

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070319\
 Data File : VN056577.D
 Acq On : 3 Jul 2019 9:56
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Quant Time: Jul 03 10:36:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 03 10:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	50268	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	279107	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	247439	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	104763	33.56	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	111.87%
60) 4-Bromofluorobenzene	12.40	95	115714	31.55	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	105.17%
63) Toluene-d8	10.09	98	342785	30.54	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	125470	44.378 ug/l	99
3) Chloromethane	2.06	50	178198	53.945 ug/l	99
4) Vinyl Chloride	2.18	62	170676	50.676 ug/l	100
5) Bromomethane	2.52	94	89868	42.458 ug/l	100
6) Chloroethane	2.68	64	94342	49.522 ug/l	98
7) Trichlorofluoromethane	3.00	101	220465	52.906 ug/l	97
8) Diethyl Ether	3.41	74	93658	52.993 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	140887	54.771 ug/l	94
10) 1,1-Dichloroethene	3.73	96	134982	51.442 ug/l	92
11) Methyl Iodide	3.95	142	195611	47.250 ug/l	99
12) Methyl Acetate	4.32	43	170500	54.073 ug/l	98
13) Acrolein	3.60	56	81509	530.354 ug/l	97
14) Acrylonitrile	4.99	53	408016	290.164 ug/l	99
15) Acetone	3.82	58	112652	244.674 ug/l	93
16) Carbon Disulfide	4.05	76	324616	51.993 ug/l	100
17) Allyl chloride	4.32	41	239985	59.028 ug/l	98
18) Methylene Chloride	4.55	84	159818	52.611 ug/l	94
19) trans-1,2-Dichloroethene	5.04	96	145514	51.953 ug/l	90
20) Diisopropyl ether	5.95	45	499075	59.249 ug/l	96
21) 1,1-Dichloroethane	5.85	63	276933	56.572 ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	173330	53.020 ug/l	94
23) tert-Butyl Alcohol	4.80	59	147449	269.396 ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	450964	53.927 ug/l	99
25) Chloroform	7.37	83	269915	55.218 ug/l	99
26) Cyclohexane	7.65	56	257598	56.720 ug/l	# 95
29) 1,1-Dichloropropene	7.79	75	204488	54.163 ug/l	98
30) 2-Butanone	6.84	43	569873	286.721 ug/l	98
31) 2,2-Dichloropropane	6.82	77	194501	55.379 ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	219786	52.691 ug/l	99
33) Carbon Tetrachloride	7.77	117	185770	52.567 ug/l	98
34) Benzene	8.04	78	639421	53.155 ug/l	94
35) Methacrylonitrile	7.17	41	92231	54.953 ug/l	98
36) 1,2-Dichloroethane	8.12	62	203803	54.089 ug/l	97
37) Trichloroethene	8.83	130	166345	49.418 ug/l	93
38) Methylcyclohexane	9.08	83	258987	54.110 ug/l	98
39) 1,2-Dichloropropane	9.12	63	170449	55.325 ug/l	94
40) Dibromomethane	9.21	93	106192	51.985 ug/l	94

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	196325	53.673	ug/l	99
42) Vinyl Acetate	5.90	43	2062836	291.117	ug/l	98
43) Ethyl Acetate	6.93	43	220574	57.987	ug/l	98
44) Isopropyl Acetate	8.17	43	341871	57.884	ug/l #	87
45) 1,4-Dioxane	9.20	88	66024	1045.018	ug/l	90
46) Methyl methacrylate	9.20	41	167112	56.956	ug/l	97
47) n-amyl Acetate	12.07	43	294227	60.240	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	215555	55.996	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	249340	55.316	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	157203	51.812	ug/l	97
51) Ethyl methacrylate	10.43	69	250117	54.489	ug/l	97
52) 1,3-Dichloropropane	10.71	76	267221	54.326	ug/l	99
53) Dibromochloromethane	10.90	129	155650	52.406	ug/l	99
54) 1,2-Dibromoethane	11.00	107	166239	52.506	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	645028	401.184	ug/l	98
56) Bromoform	12.13	173	112371	52.299	ug/l #	99
58) 4-Methyl-2-Pentanone	9.98	43	1105485	295.044	ug/l	97
59) 2-Hexanone	10.75	43	822135	306.991	ug/l	99
61) Tetrachloroethene	10.63	164	150927	43.765	ug/l	98
62) Toluene	10.16	91	675201	50.548	ug/l	99
64) Chlorobenzene	11.43	112	408477	50.415	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	150218	51.416	ug/l	98
66) Ethyl Benzene	11.51	91	739233	51.959	ug/l	98
67) m/p-Xylenes	11.62	106	554210	101.771	ug/l	95
68) o-Xylene	11.95	106	269111	50.478	ug/l	95
69) Styrene	11.96	104	457895	52.864	ug/l	98
70) Isopropylbenzene	12.25	105	713095	51.194	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.50	83	232507	55.364	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	281522	77.436	ug/l	66
73) Bromobenzene	12.53	156	184392	49.872	ug/l	91
74) n-propylbenzene	12.59	91	813900	55.369	ug/l	98
75) 2-Chlorotoluene	12.67	91	481657	52.827	ug/l	98
76) 1,3,5-Trimethylbenzene	12.73	105	599189	52.296	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	63980	61.676	ug/l	99
78) 4-Chlorotoluene	12.77	91	473474	55.604	ug/l	98
79) tert-butylbenzene	12.99	119	508519	50.095	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	599163	53.756	ug/l	99
81) sec-Butylbenzene	13.17	105	682473	53.146	ug/l	99
82) p-Isopropyltoluene	13.29	119	623057	53.664	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	310025	53.806	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	299225	54.519	ug/l	98
85) n-Butylbenzene	13.61	91	530620	61.235	ug/l	97
86) Hexachloroethane	13.87	117	91964	50.809	ug/l	96
87) 1,2-Dichlorobenzene	13.65	146	308764	52.719	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	40551	61.513	ug/l	95
89) 1,2,4-Trichlorobenzene	14.91	180	173885	60.868	ug/l	98
90) Hexachlorobutadiene	15.01	225	105206	49.206	ug/l	99
91) Naphthalene	15.13	128	496981	63.892	ug/l	100
92) 1,2,3-Trichlorobenzene	15.31	180	182999	59.691	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 03 10:34:01 2019
Response via : Initial Calibration

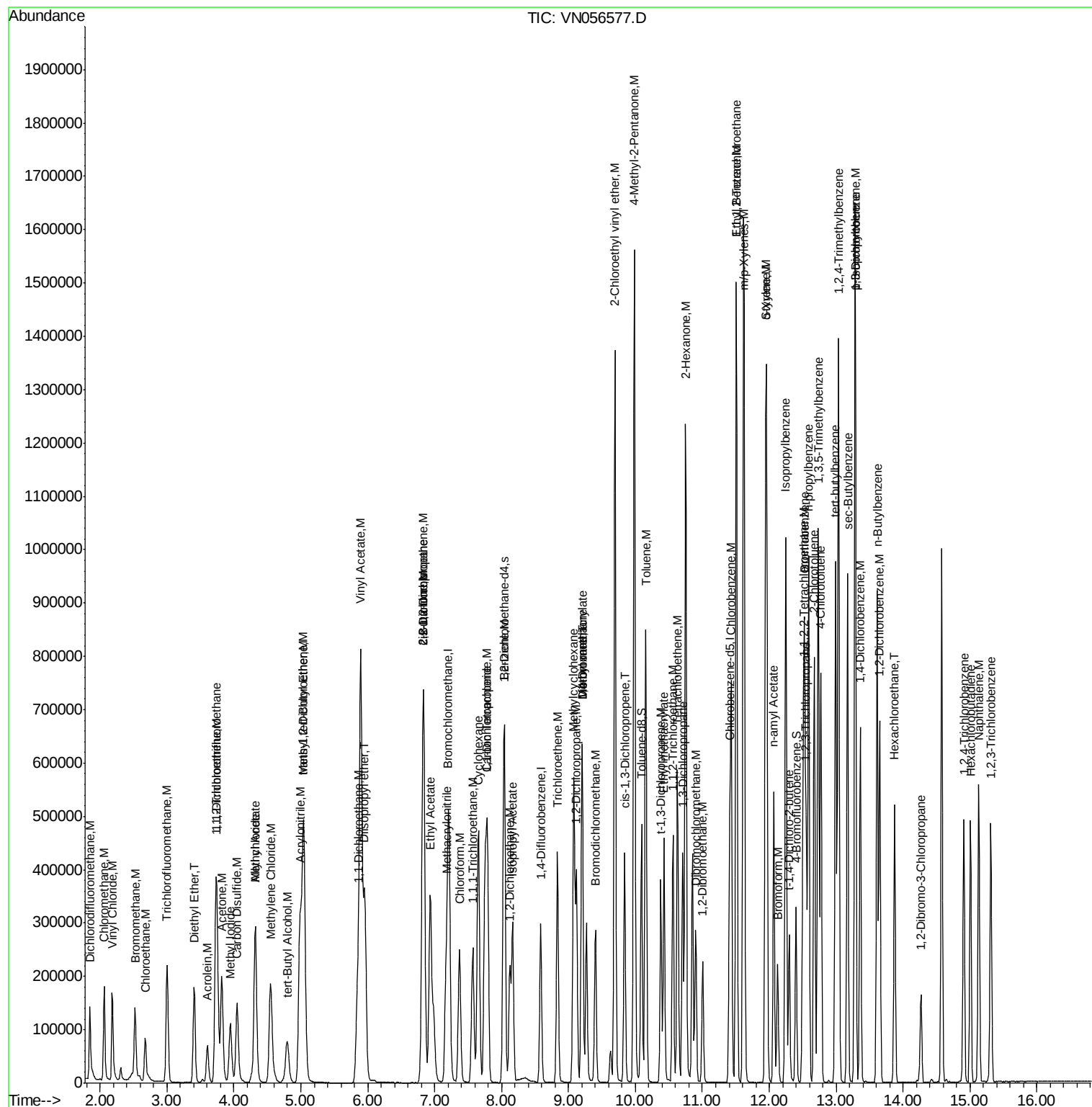
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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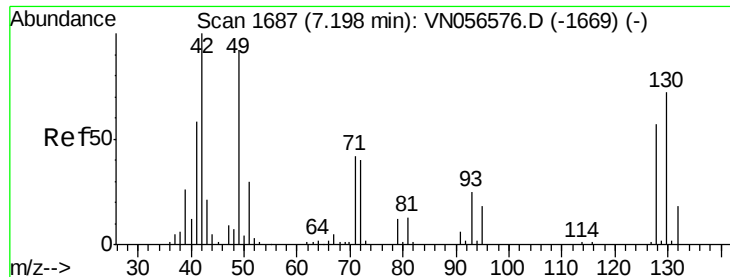
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ClientSampleId :
 VSTDIC050

Quant Time: Jul 03 10:36:37 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

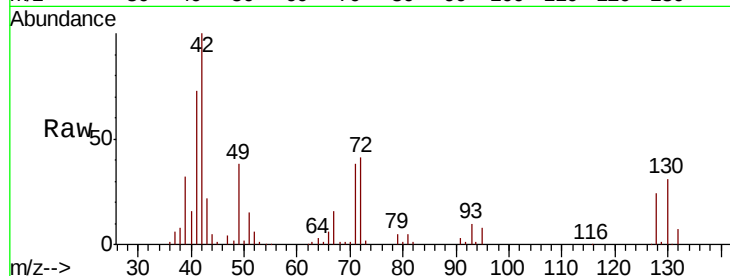
Tgt Ion:128 Resp: 50268

Ion Ratio Lower Upper

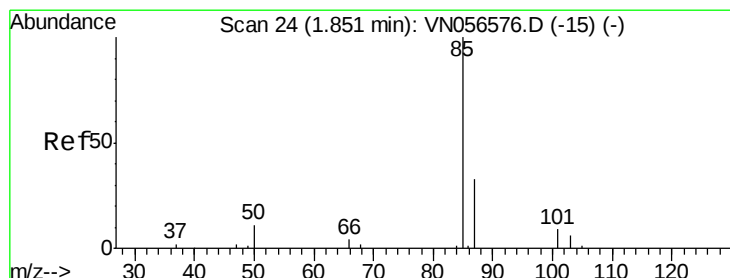
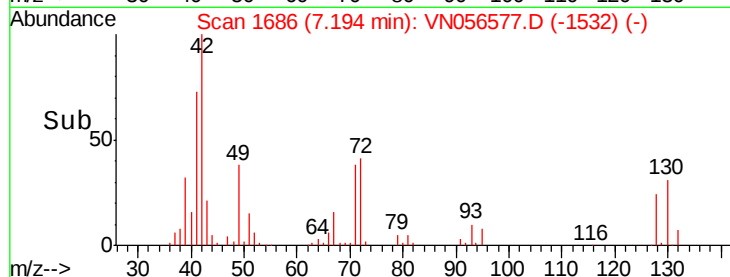
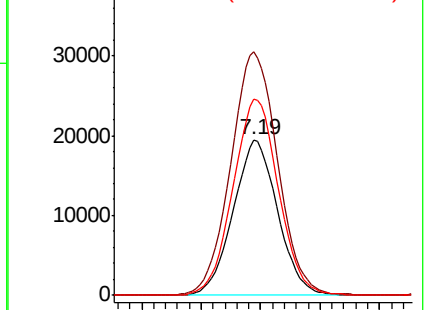
128 100

49 165.4 0.0 355.8

130 129.4 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 44.378 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056577.D

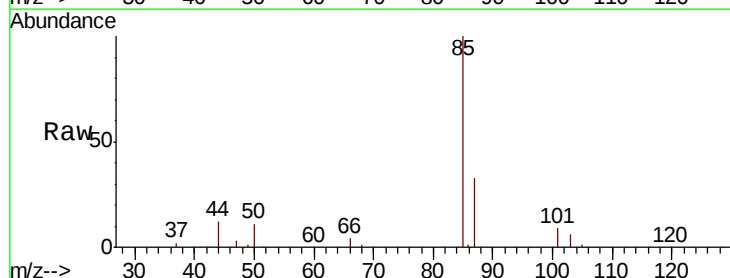
Acq: 3 Jul 2019 9:56

Tgt Ion: 85 Resp: 125470

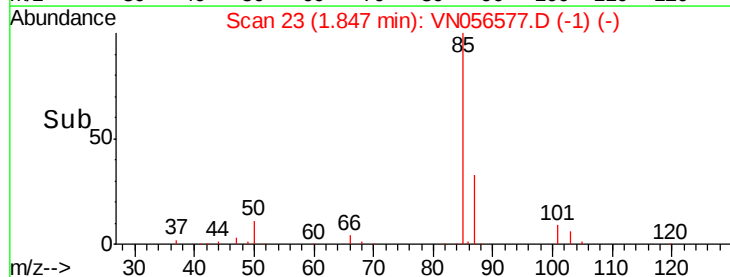
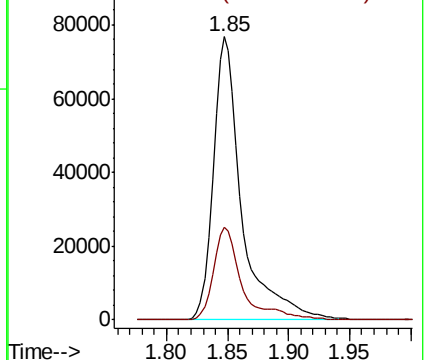
Ion Ratio Lower Upper

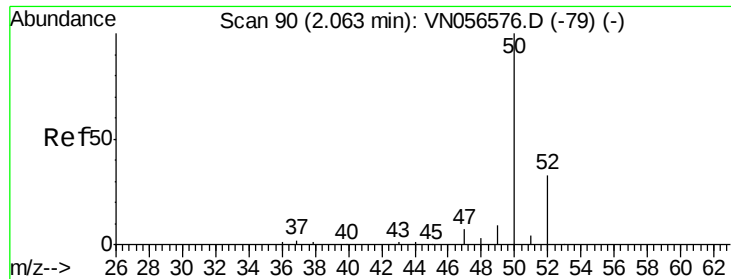
85 100

87 32.6 15.9 47.7



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 53.945 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

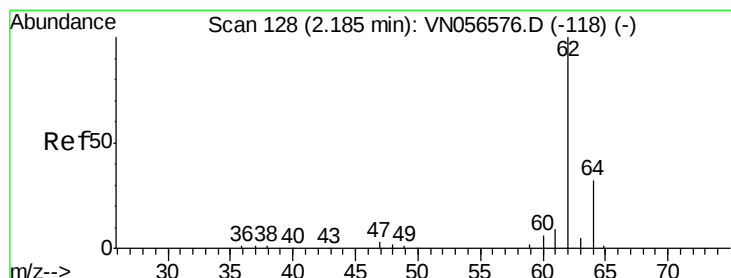
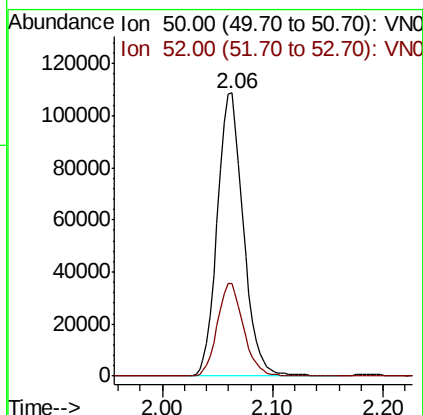
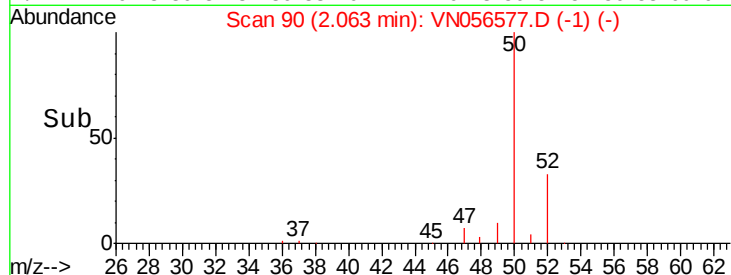
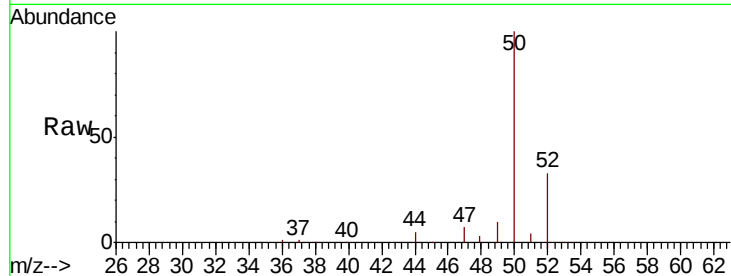
VSTDIC050

Tgt Ion: 50 Resp: 178198

Ion Ratio Lower Upper

50 100

52 32.7 26.7 40.1



#4

Vinyl Chloride

Concen: 50.676 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056577.D

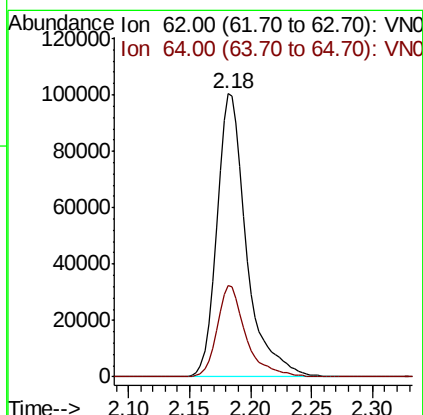
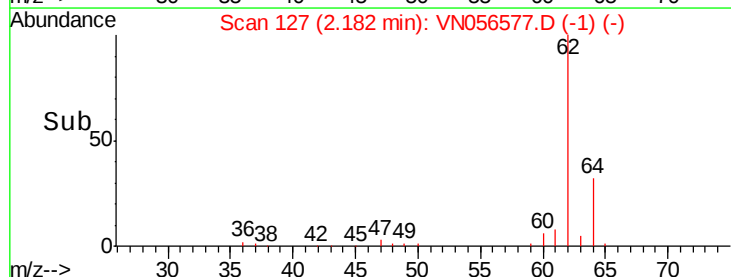
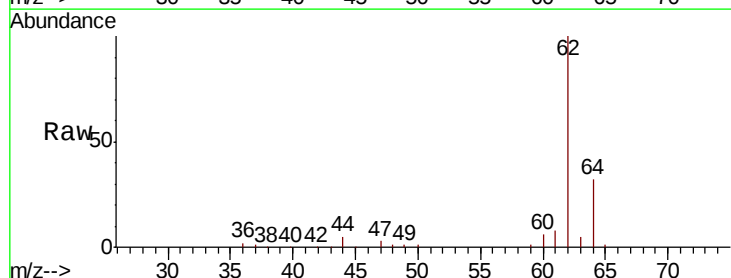
Acq: 3 Jul 2019 9:56

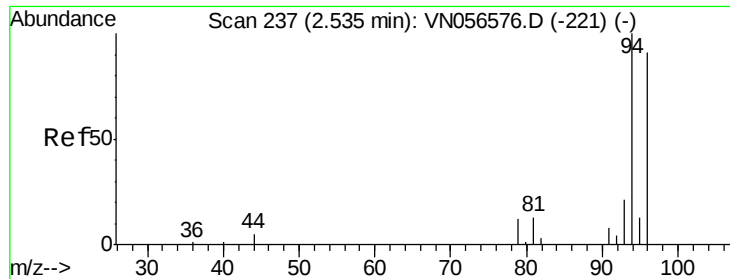
Tgt Ion: 62 Resp: 170676

Ion Ratio Lower Upper

62 100

64 32.4 25.8 38.8





#5

Bromomethane

Concen: 42.458 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.01 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

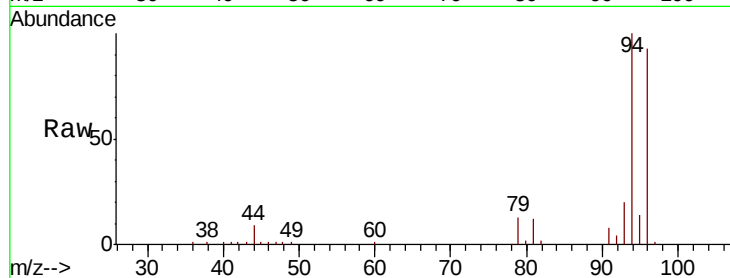
VSTDIC050

Tgt Ion: 94 Resp: 89868

Ion Ratio Lower Upper

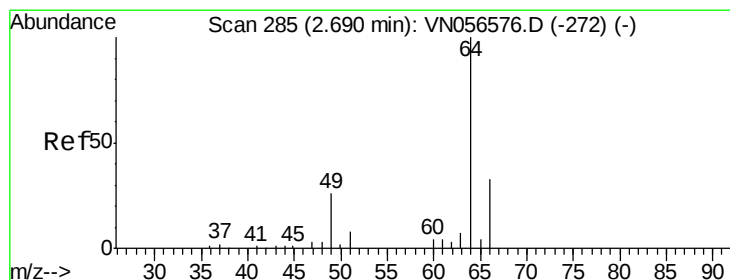
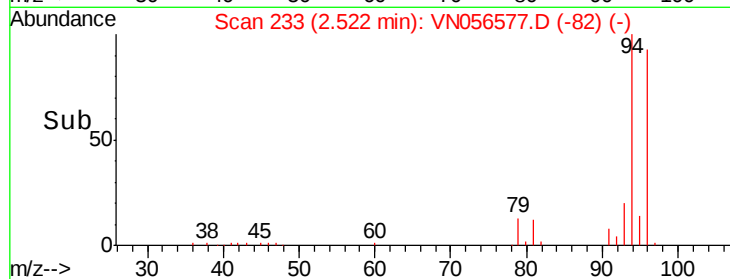
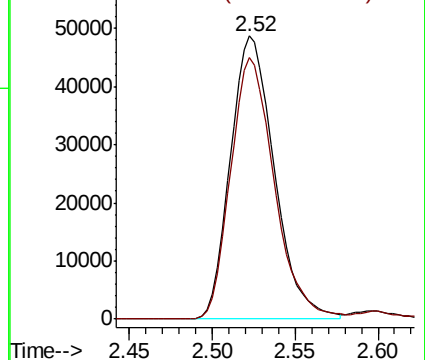
94 100

