

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049772.D
 Acq On : 12 Jul 2018 12:32
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 13 02:08:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1306300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1879651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1788135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	980557	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	1433078	94.31	ug/l	0.00
Spiked Amount			Recovery	=	188.62%	
35) Dibromofluoromethane	7.59	113	1358956	95.91	ug/l	0.00
Spiked Amount			Recovery	=	191.82%	
50) Toluene-d8	10.09	98	4750527	97.95	ug/l	0.00
Spiked Amount			Recovery	=	195.90%	
62) 4-Bromofluorobenzene	12.40	95	1824051	105.30	ug/l	0.00
Spiked Amount			Recovery	=	210.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	1097984	98.295	ug/l	97
3) Chloromethane	2.06	50	1482388	100.049	ug/l	99
4) Vinyl Chloride	2.18	62	1618519	98.295	ug/l	98
5) Bromomethane	2.55	94	1004398	99.006	ug/l	100
6) Chloroethane	2.70	64	1044365	89.882	ug/l	98
7) Trichlorofluoromethane	3.01	101	2216544	89.488	ug/l	100
8) Diethyl Ether	3.41	74	821555	92.562	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1409306	87.661	ug/l	100
10) Methyl Iodide	3.95	142	2128906	104.185	ug/l	100
11) Tert butyl alcohol	4.80	59	501974	493.562	ug/l	99
12) 1,1-Dichloroethene	3.74	96	1297413	91.846	ug/l	98
13) Acrolein	3.61	56	451618	505.560	ug/l	97
14) Allyl chloride	4.33	41	2192355	95.102	ug/l	99
15) Acrylonitrile	5.00	53	2525578	495.859	ug/l	99
16) Acetone	3.82	43	1858258	498.935	ug/l	99
17) Carbon Disulfide	4.05	76	3524016	97.800	ug/l	99
18) Methyl Acetate	4.33	43	1230249	97.635	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	3856857	98.428	ug/l	99
20) Methylene Chloride	4.55	84	1524746	98.699	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	1408415	91.216	ug/l	100
22) Diisopropyl ether	5.96	45	4728866	99.861	ug/l	95
23) Vinyl Acetate	5.90	43	16290825	513.353	ug/l	100
24) 1,1-Dichloroethane	5.85	63	2728442	91.714	ug/l	99
25) 2-Butanone	6.84	43	2945813	497.457	ug/l	99
26) 2,2-Dichloropropane	6.83	77	2327022	94.246	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	1672289	94.701	ug/l	100
28) Bromochloromethane	7.20	49	1258084	92.979	ug/l	98
29) Tetrahydrofuran	7.22	42	1873202	503.745	ug/l	100
30) Chloroform	7.37	83	2793669	91.139	ug/l	99
31) Cyclohexane	7.65	56	2292710	97.071	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	2415702	92.794	ug/l	99
36) 1,1-Dichloropropene	7.80	75	2087584	96.376	ug/l	100
37) Ethyl Acetate	6.93	43	1283656	100.119	ug/l	99
38) Carbon Tetrachloride	7.78	117	2122989	93.758	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2303137	100.875	ug/l	99
40) Benzene	8.04	78	6272122	96.795	ug/l	100
41) Methacrylonitrile	7.18	41	718407	99.057	ug/l	94
42) 1,2-Dichloroethane	8.13	62	1994282	94.090	ug/l	100
43) Isopropyl Acetate	8.17	43	2337747	101.440	ug/l	96
44) Trichloroethene	8.84	130	1649922	94.564	ug/l	100
45) 1,2-Dichloropropane	9.12	63	1675208	96.198	ug/l	100
46) Dibromomethane	9.21	93	991212	95.838	ug/l	99
47) Bromodichloromethane	9.41	83	2178116	95.635	ug/l	98
48) Methyl methacrylate	9.20	41	1189406	103.226	ug/l	99
49) 1,4-Dioxane	9.20	88	310389	2055.887	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	6550204	523.487	ug/l	99
52) Toluene	10.16	92	3967923	102.317	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	2322909	106.035	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	2610181	104.607	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	1457887	100.041	ug/l	100
56) Ethyl methacrylate	10.43	69	1953400	111.591	ug/l	98
57) 1,3-Dichloropropane	10.71	76	2451838	99.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	4680113	557.469	ug/l	100
59) 2-Hexanone	10.75	43	4517257	543.050	ug/l	99
60) Dibromochloromethane	10.90	129	1707344	100.499	ug/l	99
61) 1,2-Dibromoethane	11.01	107	1440030	102.037	ug/l	99
64) Tetrachloroethene	10.63	164	1464081	90.176	ug/l	100
65) Chlorobenzene	11.44	112	4443830	95.395	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1677789	95.730	ug/l	100
67) Ethyl Benzene	11.51	91	7756493	101.682	ug/l	100
68) m/p-Xylenes	11.62	106	5905945	206.276	ug/l	99
69) o-Xylene	11.95	106	2863658	103.533	ug/l	98
70) Styrene	11.97	104	4804588	109.356	ug/l	100
71) Bromoform	12.13	173	1218304	102.881	ug/l	100
73) Isopropylbenzene	12.25	105	7697333	94.457	ug/l	100
74) N-amyl acetate	12.07	43	2171306	102.422	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1840187	99.956	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	2316765	132.998	ug/l #	100
77) Bromobenzene	12.53	156	1987747	91.947	ug/l	99
78) n-propylbenzene	12.59	91	8914345	97.023	ug/l	99
79) 2-Chlorotoluene	12.68	91	5258636	93.521	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	6341186	97.918	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	570352	105.736	ug/l	98
82) 4-Chlorotoluene	12.77	91	5325360	95.487	ug/l	99
83) tert-Butylbenzene	12.99	119	5568981	96.111	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	6533072	100.592	ug/l	100
85) sec-Butylbenzene	13.17	105	7460657	98.246	ug/l	100
86) p-Isopropyltoluene	13.29	119	6559130	102.072	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	3568294	95.200	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	3485341	95.649	ug/l	99
89) n-Butylbenzene	13.62	91	5650673	106.520	ug/l	99
90) Hexachloroethane	13.88	117	1216500	98.648	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	3413742	93.320	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	279907	97.649	ug/l	95

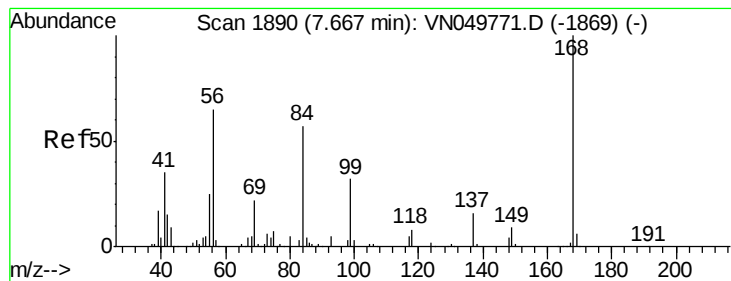
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	2001496	96.728	ug/l	99
94) Hexachlorobutadiene	15.01	225	1092229	98.602	ug/l	99
95) Naphthalene	15.14	128	4397691	97.285	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1928026	108.681	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

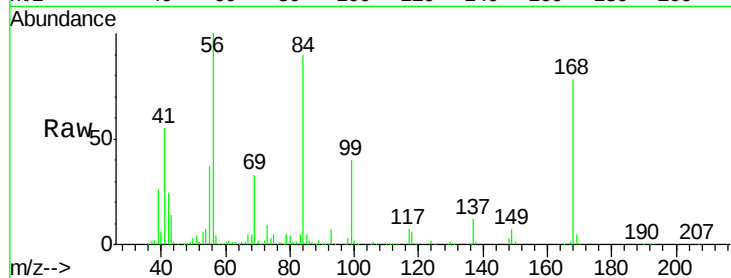
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1306300

Ion Ratio Lower Upper

168 100

99 51.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

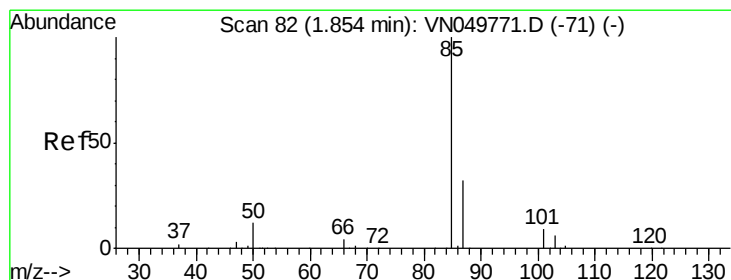
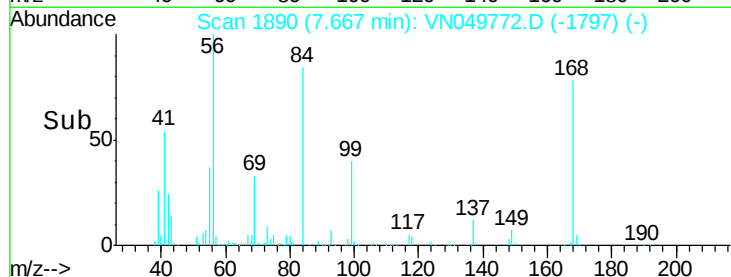
400000

200000

0

7.60 7.67 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 98.295 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049772.D

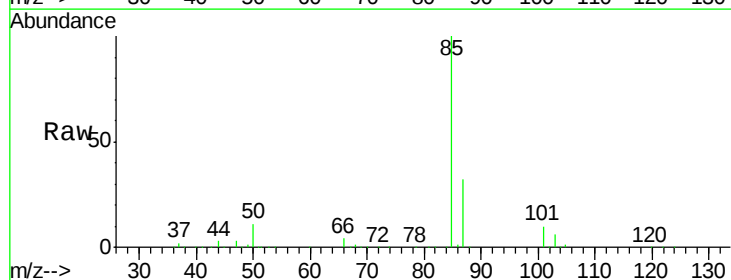
Acq: 12 Jul 2018 12:32

Tgt Ion: 85 Resp: 1097984

Ion Ratio Lower Upper

85 100

87 32.4 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

800000

600000

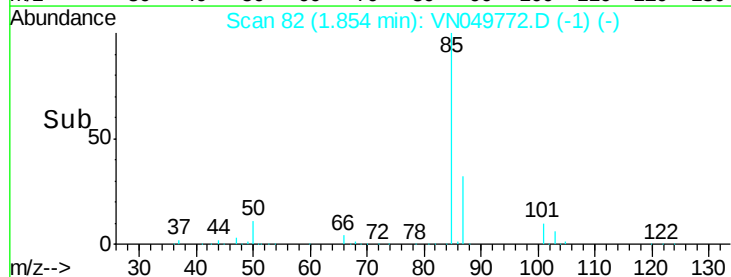
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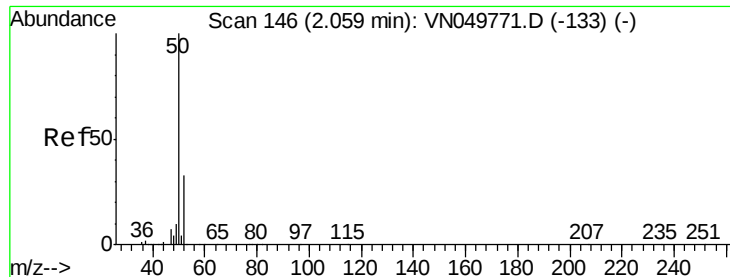
200000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 100.049 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :

MSVOA_N

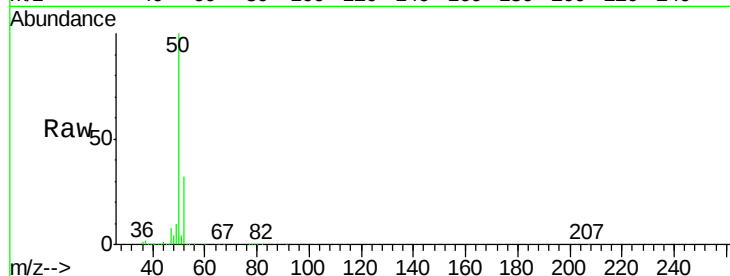
ClientSampleId :

Tot Ion: 50 Resp: 1482388

Ion Ratio Lower Upper

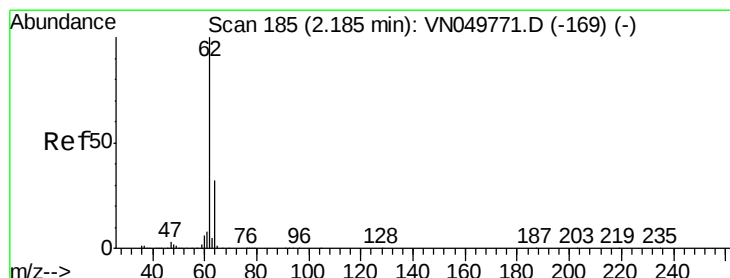
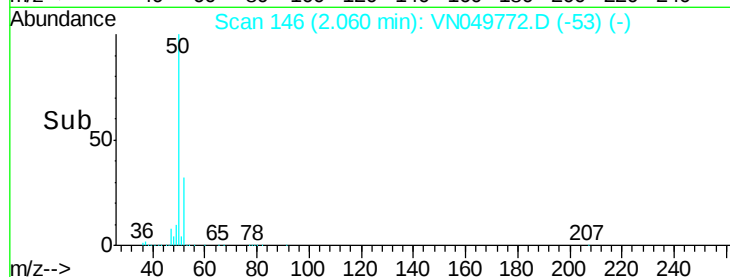
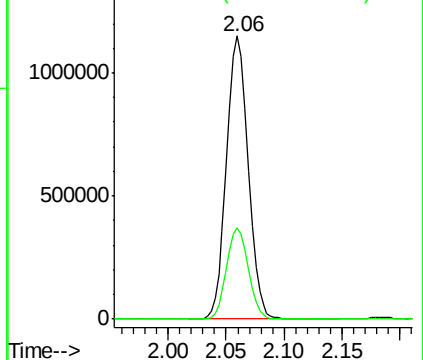
50 100

52 32.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 98.295 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049772.D

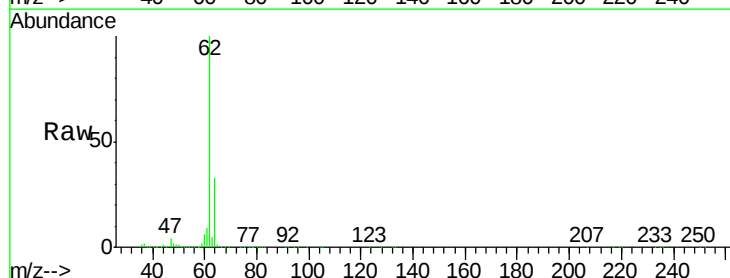
Acq: 12 Jul 2018 12:32

Tgt Ion: 62 Resp: 1618519

Ion Ratio Lower Upper

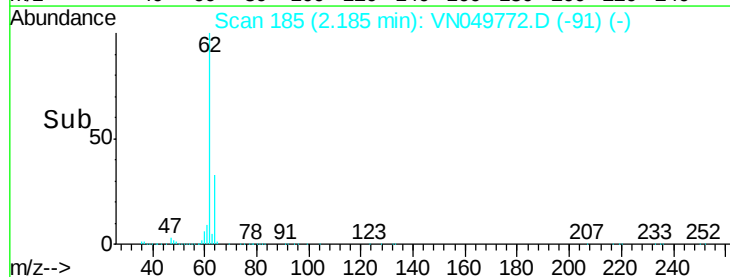
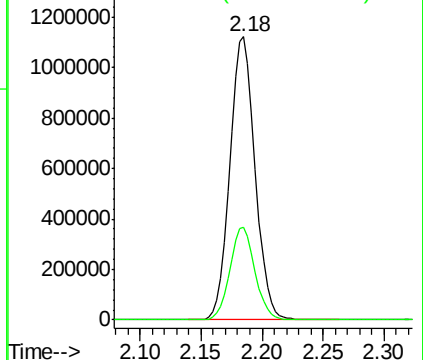
62 100

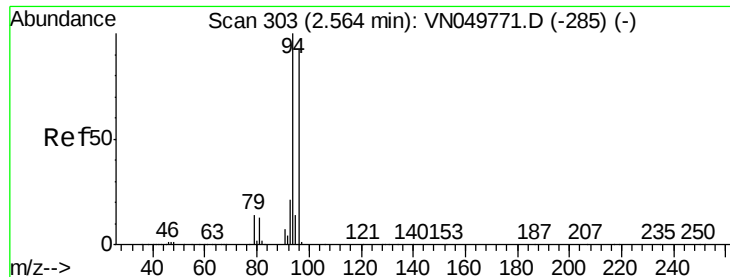
64 32.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 99.006 ug/l

RT: 2.55 min Scan# 299

Delta R.T. -0.01 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :

MSVOA_N

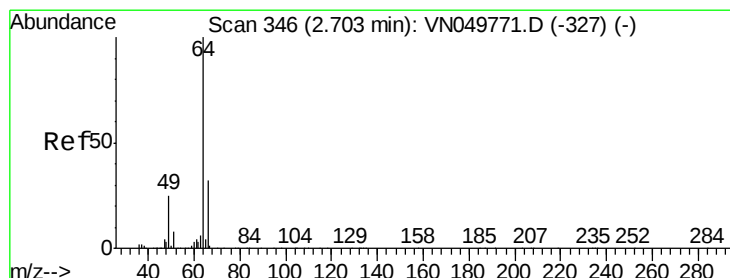
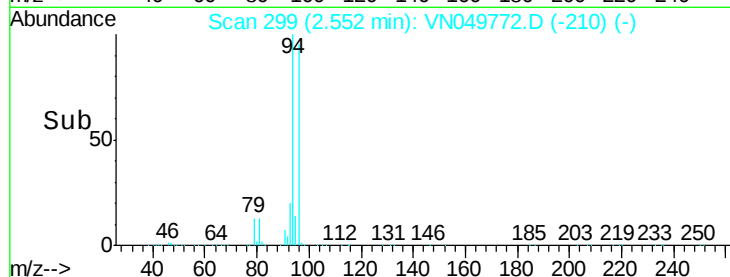
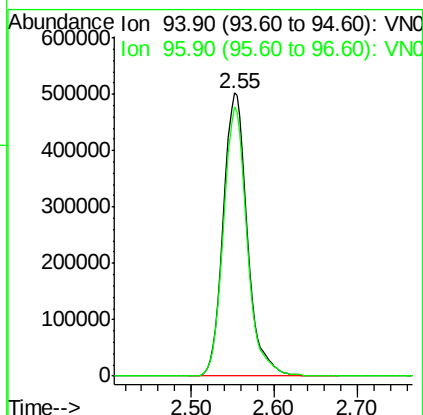
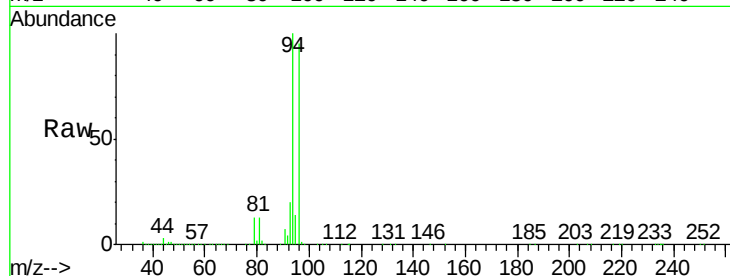
ClientSampled :

Tot Ion: 94 Resp: 1004398

Ion Ratio Lower Upper

94 100

96 95.0 75.7 113.5



#6

Chloroethane

Concen: 89.882 ug/l

RT: 2.70 min Scan# 344

Delta R.T. -0.01 min

Lab File: VN049772.D

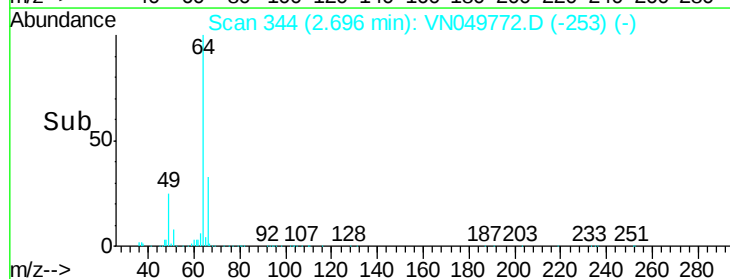
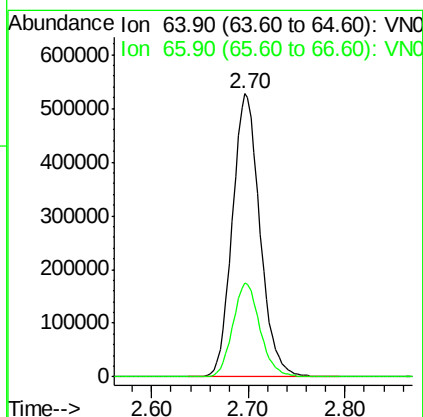
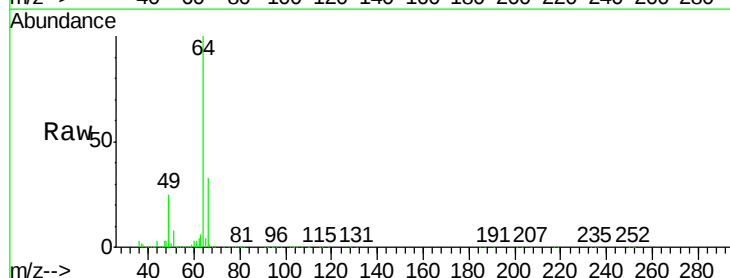
Acq: 12 Jul 2018 12:32

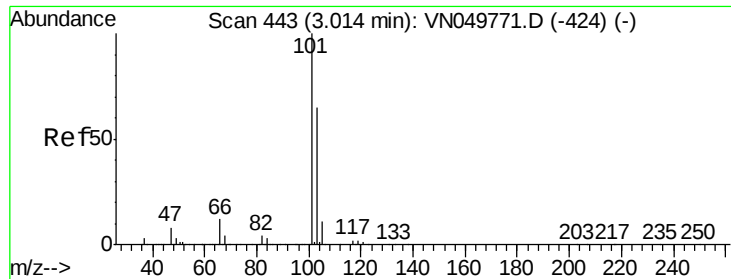
Tgt Ion: 64 Resp: 1044365

Ion Ratio Lower Upper

64 100

66 33.0 25.6 38.4



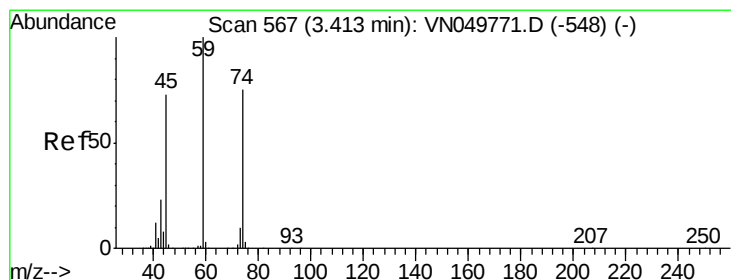
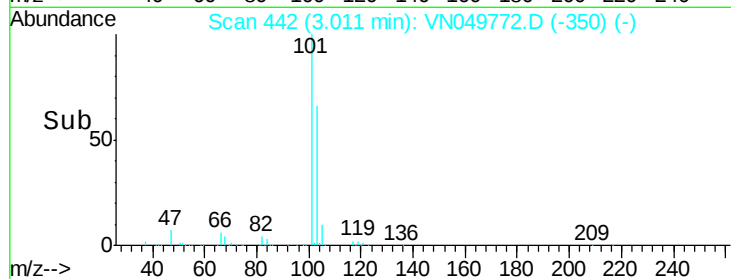
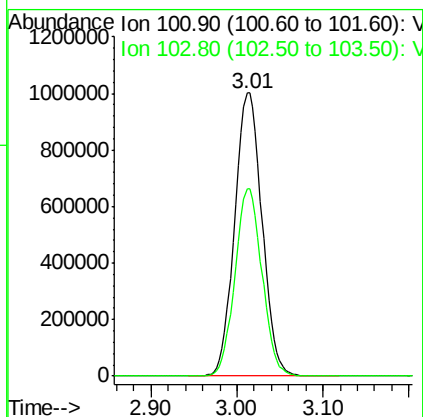
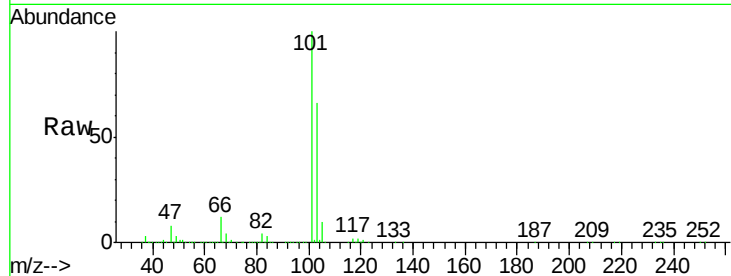


#7

Trichlorofluoromethane
Concen: 89.488 ug/l
RT: 3.01 min Scan# 442
Delta R.T. -0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Instrument :
MSVOA_N
ClientSampled :

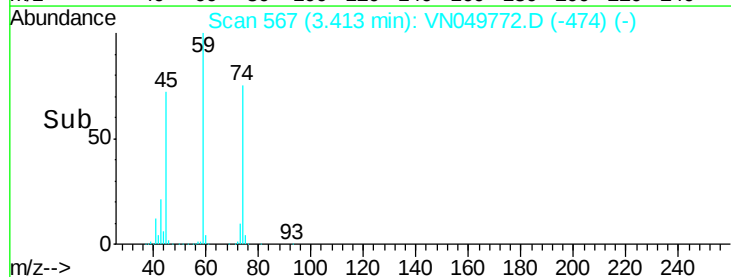
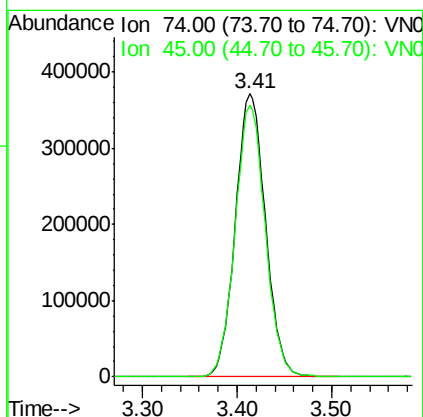
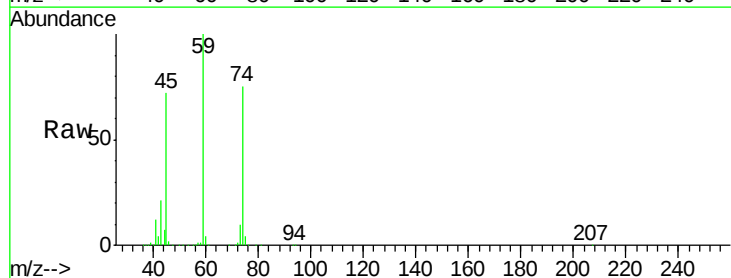
Tot Ion:101 Resp: 2216544
Ion Ratio Lower Upper
101 100
103 66.1 52.8 79.2

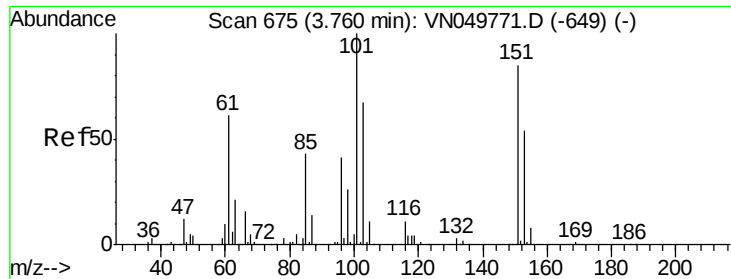


#8

Diethyl Ether
Concen: 92.562 ug/l
RT: 3.41 min Scan# 567
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion: 74 Resp: 821555
Ion Ratio Lower Upper
74 100
45 95.9 48.4 145.2

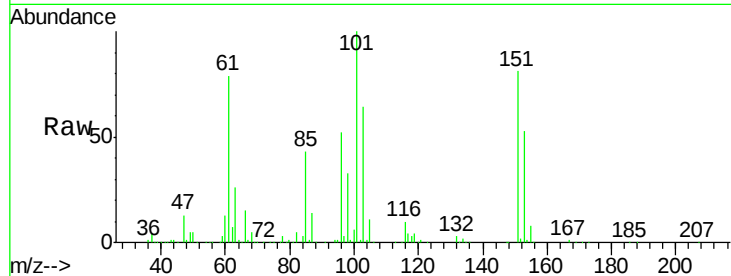




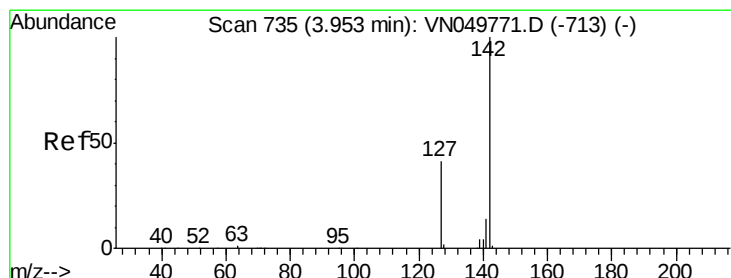
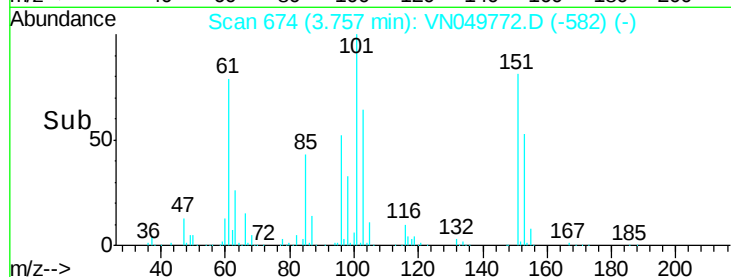
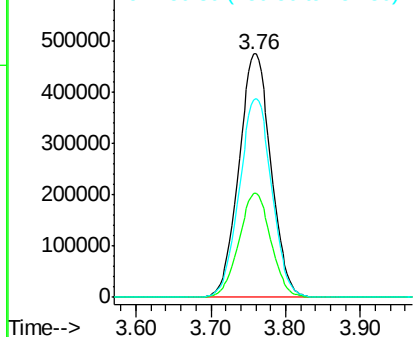
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 87.661 ug/l
 RT: 3.76 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: VN049772.D
 Acq: 12 Jul 2018 12:32

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 1409306
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.4 51.6
 151 82.7 66.2 99.4

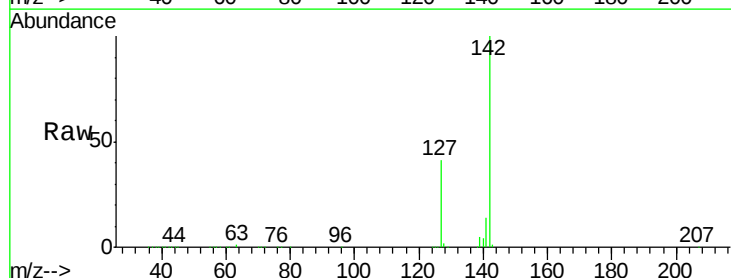


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

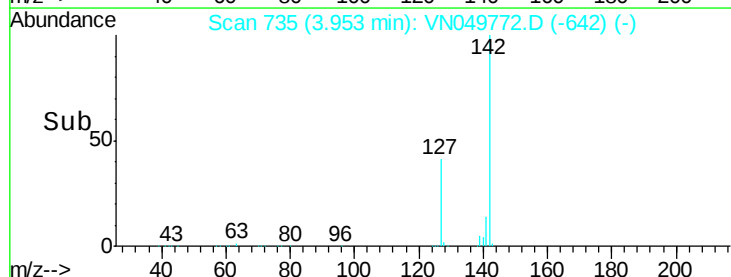
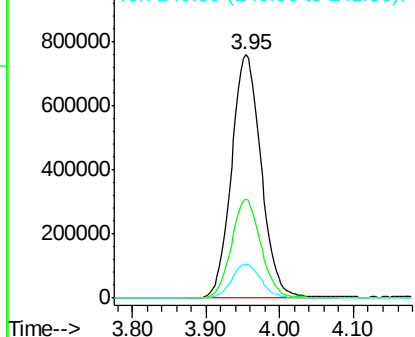


