

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112918\
 Data File : VN052577.D
 Acq On : 29 Nov 2018 20:38
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 30 00:30:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1076679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1692383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1498398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	687493	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	570825	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	7.59	113	526061	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.09	98	2009258	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	679940	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	452323	44.868	ug/l	98
3) Chloromethane	2.06	50	586248	44.054	ug/l	100
4) Vinyl Chloride	2.19	62	616182	45.076	ug/l	99
5) Bromomethane	2.57	94	360639	42.282	ug/l	99
6) Chloroethane	2.71	64	380008	45.893	ug/l	100
7) Trichlorofluoromethane	3.02	101	805532	47.972	ug/l	99
8) Diethyl Ether	3.41	74	296751	47.856	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	499757	47.697	ug/l	98
10) Methyl Iodide	3.96	142	731532	52.420	ug/l	99
11) Tert butyl alcohol	4.78	59	128376	218.740	ug/l	98
12) 1,1-Dichloroethene	3.74	96	487216	48.308	ug/l	99
13) Acrolein	3.61	56	181977	186.576	ug/l	98
14) Allyl chloride	4.33	41	771164	44.364	ug/l	92
15) Acrylonitrile	4.99	53	831361	223.780	ug/l	100
16) Acetone	3.82	43	558061	180.481	ug/l	99
17) Carbon Disulfide	4.06	76	1382227	43.549	ug/l	99
18) Methyl Acetate	4.33	43	405709	45.742	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1296664	48.321	ug/l	100
20) Methylene Chloride	4.55	84	556362	45.980	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	525846	48.817	ug/l	95
22) Diisopropyl ether	5.95	45	1740683	47.673	ug/l	98
23) Vinyl Acetate	5.90	43	5371028	236.171	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1008867	48.393	ug/l	100
25) 2-Butanone	6.83	43	901534	205.703	ug/l	96
26) 2,2-Dichloropropane	6.82	77	672076	46.575	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	610699	48.670	ug/l	98
28) Bromochloromethane	7.20	49	444392	46.670	ug/l	95
29) Tetrahydrofuran	7.21	42	598607	211.760	ug/l	98
30) Chloroform	7.37	83	984491	47.332	ug/l	98
31) Cyclohexane	7.65	56	923101	45.716	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	814049	49.397	ug/l	99
36) 1,1-Dichloropropene	7.80	75	759580	47.528	ug/l	99
37) Ethyl Acetate	6.93	43	413776	42.423	ug/l	98
38) Carbon Tetrachloride	7.78	117	704411	48.689	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	915983	47.155	ug/l	98
40) Benzene	8.04	78	2280781	47.887	ug/l	100
41) Methacrylonitrile	7.18	41	244109	45.779	ug/l	95
42) 1,2-Dichloroethane	8.12	62	688422	47.737	ug/l	100
43) Isopropyl Acetate	8.17	43	784846	47.550	ug/l	99
44) Trichloroethene	8.84	130	595655	48.824	ug/l	100
45) 1,2-Dichloropropane	9.12	63	611504	48.292	ug/l	99
46) Dibromomethane	9.21	93	334448	47.711	ug/l	98
47) Bromodichloromethane	9.40	83	737180	48.370	ug/l	100
48) Methyl methacrylate	9.20	41	391007	45.431	ug/l	99
49) 1,4-Dioxane	9.20	88	83808	938.269	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	2054743	221.872	ug/l	99
52) Toluene	10.16	92	1384380	48.921	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	720805	49.162	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	865820	49.278	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	476488	47.869	ug/l	99
56) Ethyl methacrylate	10.43	69	611348	44.540	ug/l	98
57) 1,3-Dichloropropane	10.71	76	832181	47.348	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1703371	235.831	ug/l	99
59) 2-Hexanone	10.75	43	1340634	215.692	ug/l	99
60) Dibromochloromethane	10.90	129	529445	48.973	ug/l	99
61) 1,2-Dibromoethane	11.01	107	473073	47.851	ug/l	99
64) Tetrachloroethene	10.63	164	570170	49.078	ug/l	99
65) Chlorobenzene	11.44	112	1514721	49.025	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	536887	49.976	ug/l	100
67) Ethyl Benzene	11.51	91	2669346	49.336	ug/l	100
68) m/p-Xylenes	11.62	106	1994088	99.000	ug/l	100
69) o-Xylene	11.95	106	978190	50.010	ug/l	99
70) Styrene	11.96	104	1595601	51.216	ug/l	99
71) Bromoform	12.13	173	344285	48.401	ug/l #	100
73) Isopropylbenzene	12.25	105	2612578	48.437	ug/l	99
74) N-amyl acetate	12.07	43	651049	47.777	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	544299	44.361	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	679569	64.101	ug/l #	100
77) Bromobenzene	12.53	156	641221	48.096	ug/l	97
78) n-propylbenzene	12.59	91	2989290	48.784	ug/l	99
79) 2-Chlorotoluene	12.67	91	1739220	47.663	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2110961	49.072	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	144843	45.626	ug/l	100
82) 4-Chlorotoluene	12.77	91	1766280	48.028	ug/l	99
83) tert-Butylbenzene	12.99	119	1850193	48.244	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2144508	49.744	ug/l	100
85) sec-Butylbenzene	13.17	105	2514267	48.134	ug/l	100
86) p-Isopropyltoluene	13.29	119	2160865	48.570	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1131737	48.529	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1108020	48.236	ug/l	99
89) n-Butylbenzene	13.62	91	1827524	49.393	ug/l	100
90) Hexachloroethane	13.88	117	357451	47.451	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	1081659	48.547	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	77675	44.263	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

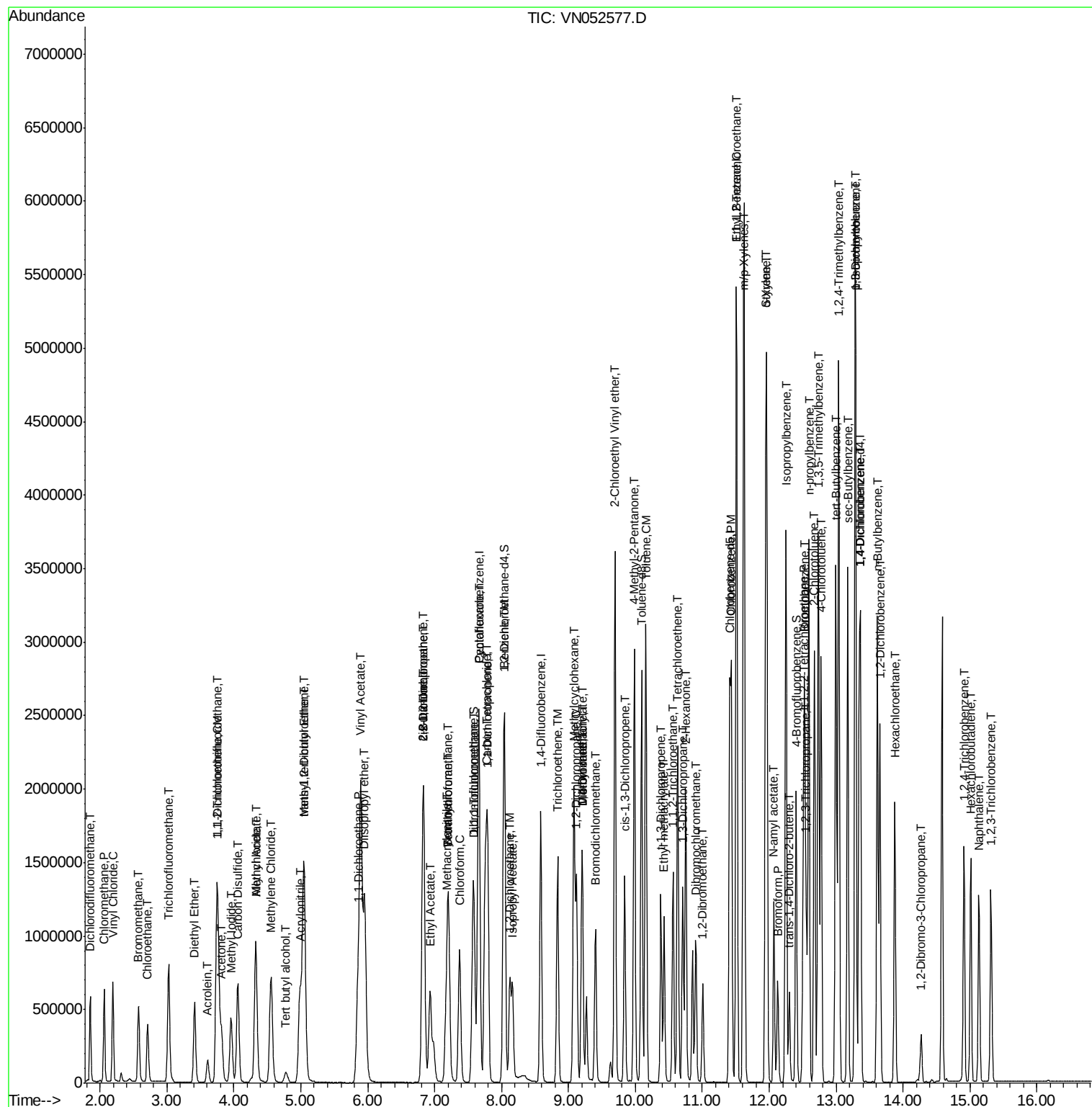
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	551745	45.477	ug/l	99
94) Hexachlorobutadiene	15.01	225	324447	45.265	ug/l	100
95) Naphthalene	15.13	128	1115227	43.560	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	503980	45.187	ug/l	100

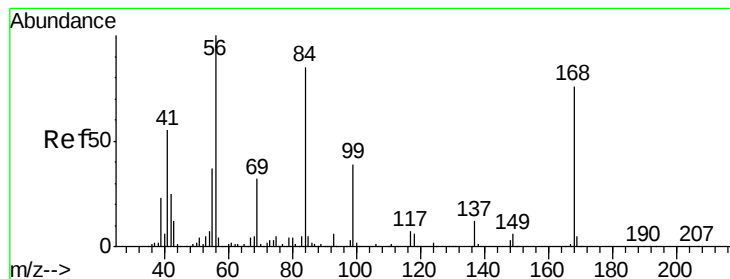
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112918\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

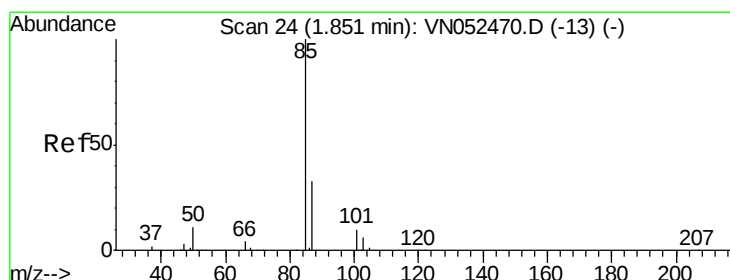
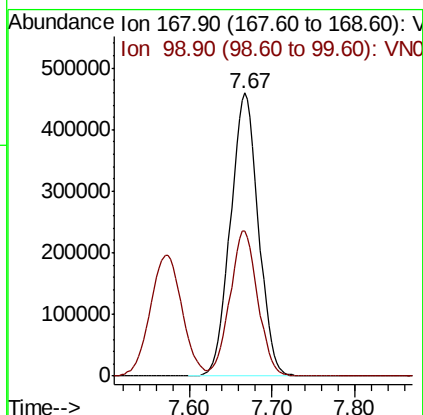
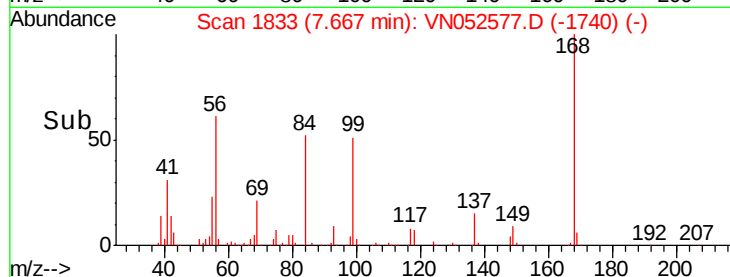
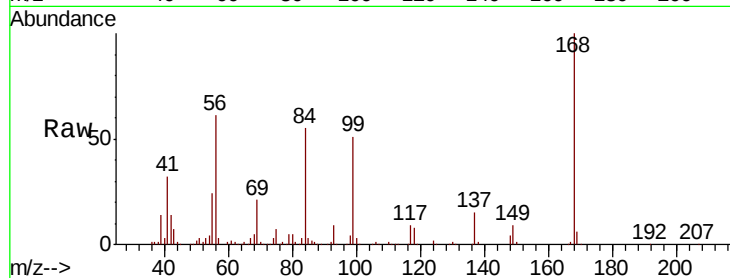
VSTDCCC050EC

Tot Ion:168 Resp: 1076679

Ion Ratio Lower Upper

168 100

99 51.2 41.7 62.5



#2

Dichlorodifluoromethane

Concen: 44.868 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052577.D

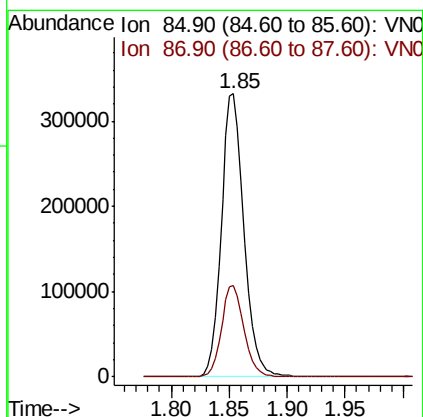
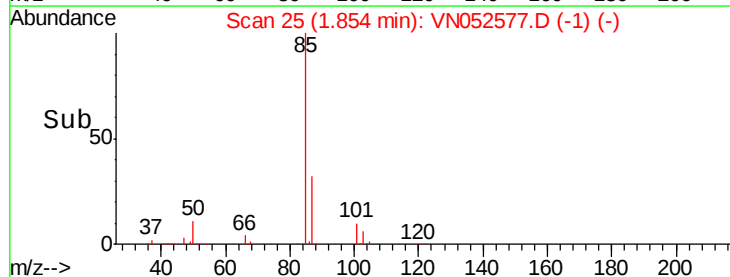
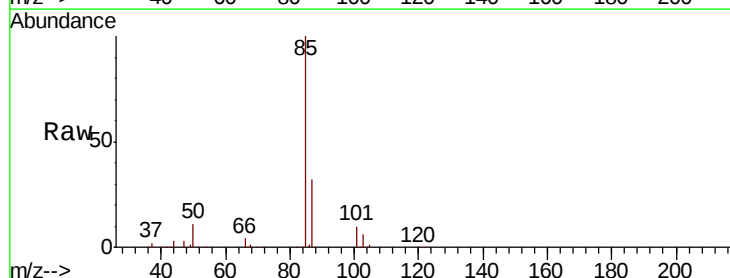
Acq: 29 Nov 2018 20:38

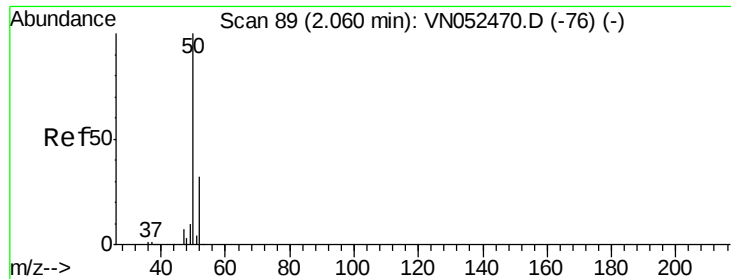
Tgt Ion: 85 Resp: 452323

Ion Ratio Lower Upper

85 100

87 32.5 16.7 50.1





#3

Chloromethane

Concen: 44.054 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

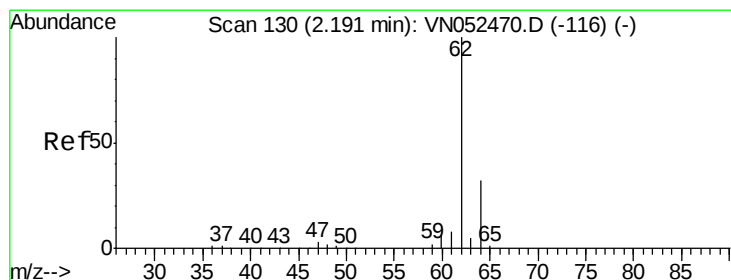
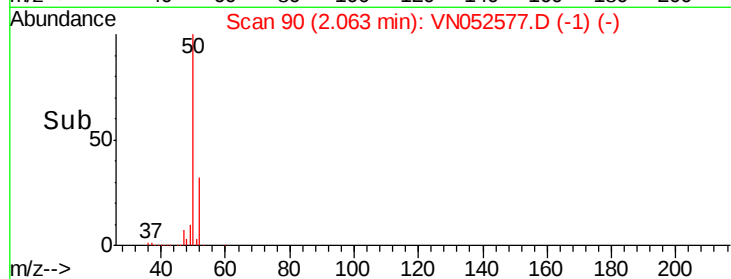
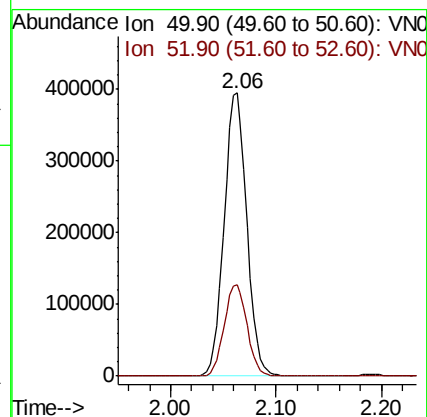
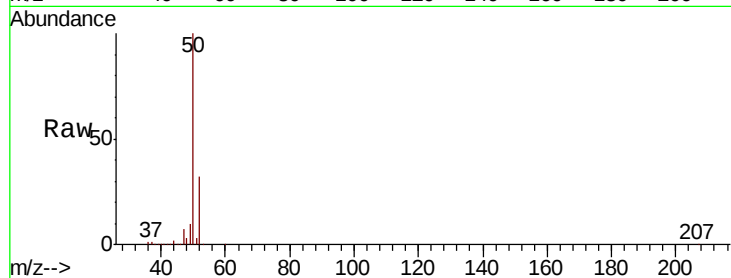
VSTDCCC050EC

Tot Ion: 50 Resp: 586248

Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



#4

Vinyl Chloride

Concen: 45.076 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052577.D

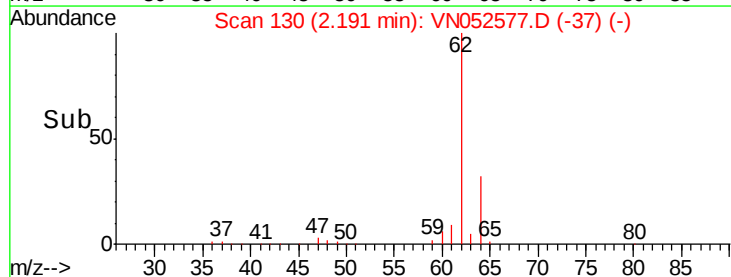
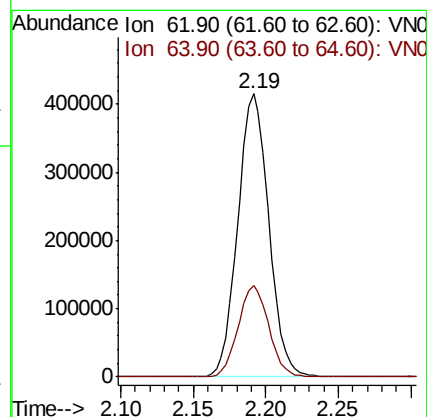
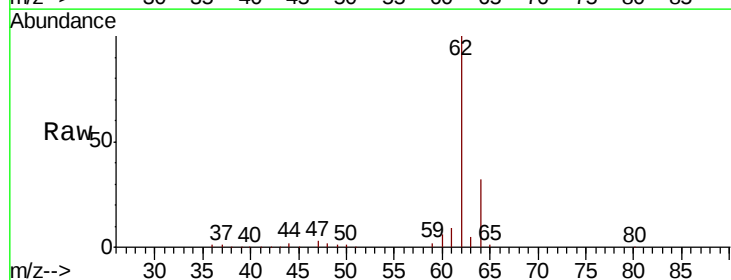
Acq: 29 Nov 2018 20:38

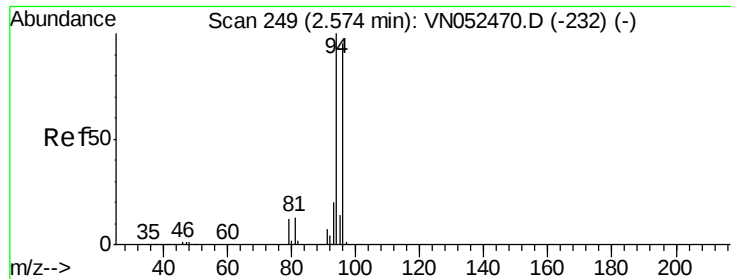
Tgt Ion: 62 Resp: 616182

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 42.282 ug/l

RT: 2.57 min Scan# 249

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

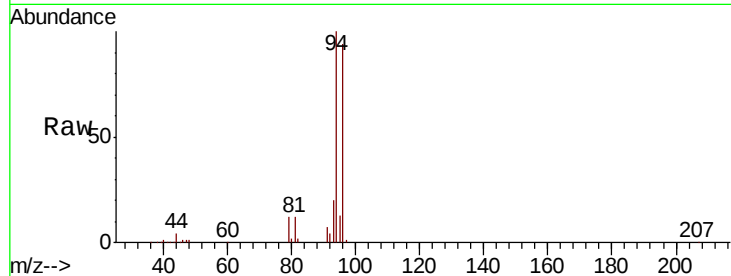
VSTDCCC050EC

Tot Ion: 94 Resp: 360639

Ion Ratio Lower Upper

94 100

96 93.8 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

200000

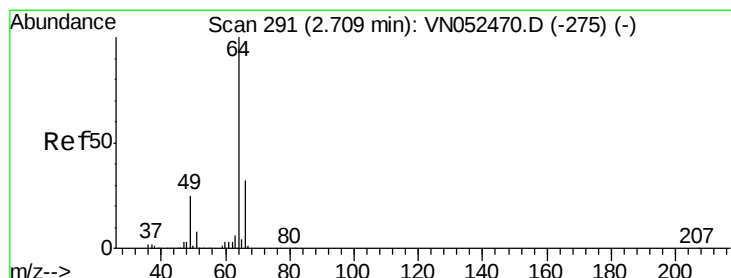
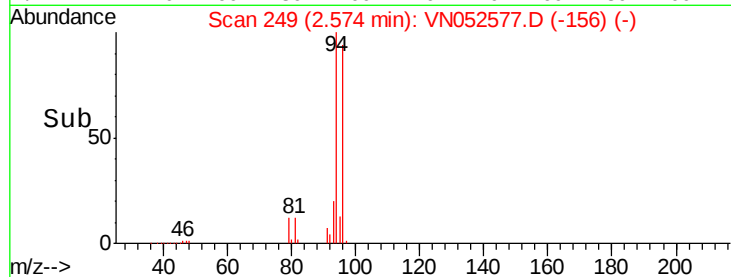
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 45.893 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052577.D

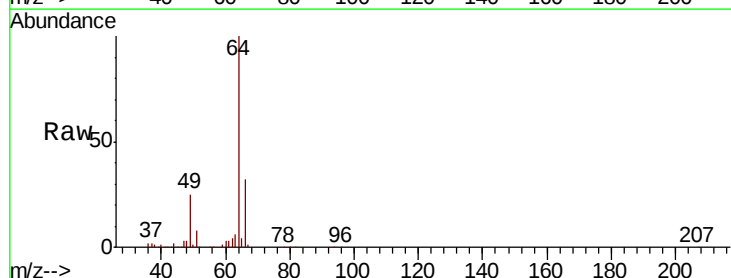
Acq: 29 Nov 2018 20:38

Tgt Ion: 64 Resp: 380008

Ion Ratio Lower Upper

64 100

66 32.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

200000

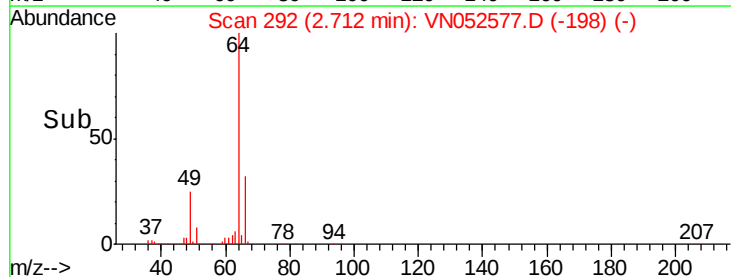
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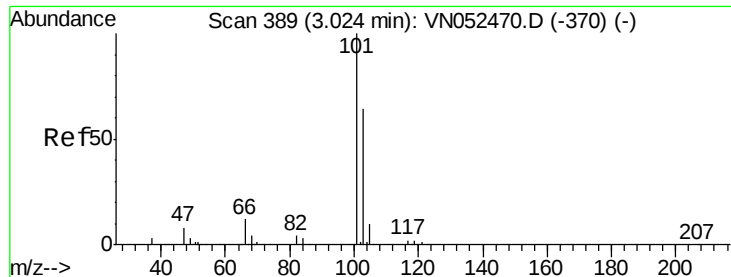
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Time-->



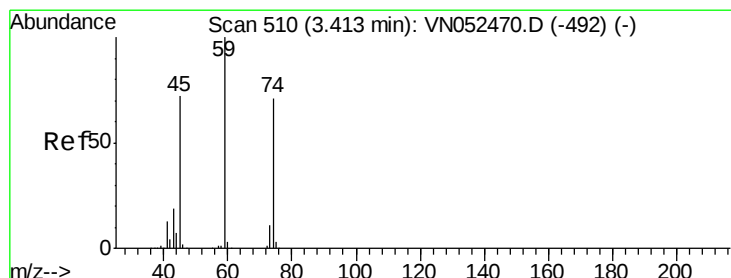
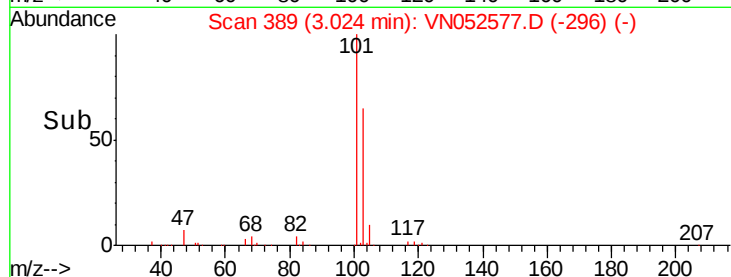
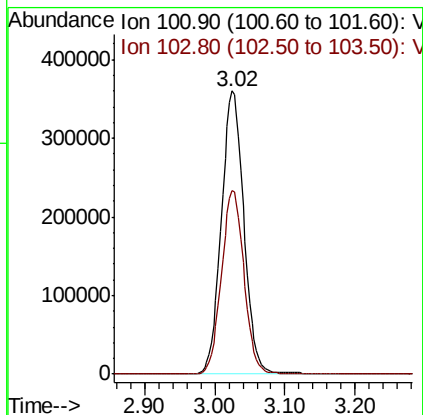
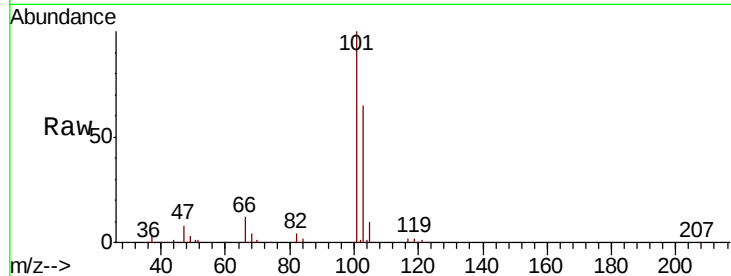


#7

Trichlorofluoromethane
 Concen: 47.972 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

Instrument :
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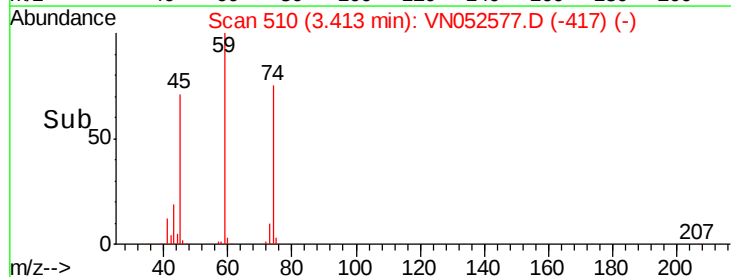
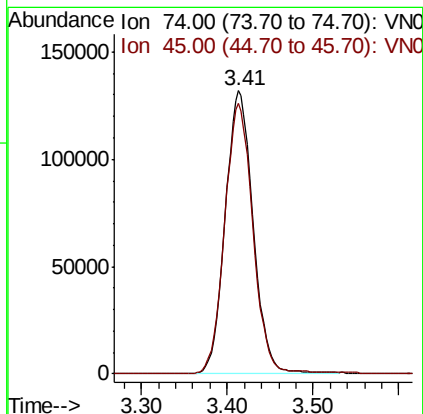
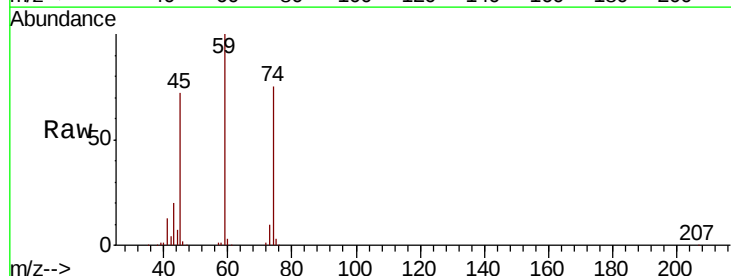
Tot Ion:101 Resp: 805532
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.2



#8

Diethyl Ether
 Concen: 47.856 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

Tgt Ion: 74 Resp: 296751
 Ion Ratio Lower Upper
 74 100
 45 95.8 50.4 151.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.697 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

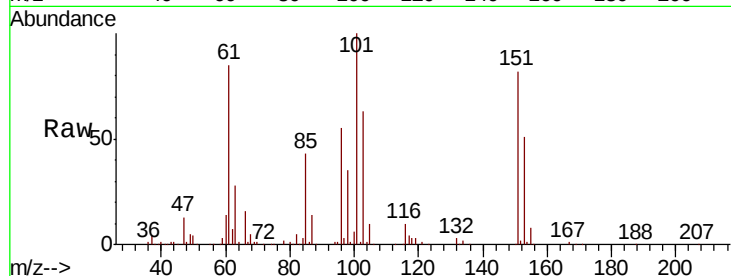
Tot Ion:101 Resp: 499757

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.4

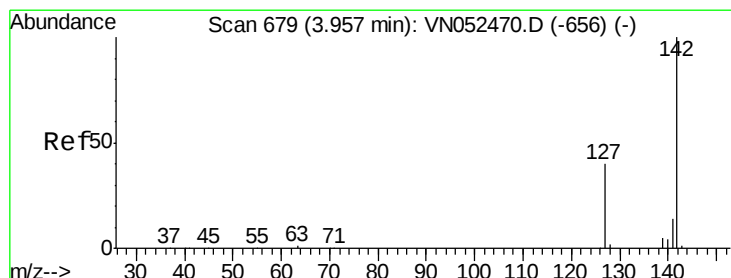
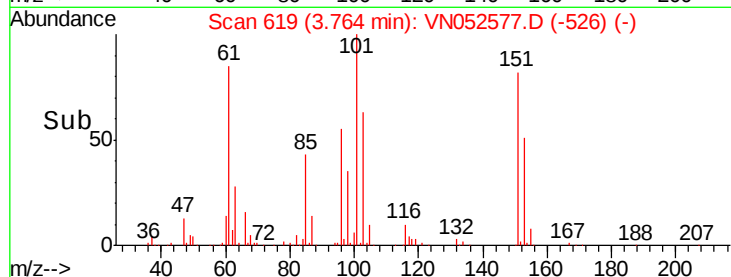
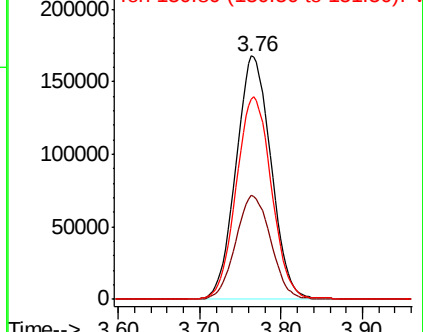
151 83.8 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.420 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