96 92.6 74.1 111.1



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 49.522 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN056577.D

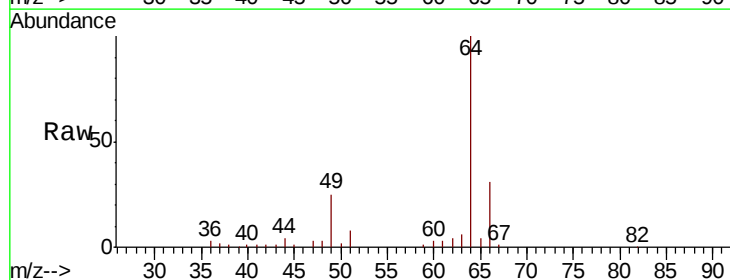
Acq: 3 Jul 2019 9:56

Tgt Ion: 64 Resp: 94342

Ion Ratio Lower Upper

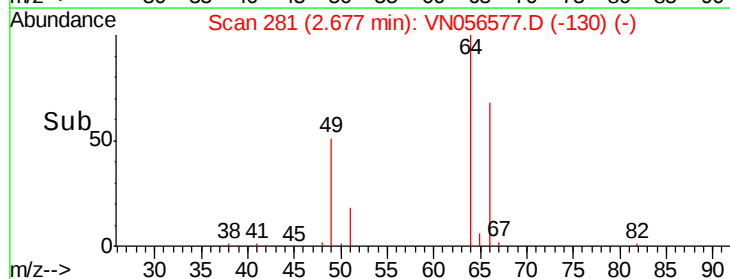
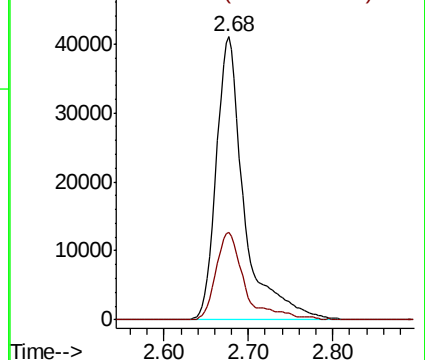
64 100

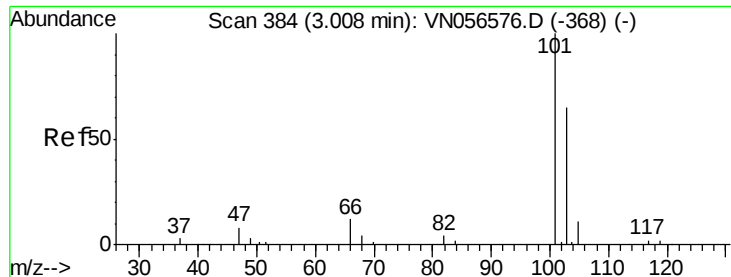
66 30.8 23.7 35.5



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



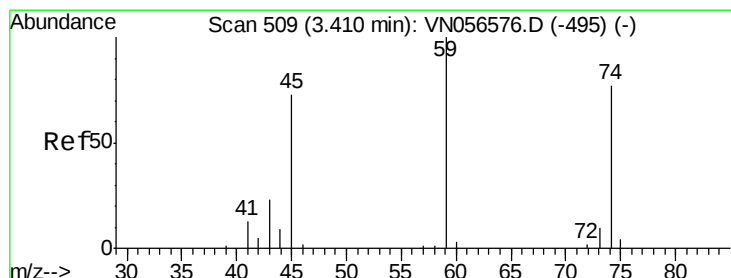
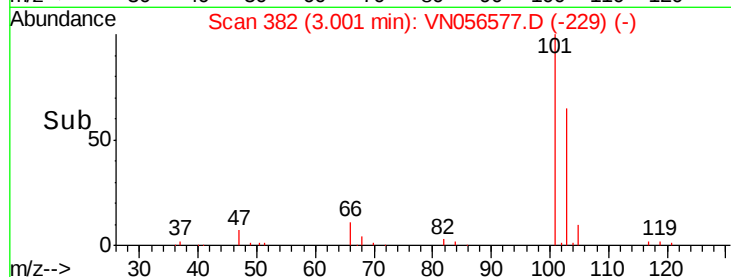
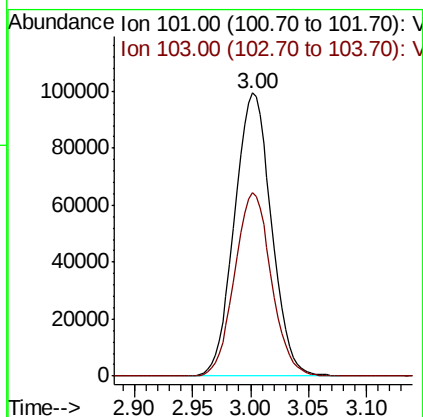
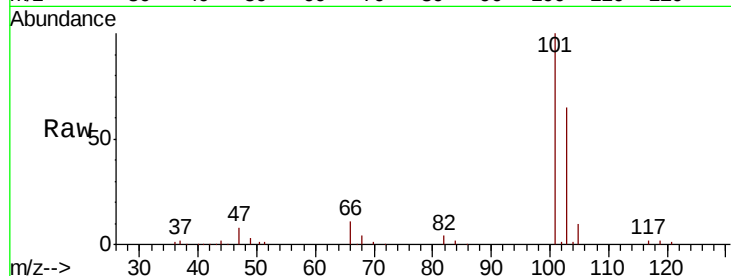


#7

Trichlorofluoromethane
 Concen: 52.906 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

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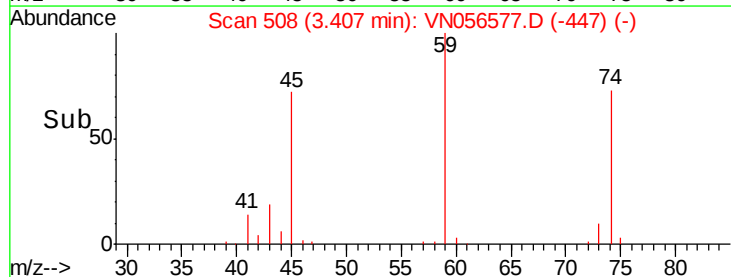
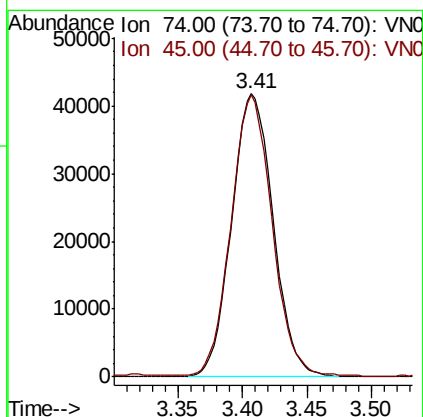
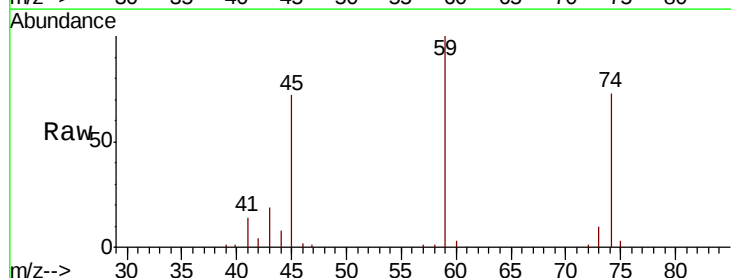
Tgt Ion: 101 Resp: 220465
 Ion Ratio Lower Upper
 101 100
 103 64.6 53.4 80.0

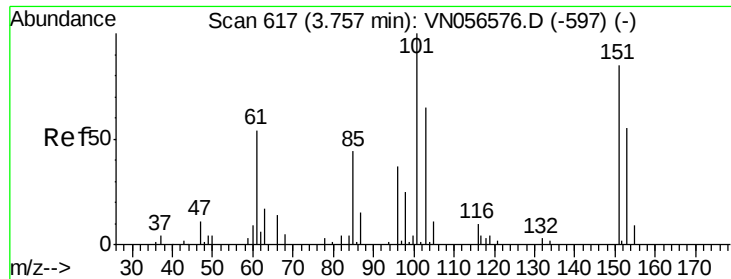


#8

Diethyl Ether
 Concen: 52.993 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Tgt Ion: 74 Resp: 93658
 Ion Ratio Lower Upper
 74 100
 45 96.4 18.8 169.6

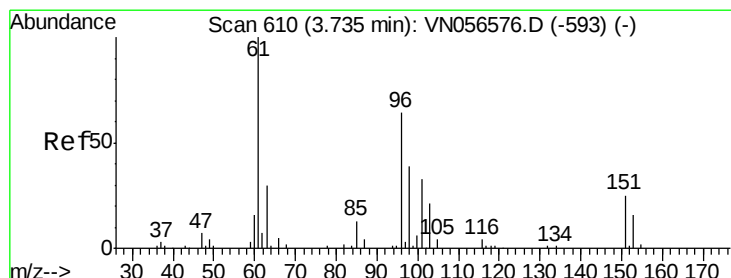
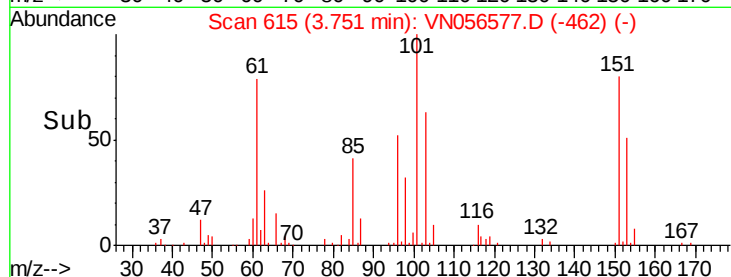
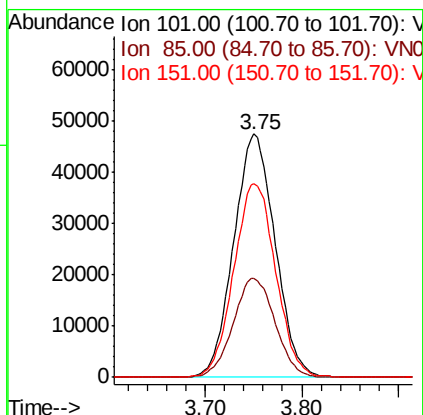
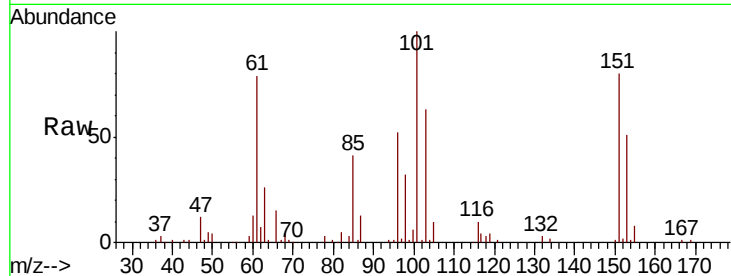




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 54.771 ug/l
 RT: 3.75 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

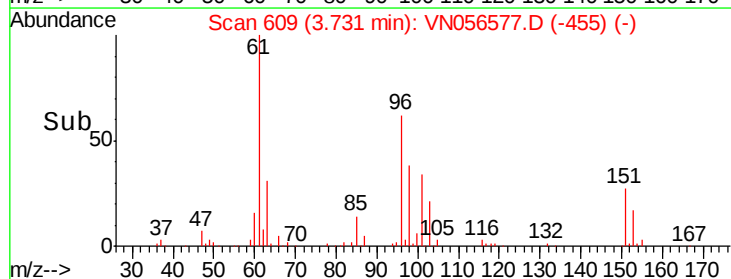
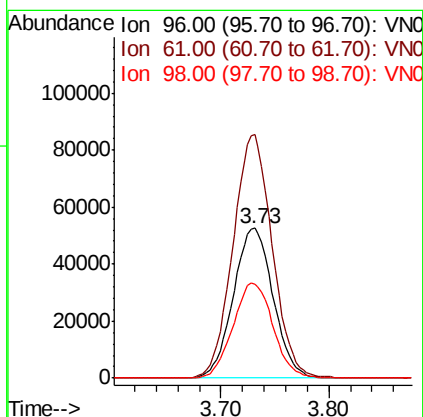
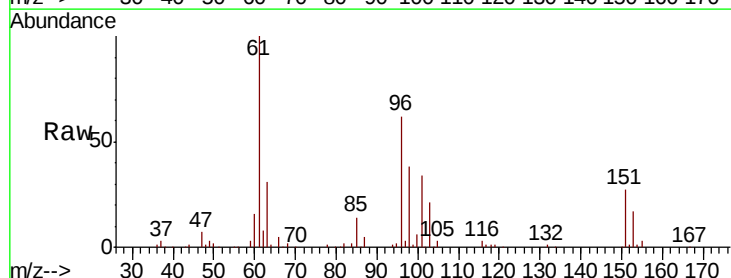
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

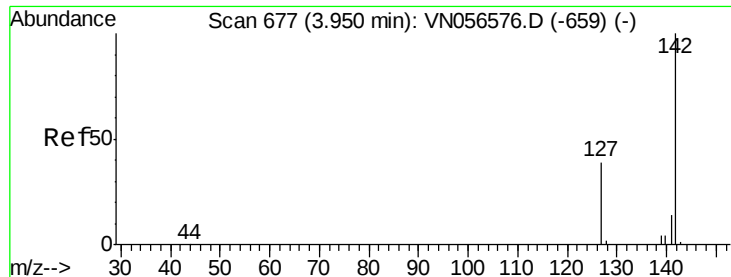
Tgt Ion: 101 Resp: 140887
 Ion Ratio Lower Upper
 101 100
 85 41.1 0.0 82.0
 151 80.6 0.0 177.0



#10
 1,1-Dichloroethene
 Concen: 51.442 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Tgt Ion: 96 Resp: 134982
 Ion Ratio Lower Upper
 96 100
 61 162.5 119.7 179.5
 98 62.6 52.3 78.5

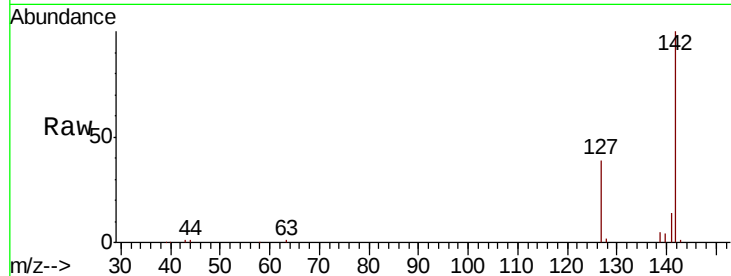




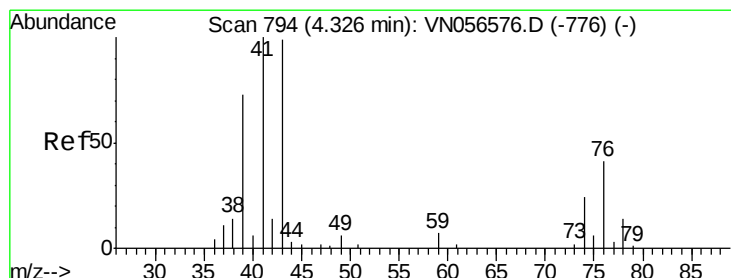
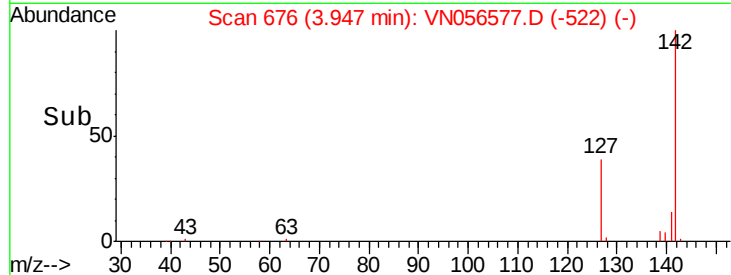
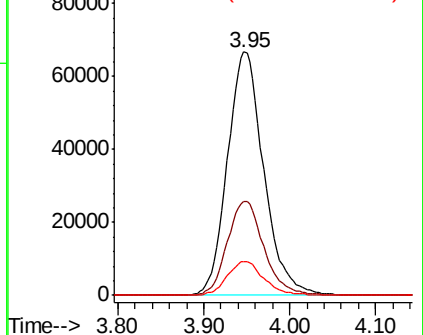
#11
Methyl Iodide
Concen: 47.250 ug/l
RT: 3.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 142 Resp: 195611
Ion Ratio Lower Upper
142 100
127 38.7 19.0 57.0
141 14.0 6.7 20.0

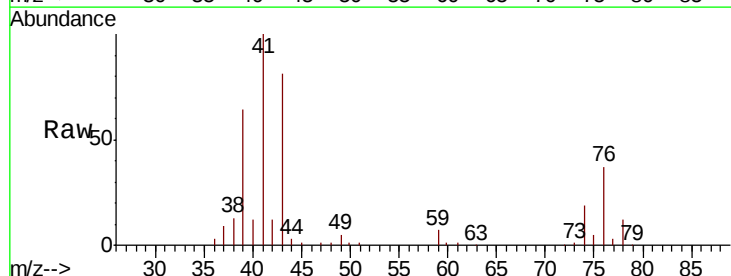


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

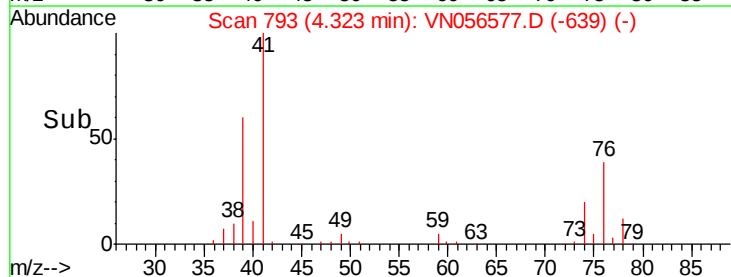
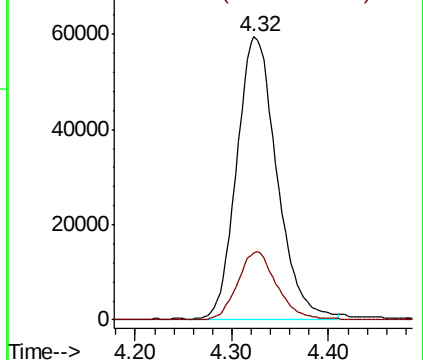


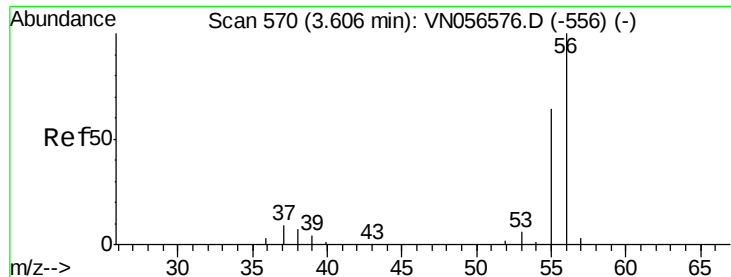
#12
Methyl Acetate
Concen: 54.073 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Tgt Ion: 43 Resp: 170500
Ion Ratio Lower Upper
43 100
74 23.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 530.354 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

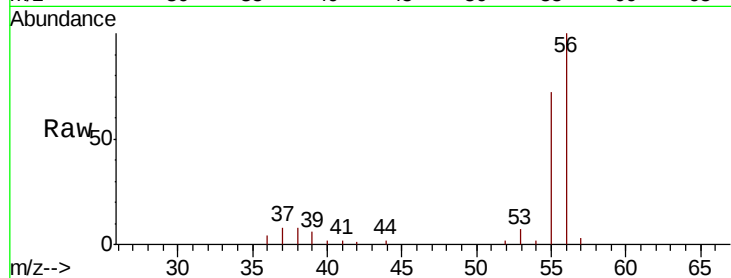
VSTDIC050

Tgt Ion: 56 Resp: 81509

Ion Ratio Lower Upper

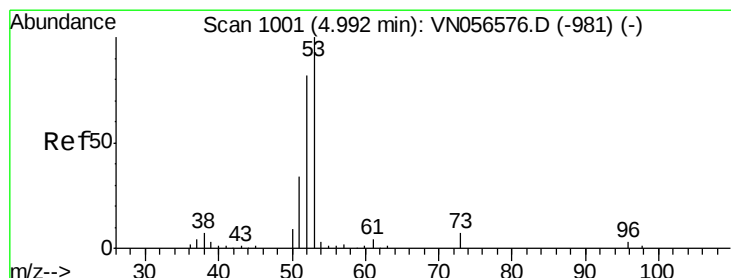
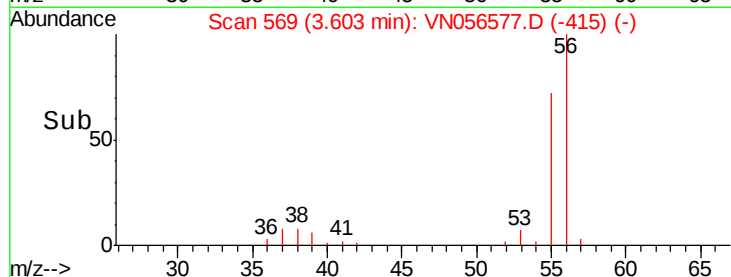
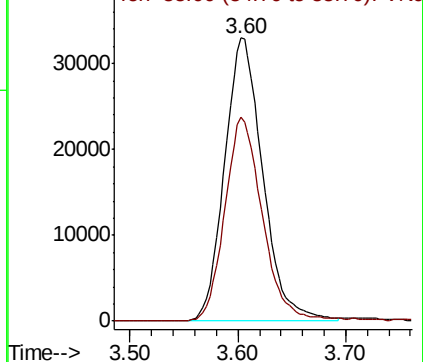
56 100

55 70.0 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 290.164 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

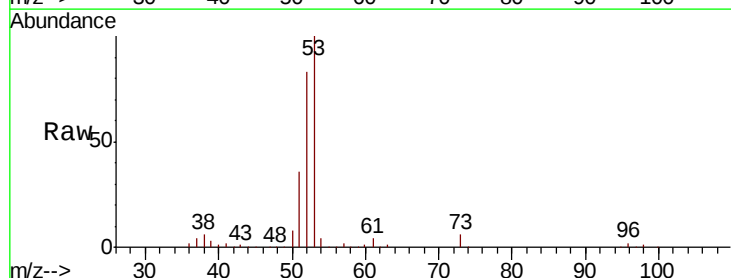
Tgt Ion: 53 Resp: 408016

Ion Ratio Lower Upper

53 100

52 82.2 40.8 122.2

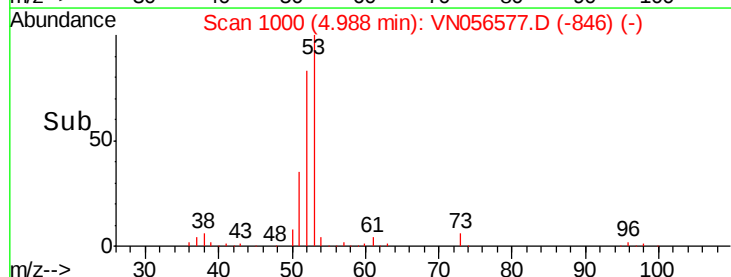
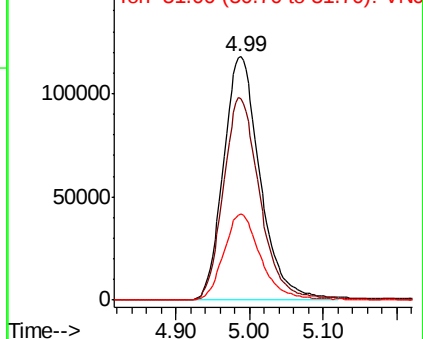
51 35.7 17.3 52.0

