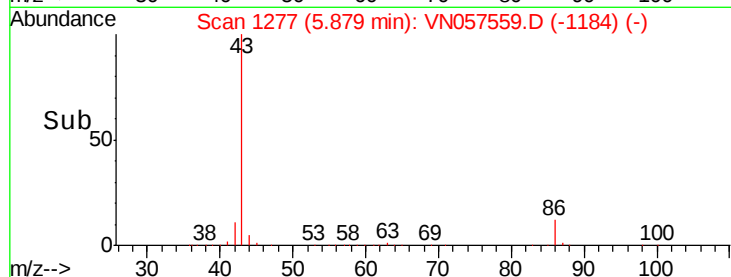
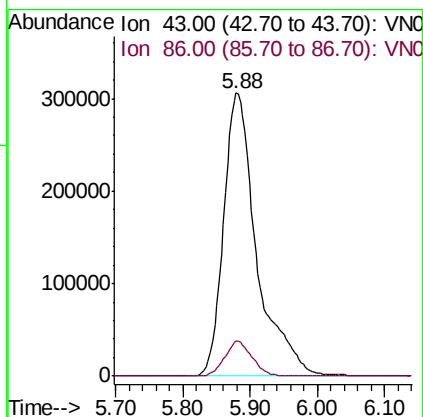
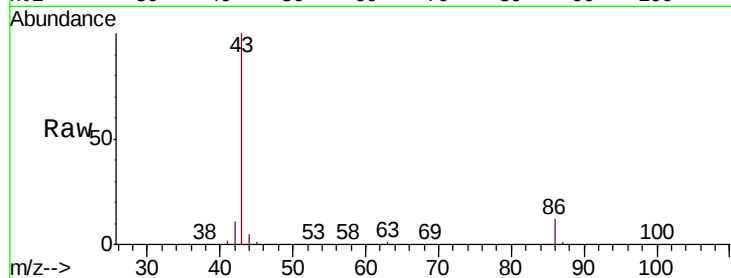
ClientSampleId :

Tot Ion: 43 Resp: 1047680

Ion Ratio Lower Upper

43 100

86 12.4 6.7 10.1#



#24

1,1-Dichloroethane

Concen: 18.636 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

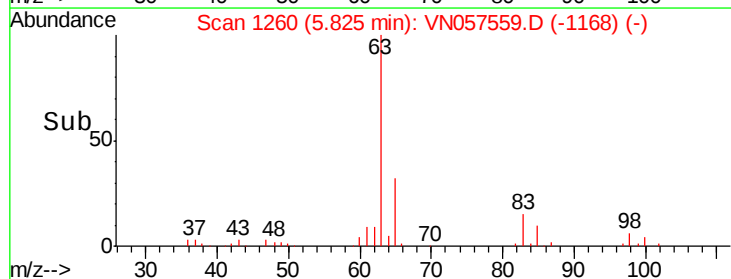
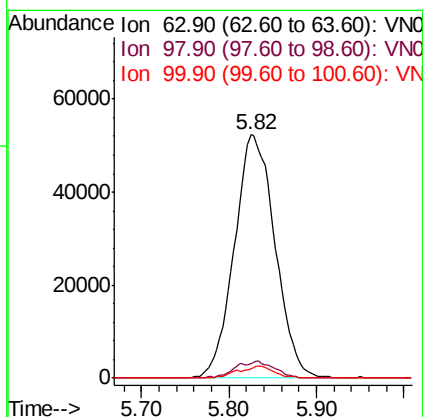
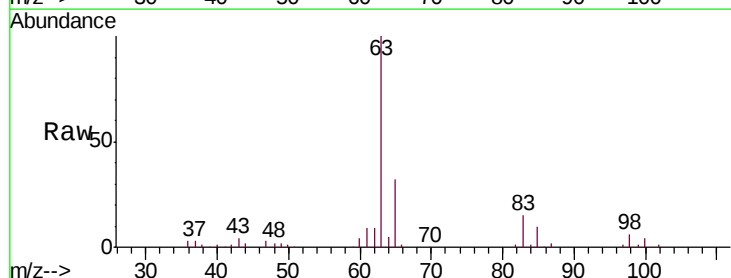
Tgt Ion: 63 Resp: 168746

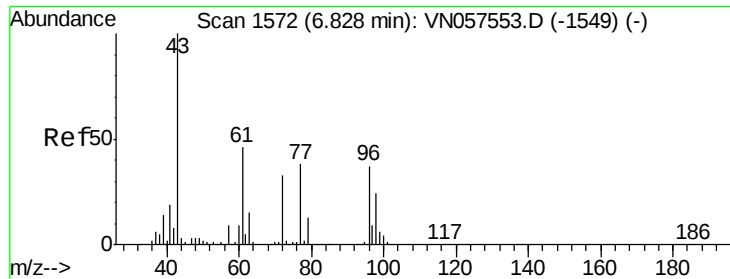
Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.6

100 3.9 2.1 6.3





#25

2-Butanone

Concen: 91.601 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

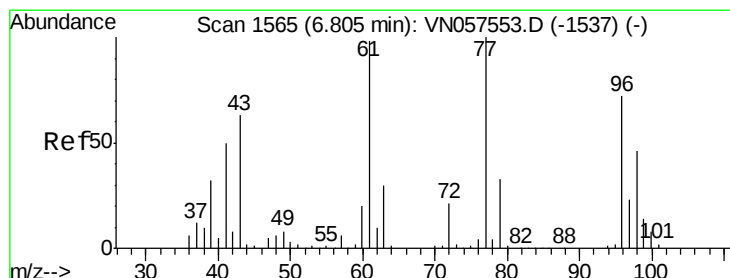
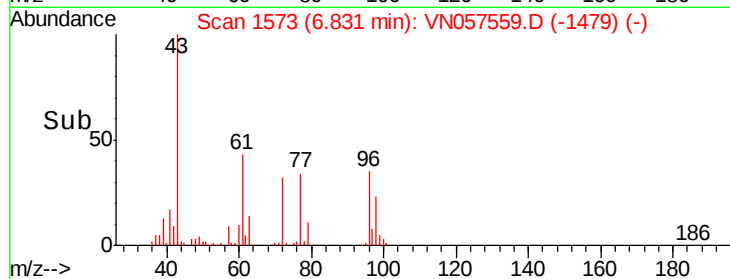
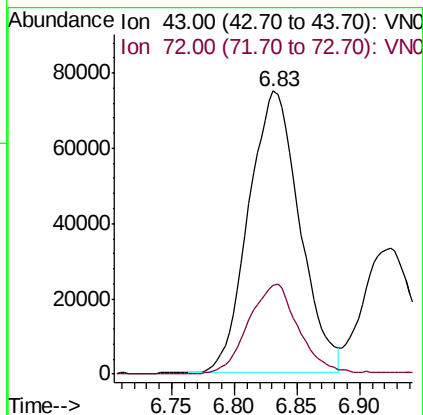
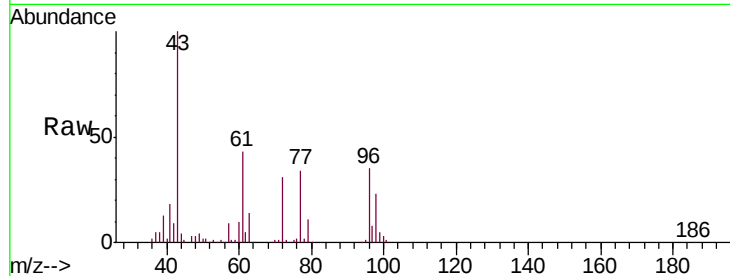
ClientSampleId :

Tot Ion: 43 Resp: 211587

Ion Ratio Lower Upper

43 100

72 31.6 17.8 26.8#



#26

2,2-Dichloropropane

Concen: 16.898 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN057559.D

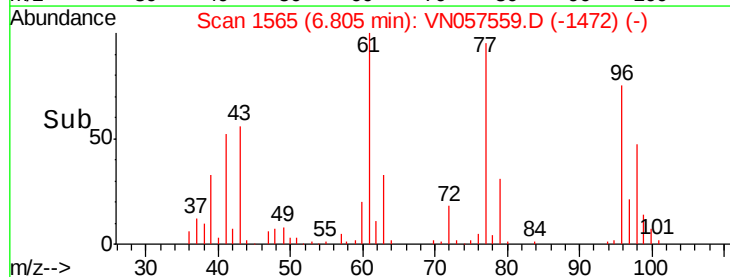
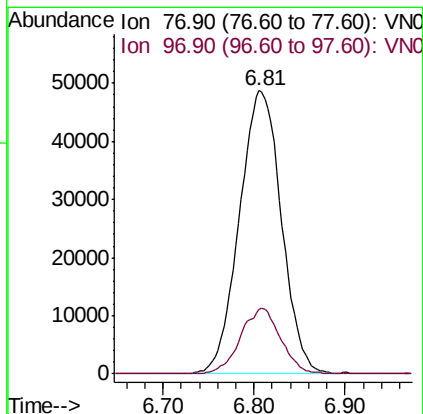
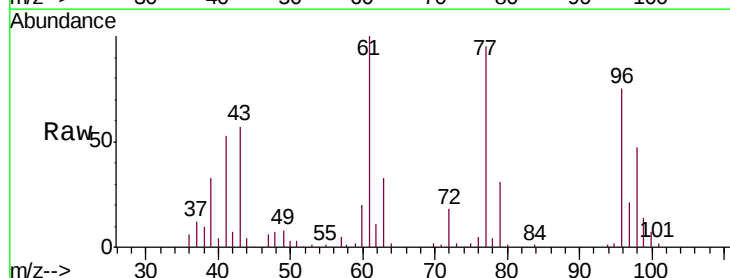
Acq: 29 Aug 2019 19:36

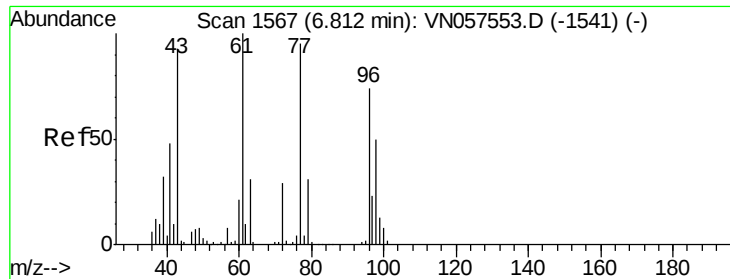
Tgt Ion: 77 Resp: 156222

Ion Ratio Lower Upper

77 100

97 22.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.961 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :
MSVOA_N
ClientSampleId :

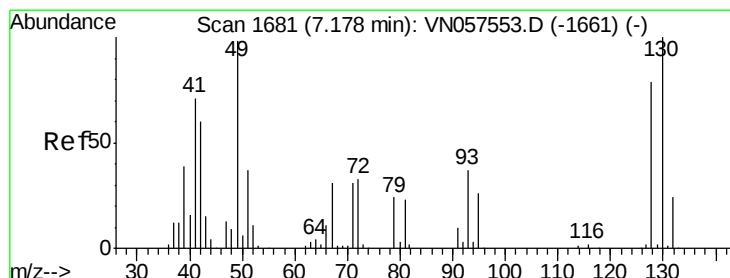
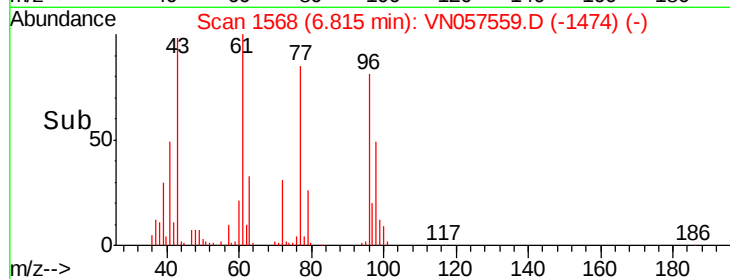
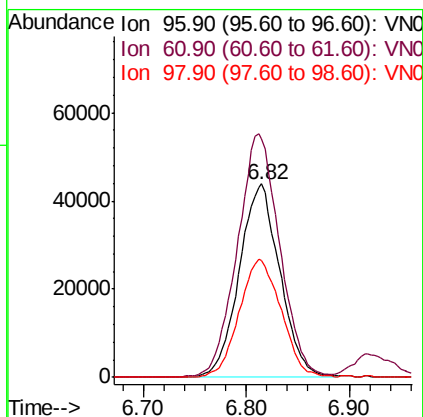
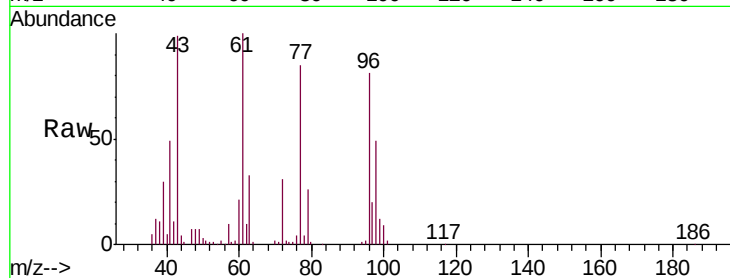
Tot Ion: 96 Resp: 120384

Ion Ratio Lower Upper

96 100

61 130.8 0.0 334.8

98 62.6 0.0 127.4



#28

Bromochloromethane

Concen: 20.964 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

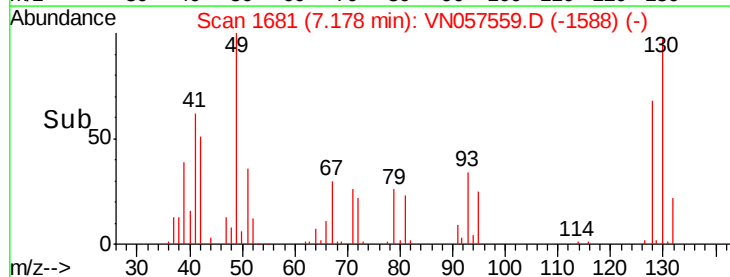
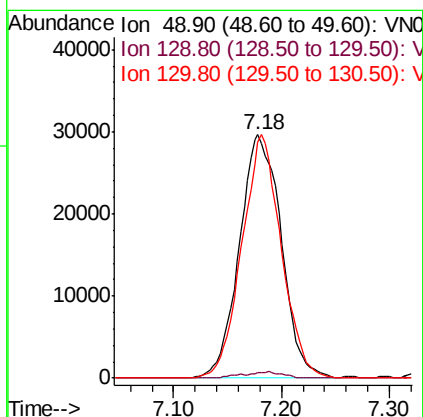
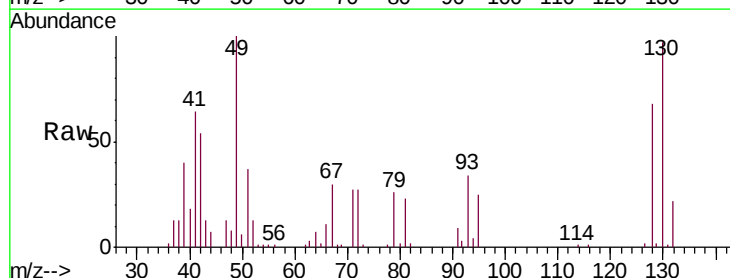
Tgt Ion: 49 Resp: 79794

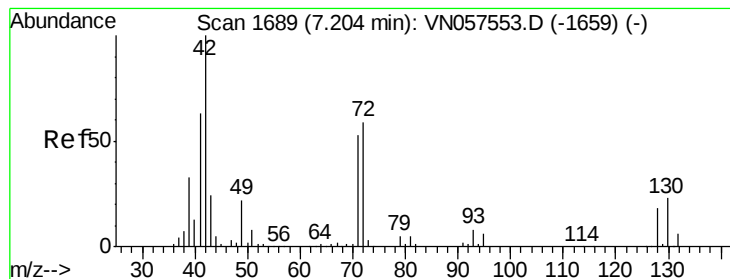
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

130 93.9 48.6 72.8#





#29

Tetrahydrofuran

Concen: 93.344 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :
MSVOA_N
ClientSampled :

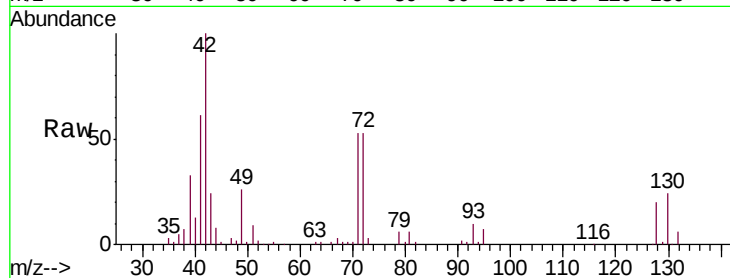
Tot Ion: 42 Resp: 134839

Ion Ratio Lower Upper

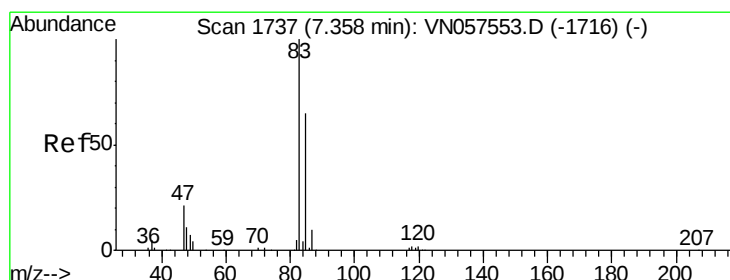
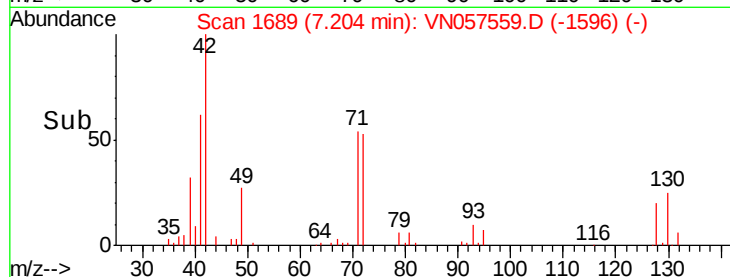
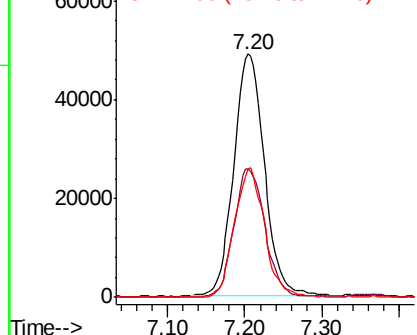
42 100

72 53.6 30.1 45.1#

71 52.3 28.8 43.2#



Abundance Ion 42.00 (41.70 to 42.70): VNC
Ion 72.00 (71.70 to 72.70): VNC
Ion 71.00 (70.70 to 71.70): VNC



#30

Chloroform

Concen: 18.282 ug/l

RT: 7.36 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN057559.D

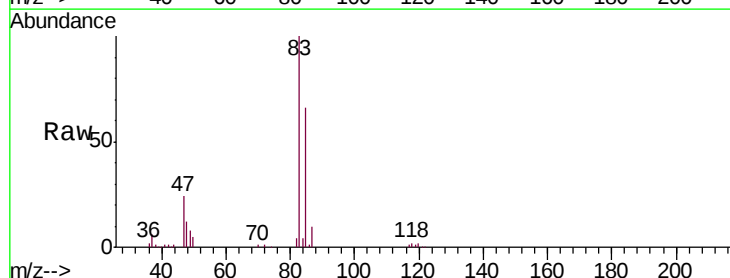
Acq: 29 Aug 2019 19:36

Tgt Ion: 83 Resp: 205437

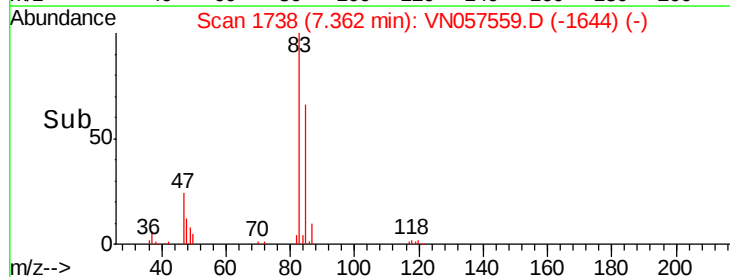
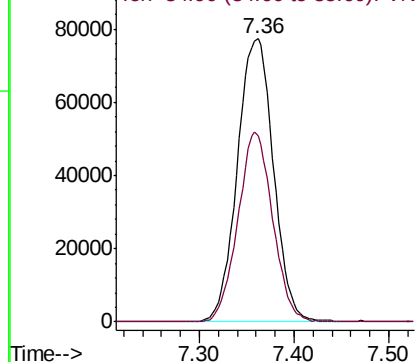
Ion Ratio Lower Upper

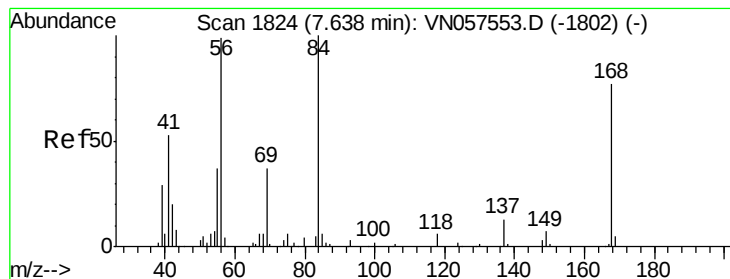
83 100

85 65.6 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC





#31

Cyclohexane

Concen: 19.188 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

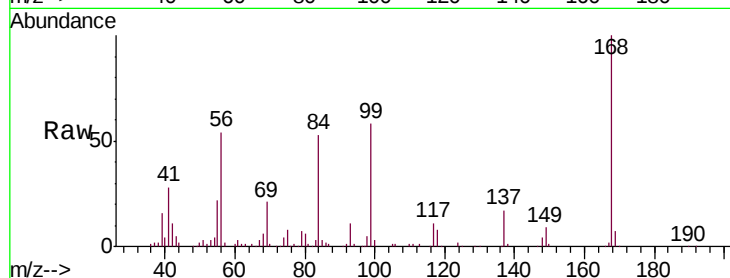
Tot Ion: 56 Resp: 161359

Ion Ratio Lower Upper

56 100

69 39.8 25.0 37.6#

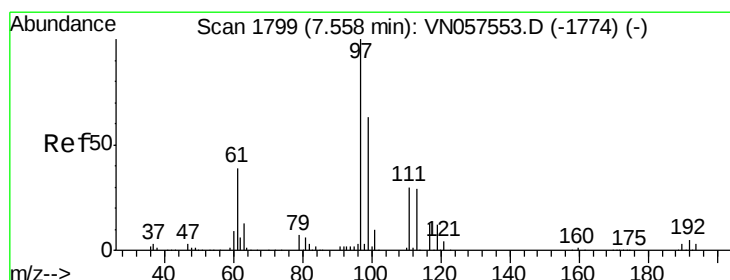
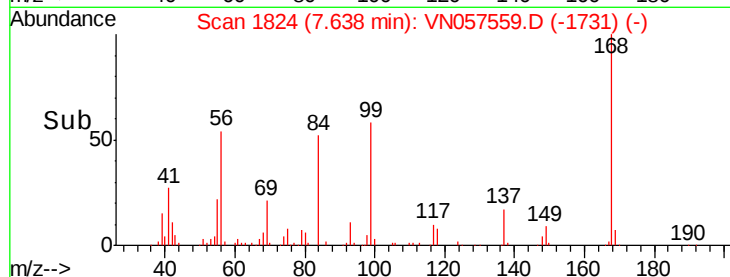
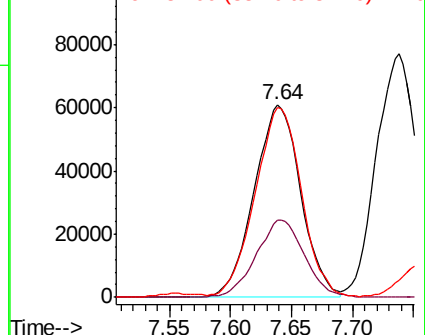
84 97.3 62.5 93.7#



Abundance Ion 56.00 (55.70 to 56.70): VN057553.D (-1802) (-)

Ion 69.00 (68.70 to 69.70): VN057553.D (-1802) (-)

Ion 84.00 (83.70 to 84.70): VN057553.D (-1802) (-)