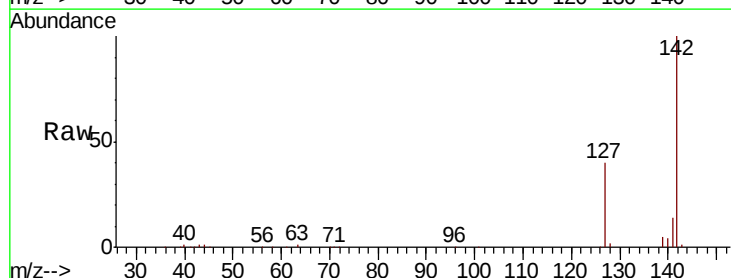
Tgt Ion:142 Resp: 731532

Ion Ratio Lower Upper

142 100

127 39.2 31.8 47.6

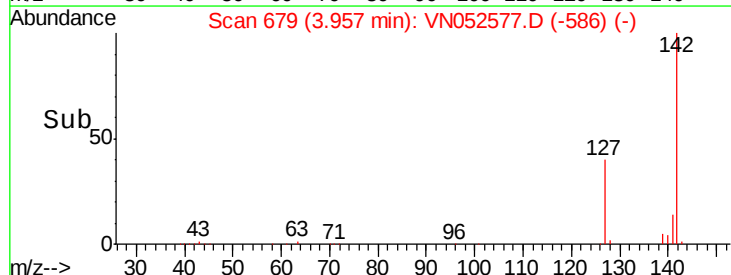
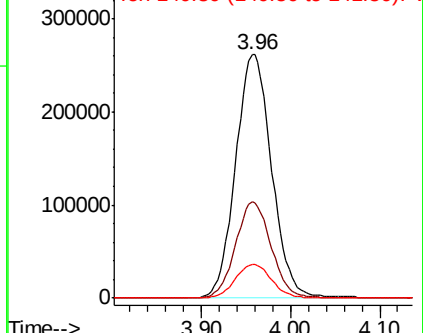
141 14.0 11.4 17.0

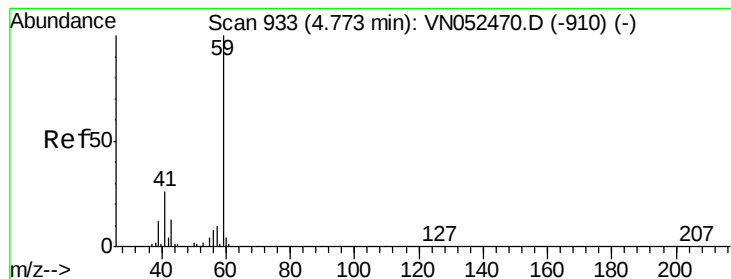


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



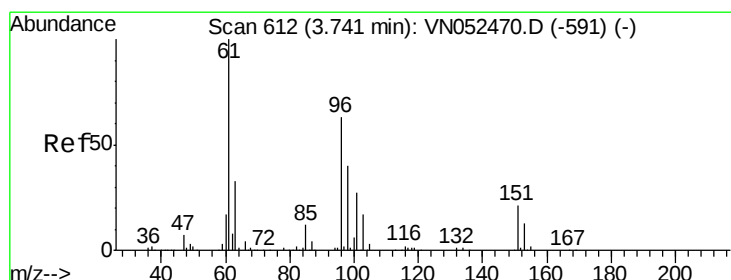
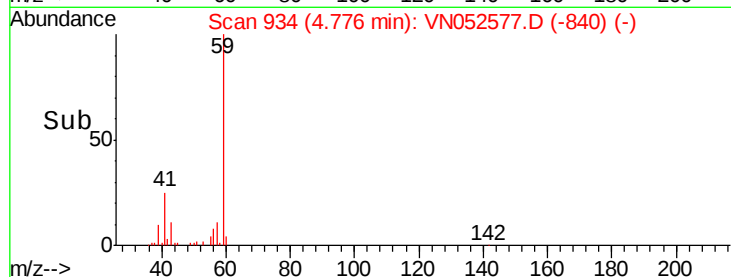
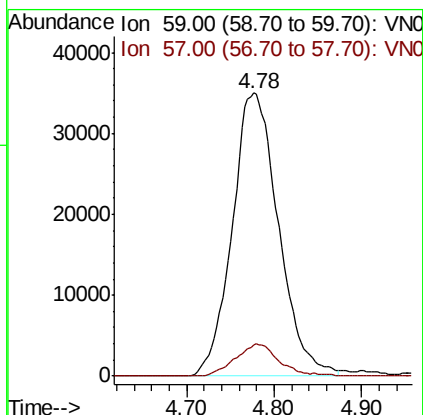
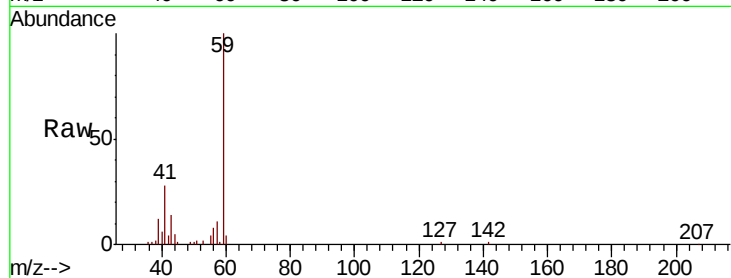


#11

Tert butyl alcohol
Concen: 218.740 ug/l
RT: 4.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

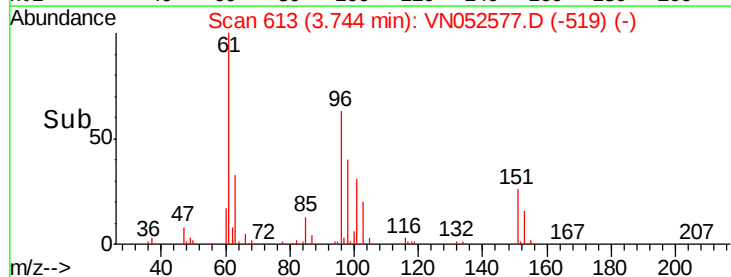
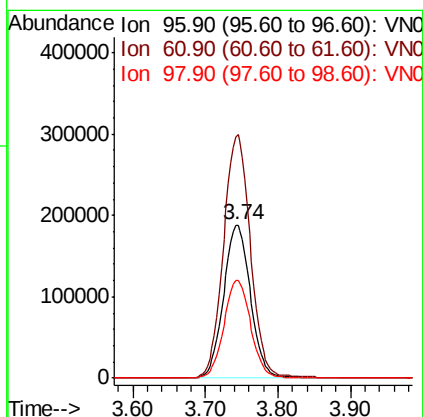
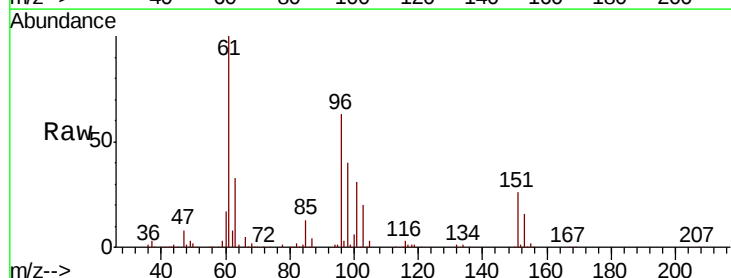
Tot Ion: 59 Resp: 128376
Ion Ratio Lower Upper
59 100
57 10.7 7.9 11.9

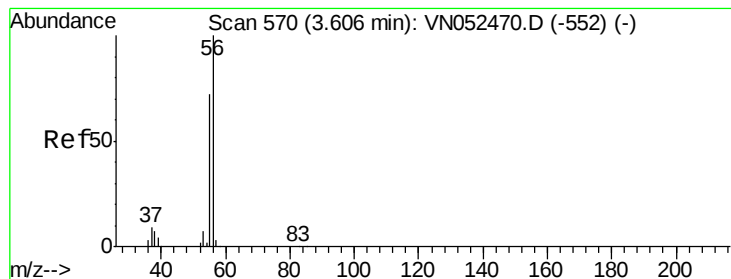


#12

1,1-Dichloroethene
Concen: 48.308 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Tgt Ion: 96 Resp: 487216
Ion Ratio Lower Upper
96 100
61 159.3 127.0 190.6
98 64.0 50.3 75.5





#13

Acrolein

Concen: 186.576 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

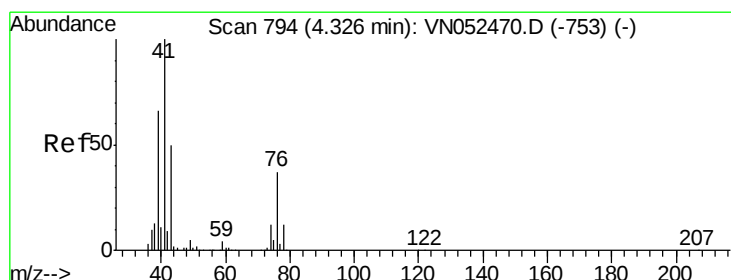
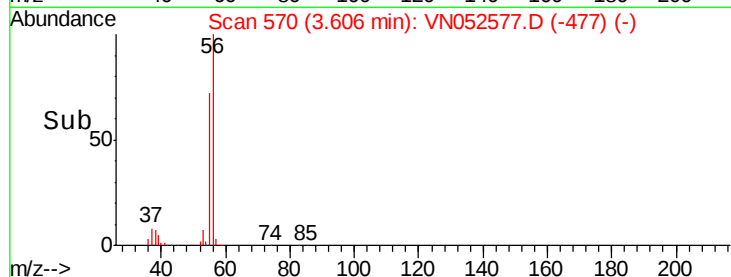
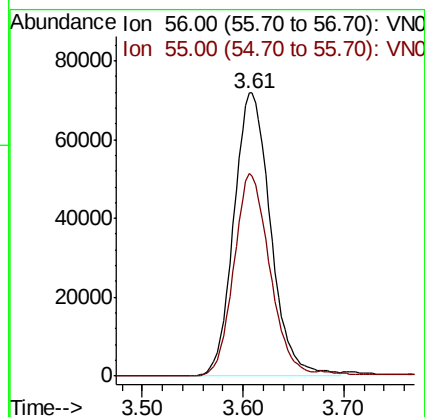
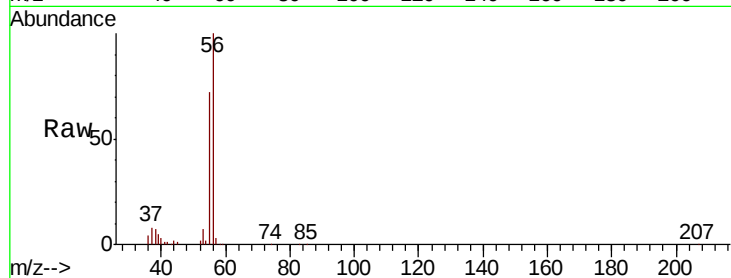
VSTDCCC050EC

Tot Ion: 56 Resp: 181977

Ion Ratio Lower Upper

56 100

55 69.7 56.8 85.2



#14

Allyl chloride

Concen: 44.364 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

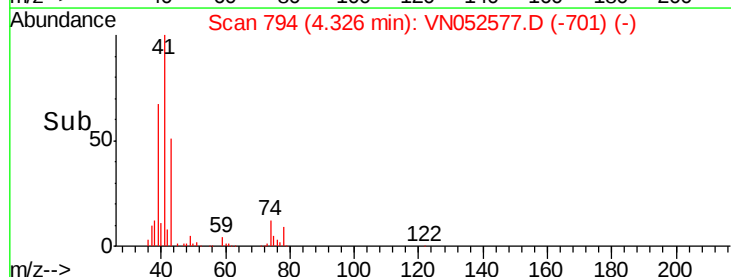
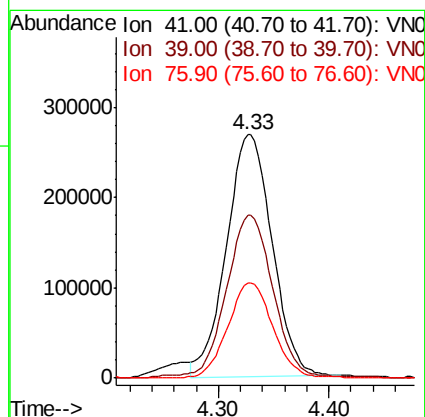
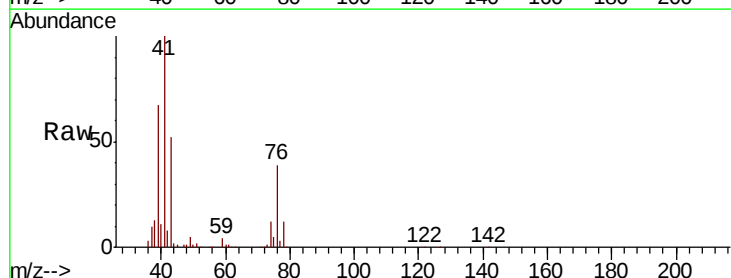
Tgt Ion: 41 Resp: 771164

Ion Ratio Lower Upper

41 100

39 69.8 50.6 76.0

76 38.4 27.4 41.2





#15

Acrylonitrile

Concen: 223.780 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

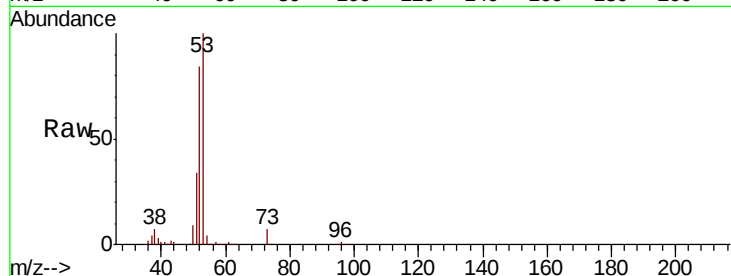
Tot Ion: 53 Resp: 831361

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.2

51 35.5 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN052470.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN052470.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN052470.D (-976) (-)

4.99

250000

200000

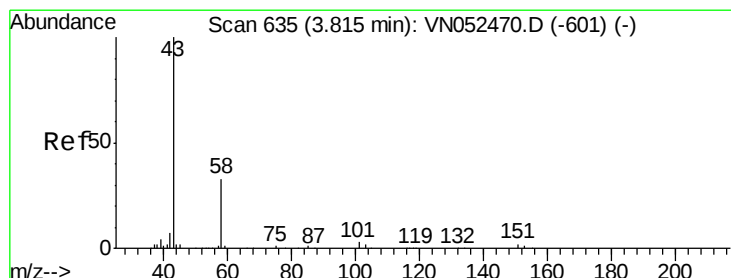
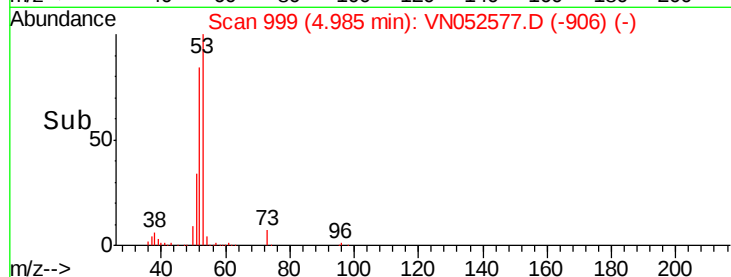
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 180.481 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052577.D

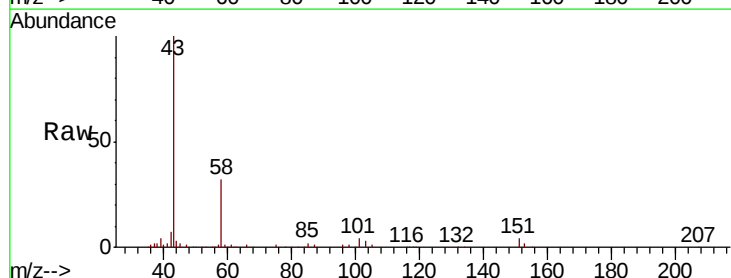
Acq: 29 Nov 2018 20:38

Tgt Ion: 43 Resp: 558061

Ion Ratio Lower Upper

43 100

58 32.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-601) (-)

3.82

200000

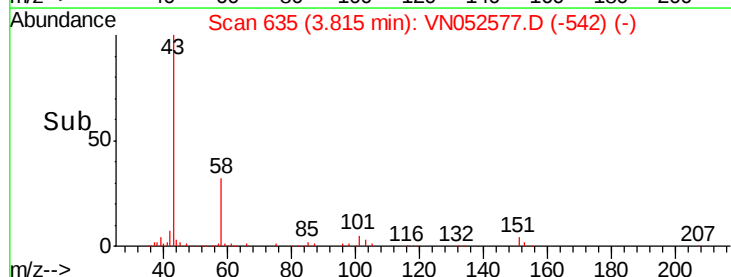
150000

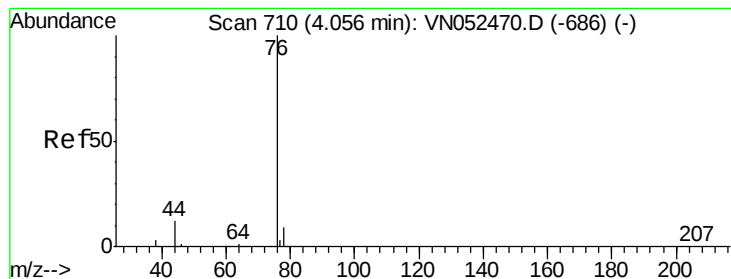
100000

50000

0

Time-->





#17

Carbon Disulfide

Concen: 43.549 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

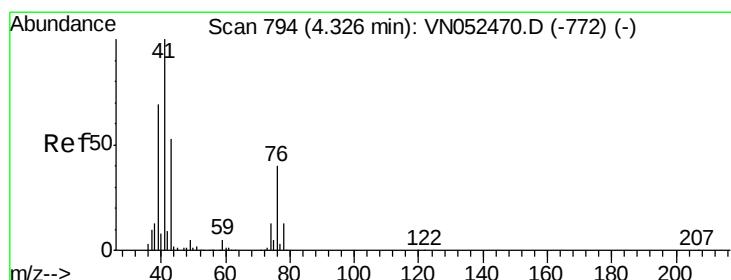
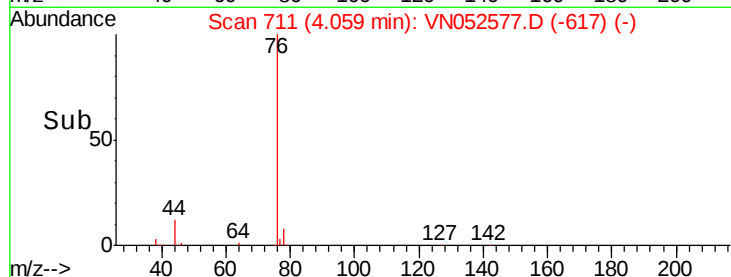
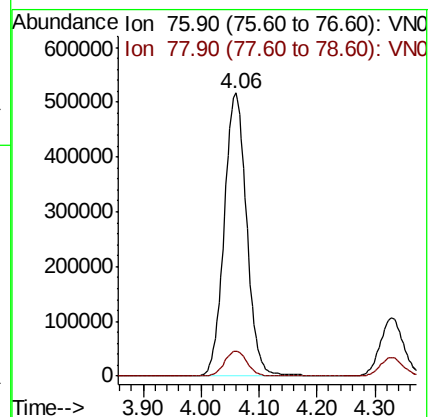
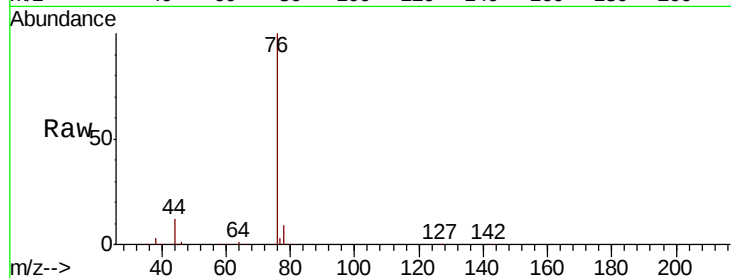
VSTDCCC050EC

Tot Ion: 76 Resp: 1382227

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



#18

Methyl Acetate

Concen: 45.742 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052577.D

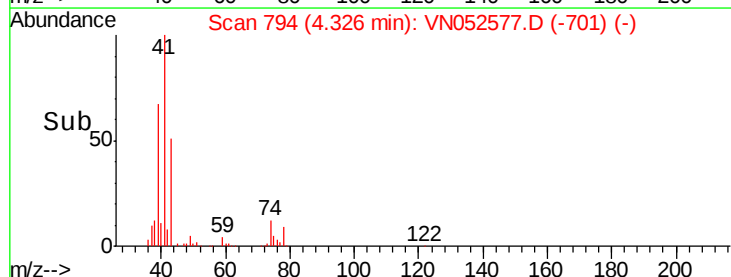
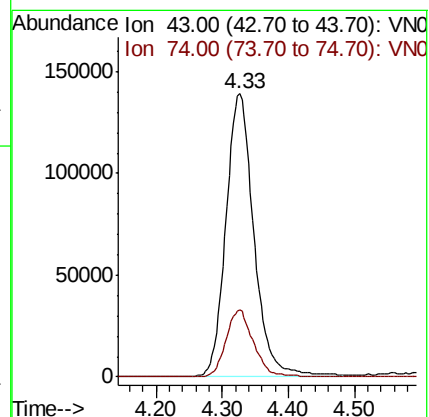
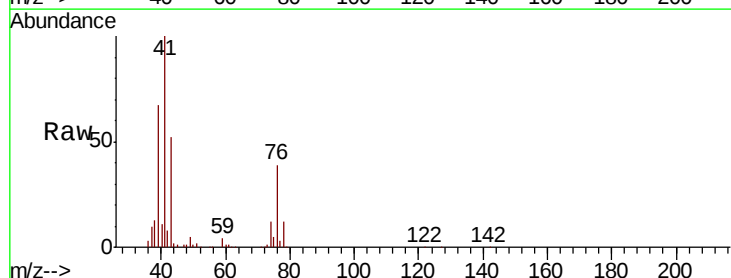
Acq: 29 Nov 2018 20:38

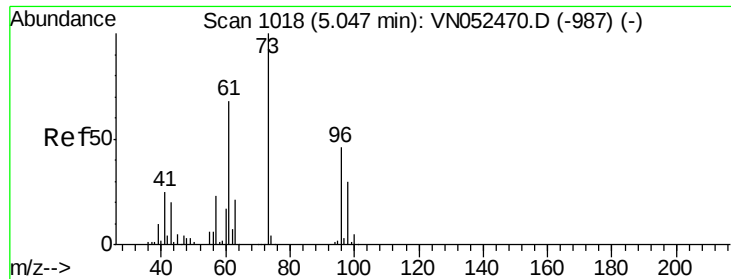
Tgt Ion: 43 Resp: 405709

Ion Ratio Lower Upper

43 100

74 23.1 18.6 27.8

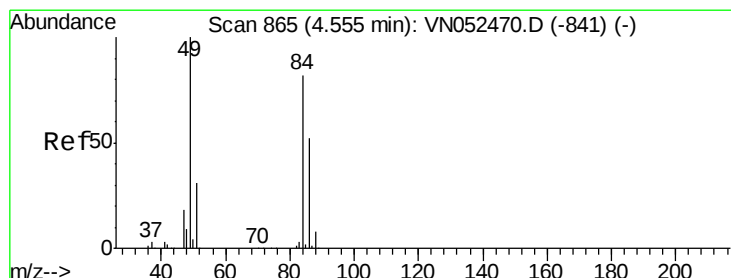
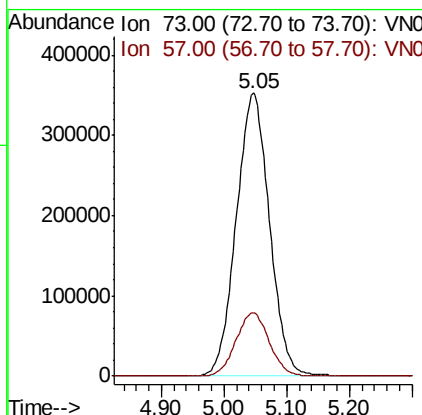
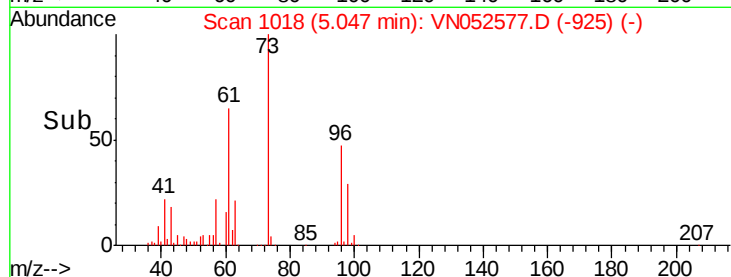
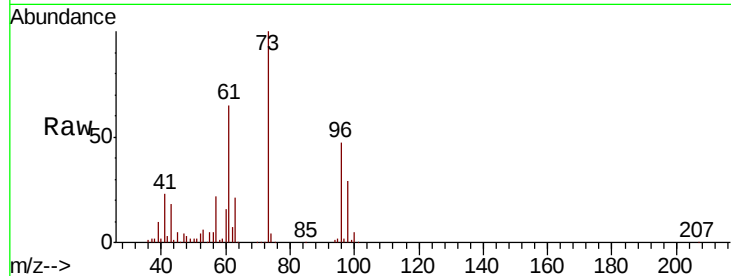




#19
Methyl tert-butyl Ether
Concen: 48.321 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

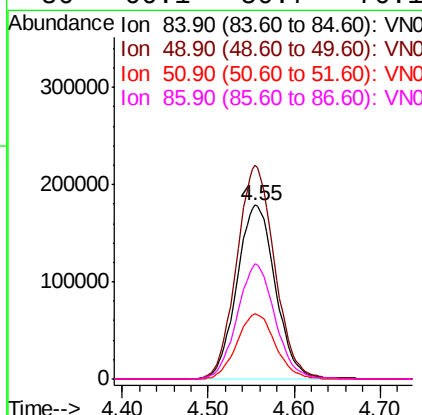
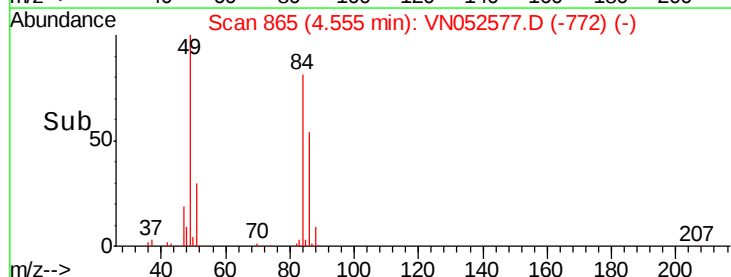
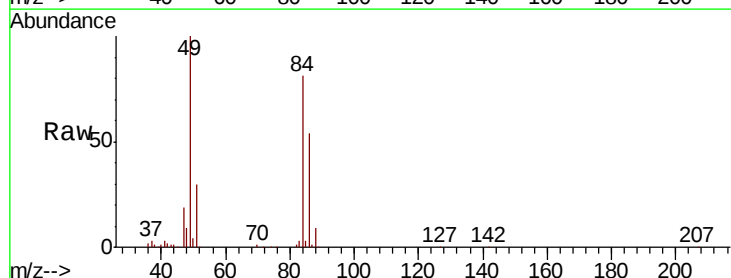
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

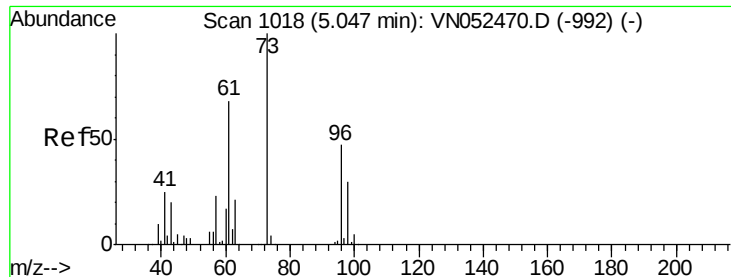
Tot Ion: 73 Resp: 1296664
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.2



#20
Methylene Chloride
Concen: 45.980 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Tgt Ion: 84 Resp: 556362
Ion Ratio Lower Upper
84 100
49 123.0 98.0 147.0
51 37.3 30.1 45.1
86 66.1 50.7 76.1

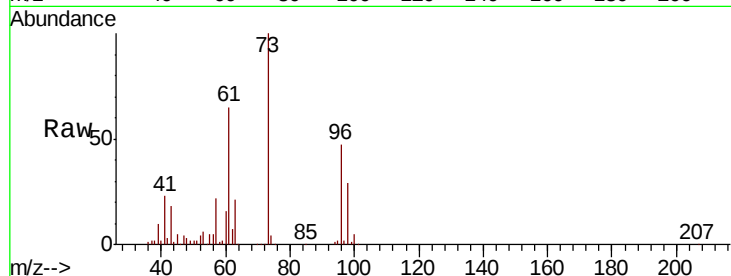




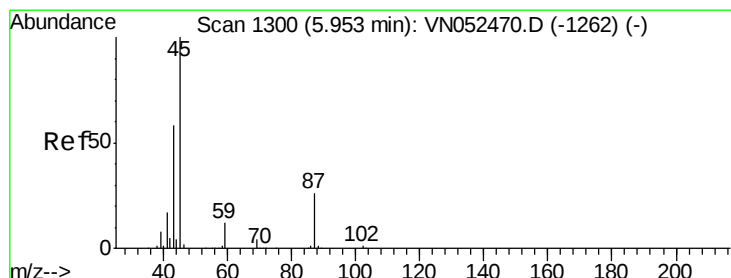
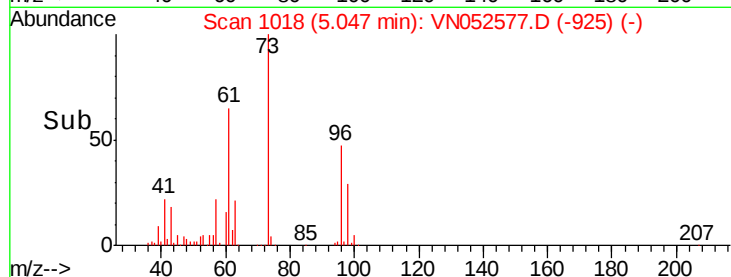
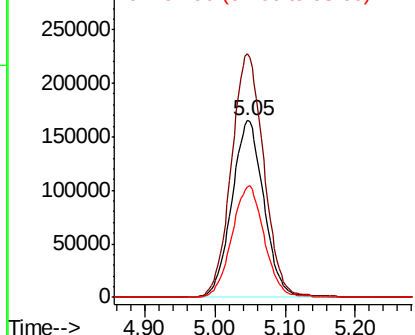
#21
trans-1,2-Dichloroethene
Concen: 48.817 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 525846
Ion Ratio Lower Upper
96 100
61 137.8 117.0 175.4
98 62.9 51.8 77.6