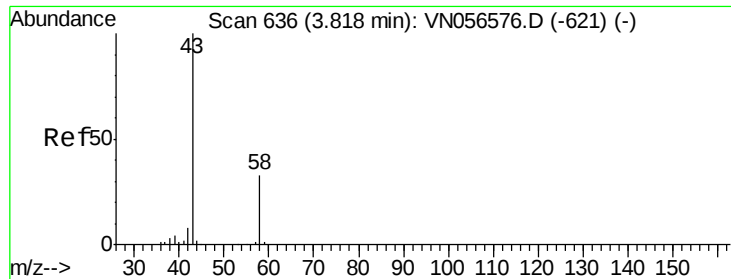


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 244.674 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

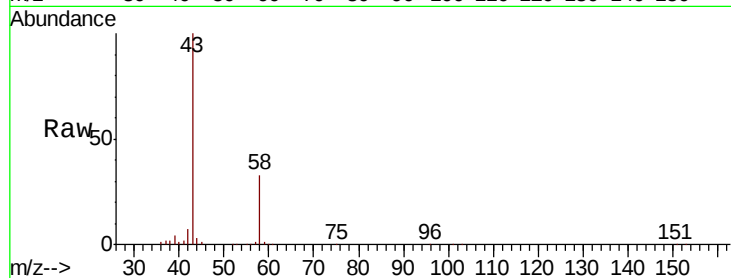
VSTDIC050

Tgt Ion: 58 Resp: 112652

Ion Ratio Lower Upper

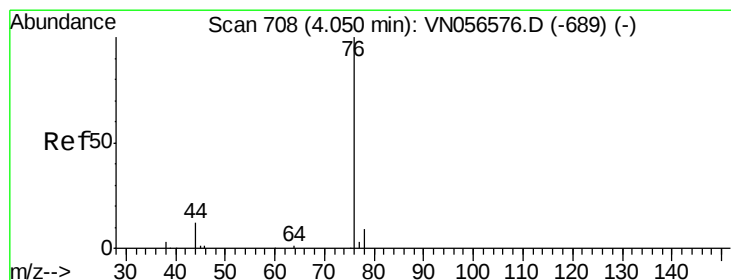
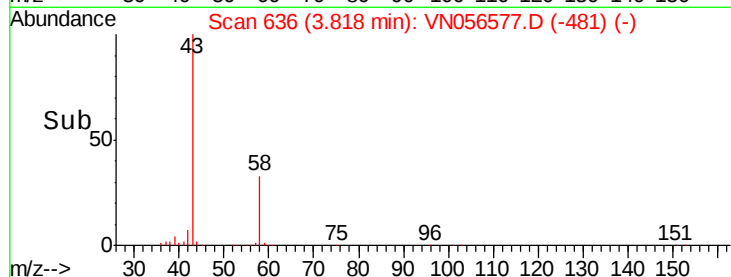
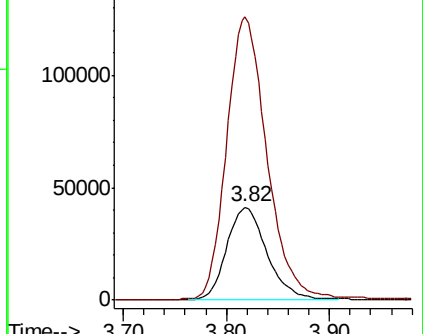
58 100

43 303.4 232.5 348.7



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 51.993 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN056577.D

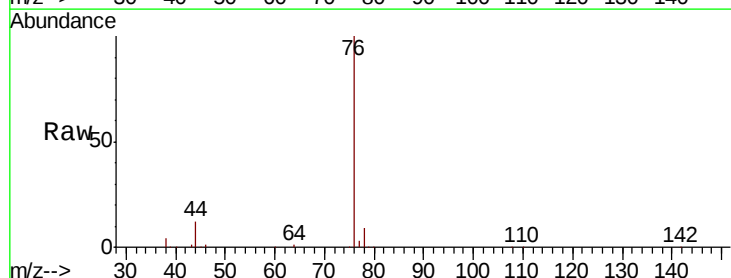
Acq: 3 Jul 2019 9:56

Tgt Ion: 76 Resp: 324616

Ion Ratio Lower Upper

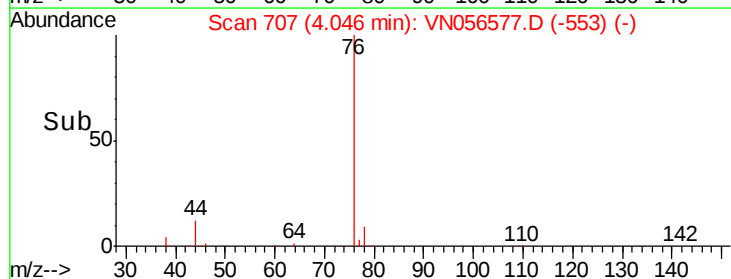
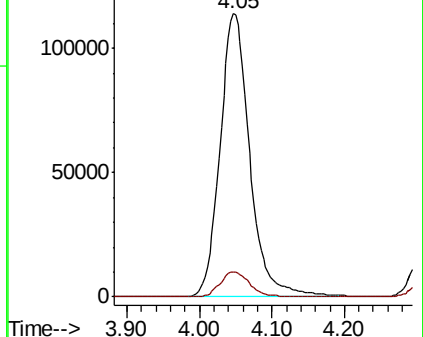
76 100

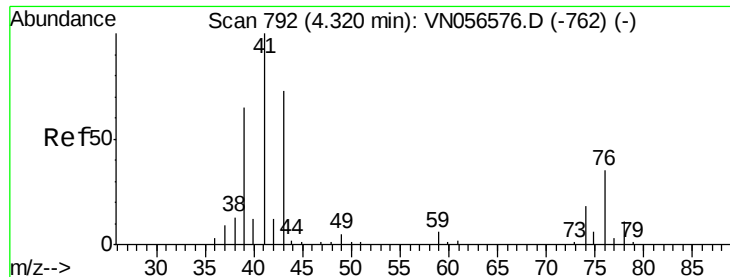
78 8.9 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

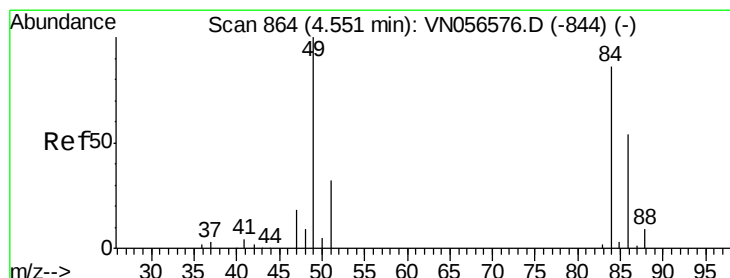
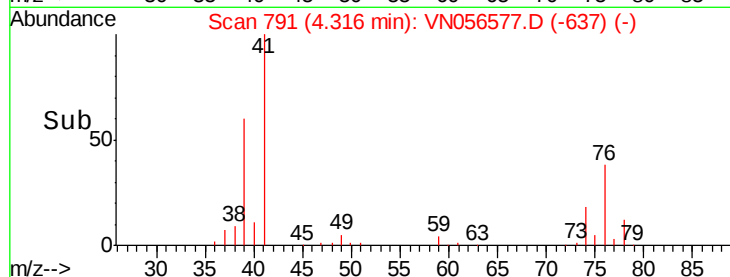
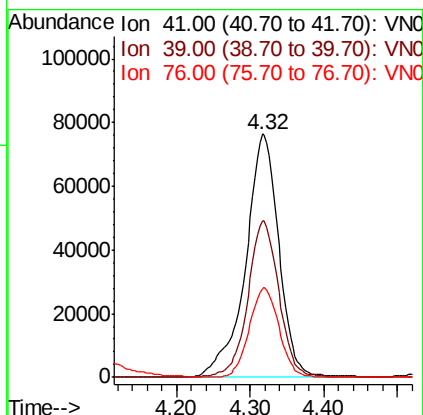
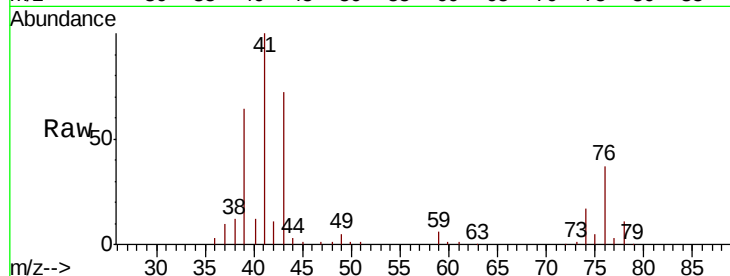




#17
 Allyl chloride
 Concen: 59.028 ug/l
 RT: 4.32 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

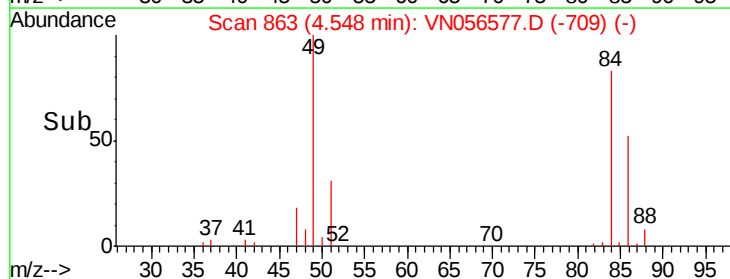
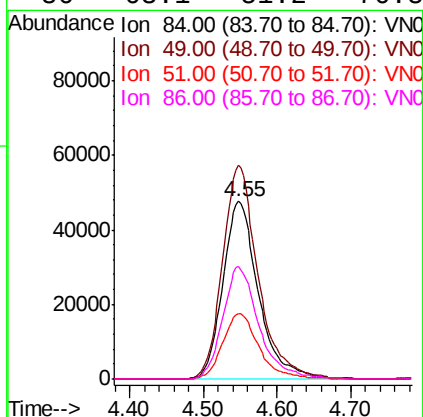
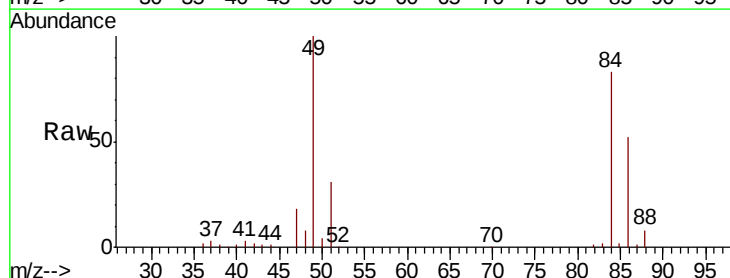
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

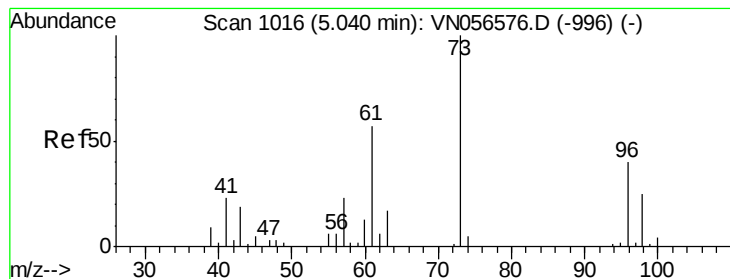
Tgt Ion: 41 Resp: 239985
 Ion Ratio Lower Upper
 41 100
 39 64.1 33.0 99.0
 76 36.6 18.9 56.9



#18
 Methylene Chloride
 Concen: 52.611 ug/l
 RT: 4.55 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Tgt Ion: 84 Resp: 159818
 Ion Ratio Lower Upper
 84 100
 49 119.8 87.6 131.4
 51 36.7 27.0 40.4
 86 63.1 51.2 76.8





#19

trans-1,2-Dichloroethene

Concen: 51.953 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

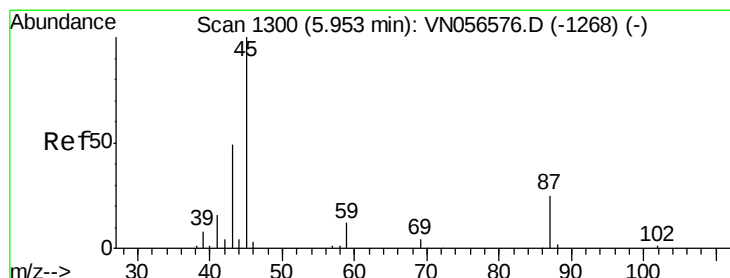
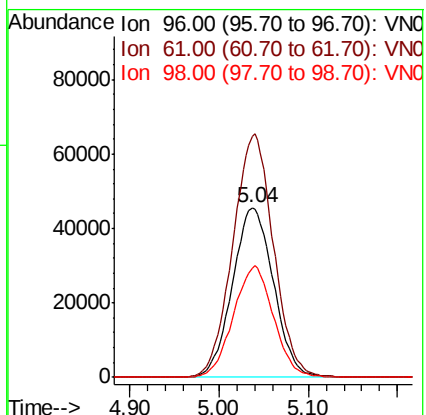
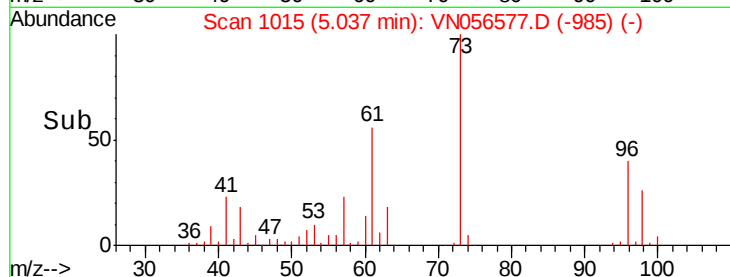
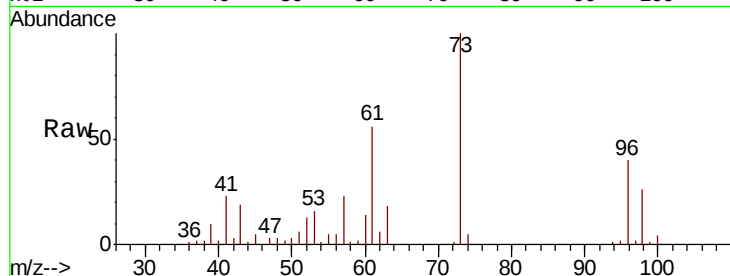
Tgt Ion: 96 Resp: 145514

Ion Ratio Lower Upper

96 100

61 141.4 102.5 153.7

98 64.6 46.9 70.3



#20

Diisopropyl ether

Concen: 59.249 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Tgt Ion: 45 Resp: 499075

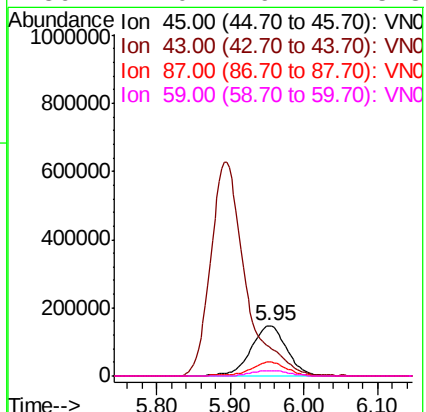
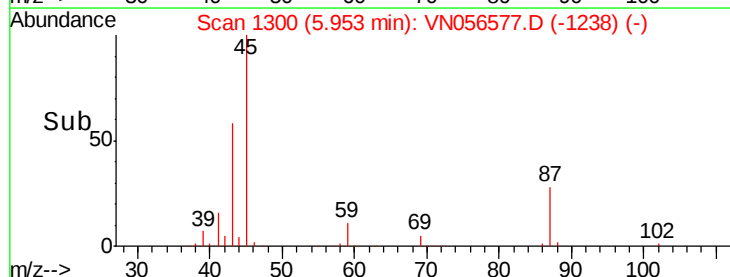
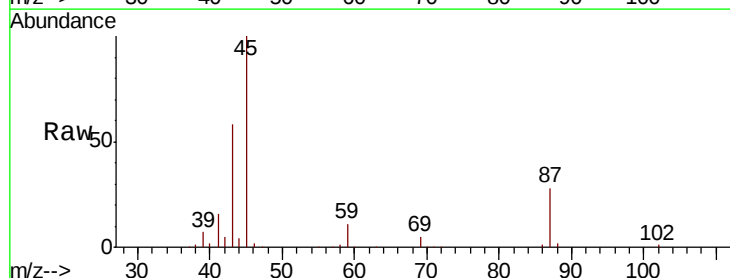
Ion Ratio Lower Upper

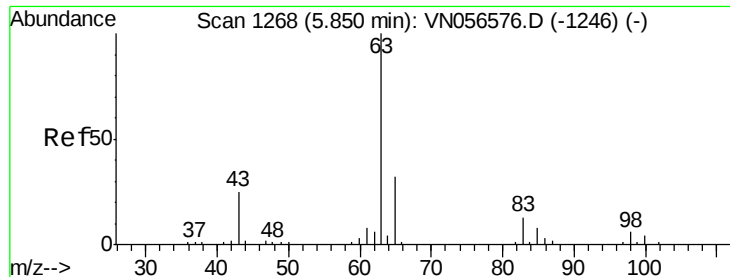
45 100

43 56.7 48.0 72.0

87 27.5 23.4 35.2

59 11.0 9.2 13.8





#21

1,1-Dichloroethane

Concen: 56.572 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

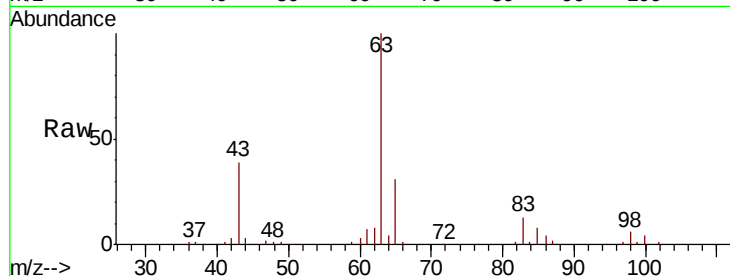
Tgt Ion: 63 Resp: 276933

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.5

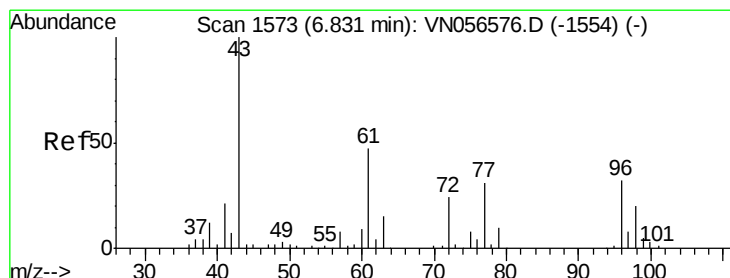
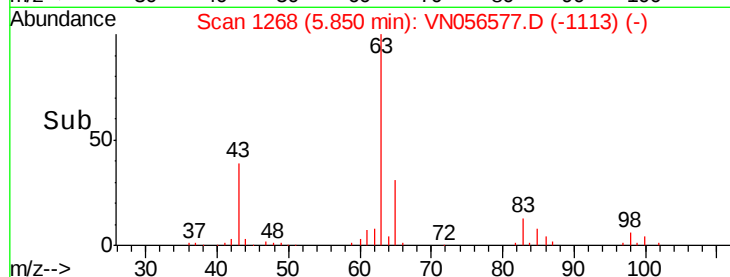
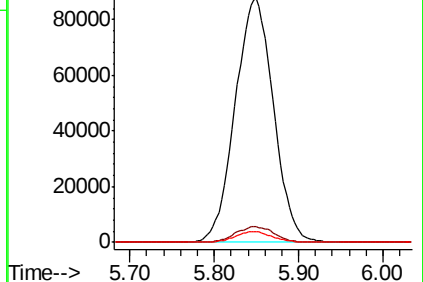
100 4.4 2.3 6.9



Abundance Ion 63.00 (62.70 to 63.70): VN056577.D (-1113) (-)

Ion 98.00 (97.70 to 98.70): VN056577.D (-1113) (-)

Ion 100.00 (99.70 to 100.70): VN056577.D (-1113) (-)



#22

cis-1,2-Dichloroethene

Concen: 53.020 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

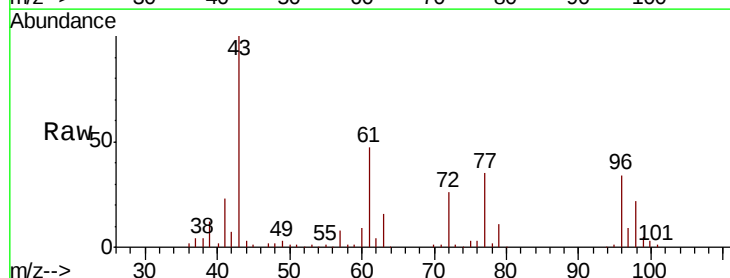
Tgt Ion: 96 Resp: 173330

Ion Ratio Lower Upper

96 100

61 141.0 105.7 158.5

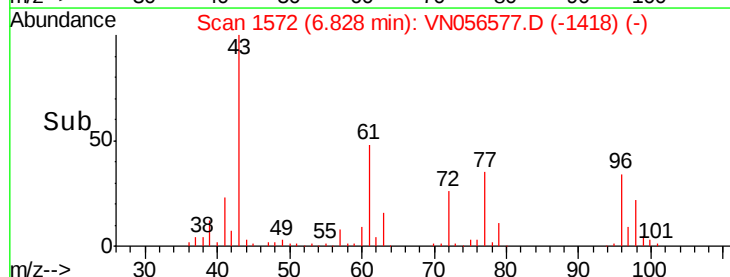
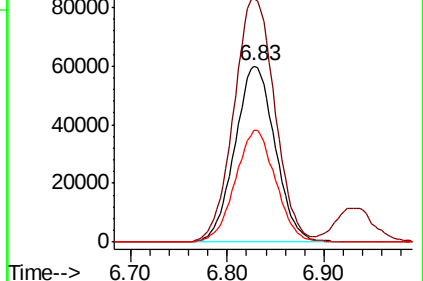
98 63.5 52.0 78.0

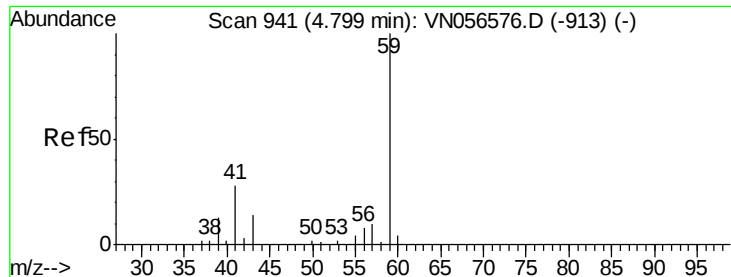


Abundance Ion 96.00 (95.70 to 96.70): VN056577.D (-1418) (-)

Ion 61.00 (60.70 to 61.70): VN056577.D (-1418) (-)

Ion 98.00 (97.70 to 98.70): VN056577.D (-1418) (-)