#32

1,1,1-Trichloroethane

Concen: 19.083 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

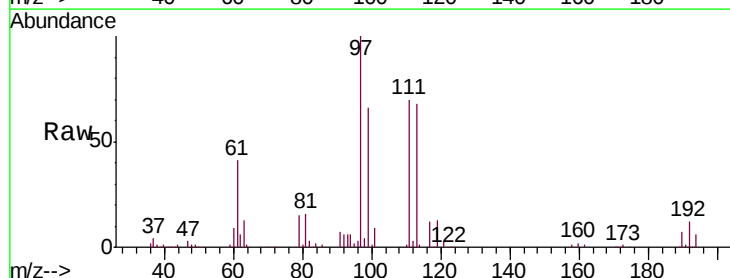
Tgt Ion: 97 Resp: 190620

Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.6

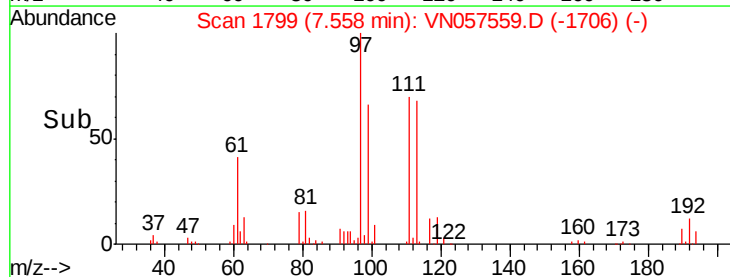
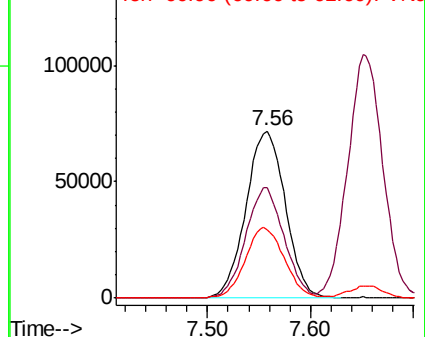
61 41.9 39.8 59.6

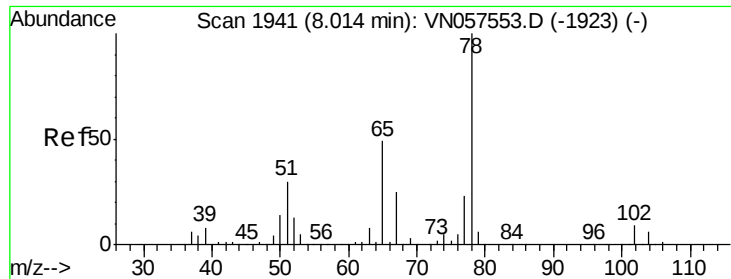


Abundance Ion 96.90 (96.60 to 97.60): VN057553.D (-1774) (-)

Ion 98.90 (98.60 to 99.60): VN057553.D (-1774) (-)

Ion 60.90 (60.60 to 61.60): VN057553.D (-1774) (-)





#33

1,2-Dichloroethane-d4

Concen: 48.039 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

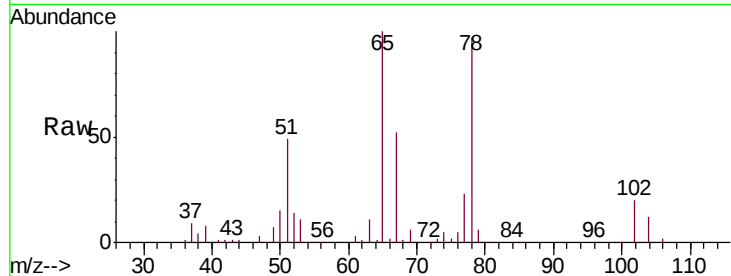
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 334129

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057553.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN057553.D (-1923) (-)

8.02

150000

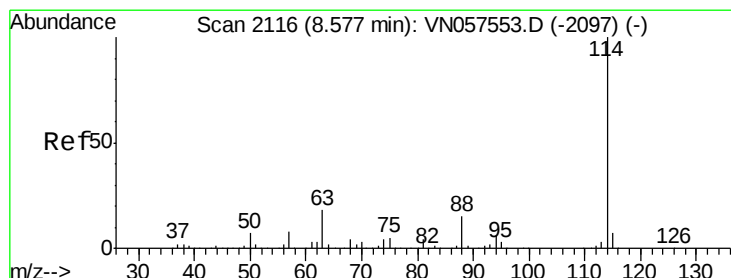
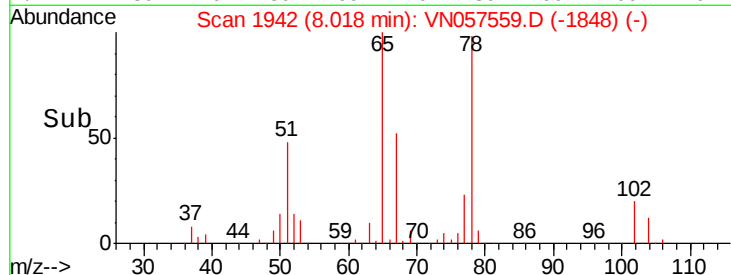
100000

50000

0

Time-->

7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

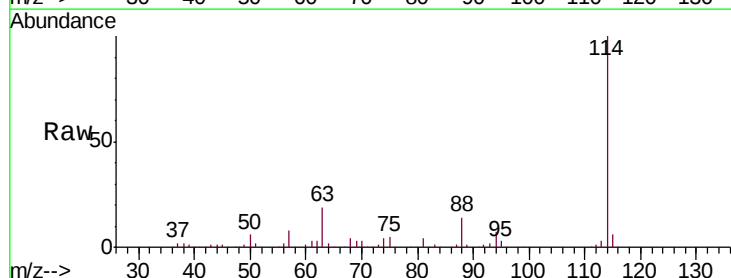
Tgt Ion: 114 Resp: 697219

Ion Ratio Lower Upper

114 100

63 18.7 0.0 50.2

88 14.1 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): VN057553.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057553.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057553.D (-2097) (-)

8.58

400000

300000

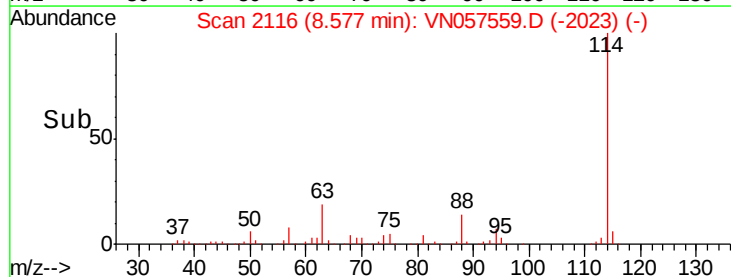
200000

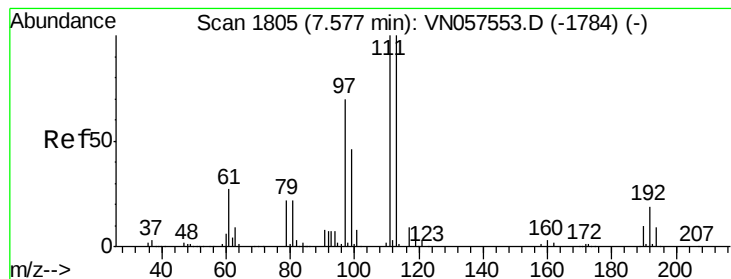
100000

0

Time-->

8.50 8.55 8.60 8.65 8.70





#35

Dibromofluoromethane

Concen: 44.831 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :
MSVOA_N
ClientSampled :

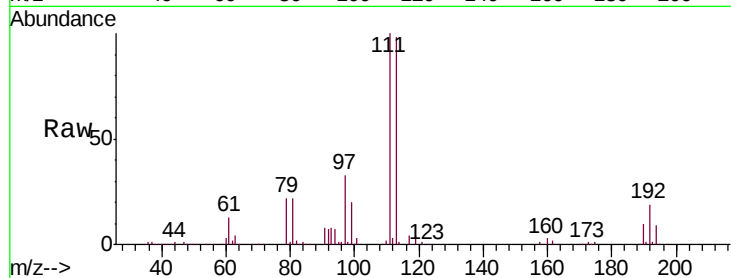
Tot Ion:113 Resp: 271331

Ion Ratio Lower Upper

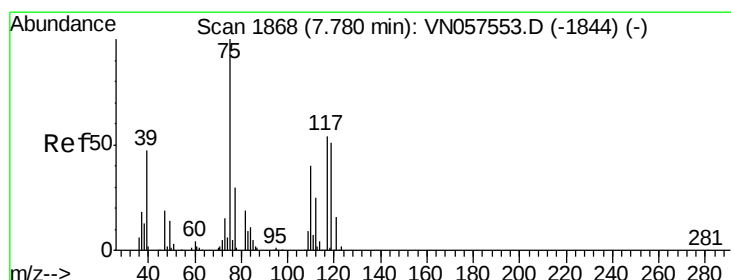
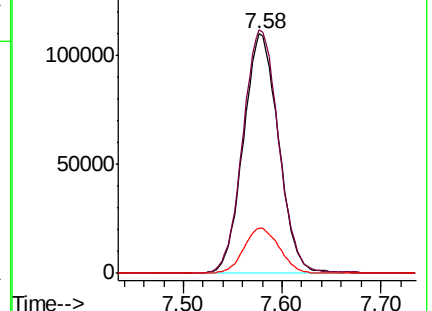
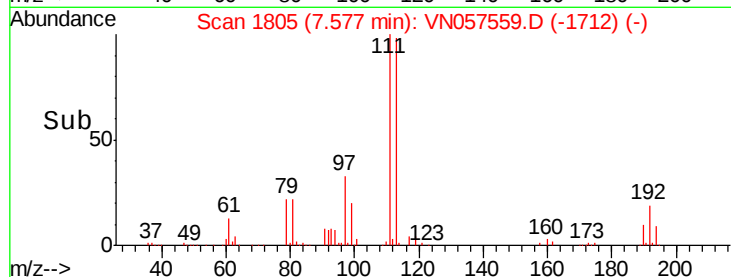
113 100

111 102.9 83.8 125.6

192 19.1 13.5 20.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.746 ug/l

RT: 7.78 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

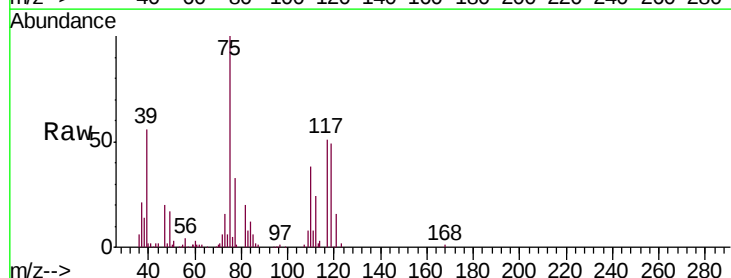
Tgt Ion: 75 Resp: 141389

Ion Ratio Lower Upper

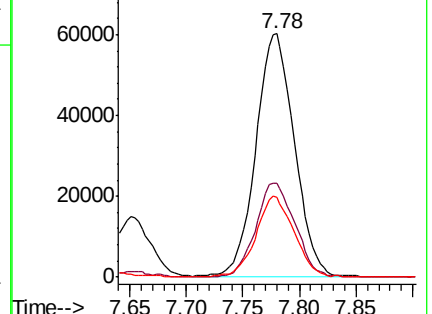
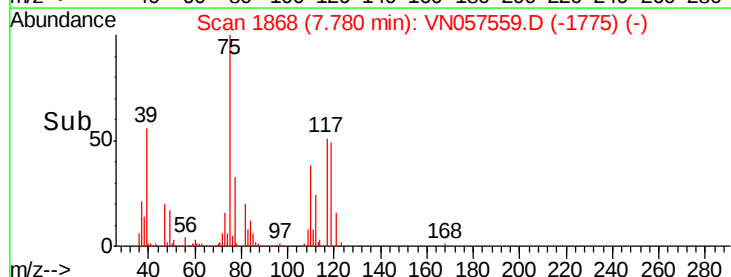
75 100

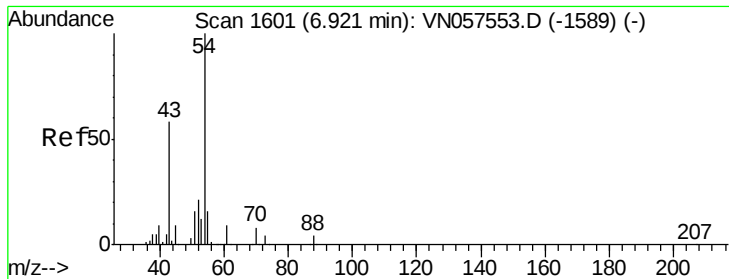
110 39.5 16.1 48.3

77 33.1 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

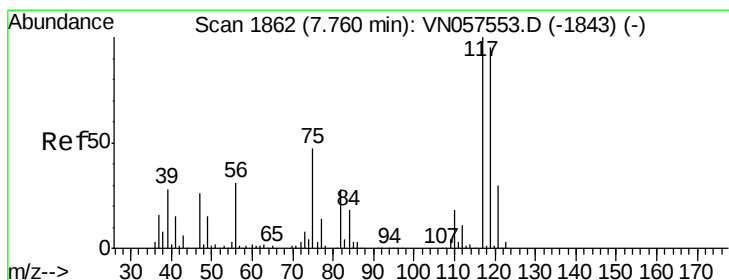
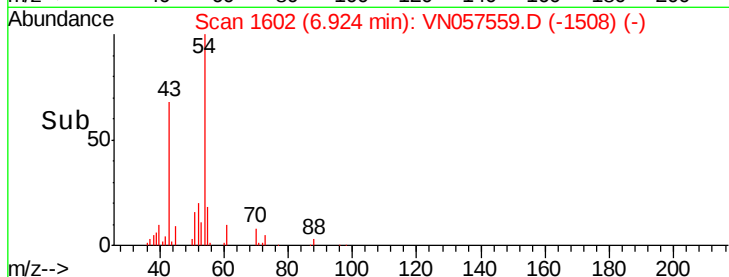
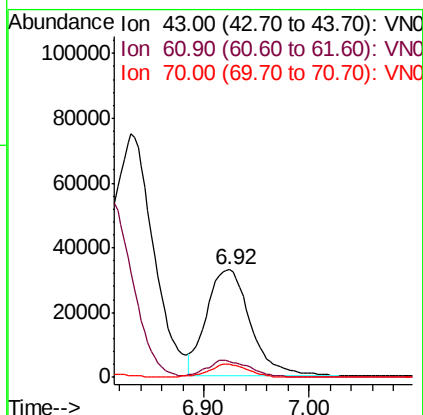
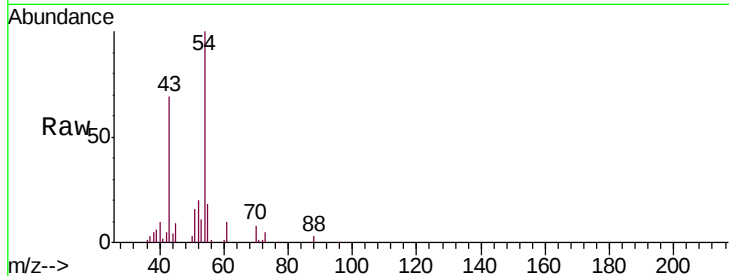




#37
Ethyl Acetate
Concen: 19.032 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

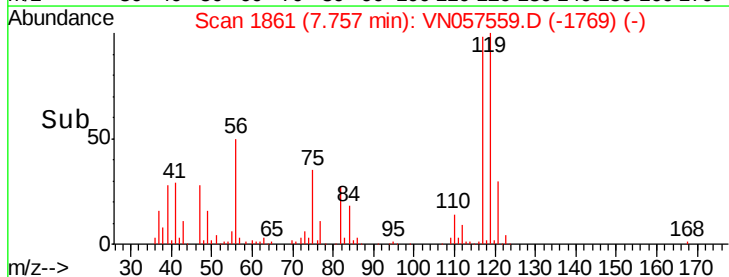
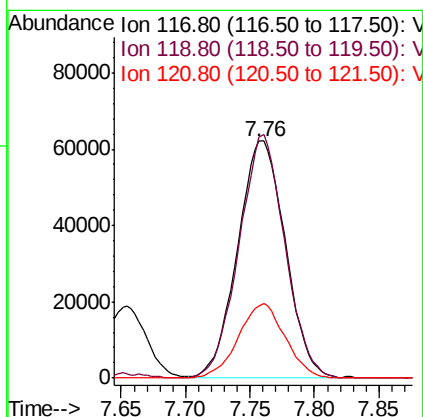
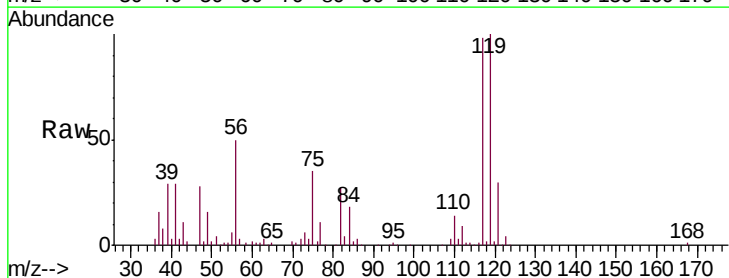
Instrument :
MSVOA_N
ClientSampled :

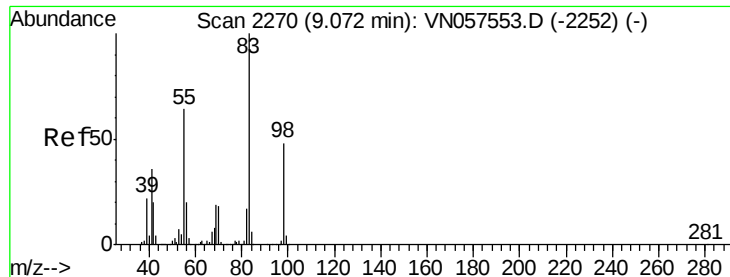
Tot Ion: 43 Resp: 95108
Ion Ratio Lower Upper
43 100
61 15.8 9.9 14.9#
70 11.3 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 18.077 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Tgt Ion: 117 Resp: 159436
Ion Ratio Lower Upper
117 100
119 101.8 76.2 114.4
121 30.8 23.8 35.6

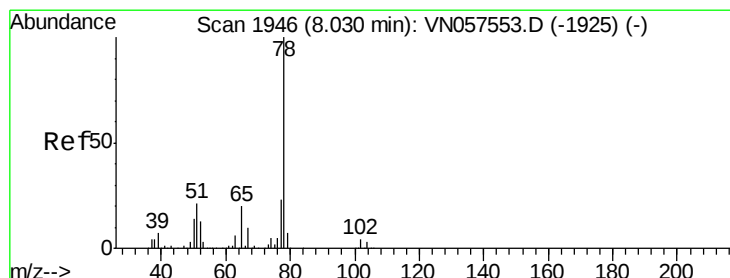
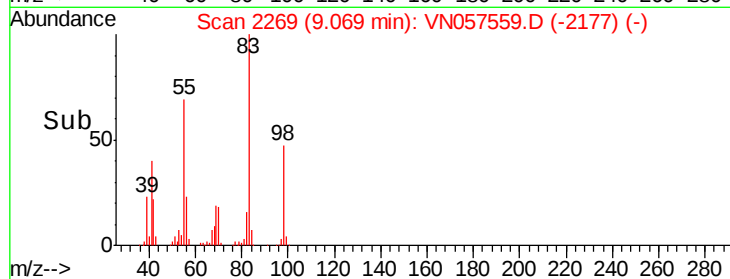
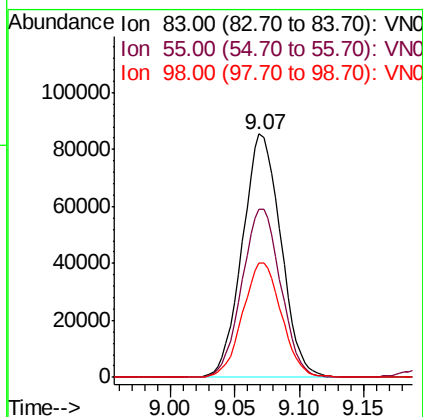
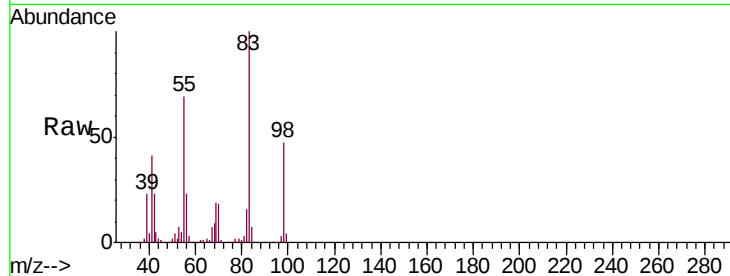




#39
Methvlcvclohexane
Concen: 18.580 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

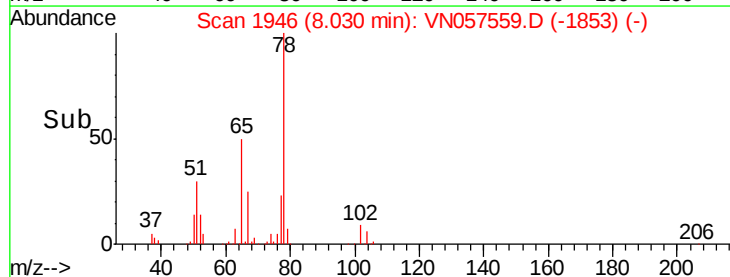
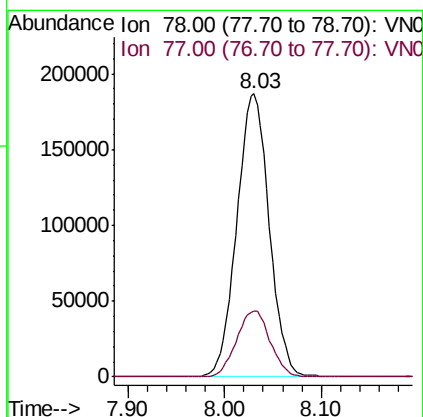
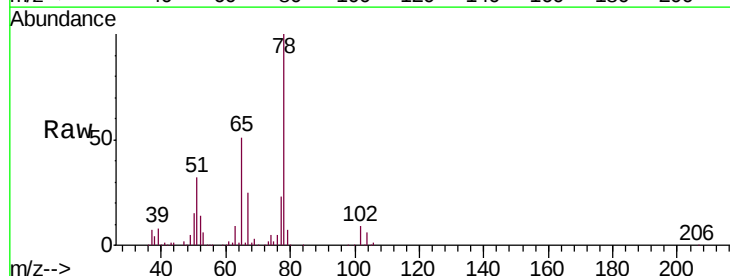
Instrument :
MSVOA_N
ClientSampled :

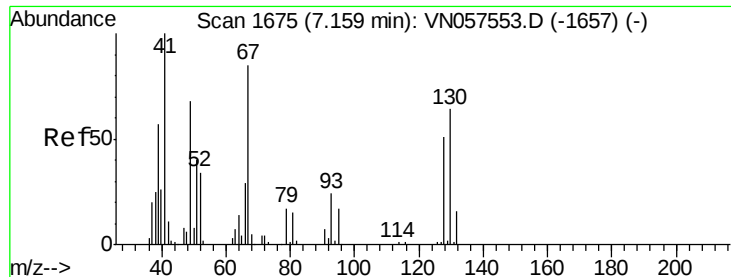
Tot Ion: 83 Resp: 178301
Ion Ratio Lower Upper
83 100
55 68.6 68.6 102.8
98 46.8 36.6 54.8



#40
Benzene
Concen: 18.804 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Tgt Ion: 78 Resp: 434322
Ion Ratio Lower Upper
78 100
77 23.4 18.5 27.7