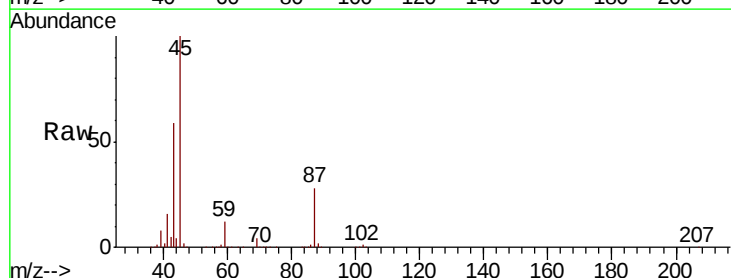


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

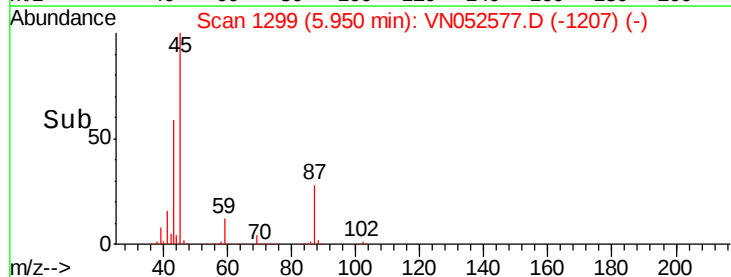
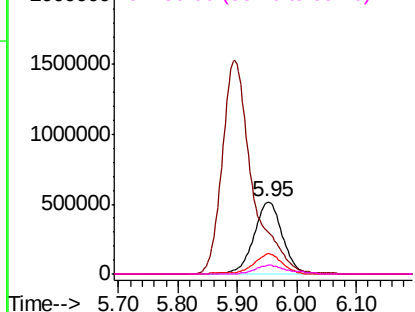


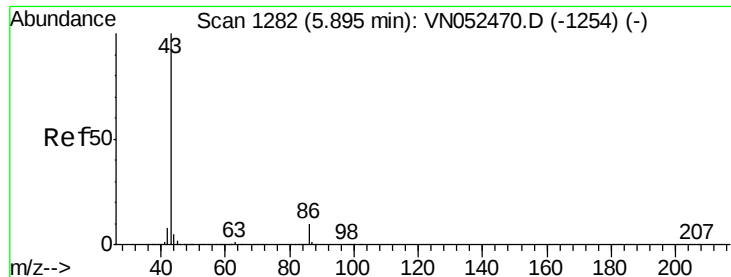
#22
Diisopropyl ether
Concen: 47.673 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Tgt Ion: 45 Resp: 1740683
Ion Ratio Lower Upper
45 100
43 59.1 46.1 69.1
87 27.5 21.3 31.9
59 11.8 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 236.171 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

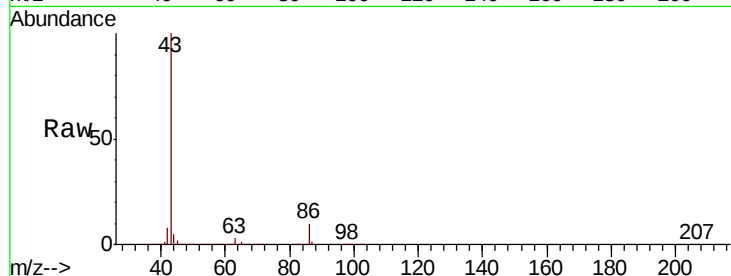
VSTDCCC050EC

Tot Ion: 43 Resp: 5371028

Ion Ratio Lower Upper

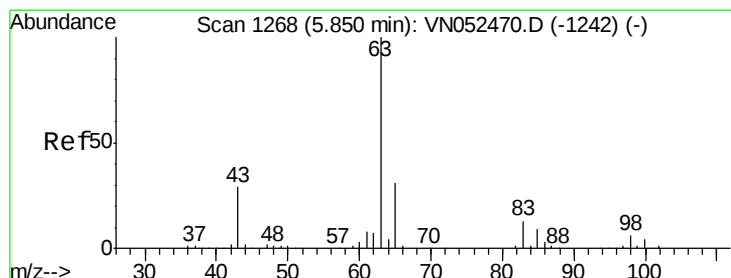
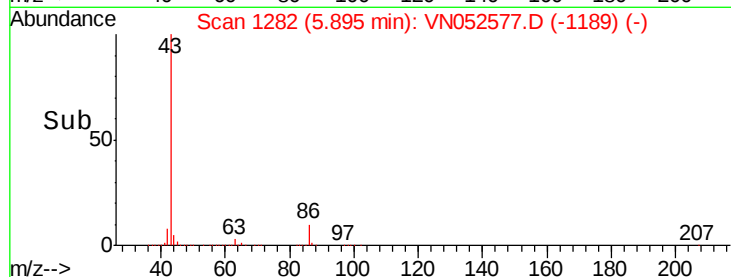
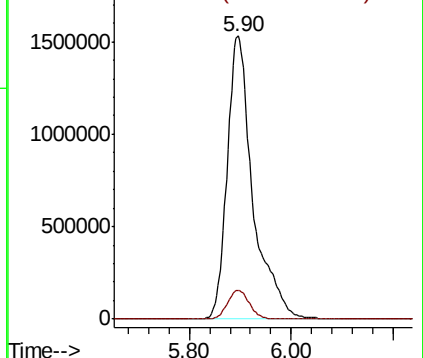
43 100

86 10.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.393 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

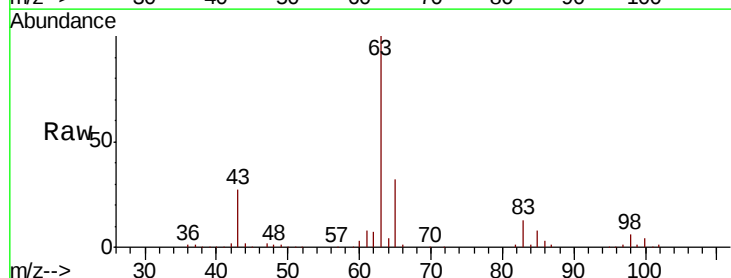
Tgt Ion: 63 Resp: 1008867

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

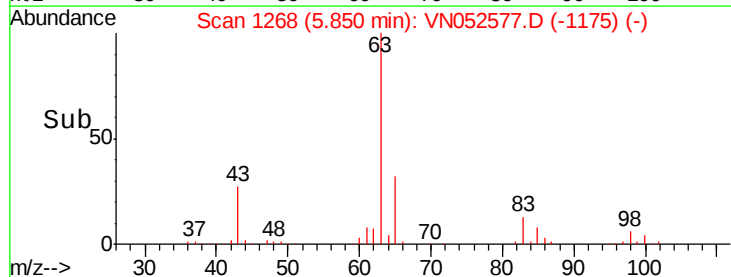
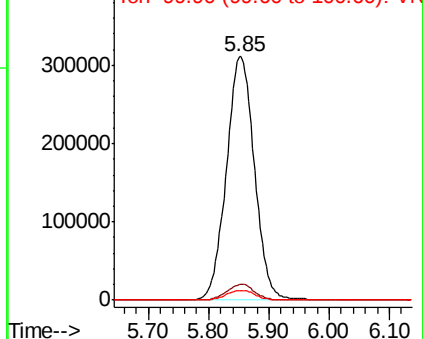
100 4.0 2.0 5.8

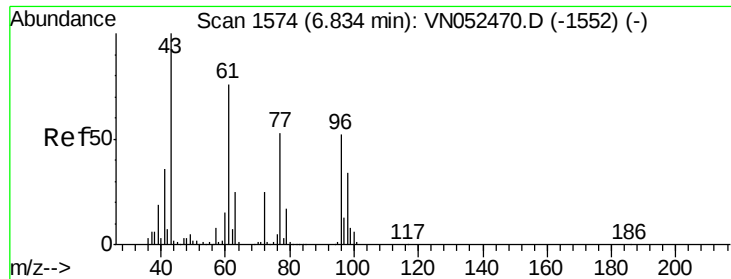


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 205.703 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

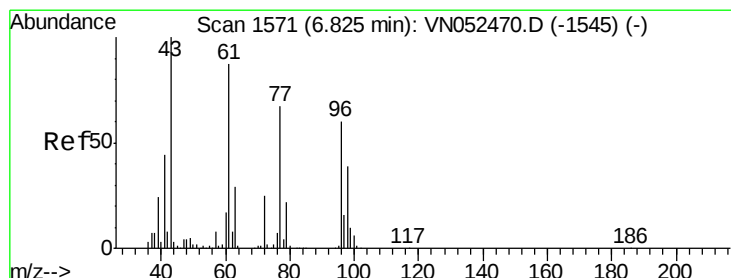
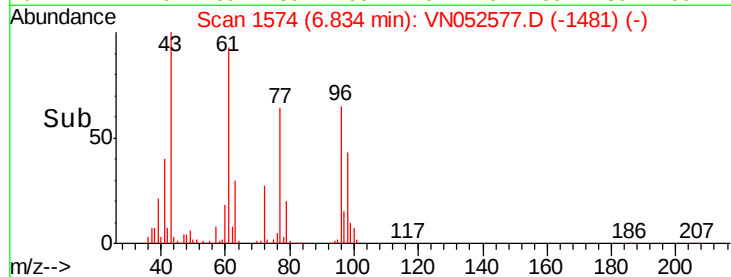
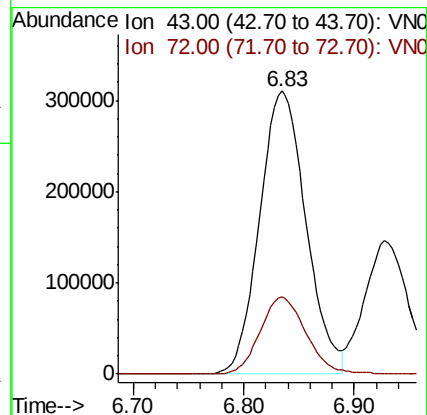
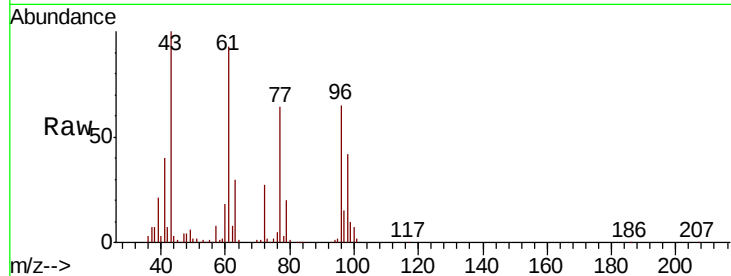
VSTDCCC050EC

Tot Ion: 43 Resp: 901534

Ion Ratio Lower Upper

43 100

72 27.2 20.1 30.1



#26

2,2-Dichloropropane

Concen: 46.575 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN052577.D

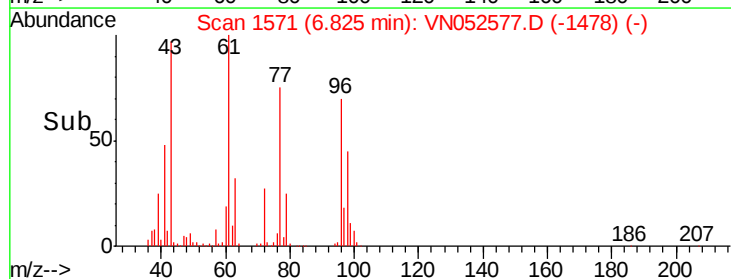
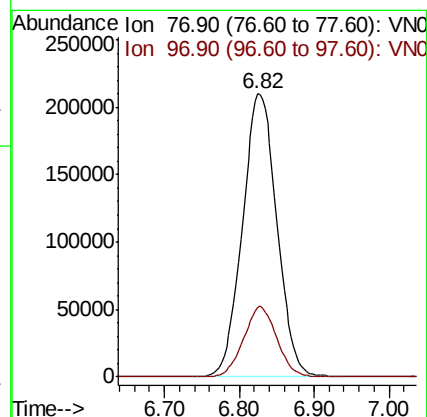
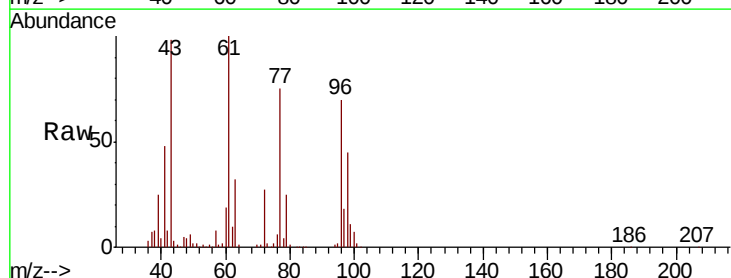
Acq: 29 Nov 2018 20:38

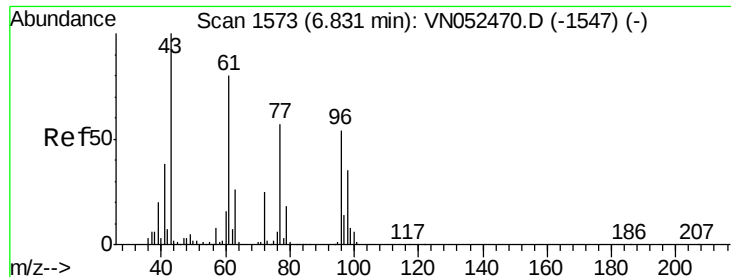
Tgt Ion: 77 Resp: 672076

Ion Ratio Lower Upper

77 100

97 23.9 11.8 35.3

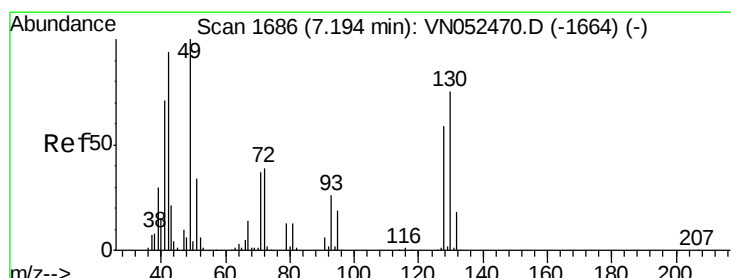
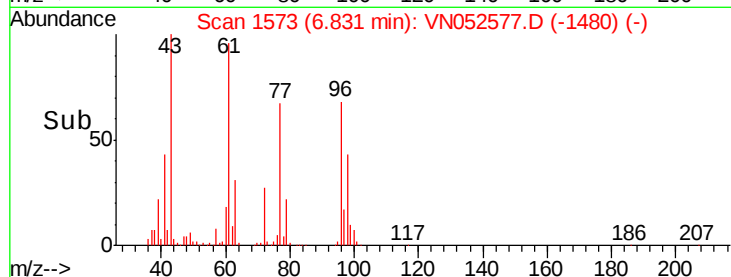
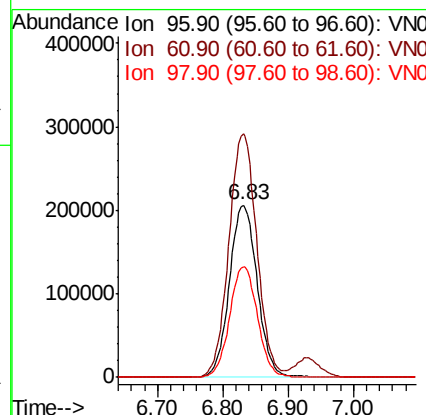
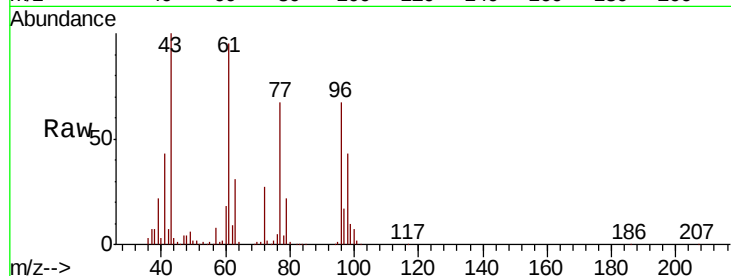




#27
 cis-1,2-Dichloroethene
 Concen: 48.670 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

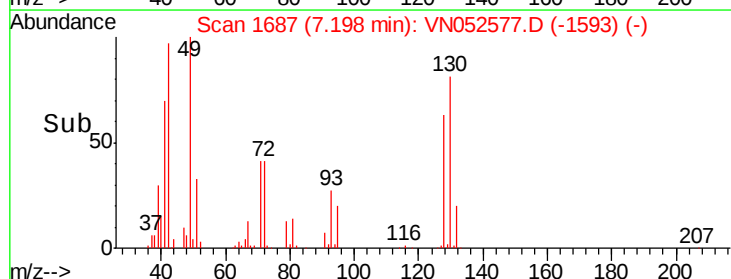
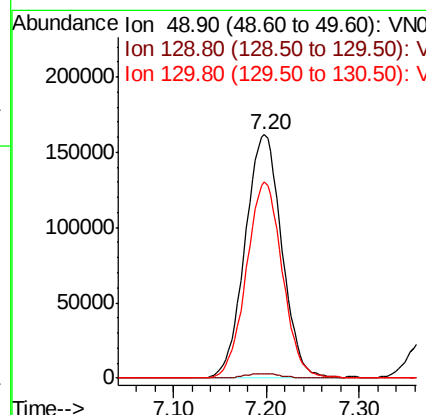
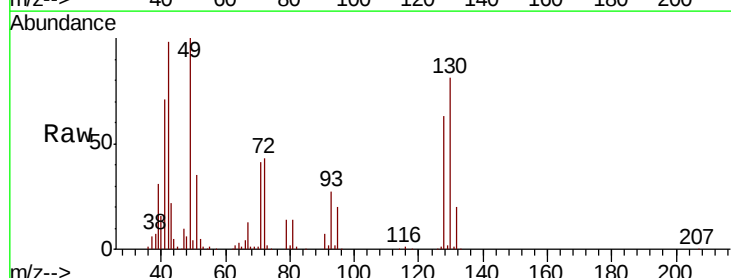
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 610699
 Ion Ratio Lower Upper
 96 100
 61 141.7 0.0 291.0
 98 64.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 46.670 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

Tgt Ion: 49 Resp: 444392
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 79.2 60.2 90.2

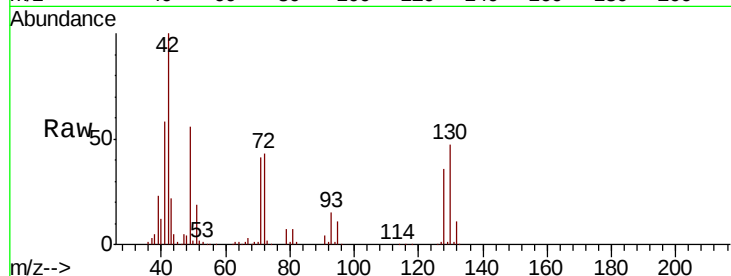




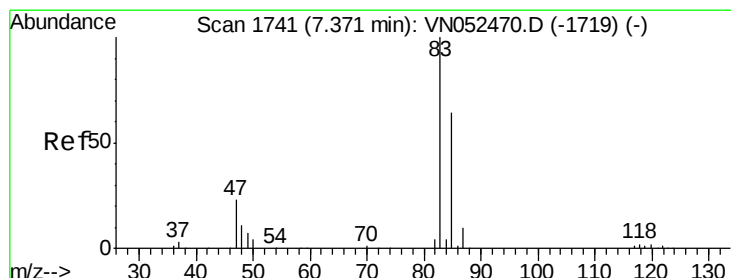
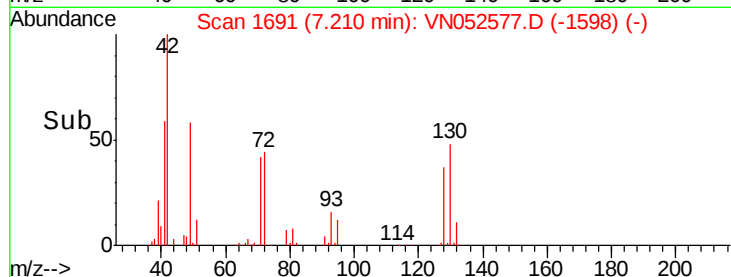
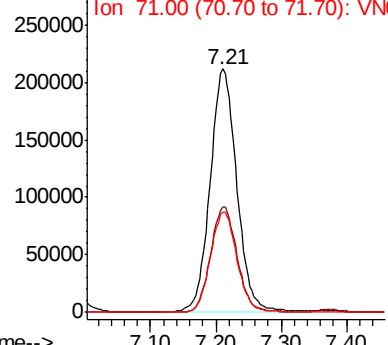
#29
Tetrahydrofuran
Concen: 211.760 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 598607
Ion Ratio Lower Upper
42 100
72 43.1 33.3 49.9
71 41.3 32.0 48.0

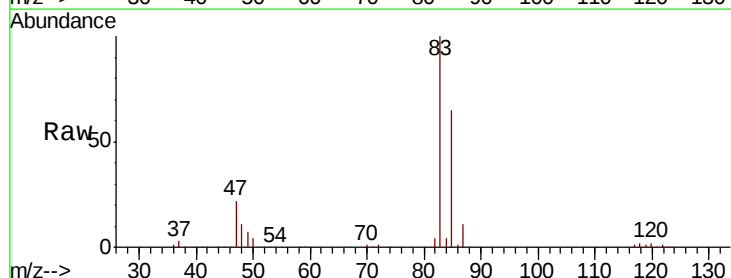


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

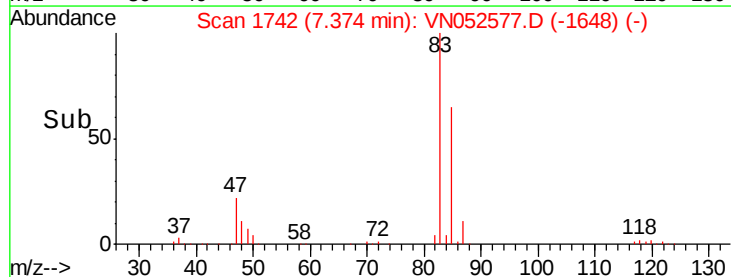
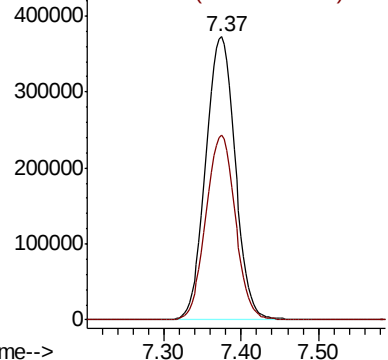


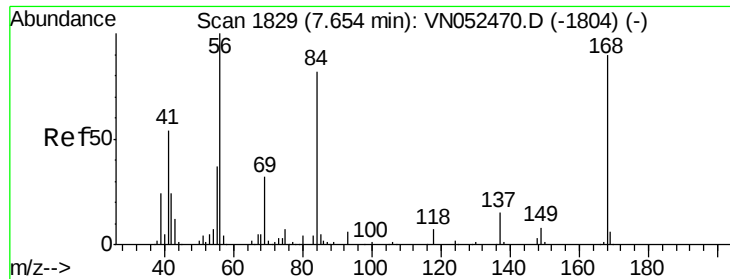
#30
Chloroform
Concen: 47.332 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Tgt Ion: 83 Resp: 984491
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.4



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





#31

Cyclohexane

Concen: 45.716 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

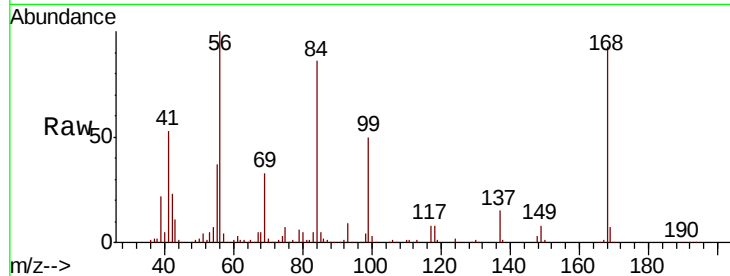
Tot Ion: 56 Resp: 923101

Ion Ratio Lower Upper

56 100

69 32.6 25.8 38.6

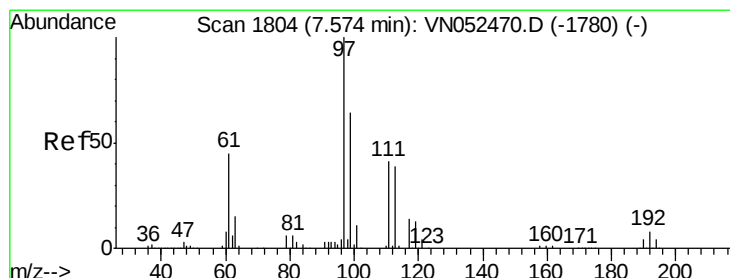
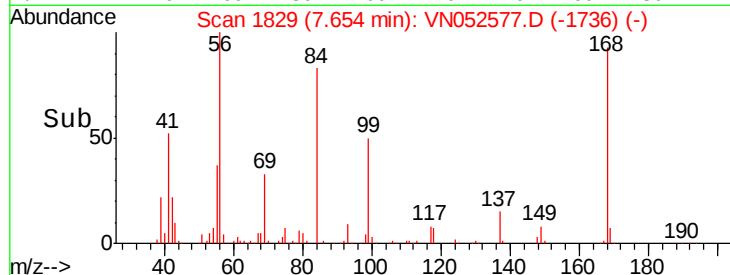
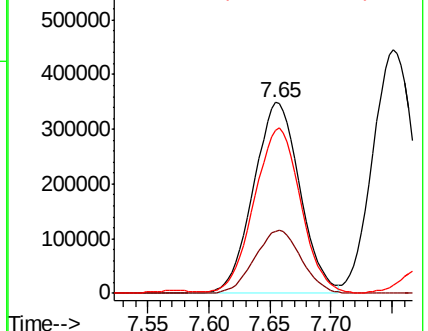
84 84.5 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN052470.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN052470.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN052470.D (-1804) (-)



#32

1,1,1-Trichloroethane

Concen: 49.397 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

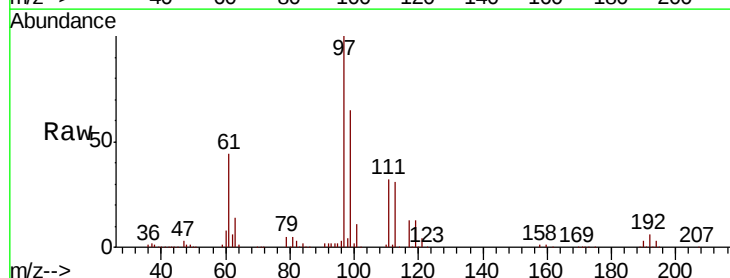
Tgt Ion: 97 Resp: 814049

Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

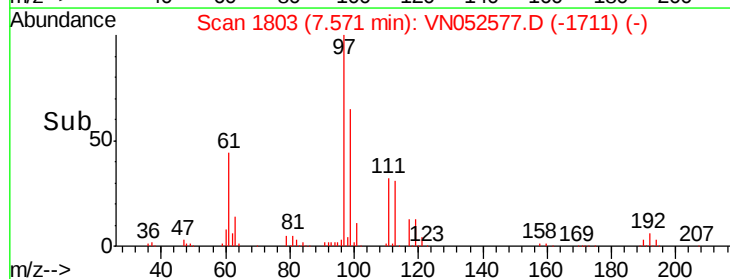
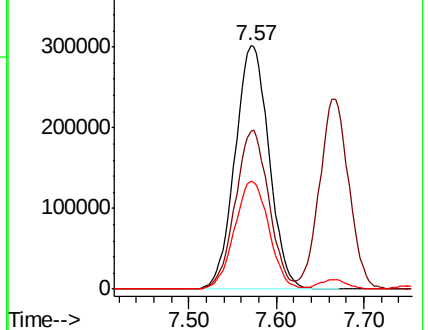
61 44.8 36.8 55.2



Abundance Ion 96.90 (96.60 to 97.60): VN052470.D (-1780) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-1780) (-)

Ion 60.90 (60.60 to 61.60): VN052470.D (-1780) (-)

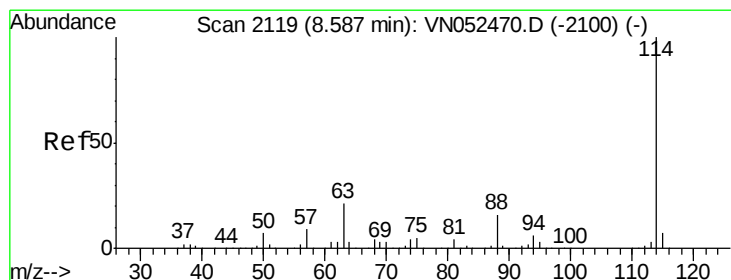
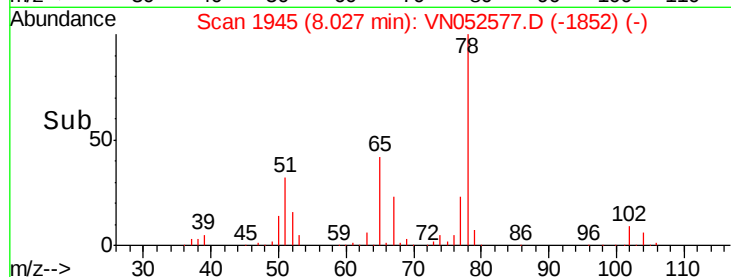
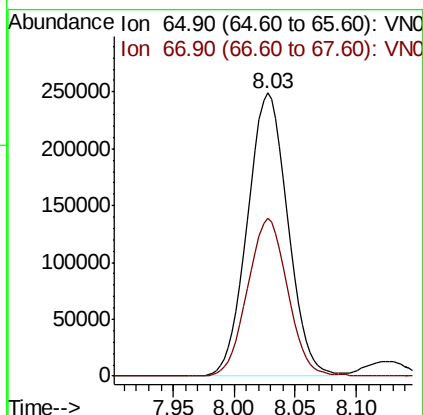
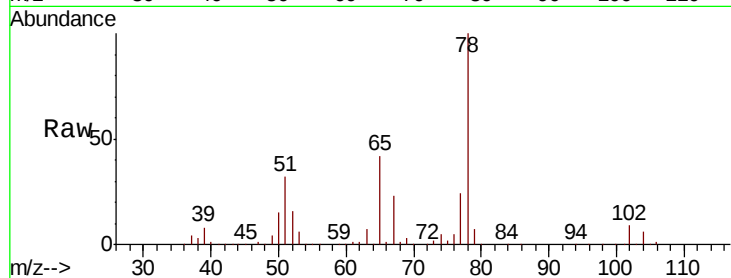




#33
 1,2-Dichloroethane-d4
 Concen: 49.397 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

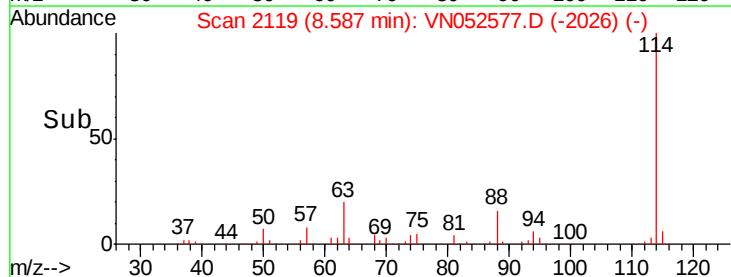
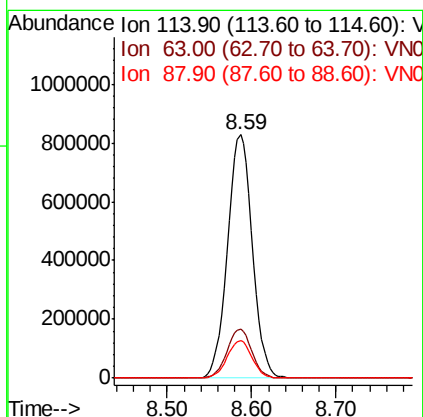
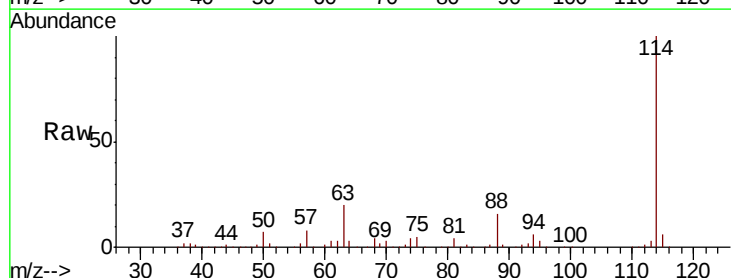
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