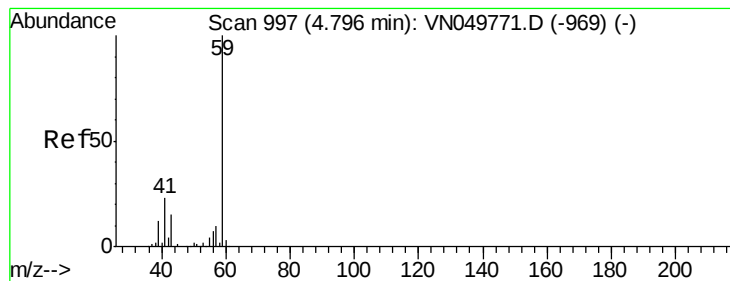
#10
 Methyl Iodide
 Concen: 104.185 ug/l
 RT: 3.95 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: VN049772.D
 Acq: 12 Jul 2018 12:32

Tgt Ion:142 Resp: 2128906
 Ion Ratio Lower Upper
 142 100
 127 40.7 32.5 48.7
 141 14.0 11.1 16.7



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



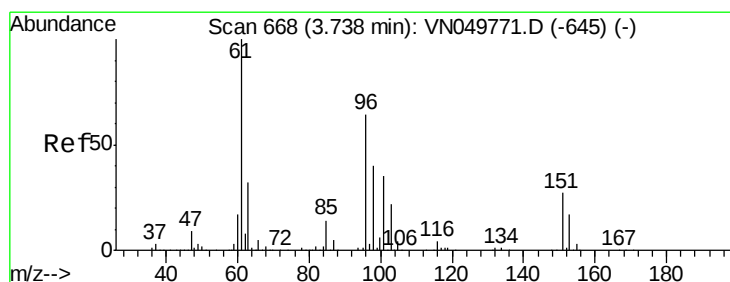
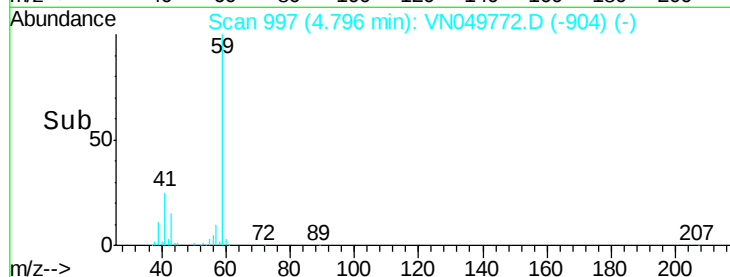
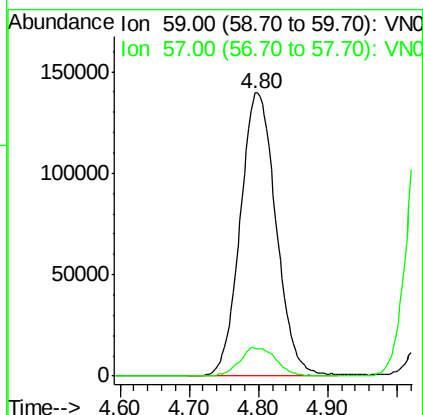
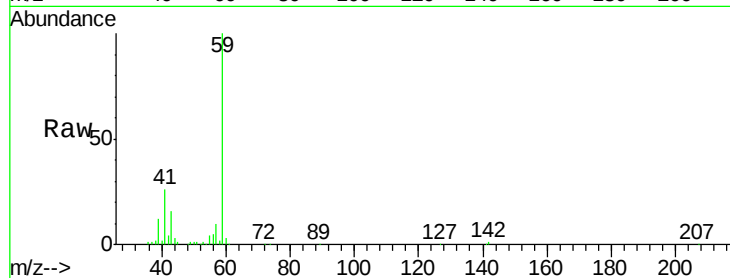


#11

Tert butyl alcohol
Concen: 493.562 ug/l
RT: 4.80 min Scan# 997
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Instrument :
MSVOA_N
ClientSampleId :

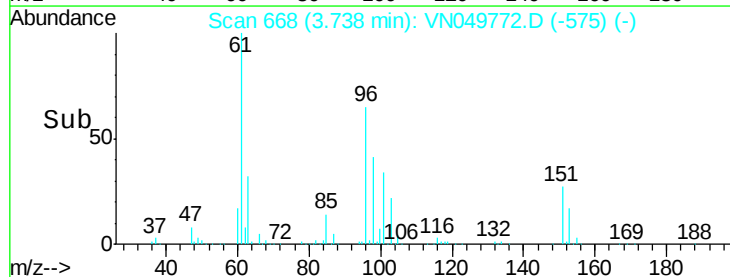
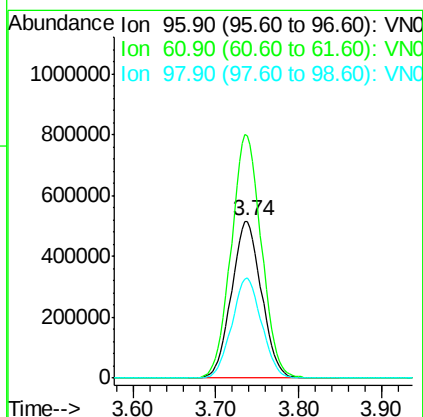
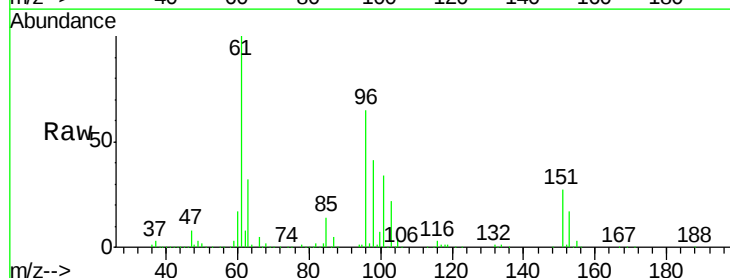
Tot Ion: 59 Resp: 501974
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

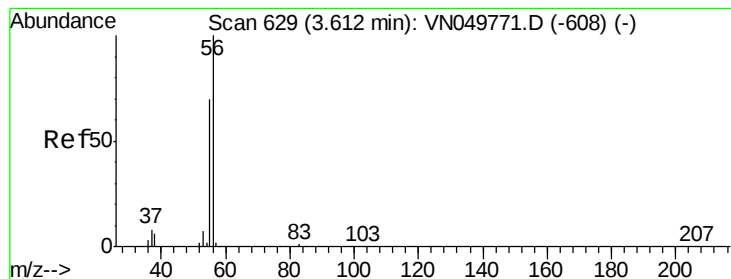


#12

1,1-Dichloroethene
Concen: 91.846 ug/l
RT: 3.74 min Scan# 668
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion: 96 Resp: 1297413
Ion Ratio Lower Upper
96 100
61 154.6 126.5 189.7
98 63.6 51.0 76.6





#13

Acrolein

Concen: 505.560 ug/l

RT: 3.61 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

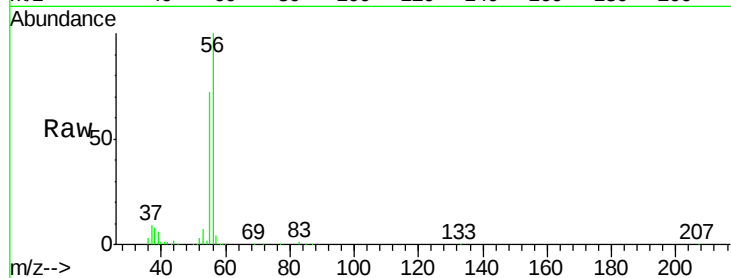
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 451618

Ion Ratio Lower Upper

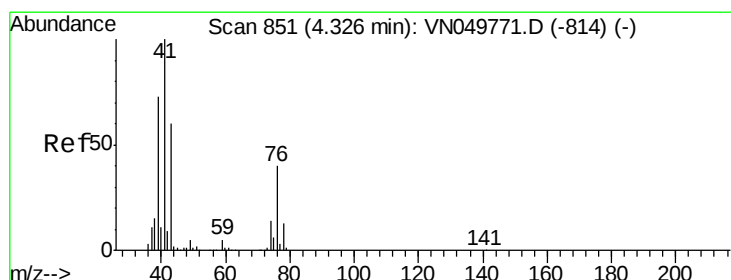
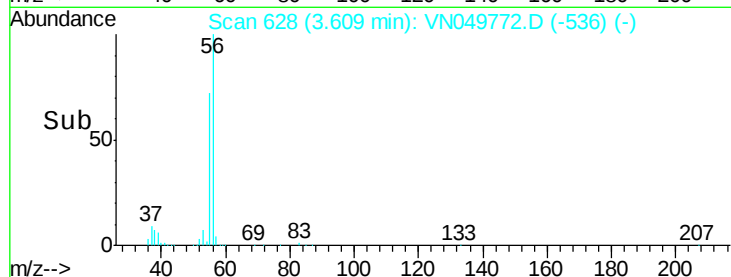
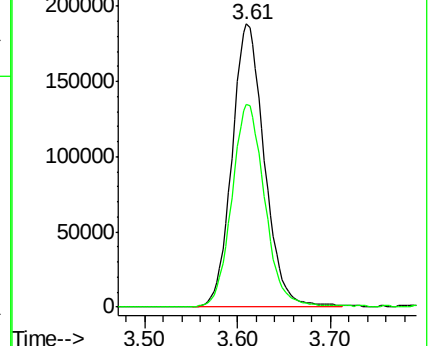
56 100

55 72.0 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 95.102 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

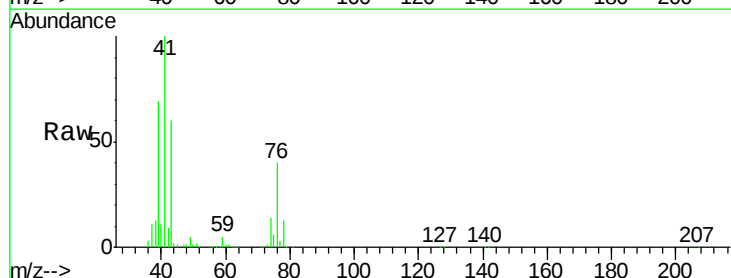
Tgt Ion: 41 Resp: 2192355

Ion Ratio Lower Upper

41 100

39 66.2 53.2 79.8

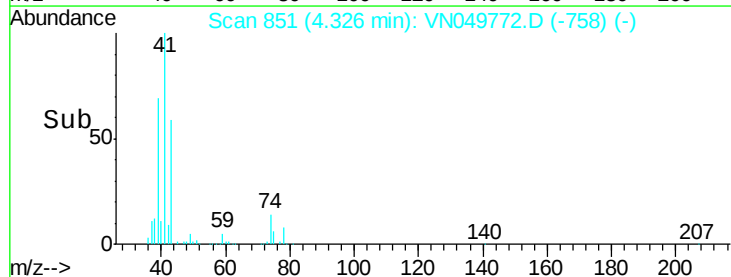
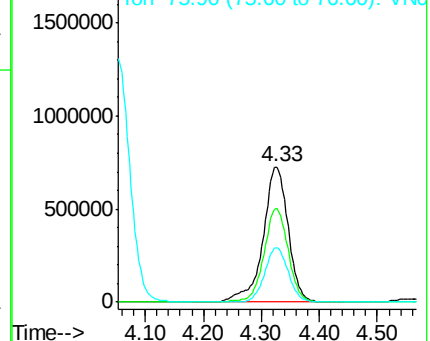
76 37.5 29.0 43.6

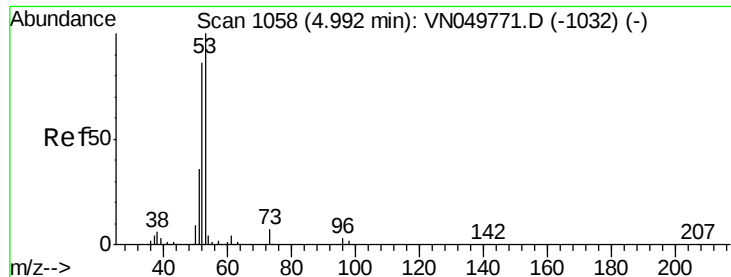


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 495.859 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :

MSVOA_N

ClientSampleId :

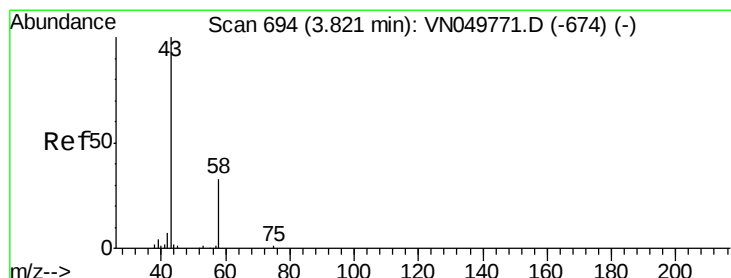
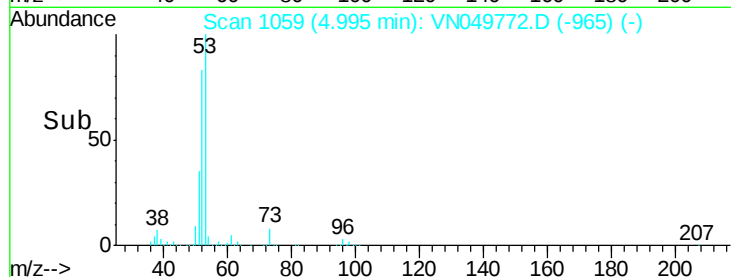
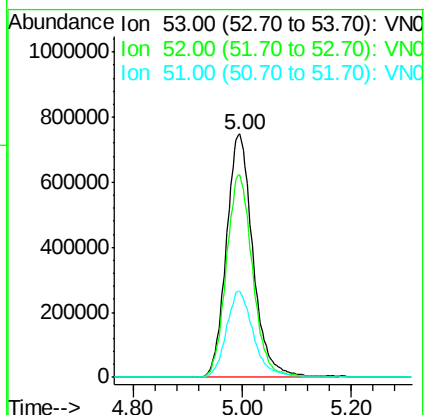
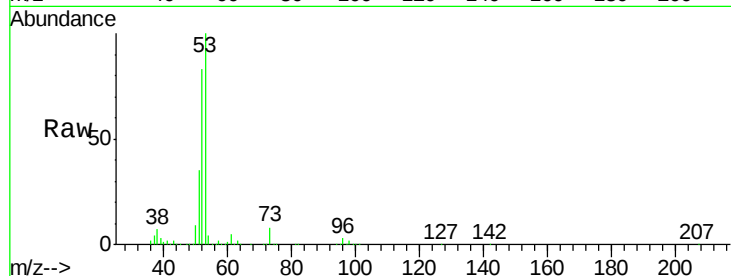
Tot Ion: 53 Resp: 2525578

Ion Ratio Lower Upper

53 100

52 82.5 64.8 97.2

51 36.3 28.9 43.3



#16

Acetone

Concen: 498.935 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049772.D

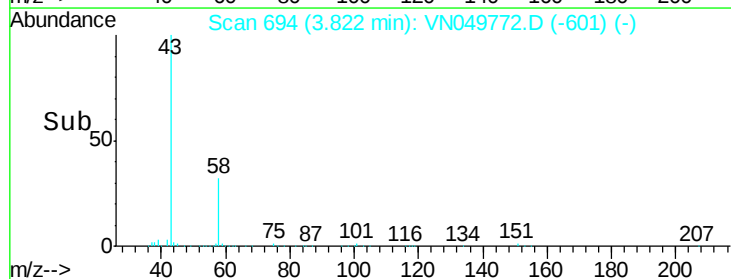
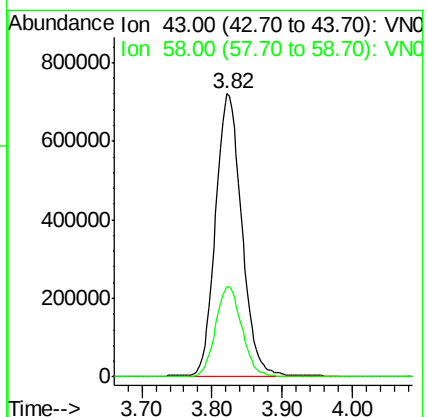
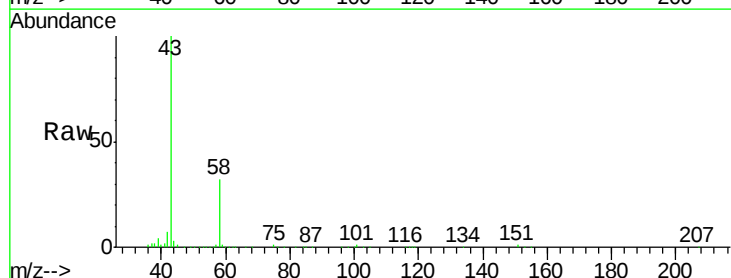
Acq: 12 Jul 2018 12:32

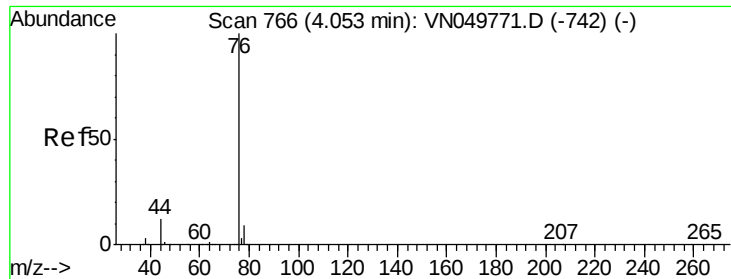
Tgt Ion: 43 Resp: 1858258

Ion Ratio Lower Upper

43 100

58 32.0 25.9 38.9

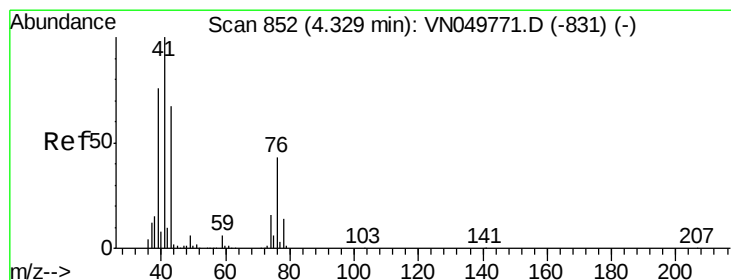
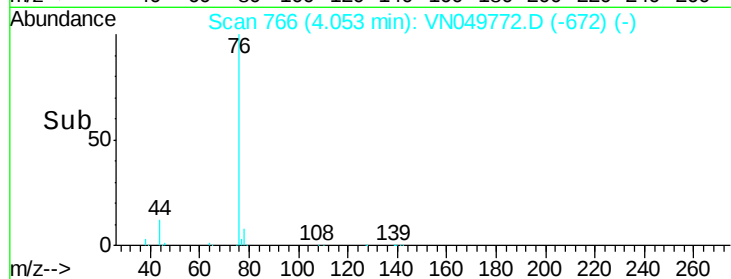
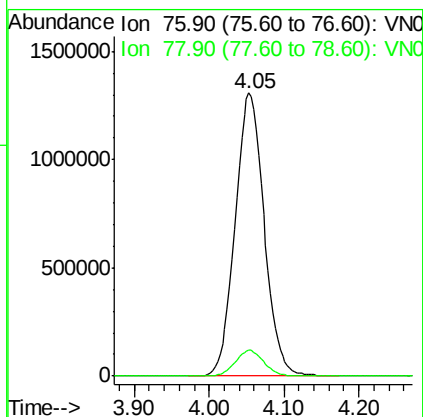
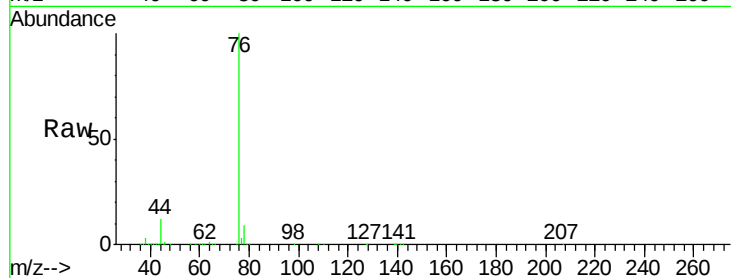




#17
Carbon Disulfide
Concen: 97.800 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

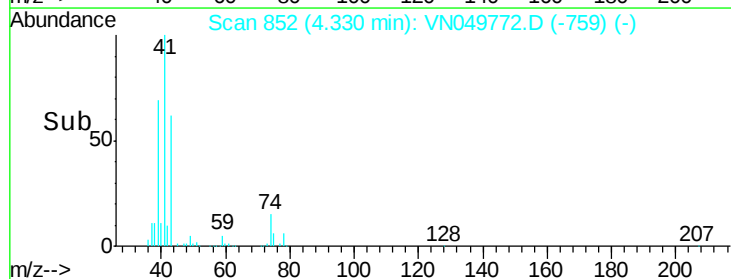
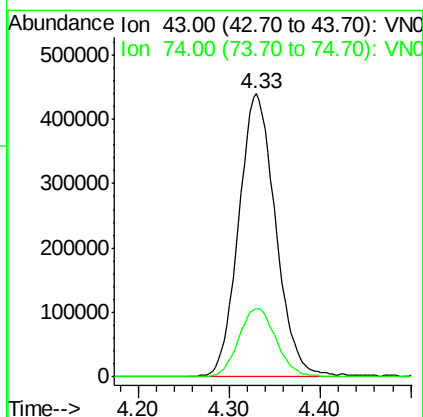
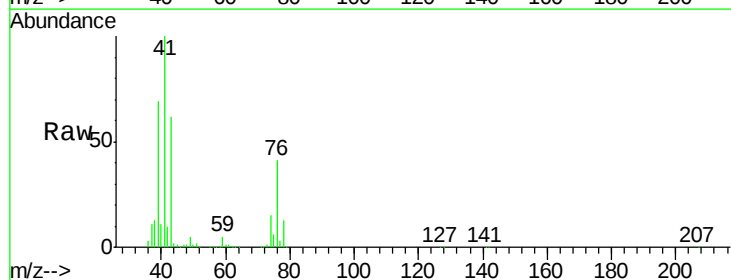
Instrument :
MSVOA_N
ClientSampled :

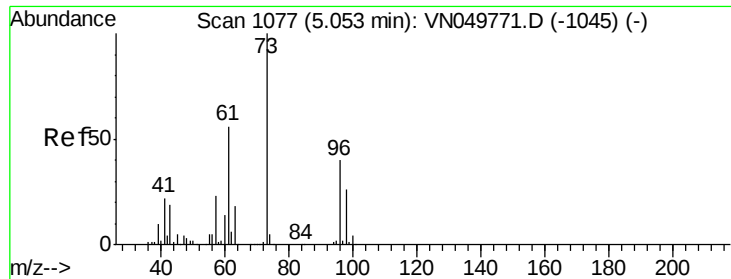
Tot Ion: 76 Resp: 3524016
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 97.635 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion: 43 Resp: 1230249
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.8

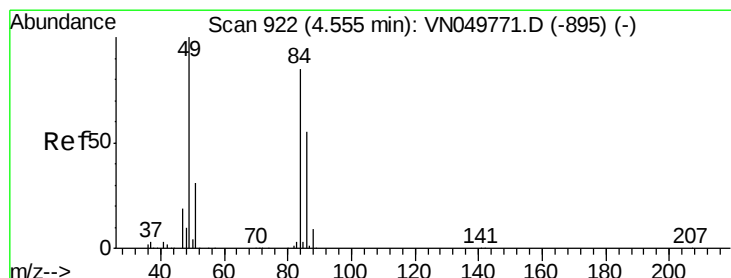
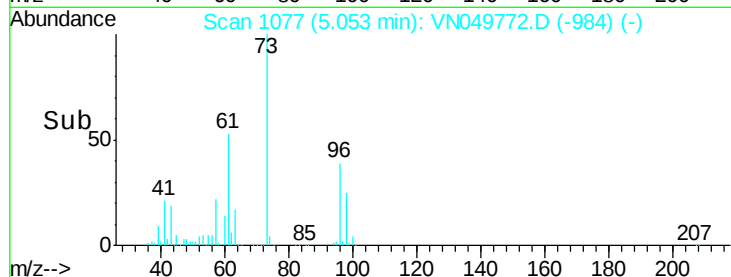
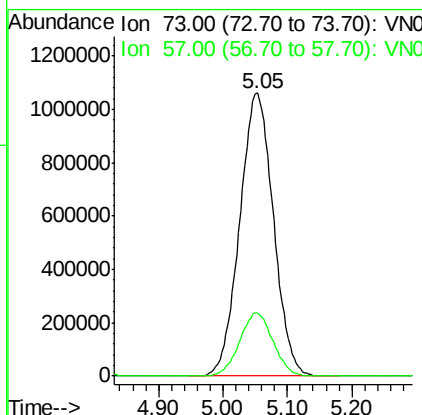
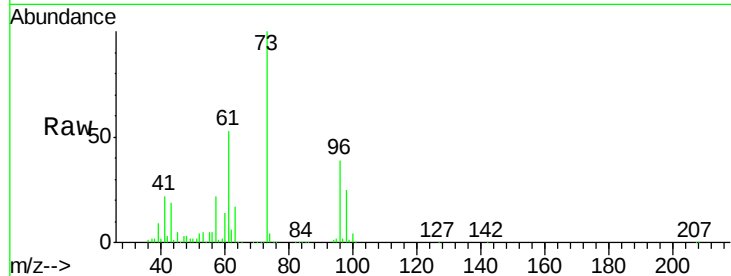




#19
Methvl tert-butvl Ether
Concen: 98.428 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

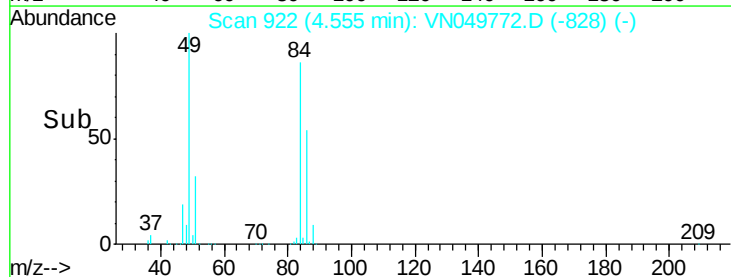
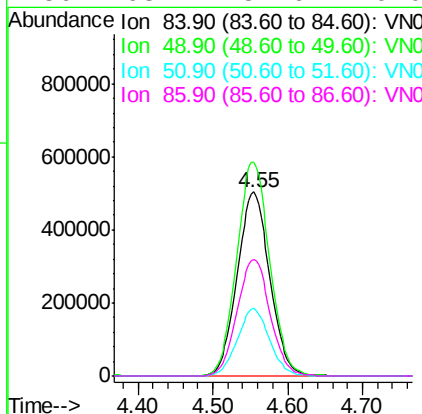
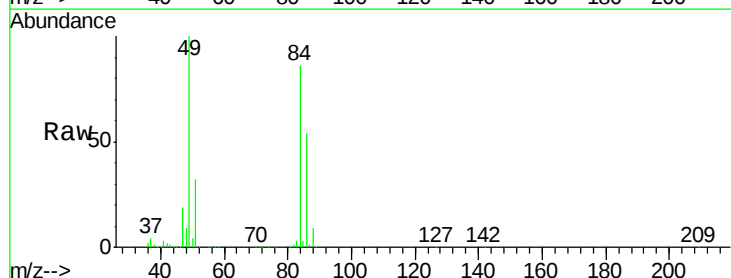
Instrument :
MSVOA_N
ClientSampleId :

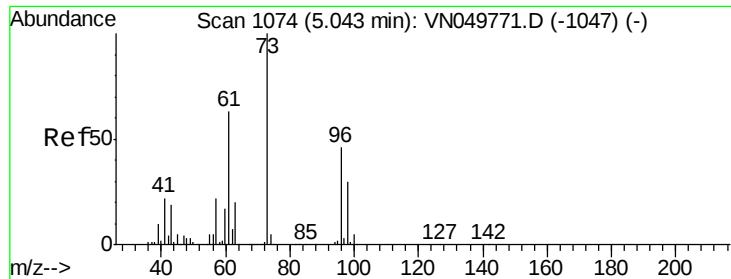
Tot Ion: 73 Resp: 3856857
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1



#20
Methylene Chloride
Concen: 98.699 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion: 84 Resp: 1524746
Ion Ratio Lower Upper
84 100
49 115.9 95.4 143.2
51 36.7 28.4 42.6
86 63.2 52.6 79.0



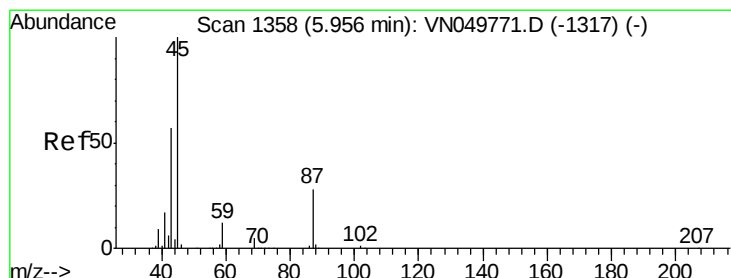
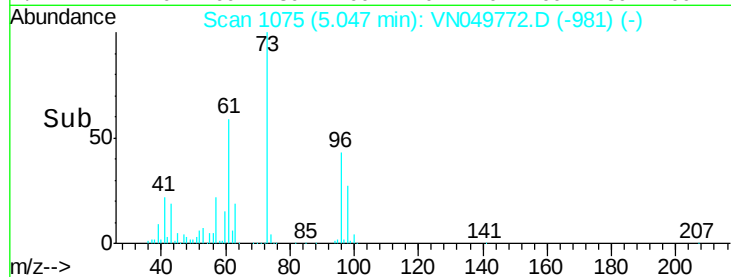
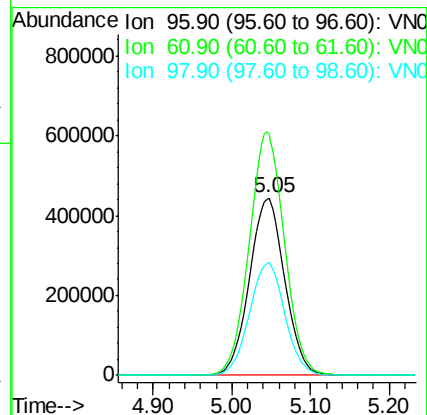
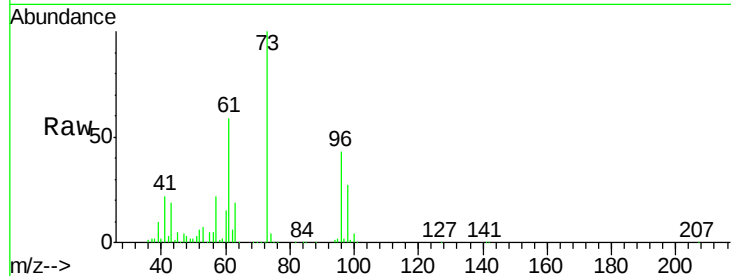


#21

trans-1,2-Dichloroethene
Concen: 91.216 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Instrument :
MSVOA_N
ClientSampleId :

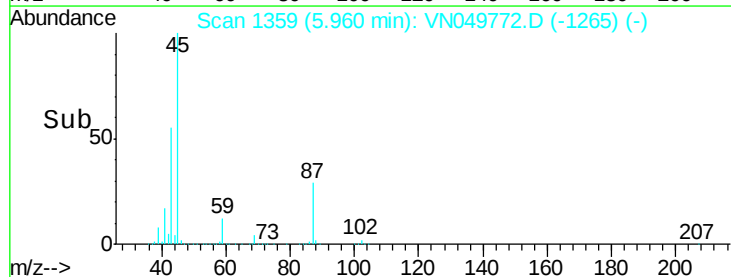
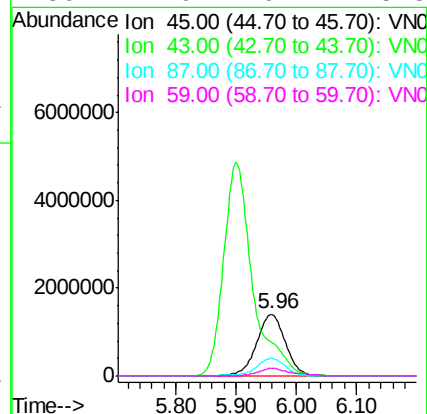
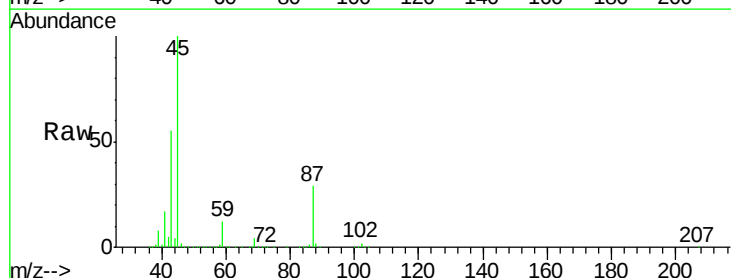
Tot Ion: 96 Resp: 1408415
Ion Ratio Lower Upper
96 100
61 136.0 109.0 163.6
98 63.6 51.1 76.7