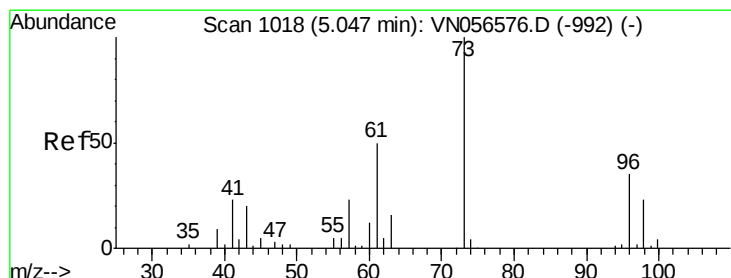
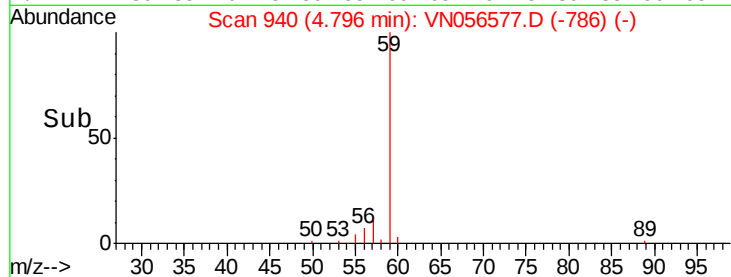
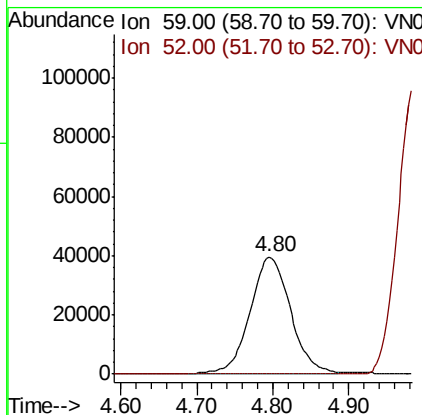
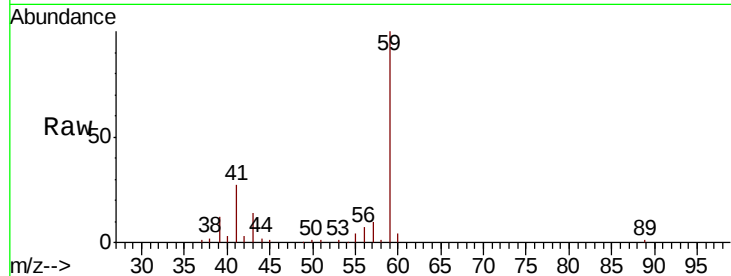


#23

tert-Butyl Alcohol
 Concen: 269.396 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

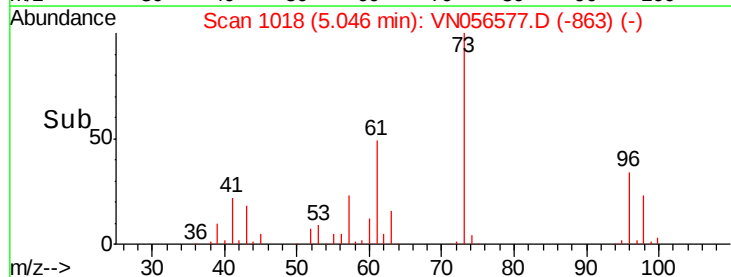
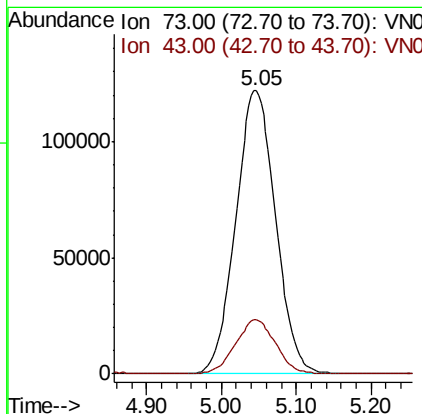
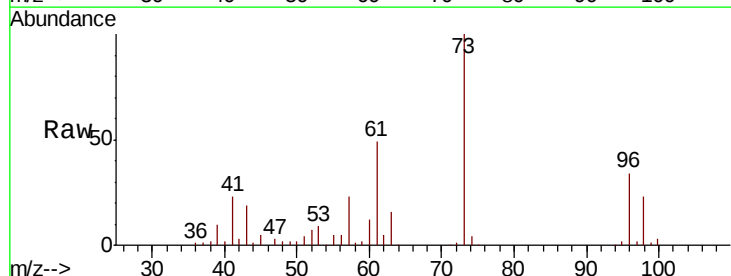
Tgt Ion: 59 Resp: 147449
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0#

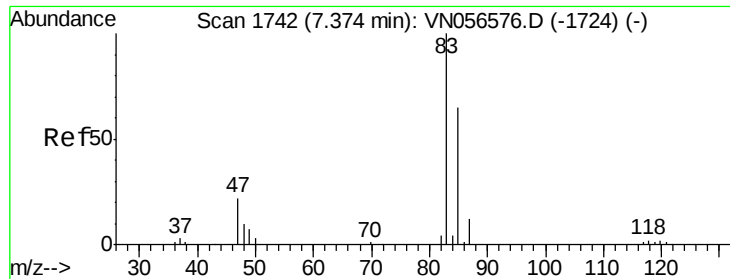


#24

Methyl tert-Butyl Ether
 Concen: 53.927 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Tgt Ion: 73 Resp: 450964
 Ion Ratio Lower Upper
 73 100
 43 18.7 15.4 23.0

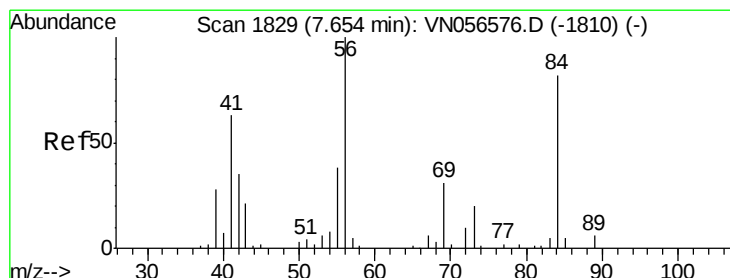
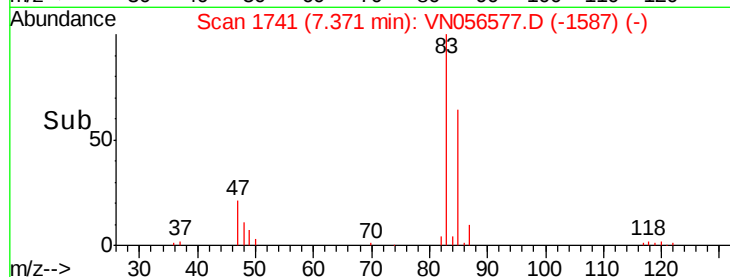
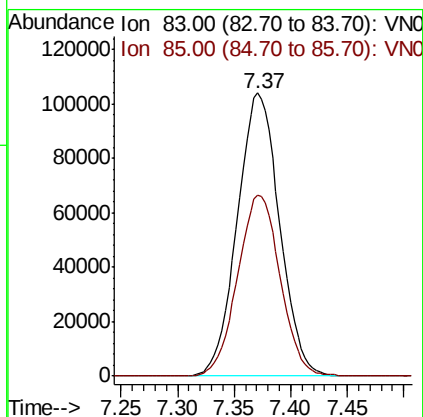
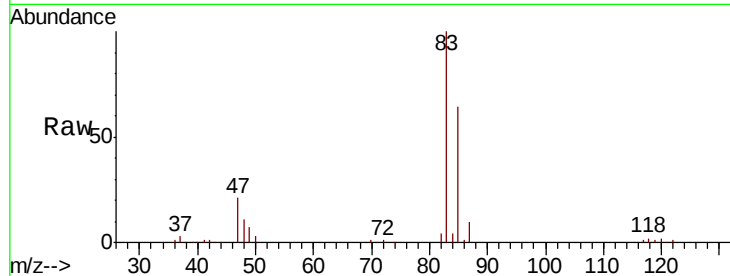




#25
Chloroform
Concen: 55.218 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

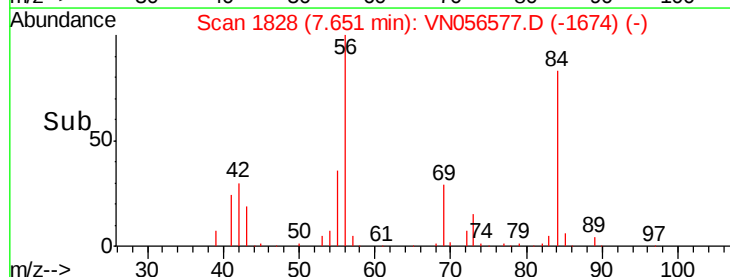
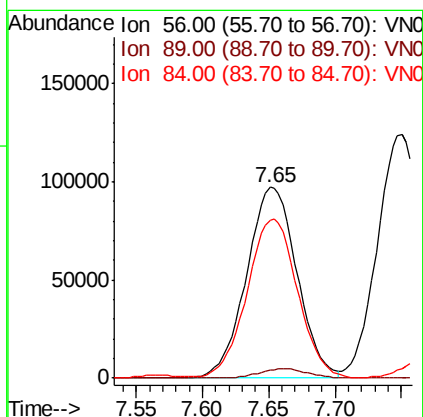
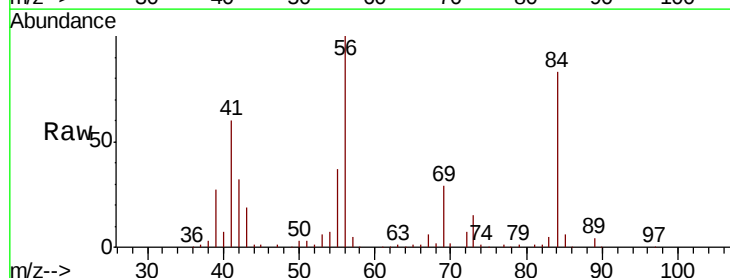
Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

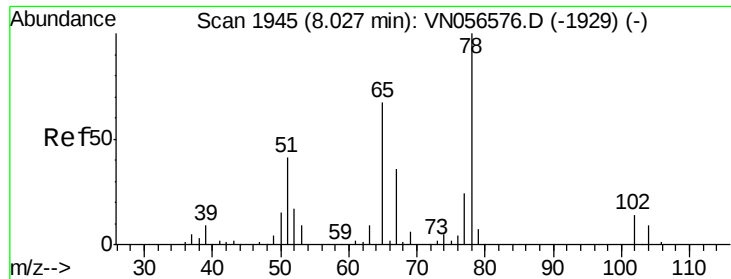
Tgt Ion: 83 Resp: 269915
Ion Ratio Lower Upper
83 100
85 64.0 52.0 78.0



#26
Cyclohexane
Concen: 56.720 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Tgt Ion: 56 Resp: 257598
Ion Ratio Lower Upper
56 100
89 4.7 0.0 0.0#
84 83.0 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 33.561 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

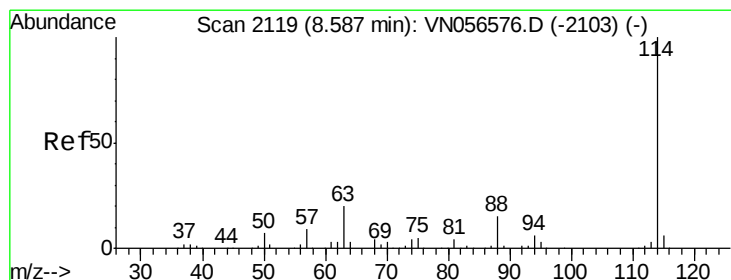
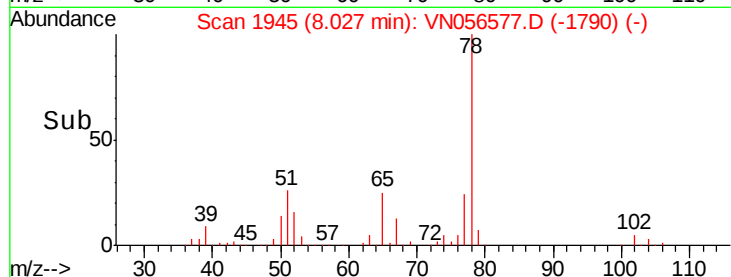
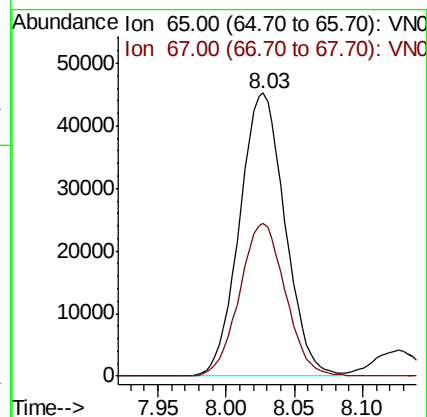
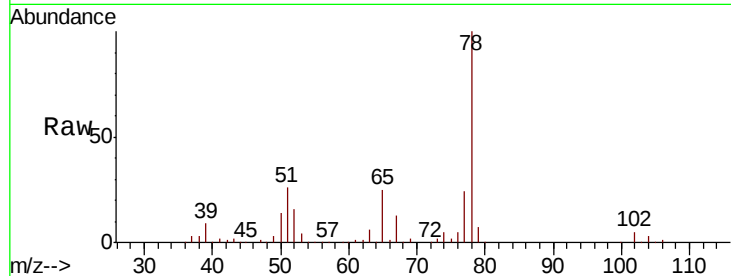
VSTDIC050

Tgt Ion: 65 Resp: 104763

Ion Ratio Lower Upper

65 100

67 54.4 43.4 65.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

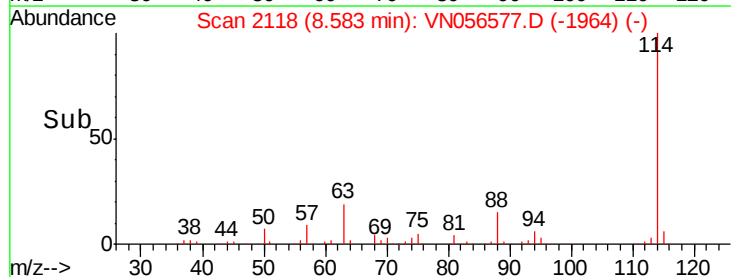
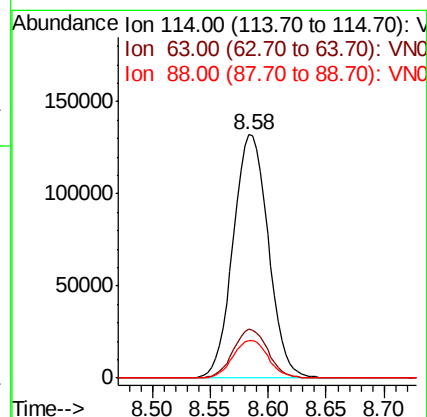
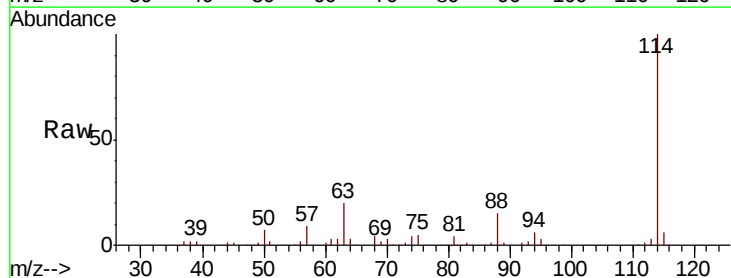
Tgt Ion: 114 Resp: 279107

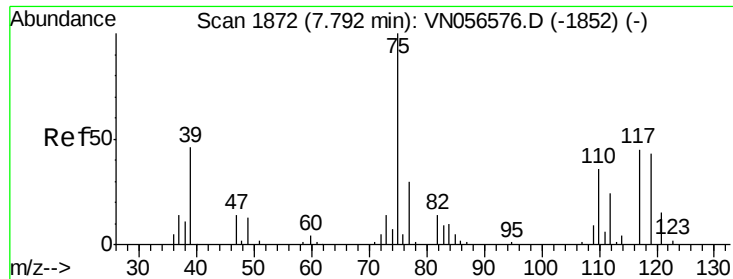
Ion Ratio Lower Upper

114 100

63 19.8 14.7 22.1

88 15.6 11.9 17.9

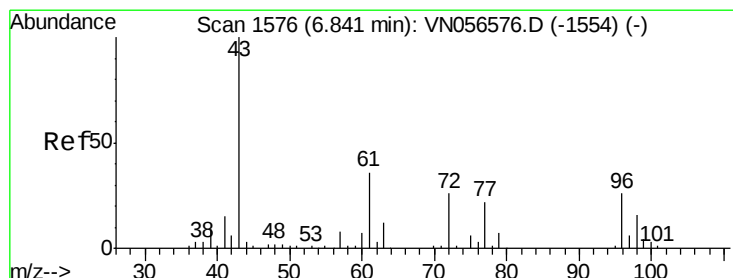
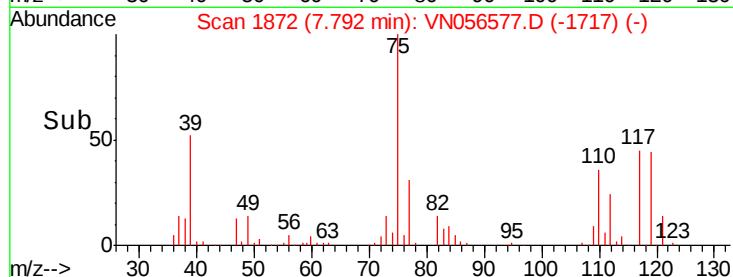
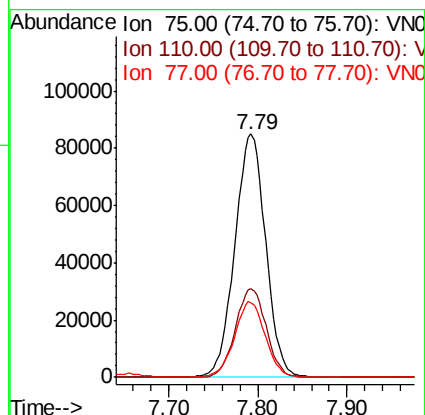
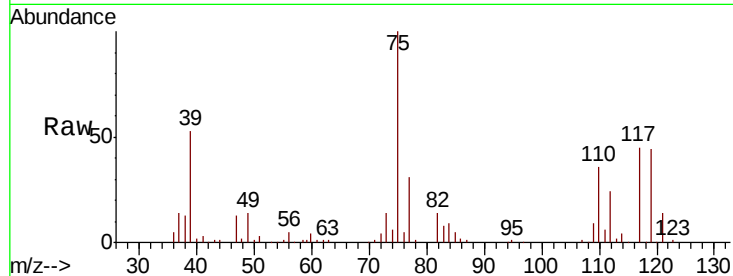




#29
 1,1-Dichloropropene
 Concen: 54.163 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

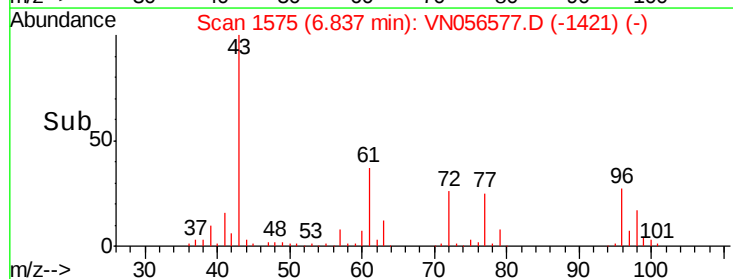
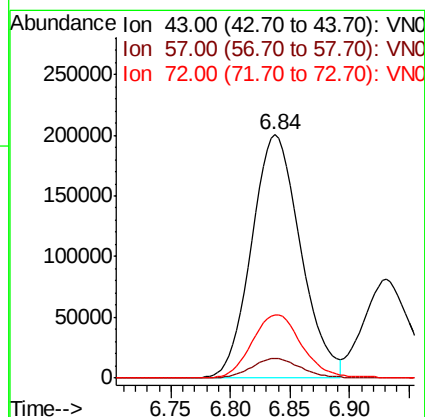
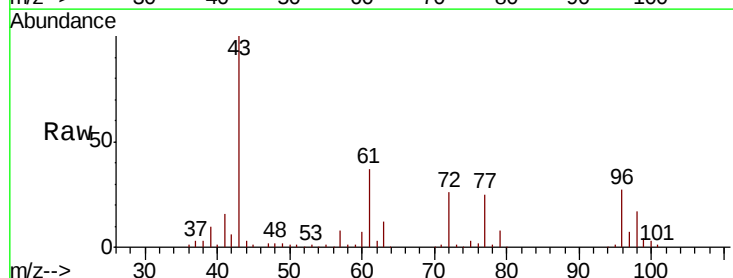
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC050

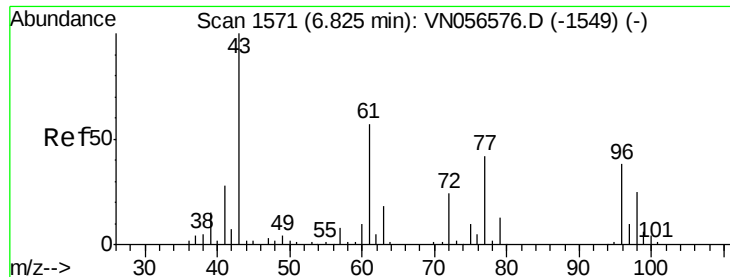
Tgt Ion: 75 Resp: 204488
 Ion Ratio Lower Upper
 75 100
 110 36.2 0.0 77.0
 77 31.0 0.0 62.4



#30
 2-Butanone
 Concen: 286.721 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Tgt Ion: 43 Resp: 569873
 Ion Ratio Lower Upper
 43 100
 57 8.2 6.7 10.1
 72 26.6 22.4 33.6





#31

2,2-Dichloropropane

Concen: 55.379 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

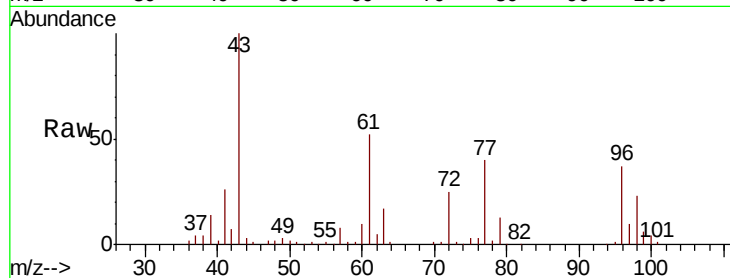
VSTDIC050

Tgt Ion: 77 Resp: 194501

Ion Ratio Lower Upper

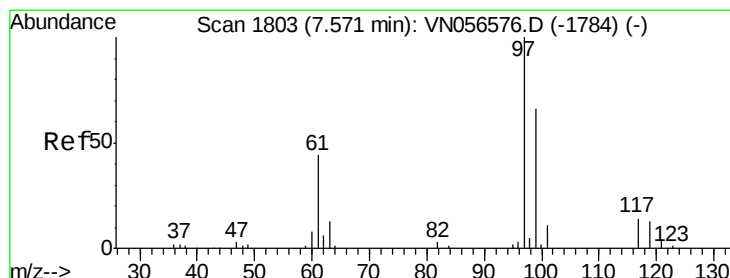
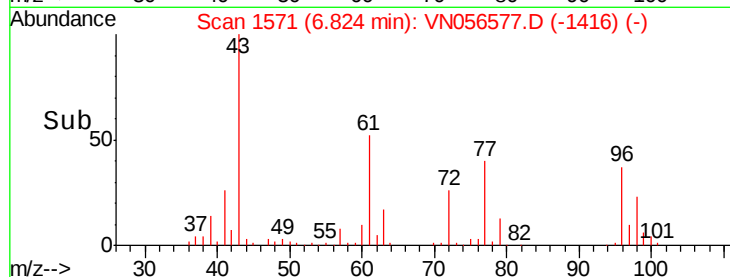
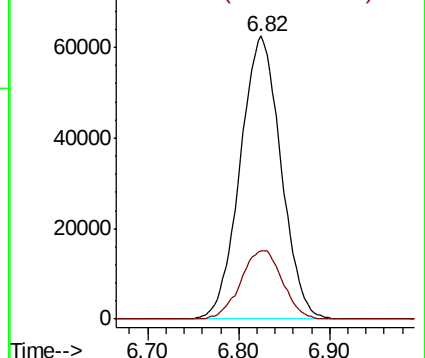
77 100