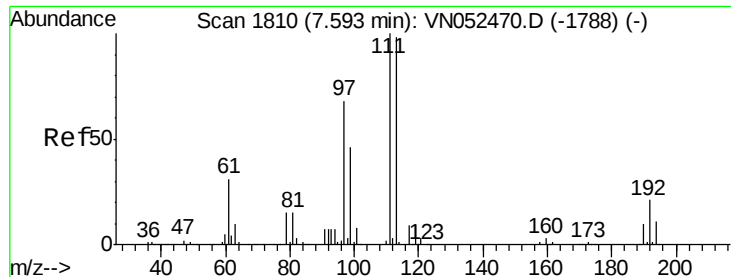
Tot Ion: 65 Resp: 570825
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

Tgt Ion: 114 Resp: 1692383
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.5 0.0 31.6

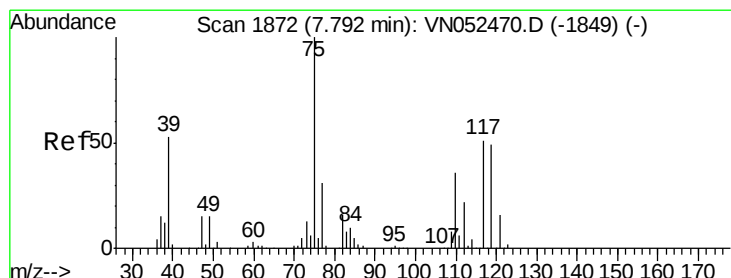
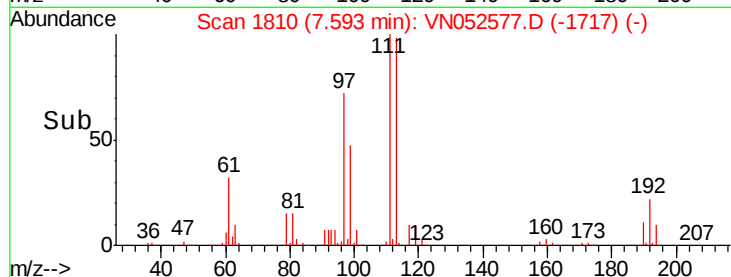
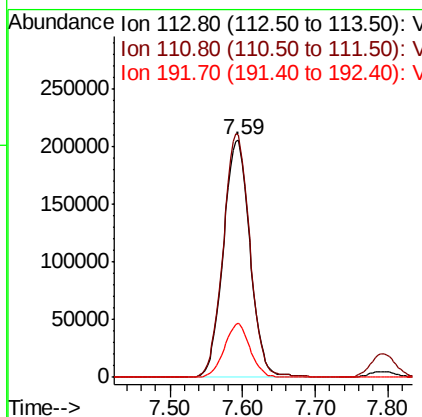
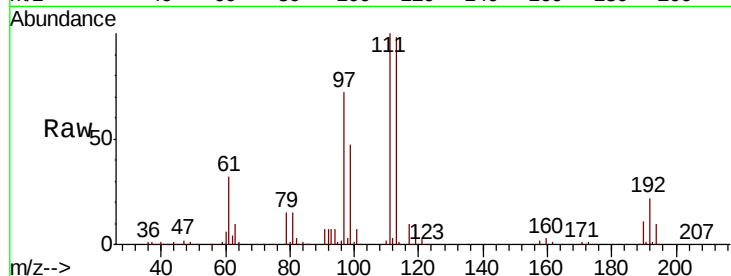




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

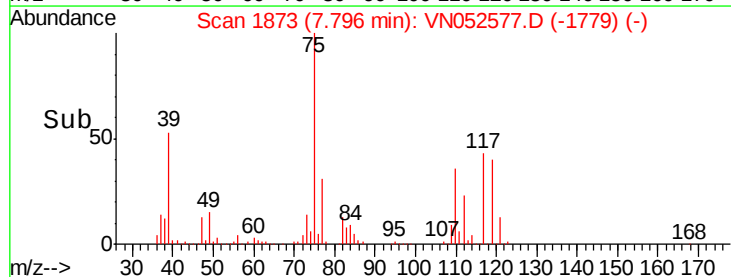
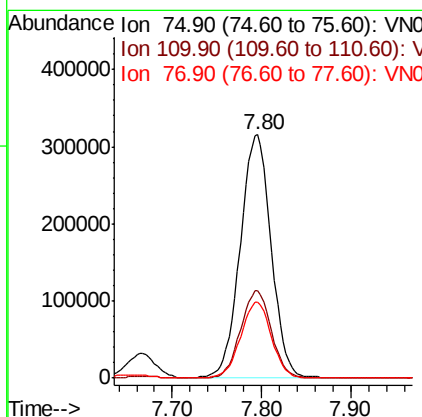
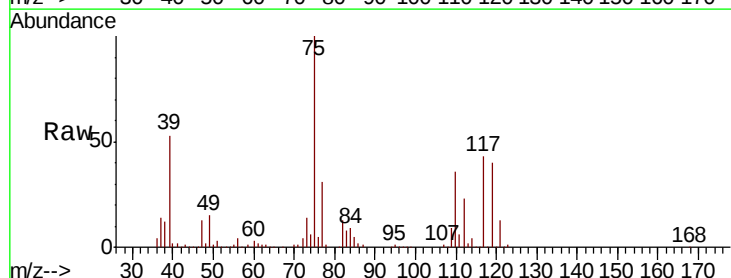
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

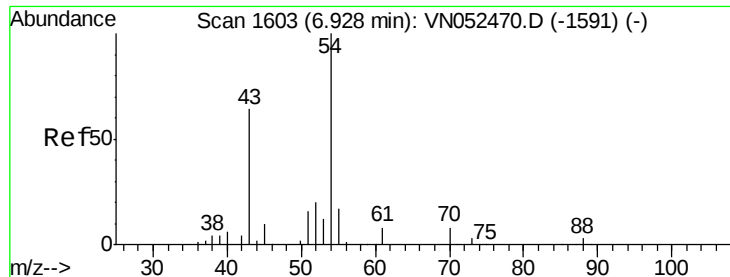
Tot Ion:113 Resp: 526061
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.0 123.0
 192 21.8 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 47.528 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

Tgt Ion: 75 Resp: 759580
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.5 52.6
 77 31.3 24.5 36.7

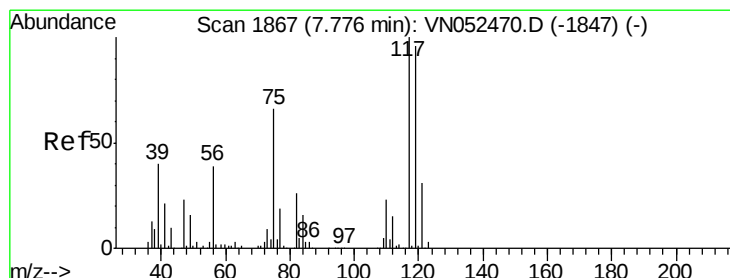
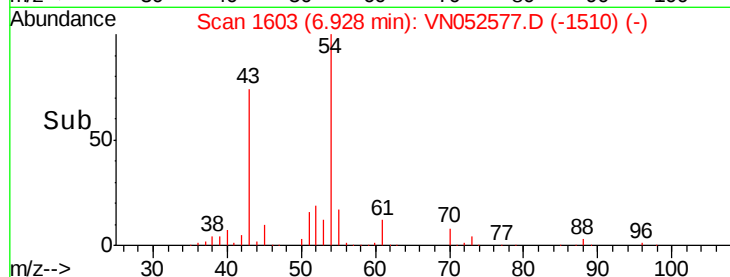
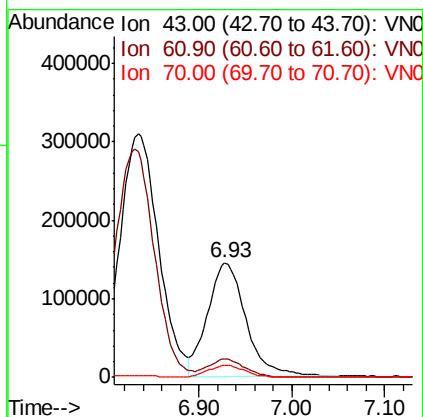
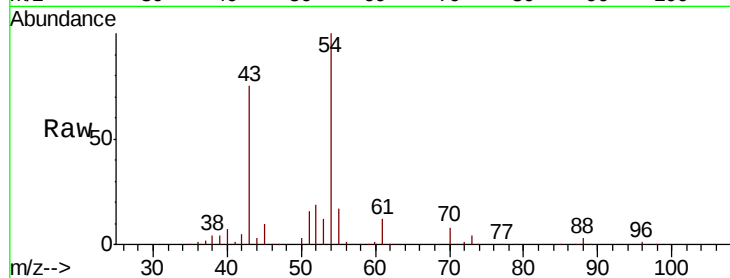




#37
Ethyl Acetate
Concen: 42.423 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

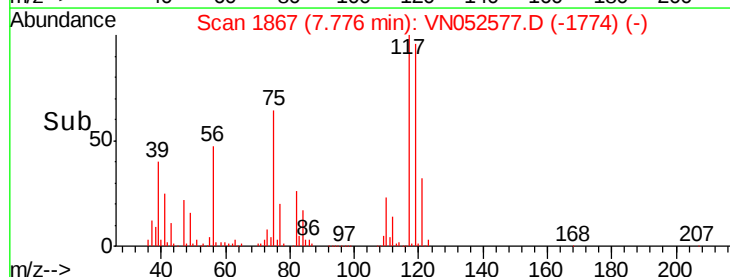
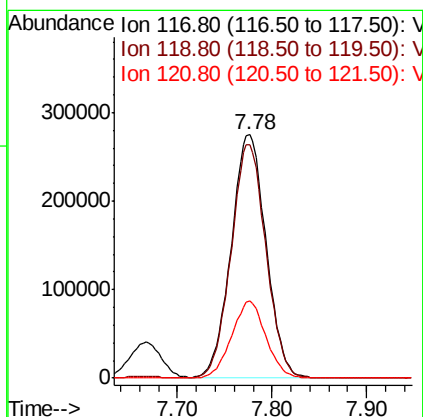
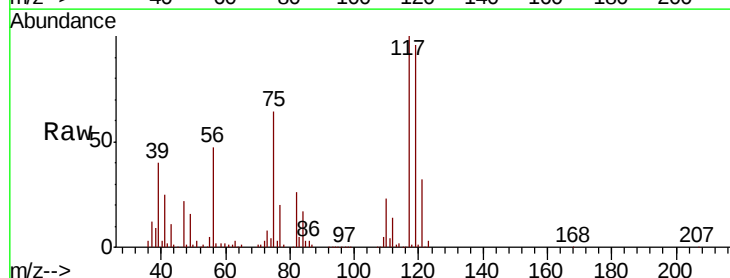
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

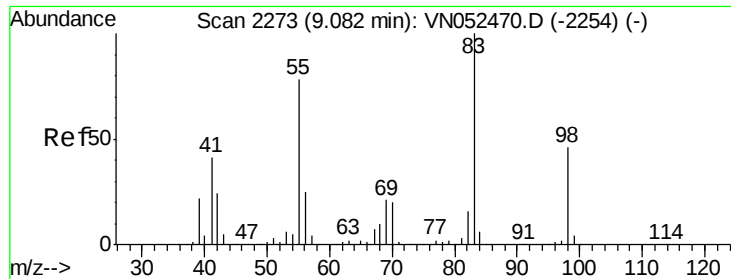
Tot Ion: 43 Resp: 413776
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.8
70 10.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 48.689 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Tgt Ion: 117 Resp: 704411
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2
121 31.8 24.9 37.3

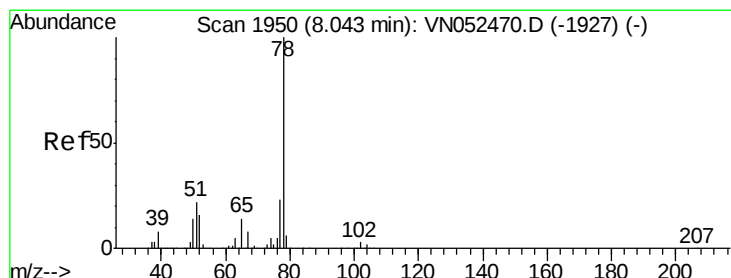
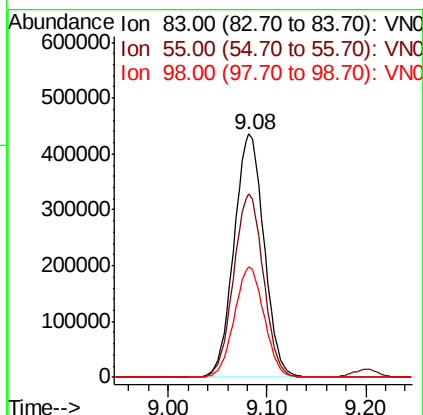
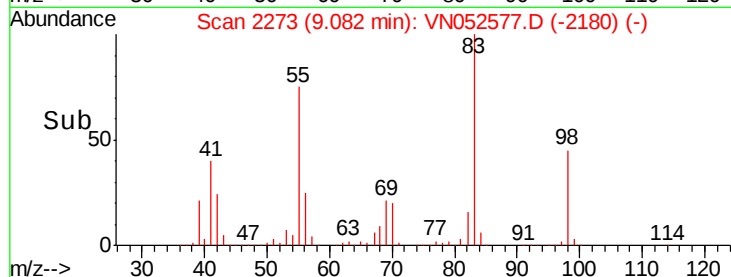
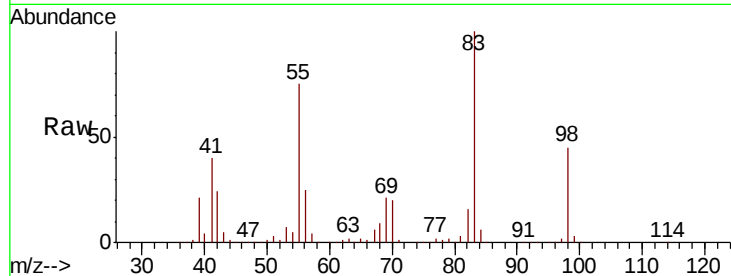




#39
Methvlcvclohexane
Concen: 47.155 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

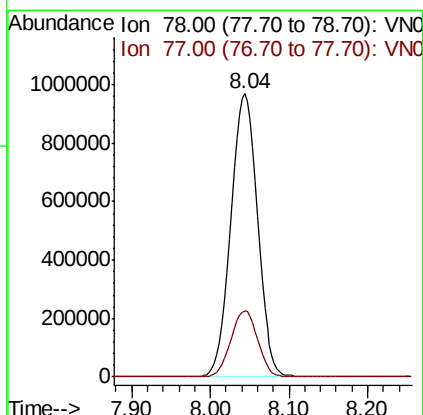
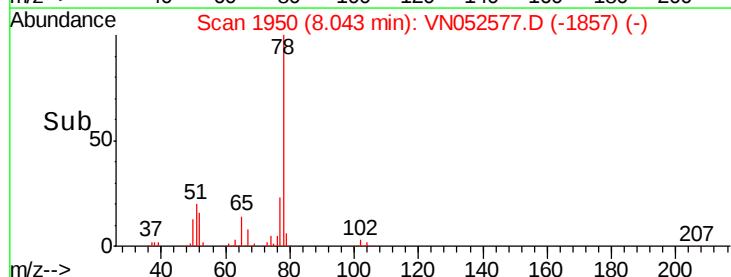
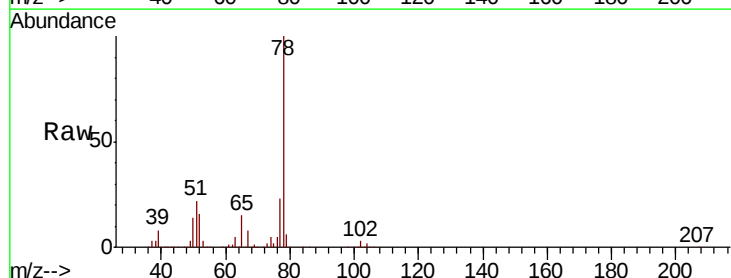
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

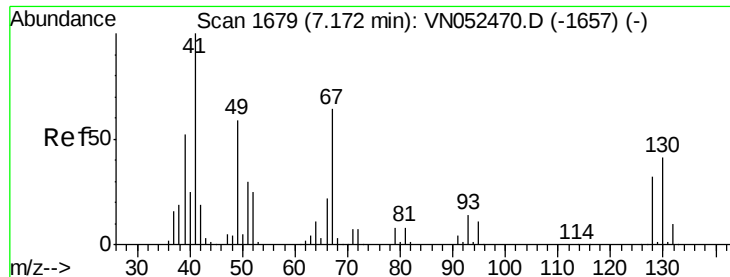
Tot Ion	83	Resp	915983
Ion Ratio	Lower	Upper	
83	100		
55	75.2	62.2	93.2
98	45.2	36.4	54.6



#40
Benzene
Concen: 47.887 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Tgt Ion	78	Resp	2280781
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.8	28.2

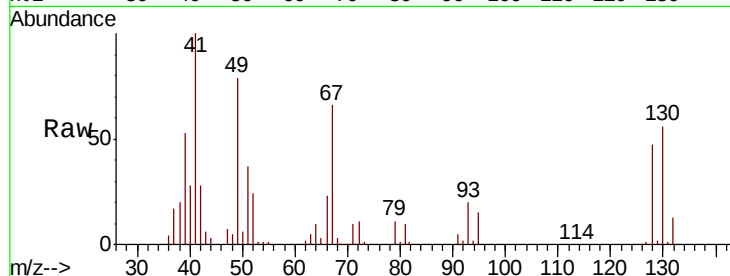




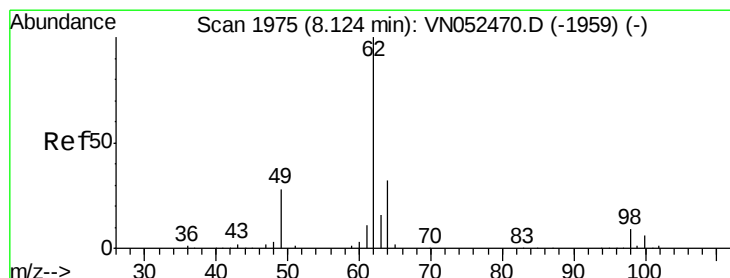
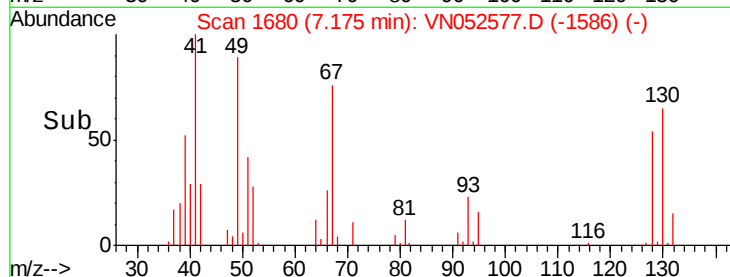
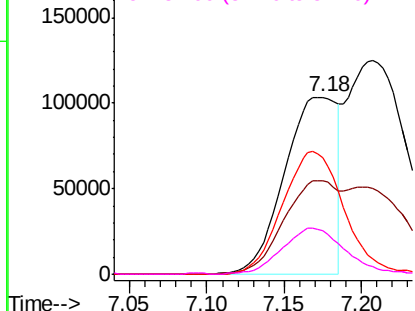
#41
Methacrylonitrile
Concen: 45.779 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 244109
Ion Ratio Lower Upper
41 100
39 56.2 50.9 76.3
67 81.8 63.6 95.4
52 30.4 24.4 36.6

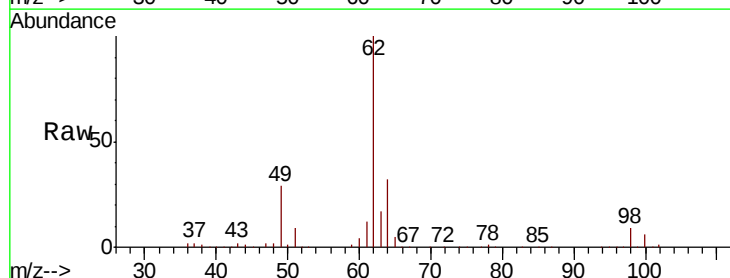


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

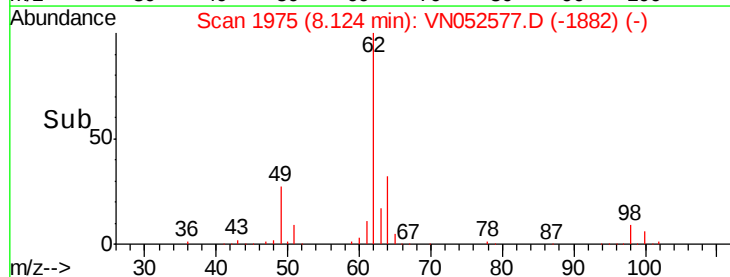
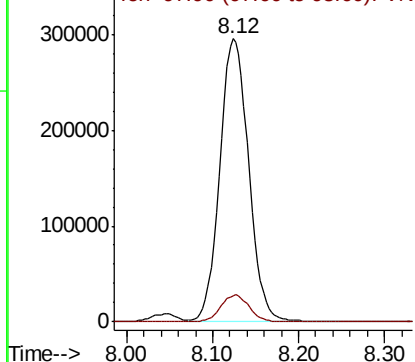


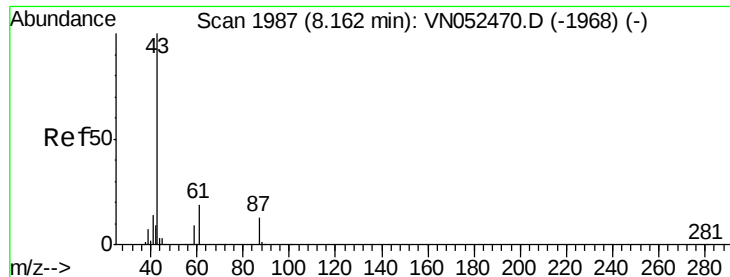
#42
1,2-Dichloroethane
Concen: 47.737 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Tgt Ion: 62 Resp: 688422
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.6



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



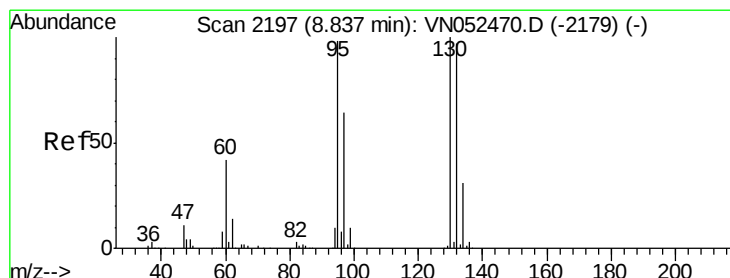
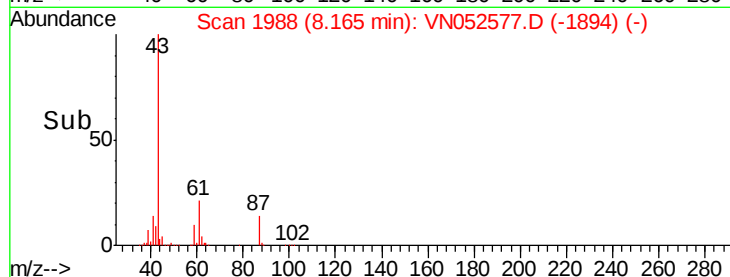
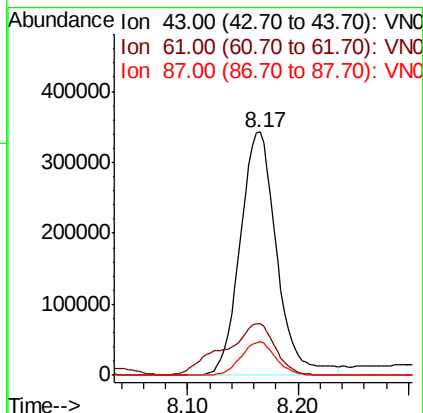
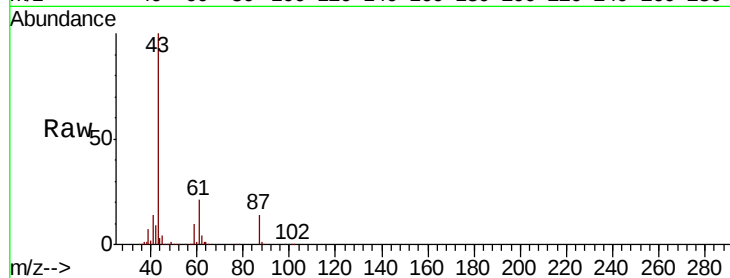


#43

Isopropyl Acetate
 Concen: 47.550 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

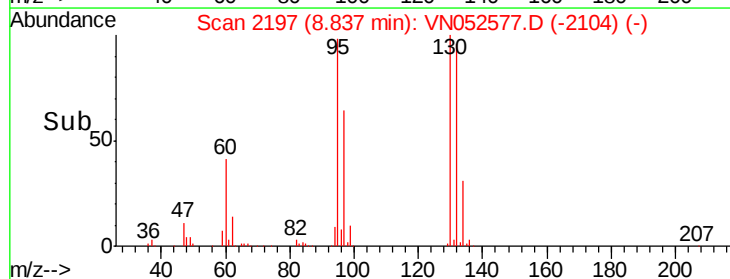
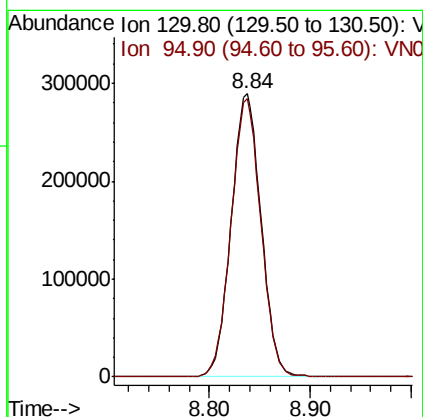
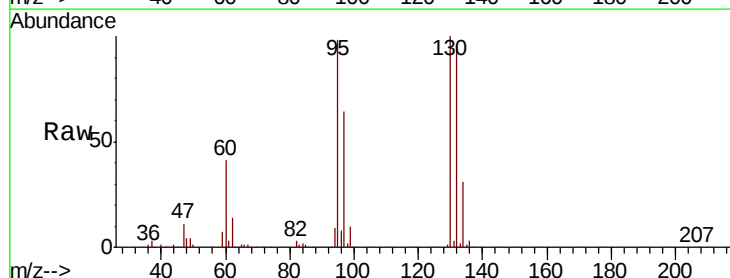
Tot Ion	43	Resp	784846
Ion Ratio	100		
Lower	24.1		
Upper	36.1		
61	29.4		
87	13.2		
102			

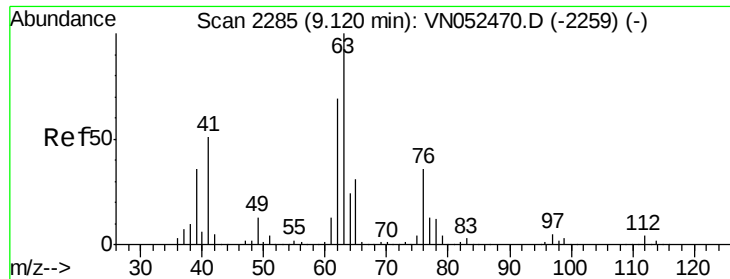


#44

Trichloroethene
 Concen: 48.824 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

Tgt Ion	130	Resp	595655
Ion Ratio	100		
Lower	0.0		
Upper	195.6		
95	98.3		

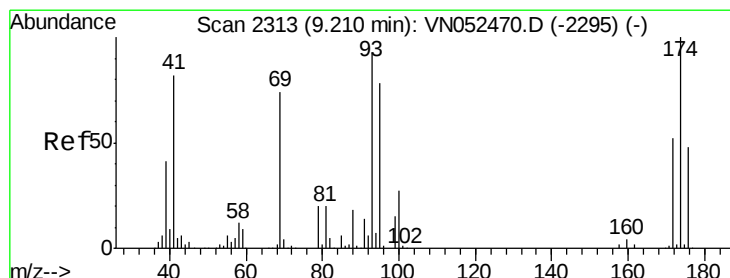
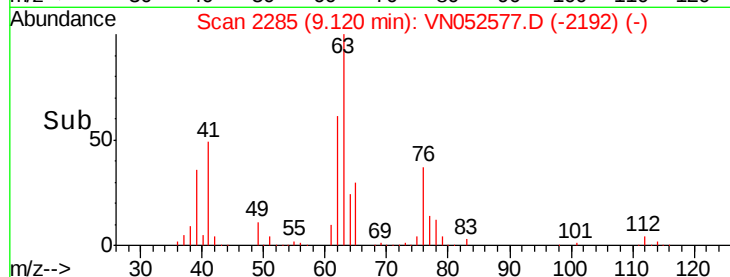
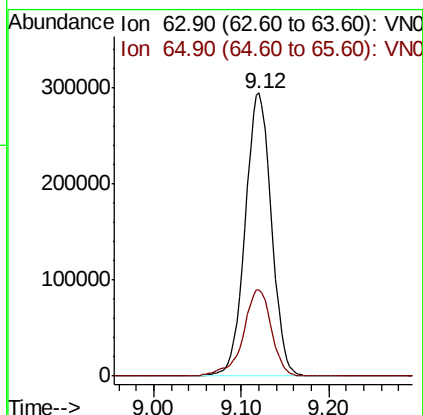
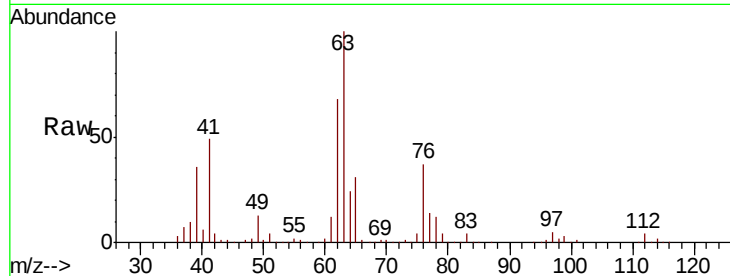




#45
 1,2-Dichloropropane
 Concen: 48.292 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

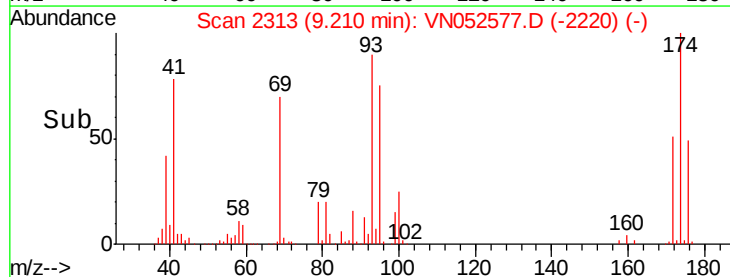
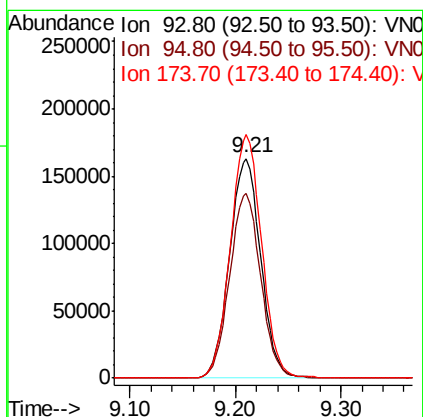
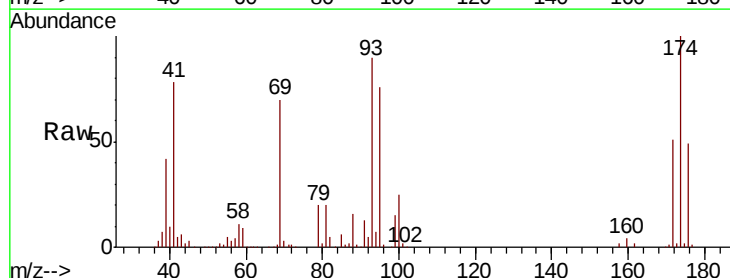
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