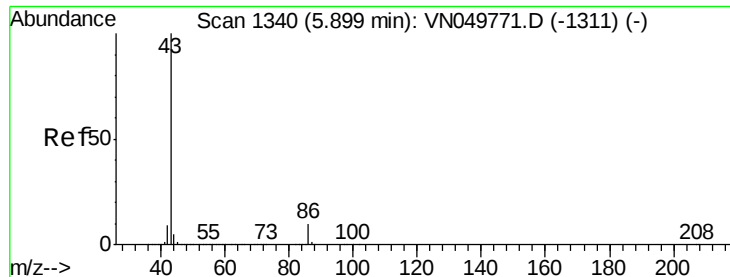


#22

Diisopropyl ether
Concen: 99.861 ug/l
RT: 5.96 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion: 45 Resp: 4728866
Ion Ratio Lower Upper
45 100
43 54.5 48.1 72.1
87 28.4 22.6 34.0
59 11.9 9.2 13.8





#23

Vinyl Acetate

Concen: 513.353 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

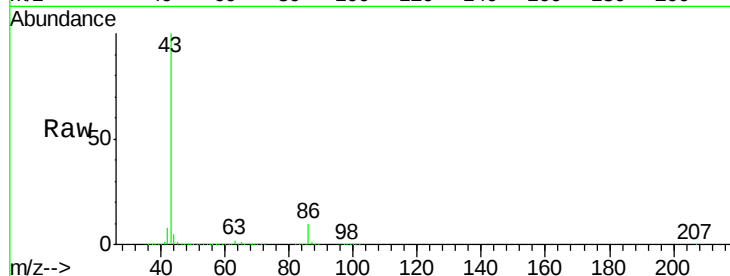
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp:16290825

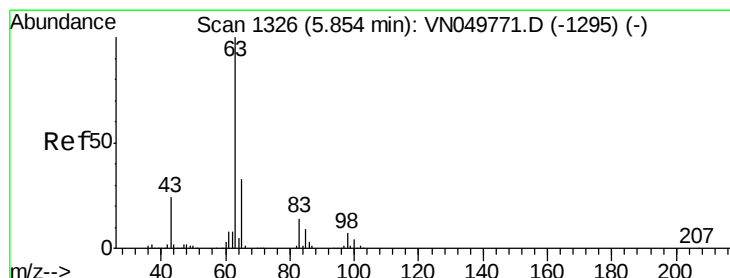
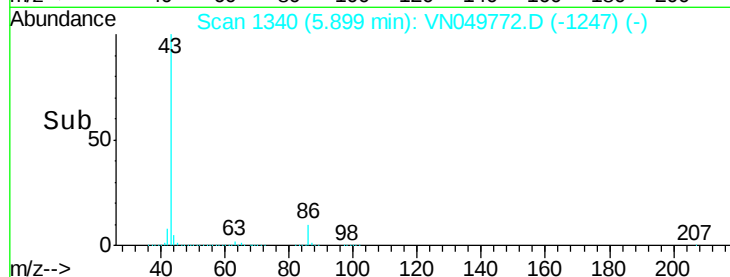
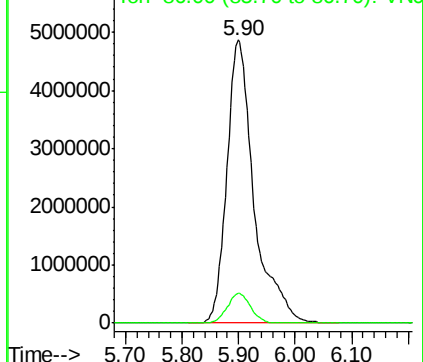
Ion Ratio Lower Upper

43 100

86 10.5 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 91.714 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

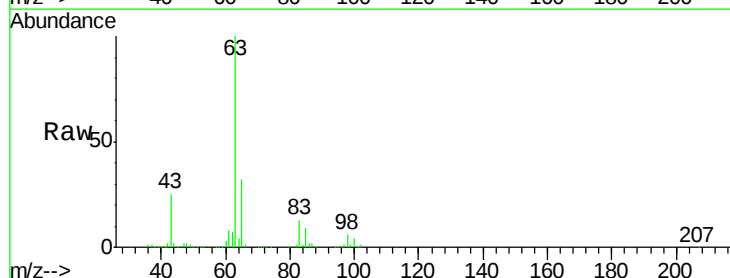
Tgt Ion: 63 Resp: 2728442

Ion Ratio Lower Upper

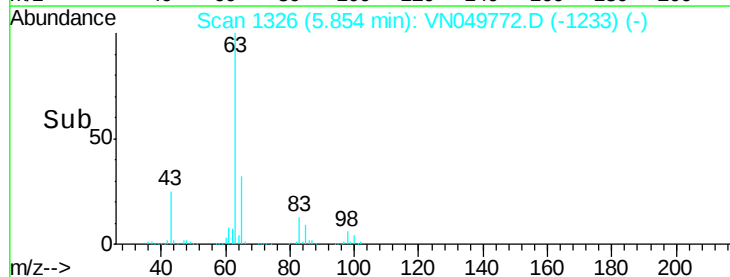
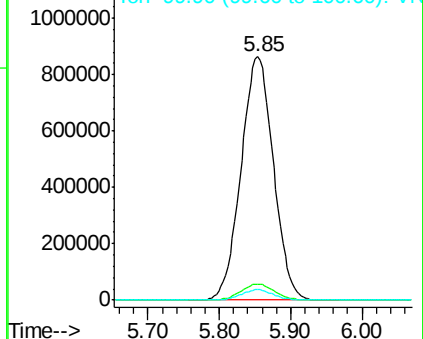
63 100

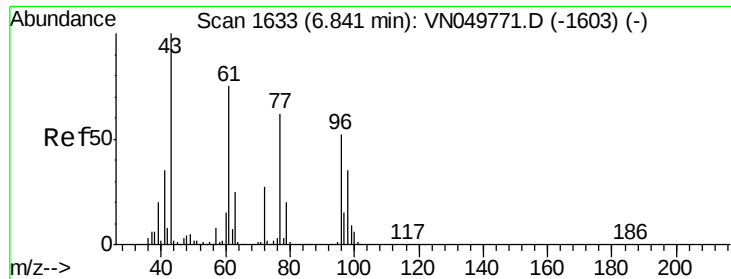
98 6.5 3.4 10.2

100 4.3 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 497.457 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :

MSVOA_N

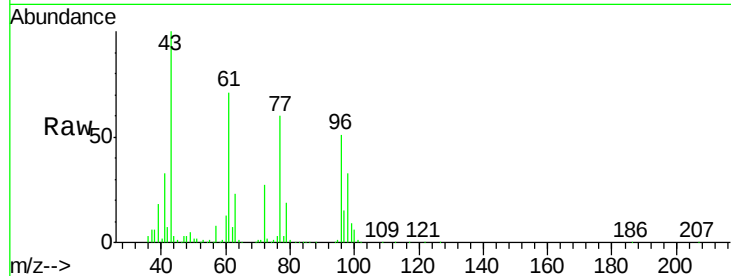
ClientSampled :

Tot Ion: 43 Resp: 2945813

Ion Ratio Lower Upper

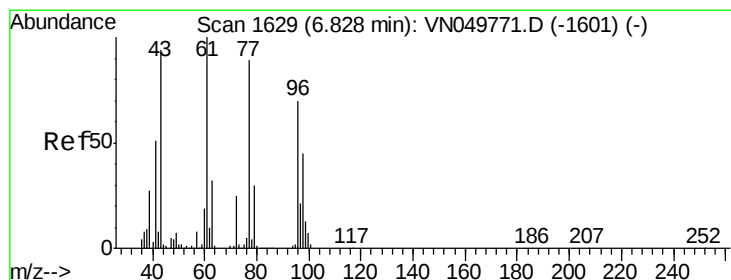
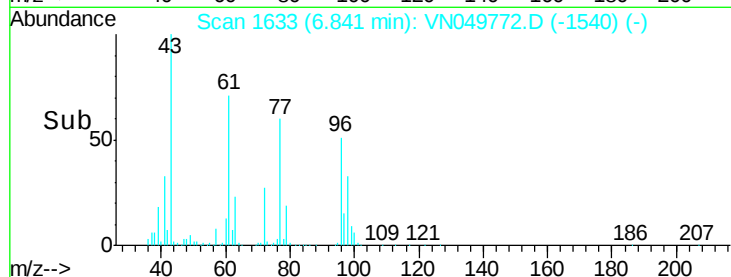
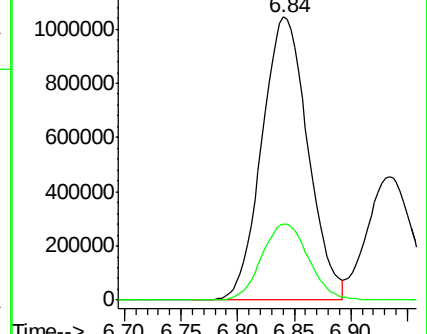
43 100

72 27.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 94.246 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049772.D

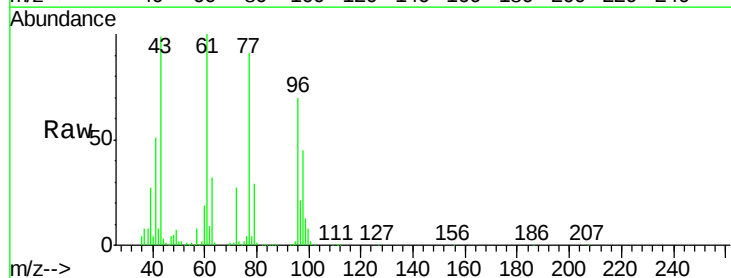
Acq: 12 Jul 2018 12:32

Tgt Ion: 77 Resp: 2327022

Ion Ratio Lower Upper

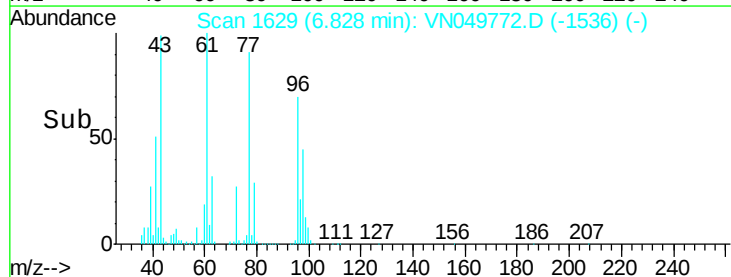
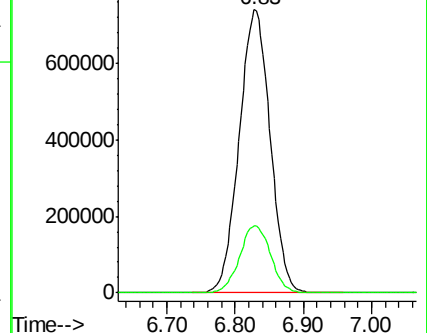
77 100

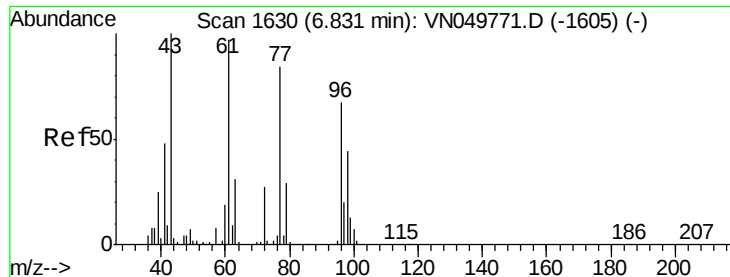
97 23.8 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 94.701 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

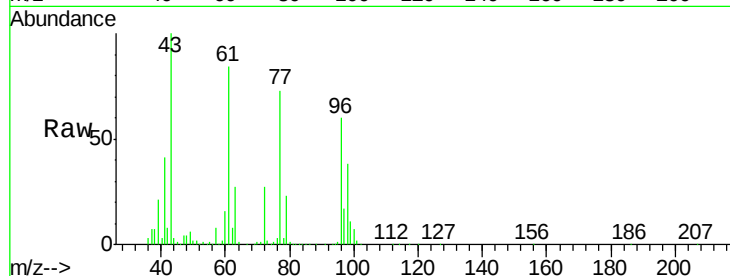
Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 1672289

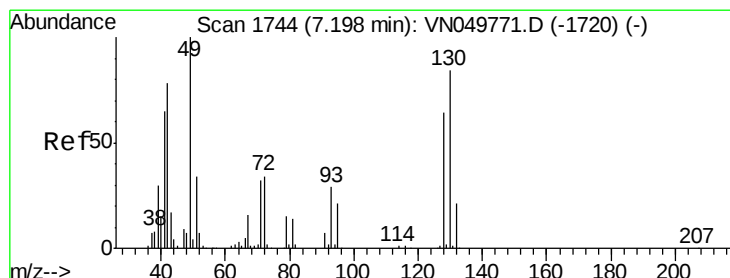
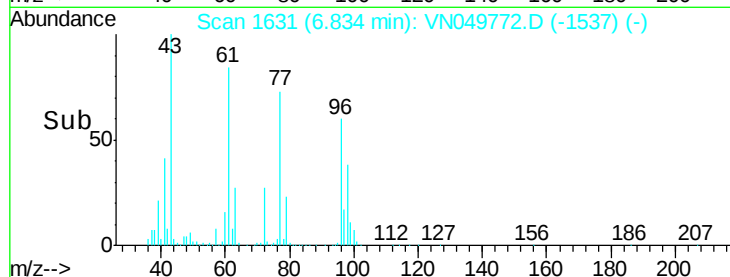
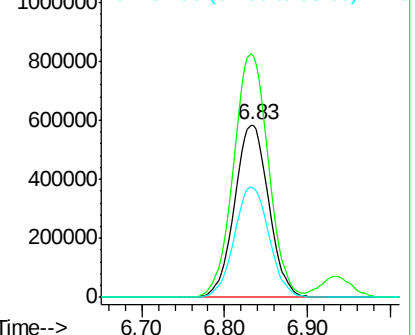
Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	289.0
98	65.1	0.0	130.2



Abundance Ion 95.90 (95.60 to 96.60): VN049772.D (-1630) (-)

Ion 60.90 (60.60 to 61.60): VN049772.D (-1630) (-)

Ion 97.90 (97.60 to 98.60): VN049772.D (-1630) (-)



#28

Bromochloromethane

Concen: 92.979 ug/l

RT: 7.20 min Scan# 1744

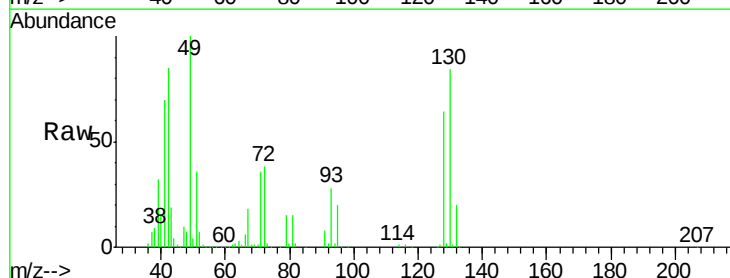
Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Tgt Ion: 49 Resp: 1258084

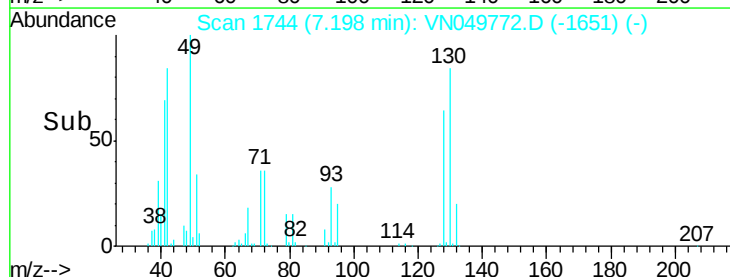
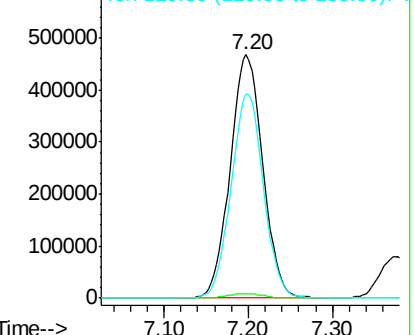
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	83.4	65.5	98.3

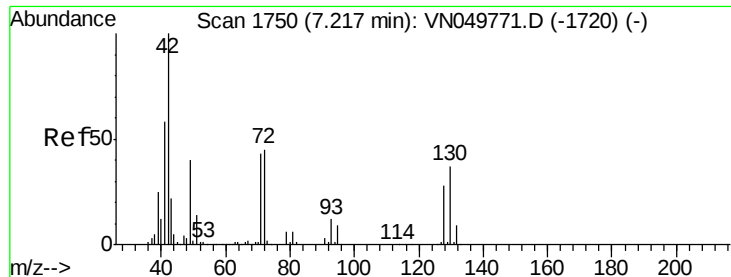


Abundance Ion 48.90 (48.60 to 49.60): VN049772.D (-1744) (-)

Ion 128.80 (128.50 to 129.50): VN049772.D (-1744) (-)

Ion 129.80 (129.50 to 130.50): VN049772.D (-1744) (-)

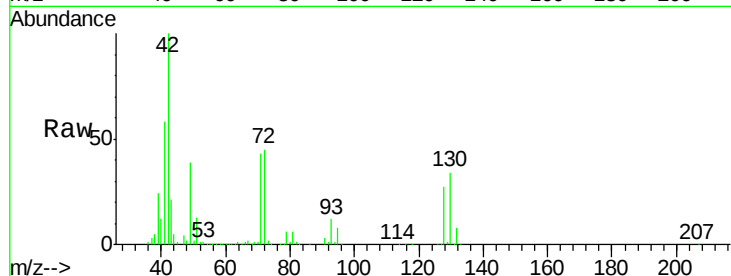




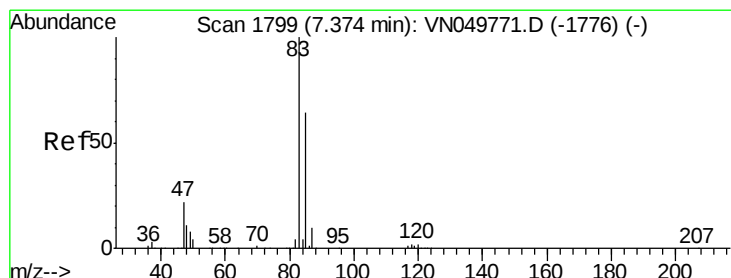
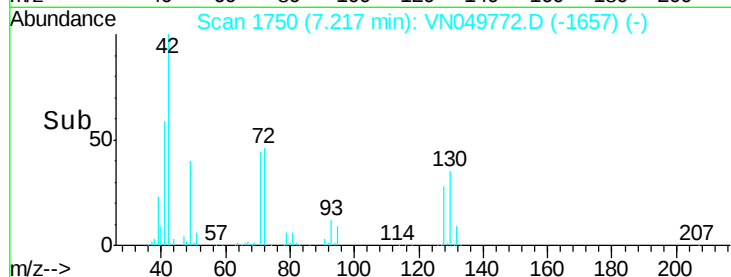
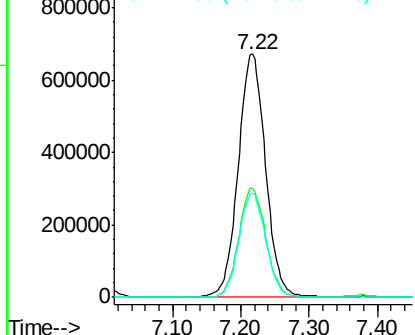
#29
Tetrahydrofuran
Concen: 503.745 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 1873202
Ion Ratio Lower Upper
42 100
72 44.4 35.6 53.4
71 42.2 34.0 51.0

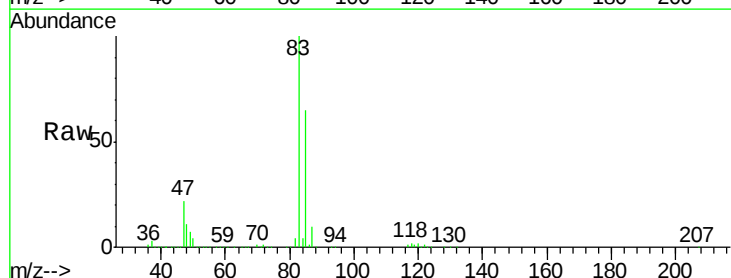


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

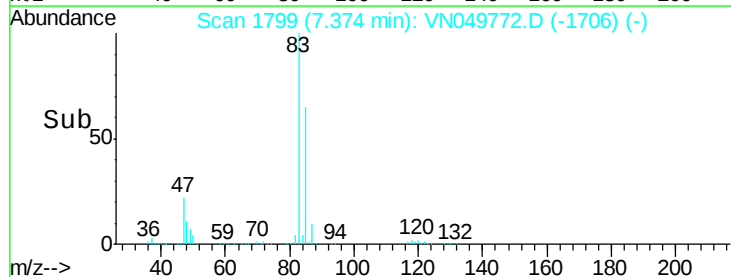
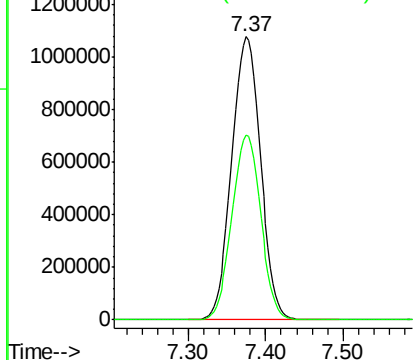


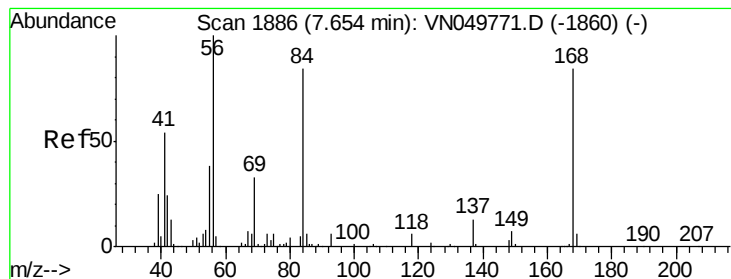
#30
Chloroform
Concen: 91.139 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion: 83 Resp: 2793669
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.2



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





#31

Cyclohexane

Concen: 97.071 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

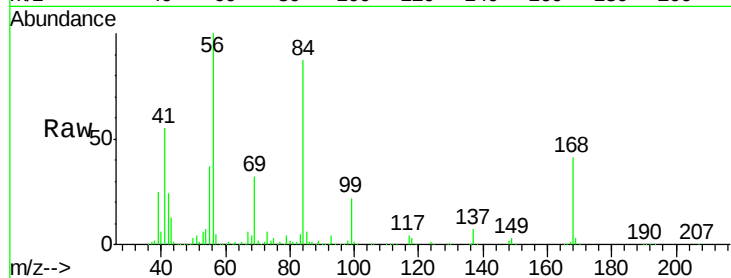
Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 2292710

Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.6	40.0
84	85.6	69.0	103.6

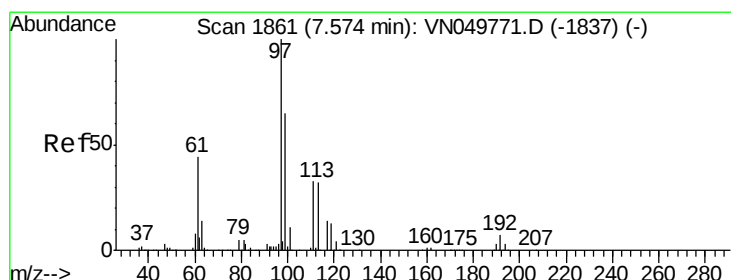
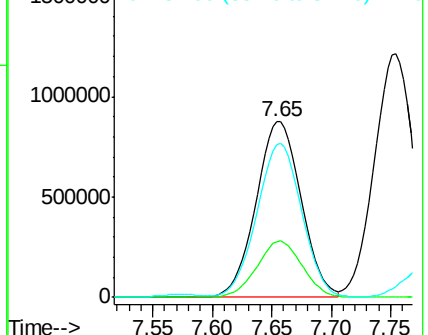
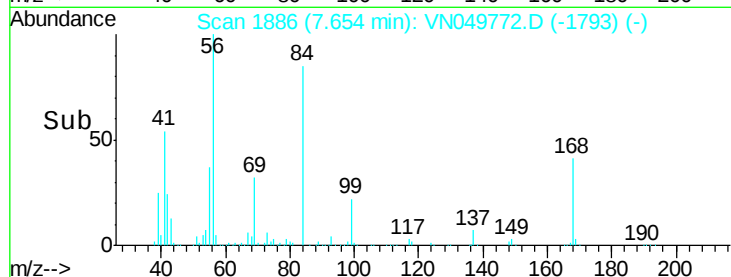


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 92.794 ug/l

RT: 7.57 min Scan# 1861

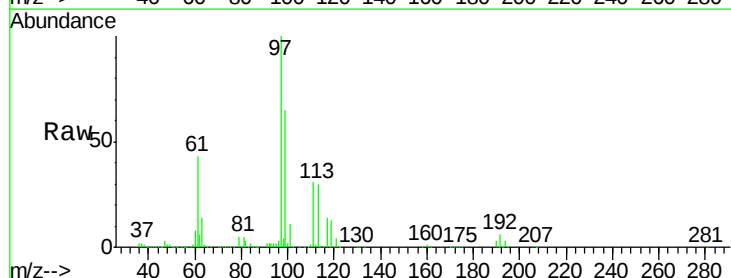
Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Tgt Ion: 97 Resp: 2415702

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	43.1	35.5	53.3

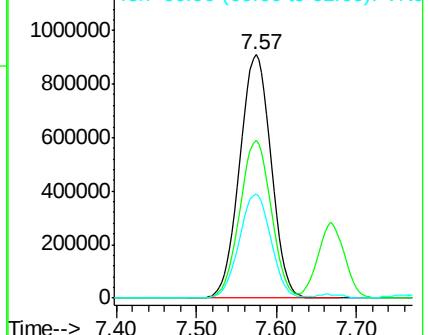
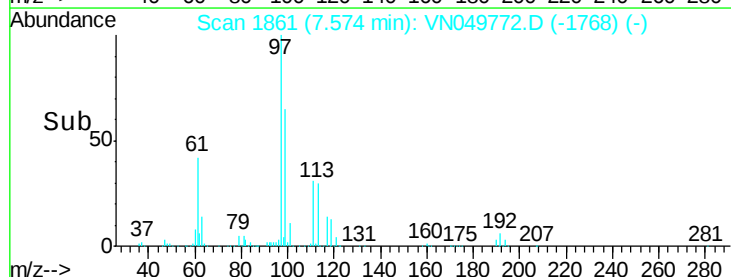


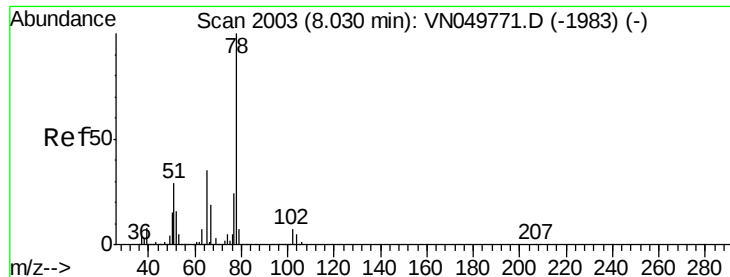
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

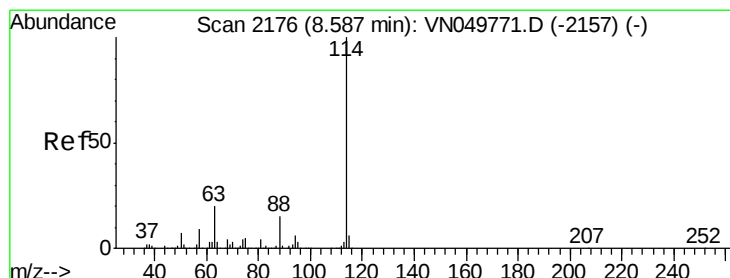
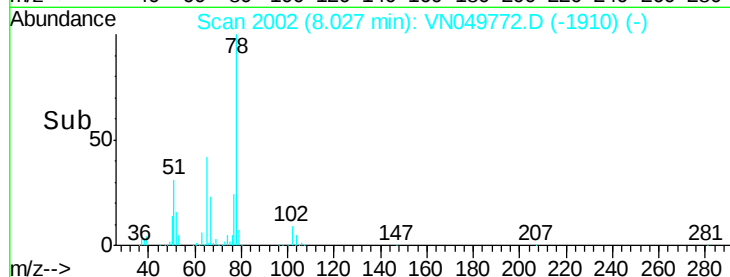
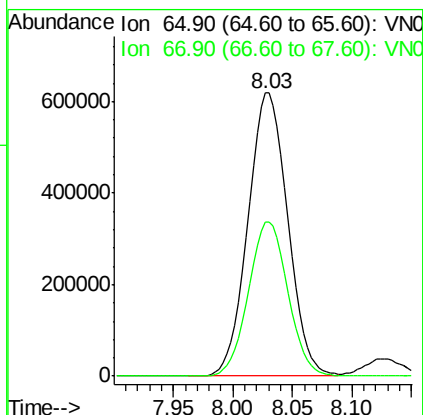
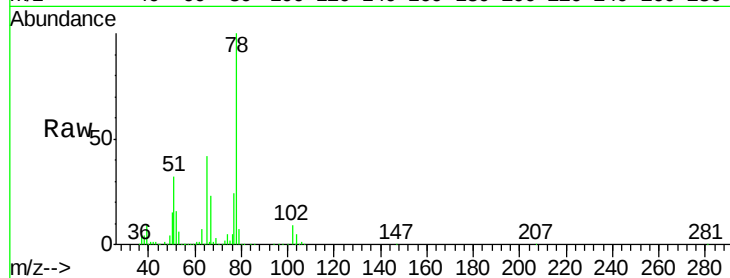




#33
 1,2-Dichloroethane-d4
 Concen: 94.307 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049772.D
 Acq: 12 Jul 2018 12:32

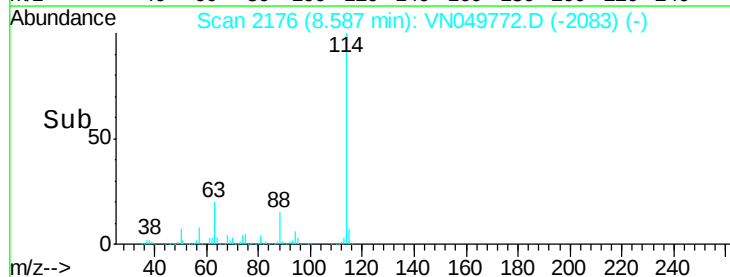
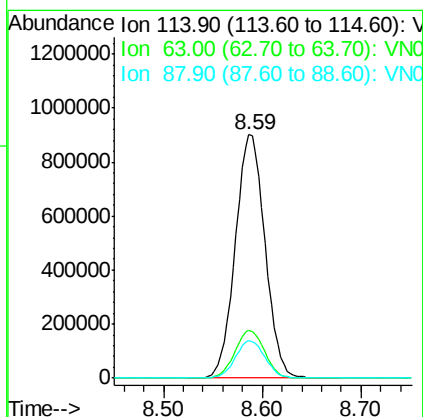
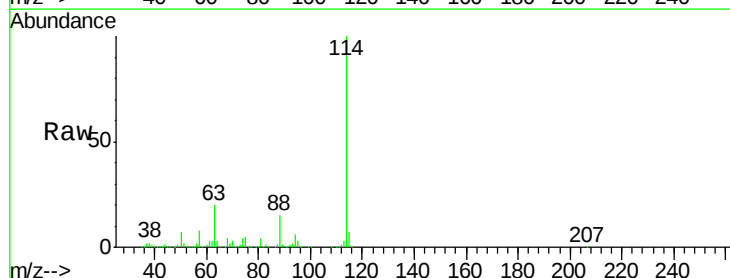
Instrument :
 MSVOA_N
 ClientSampleId :

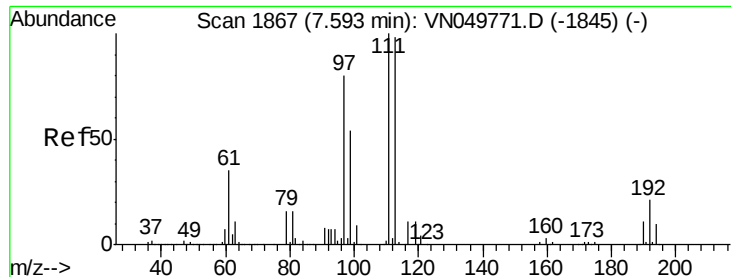
Tot Ion: 65 Resp: 1433078
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049772.D
 Acq: 12 Jul 2018 12:32