97 24.7 20.8 31.2



Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0



#32

1,1,1-Trichloroethane

Concen: 52.691 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

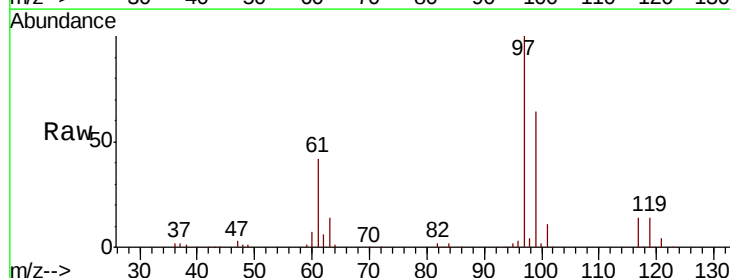
Tgt Ion: 97 Resp: 219786

Ion Ratio Lower Upper

97 100

99 64.8 51.5 77.3

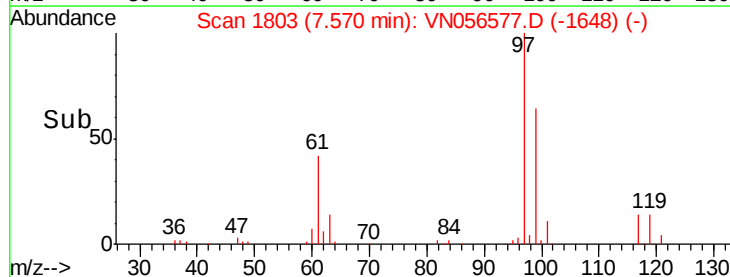
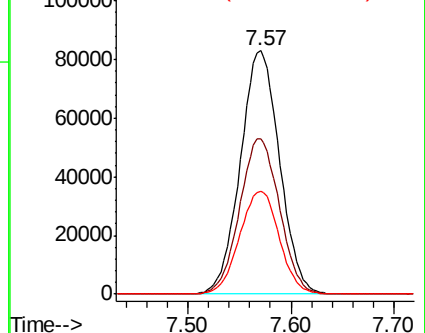
61 42.8 32.9 49.3

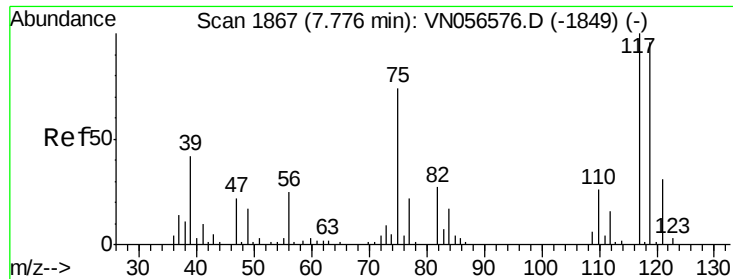


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

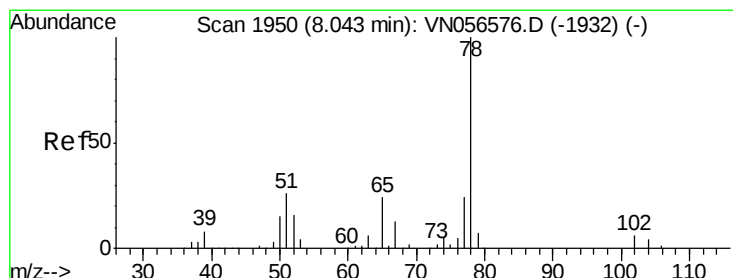
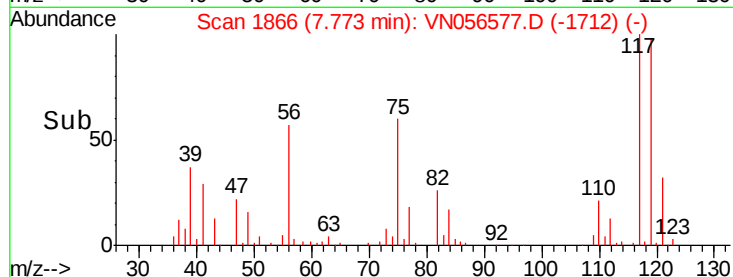
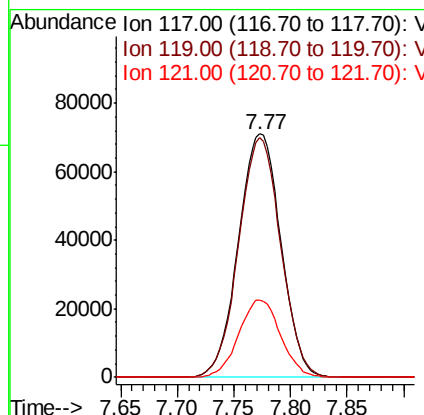
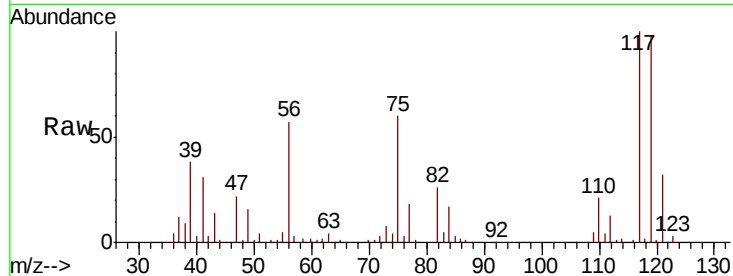




#33
Carbon Tetrachloride
Concen: 52.567 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

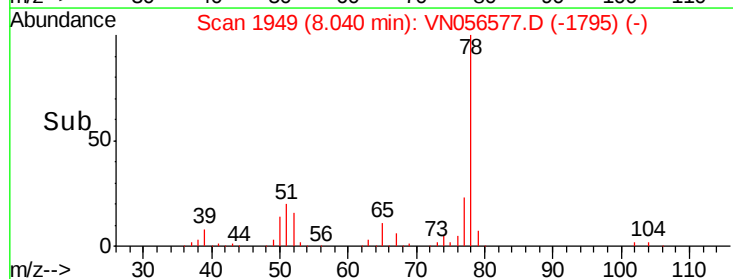
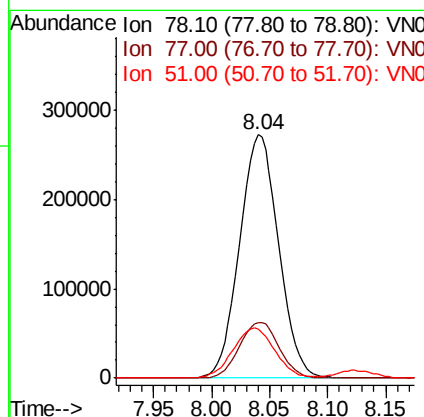
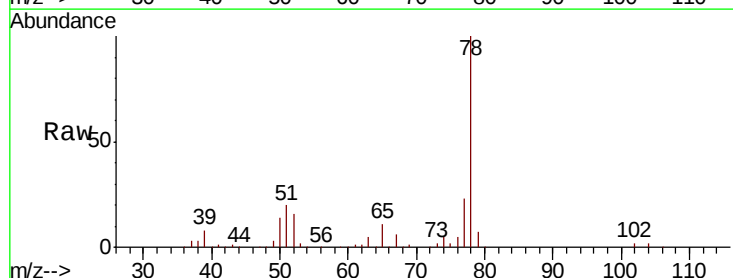
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

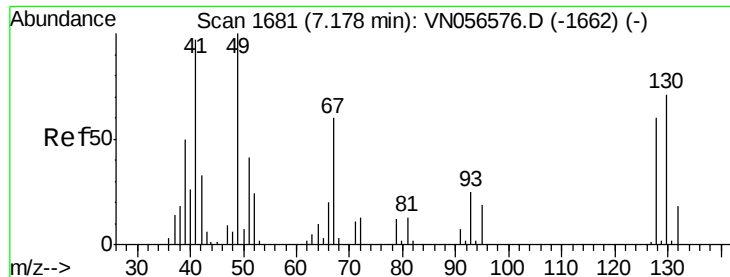
Tgt Ion: 117 Resp: 185770
Ion Ratio Lower Upper
117 100
119 98.3 77.3 115.9
121 31.9 25.0 37.4



#34
Benzene
Concen: 53.155 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Tgt Ion: 78 Resp: 639421
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9
51 20.0 19.8 29.8

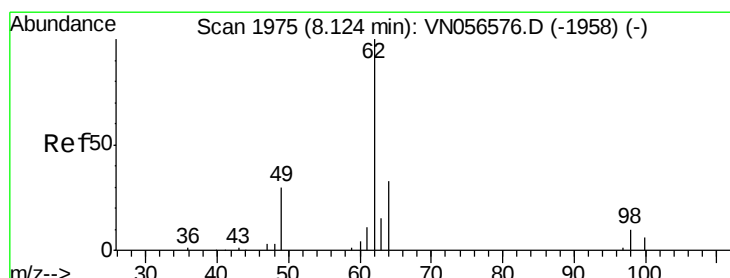
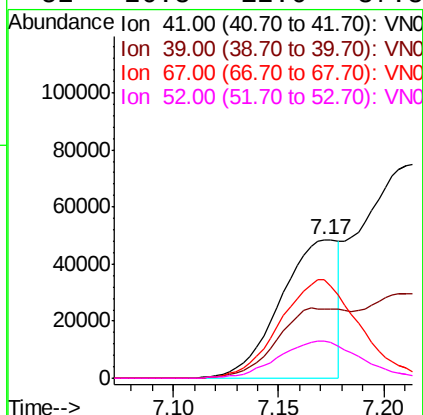
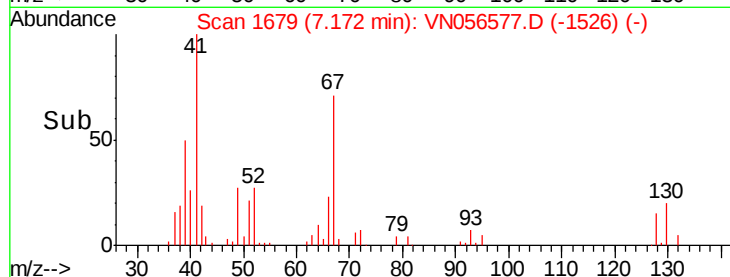
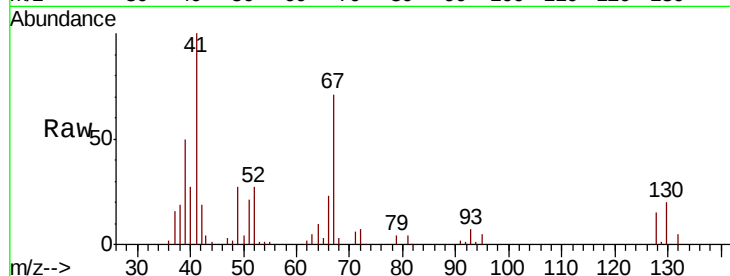




#35
Methacrylonitrile
Concen: 54.953 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

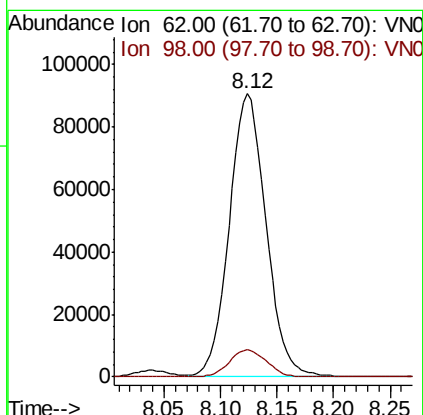
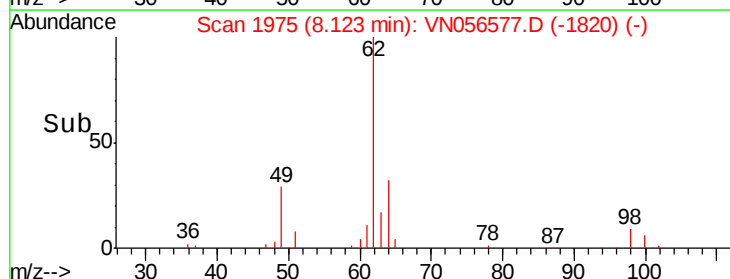
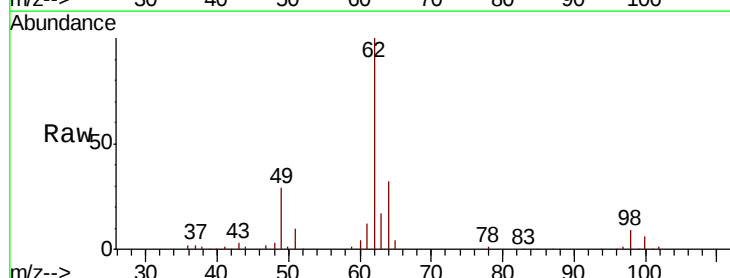
Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

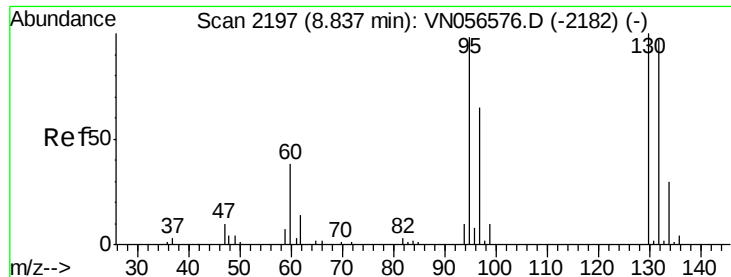
Tgt Ion:	41	Resp:	92231
Ion	Ratio	Lower	Upper
41	100		
39	49.6	24.8	74.3
67	70.9	34.3	102.9
52	26.8	12.6	37.8



#36
1,2-Dichloroethane
Concen: 54.089 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Tgt Ion:	62	Resp:	203803
Ion	Ratio	Lower	Upper
62	100		
98	9.8	8.6	13.0

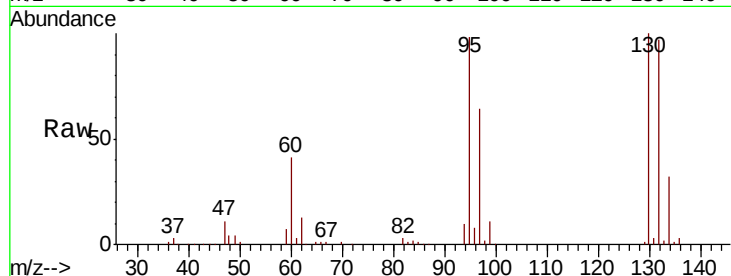




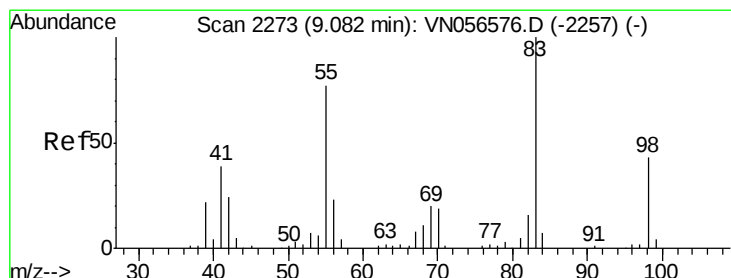
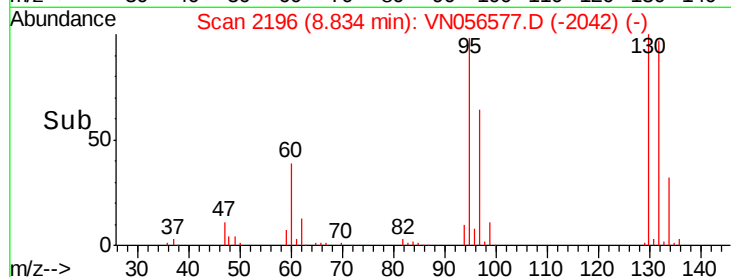
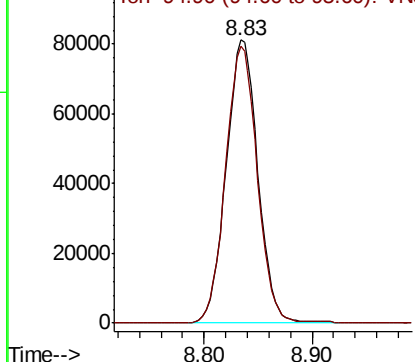
#37
 Trichloroethene
 Concen: 49.418 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 130 Resp: 166345
 Ion Ratio Lower Upper
 130 100
 95 97.7 73.0 109.6

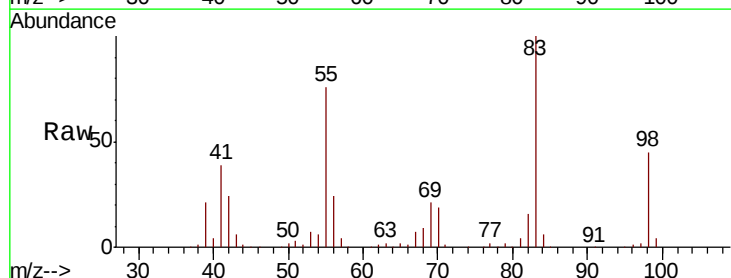


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

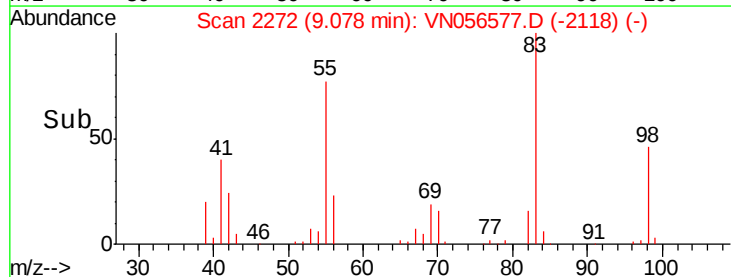
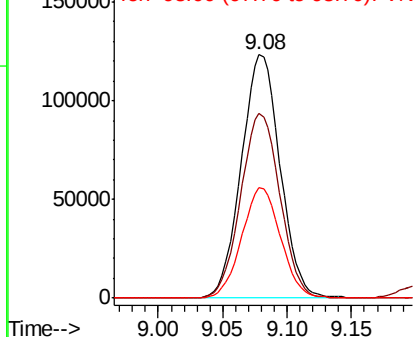


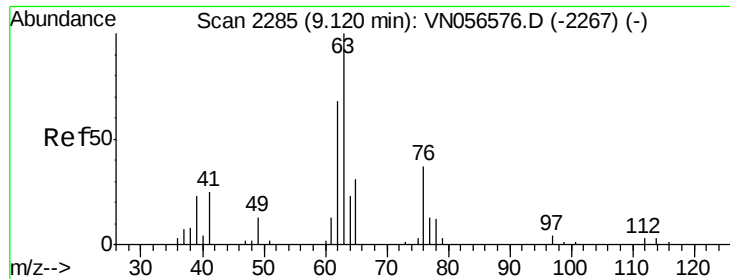
#38
 Methylcyclohexane
 Concen: 54.110 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Tgt Ion: 83 Resp: 258987
 Ion Ratio Lower Upper
 83 100
 55 76.7 37.5 112.7
 98 45.5 23.1 69.3



Abundance Ion 83.00 (82.70 to 83.70): VNO
 Ion 55.00 (54.70 to 55.70): VNO
 Ion 98.00 (97.70 to 98.70): VNO

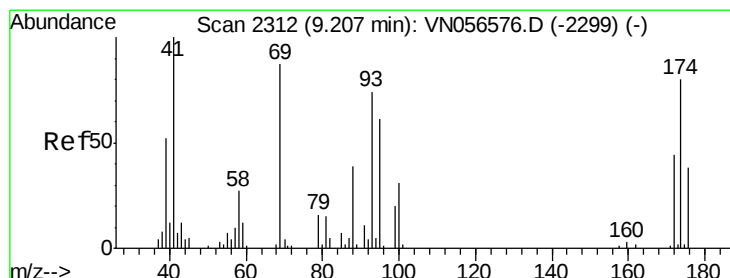
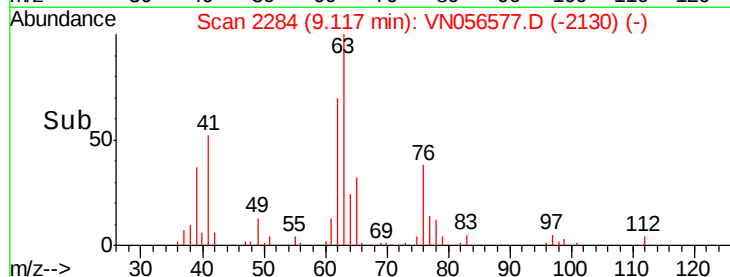
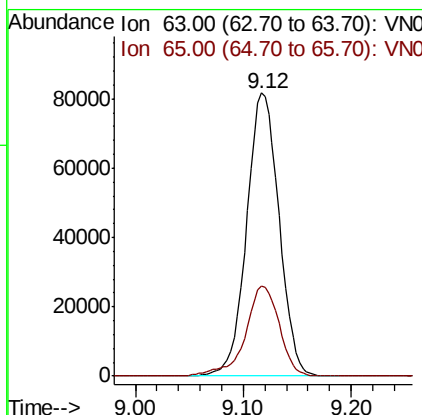
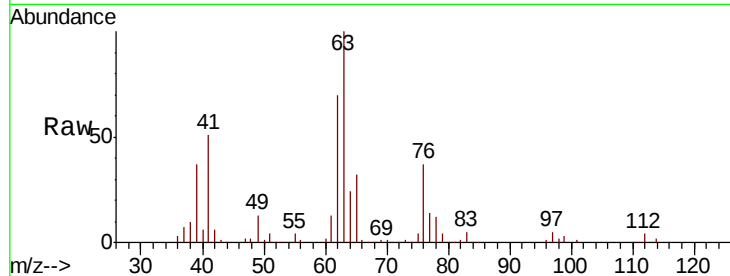




#39
 1,2-Dichloropropane
 Concen: 55.325 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

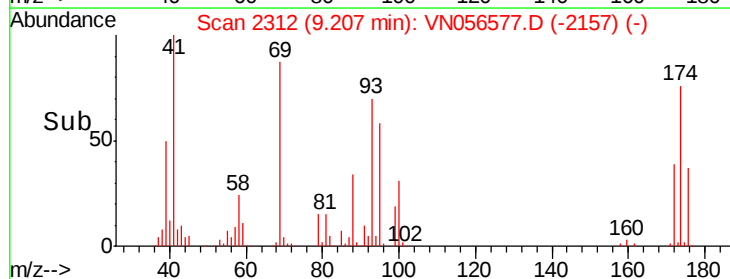
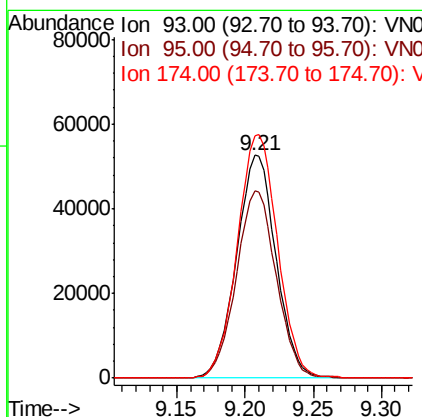
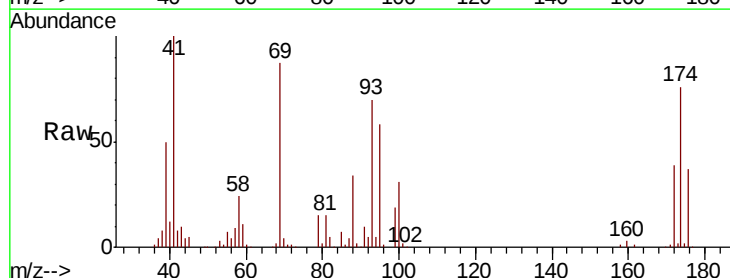
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