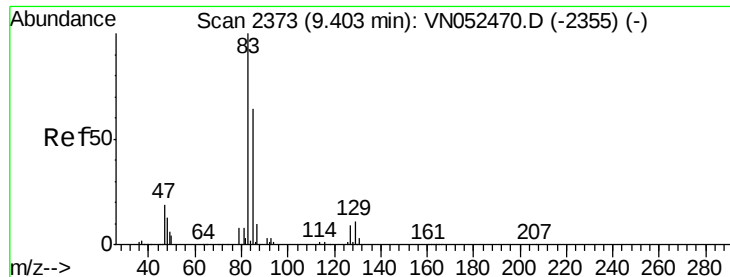
Tot Ion: 63 Resp: 611504
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6



#46
 Dibromomethane
 Concen: 47.711 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

Tgt Ion: 93 Resp: 334448
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.1 100.7
 174 110.7 85.8 128.8





#47

Bromodichloromethane

Concen: 48.370 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

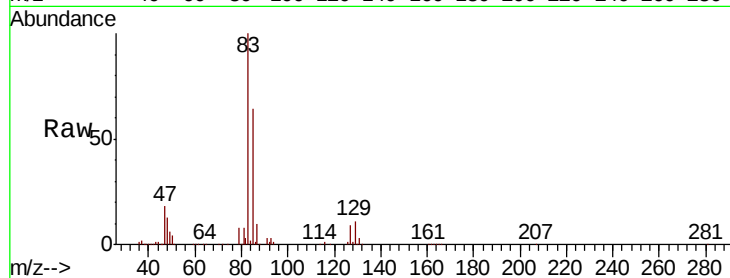
Tot Ion: 83 Resp: 737180

Ion Ratio Lower Upper

83 100

85 63.9 51.3 76.9

127 8.6 6.9 10.3

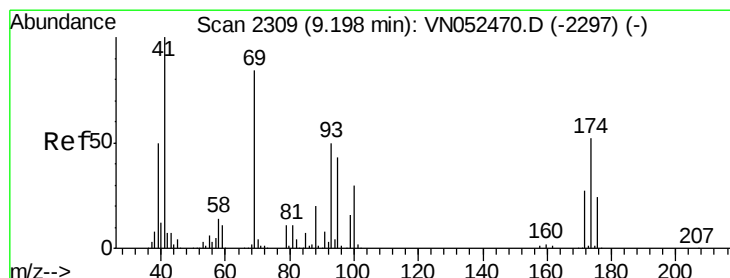
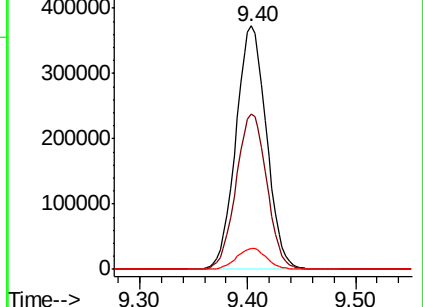
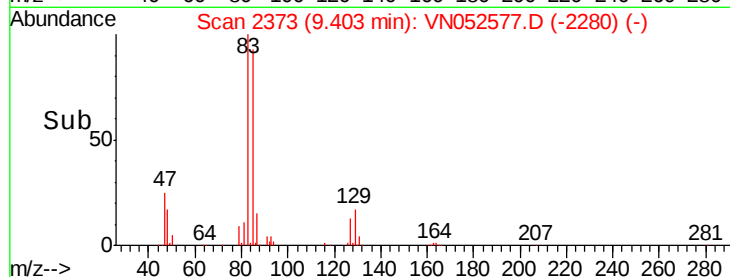


Abundance Ion 82.90 (82.60 to 83.60): VN052577.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052577.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052577.D (-2280) (-)

Time-->



#48

Methyl methacrylate

Concen: 45.431 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

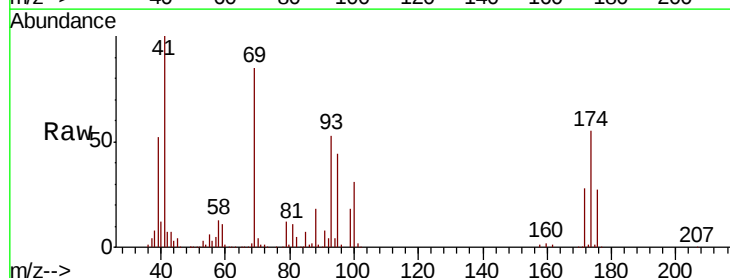
Tgt Ion: 41 Resp: 391007

Ion Ratio Lower Upper

41 100

69 88.7 70.0 105.0

39 53.7 42.6 64.0

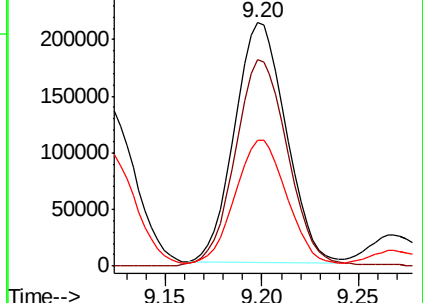
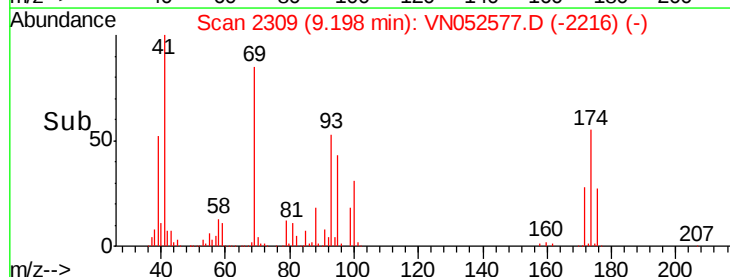


Abundance Ion 41.00 (40.70 to 41.70): VN052577.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN052577.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN052577.D (-2216) (-)

Time-->





#49

1,4-Dioxane

Concen: 938.269 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

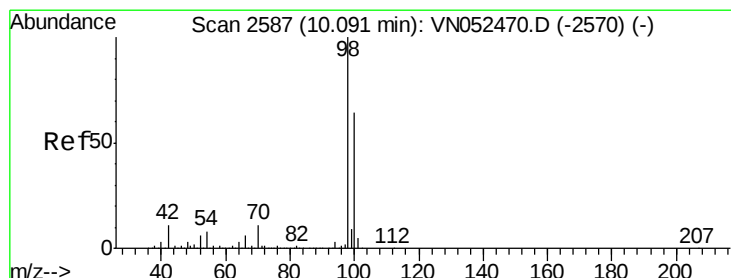
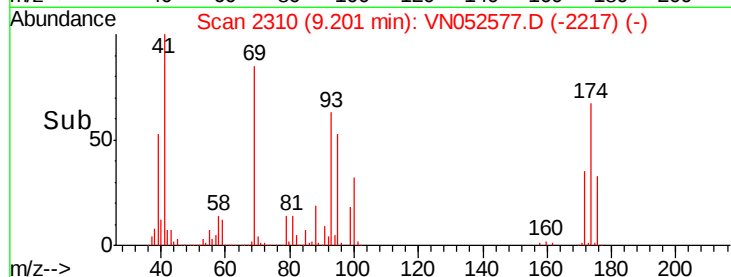
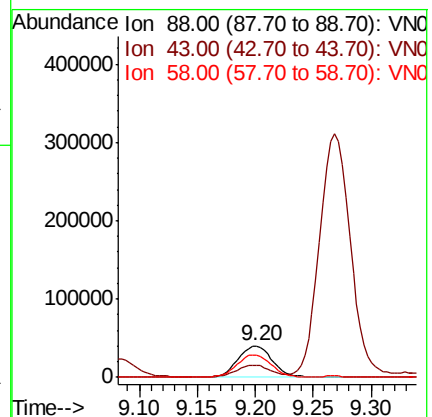
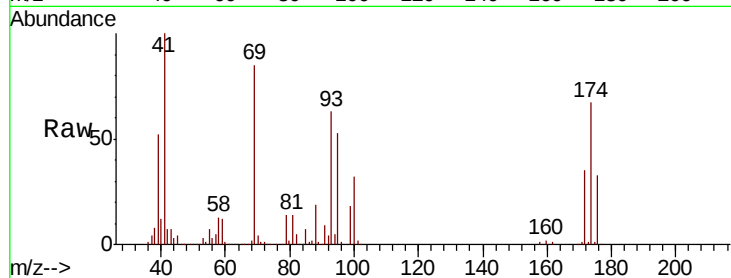
Tot Ion: 88 Resp: 83808

Ion Ratio Lower Upper

88 100

43 34.4 26.4 39.6

58 71.3 55.4 83.0



#50

Toluene-d8

Concen: 938.269 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052577.D

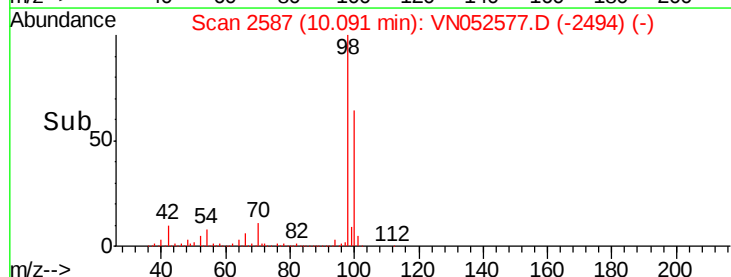
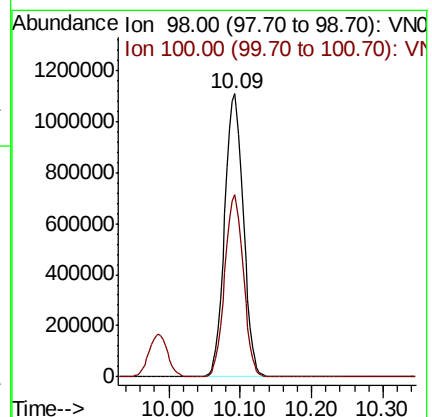
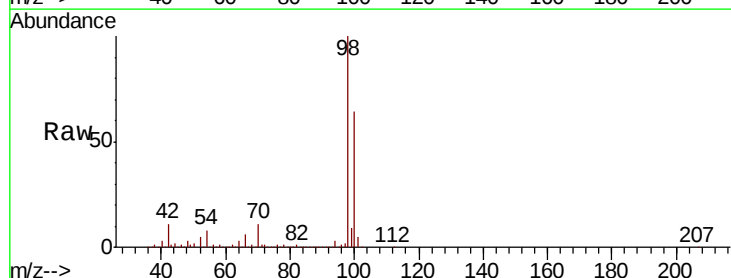
Acq: 29 Nov 2018 20:38

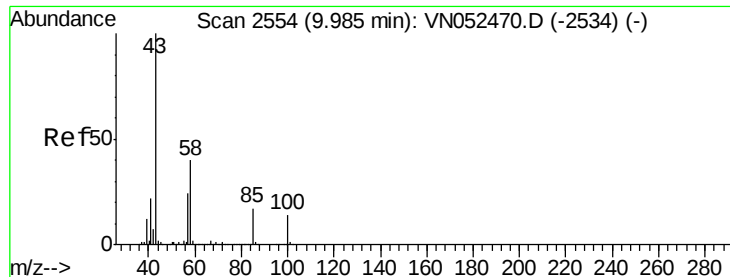
Tgt Ion: 98 Resp: 2009258

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 221.872 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

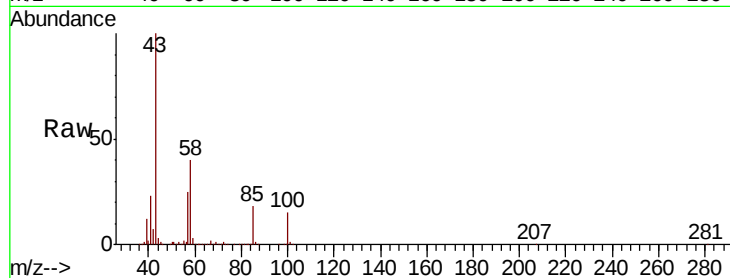
VSTDCCC050EC

Tot Ion: 43 Resp: 2054743

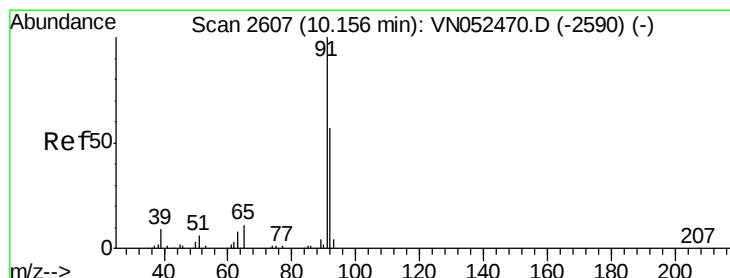
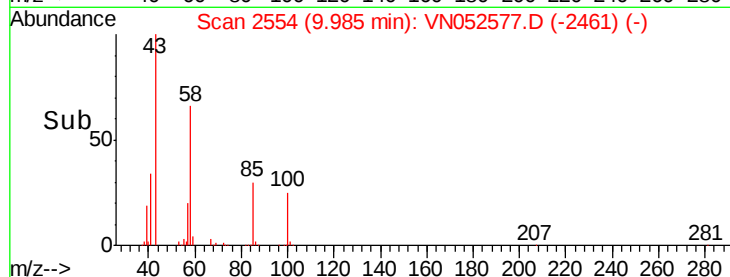
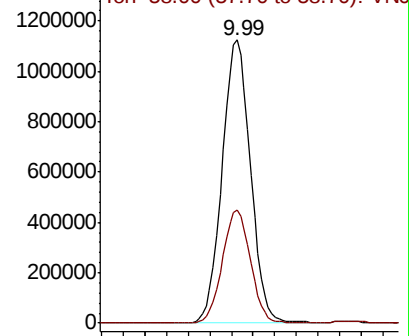
Ion Ratio Lower Upper

43 100

58 39.8 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-2534) (-)



#52

Toluene

Concen: 48.921 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052577.D

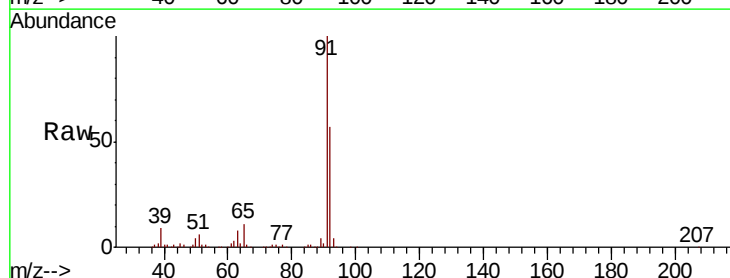
Acq: 29 Nov 2018 20:38

Tgt Ion: 92 Resp: 1384380

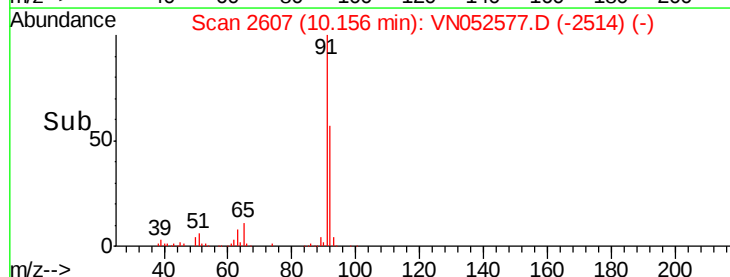
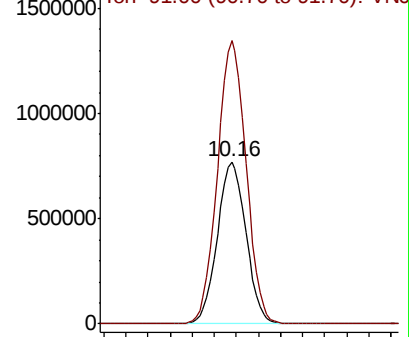
Ion Ratio Lower Upper

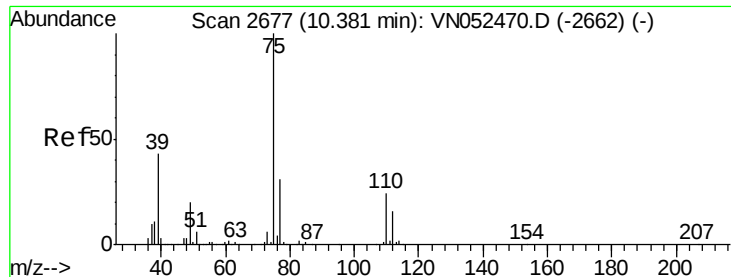
92 100

91 175.5 141.0 211.4



Abundance Ion 92.00 (91.70 to 92.70): VN052470.D (-2590) (-)





#53

t-1,3-Dichloropropene

Concen: 49.162 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

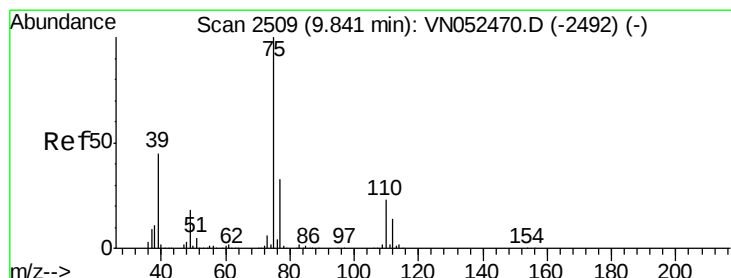
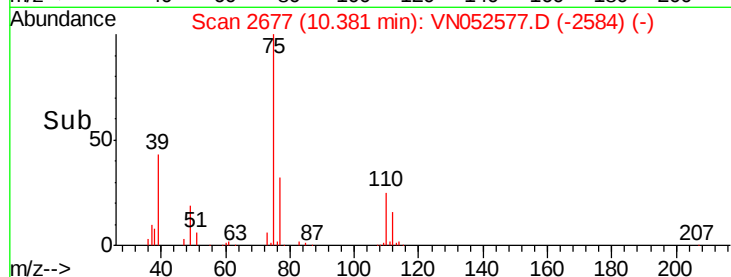
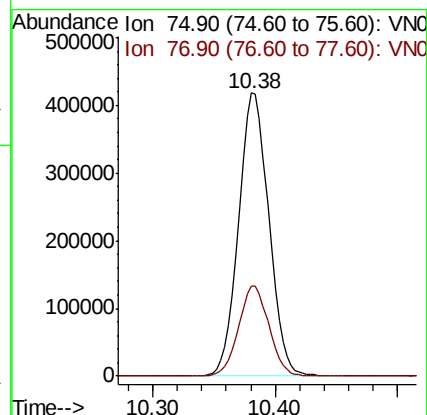
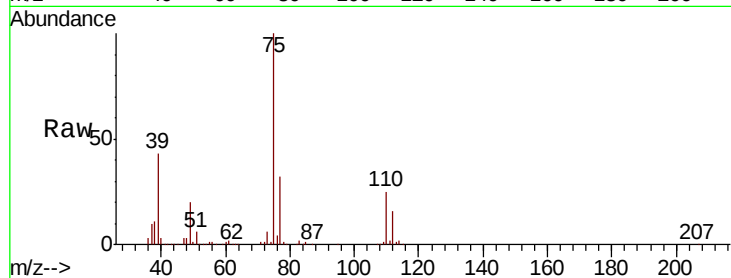
VSTDCCC050EC

Tot Ion: 75 Resp: 720805

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 49.278 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

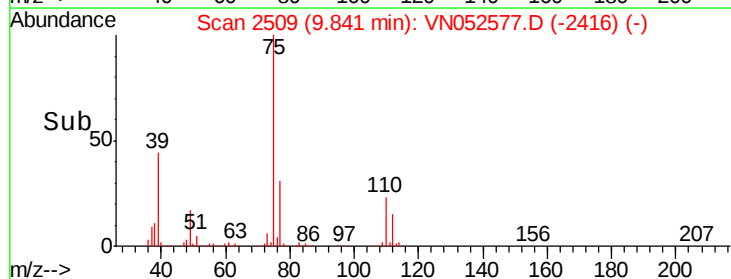
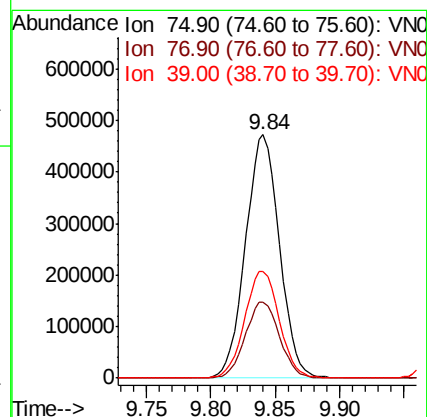
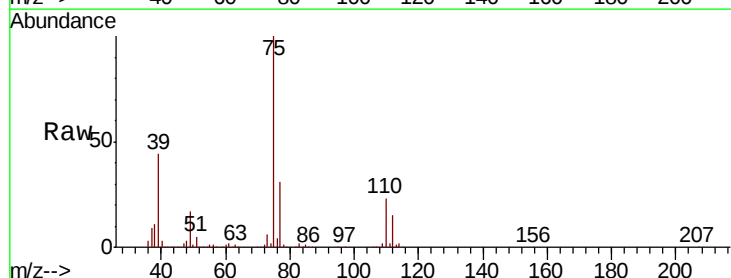
Tgt Ion: 75 Resp: 865820

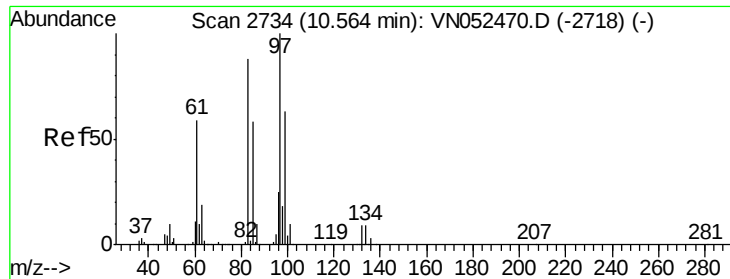
Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

39 44.0 36.0 54.0

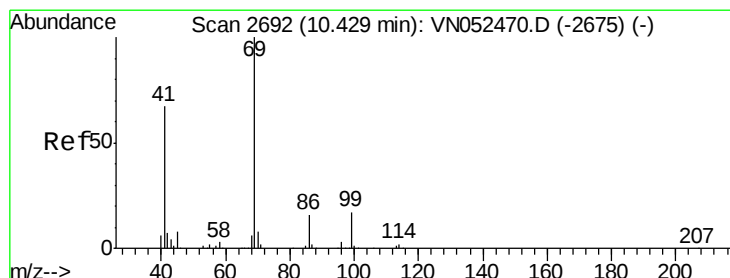
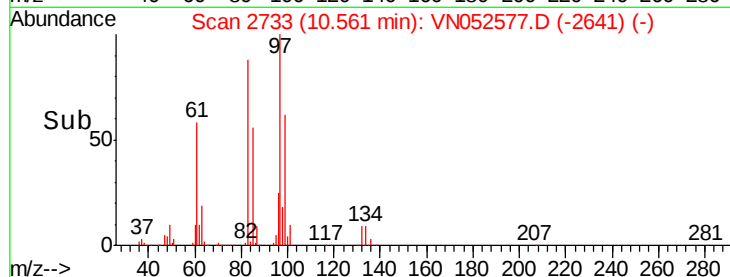
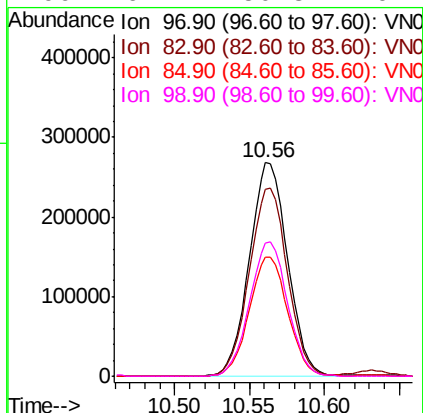
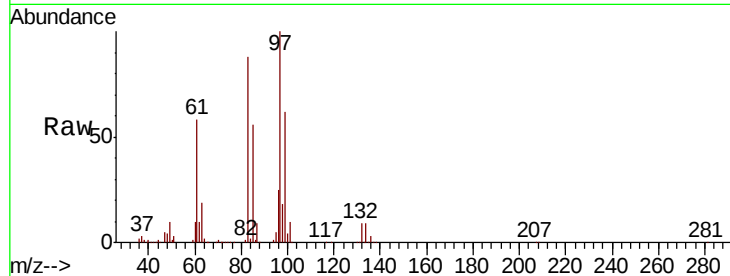




#55
 1,1,2-Trichloroethane
 Concen: 47.869 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

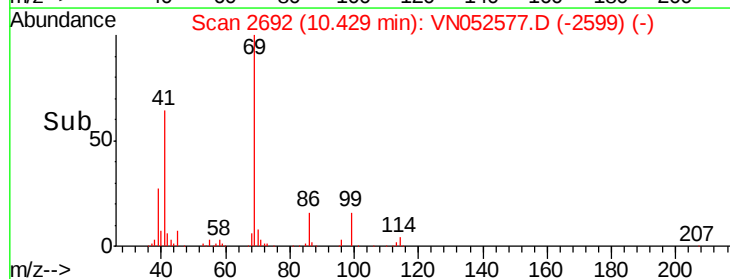
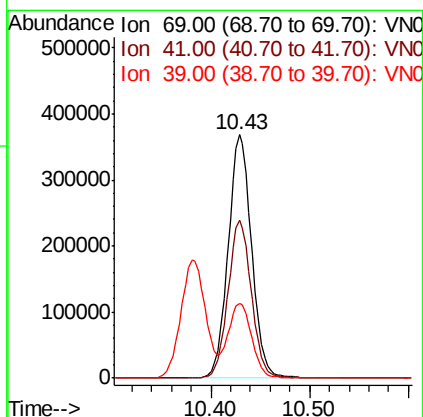
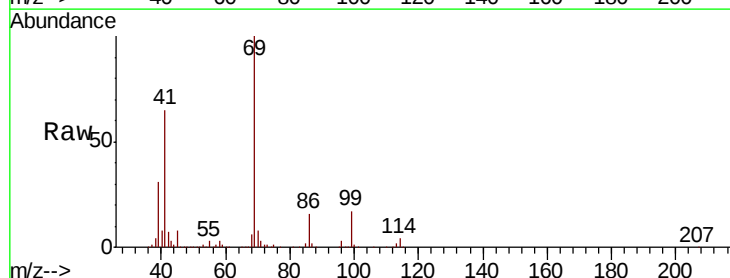
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

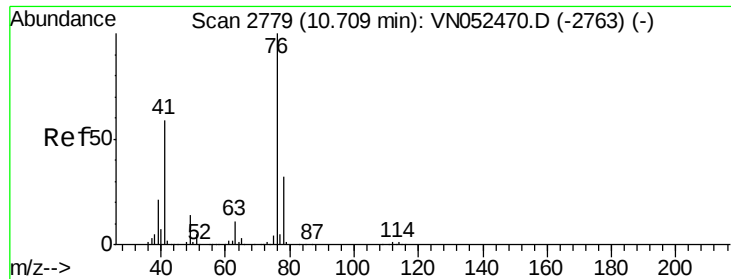
Tot Ion: 97 Resp: 476488
 Ion Ratio Lower Upper
 97 100
 83 87.7 70.7 106.1
 85 56.0 46.1 69.1
 99 62.1 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 44.540 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

Tgt Ion: 69 Resp: 611348
 Ion Ratio Lower Upper
 69 100
 41 63.8 52.6 79.0
 39 31.5 25.9 38.9

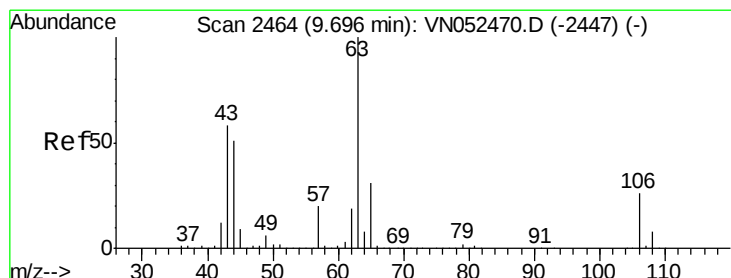
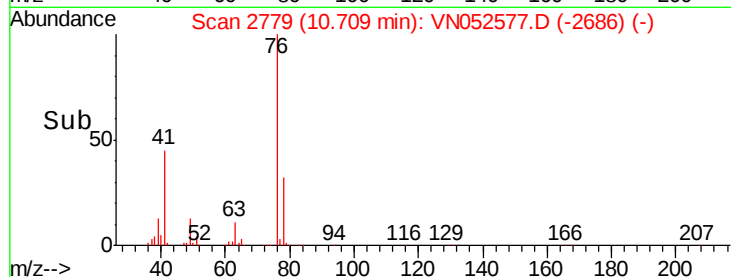
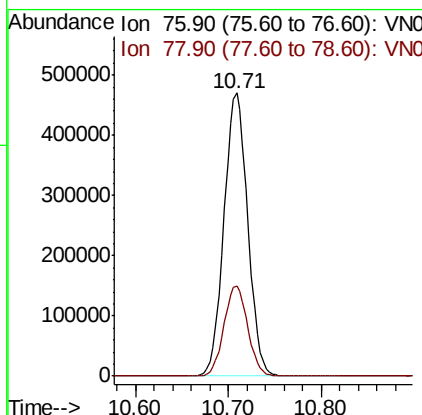
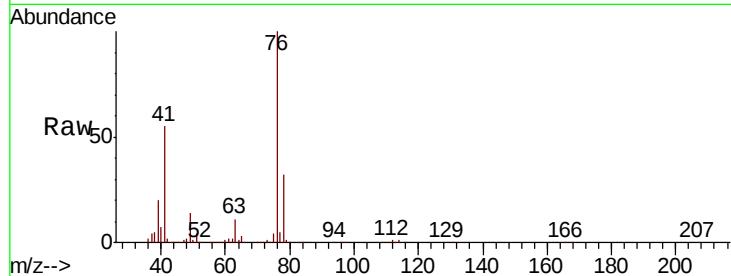




#57
 1,3-Dichloropropane
 Concen: 47.348 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

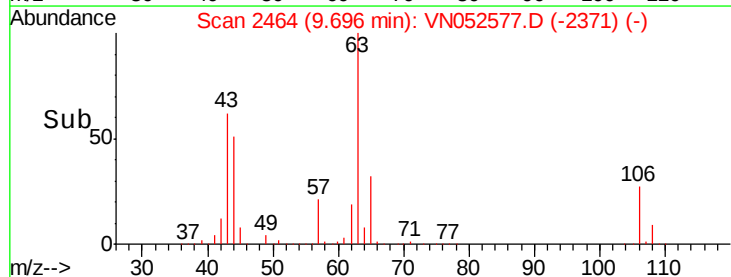
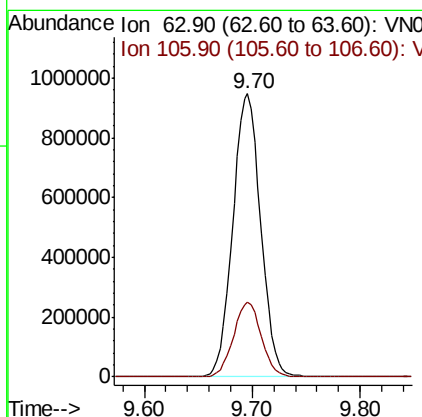
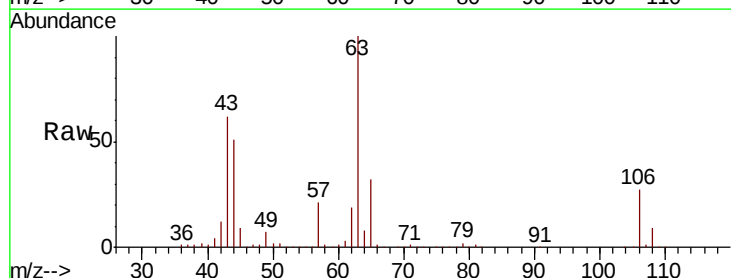
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