Tgt Ion: 114 Resp: 1879651
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.2 0.0 30.6

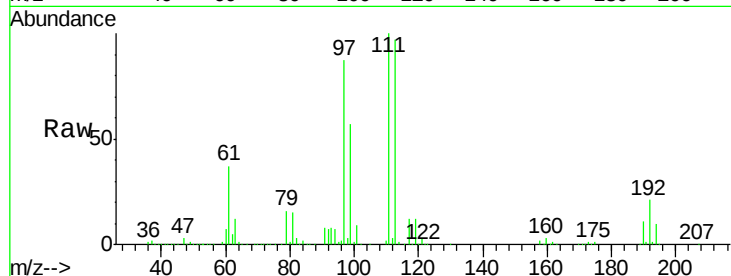




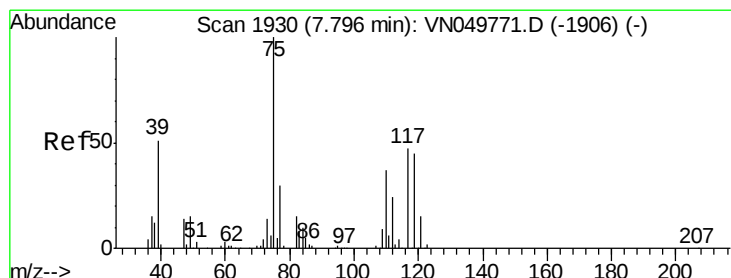
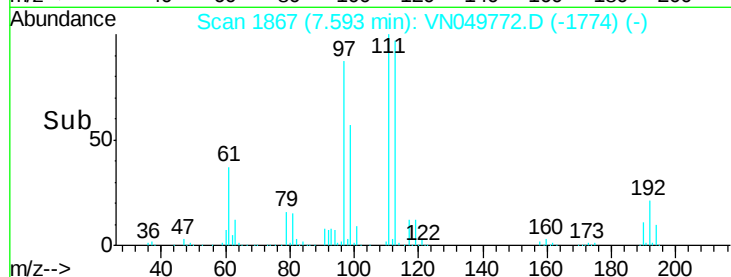
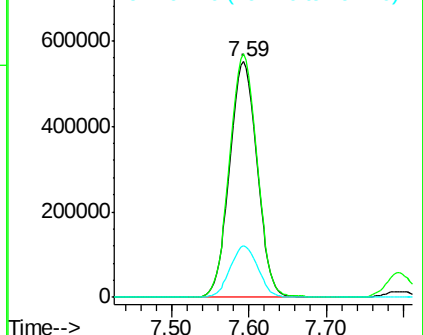
#35
 Dibromofluoromethane
 Concen: 95.914 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049772.D
 Acq: 12 Jul 2018 12:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 1358956
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.8
 192 22.1 17.8 26.6

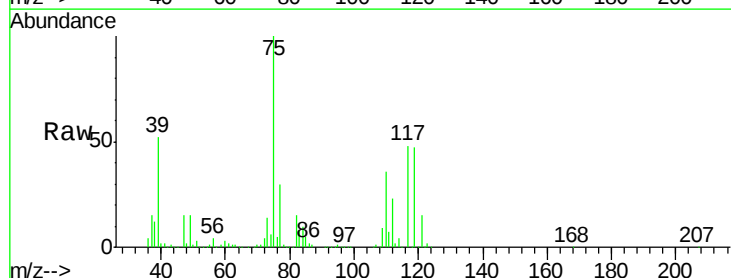


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

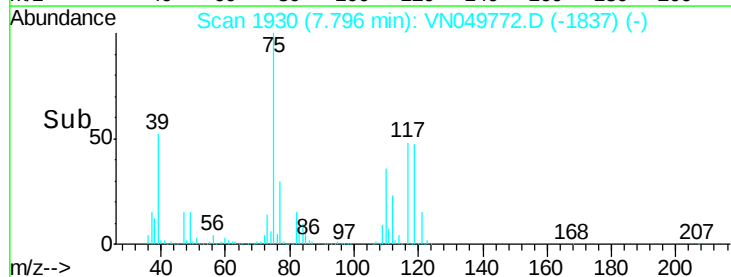
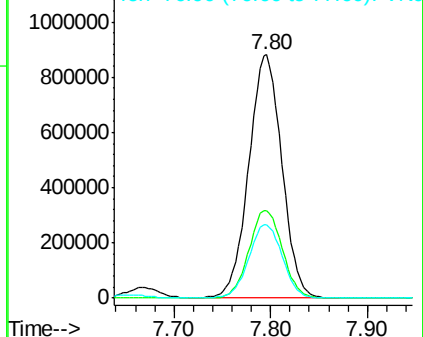


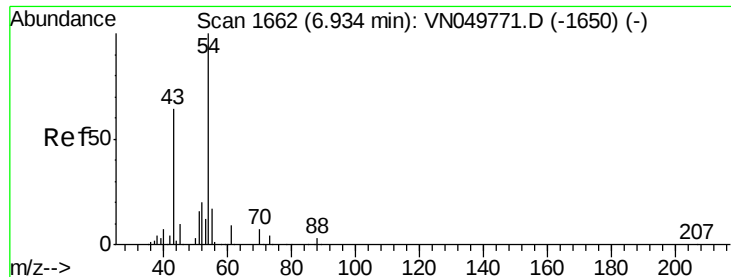
#36
 1,1-Dichloropropene
 Concen: 96.376 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN049772.D
 Acq: 12 Jul 2018 12:32

Tgt Ion: 75 Resp: 2087584
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.1 54.4
 77 30.8 24.9 37.3



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

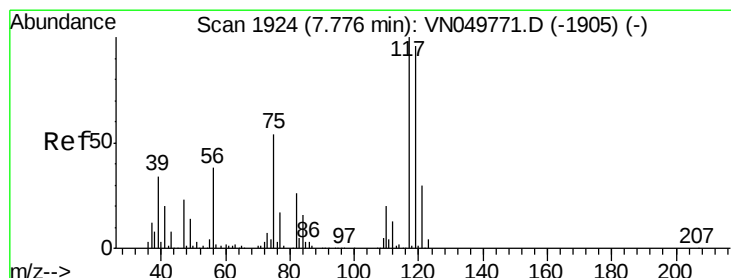
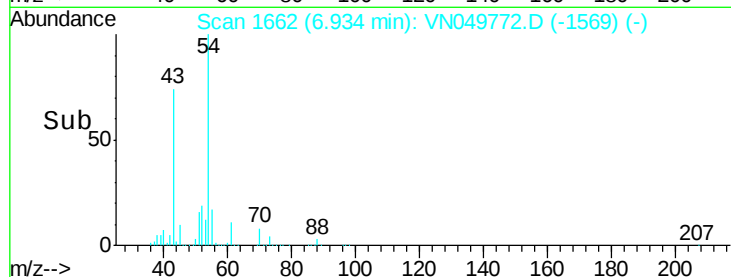
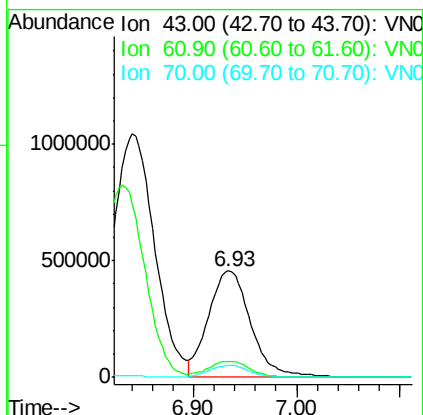
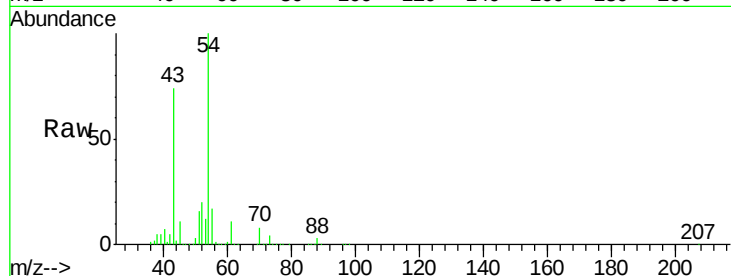




#37
Ethyl Acetate
Concen: 100.119 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

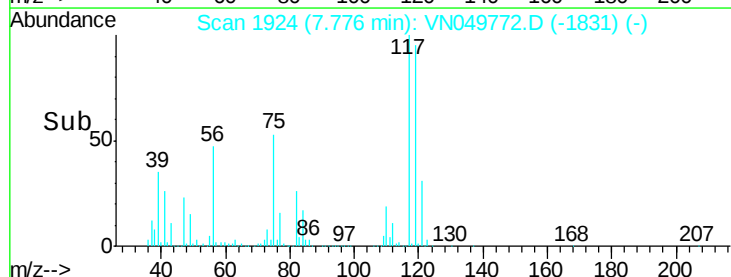
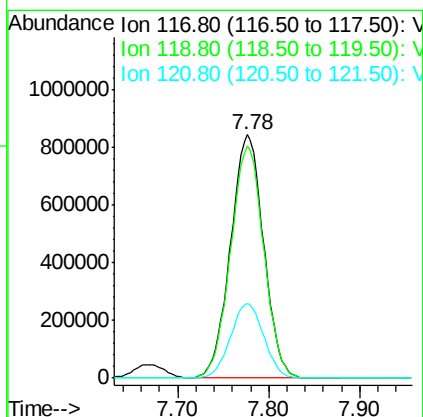
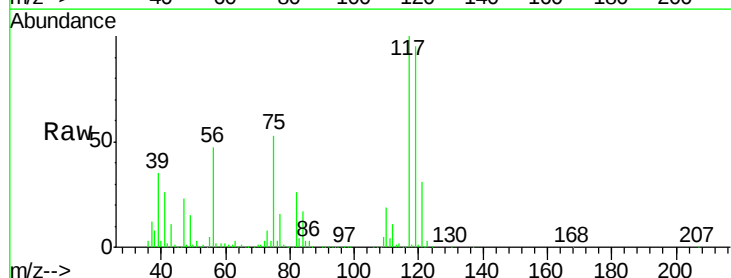
Instrument :
MSVOA_N
ClientSampleId :

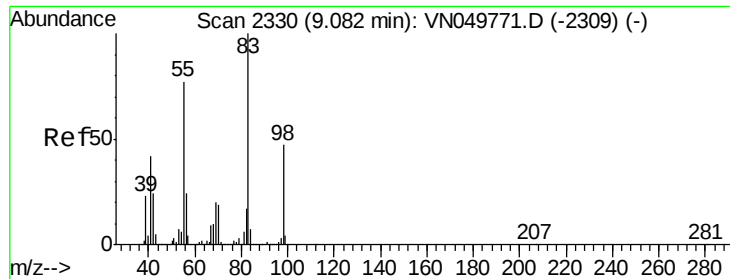
Tot Ion: 43 Resp: 1283656
Ion Ratio Lower Upper
43 100
61 14.4 11.7 17.5
70 10.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 93.758 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion: 117 Resp: 2122989
Ion Ratio Lower Upper
117 100
119 95.4 77.2 115.8
121 30.7 25.0 37.6

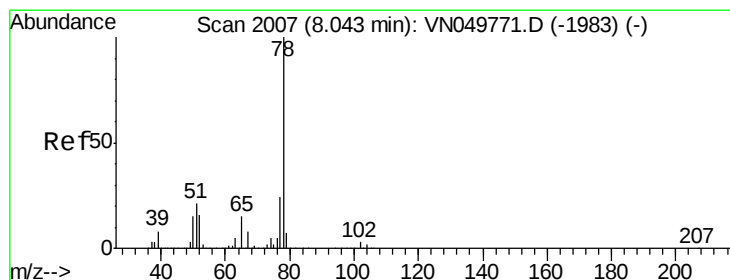
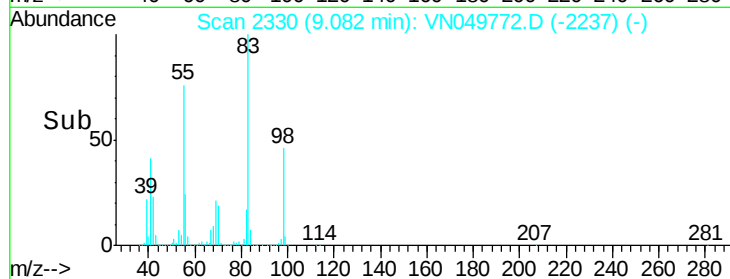
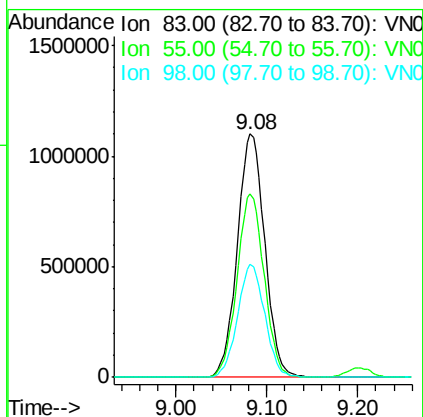
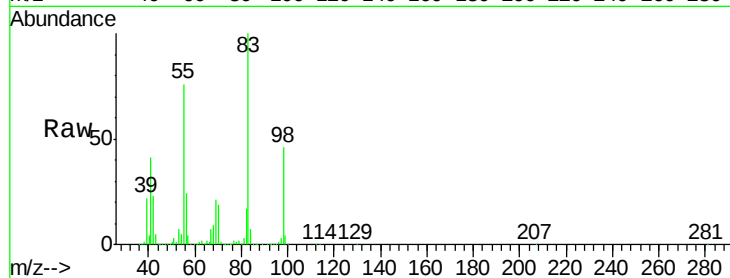




#39
Methvlcvclohexane
Concen: 100.875 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

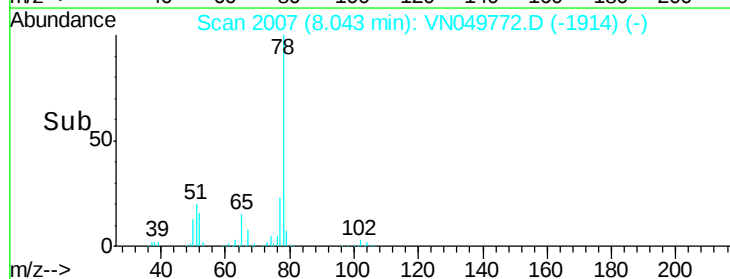
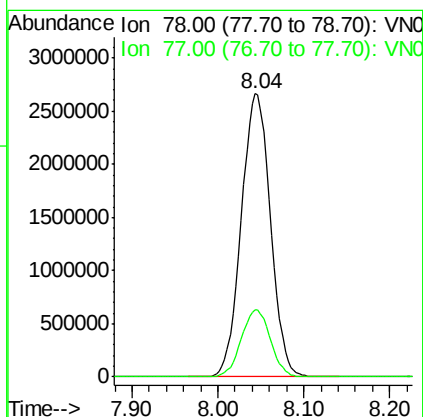
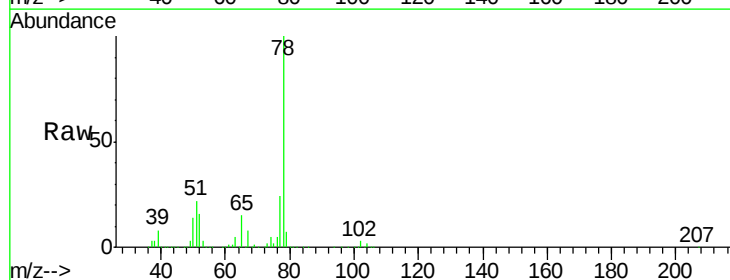
Instrument :
MSVOA_N
ClientSampleId :

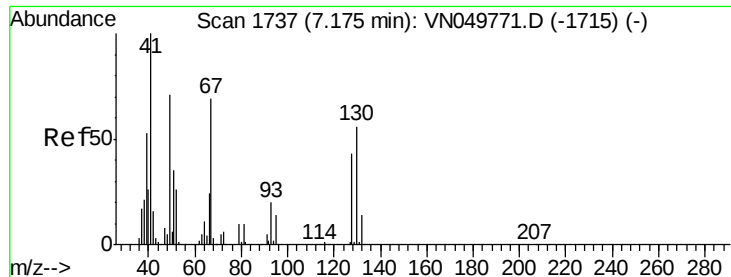
Tot Ion: 83 Resp: 2303137
Ion Ratio Lower Upper
83 100
55 75.6 59.7 89.5
98 46.3 36.5 54.7



#40
Benzene
Concen: 96.795 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion: 78 Resp: 6272122
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

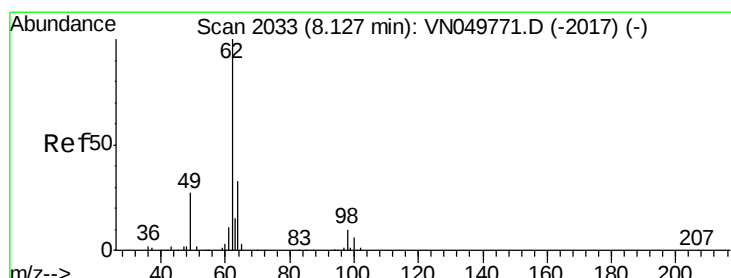
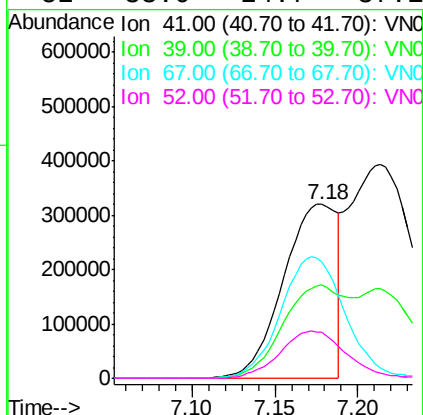
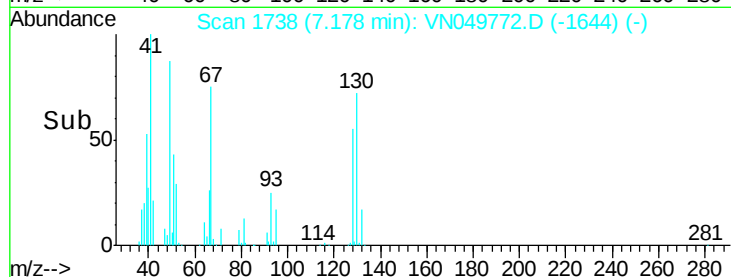
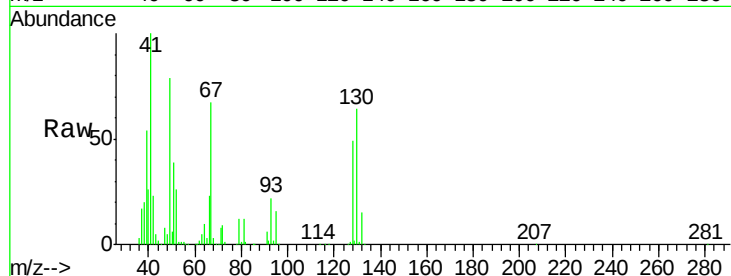




#41
Methacrylonitrile
Concen: 99.057 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

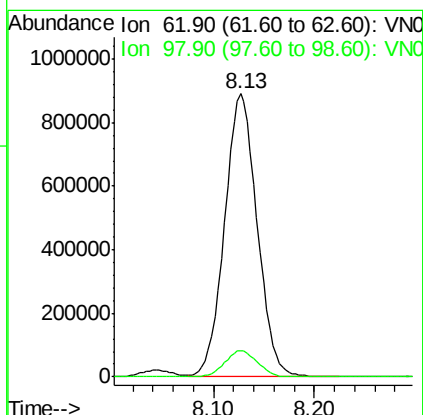
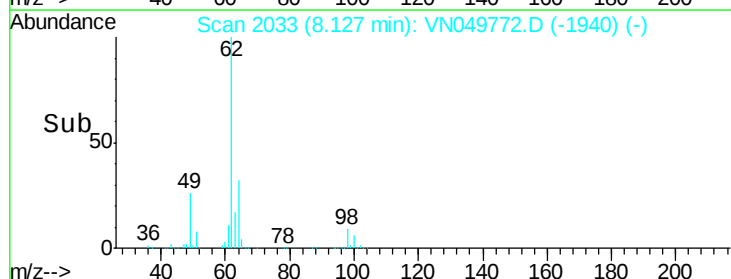
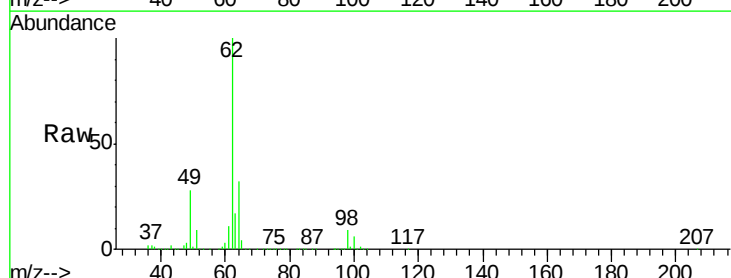
Instrument :
MSVOA_N
ClientSampleId :

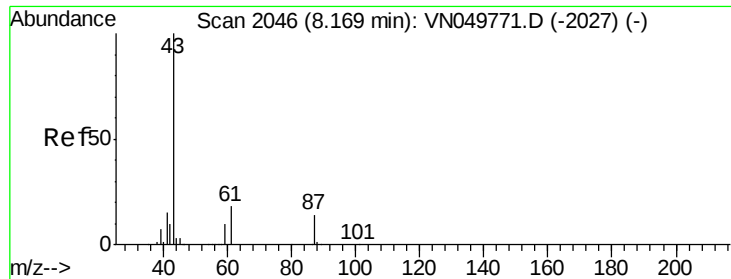
Tot Ion:	41	Resp:	718407
Ion	Ratio	Lower	Upper
41	100		
39	65.4	45.4	68.2
67	84.0	65.4	98.0
52	33.0	24.7	37.1



#42
1,2-Dichloroethane
Concen: 94.090 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion:	62	Resp:	1994282
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0





#43

Isopropyl Acetate

Concen: 101.440 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

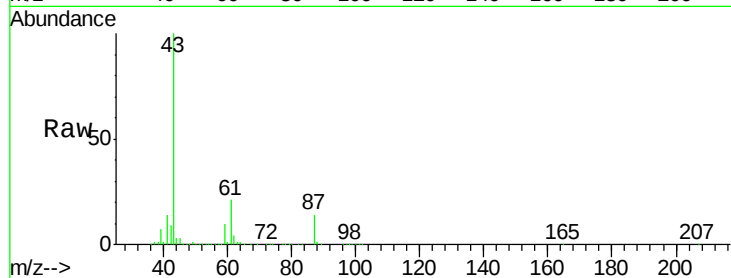
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 2337747

Ion	Ratio	Lower	Upper
43	100		
61	20.7	14.9	22.3
87	13.8	10.0	15.0

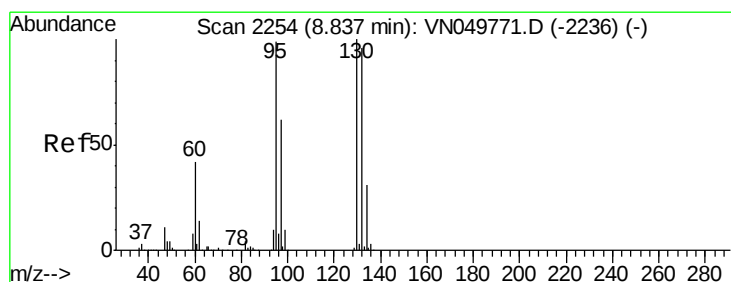
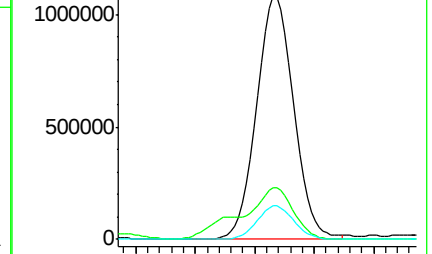
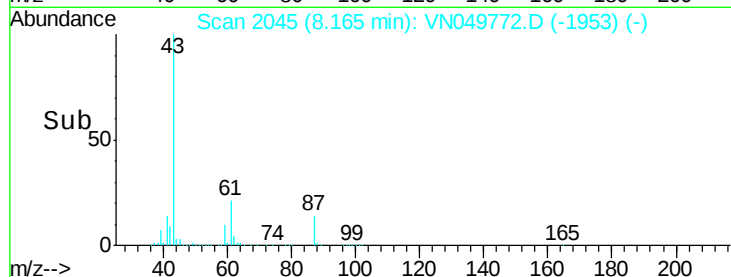


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 94.564 ug/l

RT: 8.84 min Scan# 2254

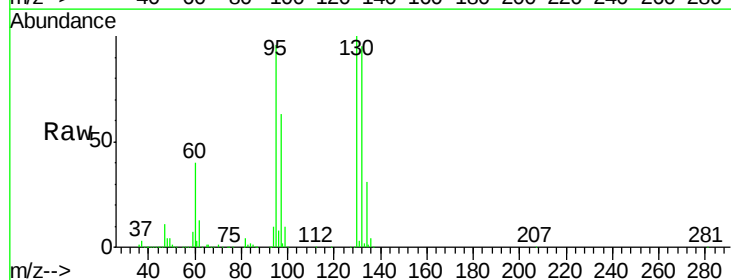
Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Tgt Ion:130 Resp: 1649922

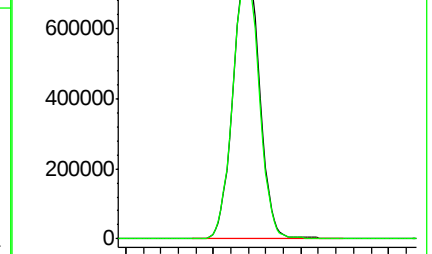
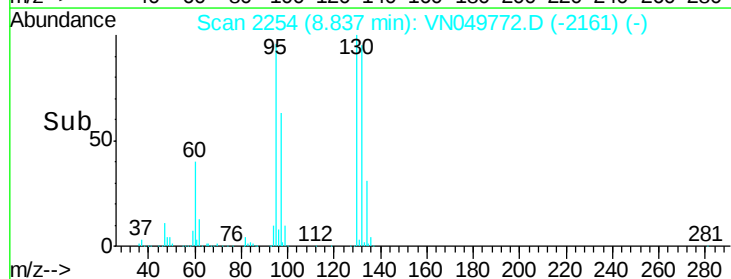
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	192.8

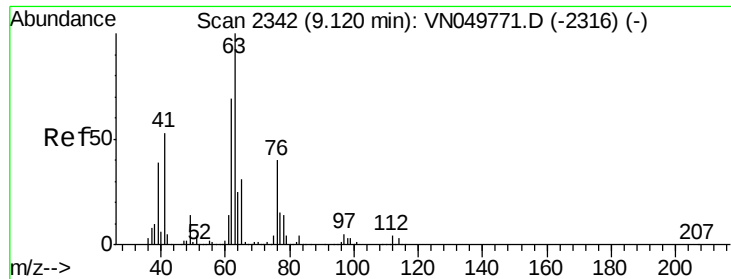


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 96.198 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

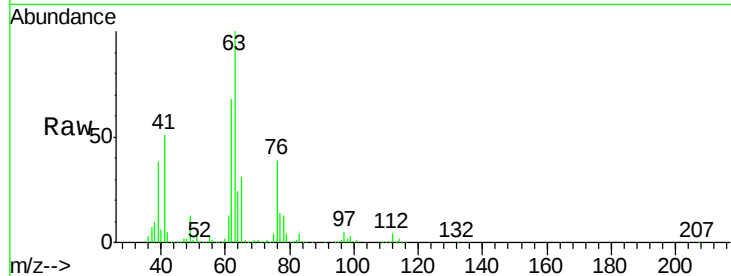
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 1675208

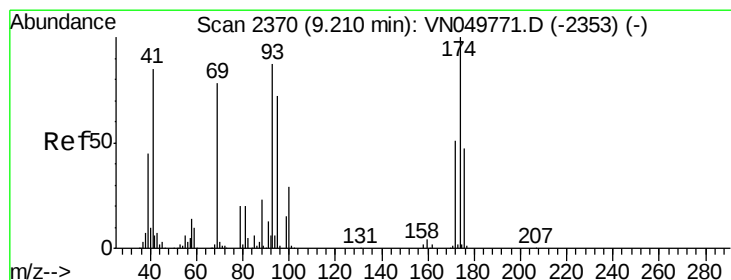
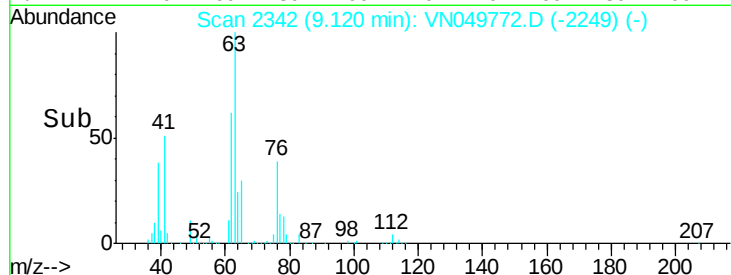
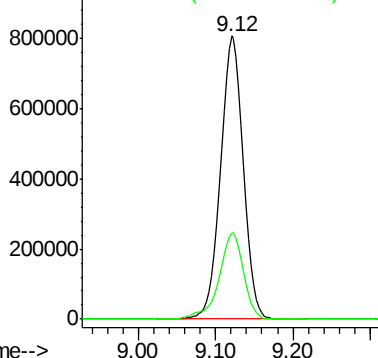
Ion Ratio Lower Upper

63 100

65 30.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 95.838 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

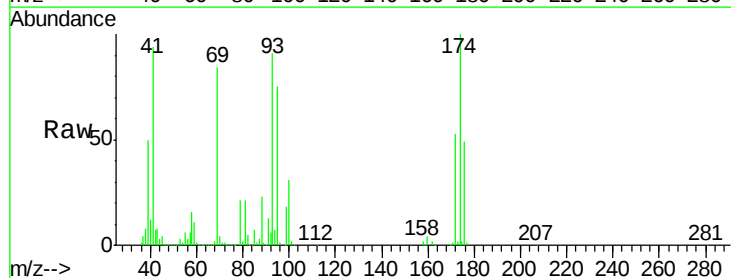
Tgt Ion: 93 Resp: 991212

Ion Ratio Lower Upper

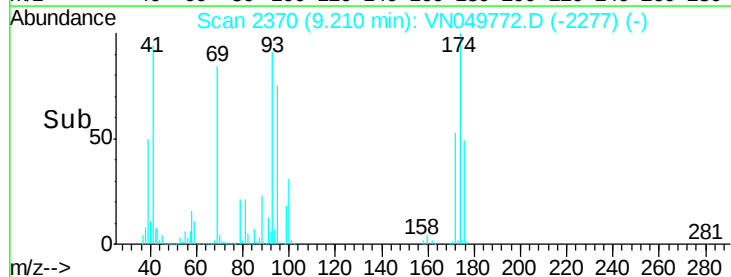
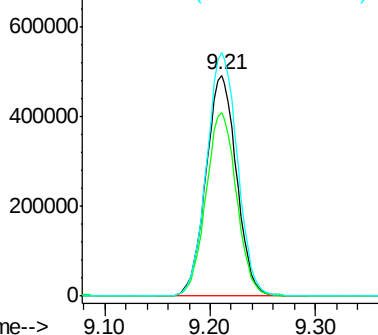
93 100

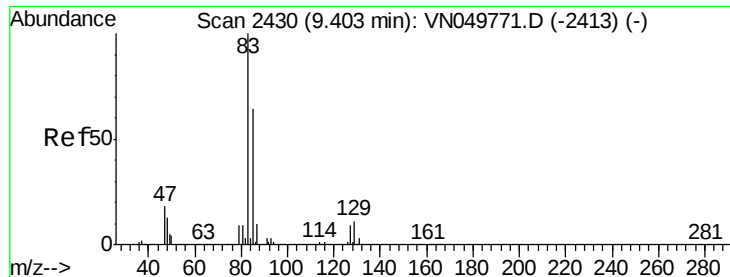
95 83.0 67.9 101.9

174 111.3 89.4 134.0



Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 95.635 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :

MSVOA_N

ClientSampled :