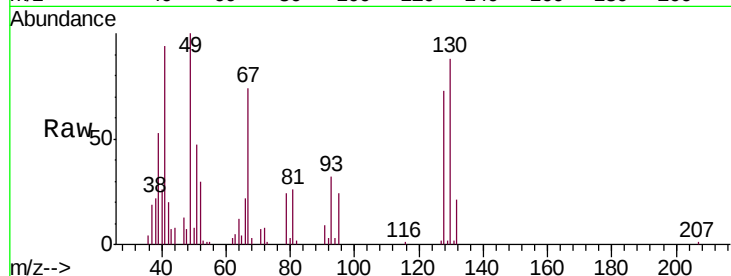




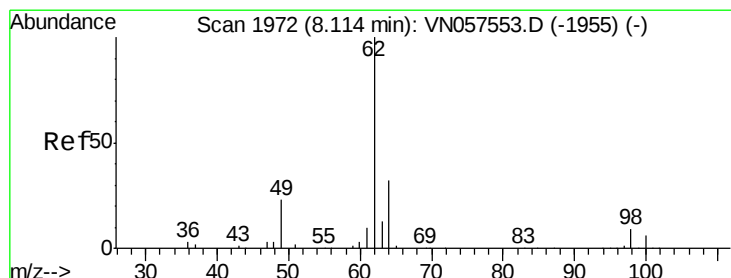
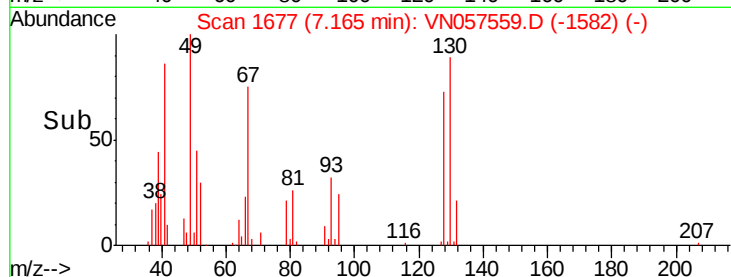
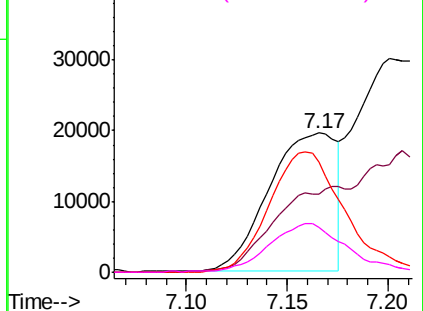
#41
Methacrylonitrile
Concen: 20.589 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	45327
Ion	Ratio	Lower	Upper
41	100		
39	68.6	53.6	80.4
67	97.9	65.4	98.2
52	37.6	29.8	44.6

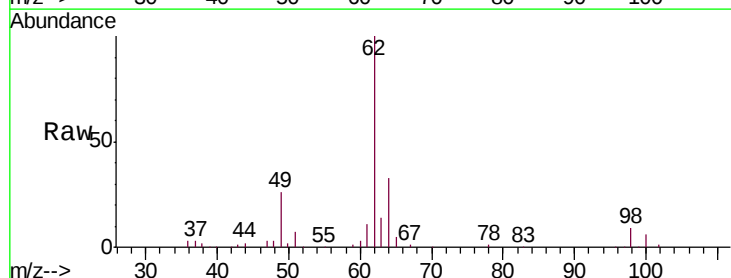


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

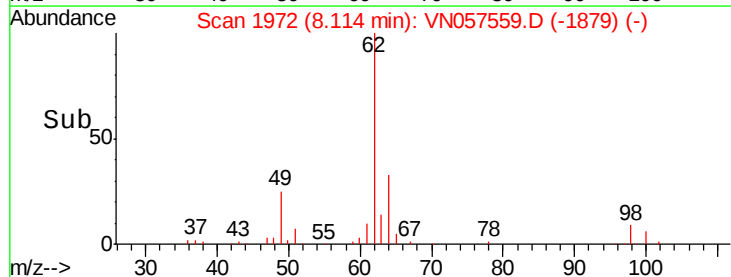
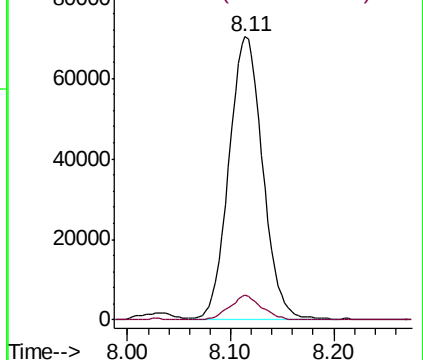


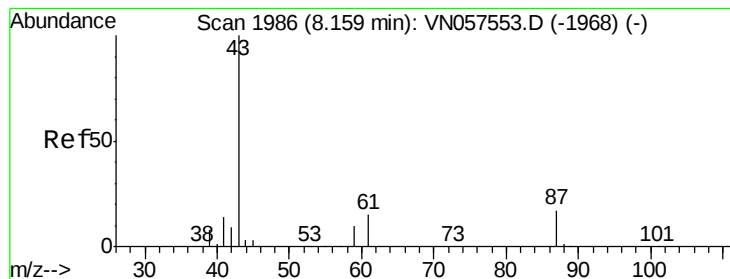
#42
1,2-Dichloroethane
Concen: 19.463 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Tgt Ion:	62	Resp:	160005
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.4



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





#43

Isopropyl Acetate

Concen: 18.868 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

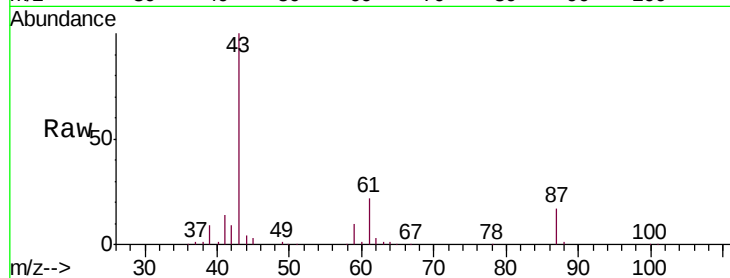
Tot Ion: 43 Resp: 175991

Ion Ratio Lower Upper

43 100

61 20.5 14.5 21.7

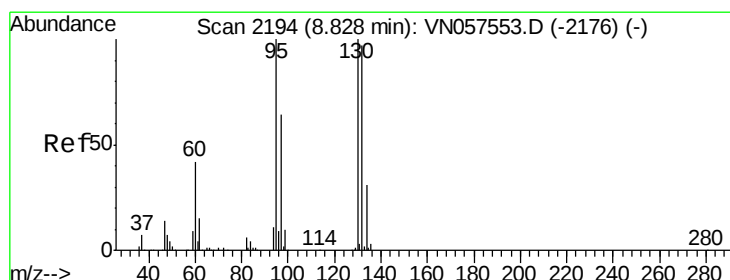
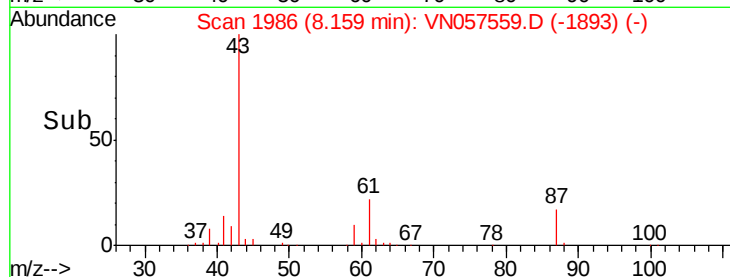
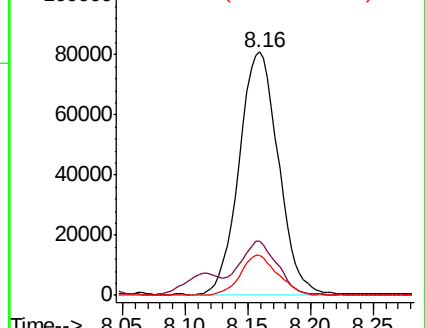
87 15.6 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VN057559.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN057559.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN057559.D (-1893) (-)



#44

Trichloroethene

Concen: 19.040 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057559.D

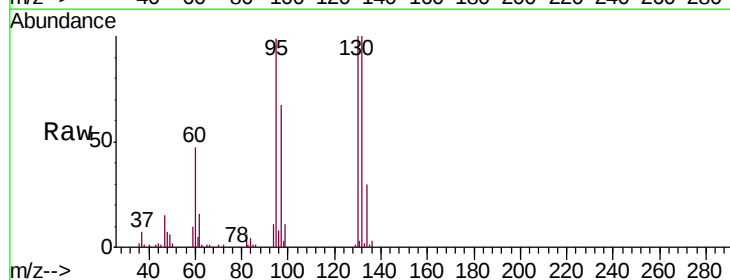
Acq: 29 Aug 2019 19:36

Tgt Ion:130 Resp: 121442

Ion Ratio Lower Upper

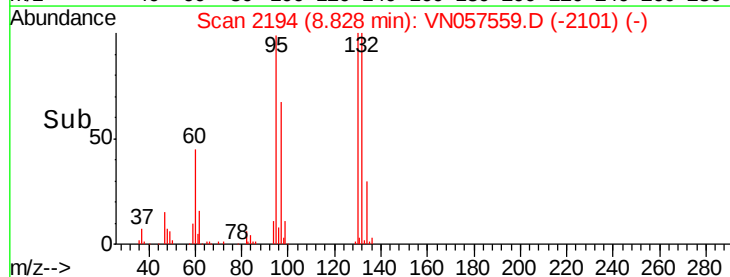
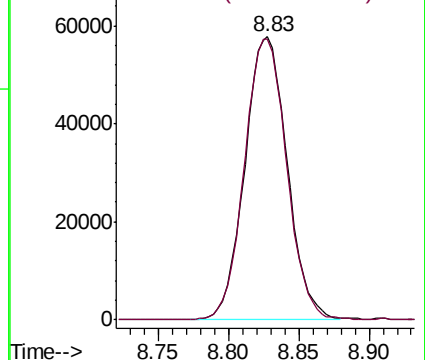
130 100

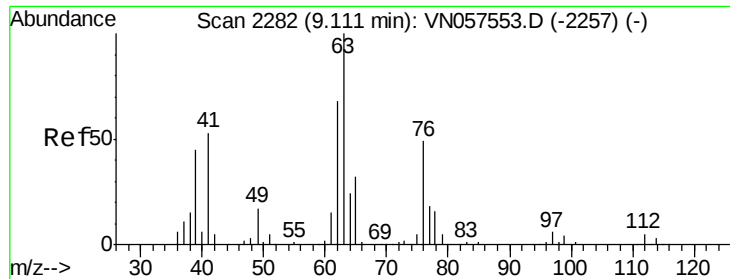
95 99.3 0.0 231.6



Abundance Ion 129.80 (129.50 to 130.50): VN057559.D (-2101) (-)

Ion 94.90 (94.60 to 95.60): VN057559.D (-2101) (-)

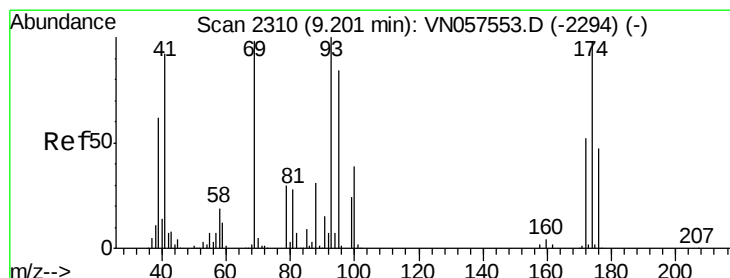
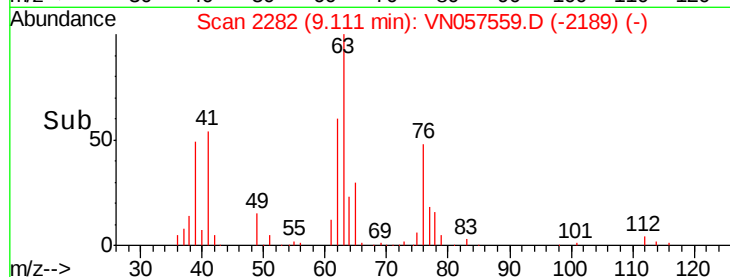
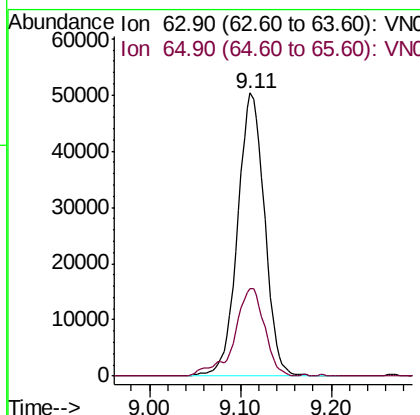
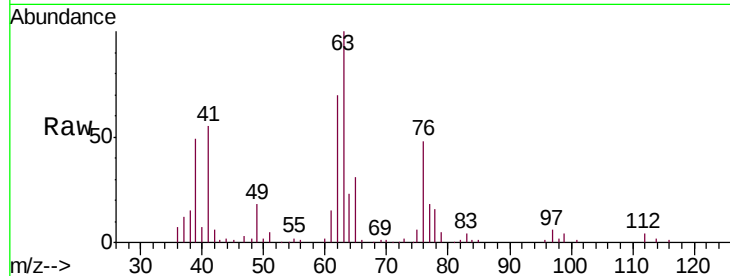




#45
 1,2-Dichloropropane
 Concen: 19.210 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057559.D
 Acq: 29 Aug 2019 19:36

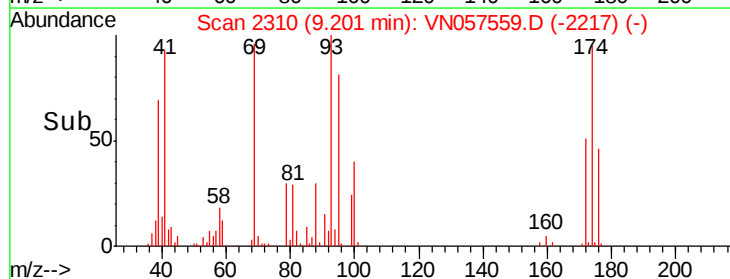
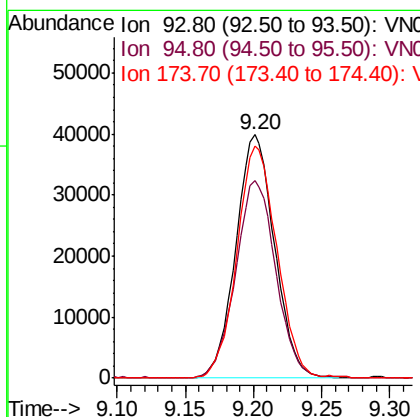
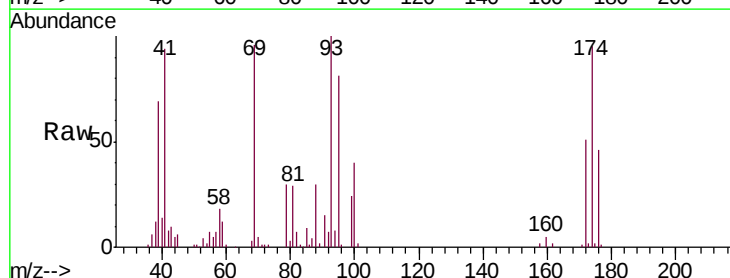
Instrument :
 MSVOA_N
 ClientSampled :

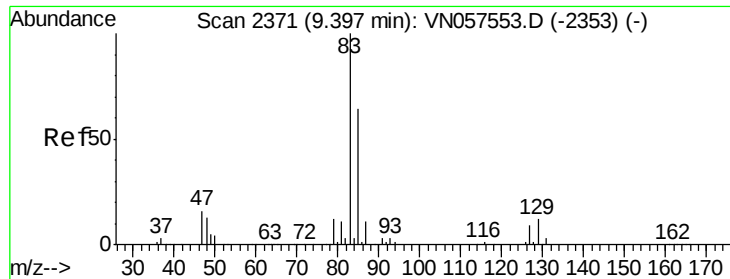
Tot Ion: 63 Resp: 103685
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.7 37.1



#46
 Dibromomethane
 Concen: 18.548 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057559.D
 Acq: 29 Aug 2019 19:36

Tgt Ion: 93 Resp: 78503
 Ion Ratio Lower Upper
 93 100
 95 84.2 64.7 97.1
 174 98.6 62.3 93.5#





#47

Bromodichloromethane

Concen: 18.715 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :
MSVOA_N
ClientSampleId :

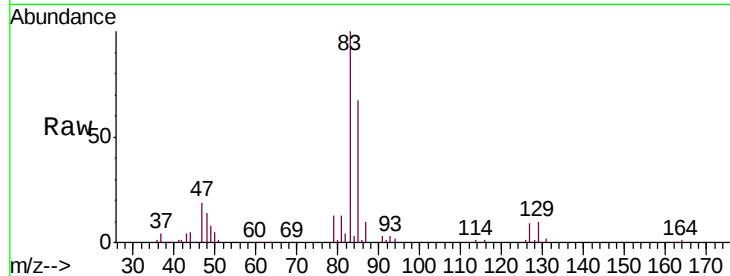
Tot Ion: 83 Resp: 163297

Ion Ratio Lower Upper

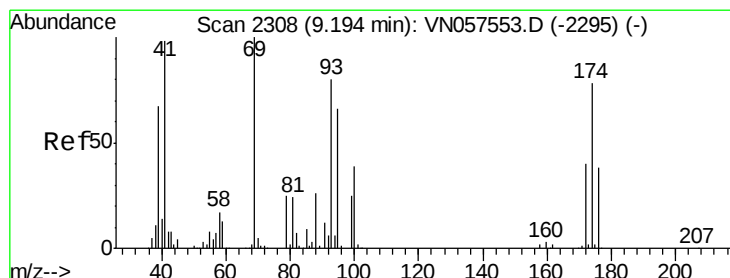
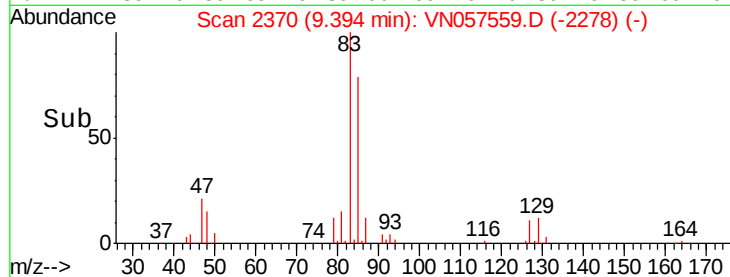
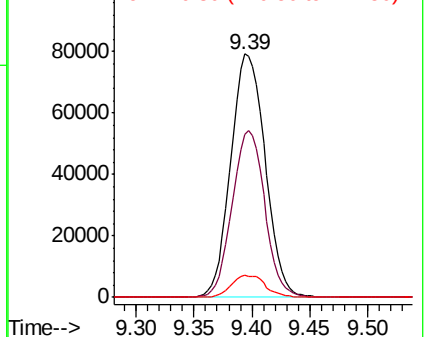
83 100

85 66.7 51.2 76.8

127 8.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 18.145 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

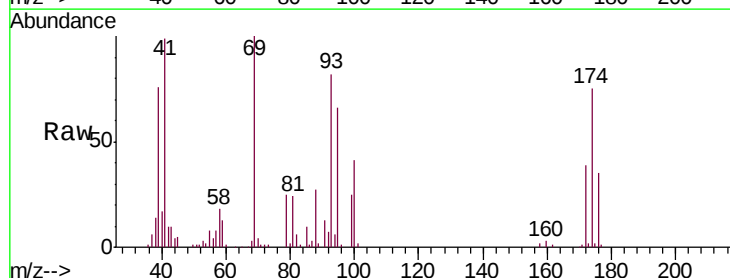
Tgt Ion: 41 Resp: 79932

Ion Ratio Lower Upper

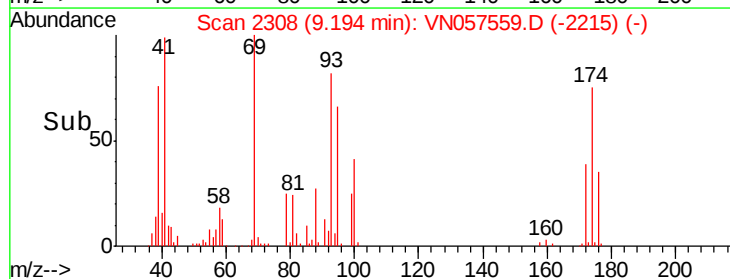
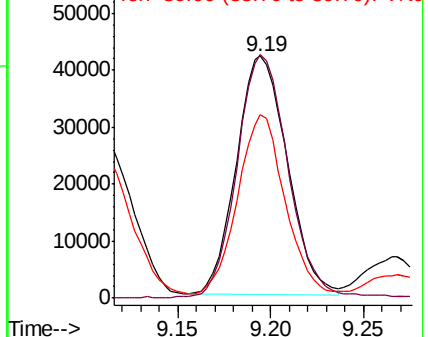
41 100

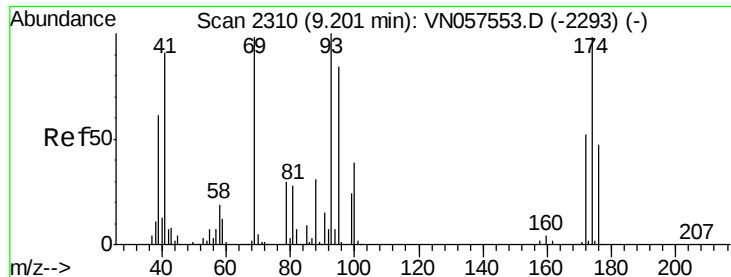
69 103.3 59.3 88.9#

39 72.7 50.6 75.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 367.709 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :
MSVOA_N
ClientSampleId :

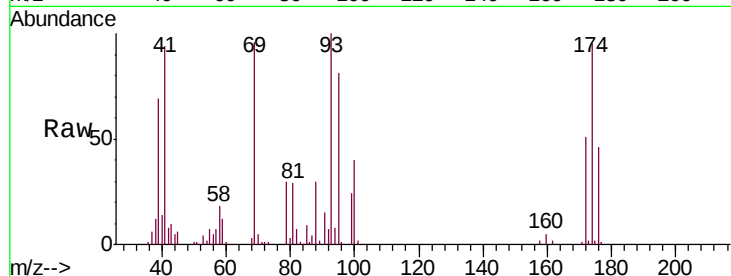
Tot Ion: 88 Resp: 29561

Ion Ratio Lower Upper

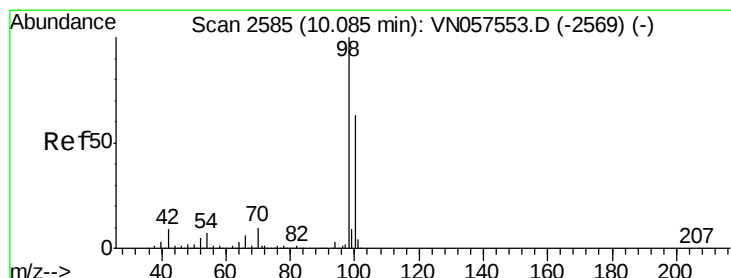
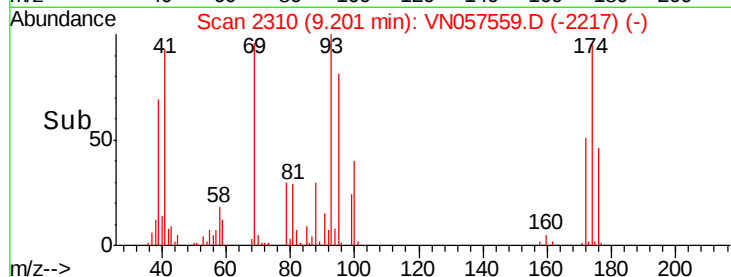
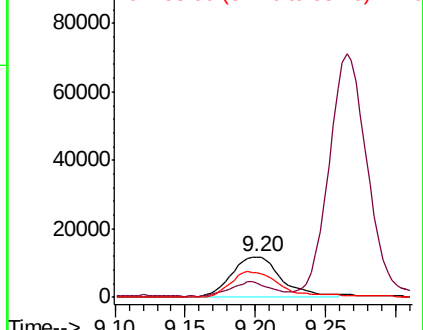
88 100