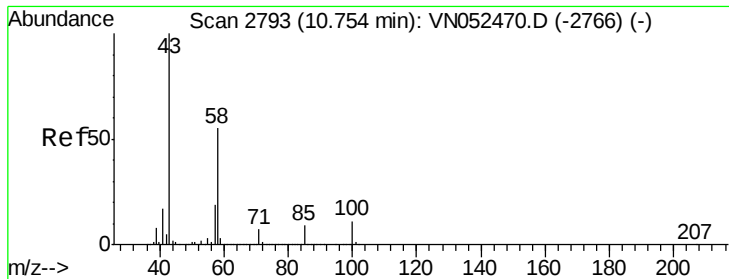
Tot Ion: 76 Resp: 832181
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.831 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

Tgt Ion: 63 Resp: 1703371
 Ion Ratio Lower Upper
 63 100
 106 26.4 20.6 30.8

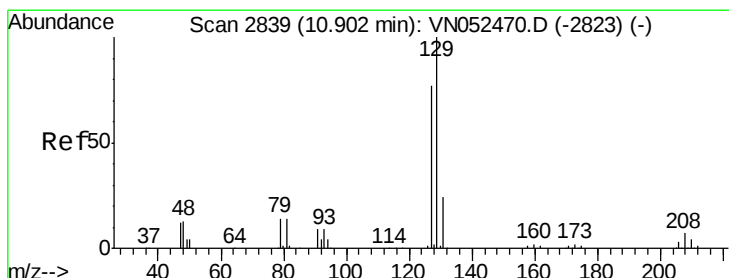
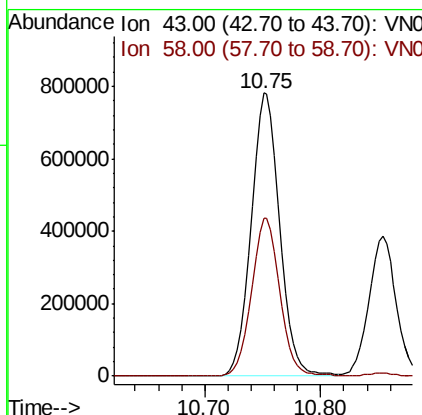
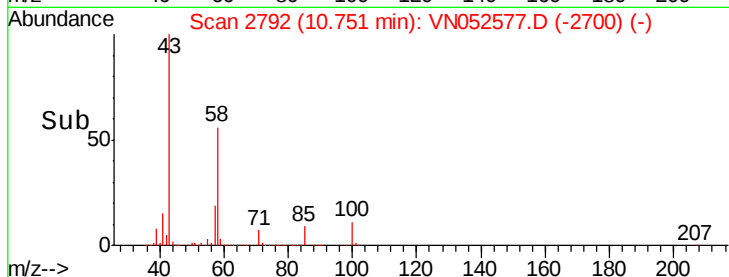
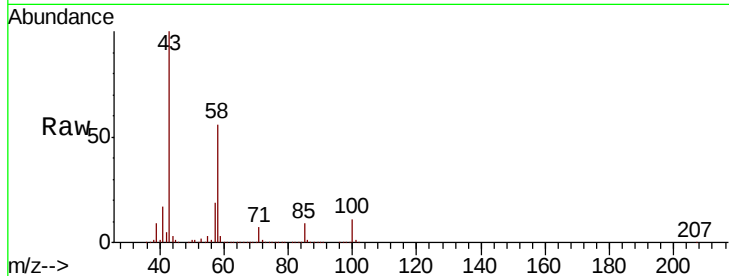




#59
2-Hexanone
Concen: 215.692 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

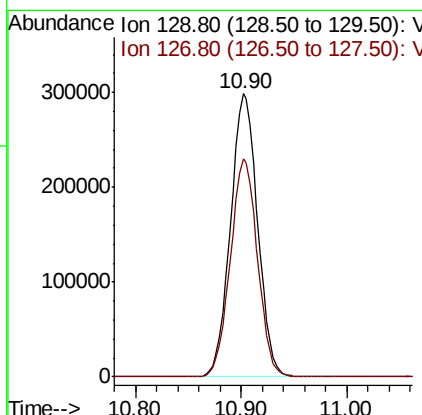
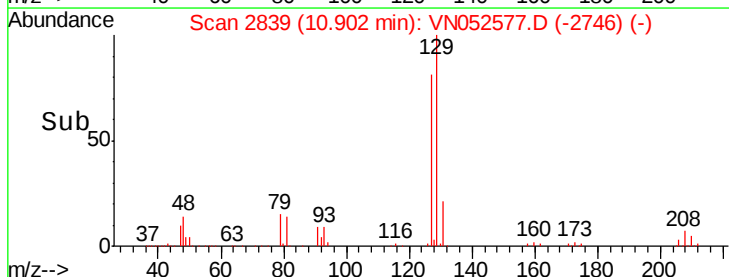
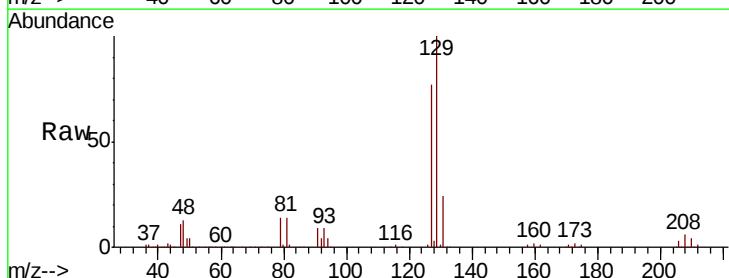
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

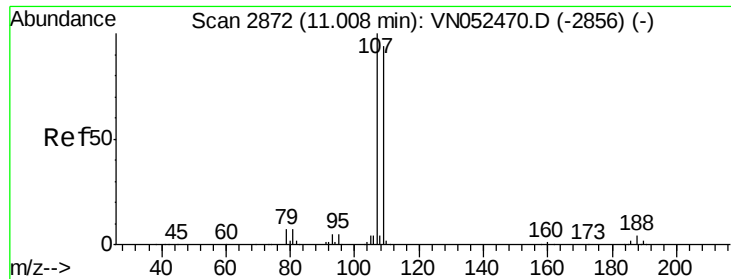
Tot Ion: 43 Resp: 1340634
Ion Ratio Lower Upper
43 100
58 55.6 27.4 82.0



#60
Dibromochloromethane
Concen: 48.973 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Tgt Ion:129 Resp: 529445
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6

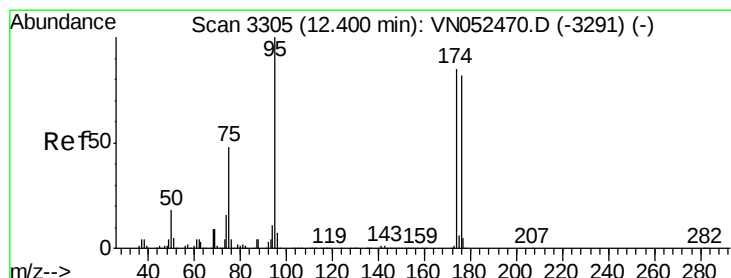
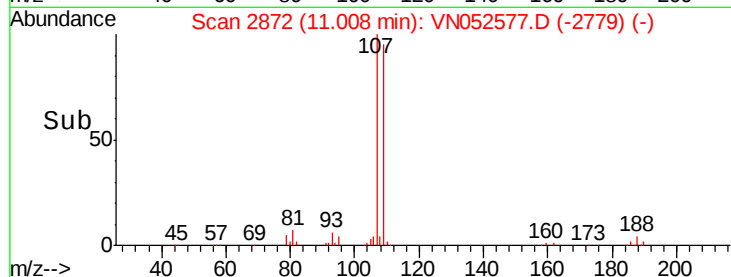
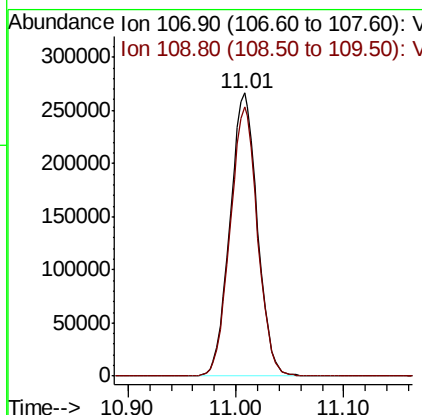
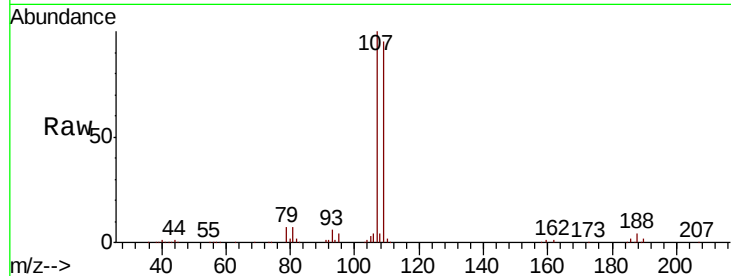




#61
 1,2-Dibromoethane
 Concen: 47.851 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

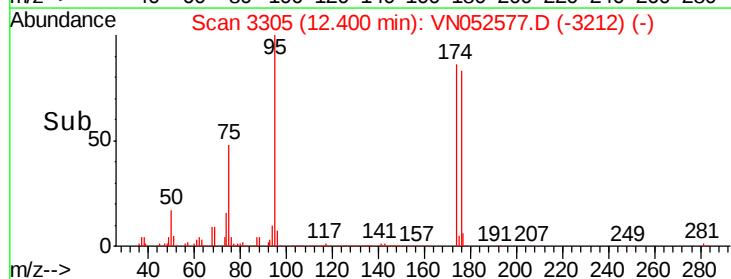
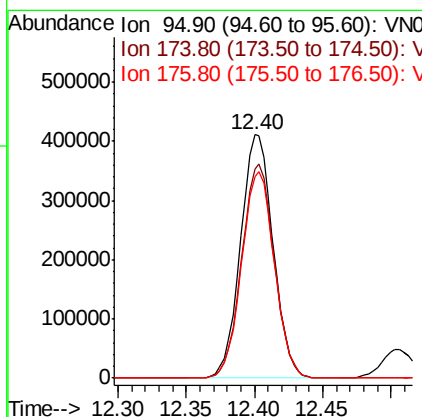
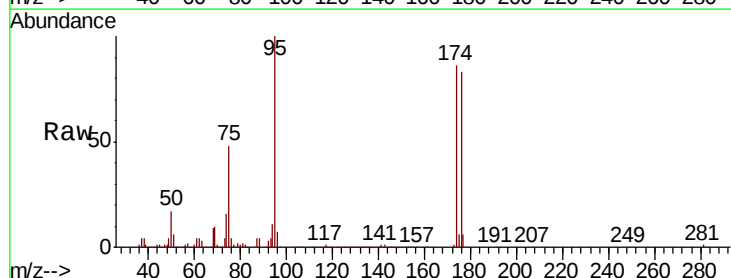
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

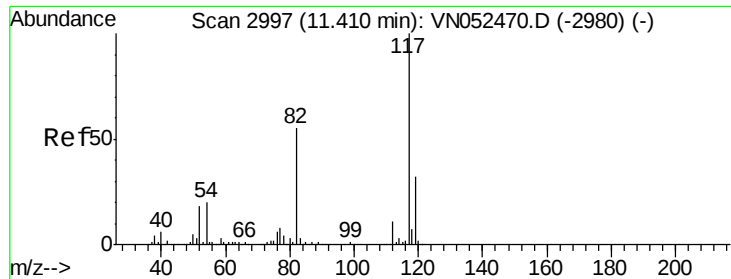
Tot Ion:107 Resp: 473073
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.851 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

Tgt Ion: 95 Resp: 679940
 Ion Ratio Lower Upper
 95 100
 174 87.8 0.0 173.0
 176 85.5 0.0 166.2

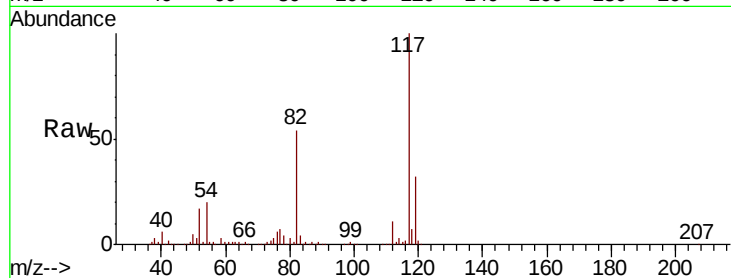




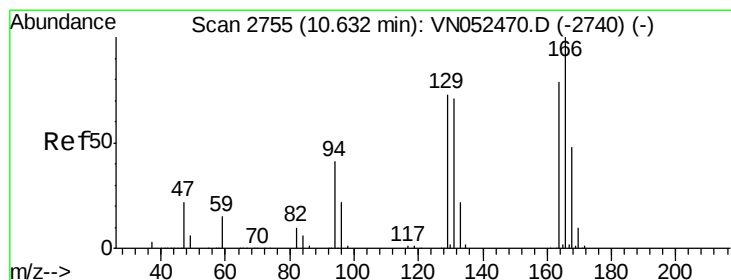
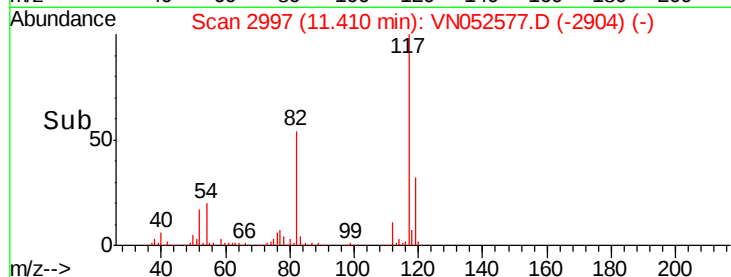
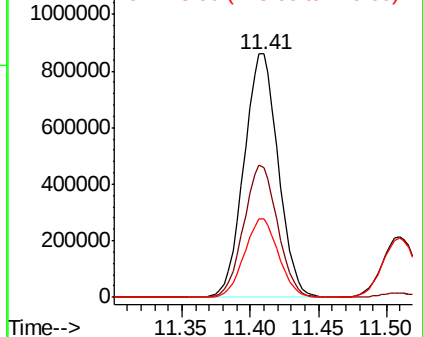
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 1498398
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 32.1 25.4 38.2

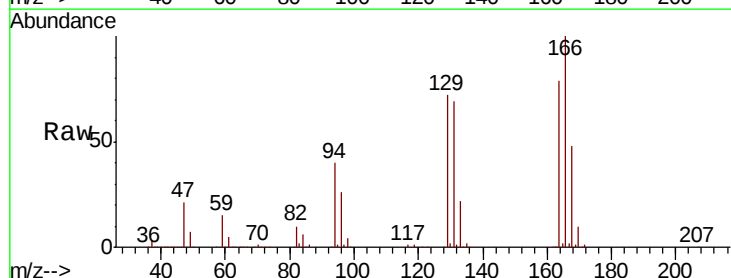


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

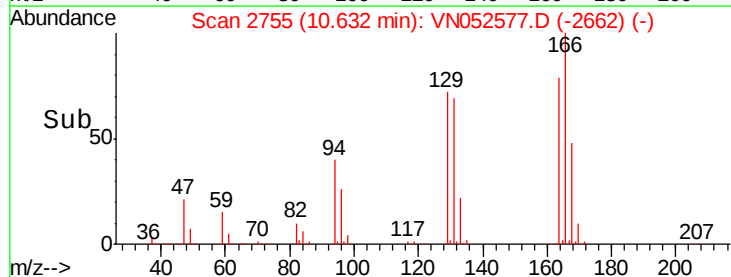
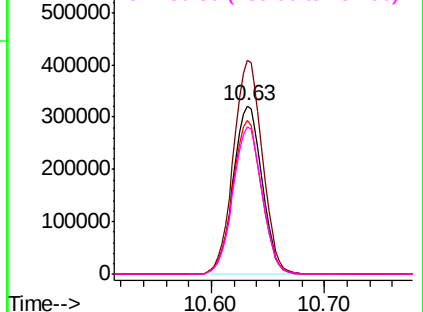


#64
Tetrachloroethene
Concen: 49.078 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Tgt Ion:164 Resp: 570170
Ion Ratio Lower Upper
164 100
166 127.4 101.0 151.4
129 91.4 73.8 110.6
131 87.9 71.2 106.8



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

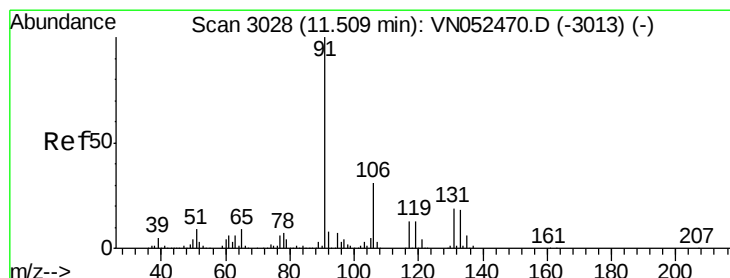
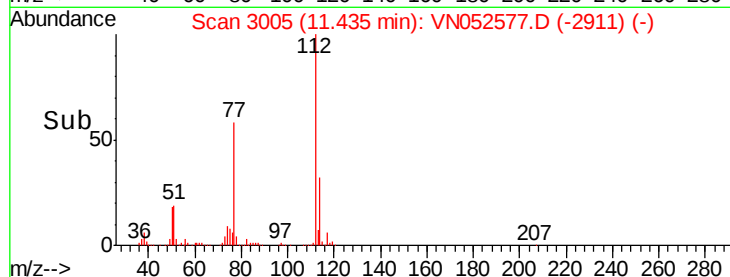
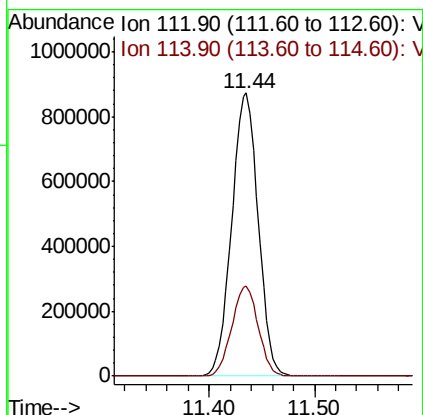
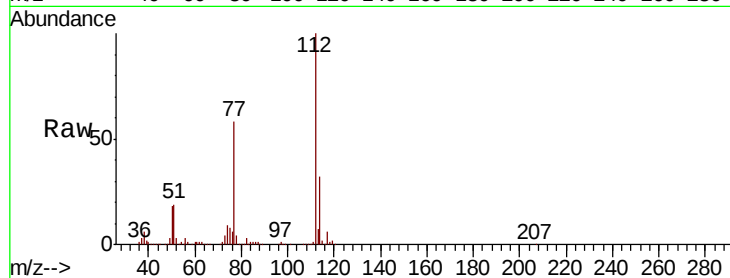




#65
Chlorobenzene
Concen: 49.025 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

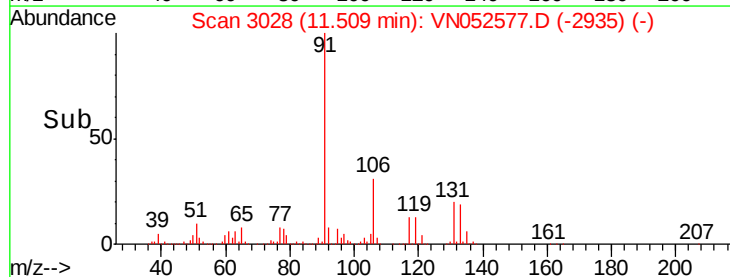
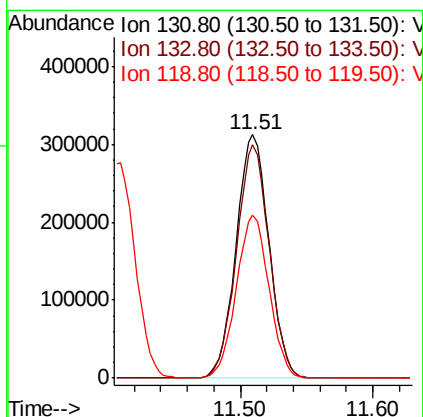
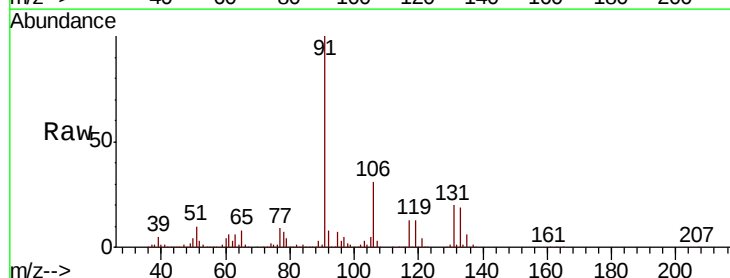
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

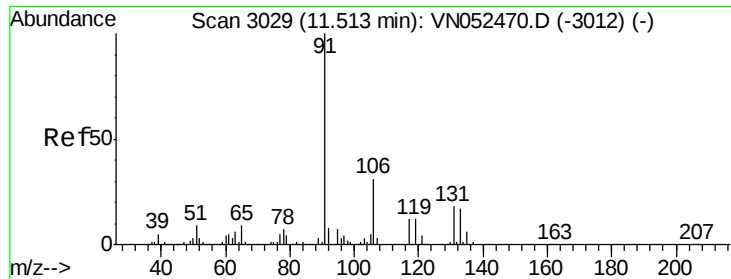
Tot Ion:112 Resp: 1514721
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.976 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Tgt Ion:131 Resp: 536887
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 66.8 33.2 99.6

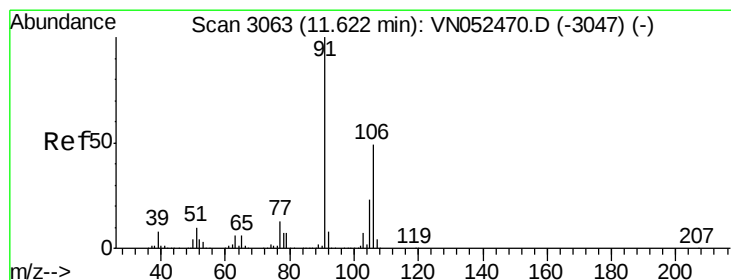
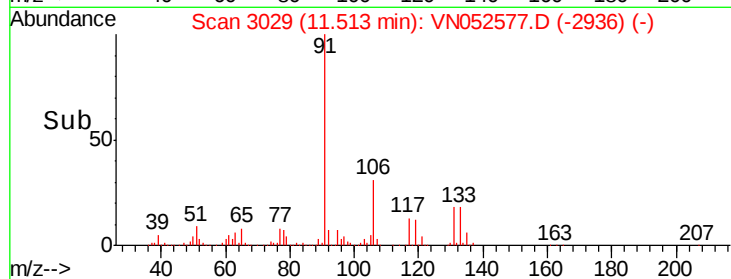
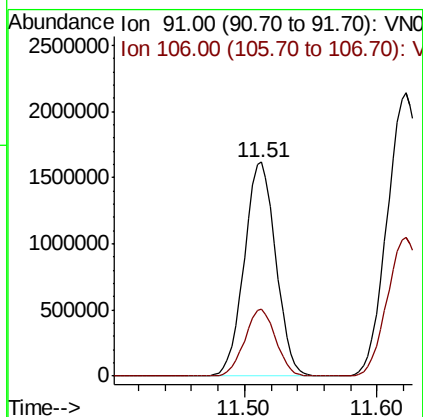
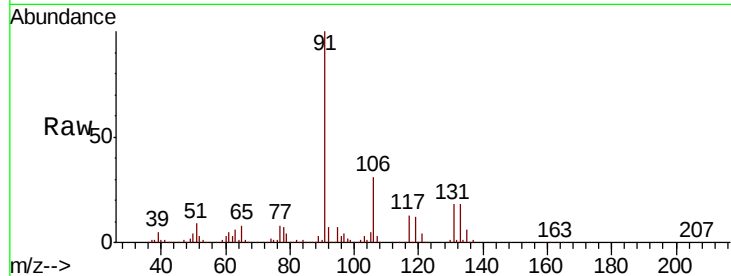




#67
Ethyl Benzene
Concen: 49.336 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

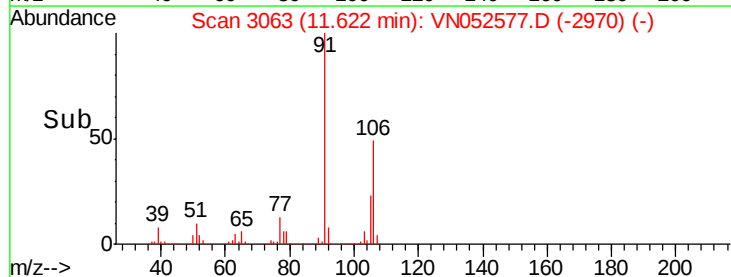
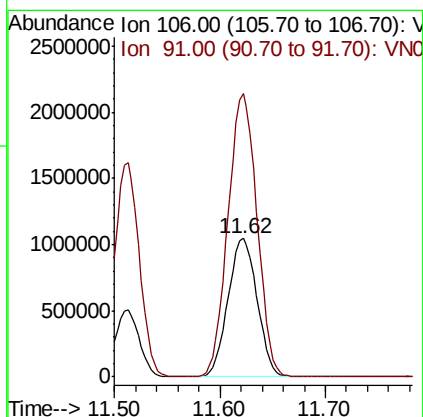
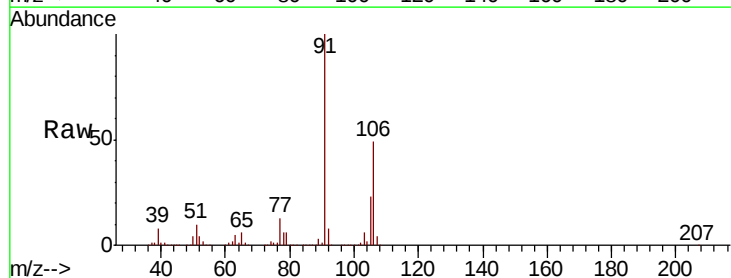
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

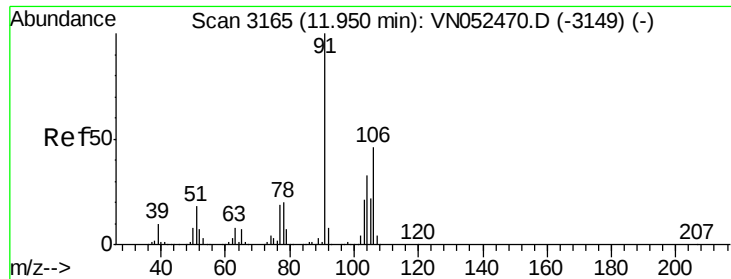
Tot Ion: 91 Resp: 2669346
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 99.000 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Tgt Ion: 106 Resp: 1994088
Ion Ratio Lower Upper
106 100
91 204.6 163.2 244.8

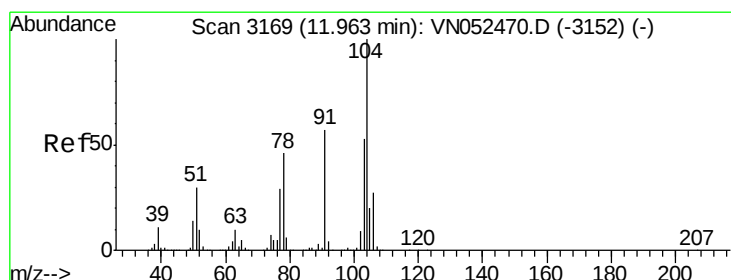
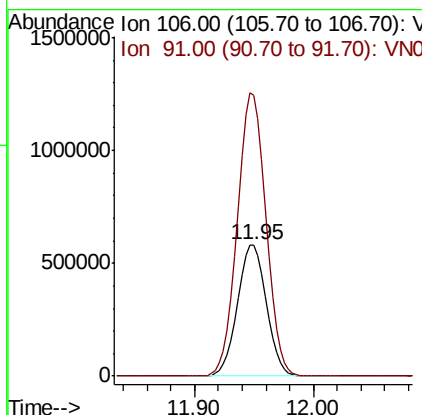
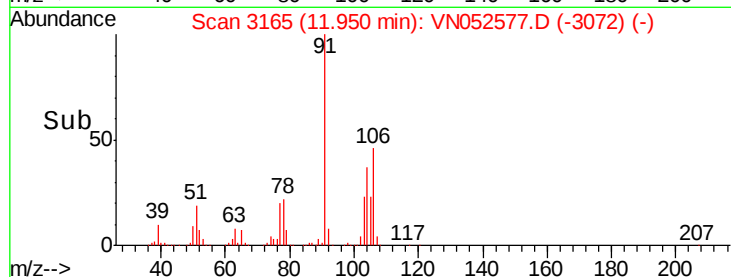
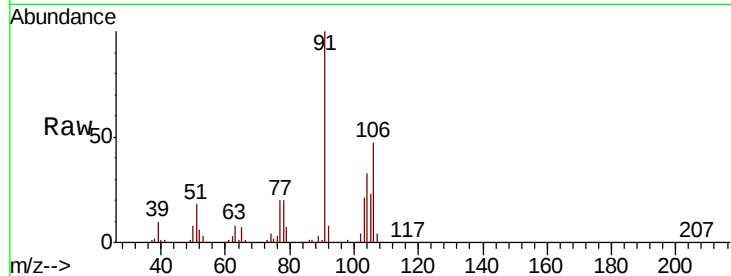




#69
o-Xylene
Concen: 50.010 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

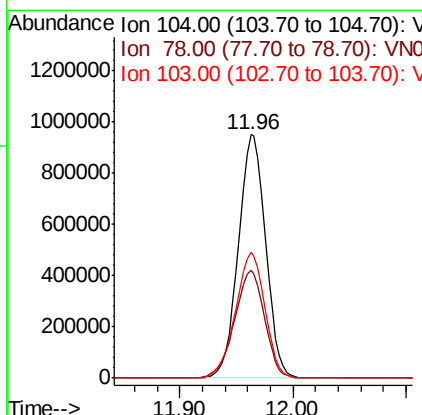
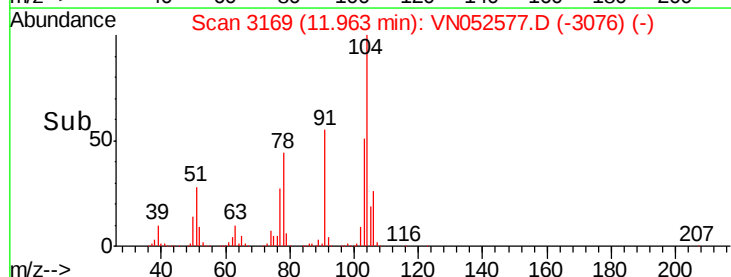
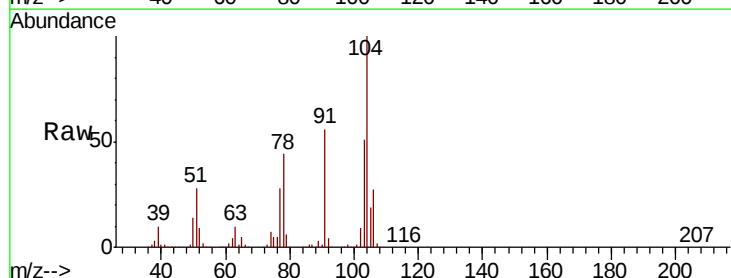
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 978190
Ion Ratio Lower Upper
106 100
91 213.9 107.7 323.1