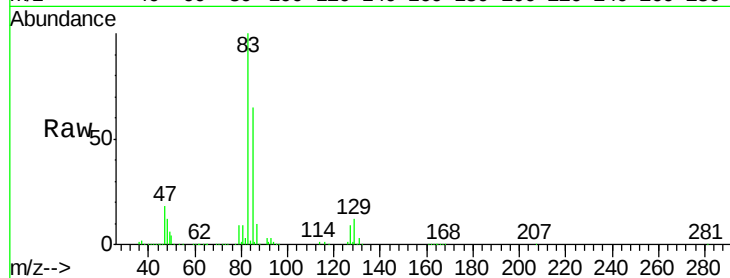
Tot Ion: 83 Resp: 2178116

Ion Ratio Lower Upper

83 100

85 64.9 50.5 75.7

127 8.8 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN049772.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049772.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049772.D (-2337) (-)

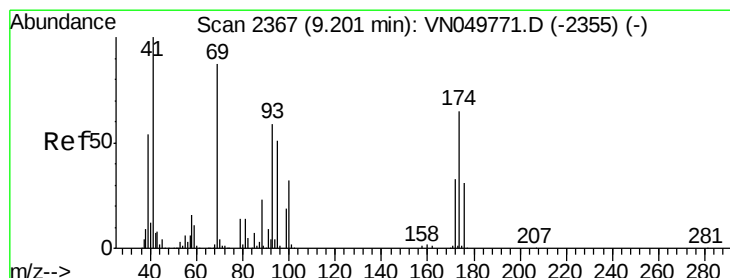
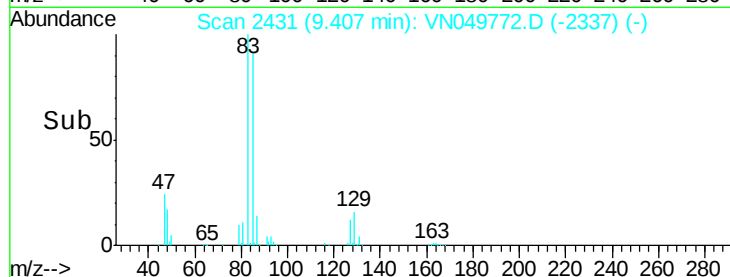
9.41

1000000

500000

0

Time-->



#48

Methyl methacrylate

Concen: 103.226 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

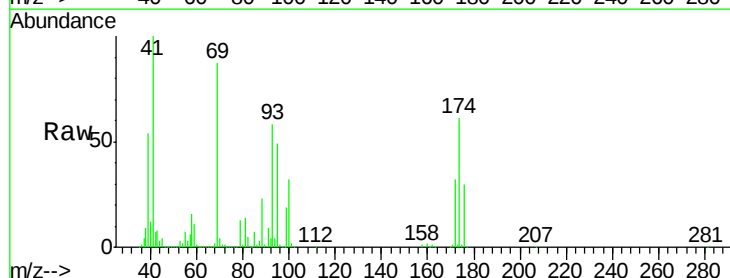
Tgt Ion: 41 Resp: 1189406

Ion Ratio Lower Upper

41 100

69 90.6 71.5 107.3

39 55.5 44.7 67.1



Abundance Ion 41.00 (40.70 to 41.70): VN049772.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049772.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049772.D (-2274) (-)

9.20

800000

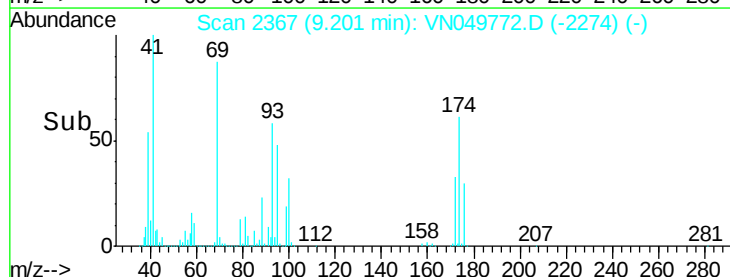
600000

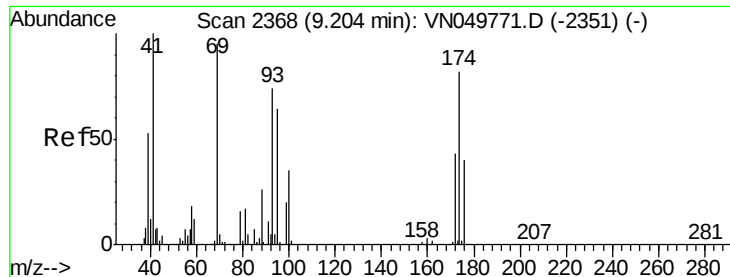
400000

200000

0

Time-->

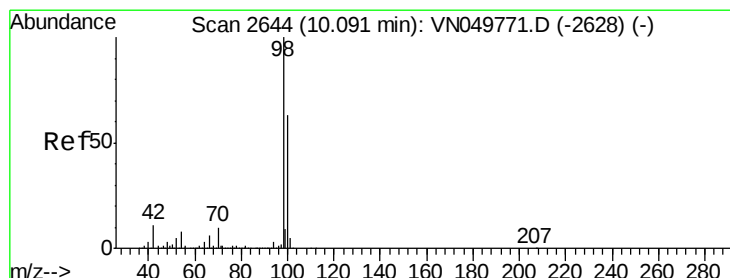
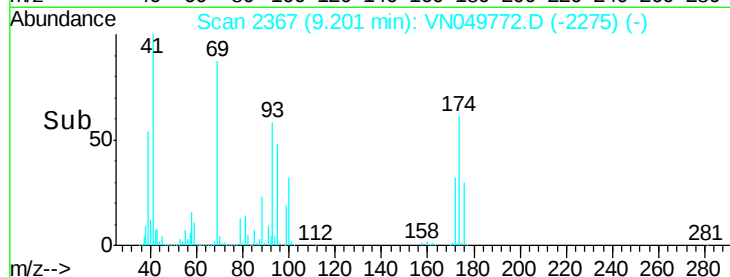
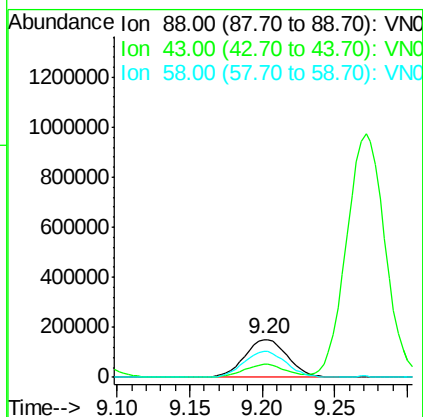
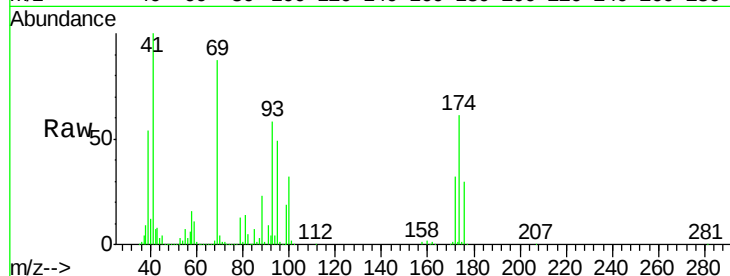




#49
1,4-Dioxane
Concen: 2055.887 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

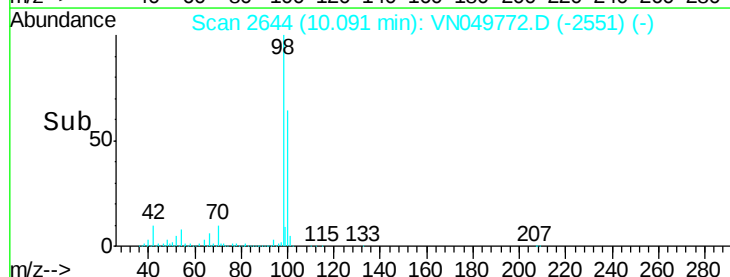
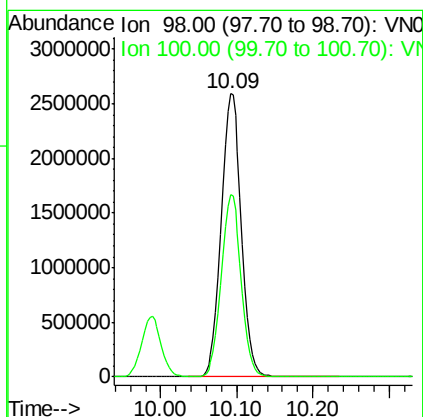
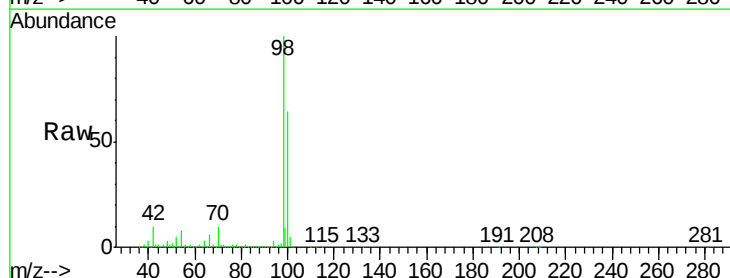
Instrument :
MSVOA_N
ClientSampled :

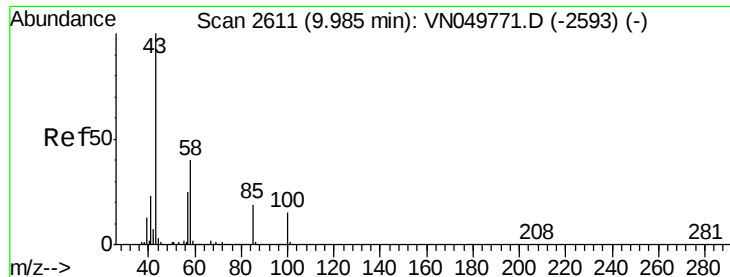
Tot Ion: 88 Resp: 310389
Ion Ratio Lower Upper
88 100
43 32.9 25.1 37.7
58 68.5 52.5 78.7



#50
Toluene-d8
Concen: 97.952 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion: 98 Resp: 4750527
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5

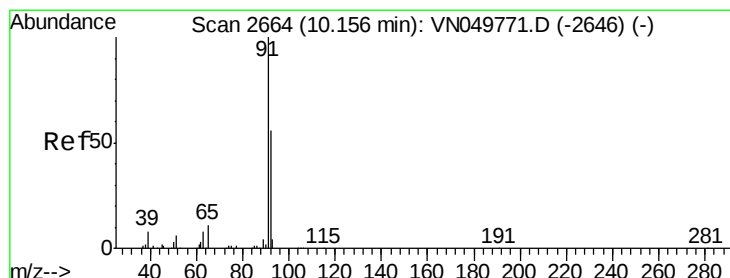
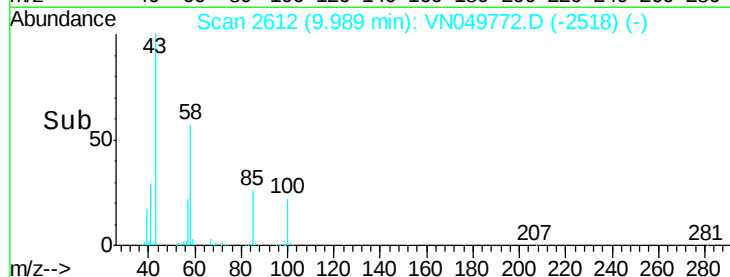
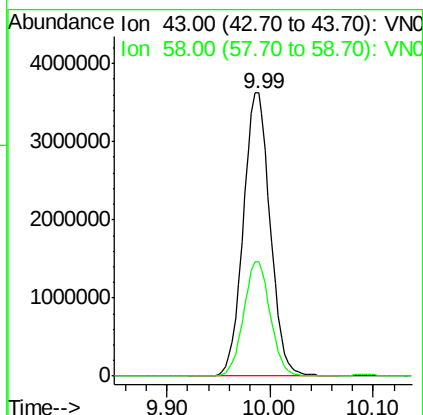
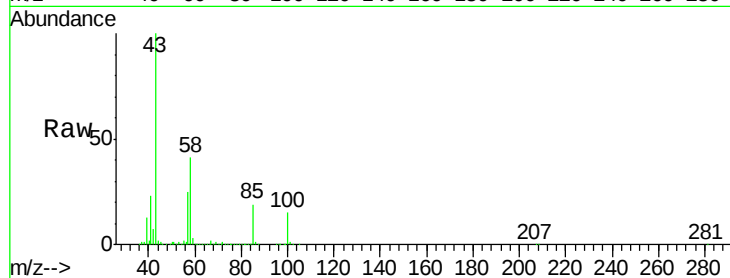




#51
4-Methyl-2-Pentanone
Concen: 523.487 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

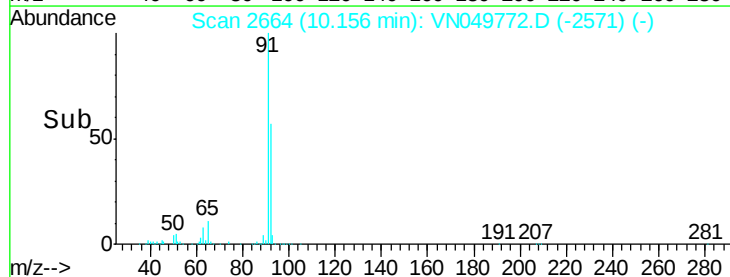
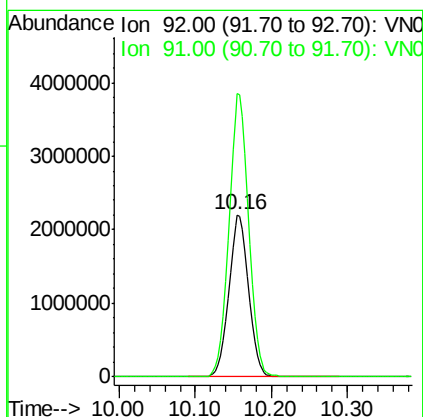
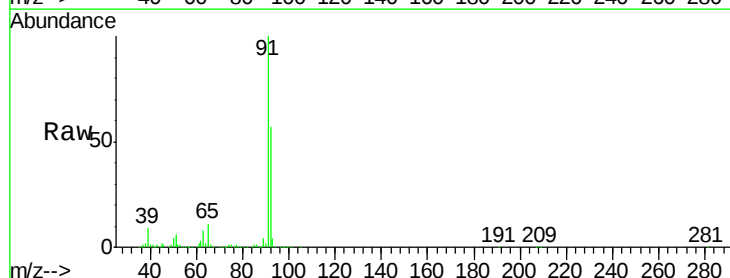
Instrument :
MSVOA_N
ClientSampled :

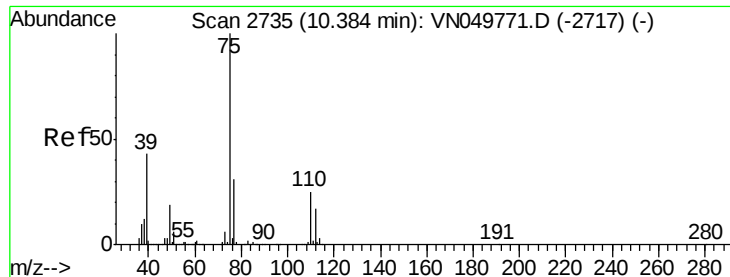
Tot Ion: 43 Resp: 6550204
Ion Ratio Lower Upper
43 100
58 40.2 31.8 47.8



#52
Toluene
Concen: 102.317 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion: 92 Resp: 3967923
Ion Ratio Lower Upper
92 100
91 175.0 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 106.035 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :

MSVOA_N

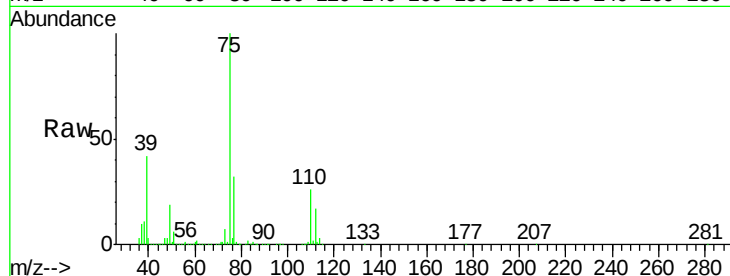
ClientSampled :

Tot Ion: 75 Resp: 2322909

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

1500000

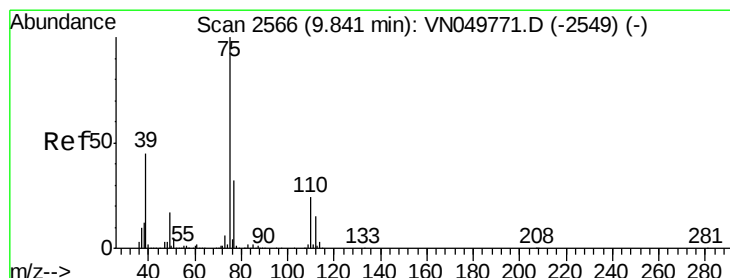
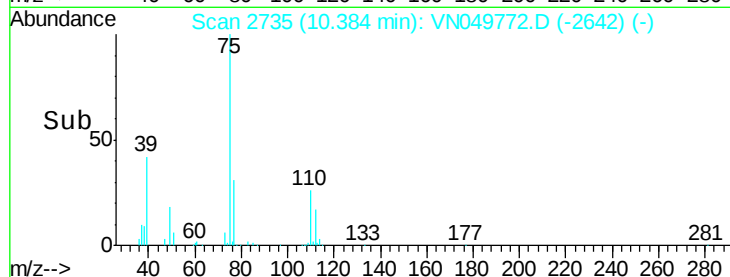
1000000

500000

0

Time-->

10.30 10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 104.607 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

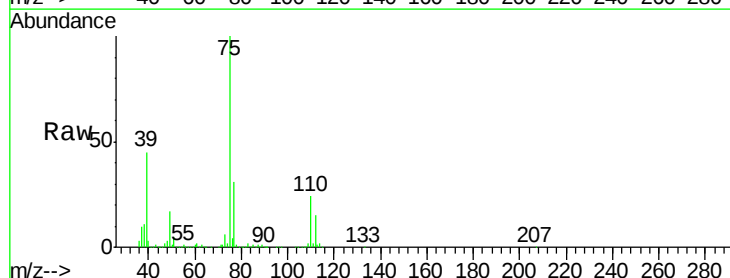
Tgt Ion: 75 Resp: 2610181

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 44.6 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

1500000

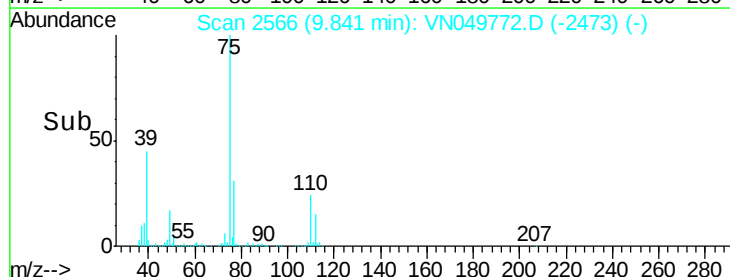
1000000

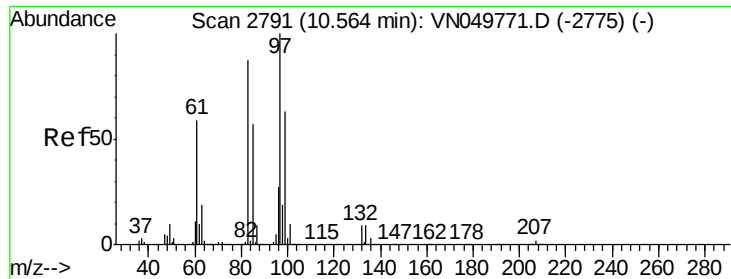
500000

0

Time-->

9.75 9.80 9.85 9.90 9.95



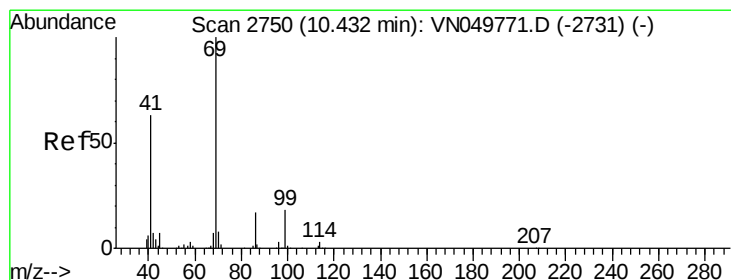
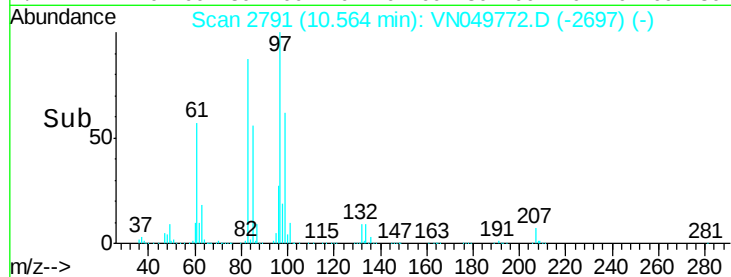
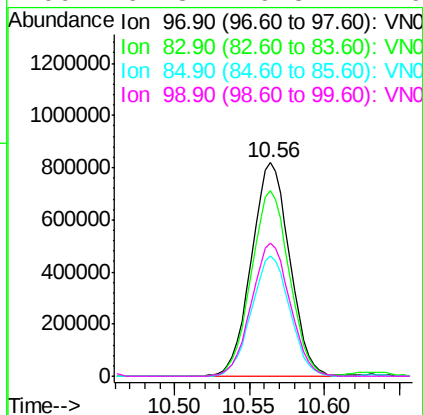
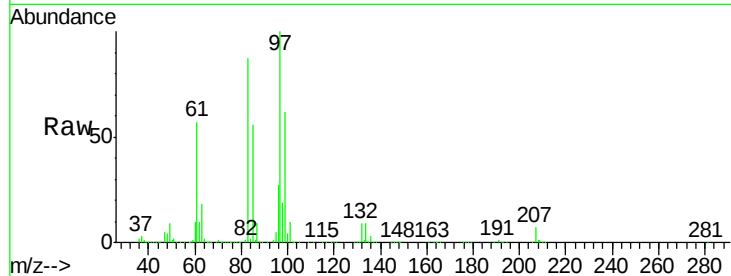


#55
 1,1,2-Trichloroethane
 Concen: 100.041 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049772.D
 Acq: 12 Jul 2018 12:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 1457887

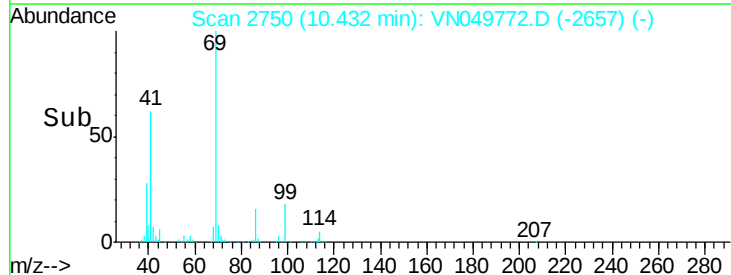
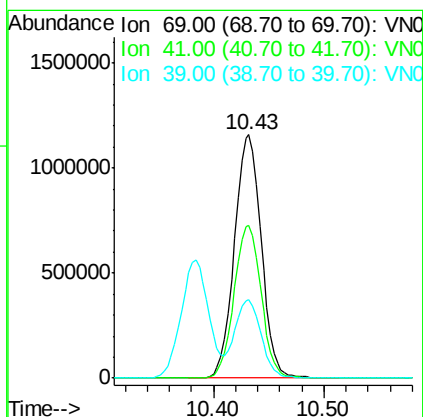
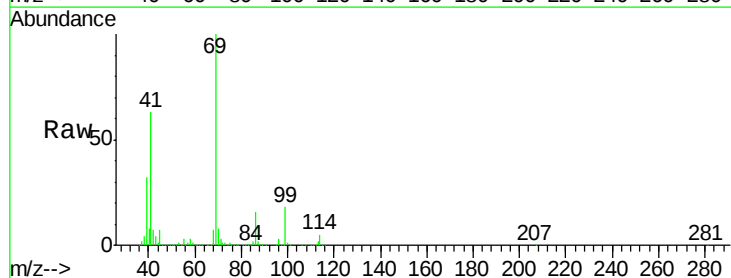
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.0	103.6
85	56.4	44.9	67.3
99	62.3	49.8	74.6

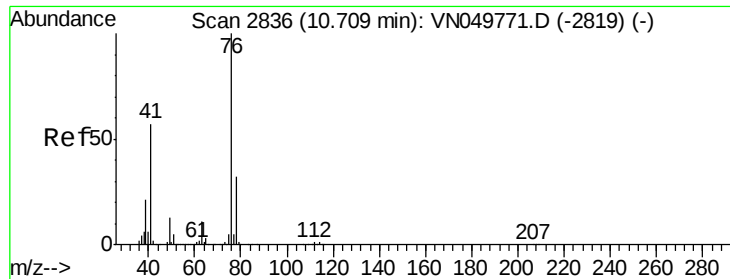


#56
 Ethyl methacrylate
 Concen: 111.591 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049772.D
 Acq: 12 Jul 2018 12:32

Tgt Ion: 69 Resp: 1953400

Ion	Ratio	Lower	Upper
69	100		
41	62.7	51.6	77.4
39	31.7	25.8	38.8





#57

1,3-Dichloropropane

Concen: 99.240 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :

MSVOA_N

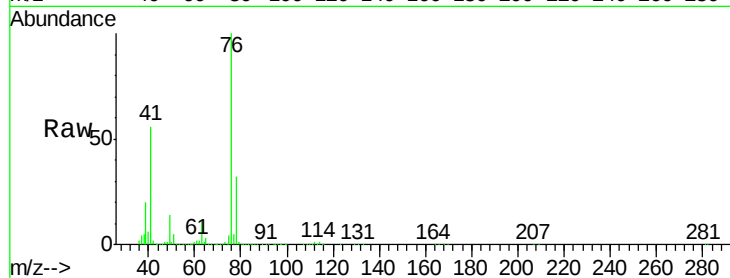
ClientSampleId :

Tot Ion: 76 Resp: 2451838

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

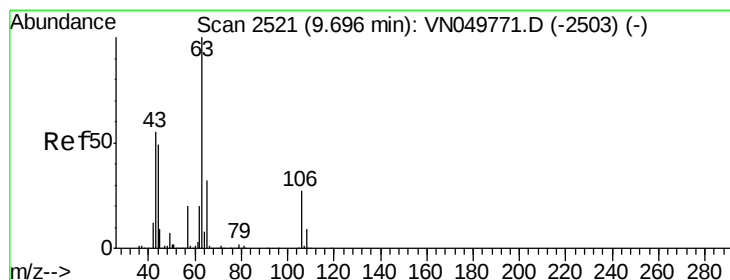
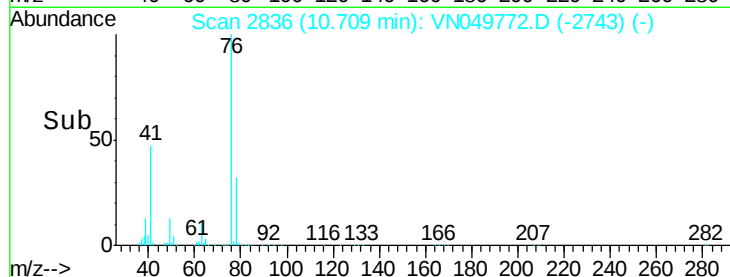
1500000

1000000

500000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 557.469 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049772.D

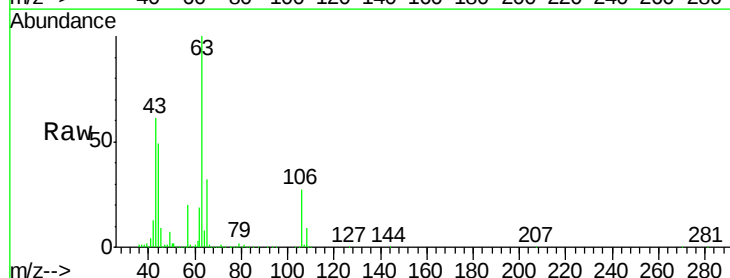
Acq: 12 Jul 2018 12:32

Tgt Ion: 63 Resp: 4680113

Ion Ratio Lower Upper

63 100

106 27.1 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

3000000

2500000

2000000

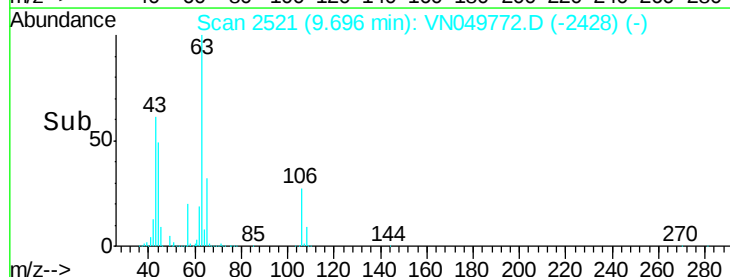
1500000

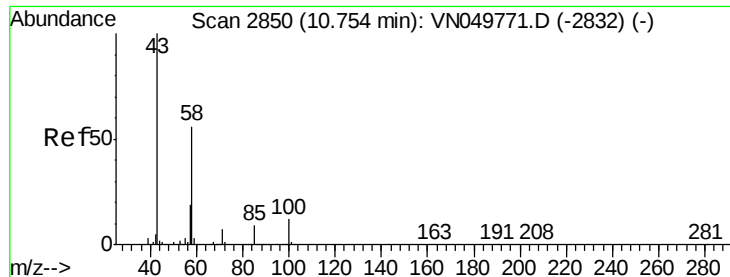
1000000

500000

0

Time-->

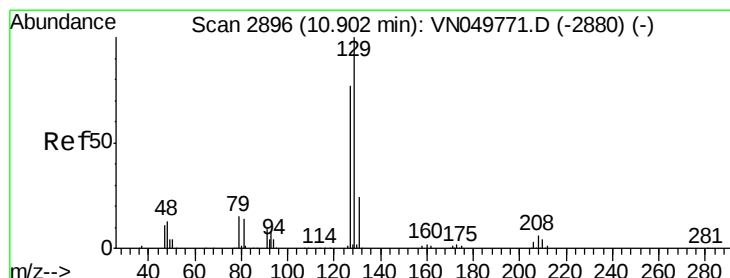
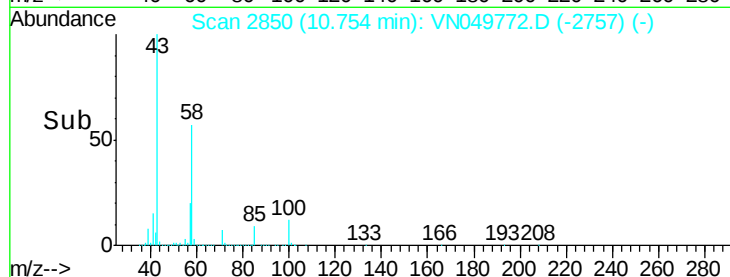
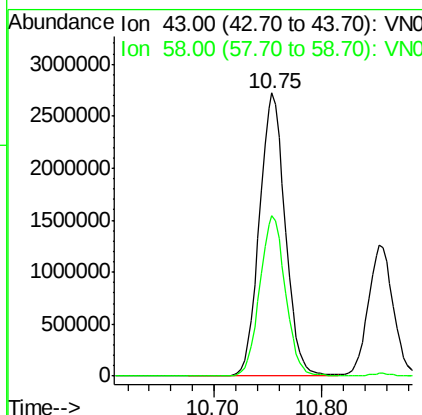
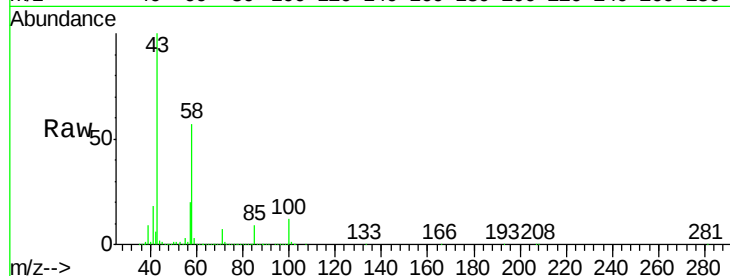




#59
2-Hexanone
Concen: 543.050 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