43 28.2 31.0 46.6#

58 61.5 64.5 96.7#



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



#50

Toluene-d8

Concen: 47.900 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057559.D

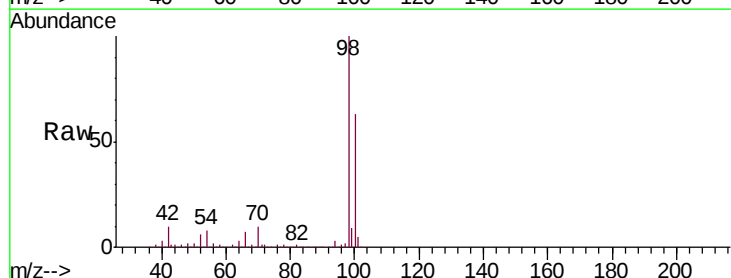
Acq: 29 Aug 2019 19:36

Tgt Ion: 98 Resp: 1059548

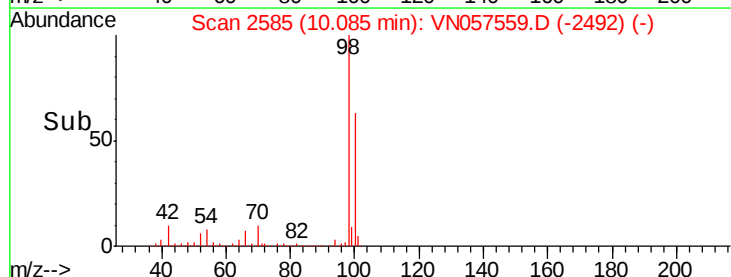
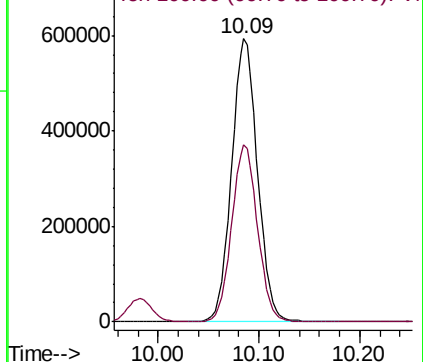
Ion Ratio Lower Upper

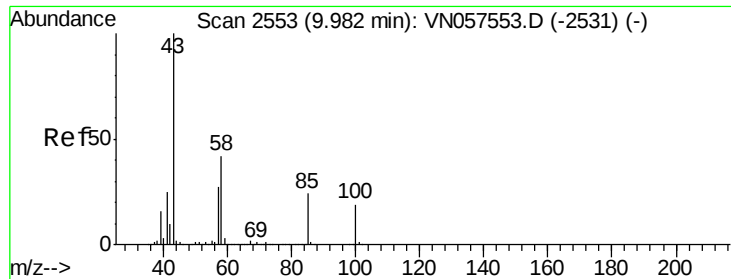
98 100

100 62.2 50.4 75.6



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





#51

4-Methyl-2-Pentanone

Concen: 96.510 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

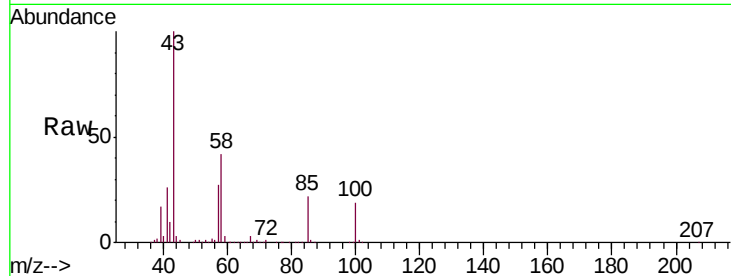
ClientSampled :

Tot Ion: 43 Resp: 481109

Ion Ratio Lower Upper

43 100

58 42.1 27.9 41.9#



Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN057553.D (-2531) (-)

9.98

250000

200000

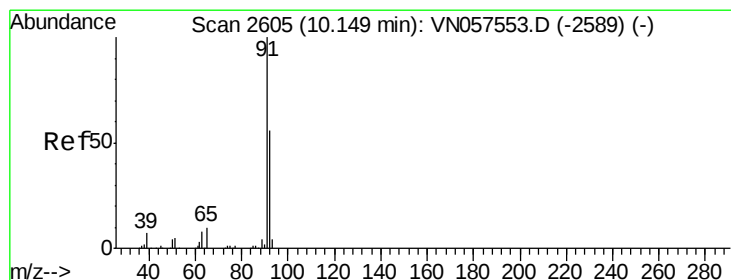
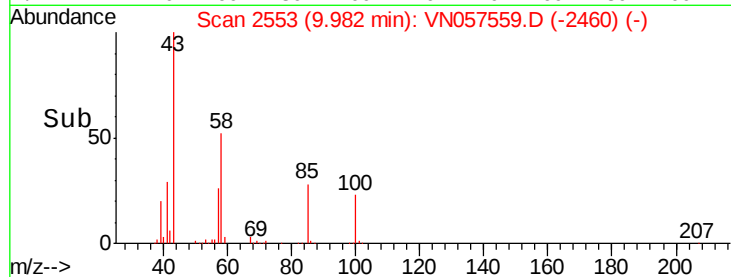
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.158 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057559.D

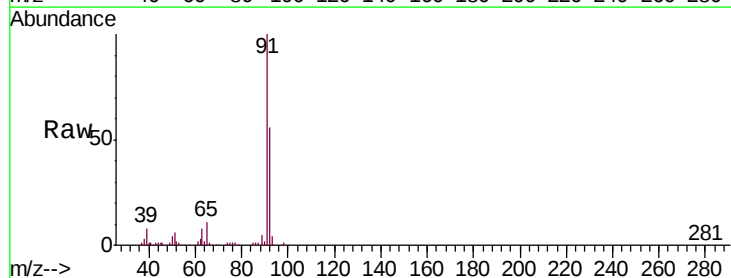
Acq: 29 Aug 2019 19:36

Tgt Ion: 92 Resp: 286681

Ion Ratio Lower Upper

92 100

91 177.6 140.9 211.3



Abundance Ion 92.00 (91.70 to 92.70): VN057553.D (-2589) (-)

Ion 91.00 (90.70 to 91.70): VN057553.D (-2589) (-)

10.15

250000

200000

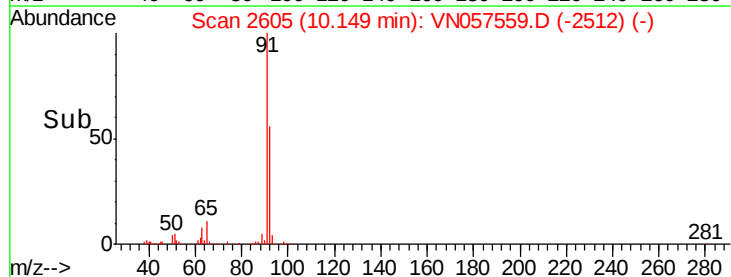
150000

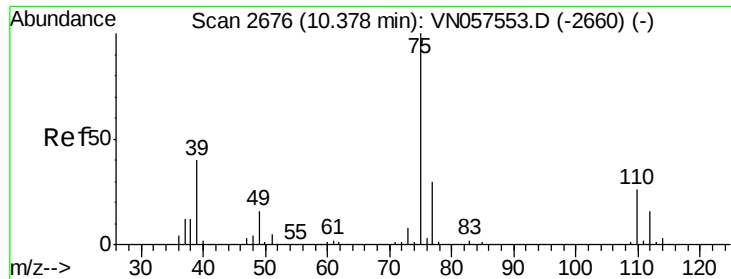
100000

50000

0

Time-->

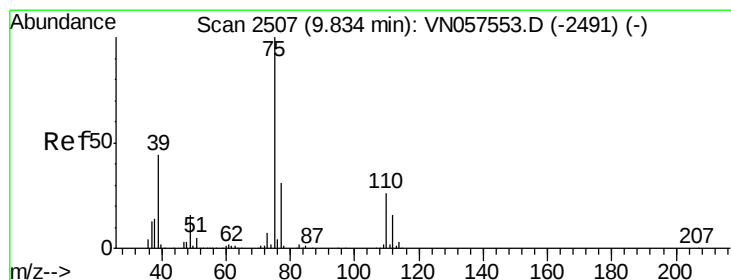
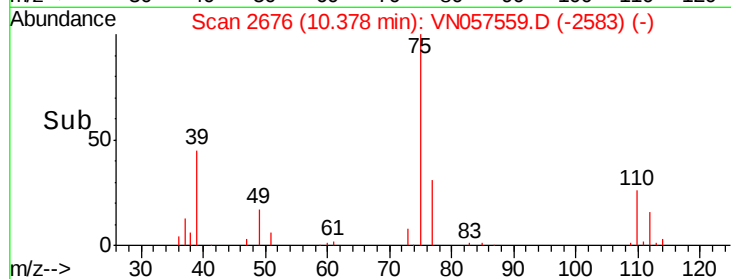
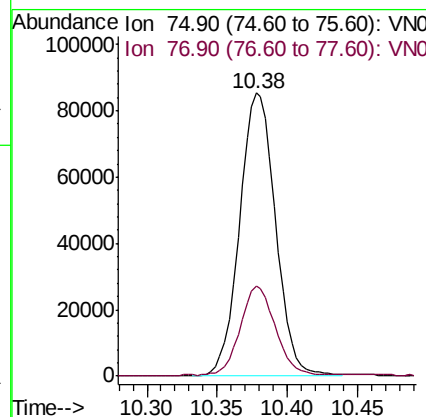
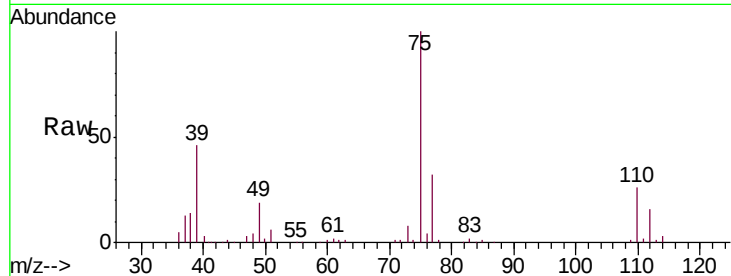




#53
t-1,3-Dichloropropene
Concen: 18.082 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

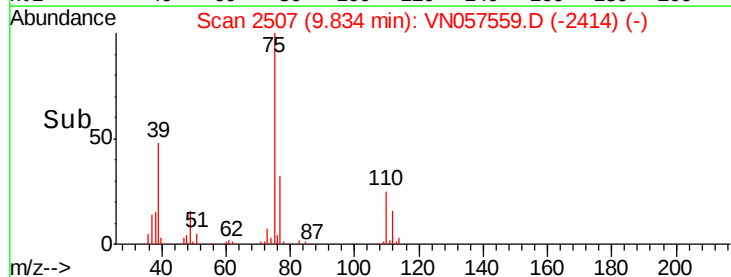
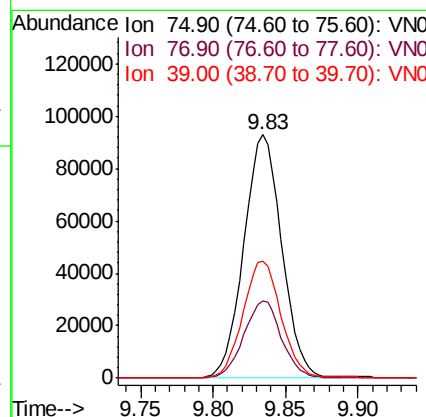
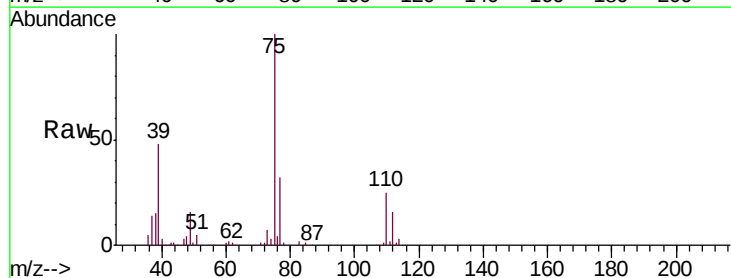
Instrument :
MSVOA_N
ClientSampleId :

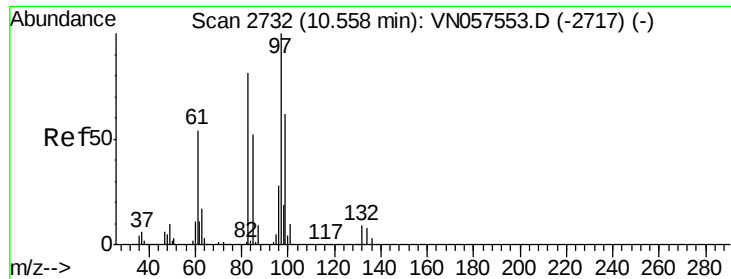
Tot Ion: 75 Resp: 152476
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 18.542 ug/l
RT: 9.83 min Scan# 2507
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Tgt Ion: 75 Resp: 169345
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6
39 48.0 49.2 73.8#





#55

1,1,2-Trichloroethane

Concen: 19.338 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 111297

Ion	Ratio	Lower	Upper
97	100		
83	84.0	73.7	110.5
85	54.8	46.8	70.2
99	58.0	49.8	74.8

Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

Time-->

10.56

80000

60000

40000

20000

0

10.50 10.55 10.60

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

10.56

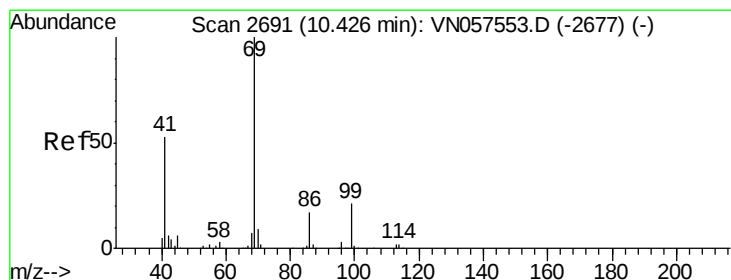
10.56

10.56

10.56

10.56

10.56



#56

Ethyl methacrylate

Concen: 18.701 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Tgt Ion: 69 Resp: 143261

Ion	Ratio	Lower	Upper
69	100		
41	56.2	60.8	91.2#
39	40.1	36.5	54.7

Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Time-->

10.43

120000

100000

80000

60000

40000

20000

0

10.35 10.40 10.45 10.50

10.43

10.43

10.43

10.43

10.43

10.43

10.43

10.43

10.43

10.43

10.43

10.43

10.43

10.43

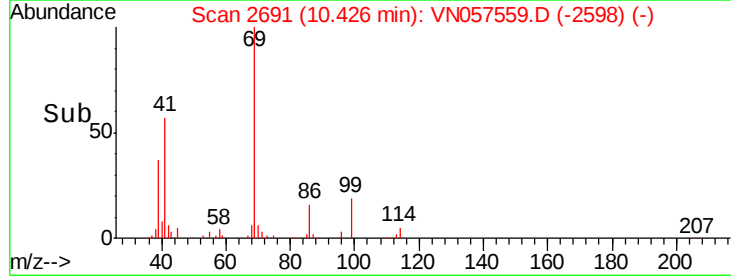
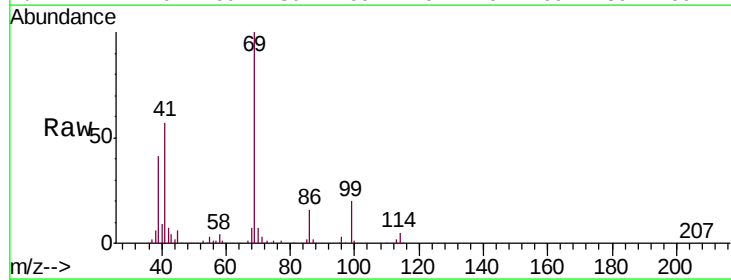
10.43

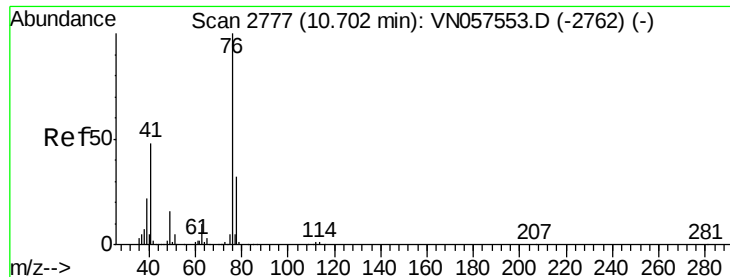
10.43

10.43

10.43

10.43





#57

1,3-Dichloropropane

Concen: 19.108 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

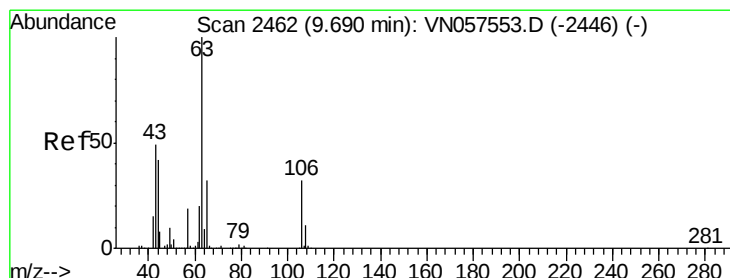
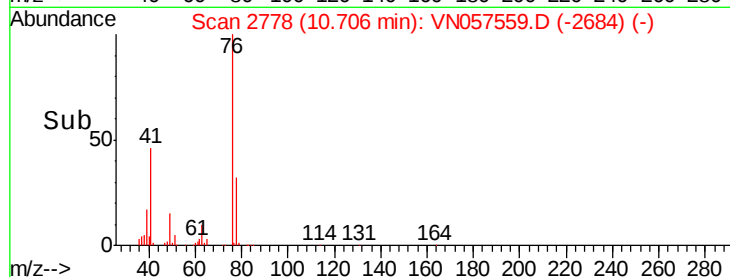
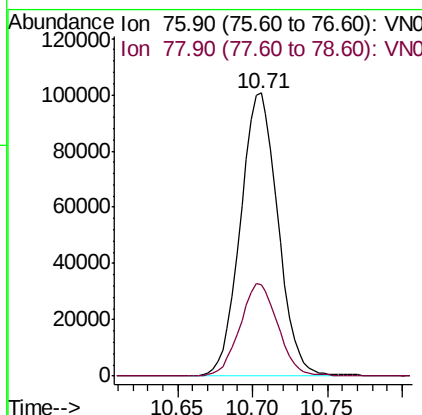
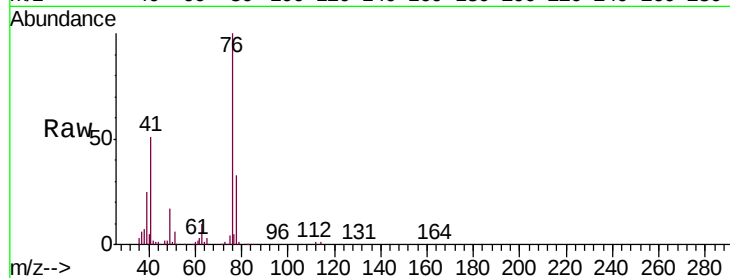
ClientSampled :

Tot Ion: 76 Resp: 175676

Ion Ratio Lower Upper

76 100

78 33.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 100.780 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057559.D

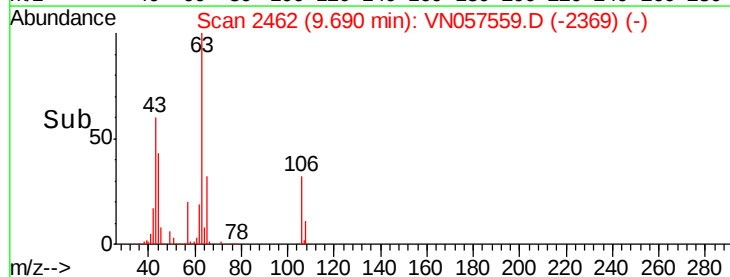
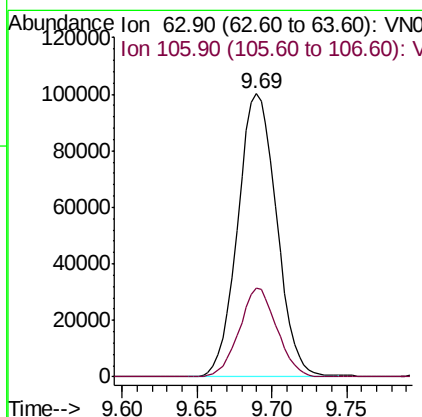
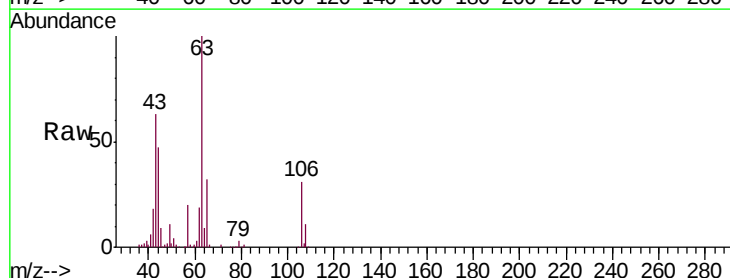
Acq: 29 Aug 2019 19:36

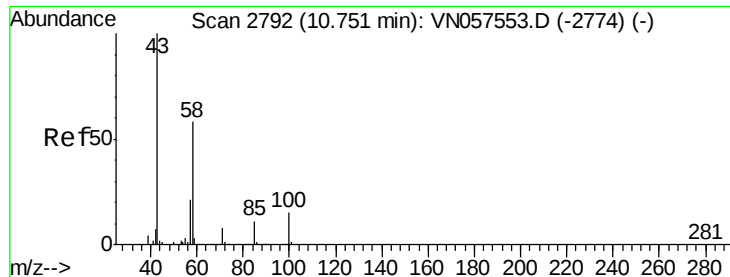
Tgt Ion: 63 Resp: 181127

Ion Ratio Lower Upper

63 100

106 30.4 18.6 27.8#

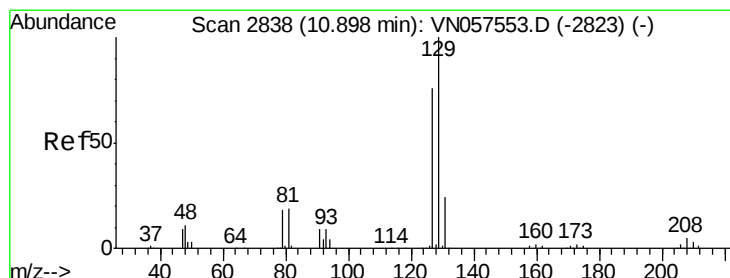
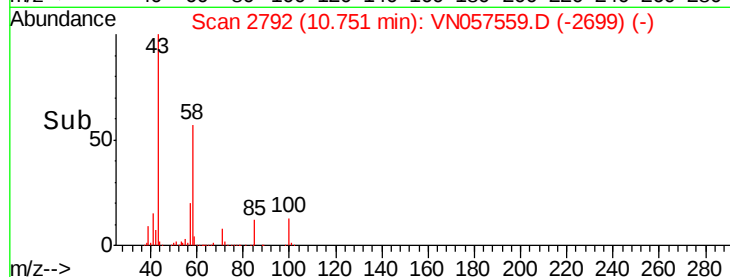
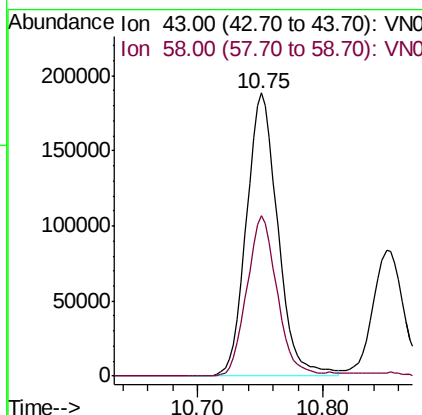
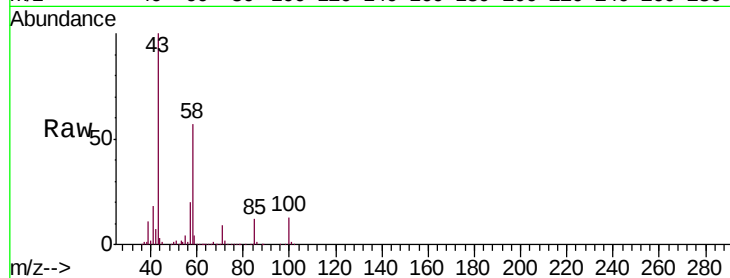




#59
2-Hexanone
Concen: 95.181 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