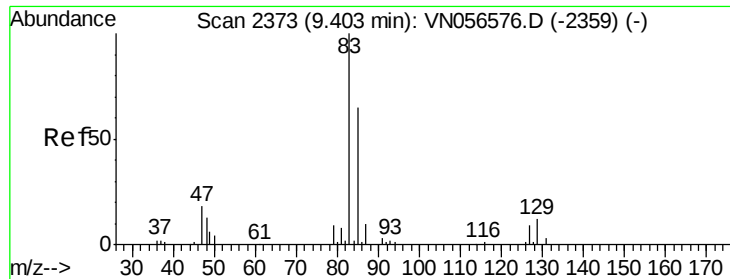
Tgt Ion: 63 Resp: 170449
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.1 34.7



#40
 Dibromomethane
 Concen: 51.985 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Tgt Ion: 93 Resp: 106192
 Ion Ratio Lower Upper
 93 100
 95 84.8 0.0 169.0
 174 111.2 0.0 246.4

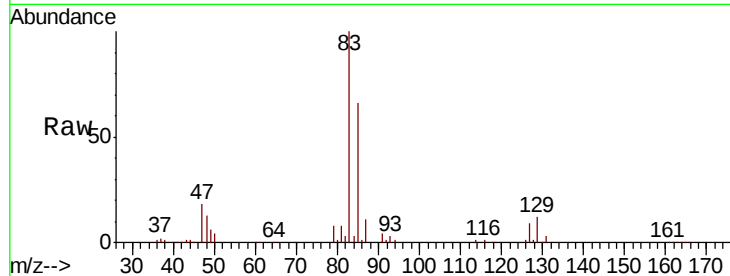




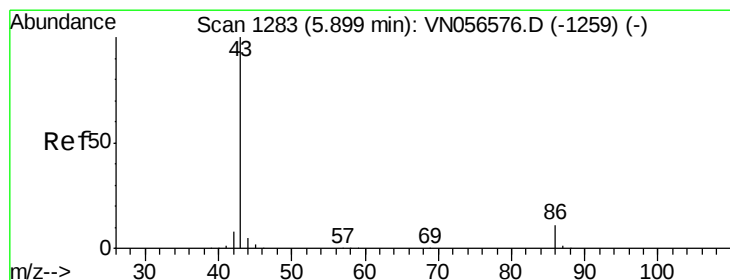
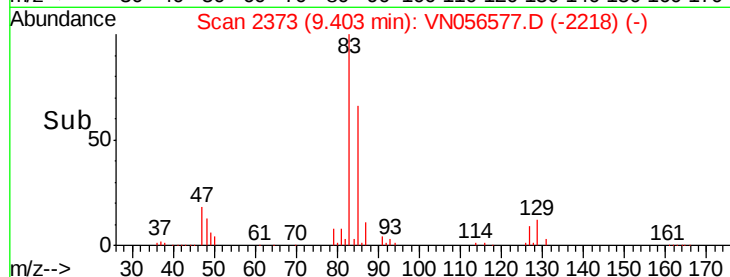
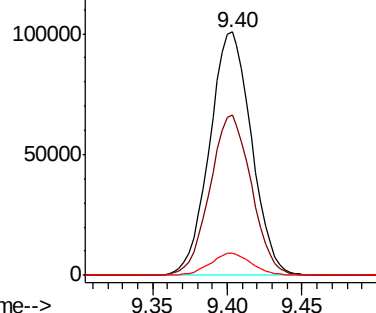
#41
Bromodichloromethane
Concen: 53.673 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 196325
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.6
127 9.2 7.3 10.9

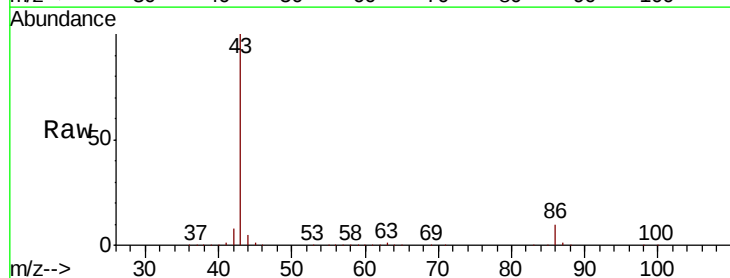


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 85.00 (84.70 to 85.70): VN0
Ion 127.00 (126.70 to 127.70): VN0

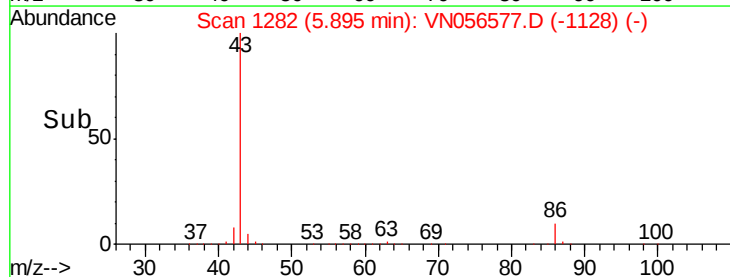
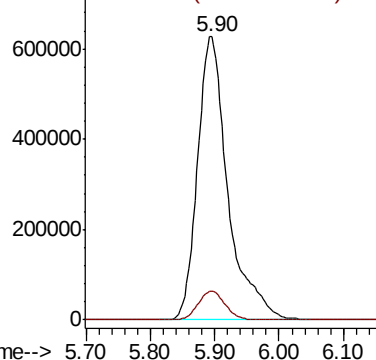


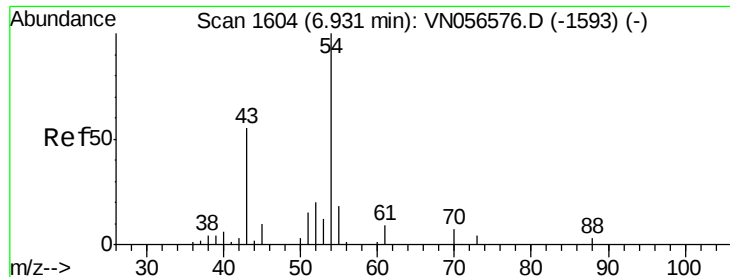
#42
Vinyl Acetate
Concen: 291.117 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Tgt Ion: 43 Resp: 2062836
Ion Ratio Lower Upper
43 100
86 9.0 7.9 11.9



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





#43

Ethyl Acetate

Concen: 57.987 ug/l

RT: 6.93 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

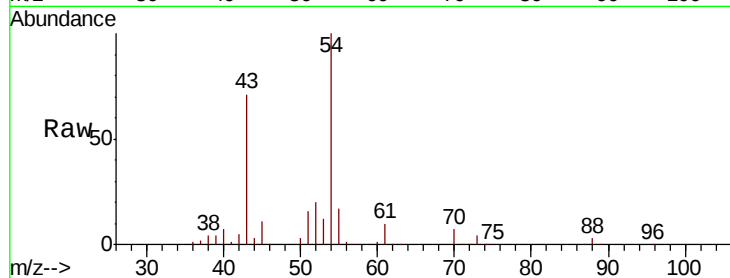
VSTDIC050

Tgt Ion: 43 Resp: 220574

Ion Ratio Lower Upper

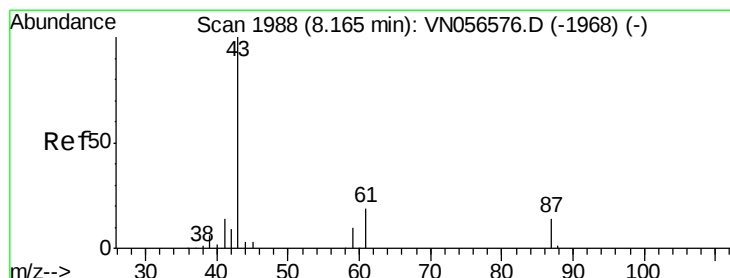
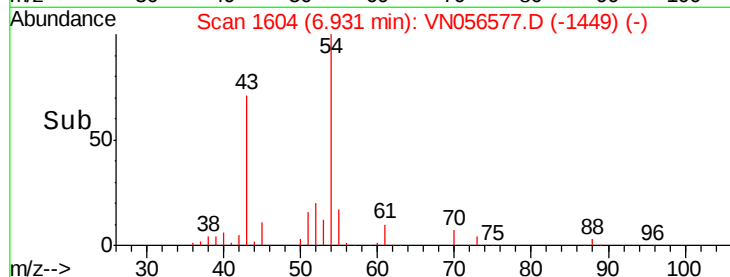
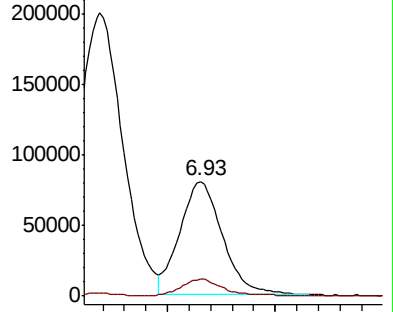
43 100

45 14.4 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 57.884 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056577.D

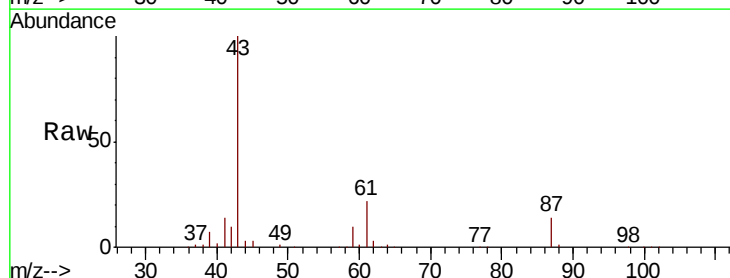
Acq: 3 Jul 2019 9:56

Tgt Ion: 43 Resp: 341871

Ion Ratio Lower Upper

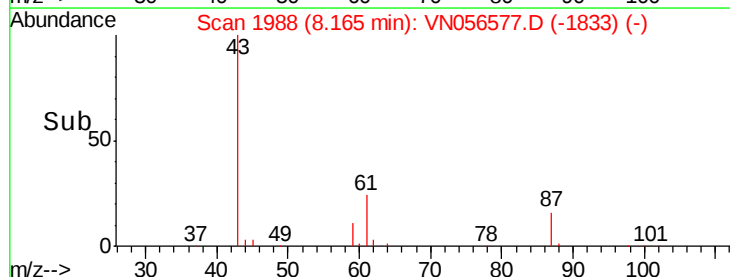
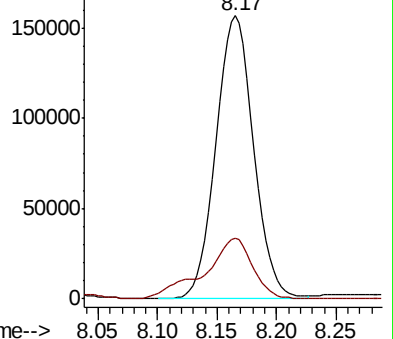
43 100

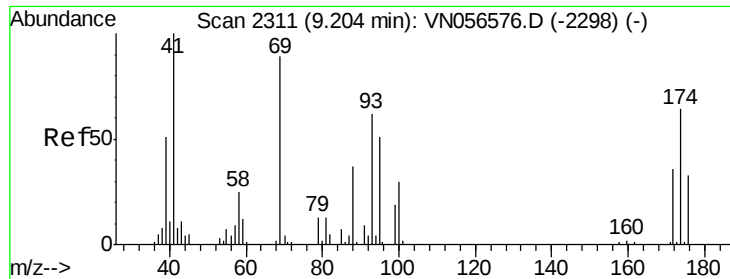
61 27.4 16.9 25.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

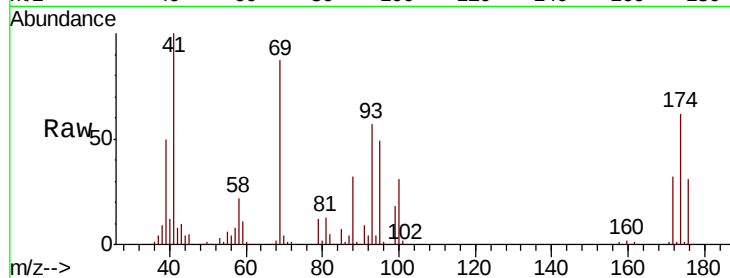




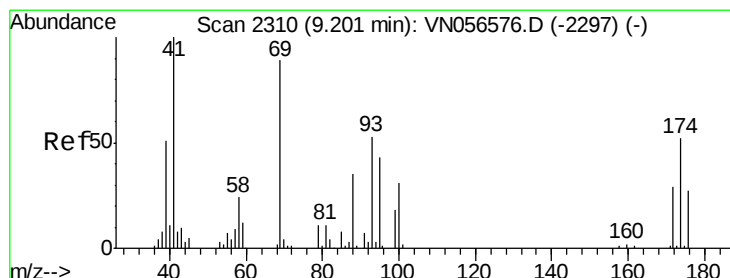
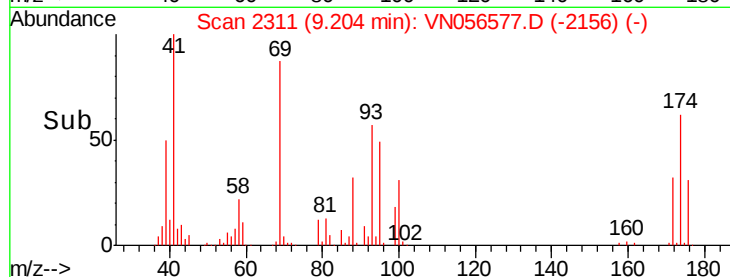
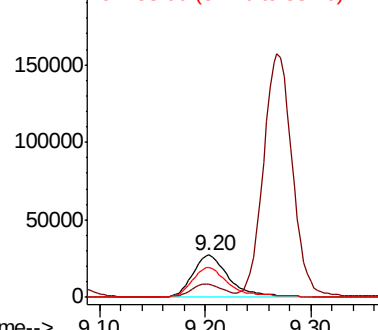
#45
1,4-Dioxane
Concen: 1045.018 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 88 Resp: 66024
Ion Ratio Lower Upper
88 100
43 26.9 19.8 29.6
58 70.4 48.5 72.7

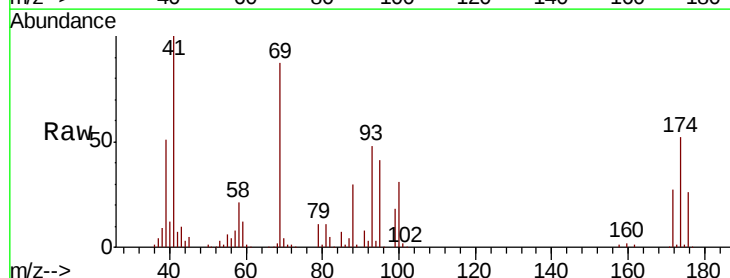


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

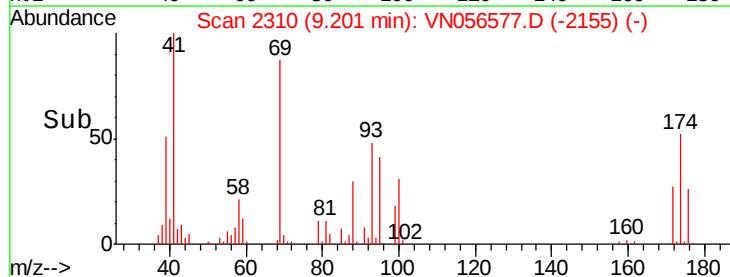
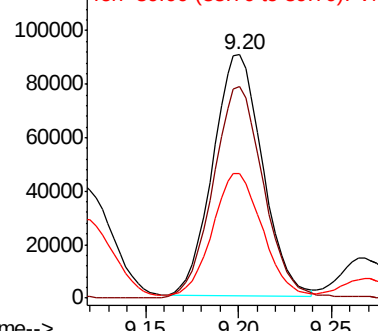


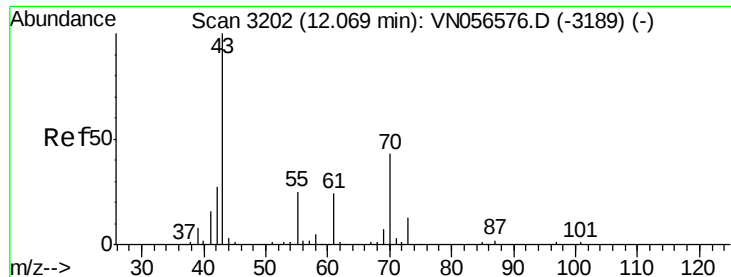
#46
Methyl methacrylate
Concen: 56.956 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Tgt Ion: 41 Resp: 167112
Ion Ratio Lower Upper
41 100
69 87.7 46.0 137.8
39 50.4 24.6 73.8



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





#47

n-amy1 Acetate

Concen: 60.240 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

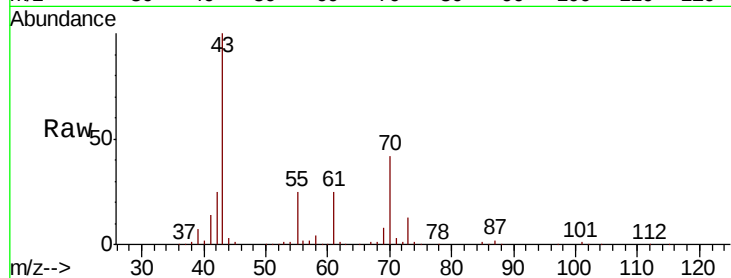
VSTDIC050

Tgt Ion: 43 Resp: 294227

Ion Ratio Lower Upper

43 100

55 25.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12.07

200000

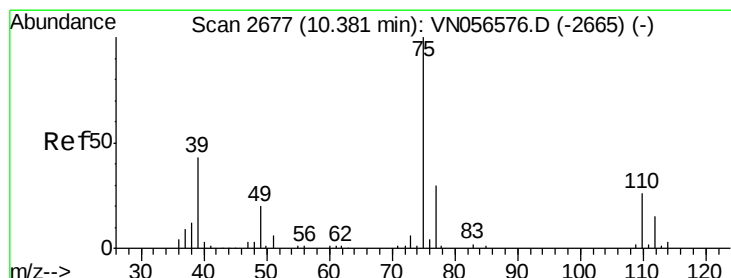
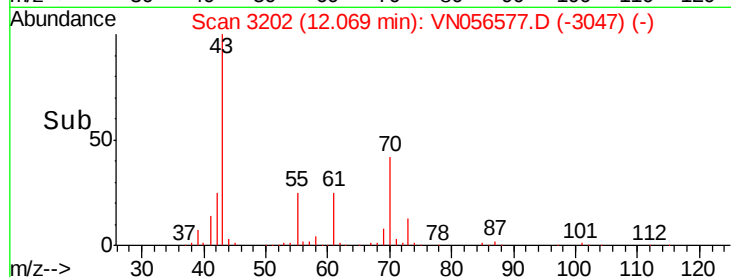
150000

100000

50000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 55.996 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056577.D

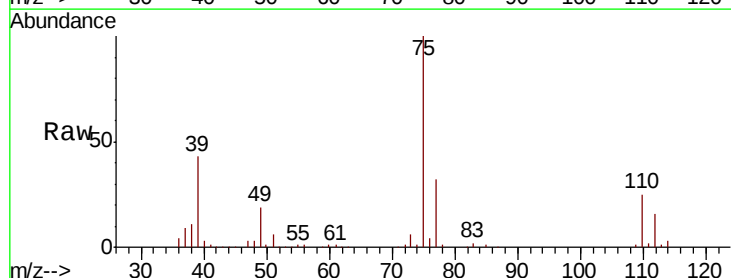
Acq: 3 Jul 2019 9:56

Tgt Ion: 75 Resp: 215555

Ion Ratio Lower Upper

75 100

77 31.6 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.38

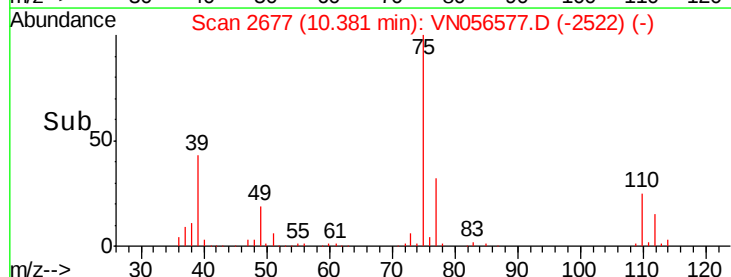
150000

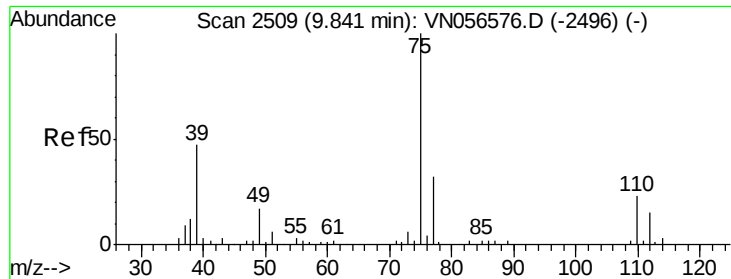
100000

50000

0

Time-->

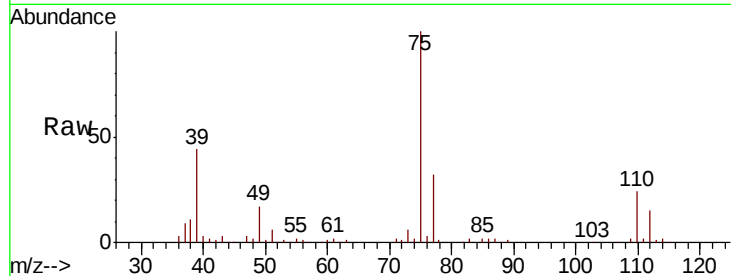




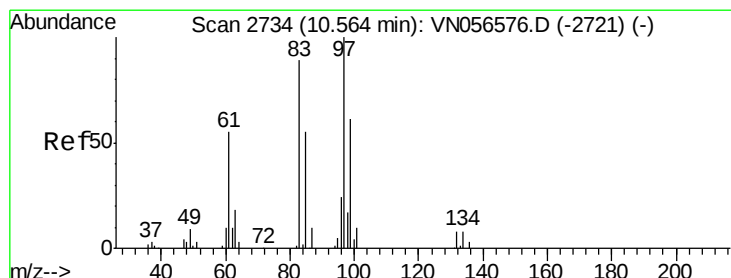
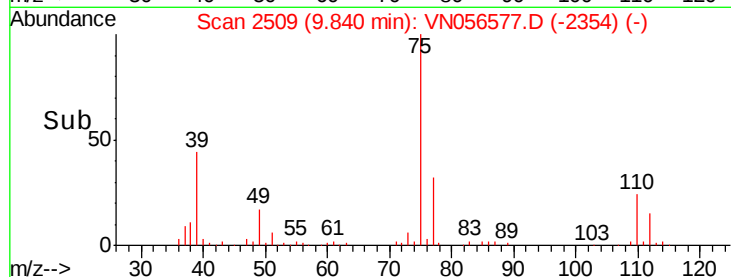
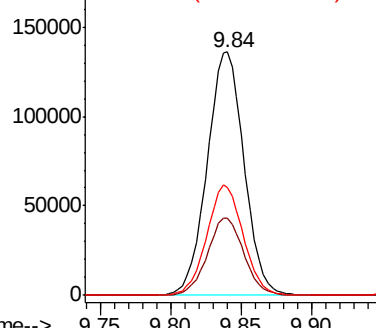
#49
 cis-1,3-Dichloropropene
 Concen: 55.316 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 75 Resp: 249340
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.1 37.7
 39 44.2 34.3 51.5