#70
Styrene
Concen: 51.216 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Tgt Ion:104 Resp: 1595601
Ion Ratio Lower Upper
104 100
78 48.7 39.4 59.2
103 55.6 44.9 67.3

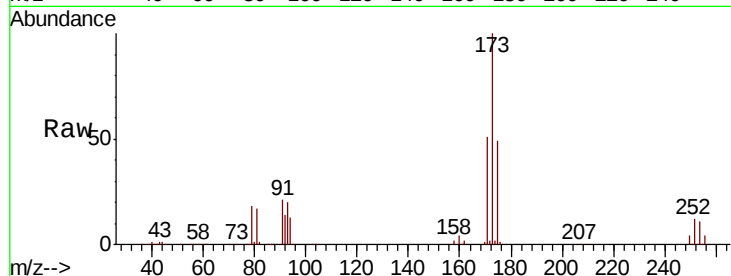




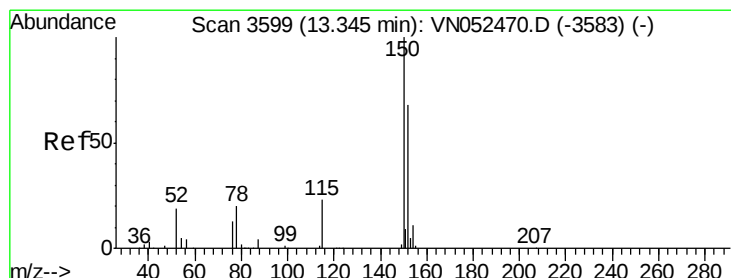
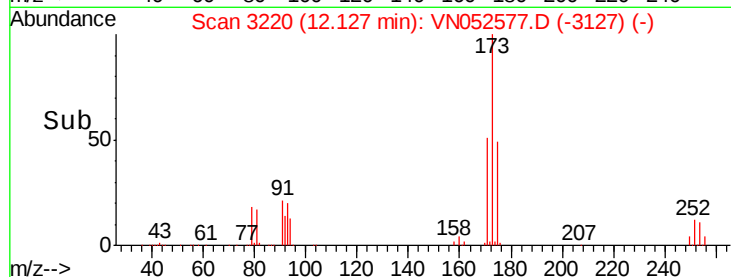
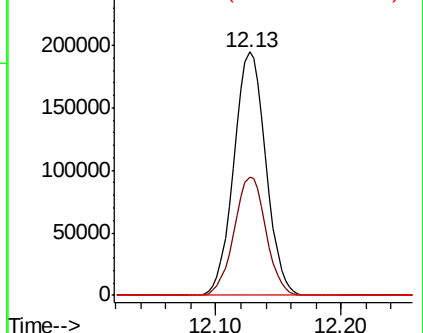
#71
Bromoform
Concen: 48.401 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 344285
Ion Ratio Lower Upper
173 100
175 48.5 24.4 73.2
254 0.2 0.1 0.1#

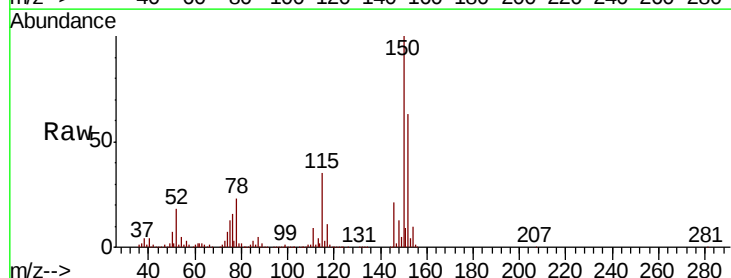


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

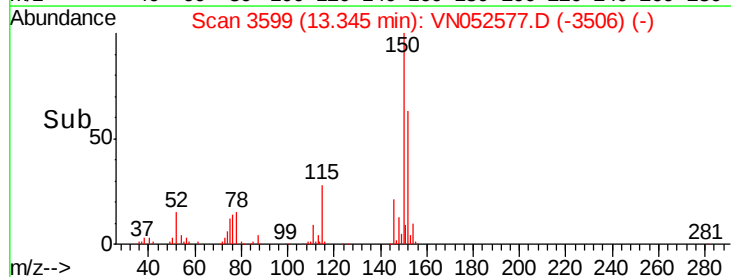
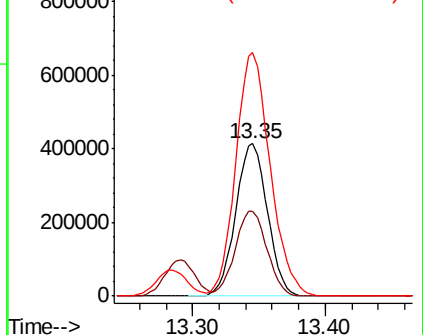


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Tgt Ion:152 Resp: 687493
Ion Ratio Lower Upper
152 100
115 56.1 28.4 85.2
150 173.2 0.0 346.0



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: 48.437 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

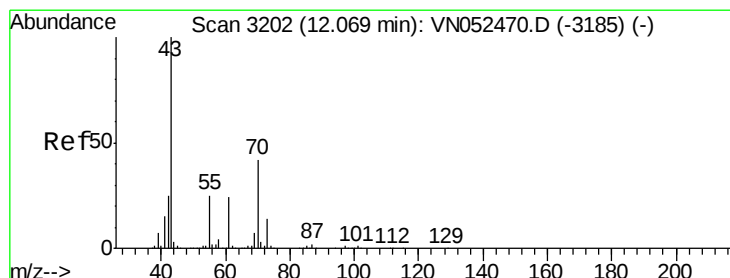
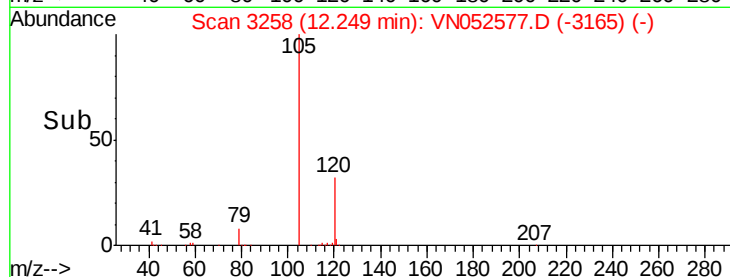
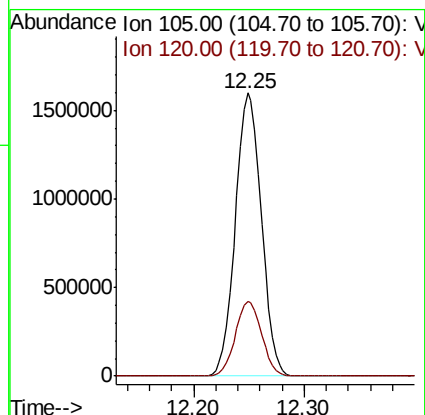
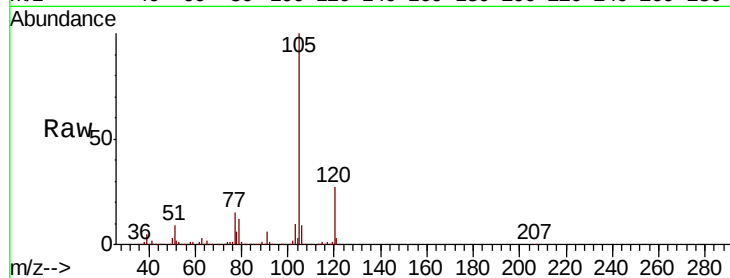
VSTDCCC050EC

Tot Ion:105 Resp: 2612578

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



#74

N-ethyl acetate

Concen: 47.777 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Tgt Ion: 43 Resp: 651049

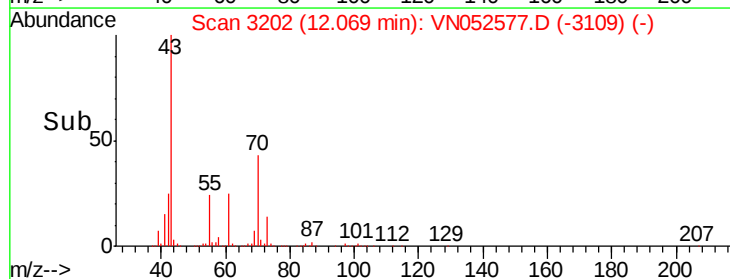
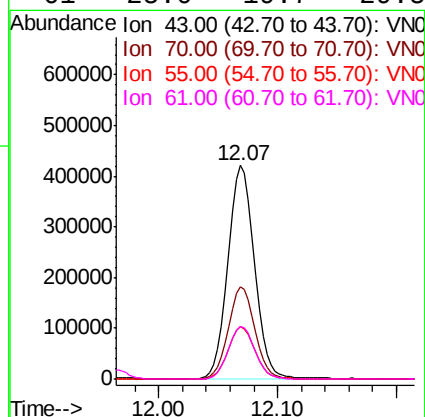
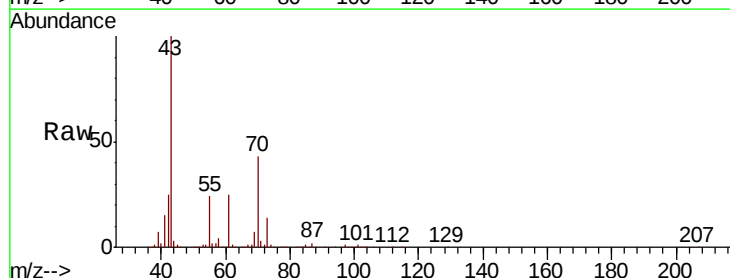
Ion Ratio Lower Upper

43 100

70 43.3 33.8 50.8

55 24.8 20.0 30.0

61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 44.361 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

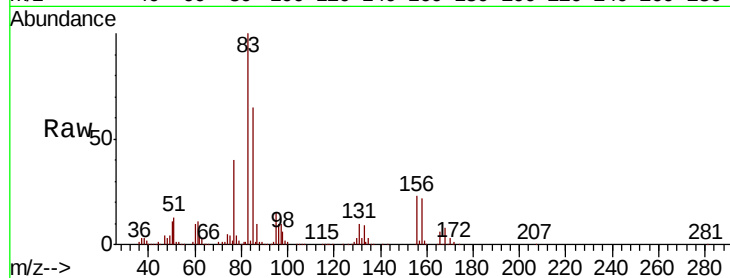
Tot Ion: 83 Resp: 544299

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN052577.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN052577.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN052577.D (-3245) (-)

12.51

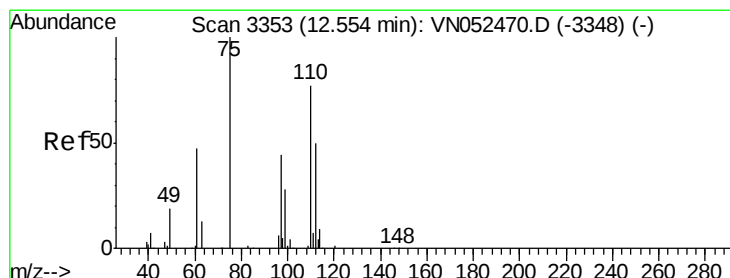
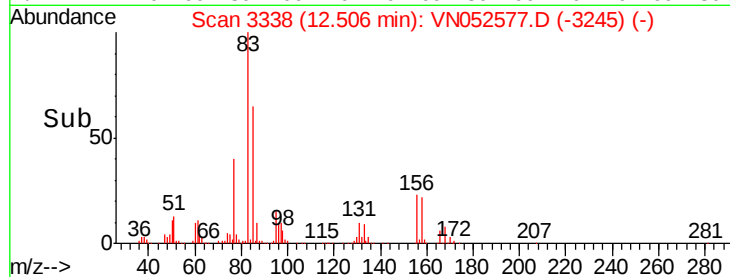
300000

200000

100000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 64.101 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052577.D

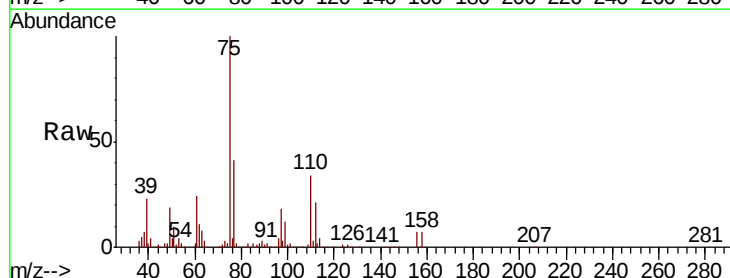
Acq: 29 Nov 2018 20:38

Tgt Ion: 75 Resp: 679569

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052577.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN052577.D (-3260) (-)

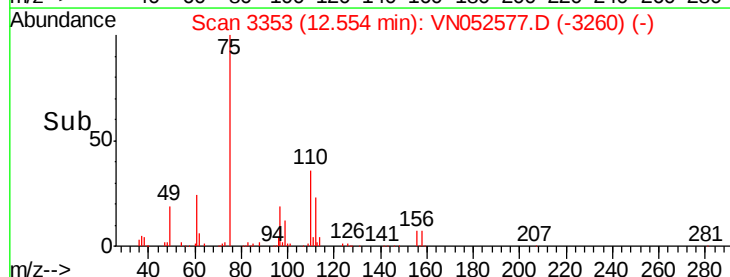
600000

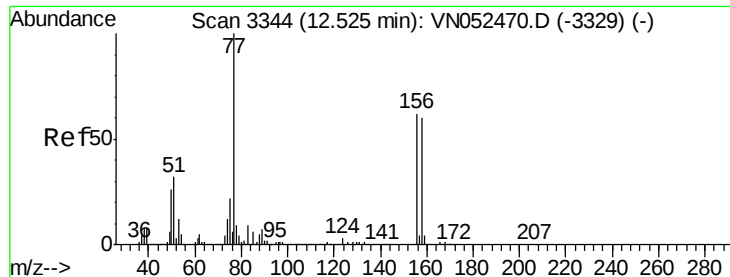
400000

200000

0

Time-->





#77

Bromobenzene

Concen: 48.096 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

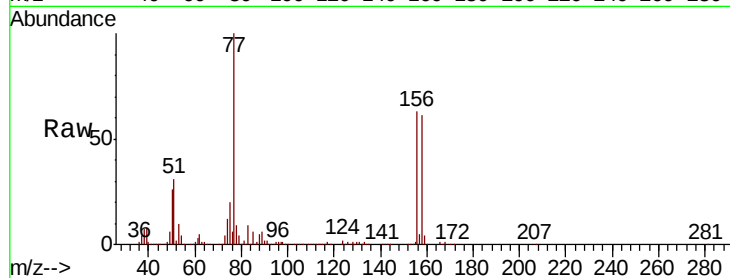
Tot Ion:156 Resp: 641221

Ion Ratio Lower Upper

156 100

77 181.7 93.5 280.4

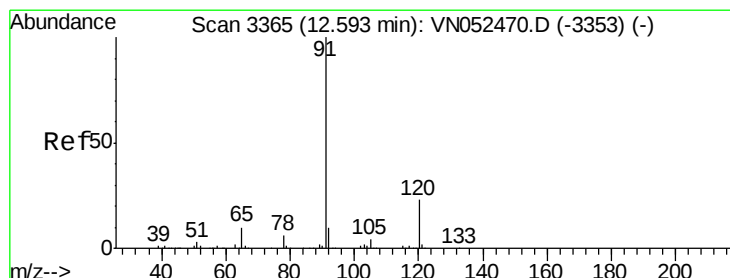
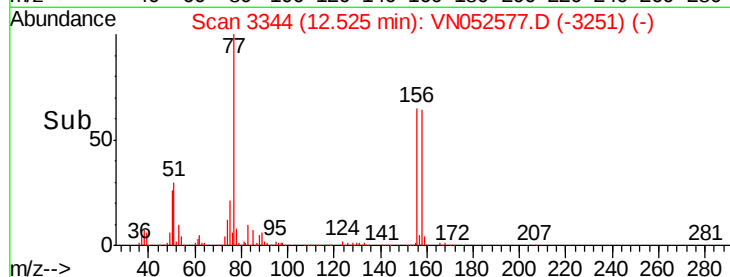
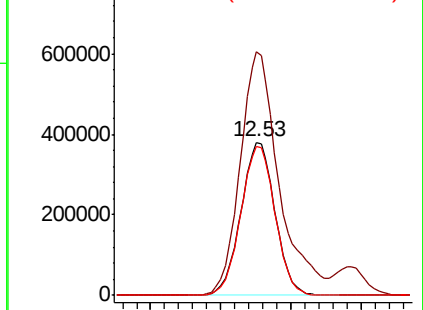
158 98.2 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.784 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052577.D

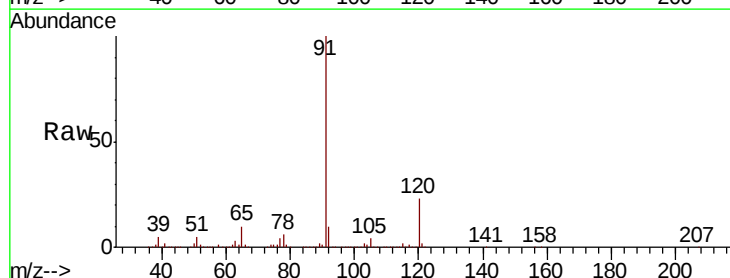
Acq: 29 Nov 2018 20:38

Tgt Ion: 91 Resp: 2989290

Ion Ratio Lower Upper

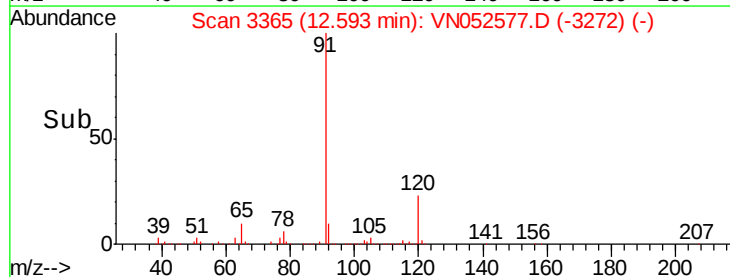
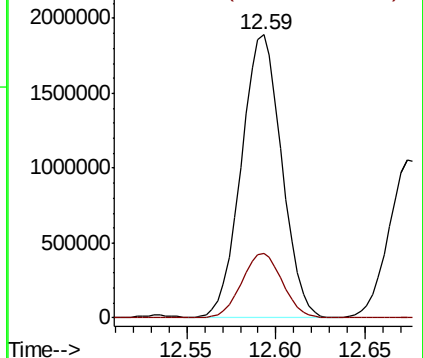
91 100

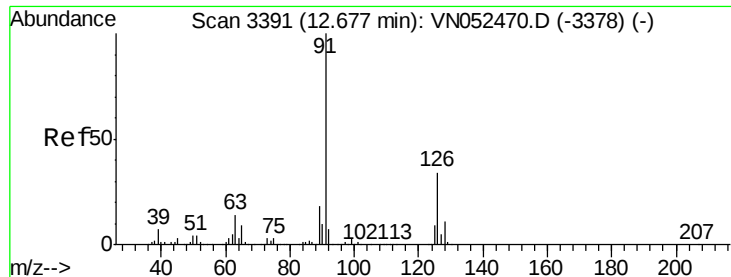
120 23.0 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.663 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

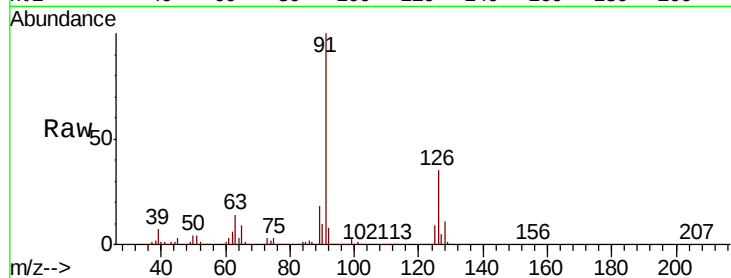
VSTDCCC050EC

Tot Ion: 91 Resp: 1739220

Ion Ratio Lower Upper

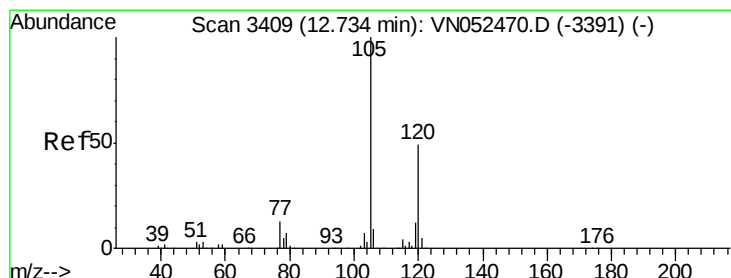
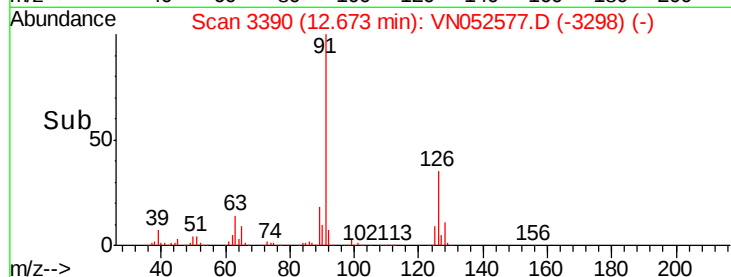
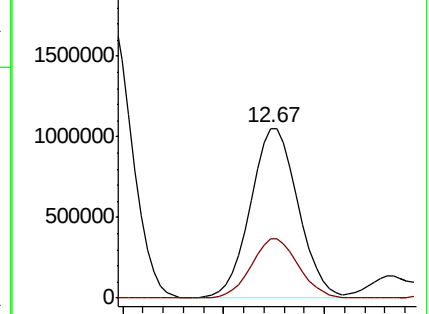
91 100

126 34.9 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN052470.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN052470.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.072 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052577.D

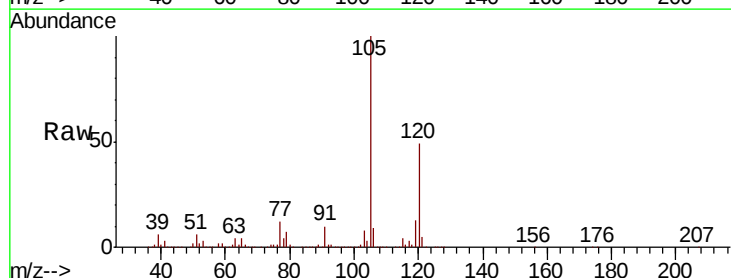
Acq: 29 Nov 2018 20:38

Tgt Ion:105 Resp: 2110961

Ion Ratio Lower Upper

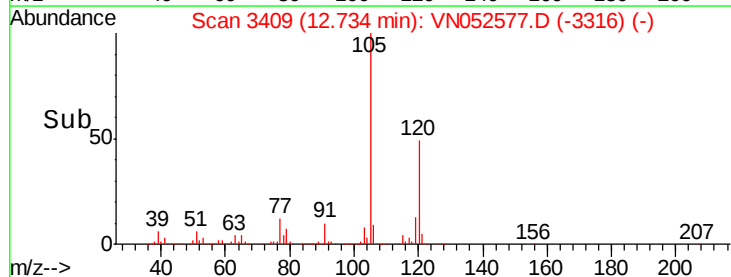
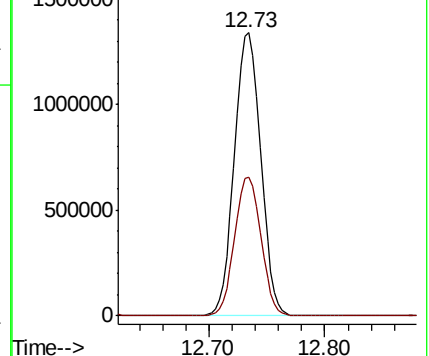
105 100

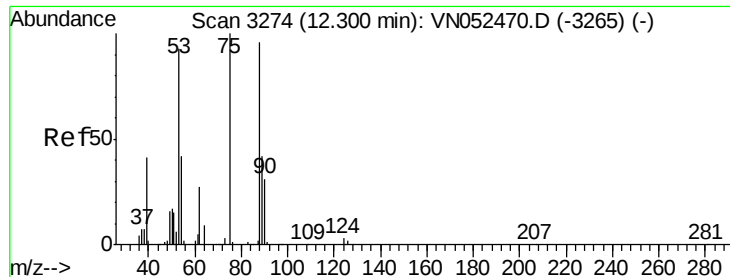
120 49.1 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN052470.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN052470.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.626 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

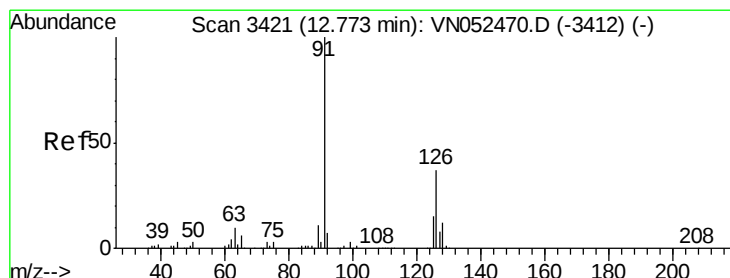
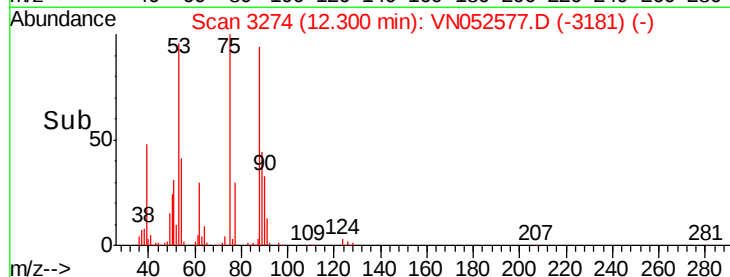
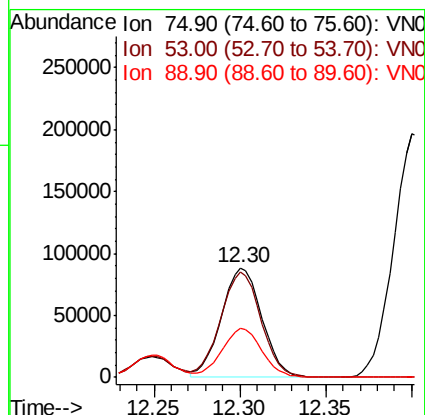
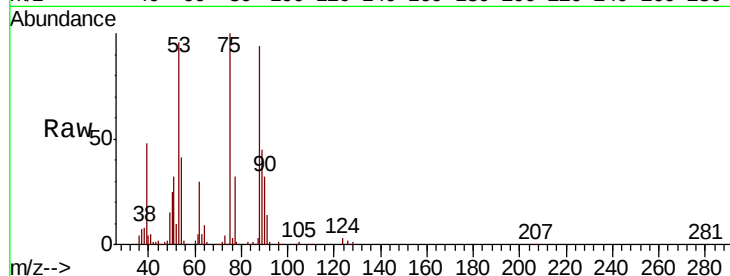
Tot Ion: 75 Resp: 144843

Ion Ratio Lower Upper

75 100

53 96.4 77.4 116.0

89 44.3 35.4 53.2



#82

4-Chlorotoluene

Concen: 48.028 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052577.D

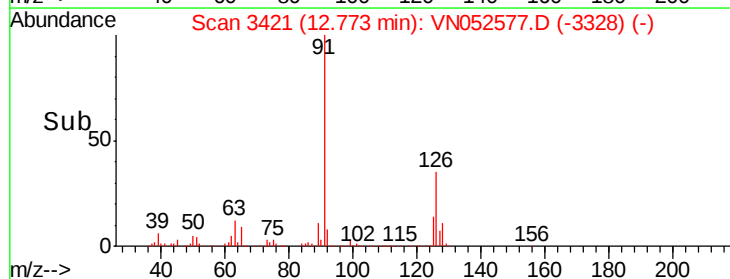
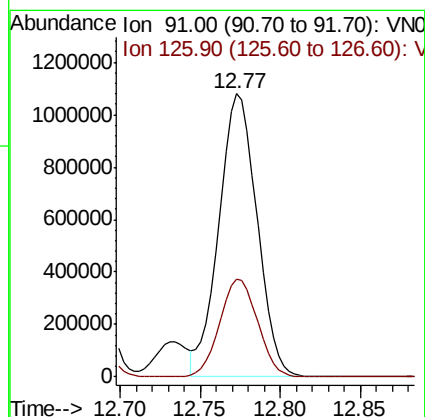
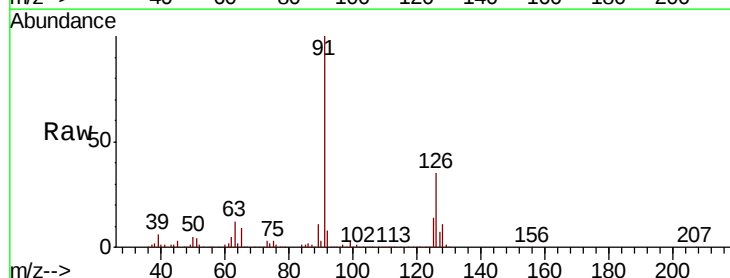
Acq: 29 Nov 2018 20:38

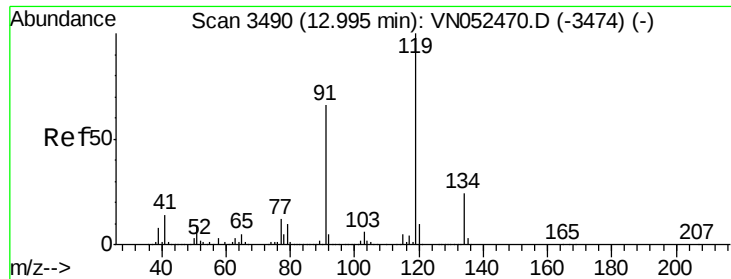
Tgt Ion: 91 Resp: 1766280

Ion Ratio Lower Upper

91 100

126 34.4 16.9 50.6

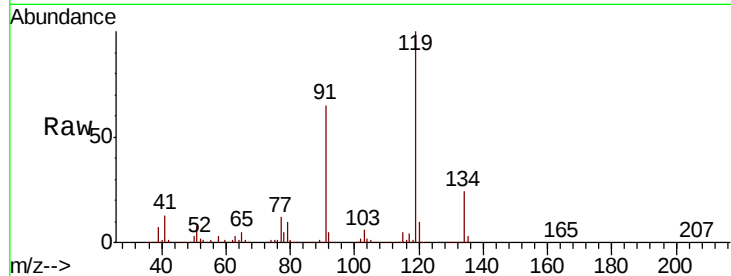




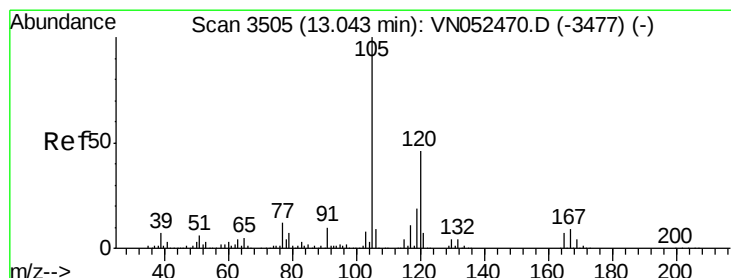
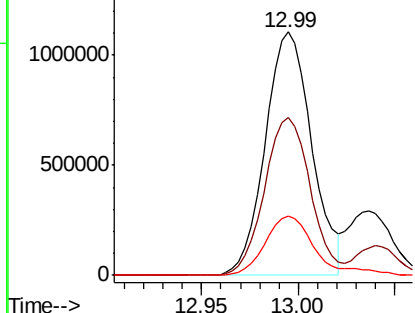
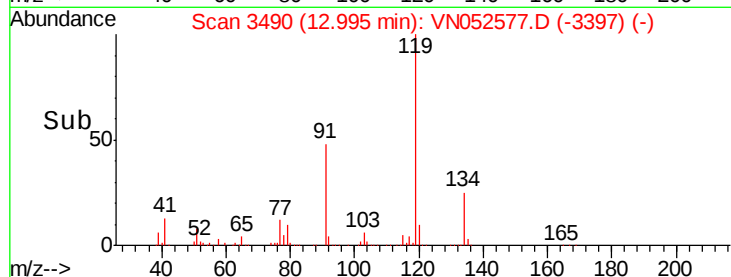
#83
 tert-Butylbenzene
 Concen: 48.244 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 1850193
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.3 96.9
 134 26.1 13.0 38.9