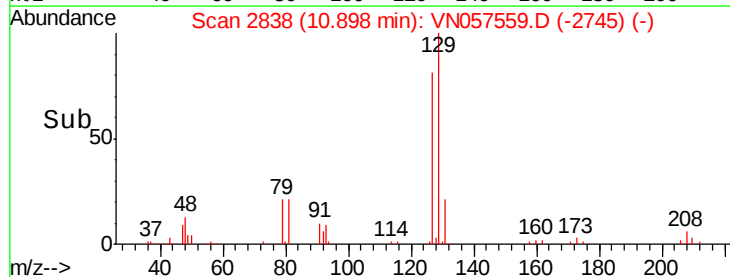
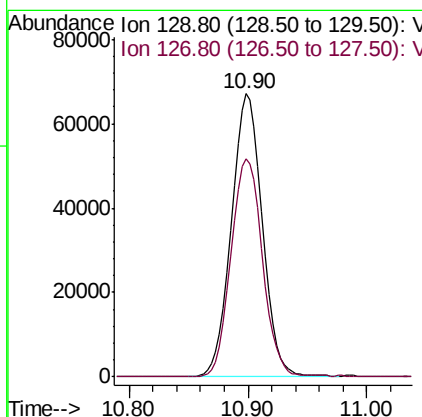
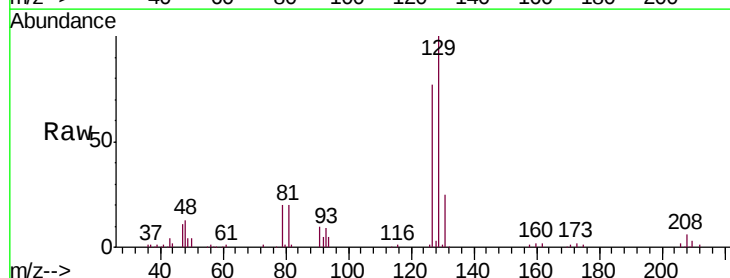
Instrument :
MSVOA_N
ClientSampled :

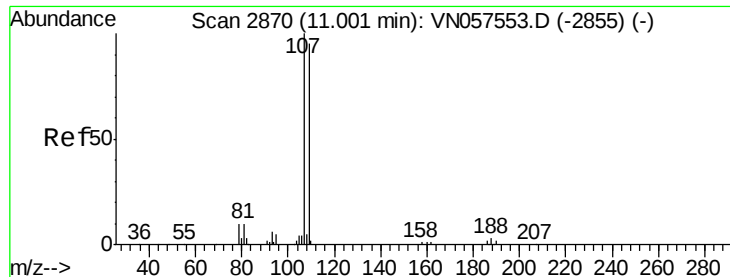
Tot Ion: 43 Resp: 327591
Ion Ratio Lower Upper
43 100
58 54.9 24.6 73.6



#60
Dibromochloromethane
Concen: 18.411 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Tgt Ion: 129 Resp: 120867
Ion Ratio Lower Upper
129 100
127 78.4 39.0 116.9





#61

1,2-Dibromoethane

Concen: 19.000 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

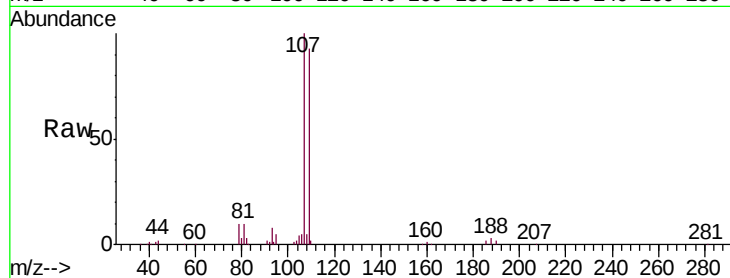
ClientSampleId :

Tot Ion:107 Resp: 114430

Ion Ratio Lower Upper

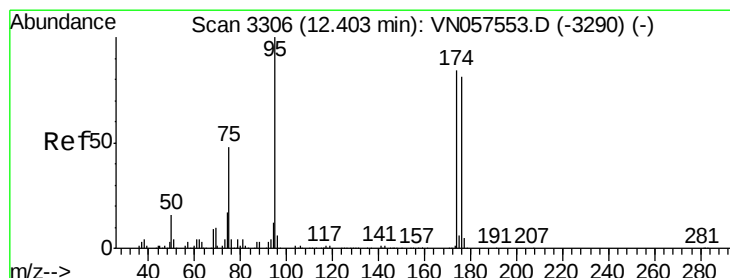
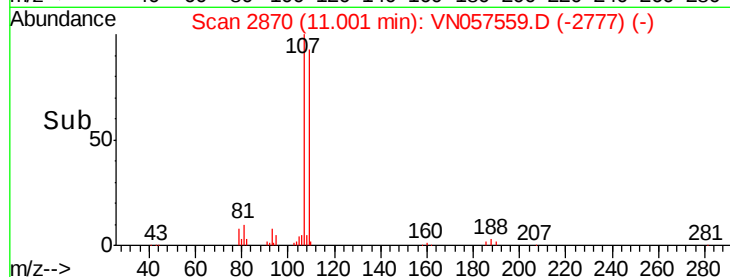
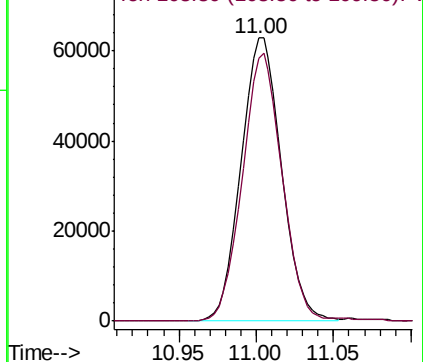
107 100

109 92.6 73.8 110.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.930 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

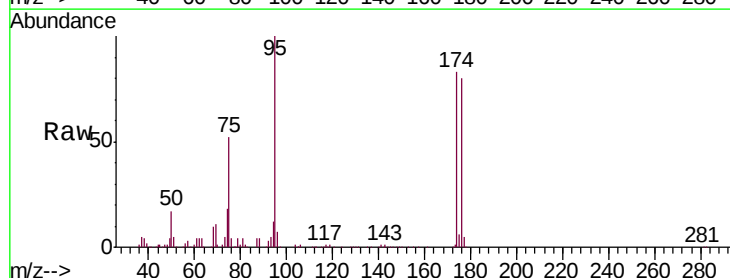
Tgt Ion: 95 Resp: 328806

Ion Ratio Lower Upper

95 100

174 81.4 0.0 133.0

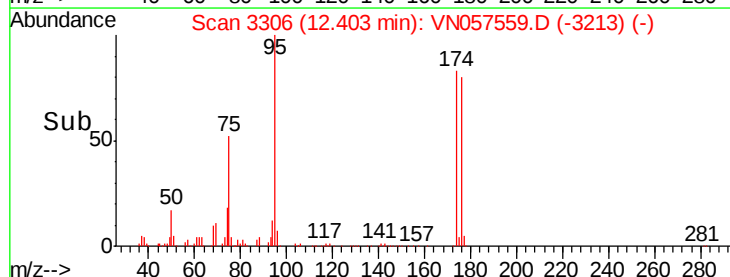
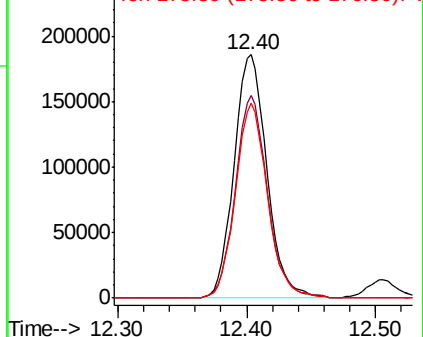
176 78.2 0.0 130.8

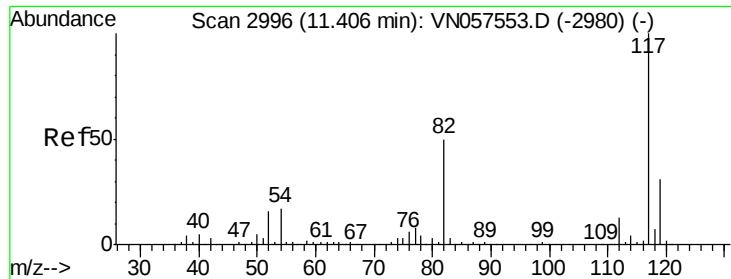


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

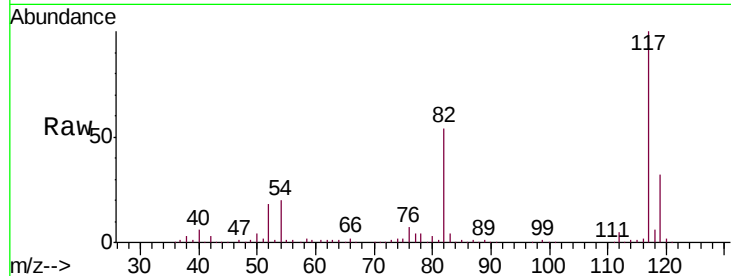




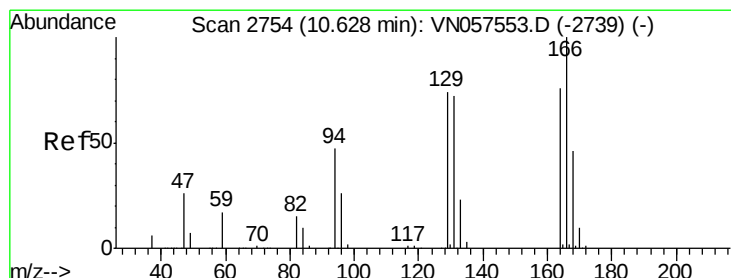
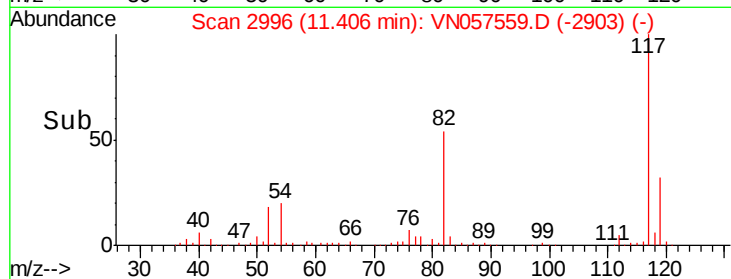
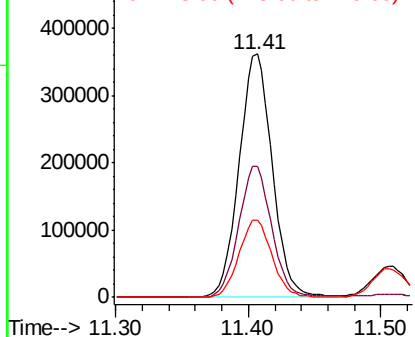
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 629167
Ion Ratio Lower Upper
117 100
82 53.8 50.6 75.8
119 31.8 24.6 36.8

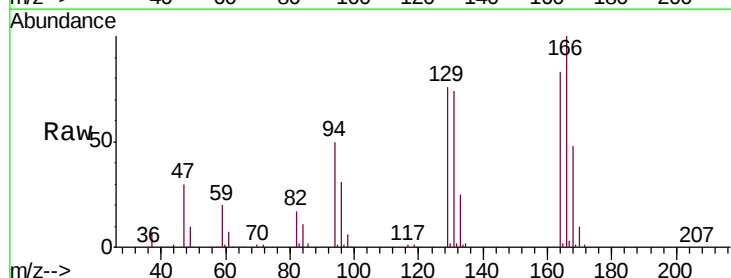


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

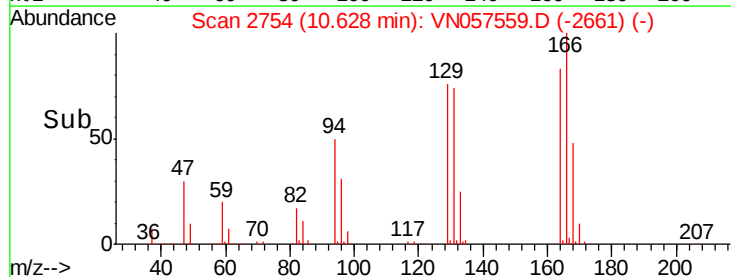
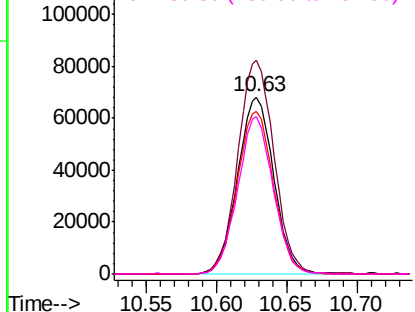


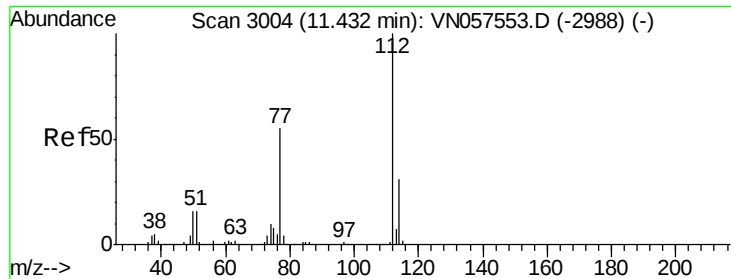
#64
Tetrachloroethene
Concen: 18.996 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Tgt Ion:164 Resp: 122752
Ion Ratio Lower Upper
164 100
166 120.5 104.4 156.6
129 91.8 86.6 130.0
131 88.7 77.6 116.4



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

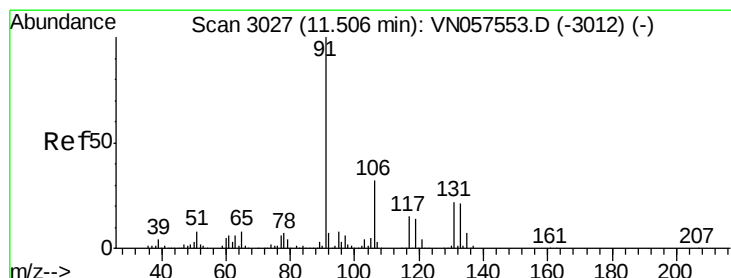
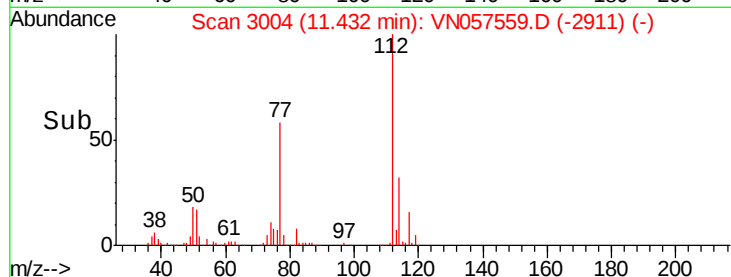
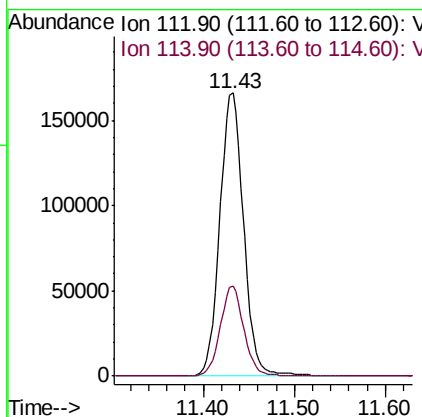
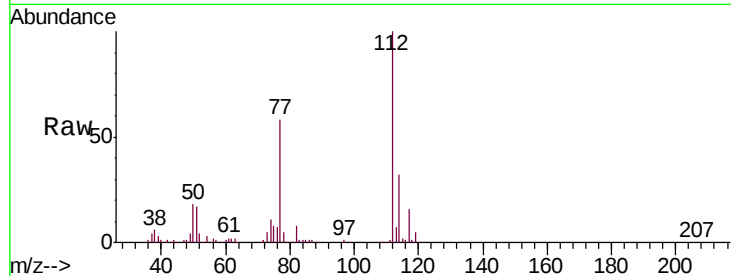




#65
Chlorobenzene
Concen: 19.081 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

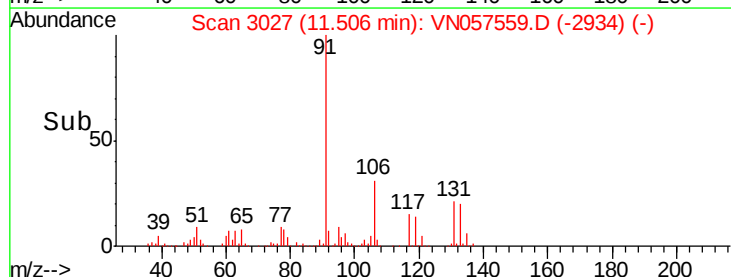
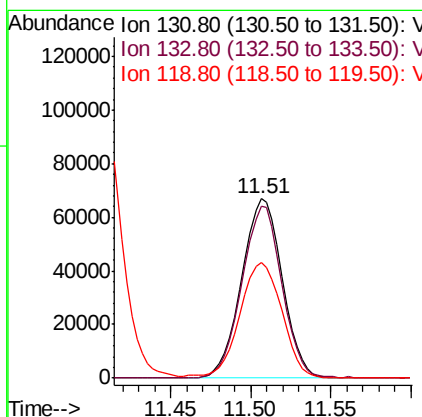
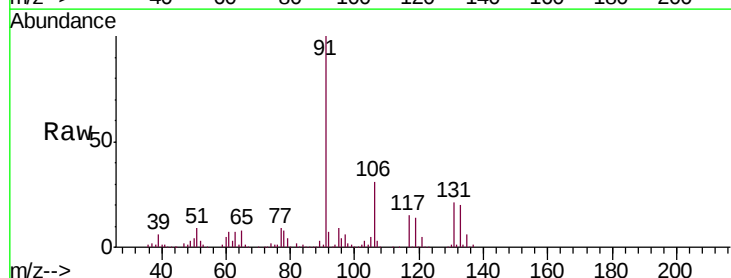
Instrument :
MSVOA_N
ClientSampled :

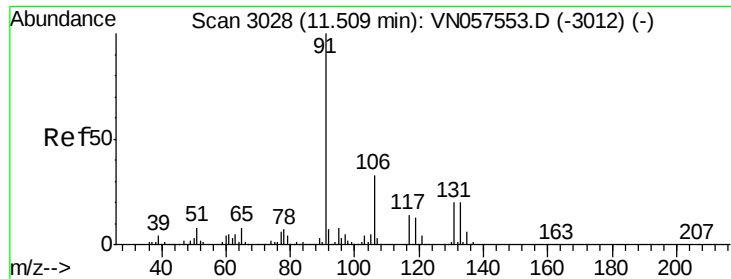
Tot Ion:112 Resp: 301327
Ion Ratio Lower Upper
112 100
114 31.8 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.605 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Tgt Ion:131 Resp: 115877
Ion Ratio Lower Upper
131 100
133 94.6 47.6 142.8
119 67.3 34.4 103.2

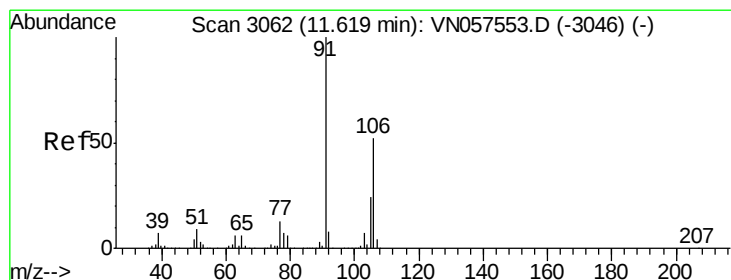
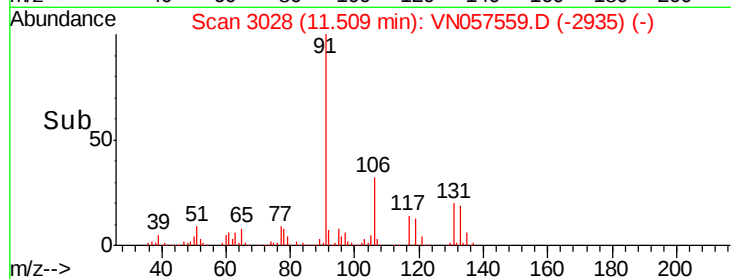
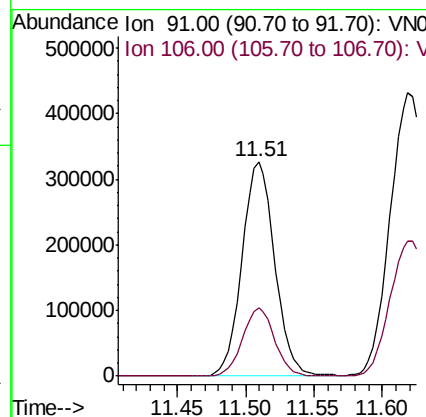
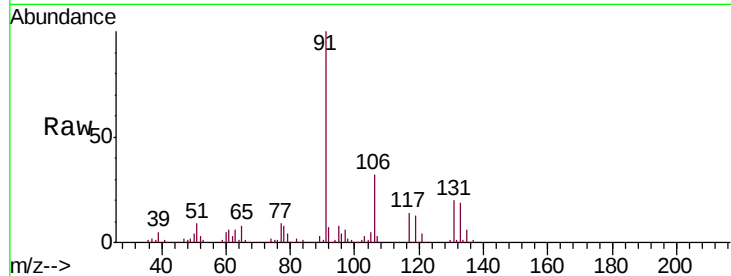




#67
Ethyl Benzene
Concen: 19.639 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

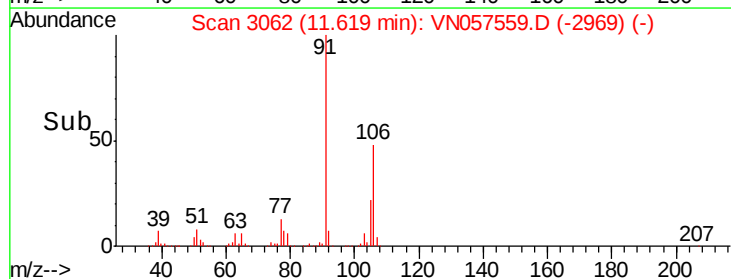
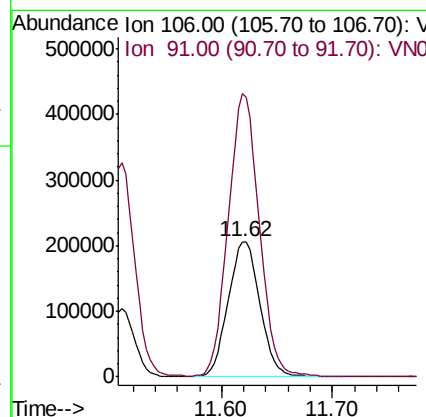
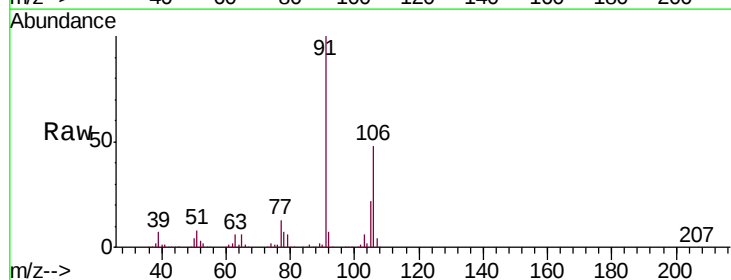
Instrument :
MSVOA_N
ClientSampled :

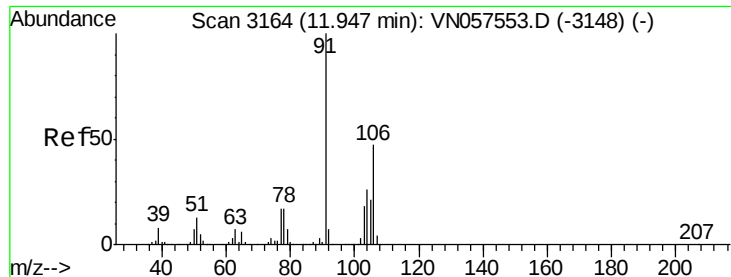
Tot Ion: 91 Resp: 544644
Ion Ratio Lower Upper
91 100
106 31.6 24.1 36.1



#68
m/p-Xylenes
Concen: 38.916 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Tgt Ion: 106 Resp: 411049
Ion Ratio Lower Upper
106 100
91 205.3 171.8 257.6