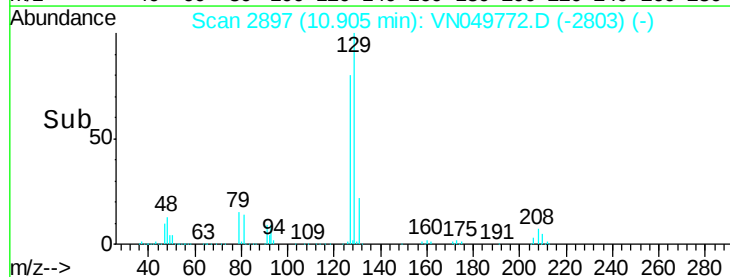
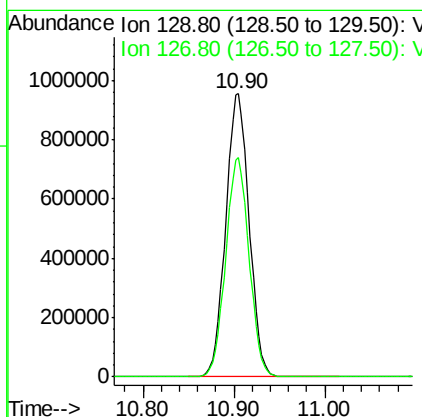
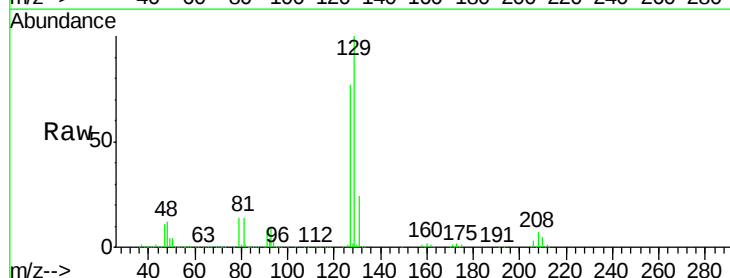
Instrument :
MSVOA_N
ClientSampleId :

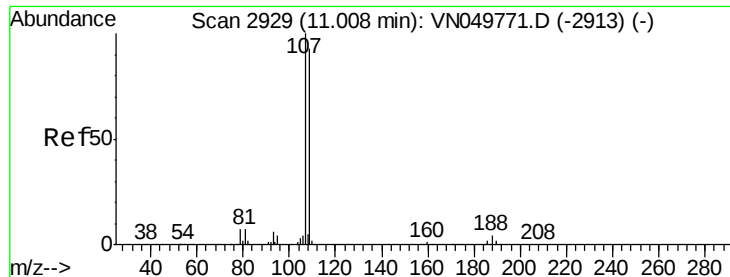
Tot Ion: 43 Resp: 4517257
Ion Ratio Lower Upper
43 100
58 56.5 27.8 83.4



#60
Dibromochloromethane
Concen: 100.499 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion: 129 Resp: 1707344
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9

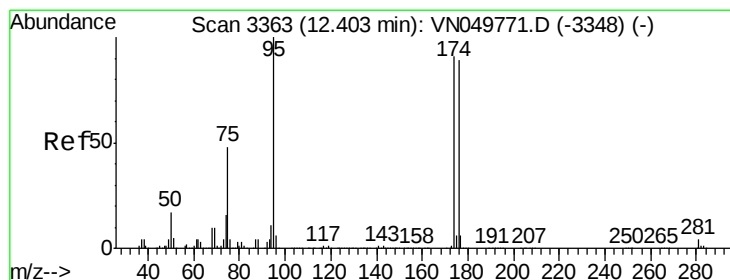
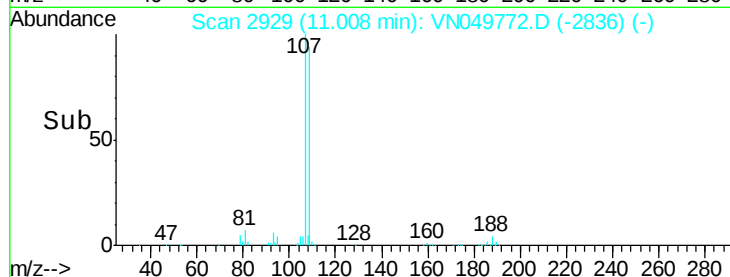
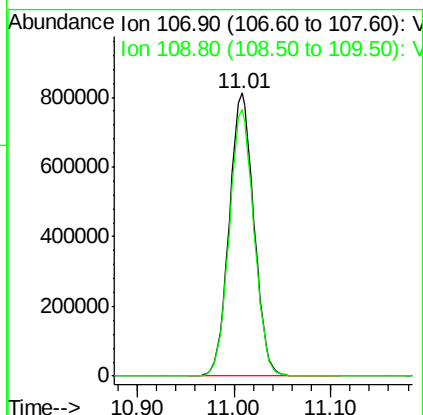
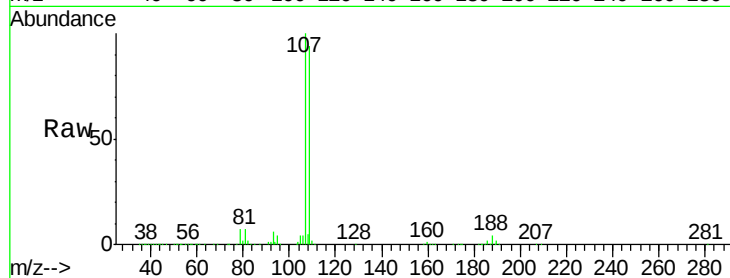




#61
 1,2-Dibromoethane
 Concen: 102.037 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049772.D
 Acq: 12 Jul 2018 12:32

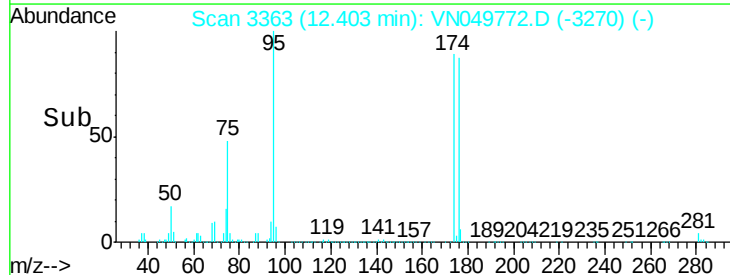
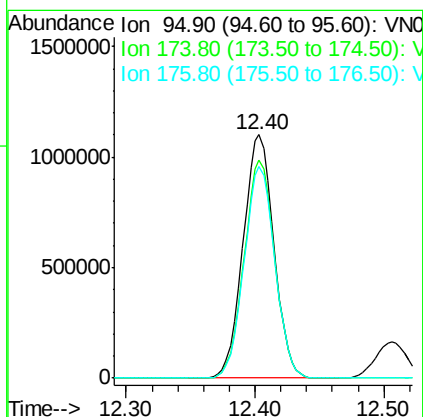
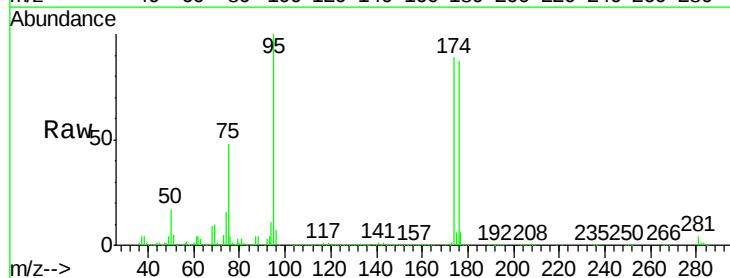
Instrument :
 MSVOA_N
 ClientSampleId :

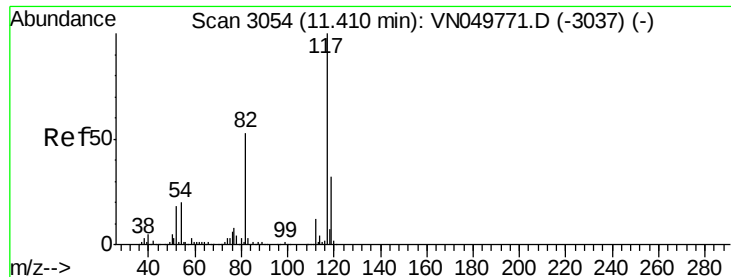
Tot Ion:107 Resp: 1440030
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 105.303 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049772.D
 Acq: 12 Jul 2018 12:32

Tgt Ion: 95 Resp: 1824051
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 179.6
 176 87.0 0.0 174.0

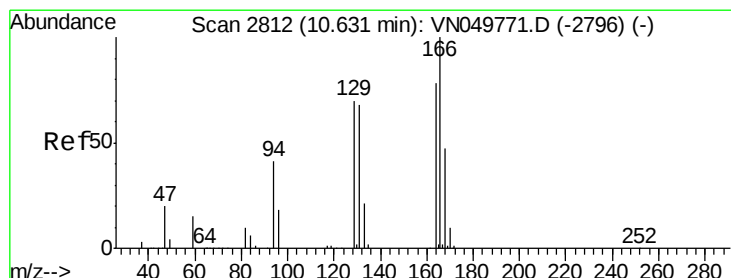
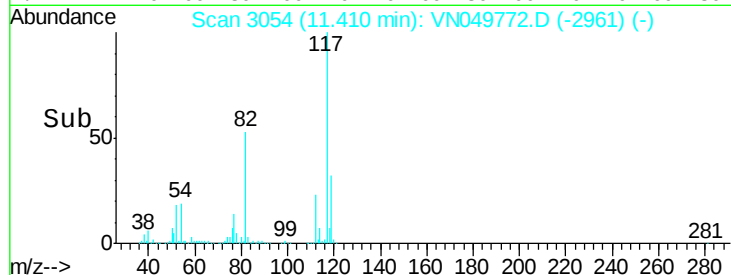
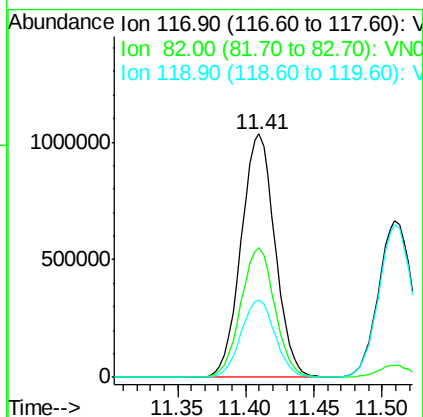
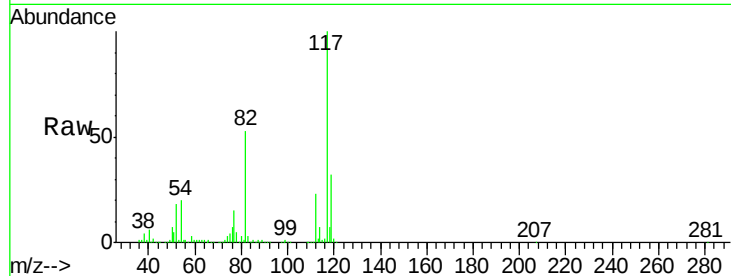




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

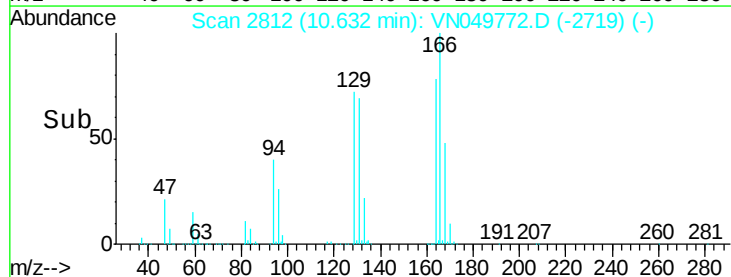
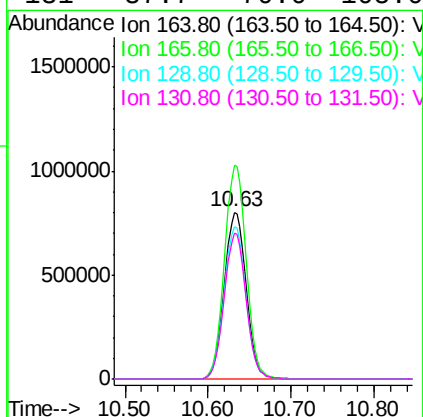
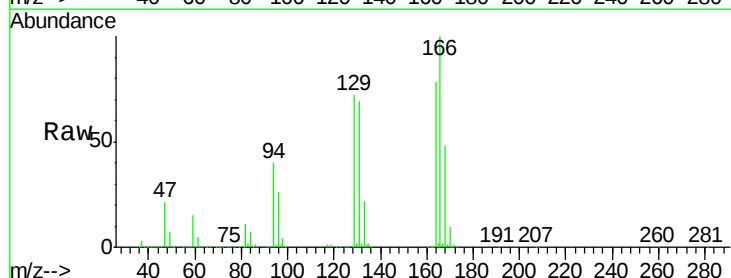
Instrument :
MSVOA_N
ClientSampled :

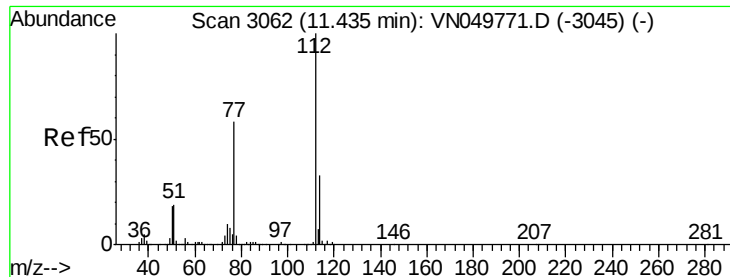
Tot Ion:117 Resp: 1788135
Ion Ratio Lower Upper
117 100
82 53.0 41.9 62.9
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 90.176 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion:164 Resp: 1464081
Ion Ratio Lower Upper
164 100
166 127.9 101.8 152.6
129 91.5 72.8 109.2
131 87.7 70.0 105.0

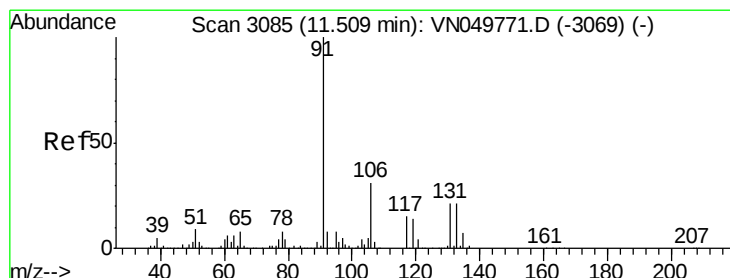
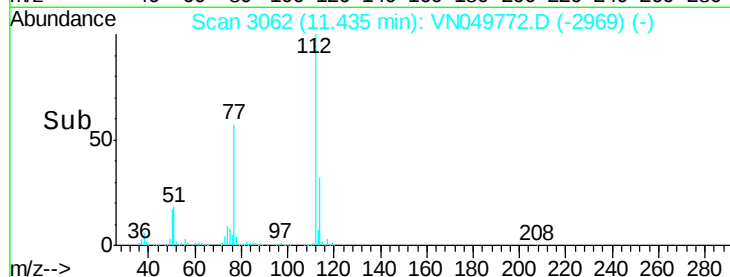
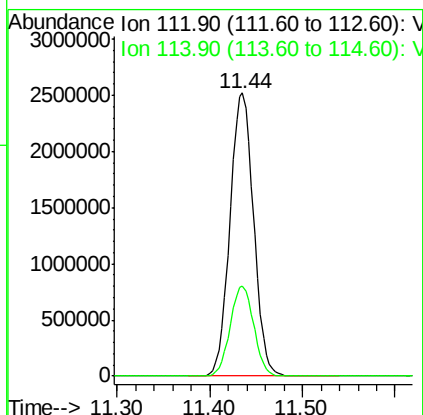
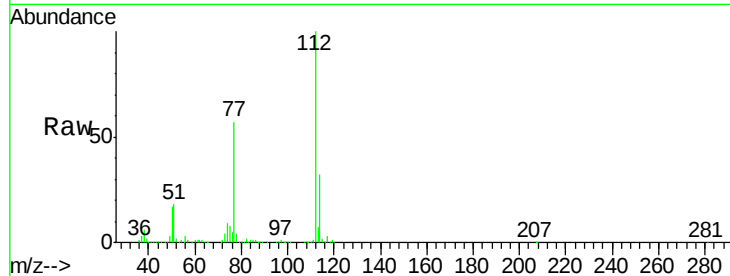




#65
Chlorobenzene
Concen: 95.395 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

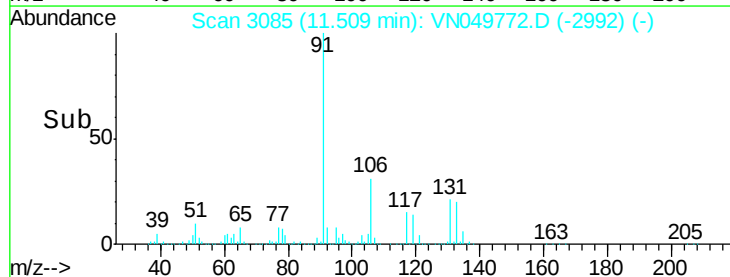
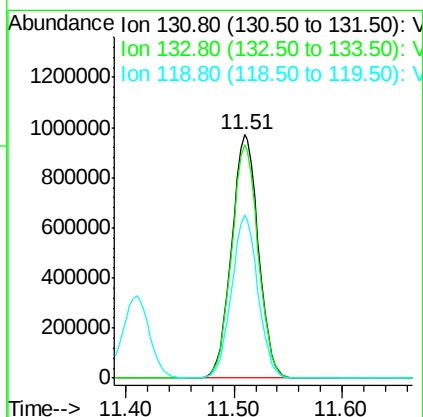
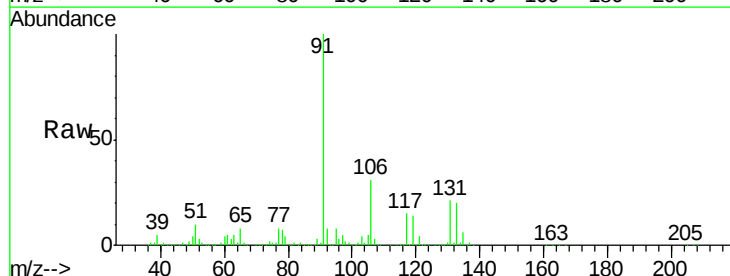
Instrument :
MSVOA_N
ClientSampled :

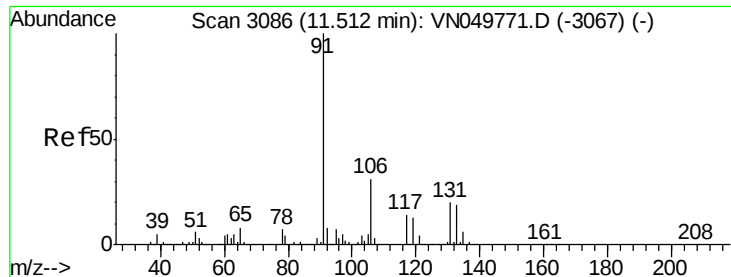
Tot Ion:112 Resp: 4443830
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 95.730 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion:131 Resp: 1677789
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 66.1 33.1 99.3

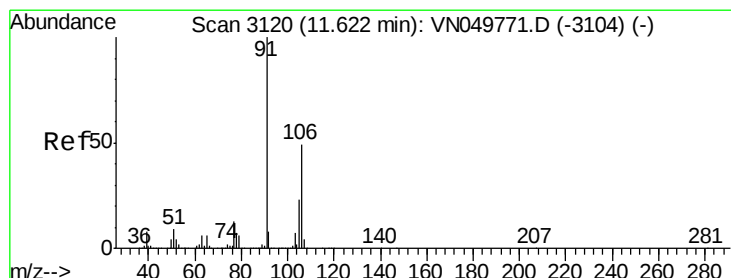
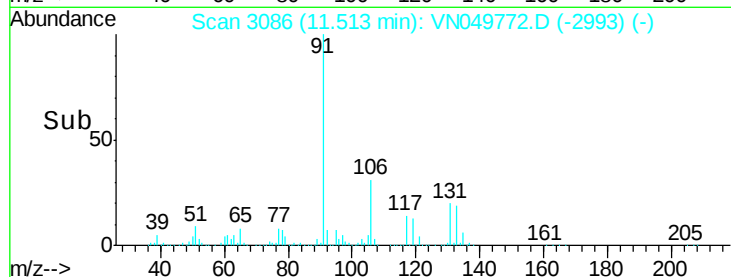
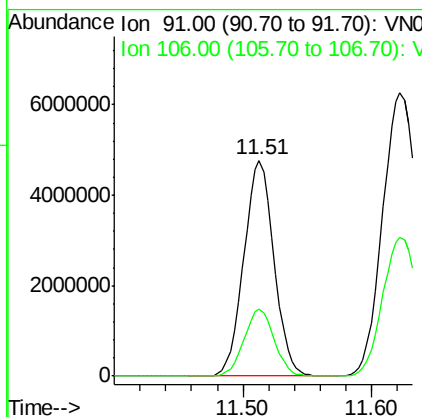
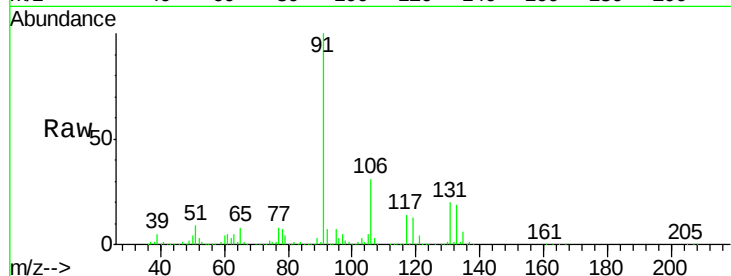




#67
Ethyl Benzene
Concen: 101.682 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

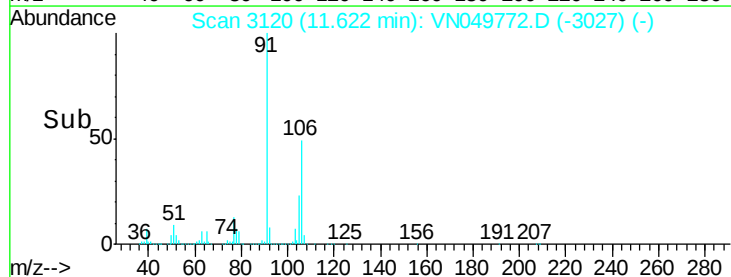
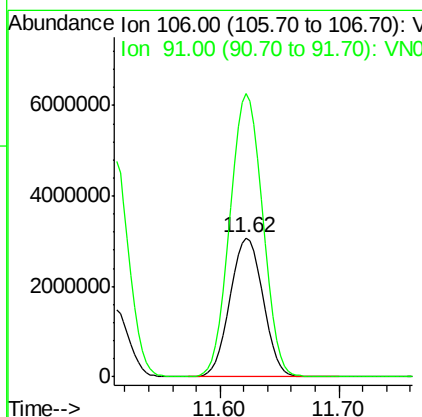
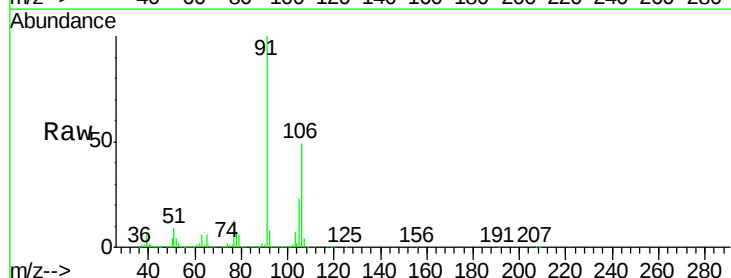
Instrument :
MSVOA_N
ClientSampleId :

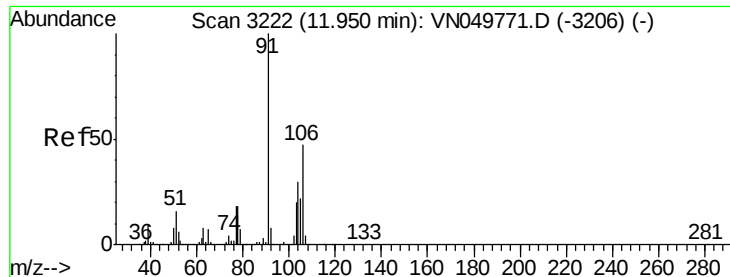
Tot Ion: 91 Resp: 7756493
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2



#68
m/p-Xylenes
Concen: 206.276 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion: 106 Resp: 5905945
Ion Ratio Lower Upper
106 100
91 203.1 163.4 245.2

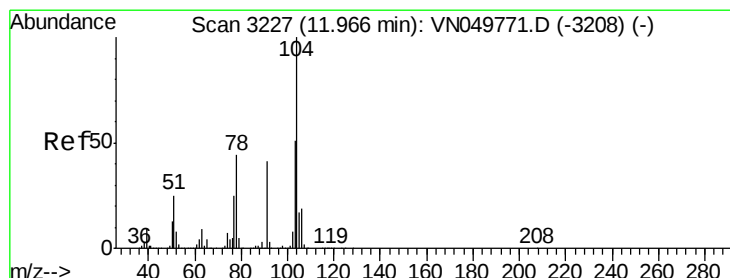
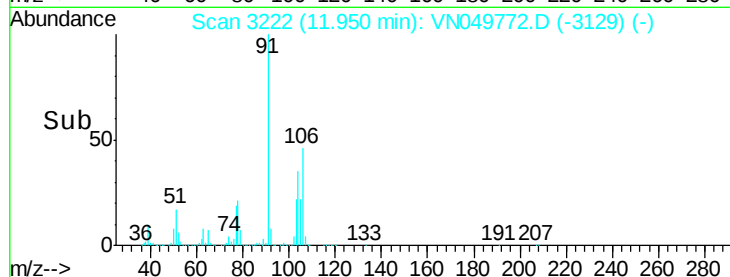
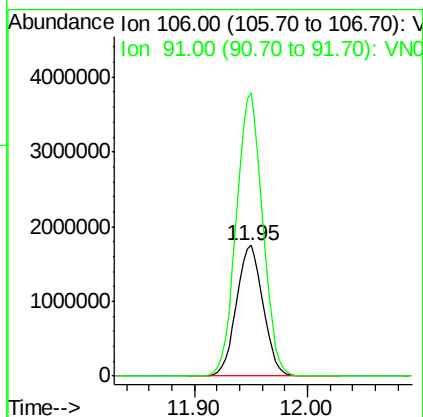
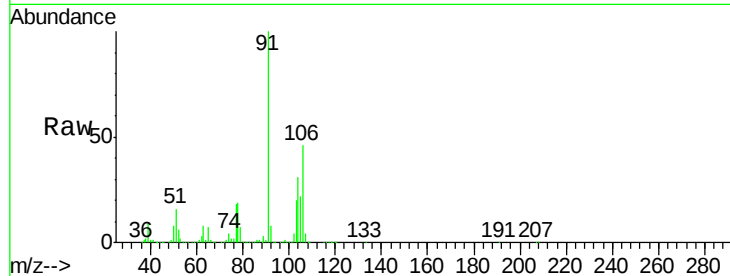




#69
o-Xylene
Concen: 103.533 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

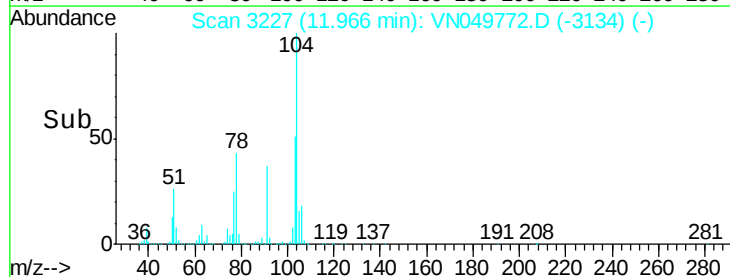
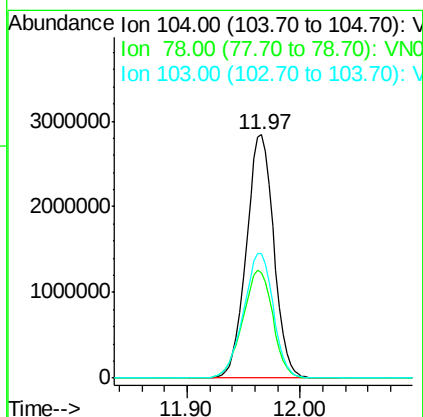
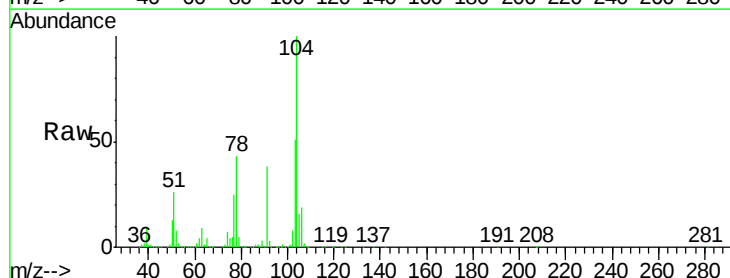
Instrument :
MSVOA_N
ClientSampled :

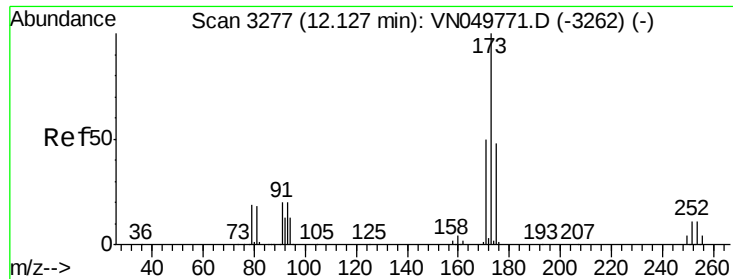
Tot Ion:106 Resp: 2863658
Ion Ratio Lower Upper
106 100
91 214.8 108.7 326.1



#70
Styrene
Concen: 109.356 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion:104 Resp: 4804588
Ion Ratio Lower Upper
104 100
78 48.7 39.2 58.8
103 55.6 44.6 67.0





#71

Bromoform

Concen: 102.881 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :

MSVOA_N

ClientSampled :

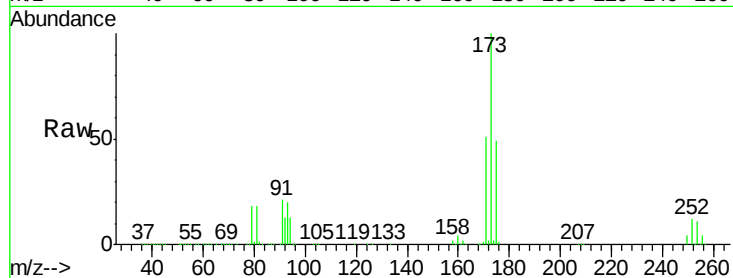
Tot Ion:173 Resp: 1218304

Ion Ratio Lower Upper

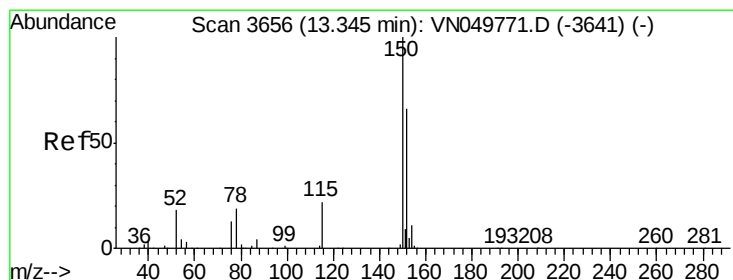
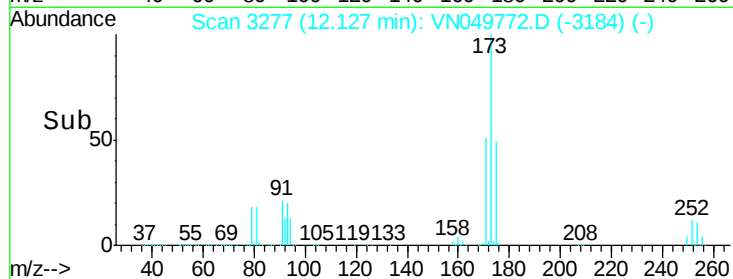
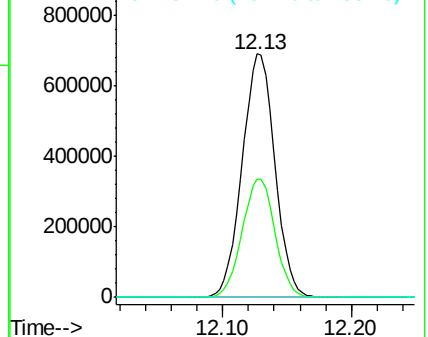
173 100