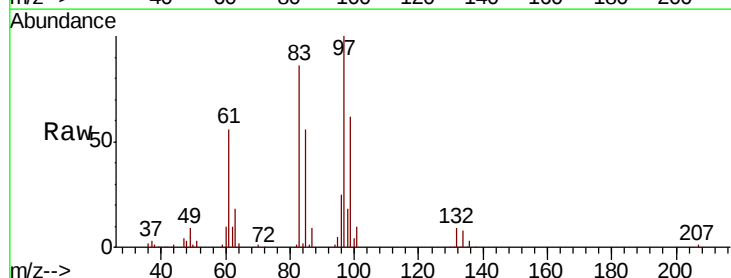


Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

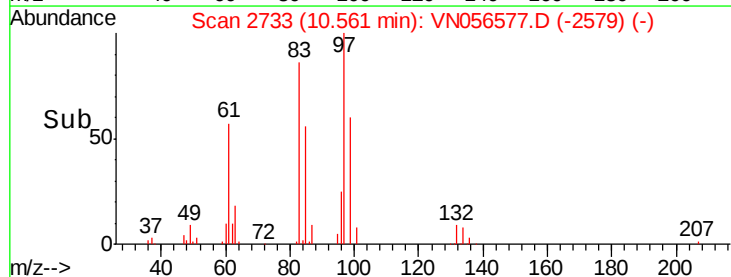
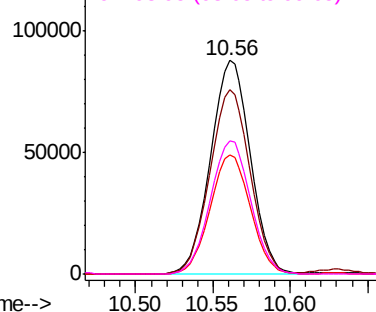


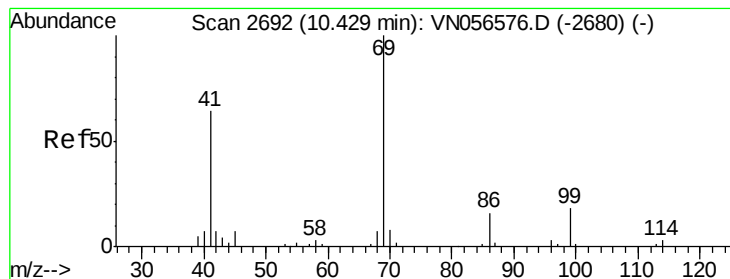
#50
 1,1,2-Trichloroethane
 Concen: 51.812 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Tgt Ion: 97 Resp: 157203
 Ion Ratio Lower Upper
 97 100
 83 86.0 66.9 100.3
 85 56.0 43.3 64.9
 99 62.4 48.6 73.0



Abundance Ion 97.00 (96.70 to 97.70): VNO
 Ion 82.95 (82.65 to 83.65): VNO
 Ion 84.95 (84.65 to 85.65): VNO
 Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 54.489 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

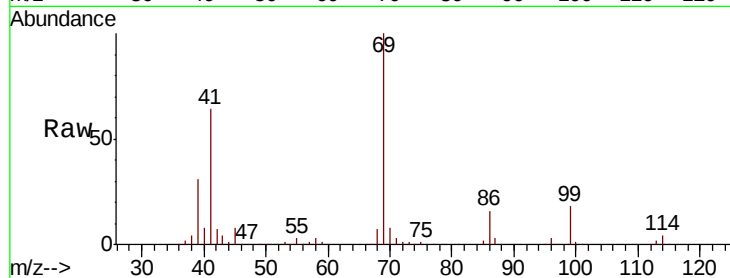
Tgt Ion: 69 Resp: 250117

Ion Ratio Lower Upper

69 100

41 64.0 30.8 92.3

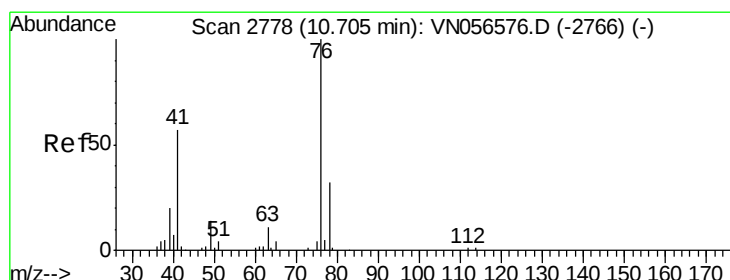
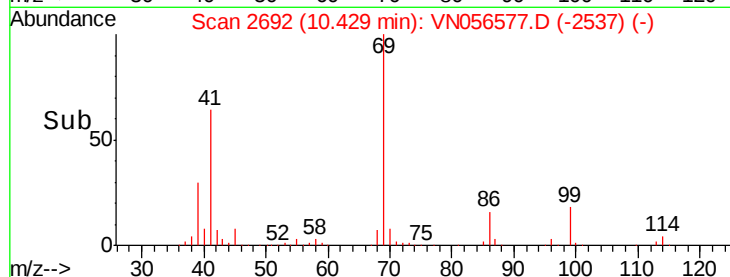
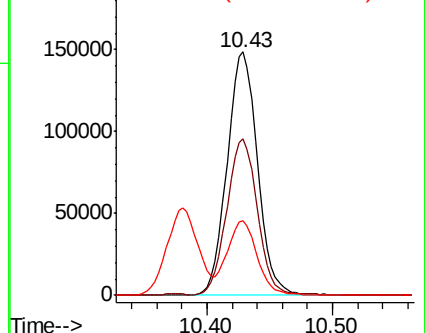
39 30.5 14.5 43.6



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 54.326 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056577.D

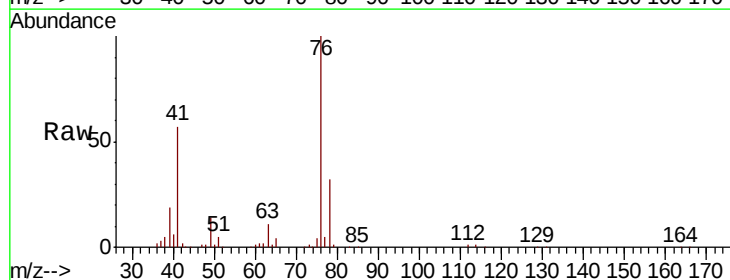
Acq: 3 Jul 2019 9:56

Tgt Ion: 76 Resp: 267221

Ion Ratio Lower Upper

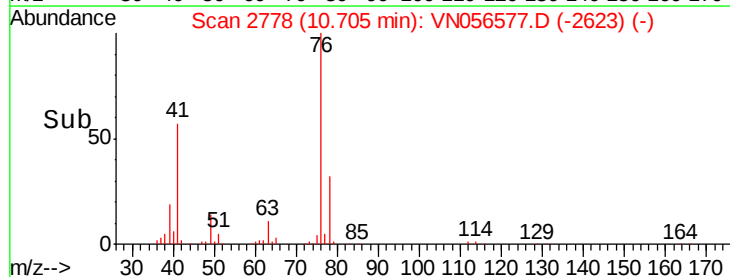
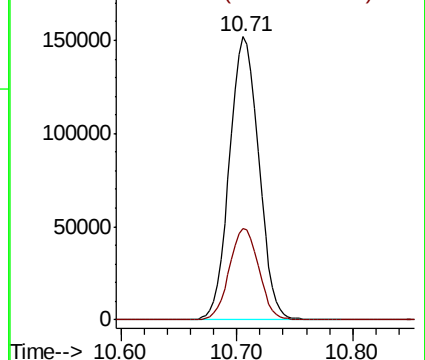
76 100

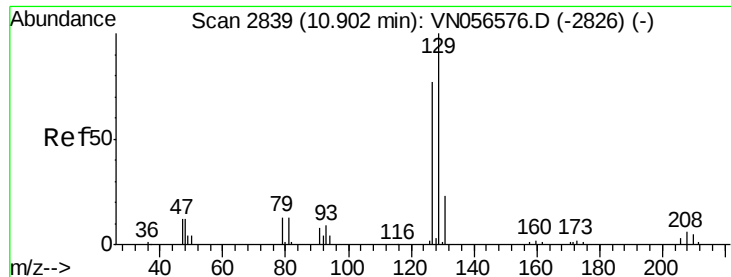
78 32.3 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 52.406 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

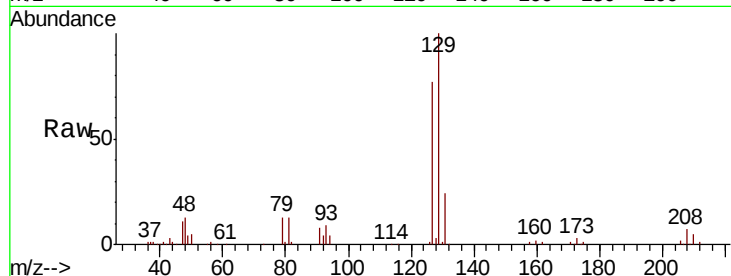
VSTDIC050

Tgt Ion:129 Resp: 155650

Ion Ratio Lower Upper

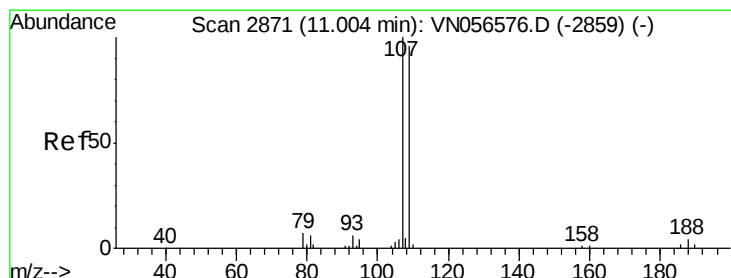
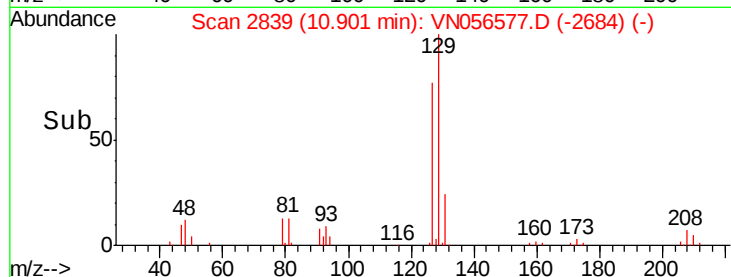
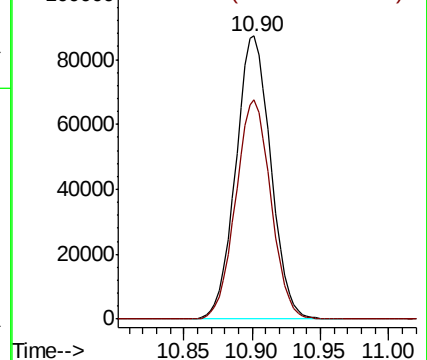
129 100

127 77.5 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 52.506 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056577.D

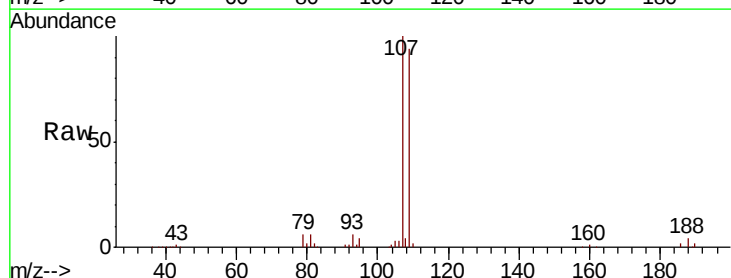
Acq: 3 Jul 2019 9:56

Tgt Ion:107 Resp: 166239

Ion Ratio Lower Upper

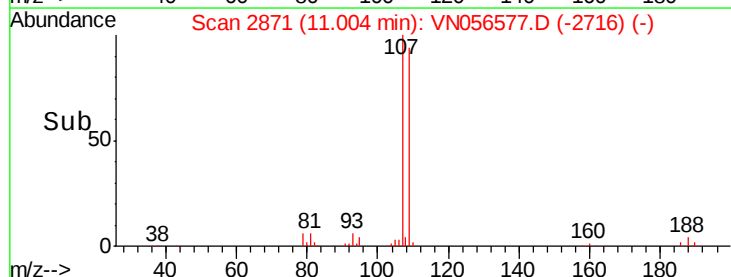
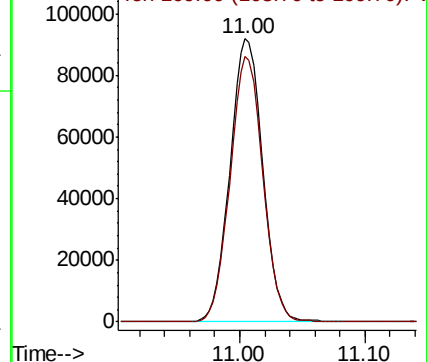
107 100

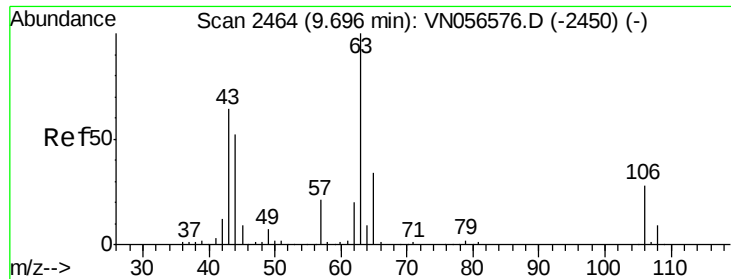
109 93.8 76.8 115.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

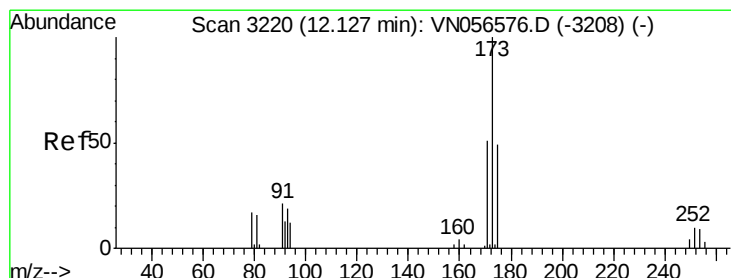
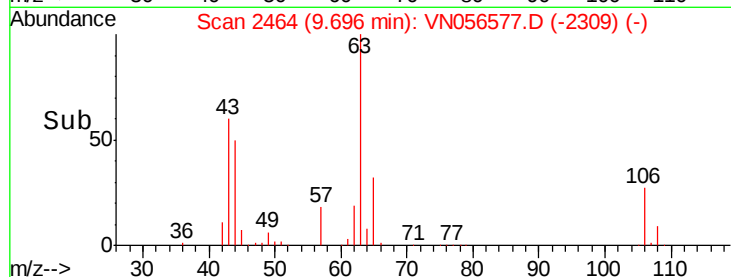
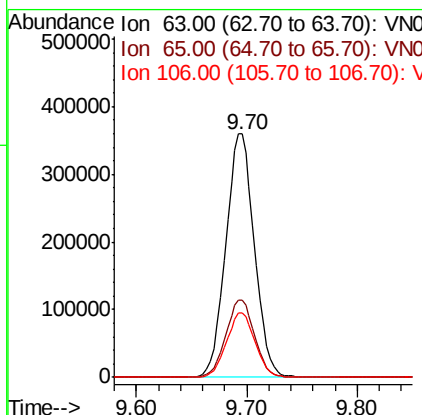
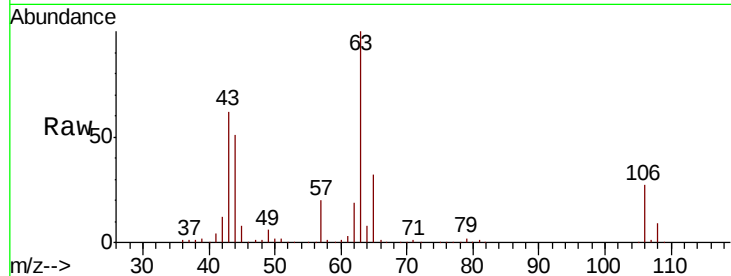




#55
2-Chloroethyl vinyl ether
Concen: 401.184 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

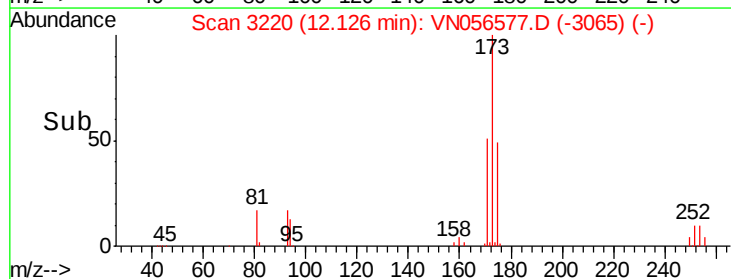
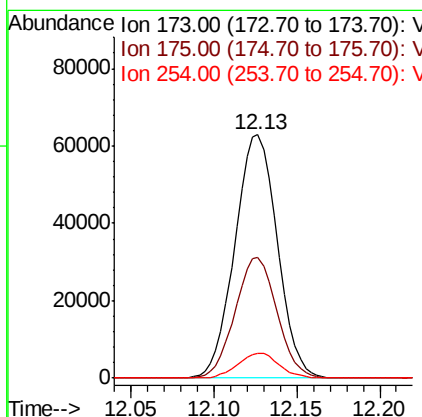
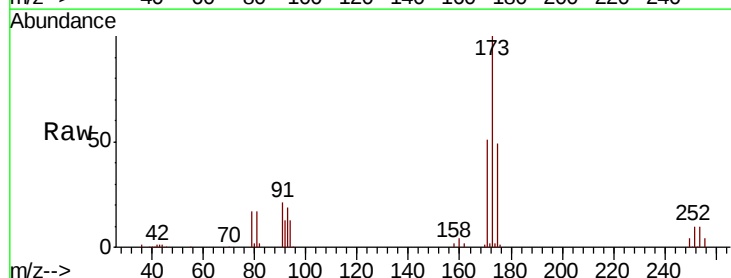
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

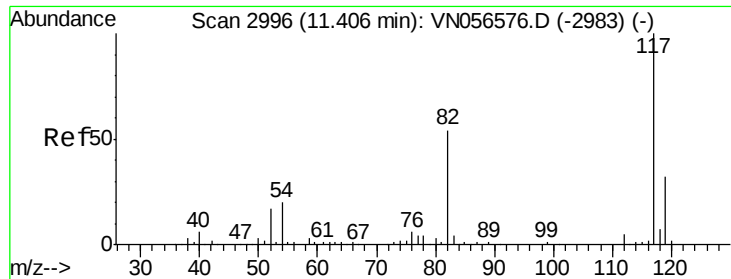
Tgt Ion: 63 Resp: 645028
Ion Ratio Lower Upper
63 100
65 31.9 25.5 38.3
106 26.5 23.0 34.4



#56
Bromoform
Concen: 52.299 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Tgt Ion: 173 Resp: 112371
Ion Ratio Lower Upper
173 100
175 48.6 38.7 58.1
254 9.9 6.6 9.8#

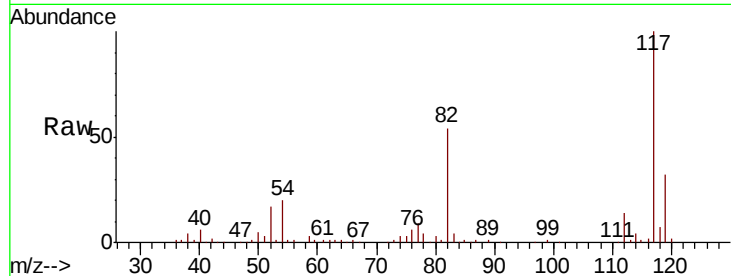




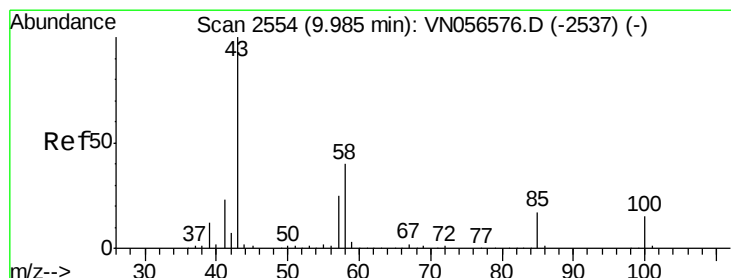
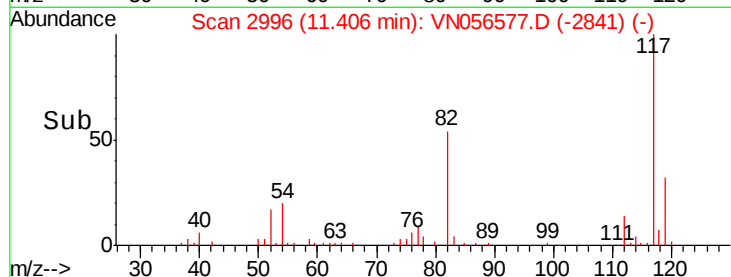
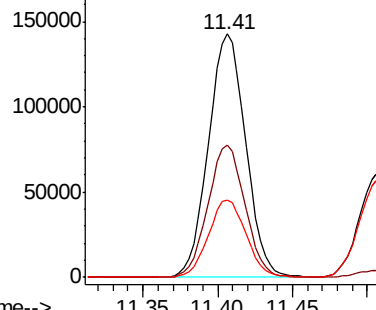
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 117 Resp: 247439
Ion Ratio Lower Upper
117 100
82 54.1 41.2 61.8
119 32.1 26.2 39.2

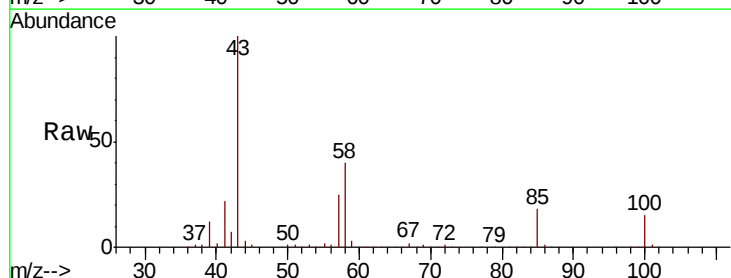


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

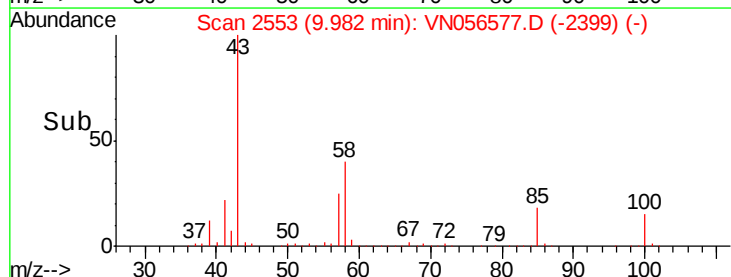
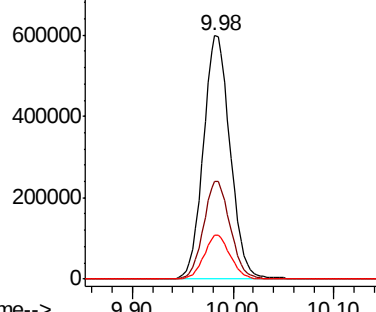


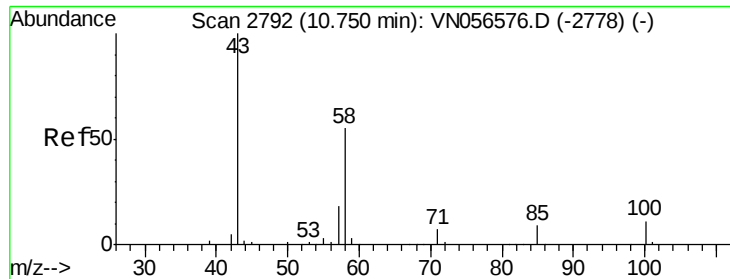
#58
4-Methyl-2-Pentanone
Concen: 295.044 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Tgt Ion: 43 Resp: 1105485
Ion Ratio Lower Upper
43 100
58 39.9 33.1 49.7
85 17.6 15.5 23.3