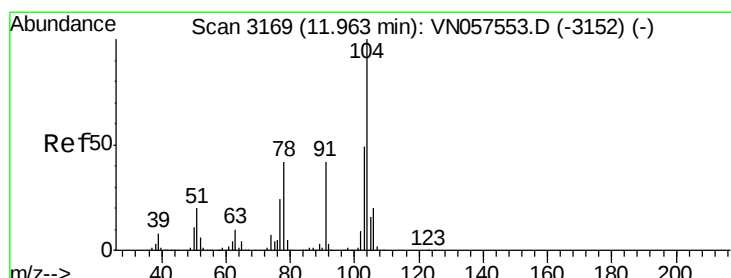
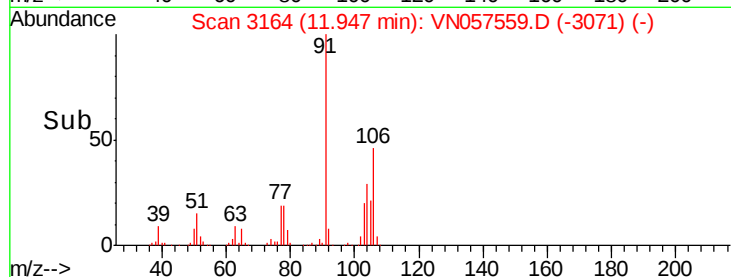
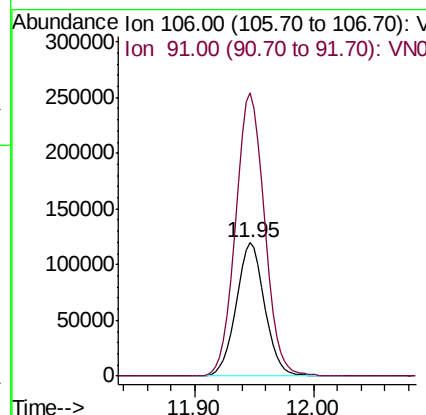
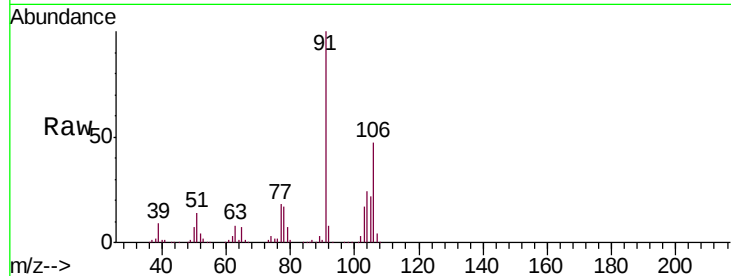




#69
o-Xylene
Concen: 18.800 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

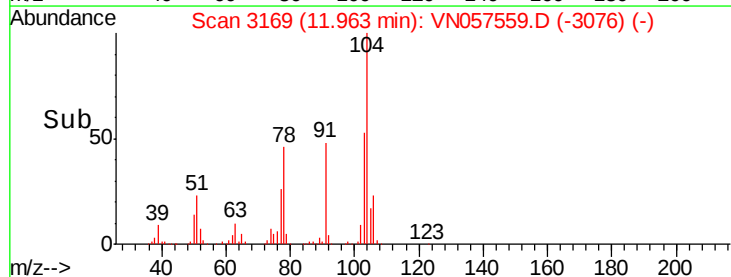
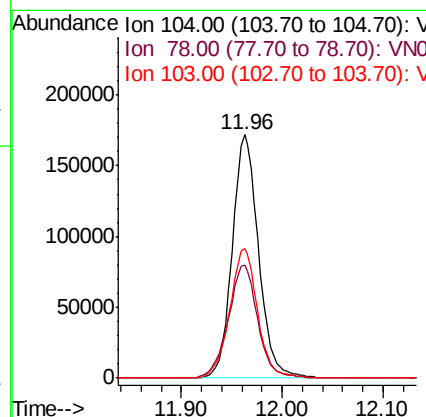
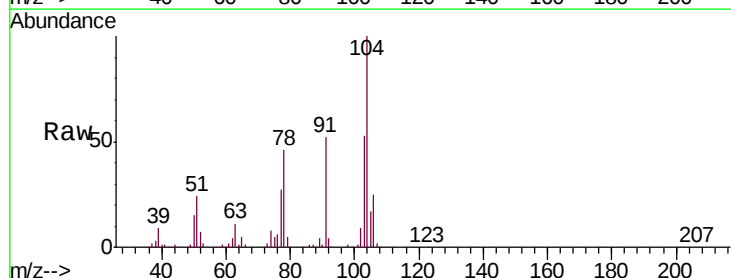
Instrument :
MSVOA_N
ClientSampled :

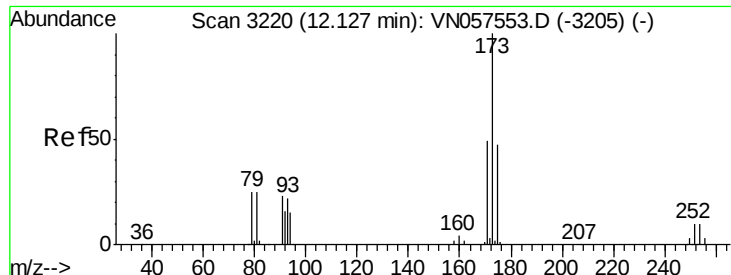
Tot Ion:106 Resp: 199410
Ion Ratio Lower Upper
106 100
91 215.8 112.3 336.9



#70
Styrene
Concen: 19.529 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Tgt Ion:104 Resp: 312664
Ion Ratio Lower Upper
104 100
78 52.0 44.7 67.1
103 56.8 44.4 66.6

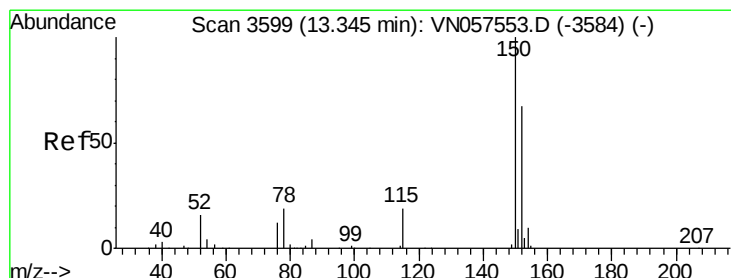
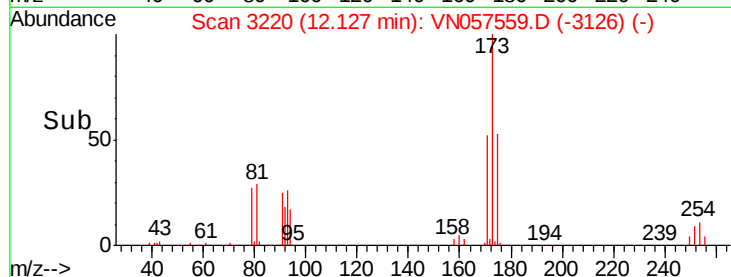
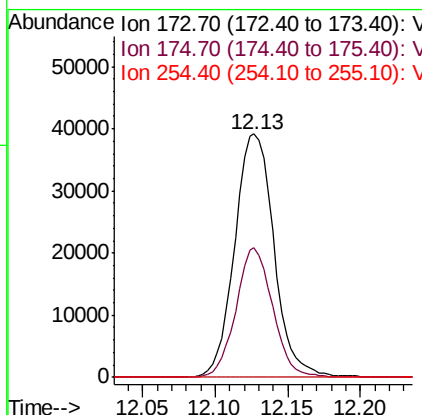
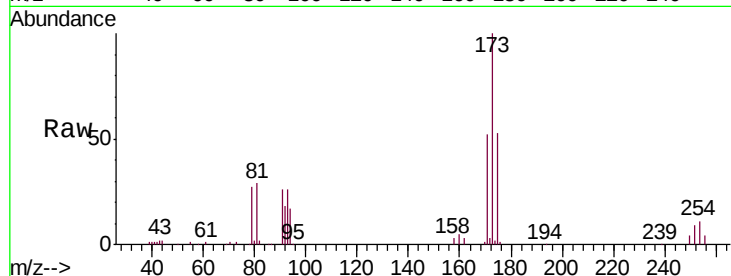




#71
Bromoform
Concen: 17.783 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

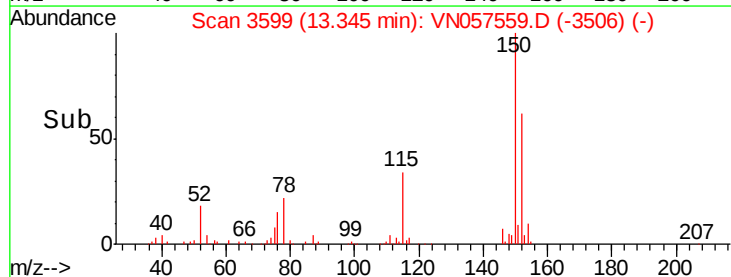
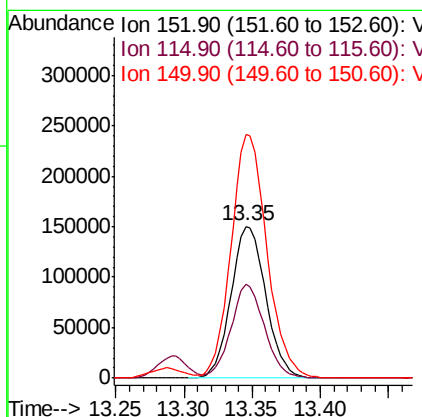
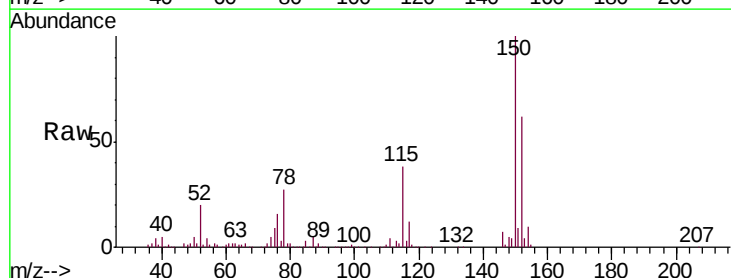
Instrument :
MSVOA_N
ClientSampled :

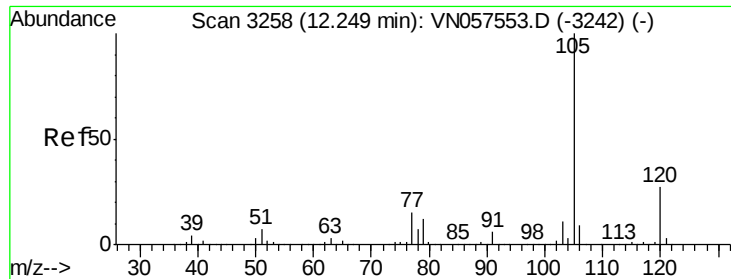
Tot Ion:173 Resp: 73932
Ion Ratio Lower Upper
173 100
175 49.5 23.9 71.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Tgt Ion:152 Resp: 265994
Ion Ratio Lower Upper
152 100
115 59.4 32.0 96.0
150 165.3 0.0 346.6

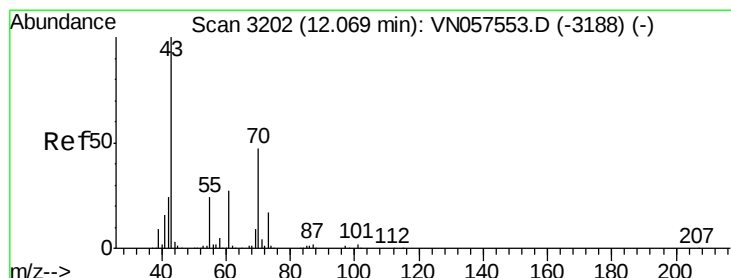
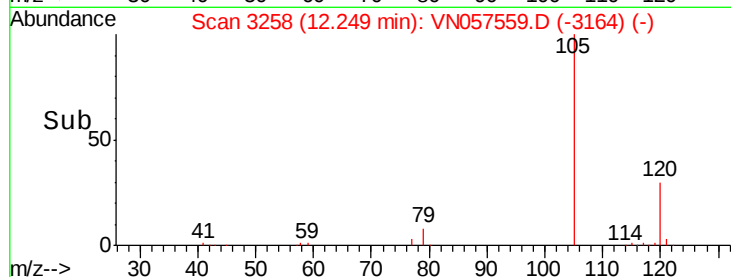
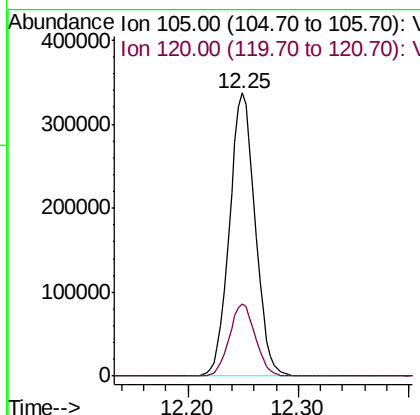
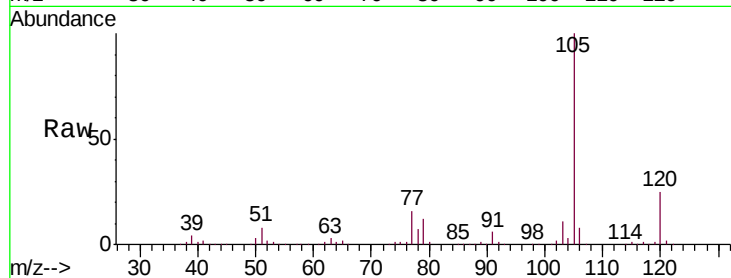




#73
Isopropylbenzene
Concen: 19.309 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

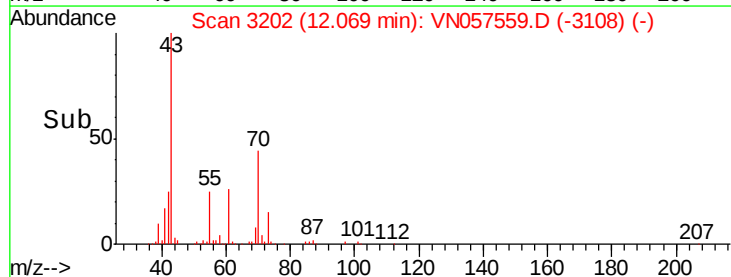
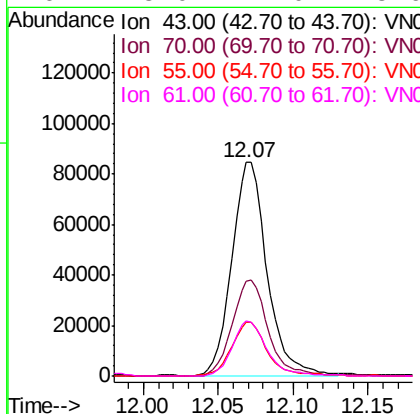
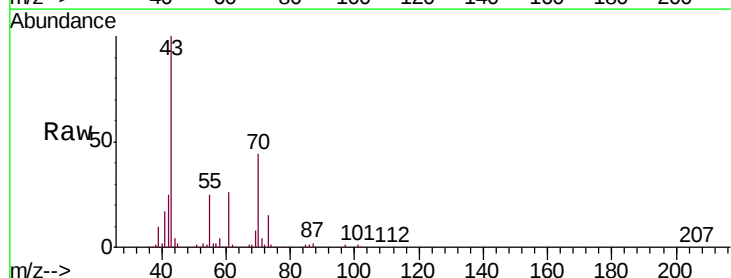
Instrument :
MSVOA_N
ClientSampleId :

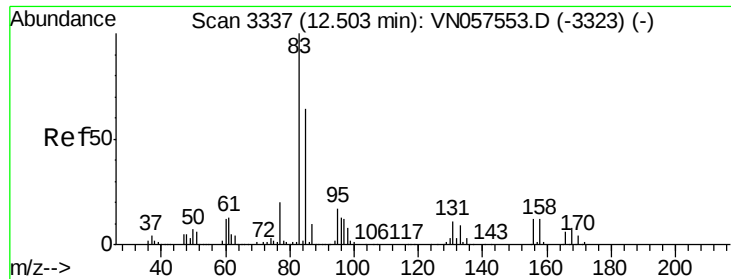
Tot Ion:105 Resp: 544417
Ion Ratio Lower Upper
105 100
120 25.8 12.7 38.0



#74
N-ethyl acetate
Concen: 22.516 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Tgt Ion: 43 Resp: 139124
Ion Ratio Lower Upper
43 100
70 45.5 27.8 41.6#
55 25.5 17.0 25.4#
61 25.0 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.645 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

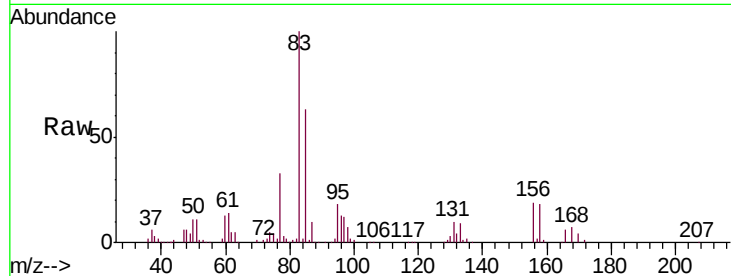
Tot Ion: 83 Resp: 130711

Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.3	13.1
85	62.5	32.3	96.8

83 100

131 10.7 4.3 13.1

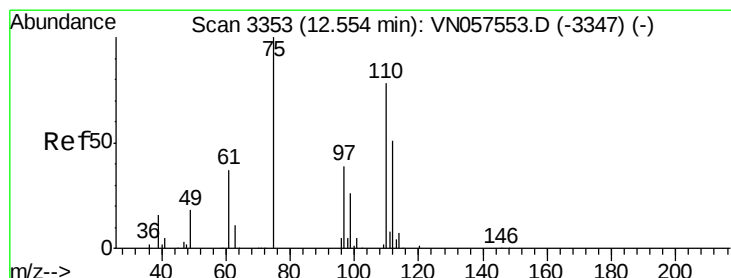
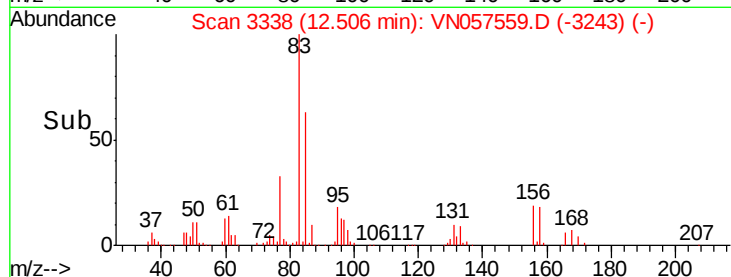
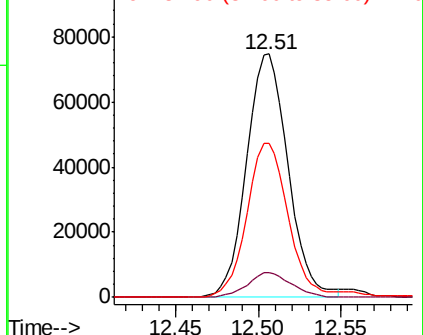
85 62.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN057553.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN057553.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN057553.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 31.159 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057559.D

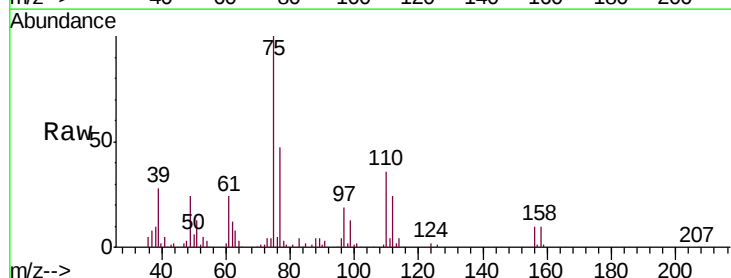
Acq: 29 Aug 2019 19:36

Tgt Ion: 75 Resp: 158522

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

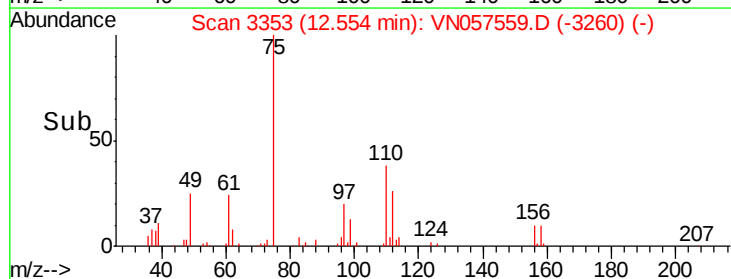
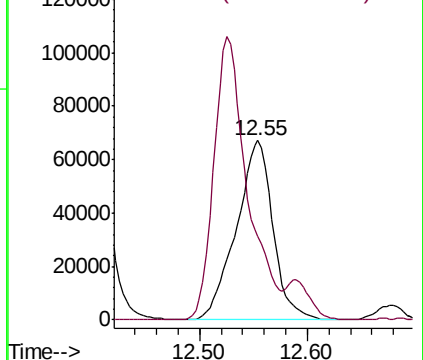
75 100

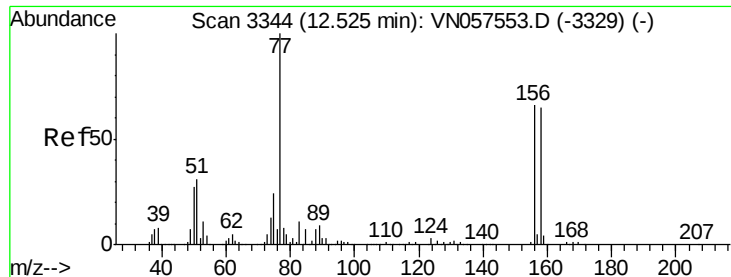
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057553.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN057553.D (-3347) (-)





#77

Bromobenzene

Concen: 18.789 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampled :

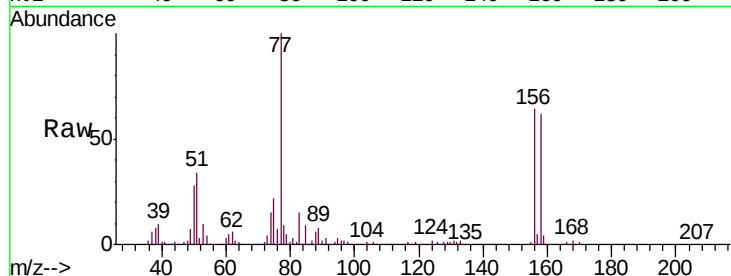
Tot Ion:156 Resp: 123291

Ion Ratio Lower Upper

156 100

77 186.0 124.4 373.3

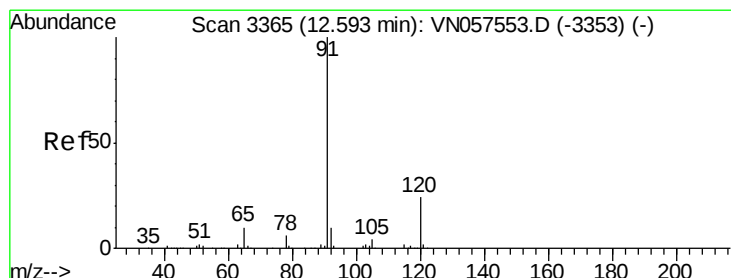
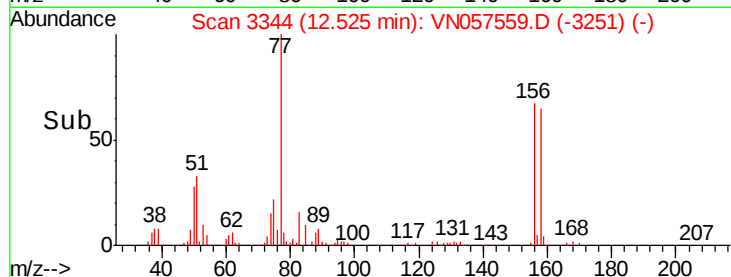
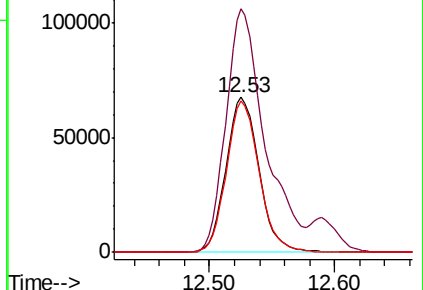
158 96.6 48.3 144.8



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: 19.571 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057559.D