175 48.9 24.6 73.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

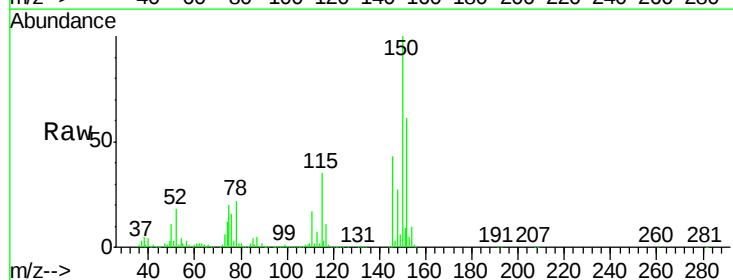
Tgt Ion:152 Resp: 980557

Ion Ratio Lower Upper

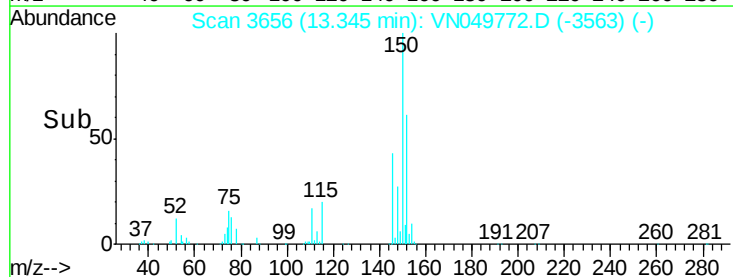
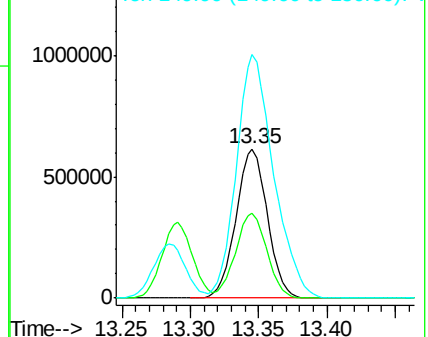
152 100

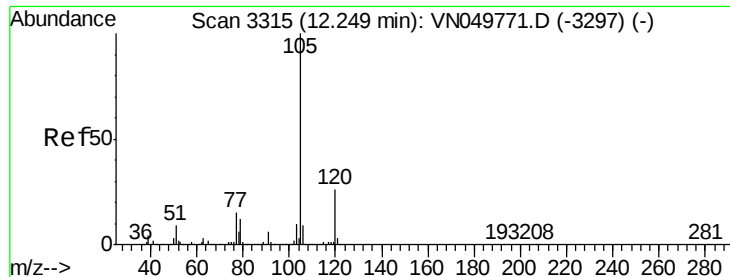
115 56.8 28.1 84.2

150 193.5 0.0 347.6



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





#73

Isopropylbenzene

Concen: 94.457 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :

MSVOA_N

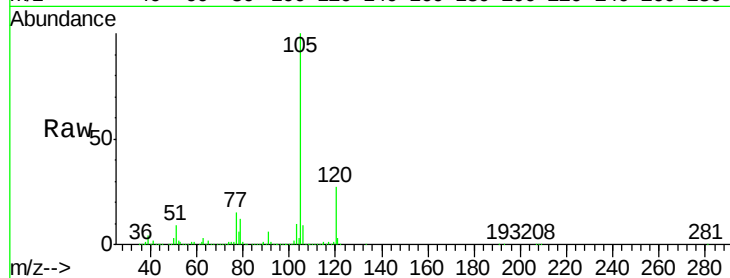
ClientSampleId :

Tot Ion:105 Resp: 7697333

Ion Ratio Lower Upper

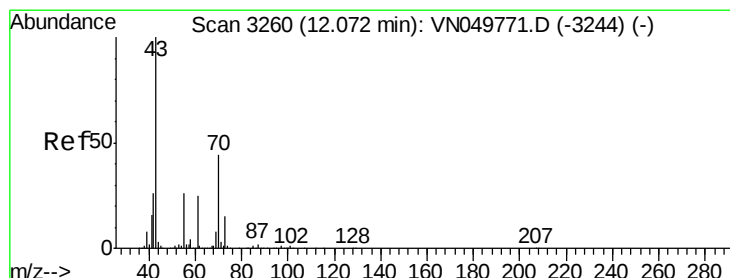
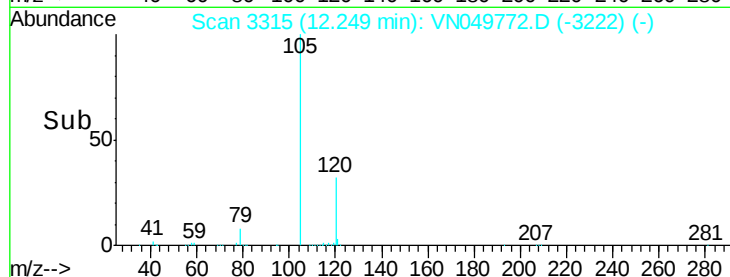
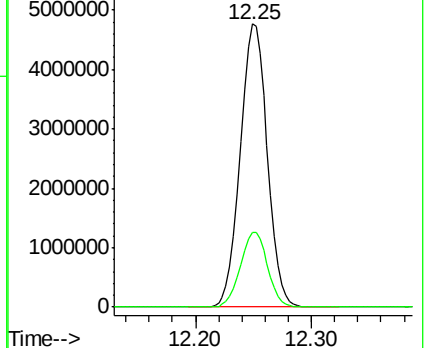
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 102.422 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Tgt Ion: 43 Resp: 2171306

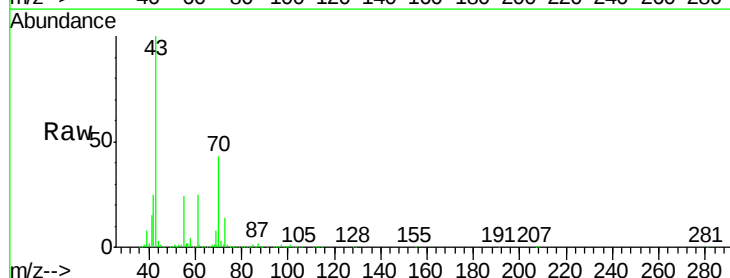
Ion Ratio Lower Upper

43 100

70 43.1 34.8 52.2

55 24.8 20.9 31.3

61 25.2 19.9 29.9

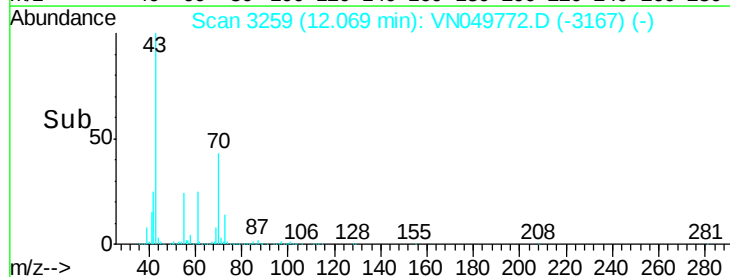
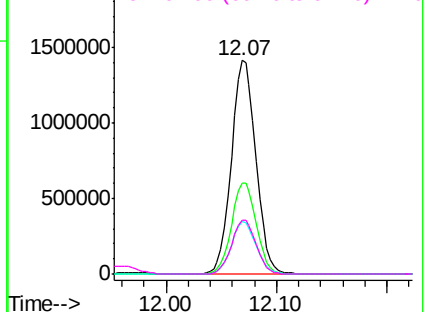


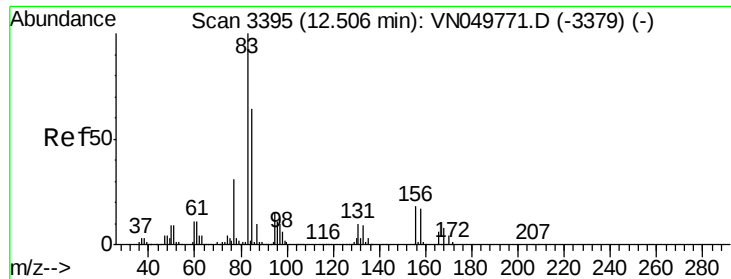
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 99.956 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

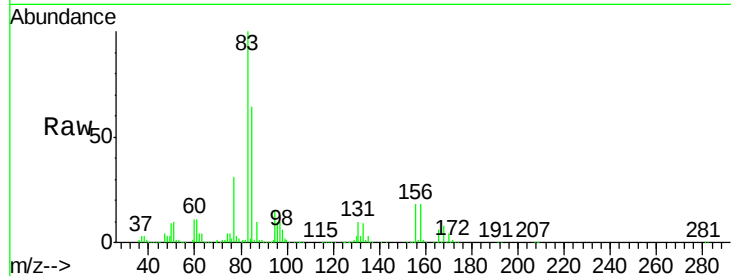
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 83 Resp: 1840187

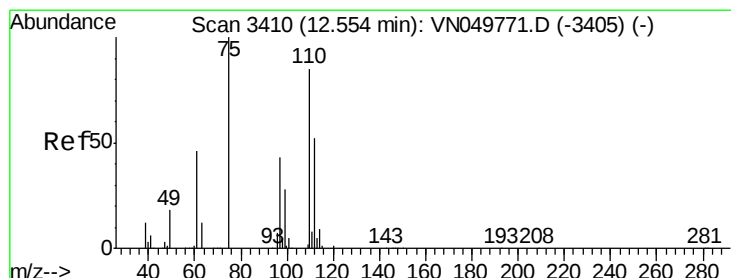
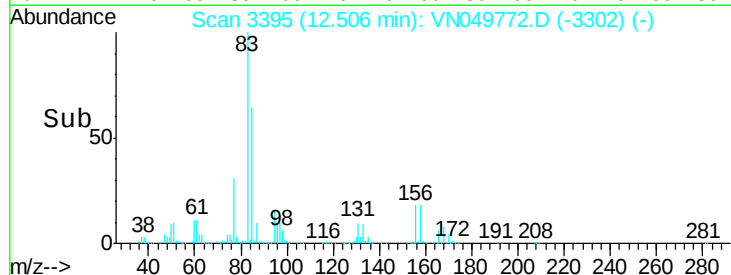
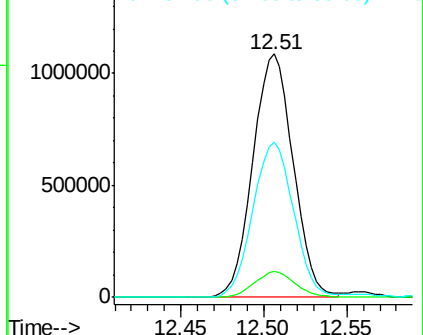
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.2	15.6
85	64.2	32.5	97.4



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 132.998 ug/l

RT: 12.55 min Scan# 3410

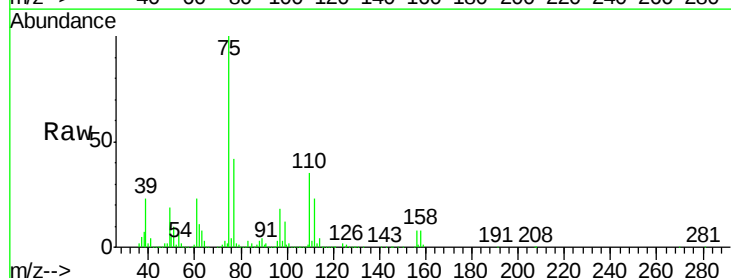
Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

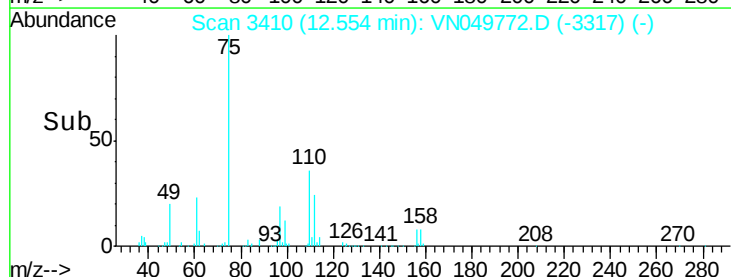
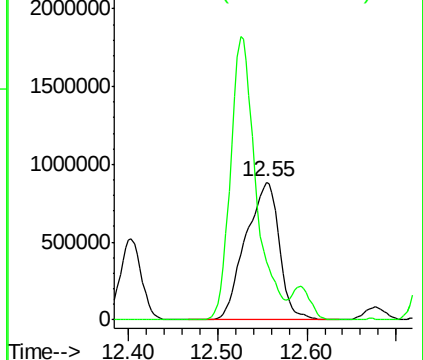
Tgt Ion: 75 Resp: 2316765

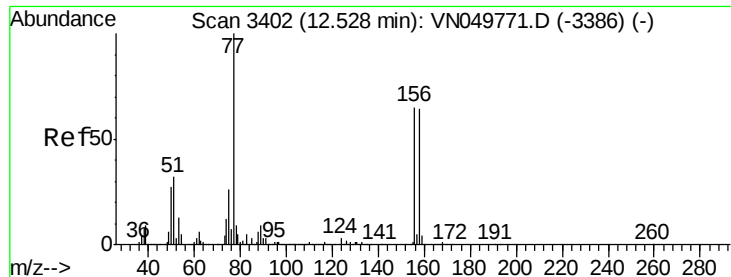
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 91.947 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :

MSVOA_N

ClientSampleId :

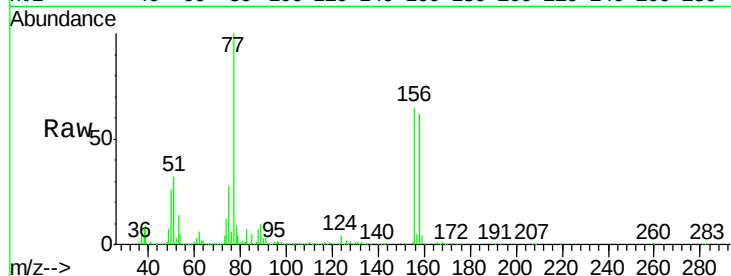
Tot Ion:156 Resp: 1987747

Ion Ratio Lower Upper

156 100

77 181.6 90.2 270.6

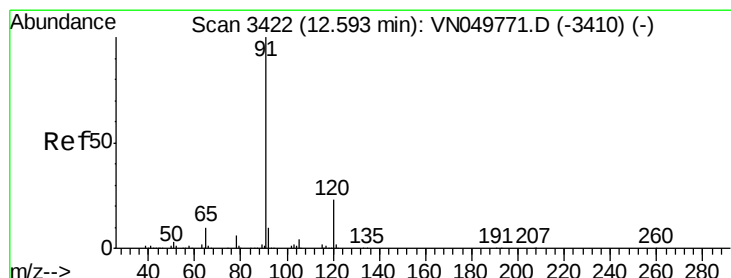
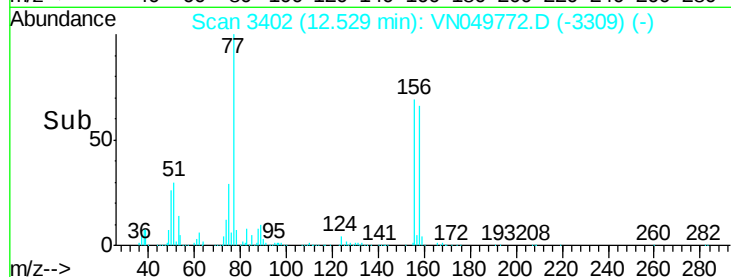
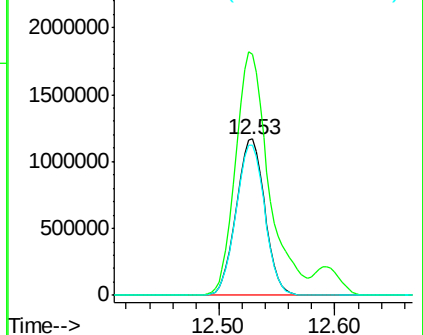
158 97.3 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 97.023 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049772.D

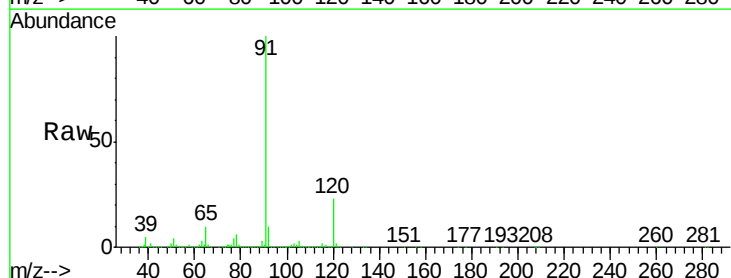
Acq: 12 Jul 2018 12:32

Tgt Ion: 91 Resp: 8914345

Ion Ratio Lower Upper

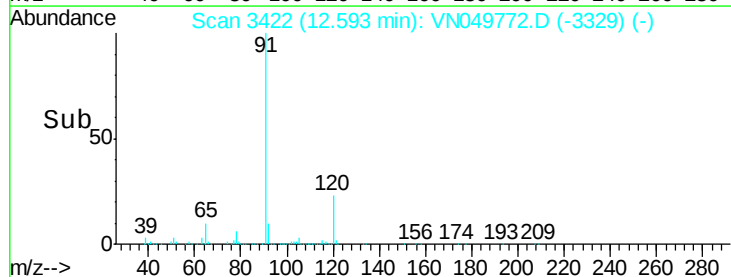
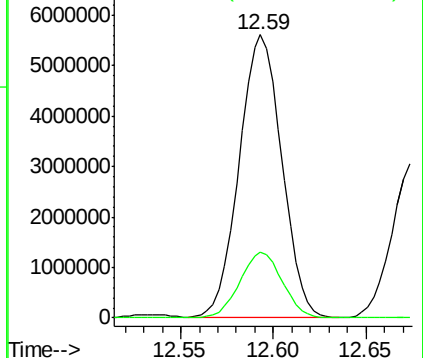
91 100

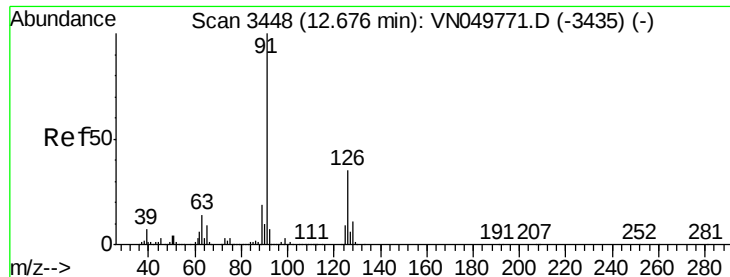
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 93.521 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :

MSVOA_N

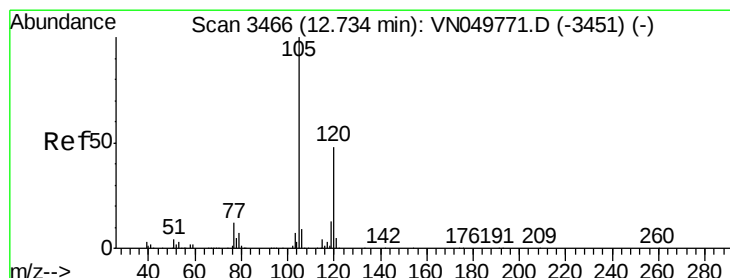
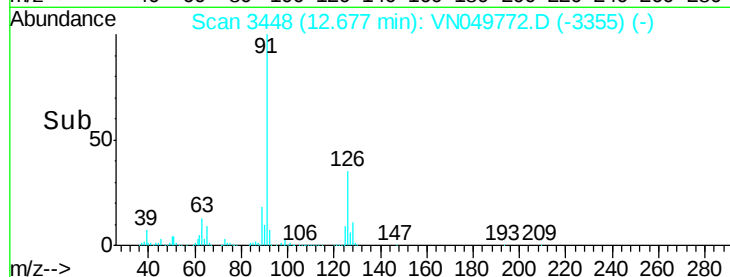
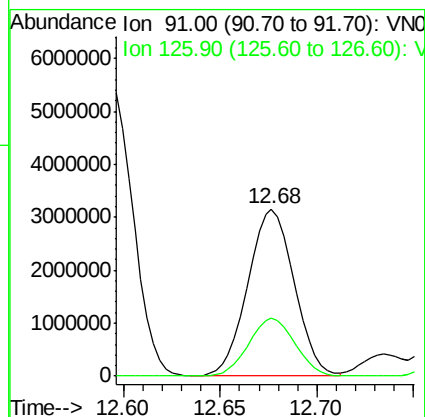
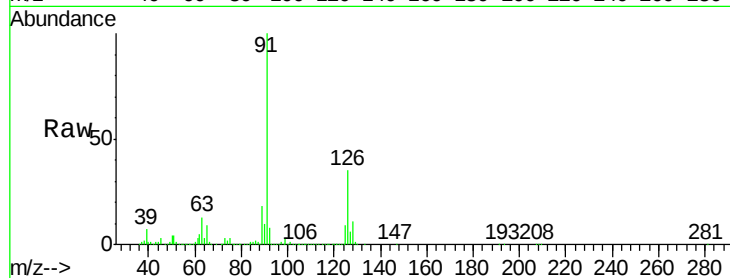
ClientSampleId :

Tot Ion: 91 Resp: 5258636

Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 97.918 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049772.D

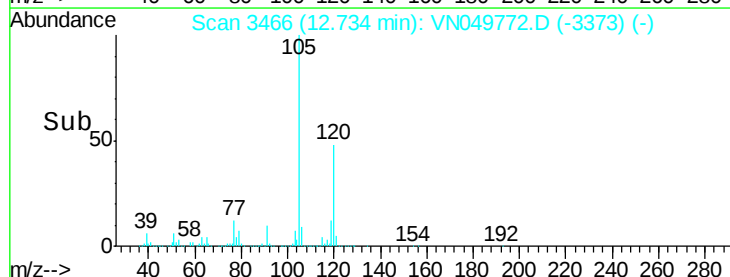
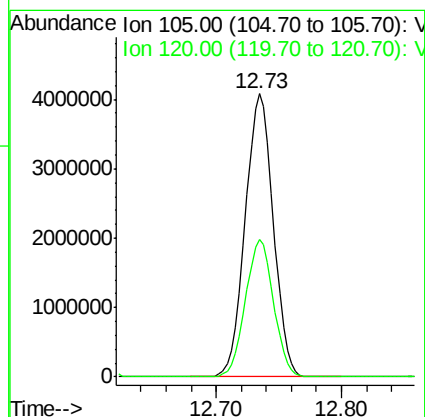
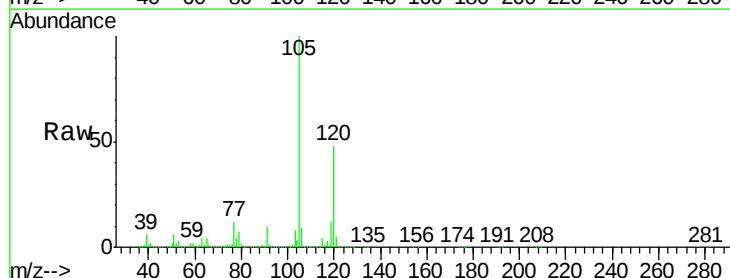
Acq: 12 Jul 2018 12:32

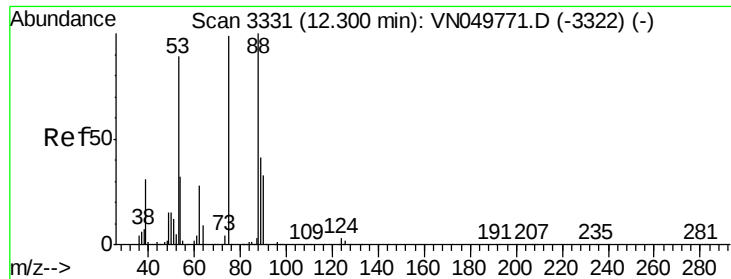
Tgt Ion:105 Resp: 6341186

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 105.736 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :

MSVOA_N

ClientSampleId :

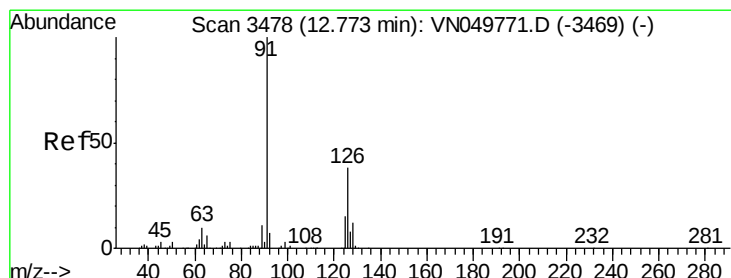
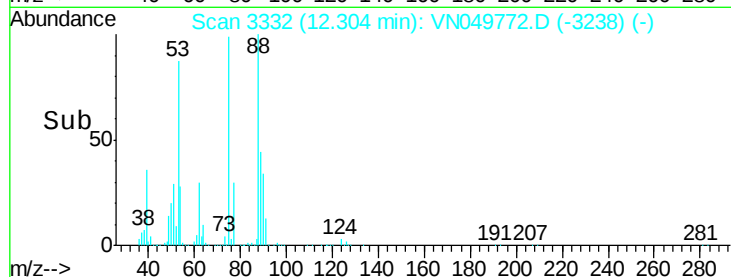
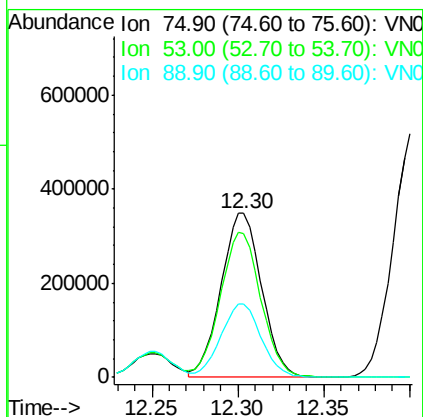
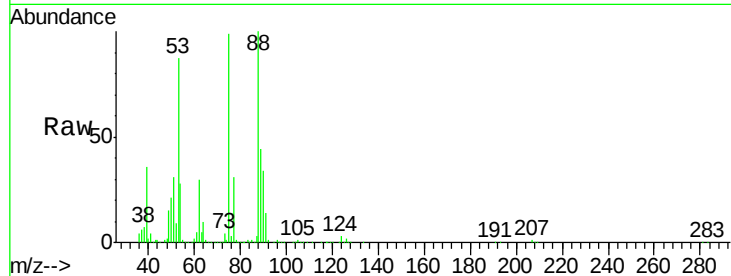
Tot Ion: 75 Resp: 570352

Ion Ratio Lower Upper

75 100

53 89.3 73.9 110.9

89 45.3 35.9 53.9



#82

4-Chlorotoluene

Concen: 95.487 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN049772.D

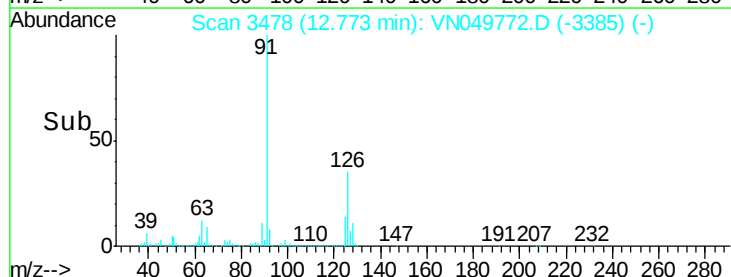
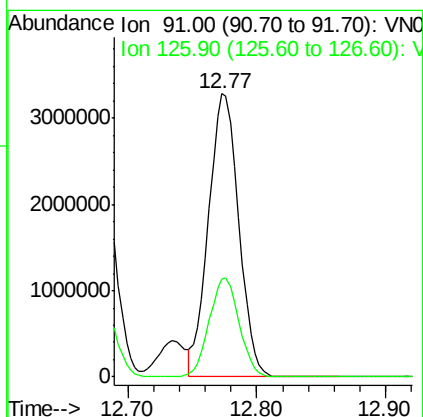
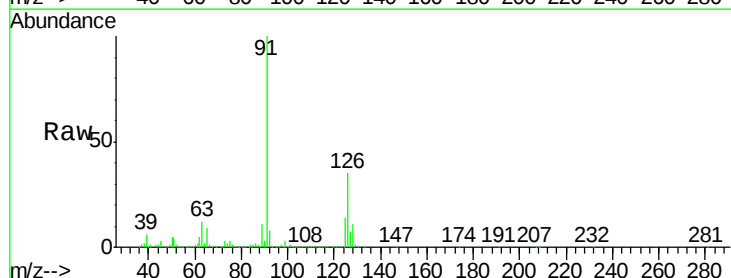
Acq: 12 Jul 2018 12:32

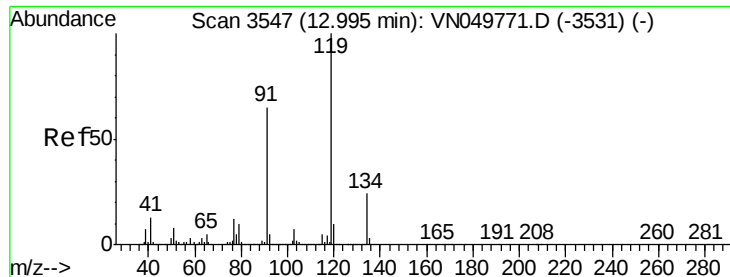
Tgt Ion: 91 Resp: 5325360

Ion Ratio Lower Upper

91 100

126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 96.111 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :

MSVOA_N

ClientSampleId :

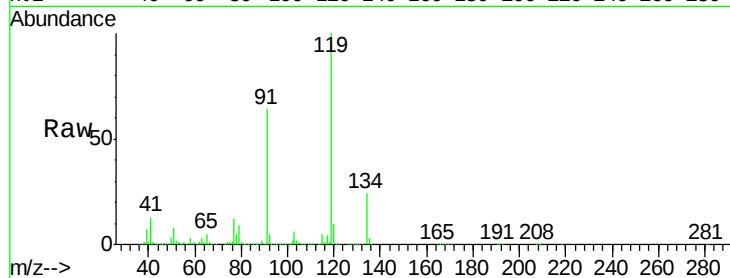
Tot Ion:119 Resp: 5568981

Ion Ratio Lower Upper

119 100

91 62.9 32.0 96.2

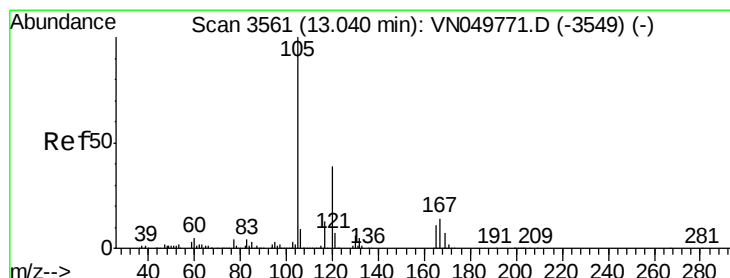
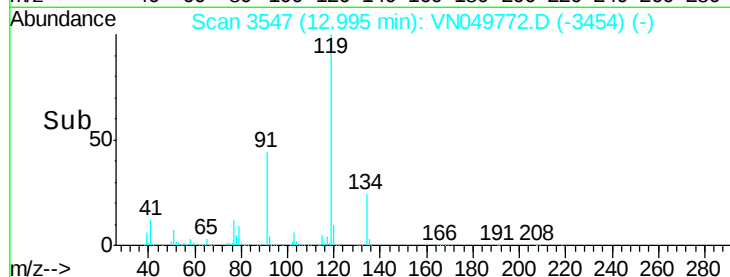
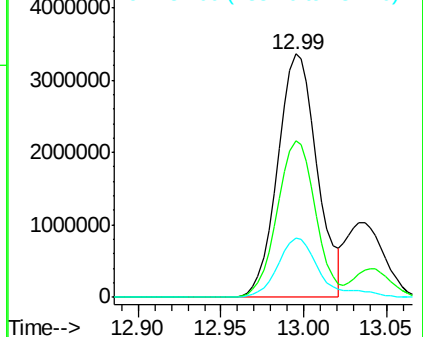
134 26.1 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 100.592 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN049772.D