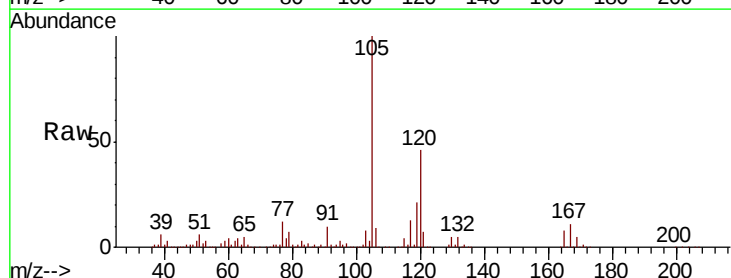


Abundance Ion 119.00 (118.70 to 119.70): V
 1500000 Ion 91.00 (90.70 to 91.70): VN
 Ion 134.00 (133.70 to 134.70): V

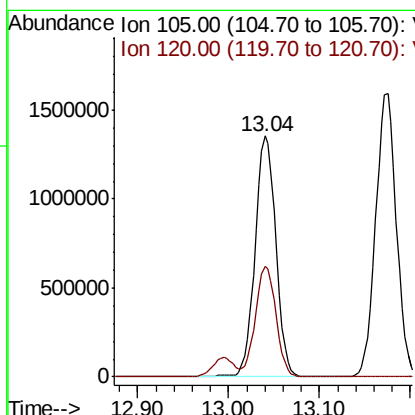
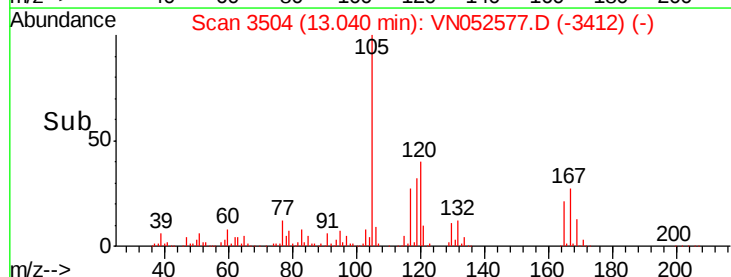


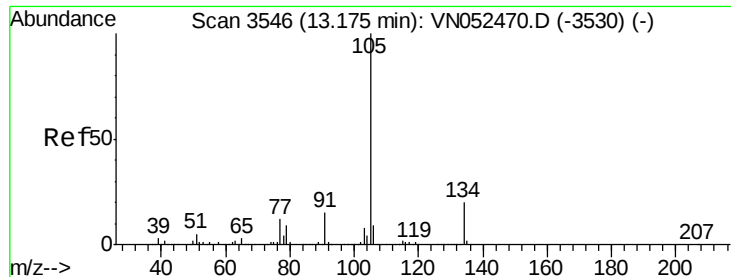
#84
 1,2,4-Trimethylbenzene
 Concen: 49.744 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

Tgt Ion:105 Resp: 2144508
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V
 1500000 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.134 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

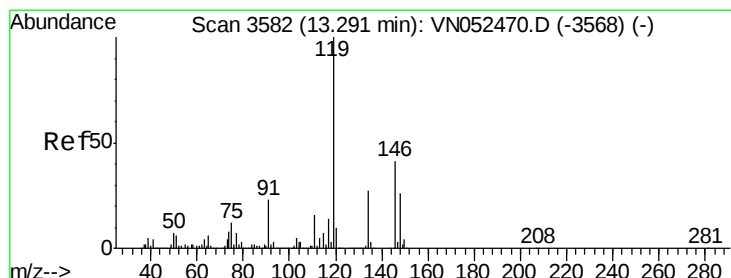
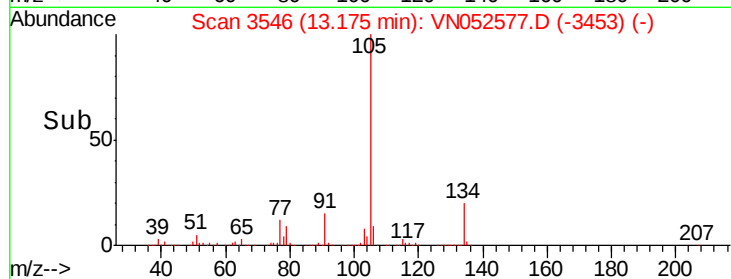
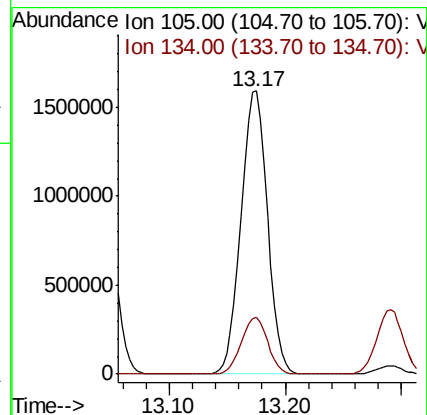
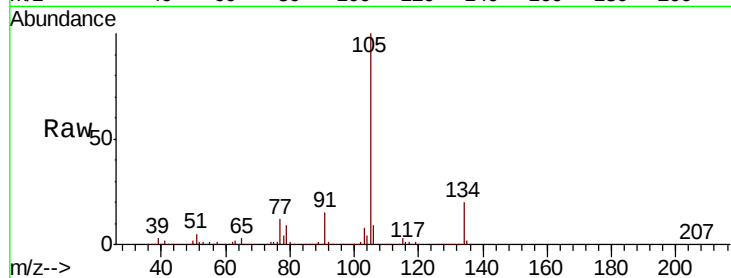
VSTDCCC050EC

Tot Ion:105 Resp: 2514267

Ion Ratio Lower Upper

105 100

134 20.0 9.9 29.7



#86

p-Isopropyltoluene

Concen: 48.570 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

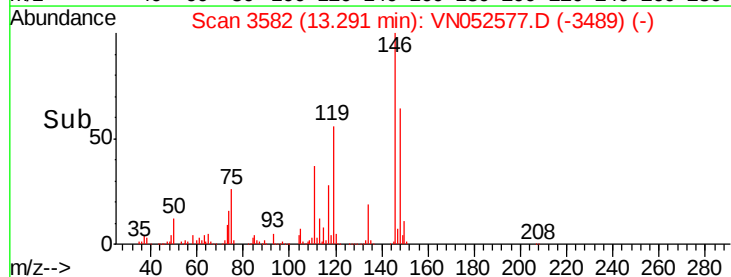
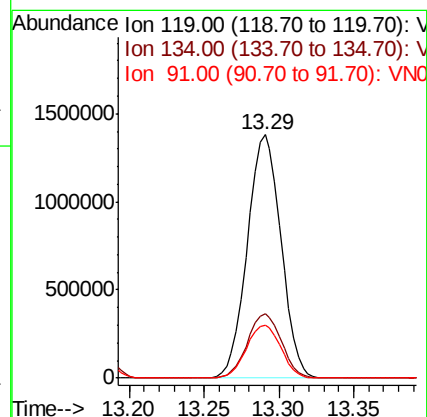
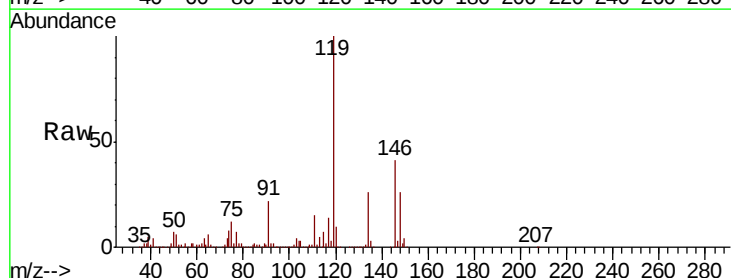
Tgt Ion:119 Resp: 2160865

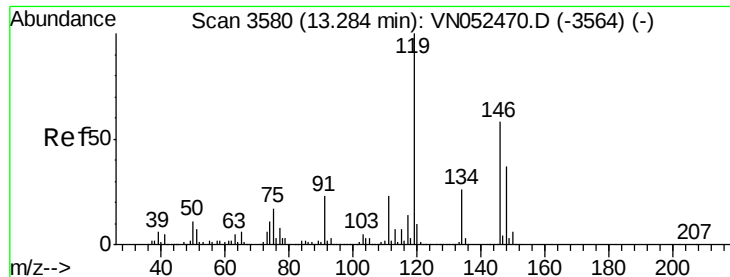
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.3 11.4 34.2

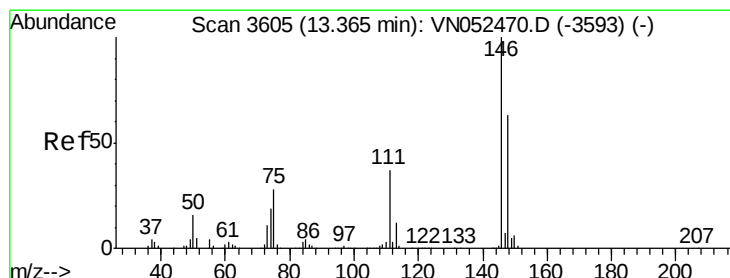
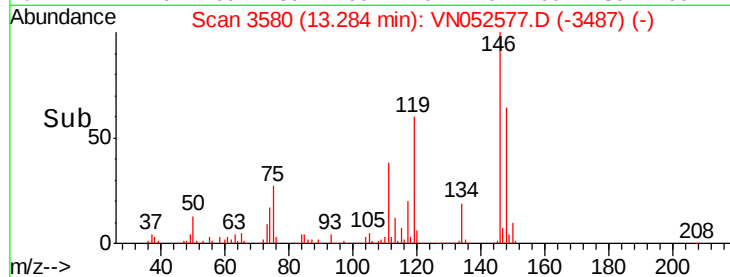
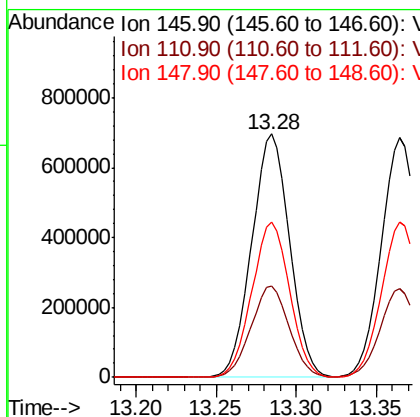
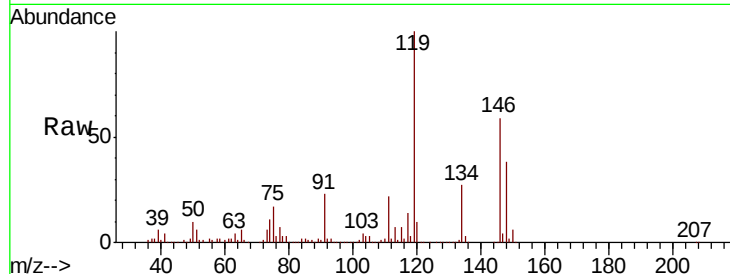




#87
 1,3-Dichlorobenzene
 Concen: 48.529 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

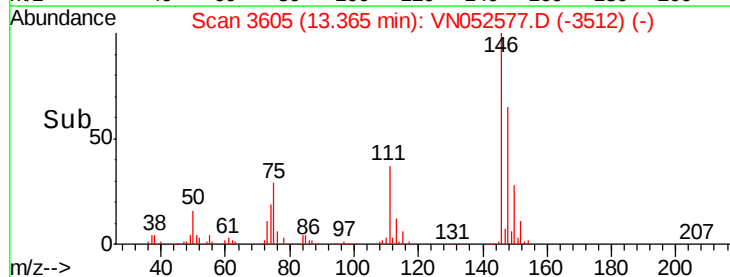
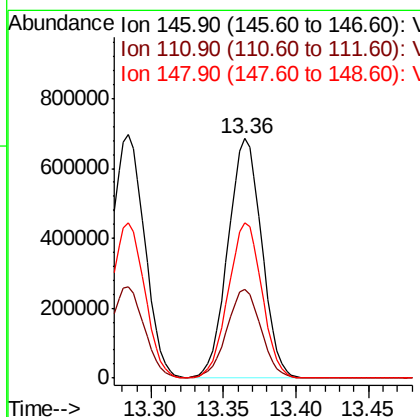
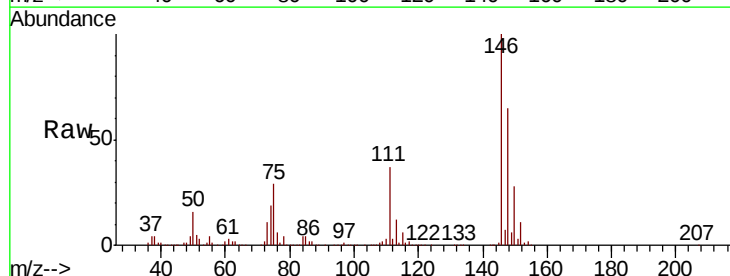
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 1131737
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.4 58.4
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.236 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN052577.D
 Acq: 29 Nov 2018 20:38

Tgt Ion:146 Resp: 1108020
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 56.0
 148 64.9 31.9 95.9





#89

n-Butylbenzene

Concen: 49.393 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

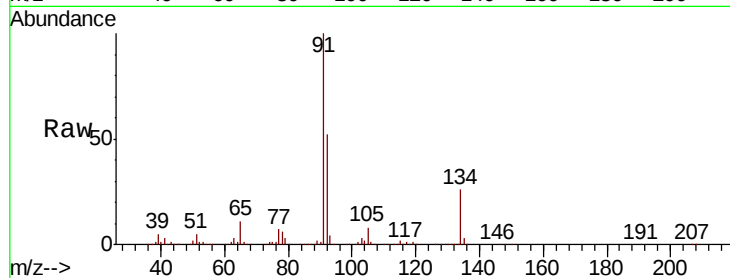
Tot Ion: 91 Resp: 1827524

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.3

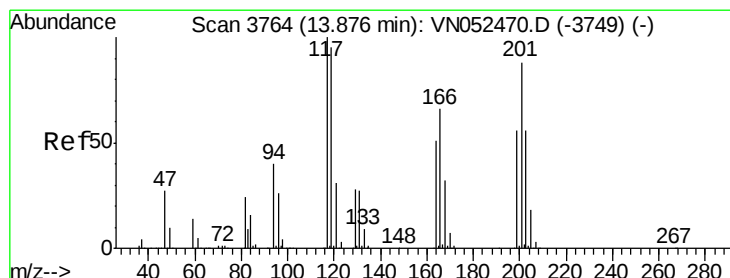
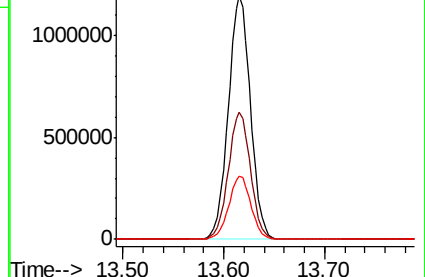
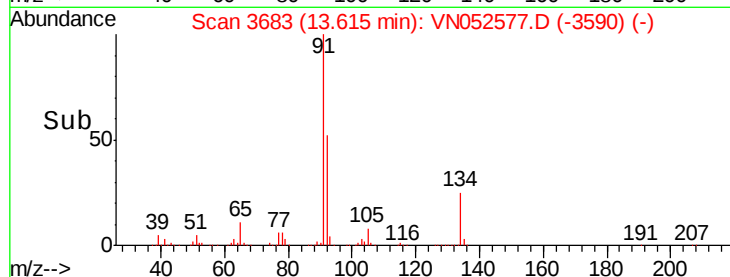
134 26.0 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN052470.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052470.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052470.D (-3667) (-)



#90

Hexachloroethane

Concen: 47.451 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN052577.D

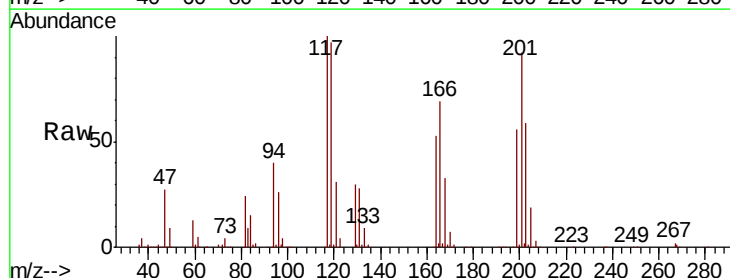
Acq: 29 Nov 2018 20:38

Tgt Ion: 117 Resp: 357451

Ion Ratio Lower Upper

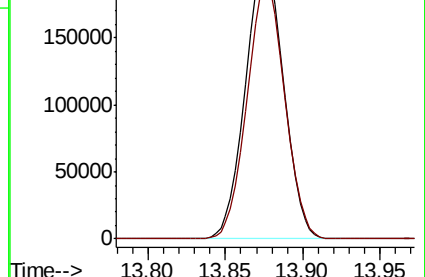
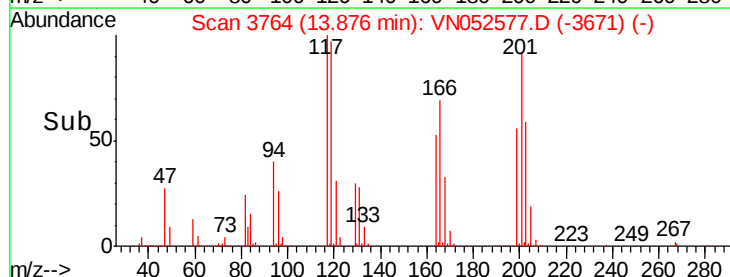
117 100

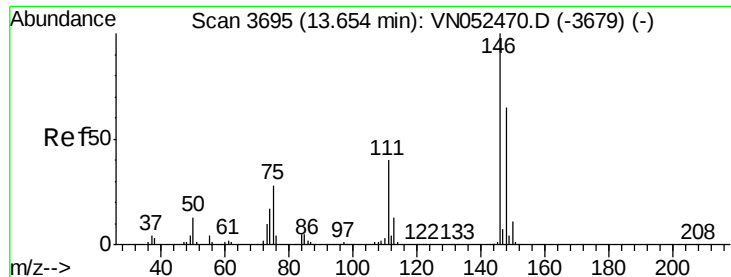
201 90.9 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): VN052470.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052470.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 48.547 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

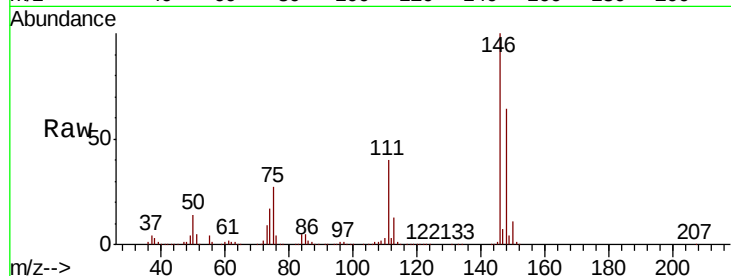
Tot Ion:146 Resp: 1081659

Ion Ratio Lower Upper

146 100

111 39.5 20.0 60.0

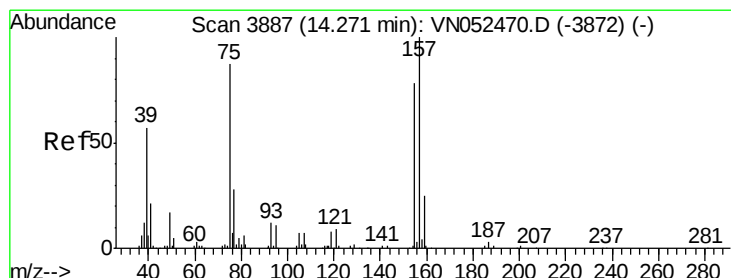
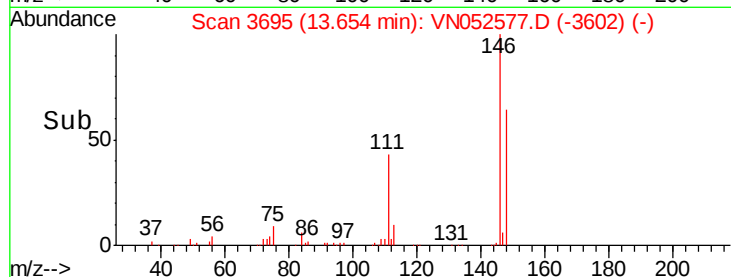
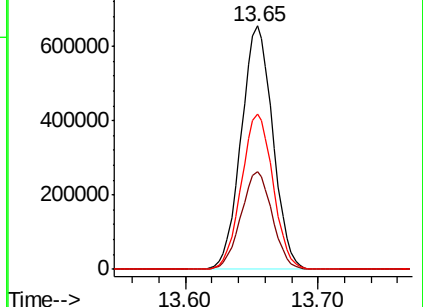
148 63.9 32.0 96.2



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: 44.263 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. -0.00 min

Lab File: VN052577.D

Acq: 29 Nov 2018 20:38

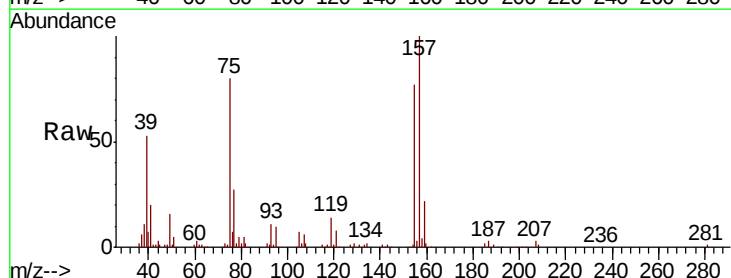
Tgt Ion: 75 Resp: 77675

Ion Ratio Lower Upper

75 100

155 95.3 45.3 135.9

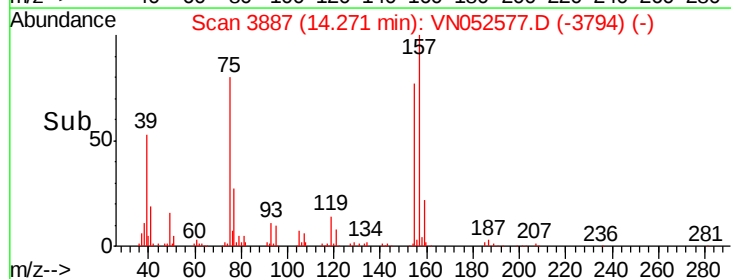
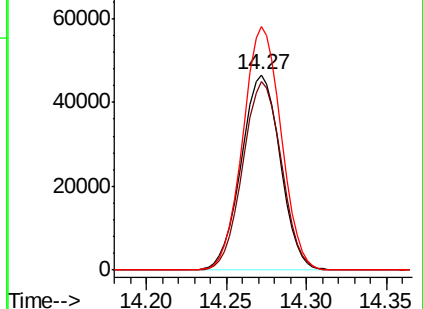
157 121.8 58.1 174.2



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

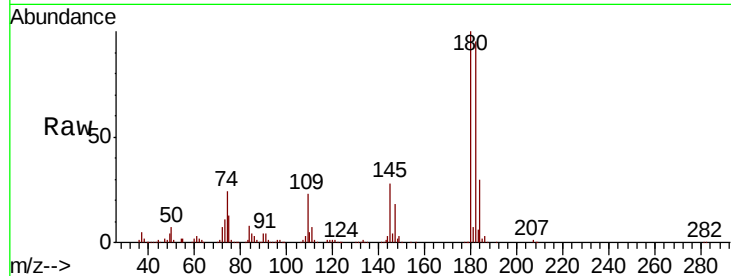




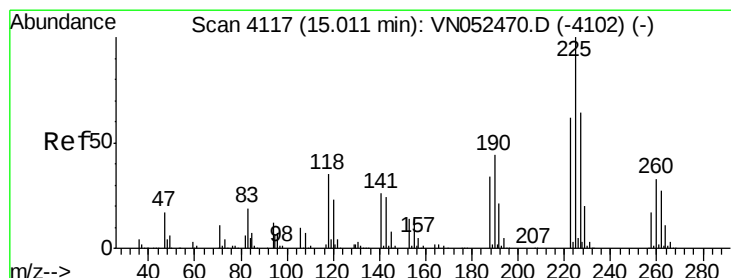
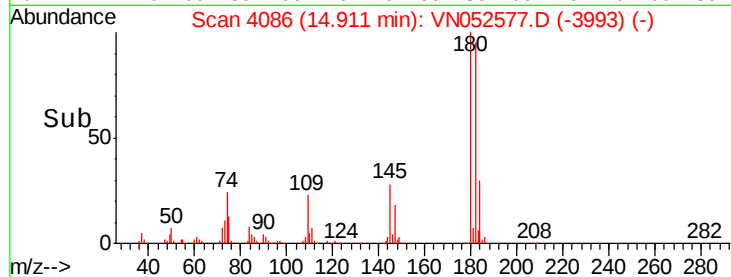
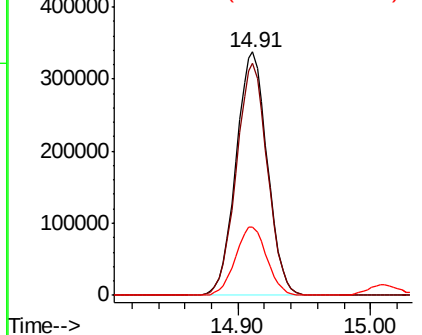
#93
1,2,4-Trichlorobenzene
Concen: 45.477 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:180 Resp: 551745
Ion Ratio Lower Upper
180 100
182 94.8 47.8 143.4
145 28.2 14.1 42.3

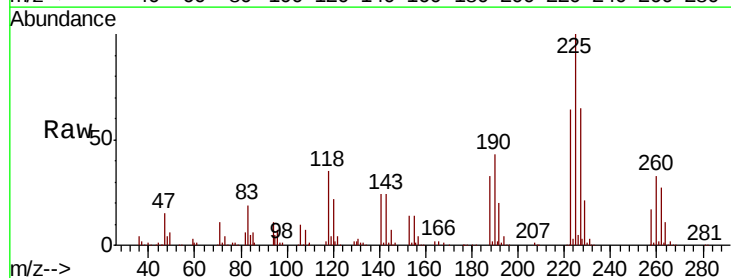


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

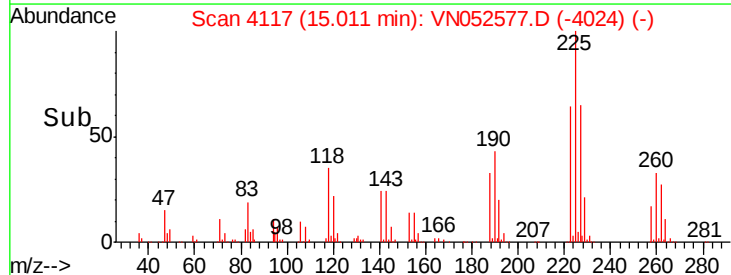
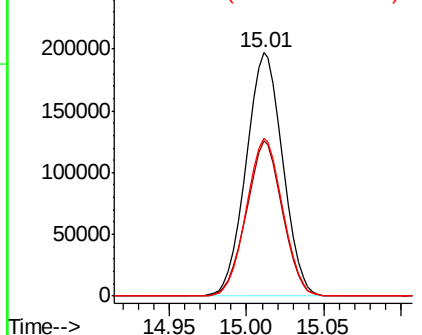


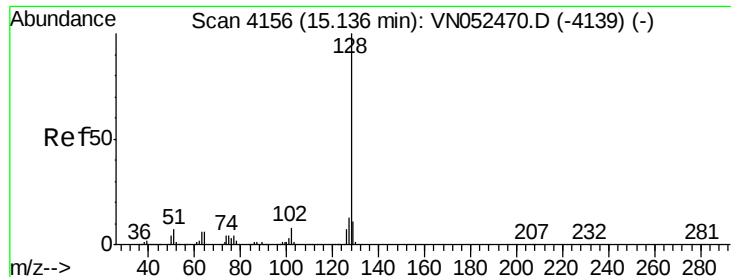
#94
Hexachlorobutadiene
Concen: 45.265 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Tgt Ion:225 Resp: 324447
Ion Ratio Lower Upper
225 100
223 62.8 31.4 94.2
227 64.4 32.5 97.4



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

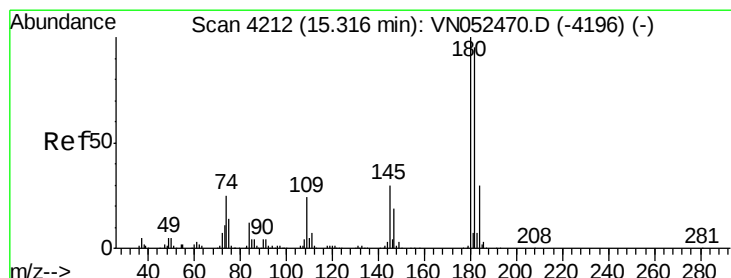
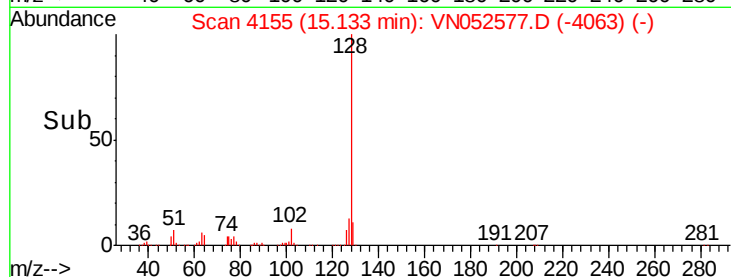
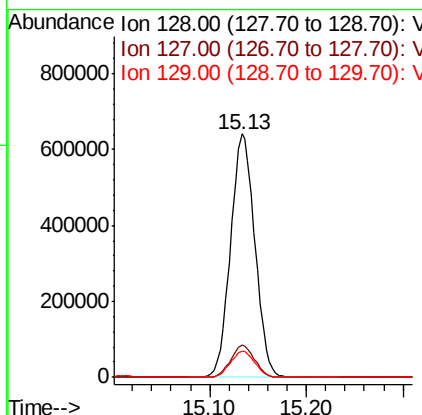
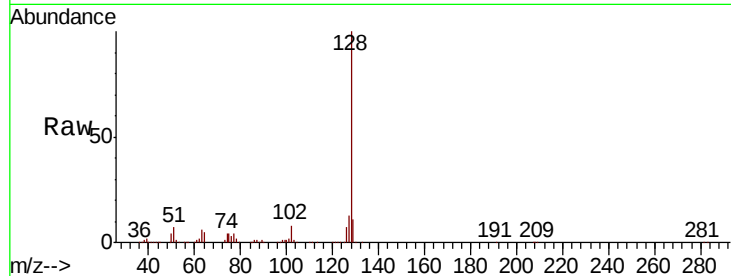




#95
Naphthalene
Concen: 43.560 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1115227
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.187 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052577.D
Acq: 29 Nov 2018 20:38

Tgt Ion:180 Resp: 503980
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 29.7 15.2 45.5