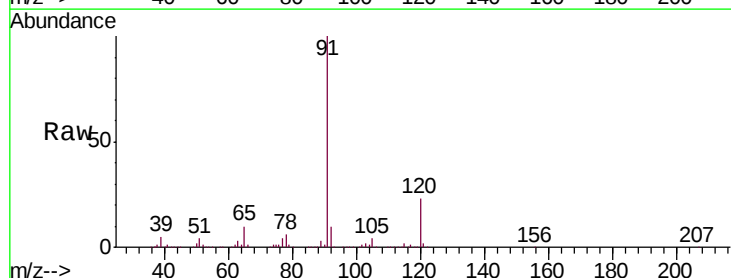
Acq: 29 Aug 2019 19:36

Tgt Ion: 91 Resp: 550318

Ion Ratio Lower Upper

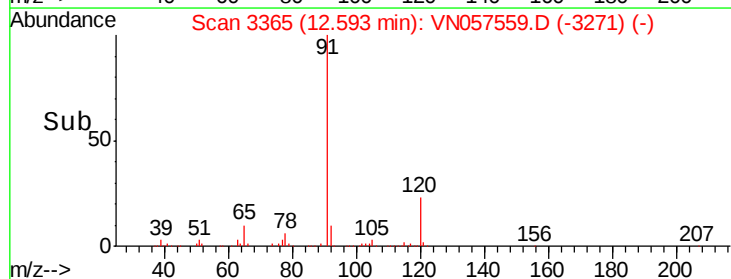
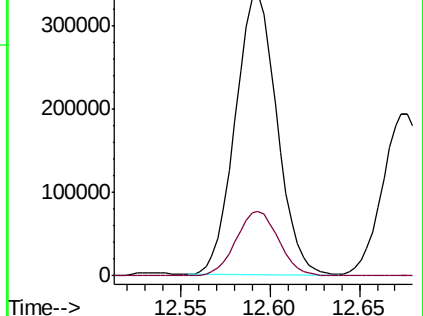
91 100

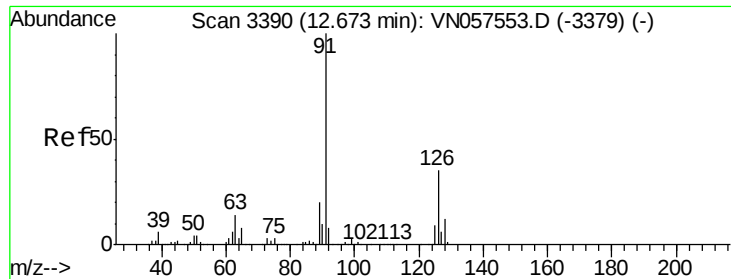
120 23.5 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.186 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

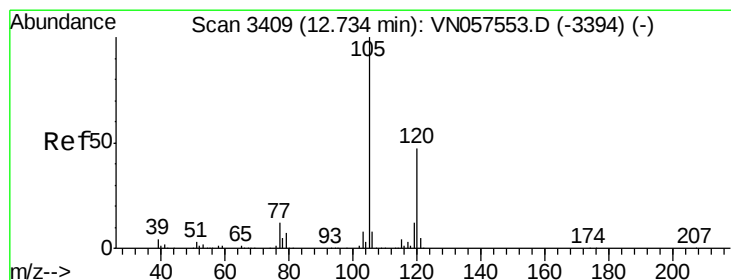
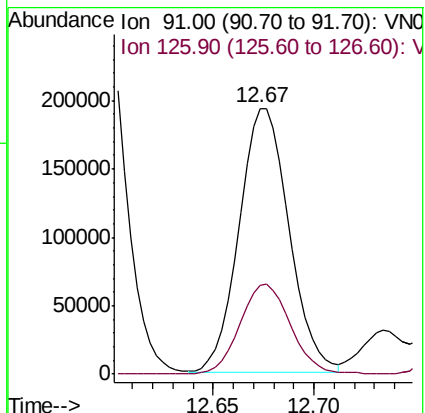
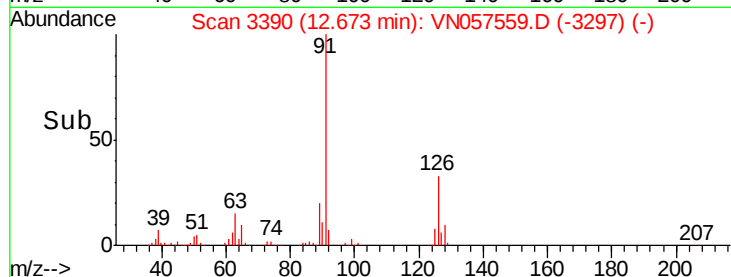
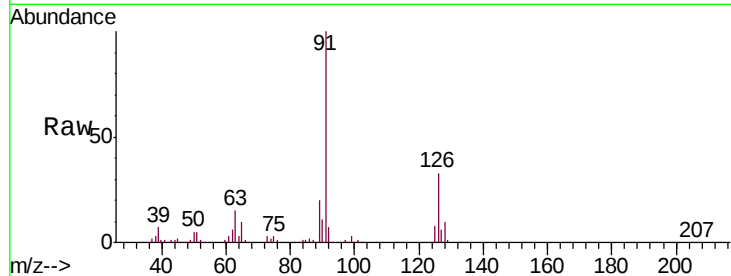
ClientSampleId :

Tot Ion: 91 Resp: 336046

Ion Ratio Lower Upper

91 100

126 34.4 15.3 45.8



#80

1,3,5-Trimethylbenzene

Concen: 20.040 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057559.D

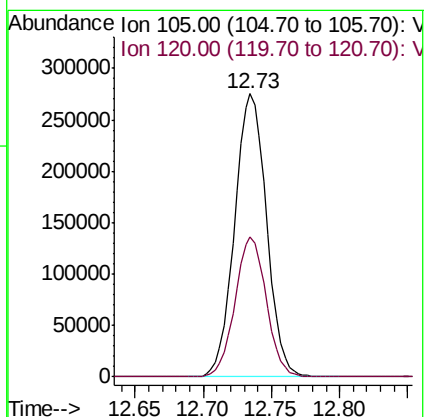
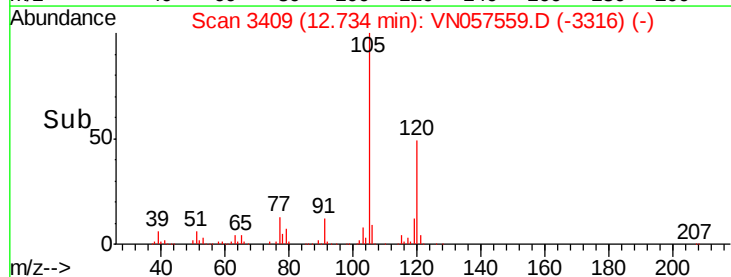
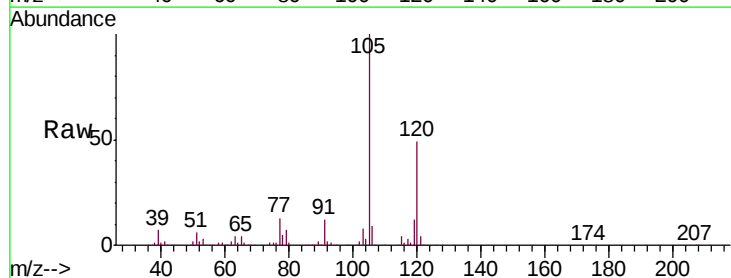
Acq: 29 Aug 2019 19:36

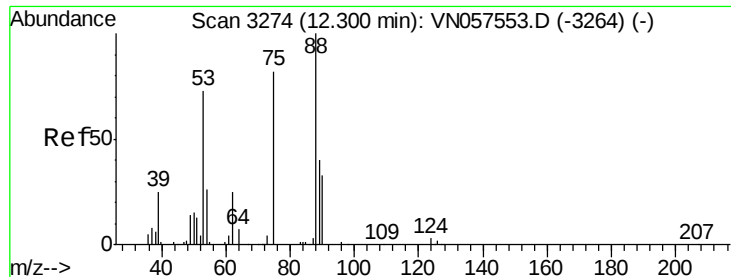
Tgt Ion: 105 Resp: 446377

Ion Ratio Lower Upper

105 100

120 48.4 23.3 69.8

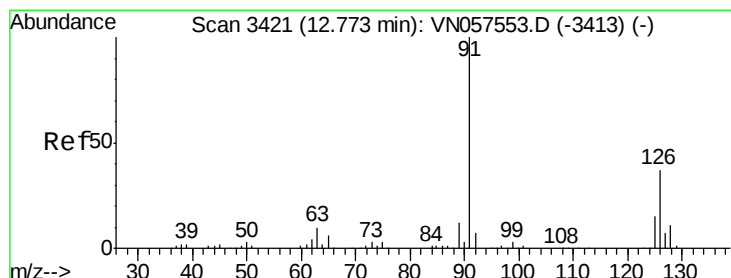
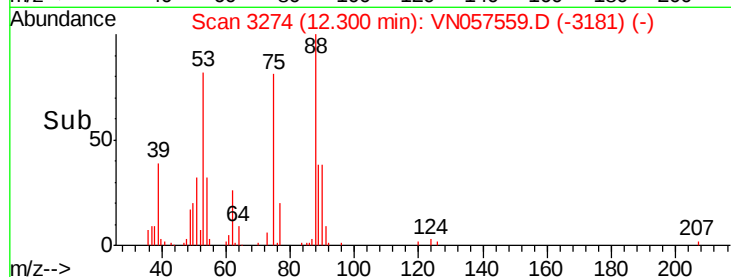
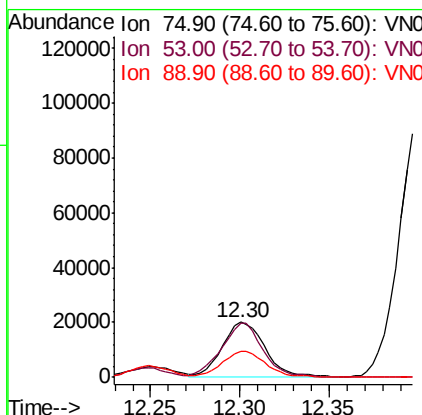
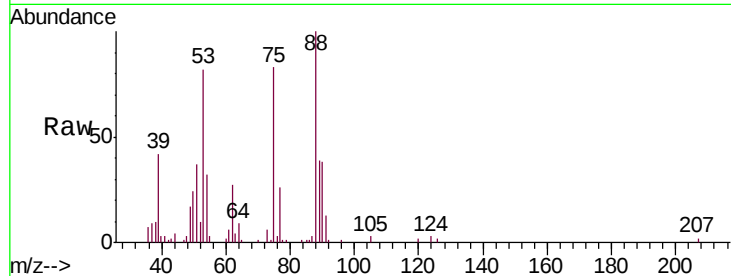




#81
trans-1,4-Dichloro-2-butene
Concen: 19.321 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

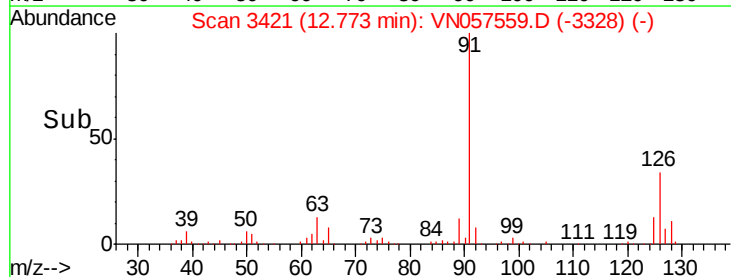
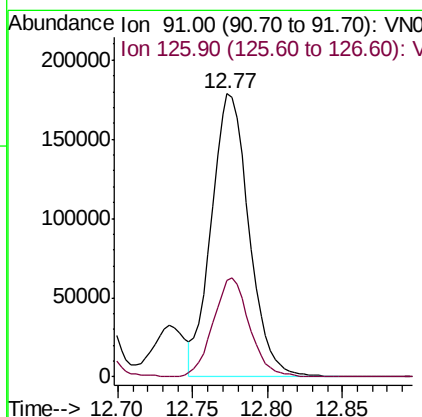
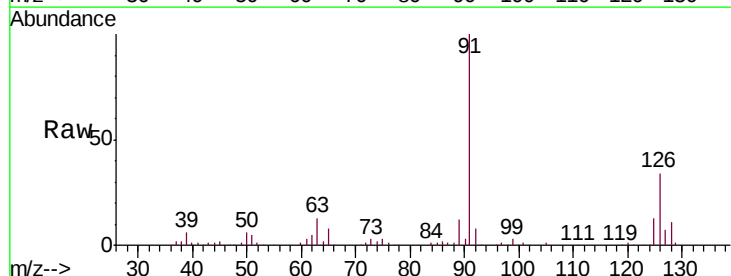
Instrument :
MSVOA_N
ClientSampled :

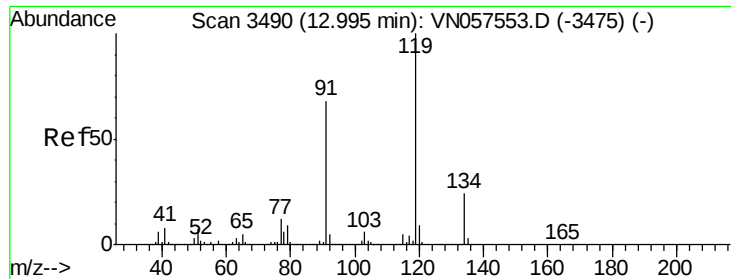
Tot Ion: 75 Resp: 34178
Ion Ratio Lower Upper
75 100
53 94.8 82.7 124.1
89 47.8 35.8 53.8



#82
4-Chlorotoluene
Concen: 19.233 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Tgt Ion: 91 Resp: 312552
Ion Ratio Lower Upper
91 100
126 33.8 15.0 45.0

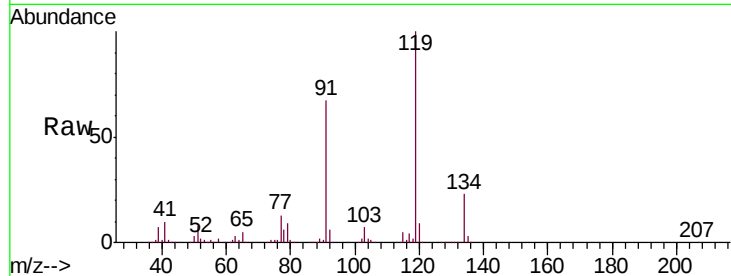




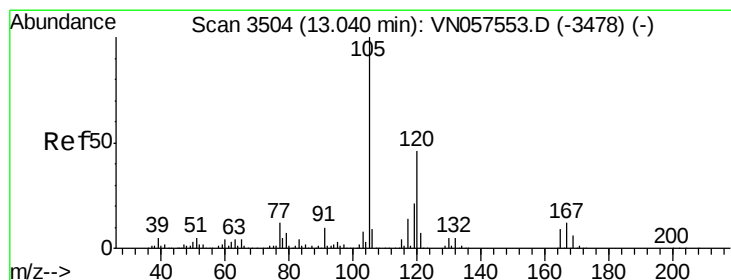
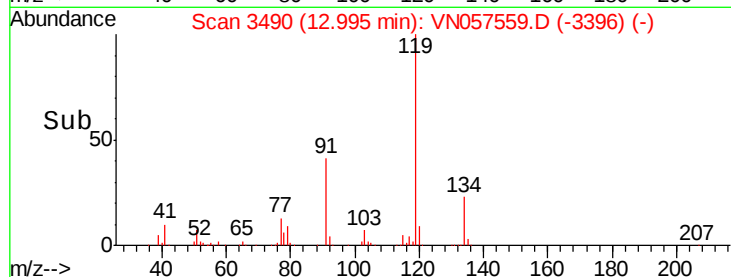
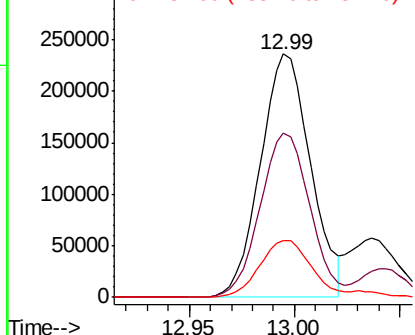
#83
tert-Butylbenzene
Concen: 21.073 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 391271
Ion Ratio Lower Upper
119 100
91 67.1 37.0 111.0
134 25.7 12.2 36.6

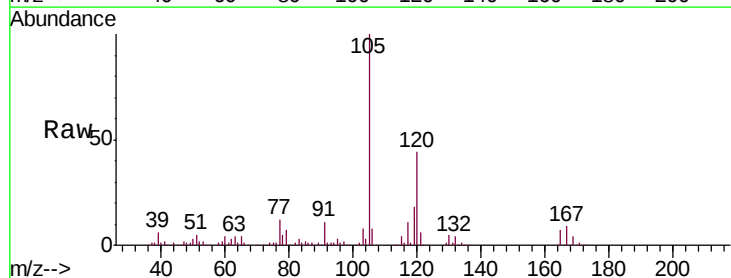


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

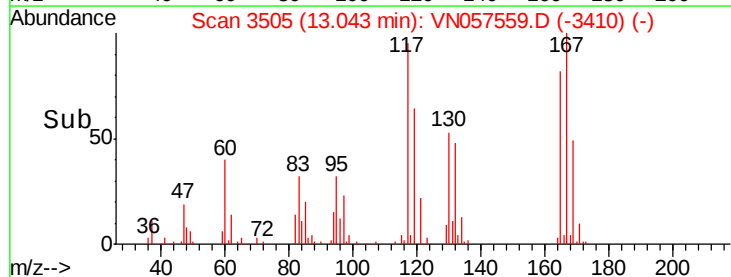
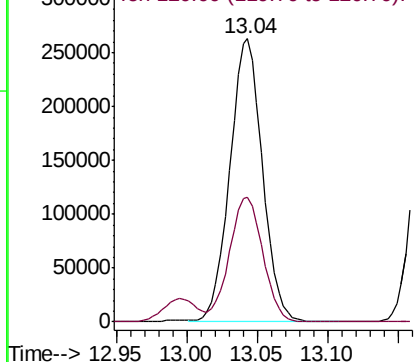


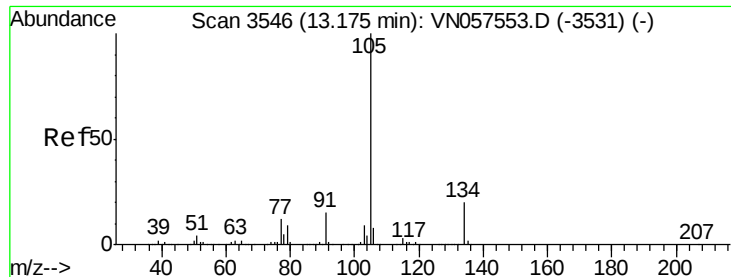
#84
1,2,4-Trimethylbenzene
Concen: 20.873 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN057559.D
Acq: 29 Aug 2019 19:36

Tgt Ion:105 Resp: 425225
Ion Ratio Lower Upper
105 100
120 45.1 21.9 65.7



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





#85

sec-Butylbenzene

Concen: 20.185 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

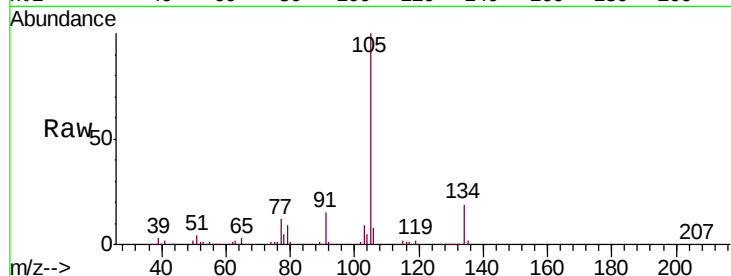
ClientSampleId :

Tot Ion:105 Resp: 494196

Ion Ratio Lower Upper

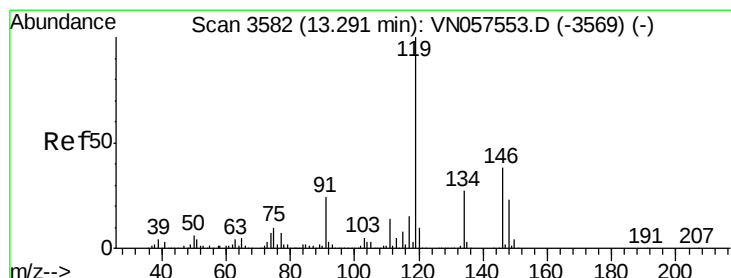
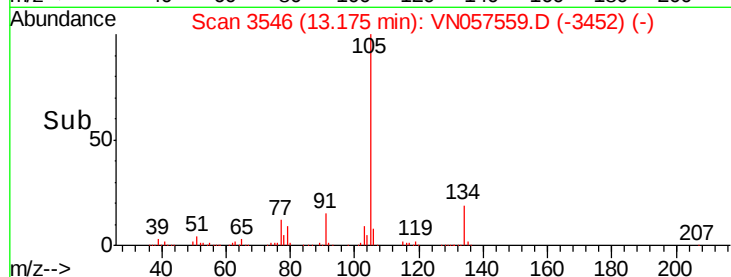
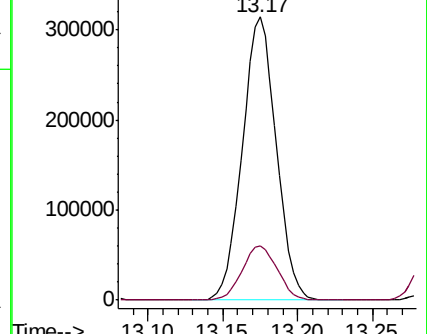
105 100

134 19.8 9.3 27.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.466 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

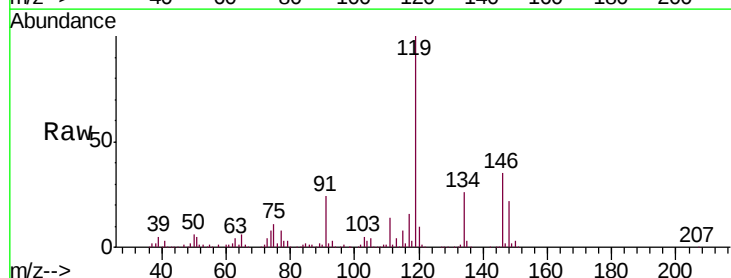
Tgt Ion:119 Resp: 430680

Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.1

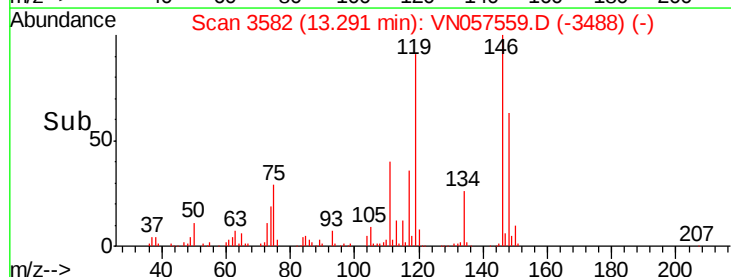
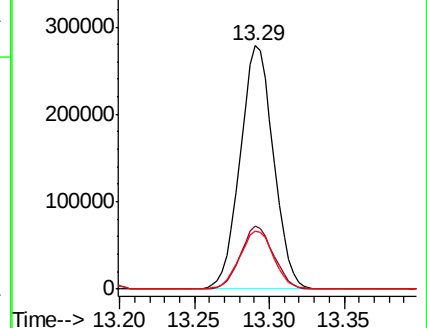
91 24.5 13.9 41.6

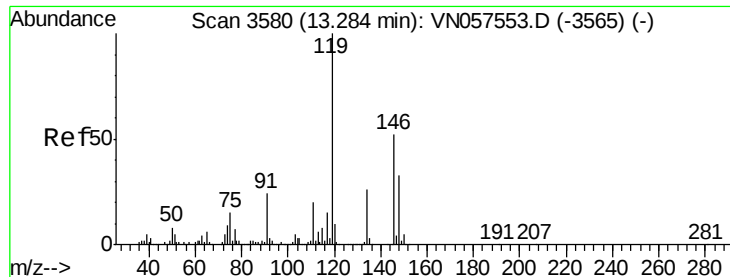


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.067 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampled :