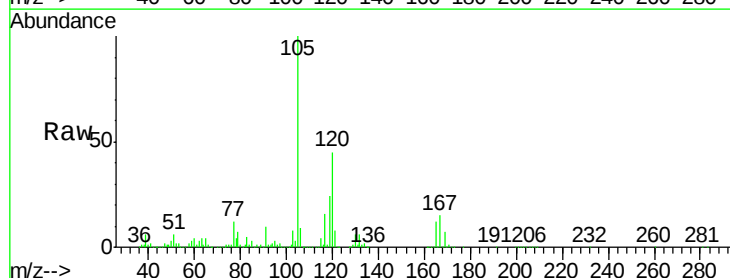
Acq: 12 Jul 2018 12:32

Tgt Ion:105 Resp: 6533072

Ion Ratio Lower Upper

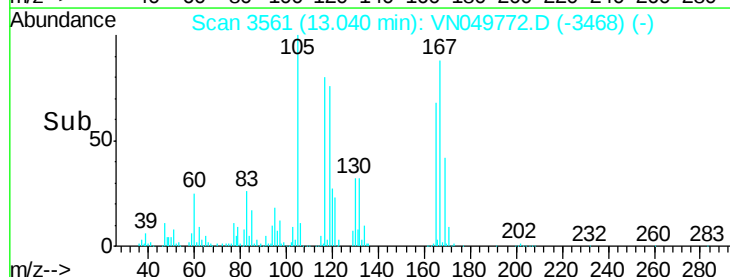
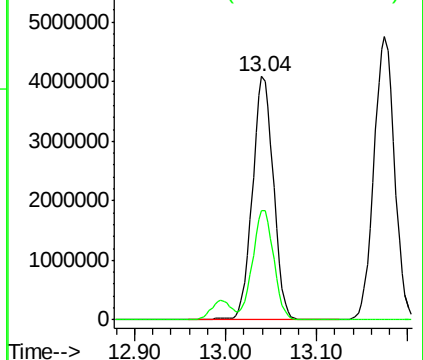
105 100

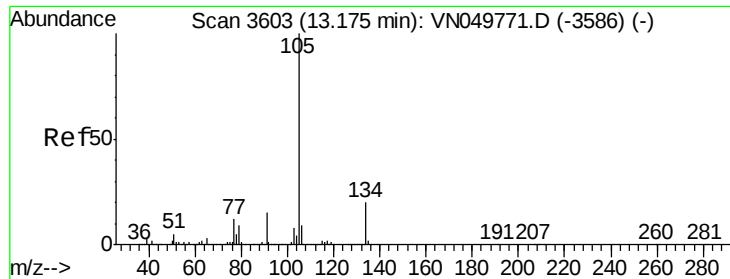
120 45.1 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

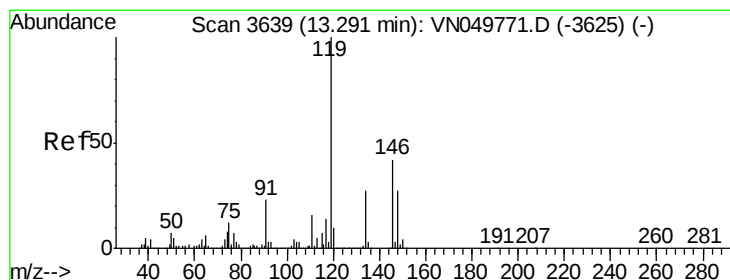
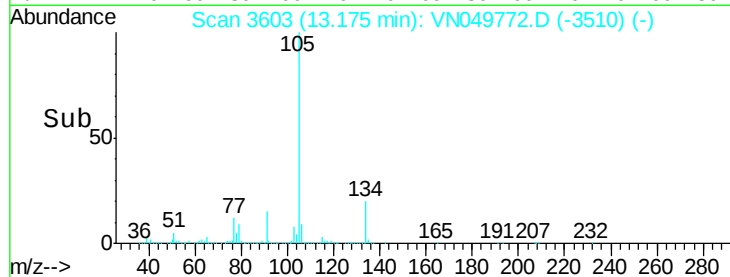
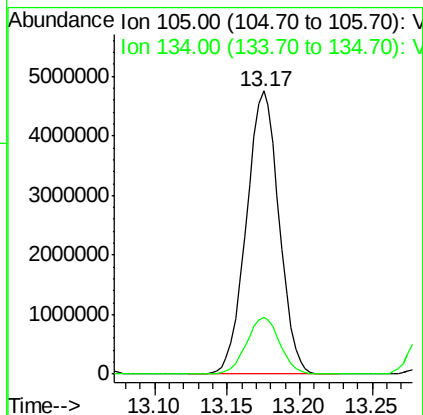
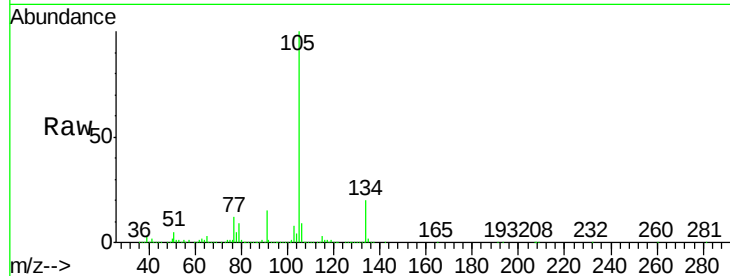




#85
 sec-Butylbenzene
 Concen: 98.246 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049772.D
 Acq: 12 Jul 2018 12:32

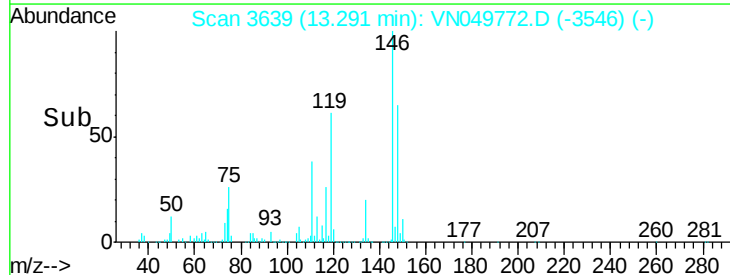
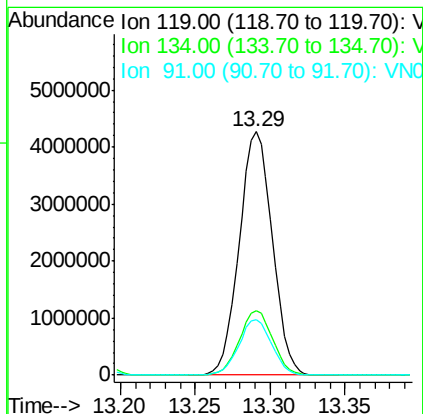
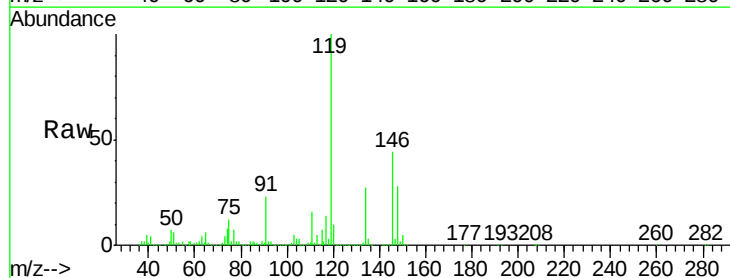
Instrument :
 MSVOA_N
 ClientSampleId :

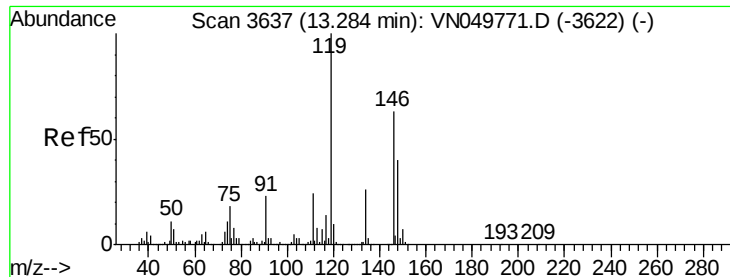
Tot Ion:105 Resp: 7460657
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 102.072 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049772.D
 Acq: 12 Jul 2018 12:32

Tgt Ion:119 Resp: 6559130
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 95.200 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :

MSVOA_N

ClientSampleId :

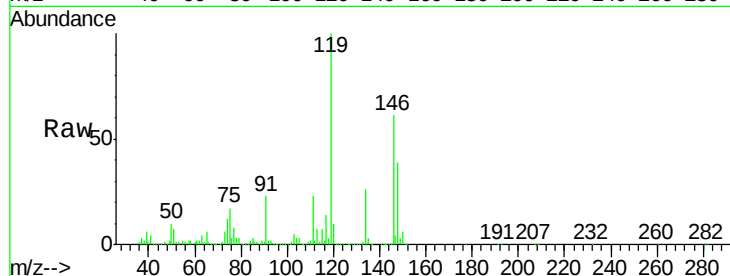
Tot Ion:146 Resp: 3568294

Ion Ratio Lower Upper

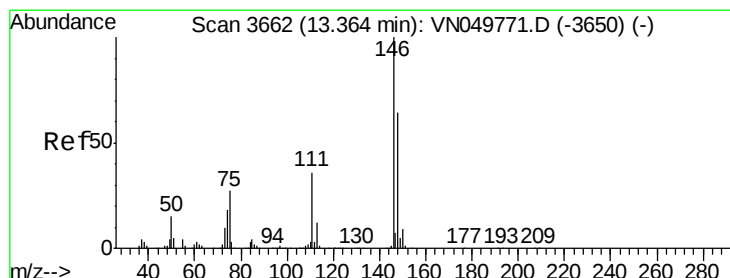
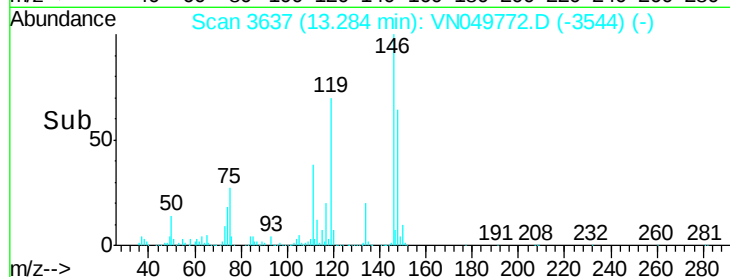
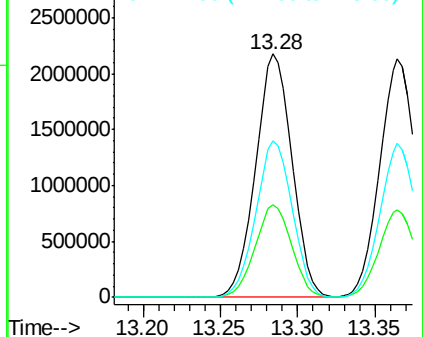
146 100

111 38.1 19.0 57.0

148 64.2 32.5 97.5



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: 95.649 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

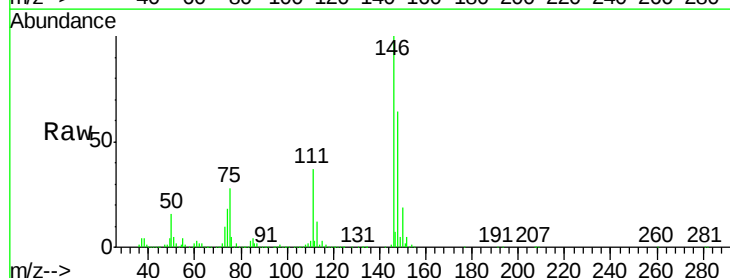
Tgt Ion:146 Resp: 3485341

Ion Ratio Lower Upper

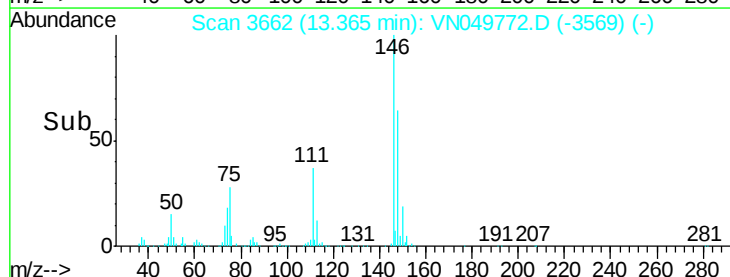
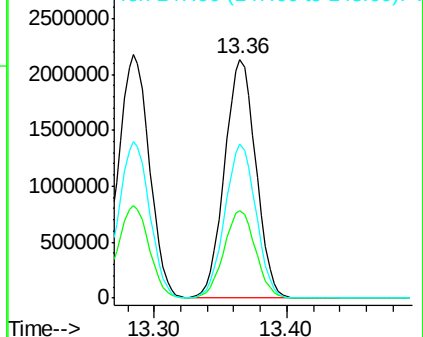
146 100

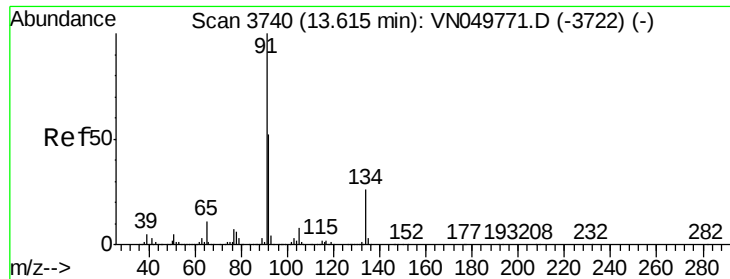
111 36.9 18.9 56.5

148 64.1 32.1 96.3



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

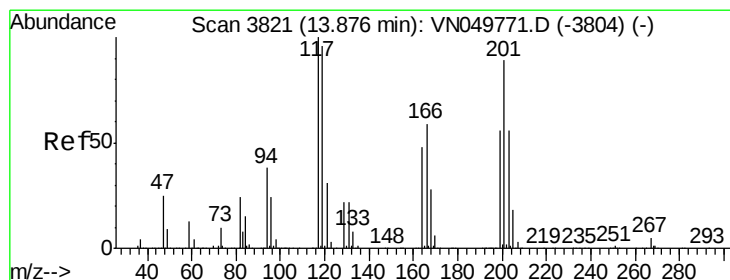
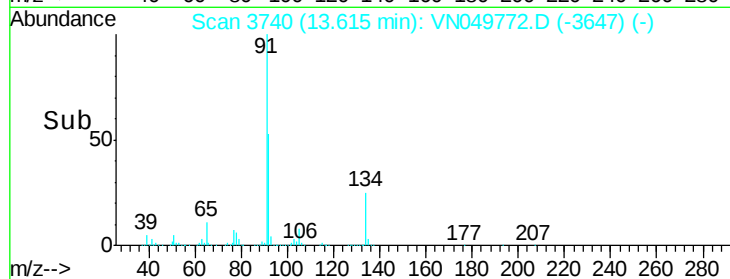
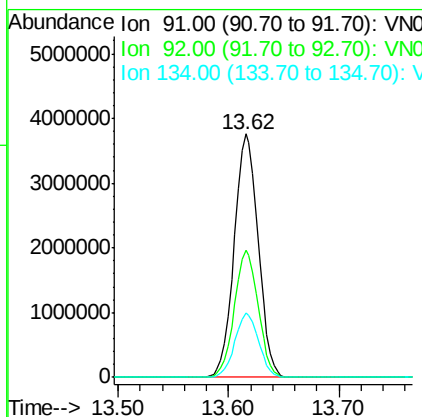
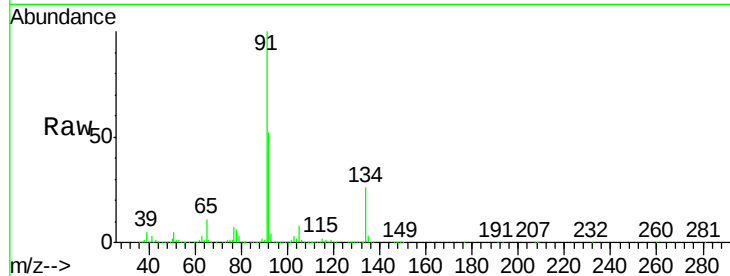




#89
n-Butylbenzene
Concen: 106.520 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

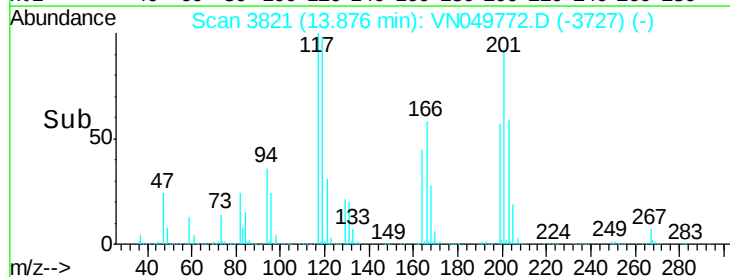
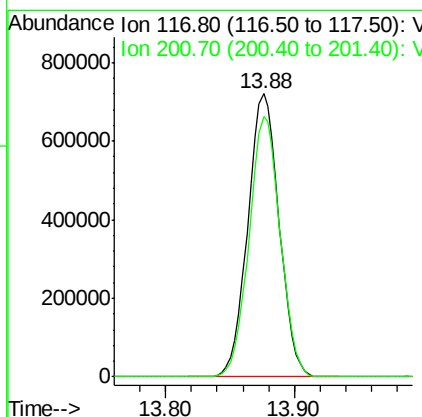
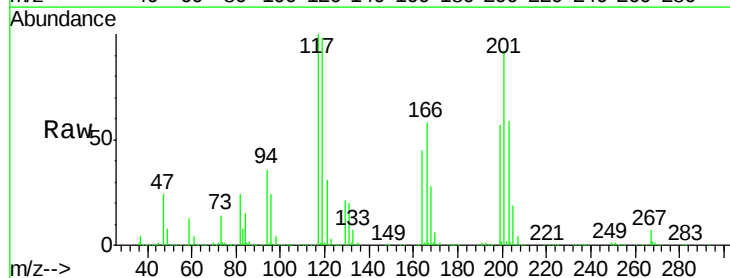
Instrument :
MSVOA_N
ClientSampleId :

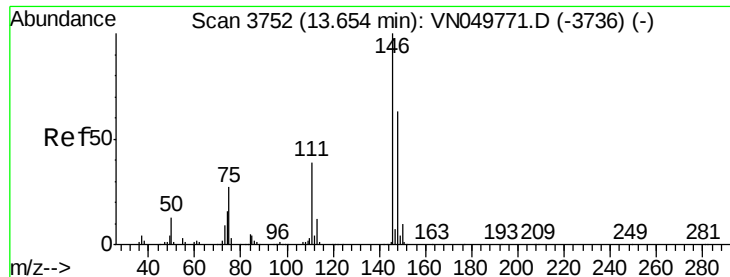
Tot Ion: 91 Resp: 5650673
Ion Ratio Lower Upper
91 100
92 51.9 25.8 77.3
134 26.3 13.0 38.9



#90
Hexachloroethane
Concen: 98.648 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049772.D
Acq: 12 Jul 2018 12:32

Tgt Ion: 117 Resp: 1216500
Ion Ratio Lower Upper
117 100
201 91.6 45.3 135.8





#91

1,2-Dichlorobenzene

Concen: 93.320 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Instrument :

MSVOA_N

ClientSampled :

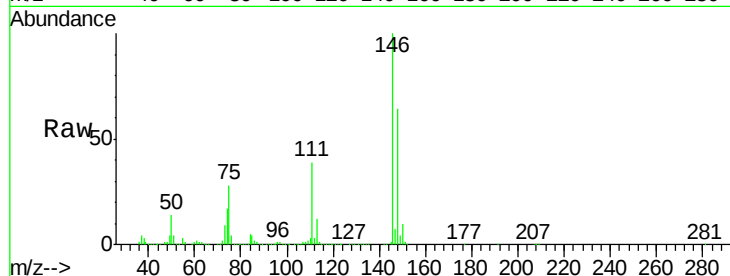
Tot Ion:146 Resp: 3413742

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.1

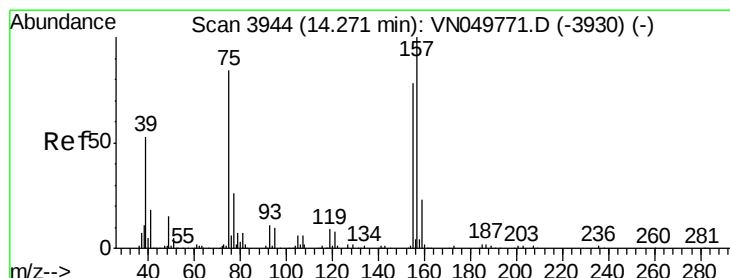
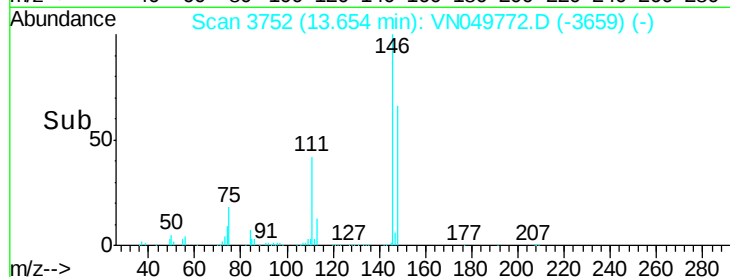
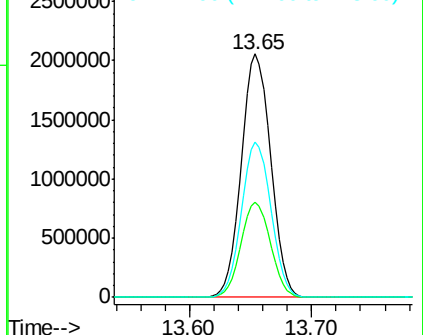
148 63.9 32.0 96.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 97.649 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

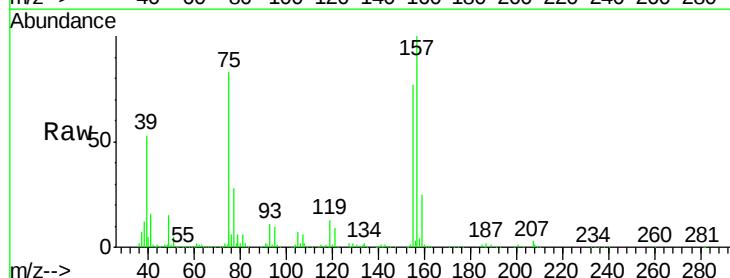
Tgt Ion: 75 Resp: 279907

Ion Ratio Lower Upper

75 100

155 93.9 45.7 137.1

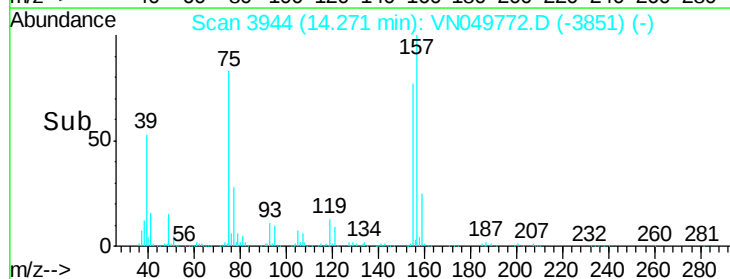
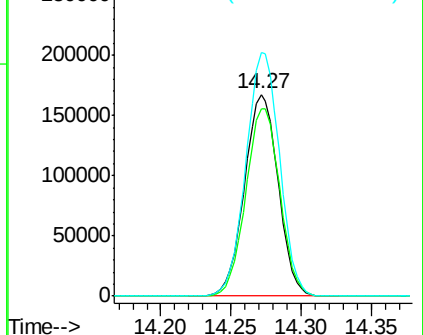
157 121.2 56.9 170.7

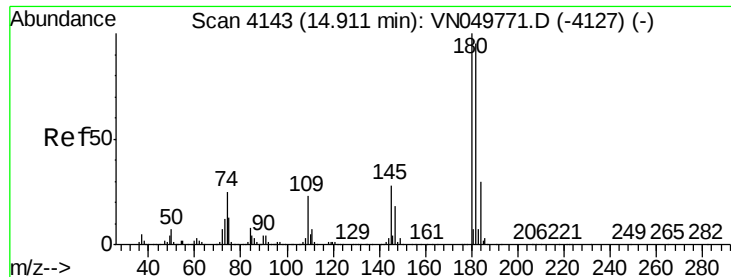


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

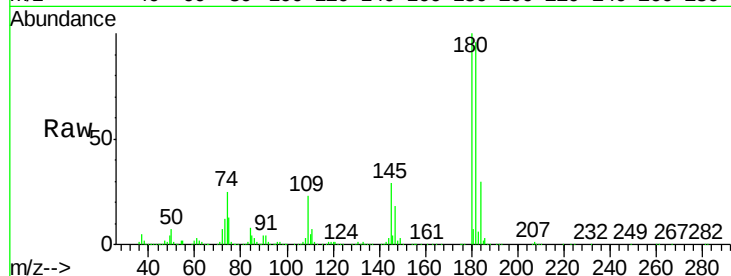




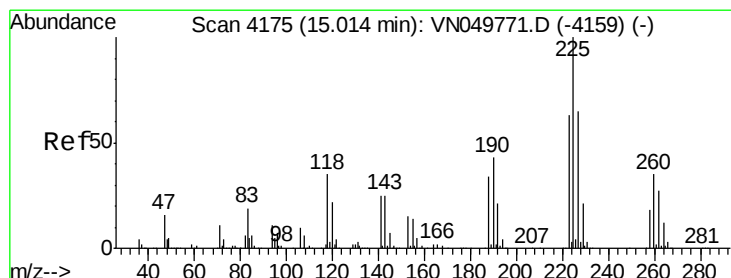
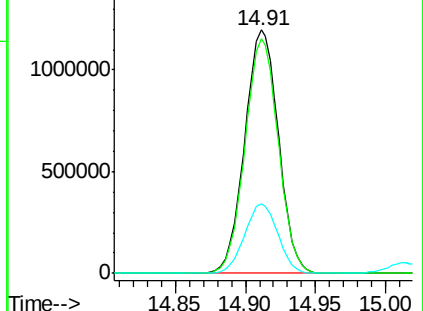
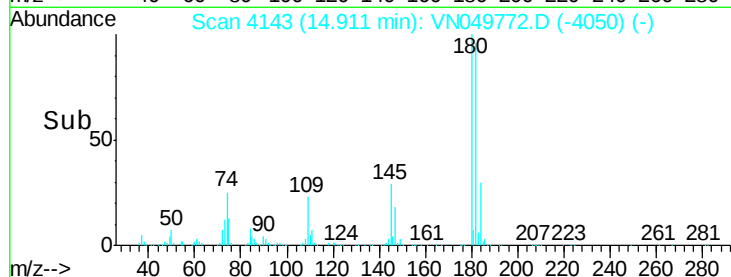
#93
 1,2,4-Trichlorobenzene
 Concen: 96.728 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049772.D
 Acq: 12 Jul 2018 12:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 2001496
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.3 141.9
 145 28.5 14.4 43.0

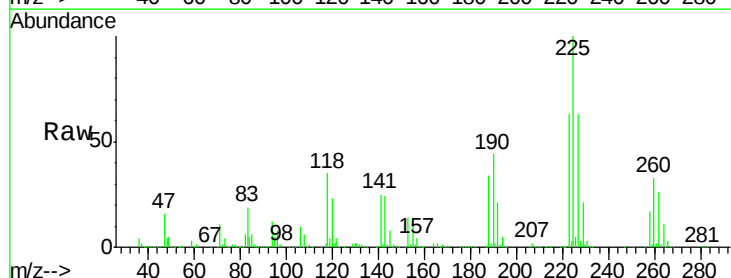


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

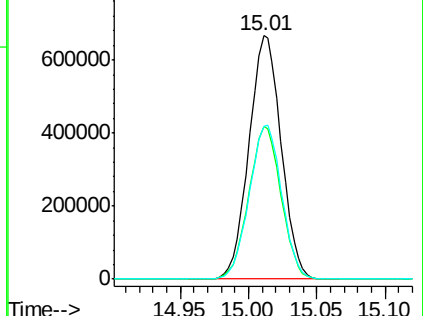
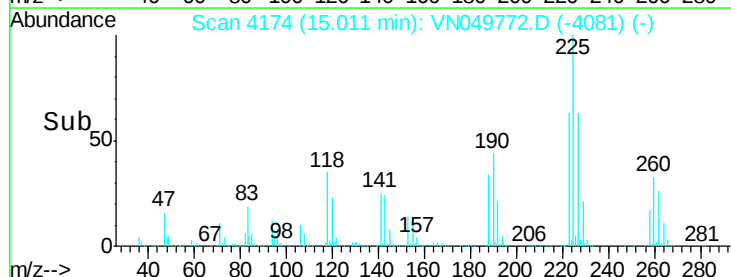


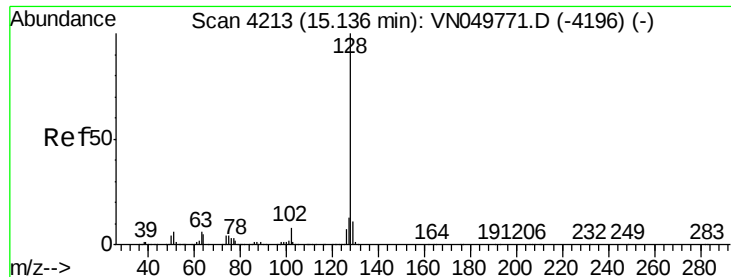
#94
 Hexachlorobutadiene
 Concen: 98.602 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049772.D
 Acq: 12 Jul 2018 12:32

Tgt Ion:225 Resp: 1092229
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.9 92.7
 227 63.7 31.8 95.4



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





#95

Naphthalene

Concen: 97.285 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

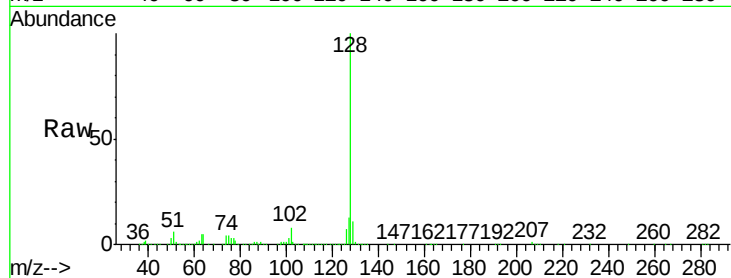
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 4397691

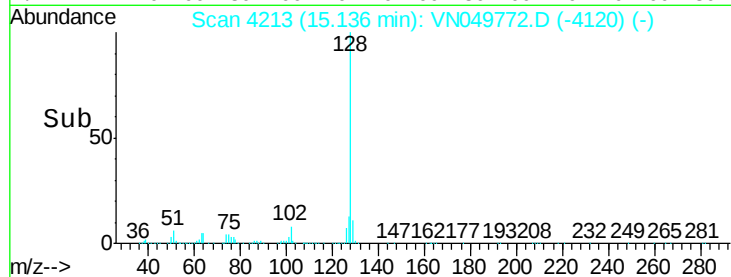
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	8.6	13.0



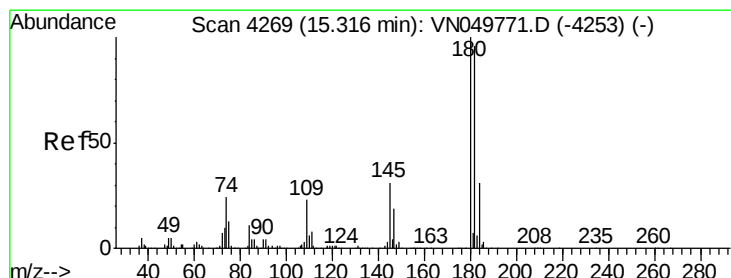
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 108.681 ug/l

RT: 15.32 min Scan# 4269

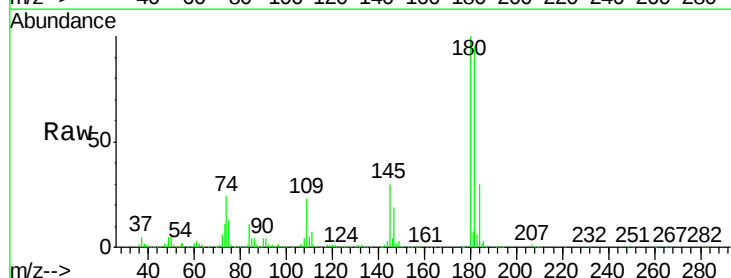
Delta R.T. 0.00 min

Lab File: VN049772.D

Acq: 12 Jul 2018 12:32

Tgt Ion:180 Resp: 1928026

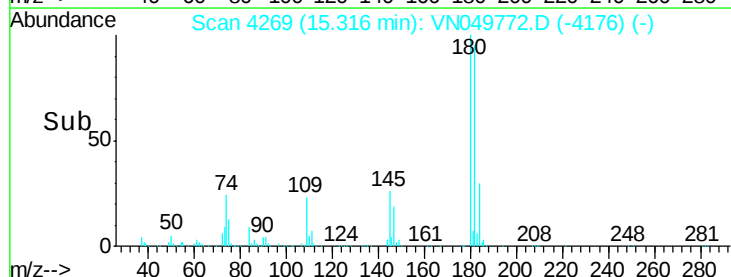
Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.2
145	30.3	15.2	45.6



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



Time-->