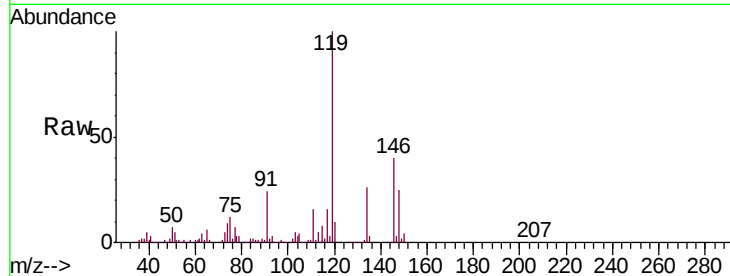
Tot Ion:146 Resp: 181707

Ion Ratio Lower Upper

146 100

111 40.5 22.1 66.1

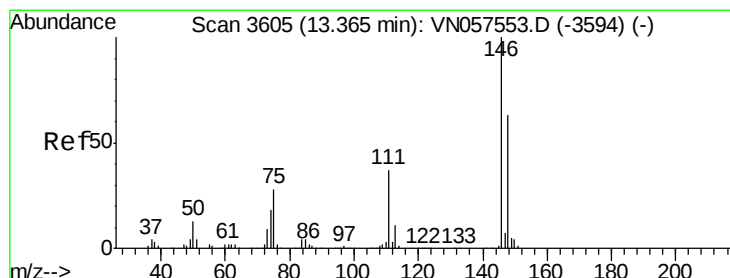
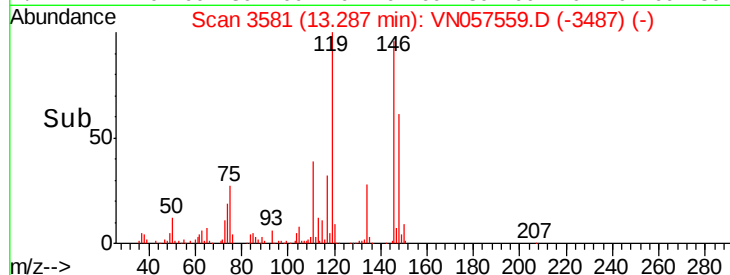
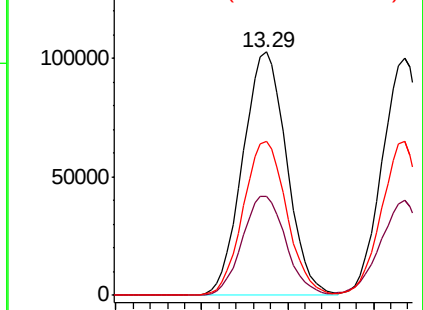
148 62.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.371 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

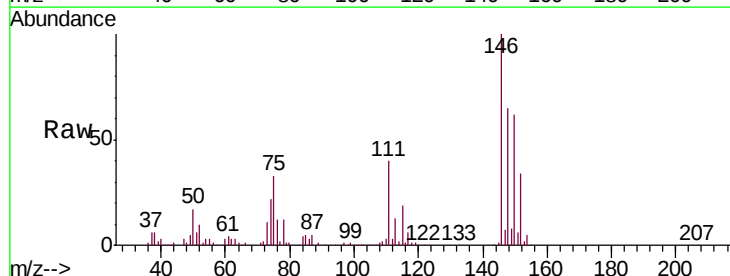
Tgt Ion:146 Resp: 177029

Ion Ratio Lower Upper

146 100

111 39.9 21.9 65.5

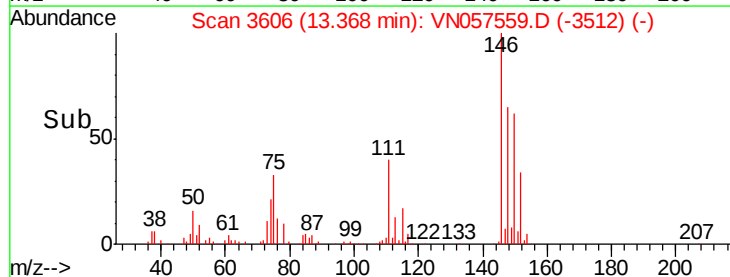
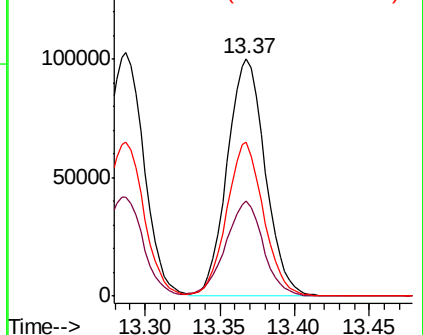
148 63.0 31.1 93.2

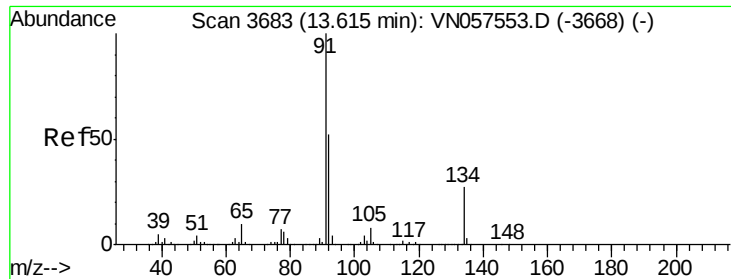


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.383 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

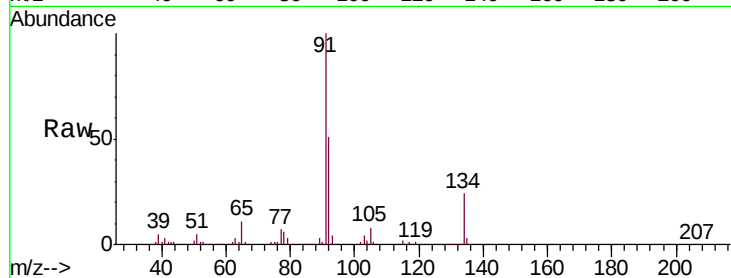
Tot Ion: 91 Resp: 324924

Ion Ratio Lower Upper

91 100

92 50.7 25.7 77.0

134 25.0 11.4 34.1

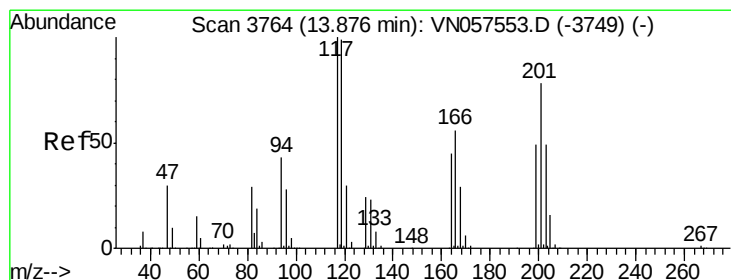
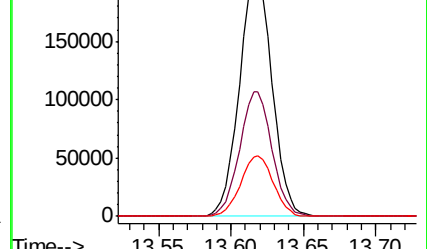
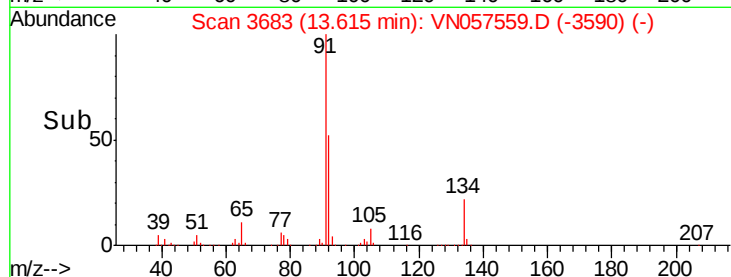


Abundance Ion 91.00 (90.70 to 91.70): VN057553.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057553.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057553.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 17.942 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN057559.D

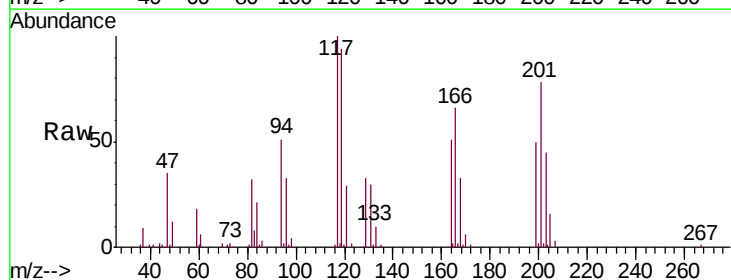
Acq: 29 Aug 2019 19:36

Tgt Ion: 117 Resp: 79453

Ion Ratio Lower Upper

117 100

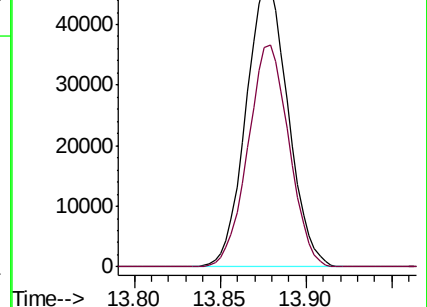
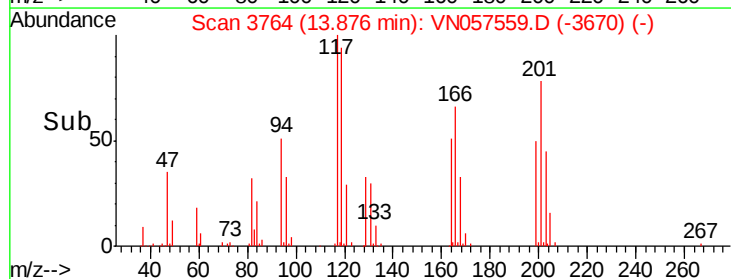
201 76.2 33.1 99.3

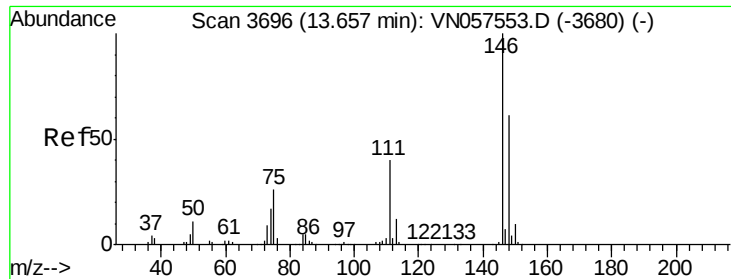


Abundance Ion 116.80 (116.50 to 117.50): VN057553.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN057553.D (-3749) (-)

Time-->

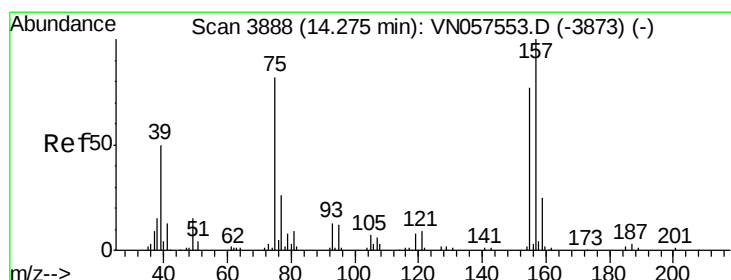
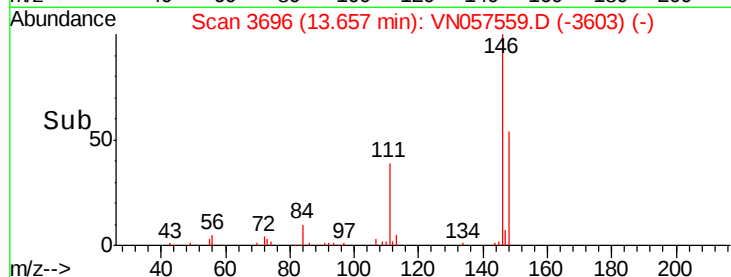
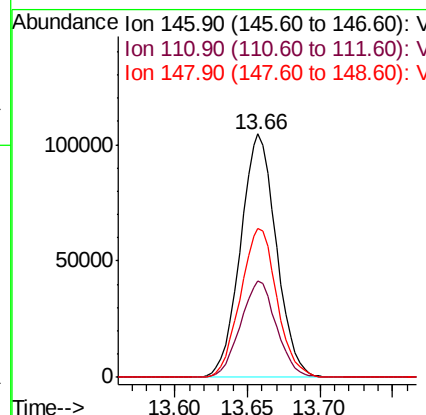
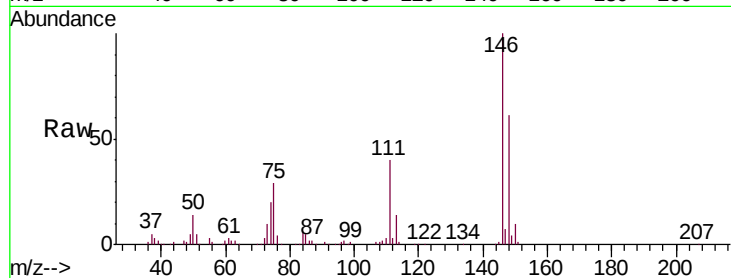




#91
 1,2-Dichlorobenzene
 Concen: 20.119 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057559.D
 Acq: 29 Aug 2019 19:36

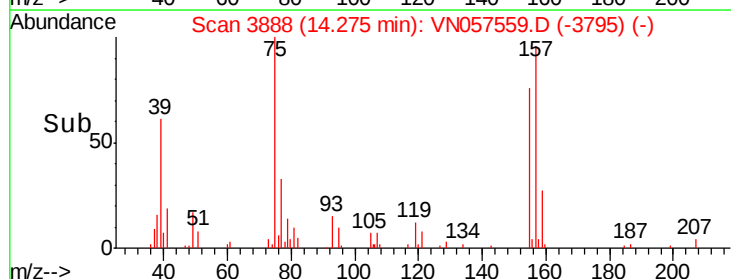
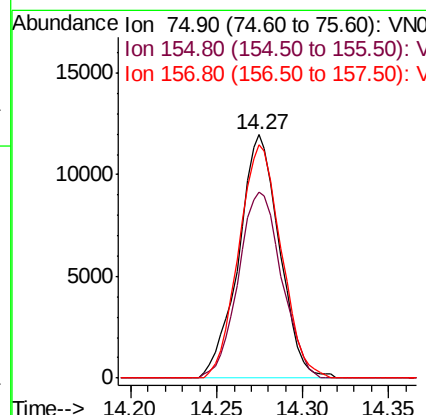
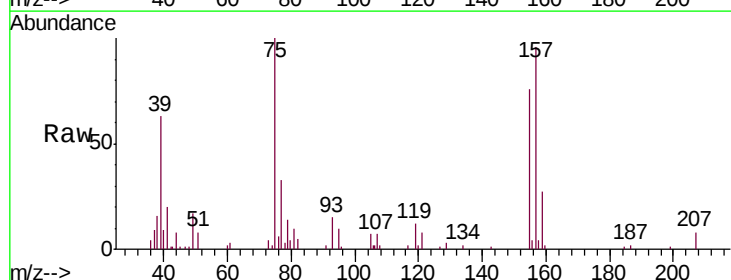
Instrument :
 MSVOA_N
 ClientSampled :

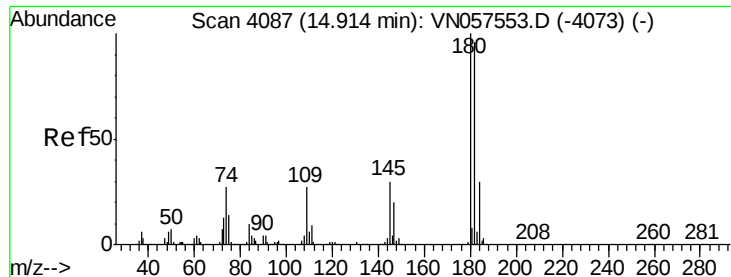
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	23.1	69.2
148	62.2	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.726 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN057559.D
 Acq: 29 Aug 2019 19:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.1	31.6	94.7
157	99.5	43.3	129.8

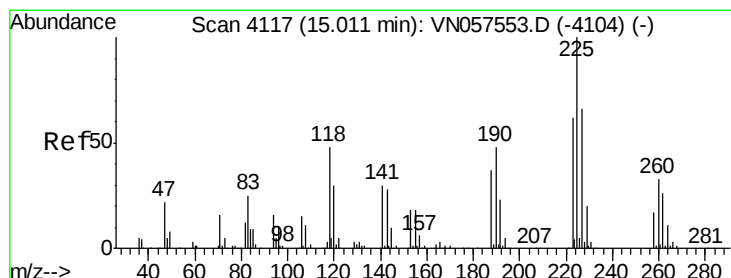
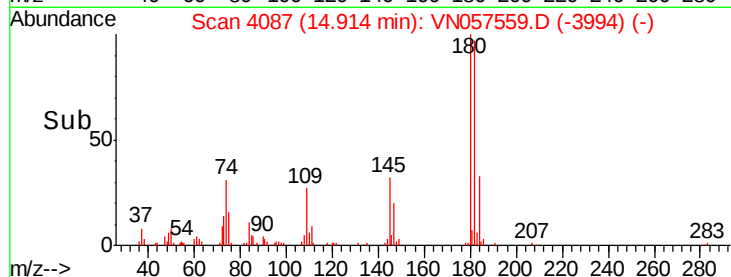
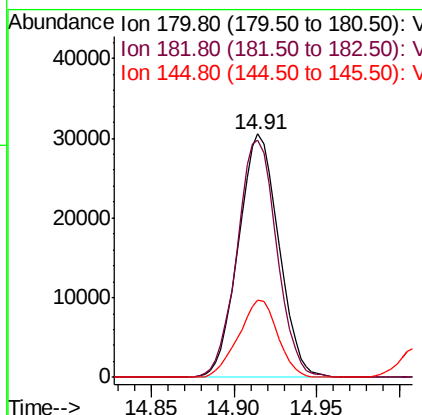
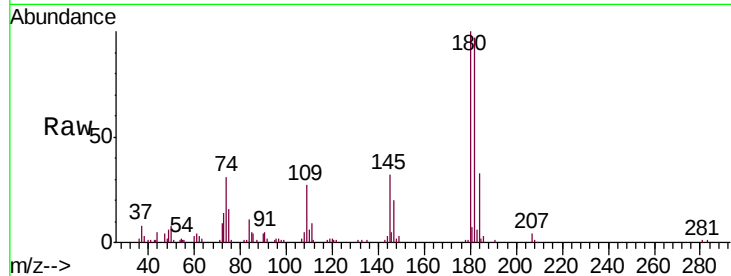




#93
 1,2,4-Trichlorobenzene
 Concen: 16.684 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057559.D
 Acq: 29 Aug 2019 19:36

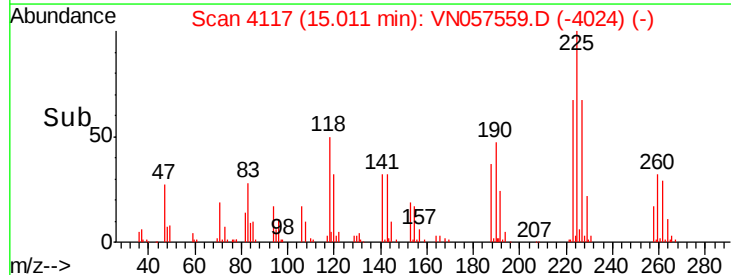
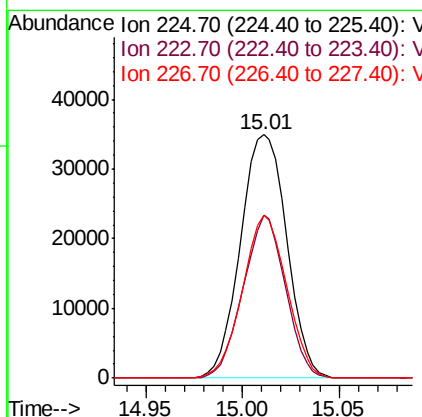
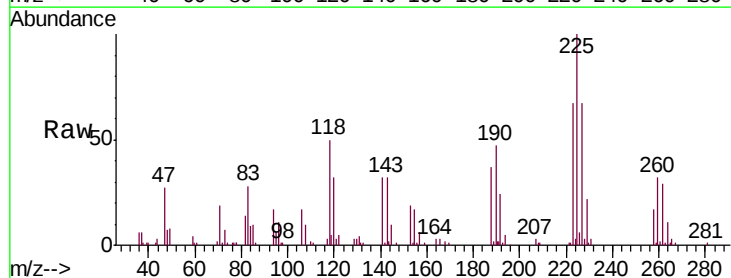
Instrument :
 MSVOA_N
 ClientSampleId :

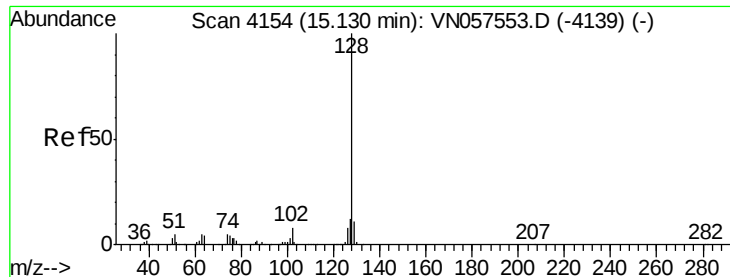
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	46.7	140.1
145	30.7	15.6	46.8



#94
 Hexachlorobutadiene
 Concen: 19.870 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057559.D
 Acq: 29 Aug 2019 19:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	32.0	96.2
227	63.8	31.5	94.5





#95

Naphthalene

Concen: 16.991 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

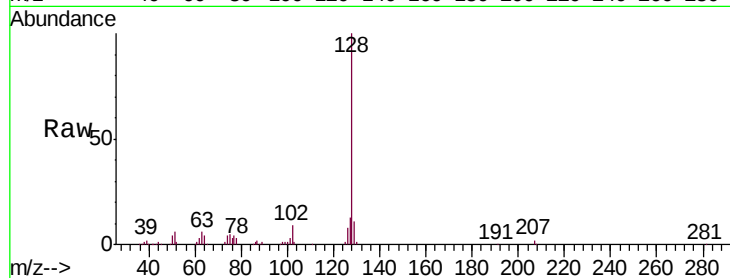
Tot Ion:128 Resp: 149537

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

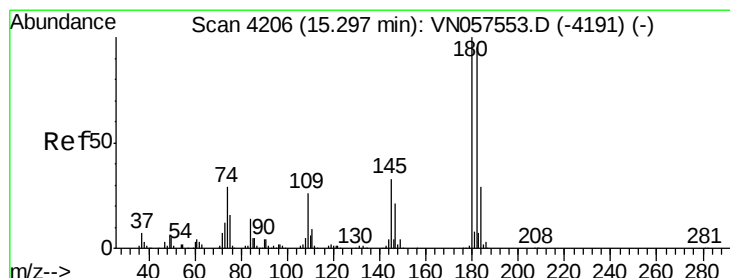
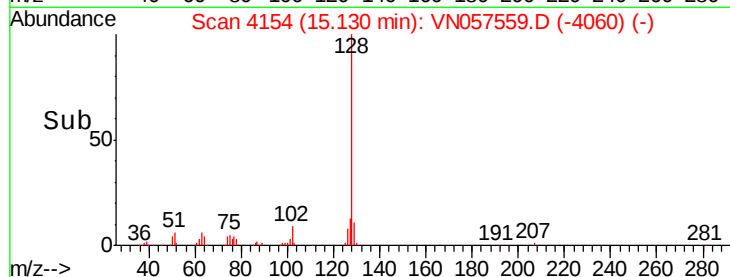
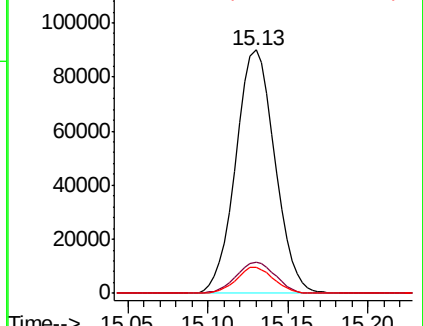
129 10.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.760 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN057559.D

Acq: 29 Aug 2019 19:36

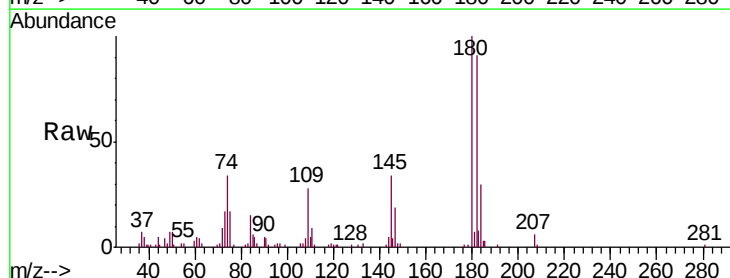
Tgt Ion:180 Resp: 50380

Ion Ratio Lower Upper

180 100

182 93.5 46.7 140.1

145 34.3 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