Abundance Ion 43.00 (42.70 to 43.70): VN
Ion 58.00 (57.70 to 58.70): VN
Ion 85.00 (84.70 to 85.70): VN

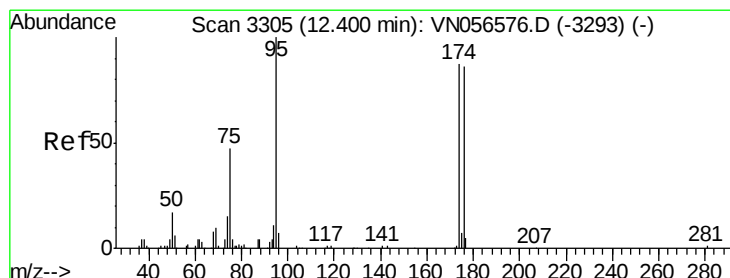
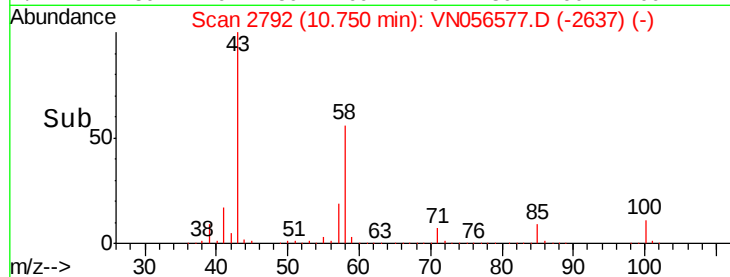
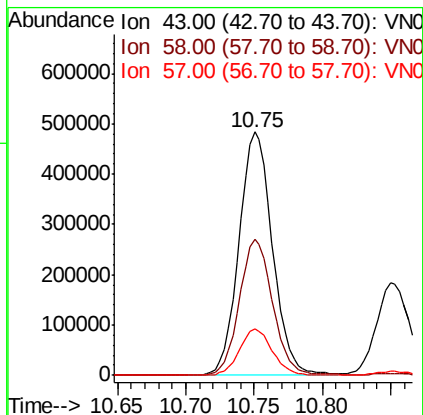
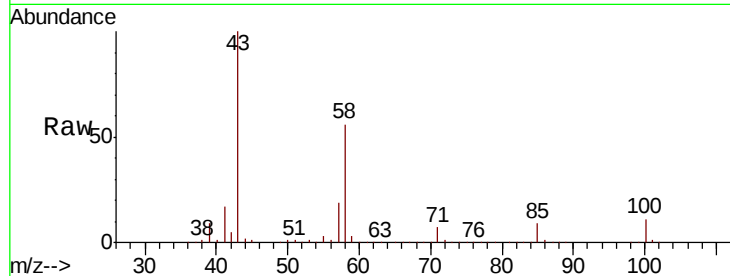




#59
2-Hexanone
Concen: 306.991 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

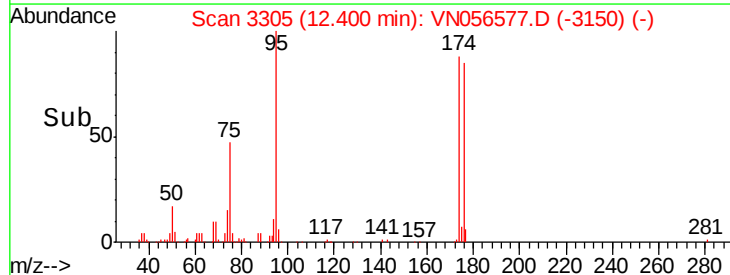
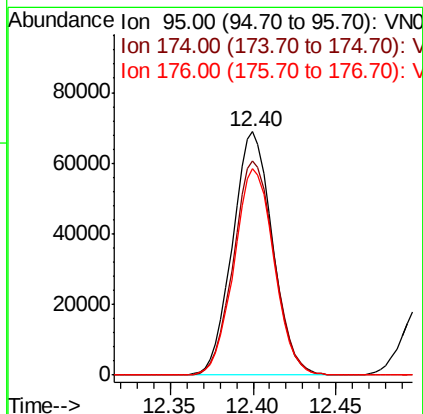
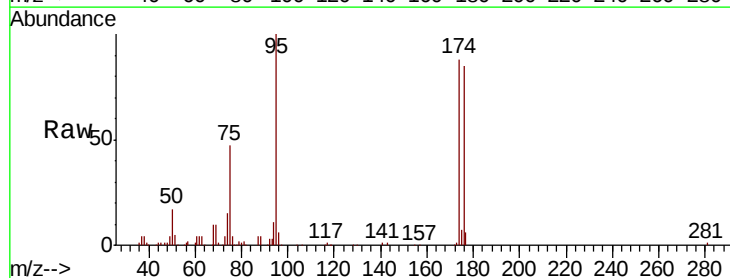
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

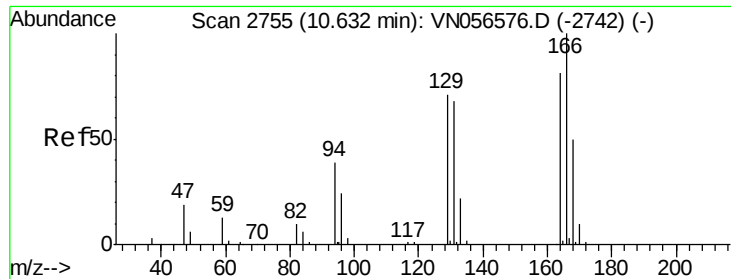
Tgt Ion: 43 Resp: 822135
Ion Ratio Lower Upper
43 100
58 55.9 45.3 67.9
57 18.9 15.6 23.4



#60
4-Bromofluorobenzene
Concen: 31.551 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Tgt Ion: 95 Resp: 115714
Ion Ratio Lower Upper
95 100
174 89.3 75.4 113.0
176 84.8 73.9 110.9





#61

Tetrachloroethene

Concen: 43.765 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:164 Resp: 150927

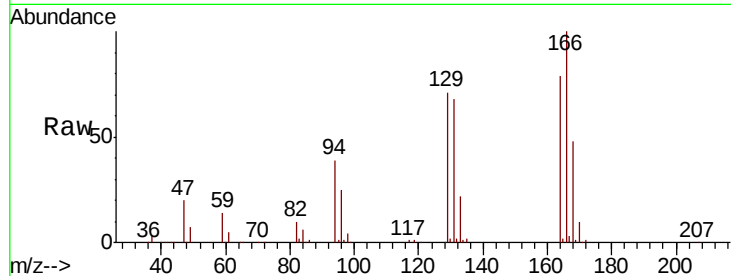
Ion Ratio Lower Upper

164 100

166 126.2 104.3 156.5

129 89.2 71.5 107.3

131 85.8 67.7 101.5

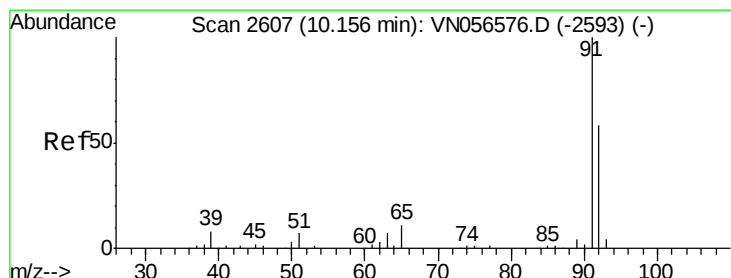
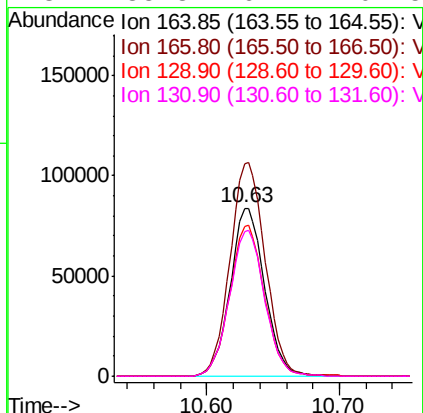
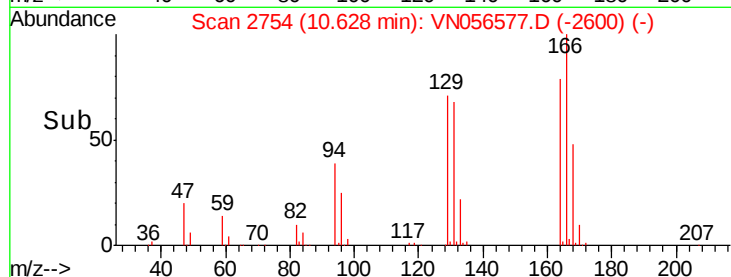


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 50.548 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056577.D

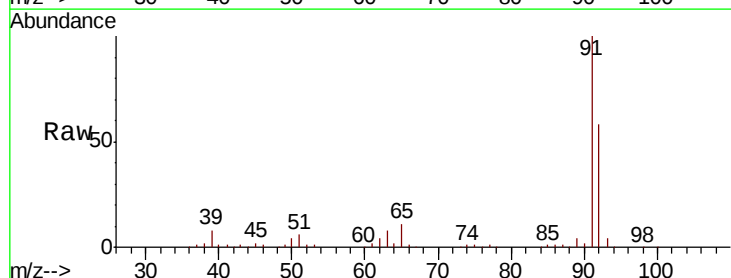
Acq: 3 Jul 2019 9:56

Tgt Ion: 91 Resp: 675201

Ion Ratio Lower Upper

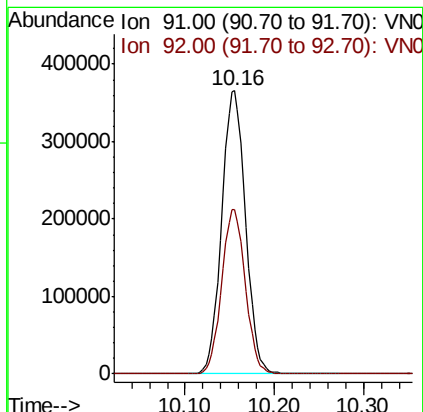
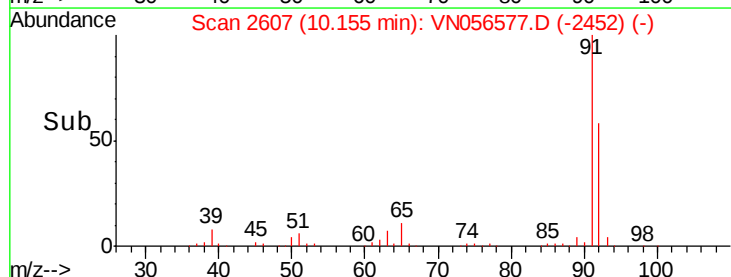
91 100

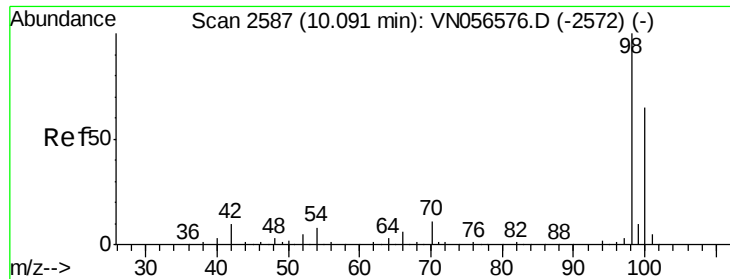
92 57.6 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.539 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

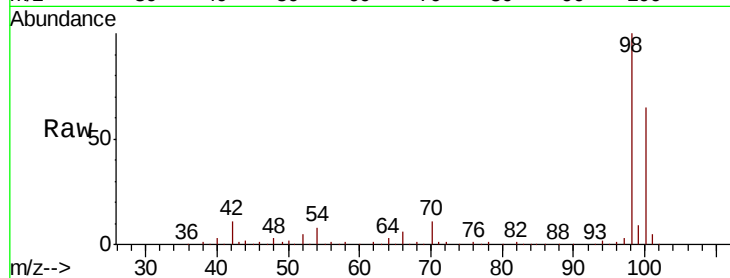
VSTDIC050

Tgt Ion: 98 Resp: 342785

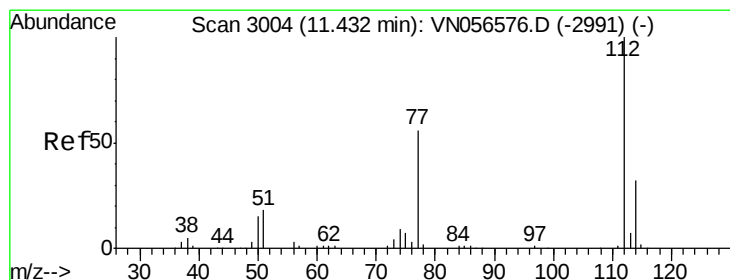
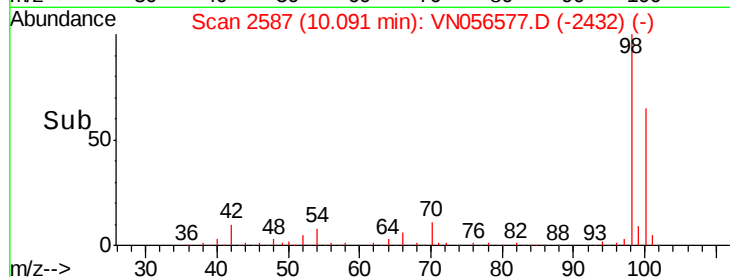
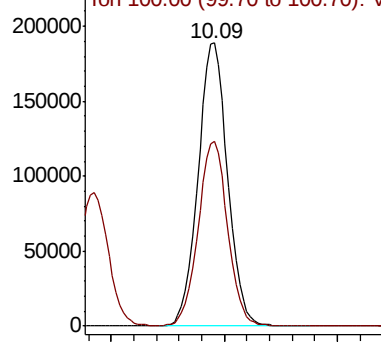
Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VN056577.D (-2432) (-)



#64

Chlorobenzene

Concen: 50.415 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN056577.D

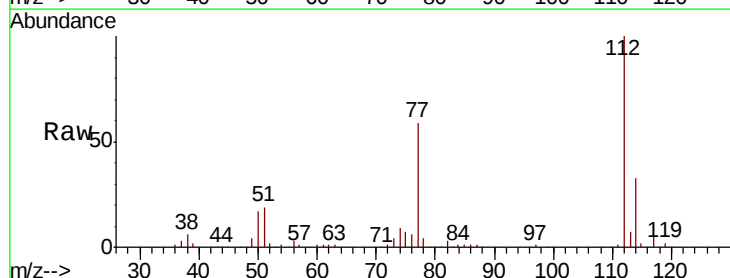
Acq: 3 Jul 2019 9:56

Tgt Ion: 112 Resp: 408477

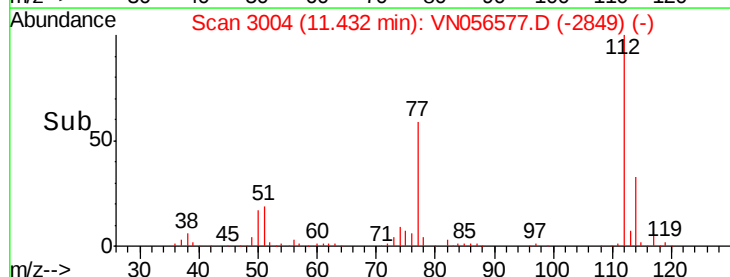
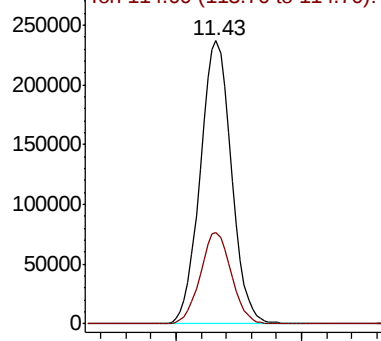
Ion Ratio Lower Upper

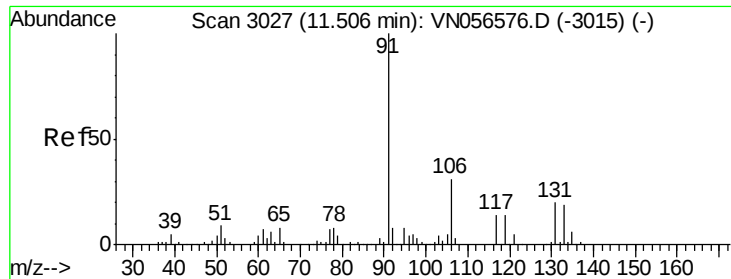
112 100

114 32.5 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): VN056577.D (-2849) (-)

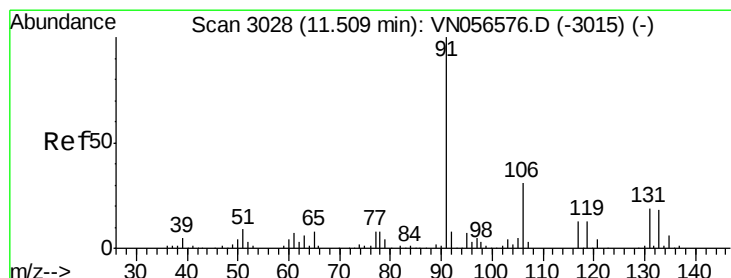
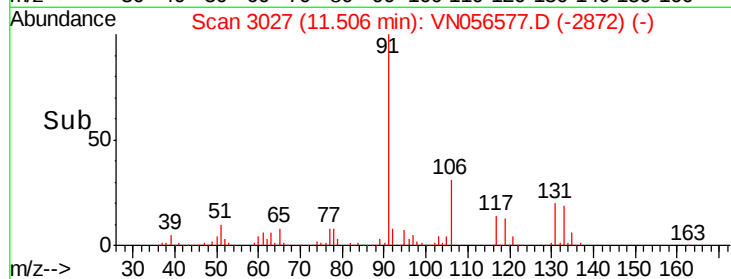
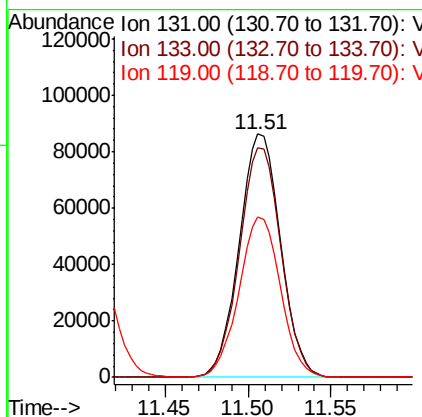
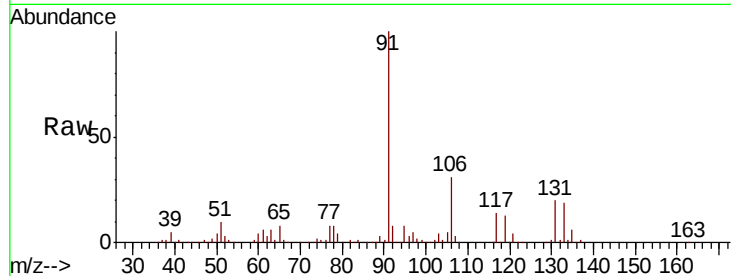




#65
 1,1,1,2-Tetrachloroethane
 Concen: 51.416 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

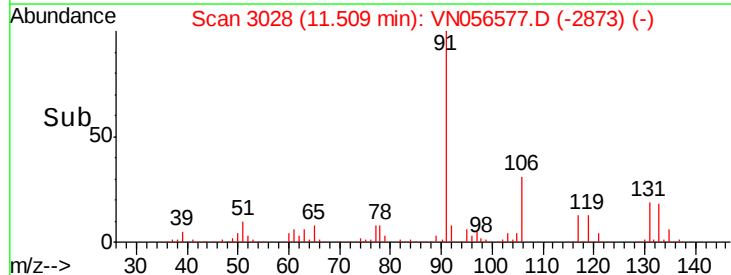
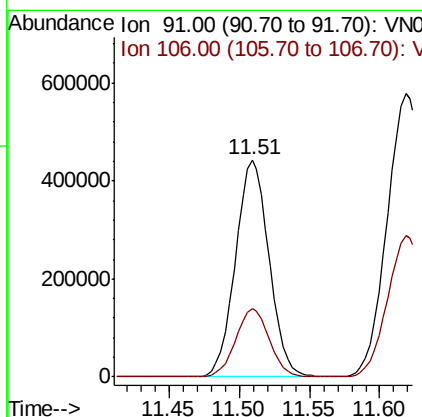
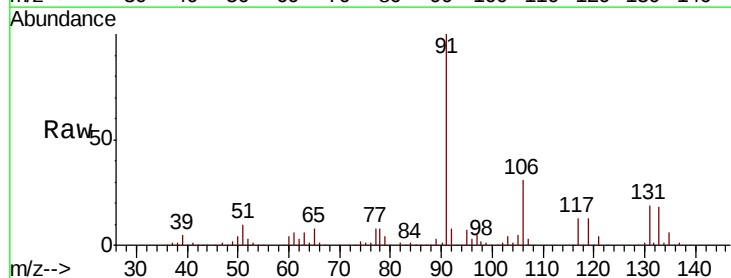
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

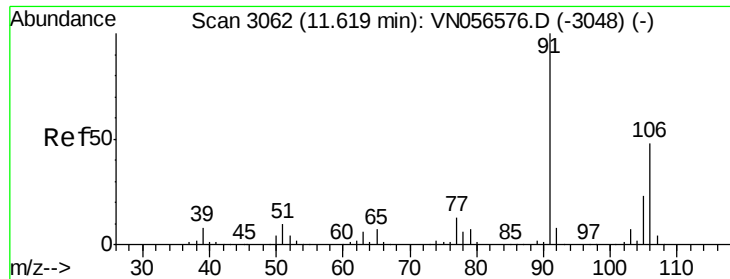
Tgt Ion: 131 Resp: 150218
 Ion Ratio Lower Upper
 131 100
 133 95.1 0.0 193.8
 119 66.2 0.0 134.4



#66
 Ethyl Benzene
 Concen: 51.959 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Tgt Ion: 91 Resp: 739233
 Ion Ratio Lower Upper
 91 100
 106 31.2 25.7 38.5

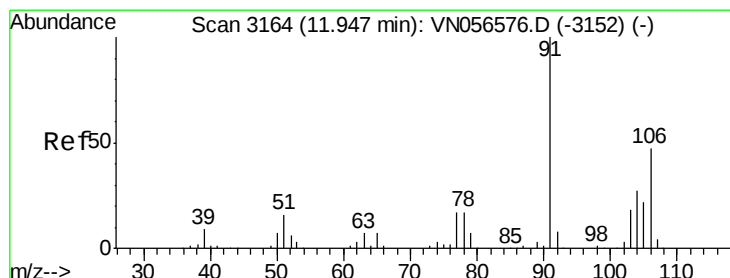
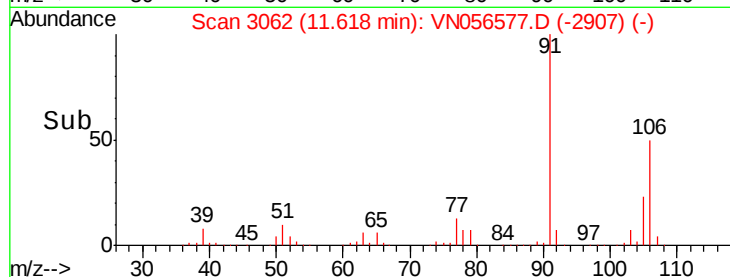
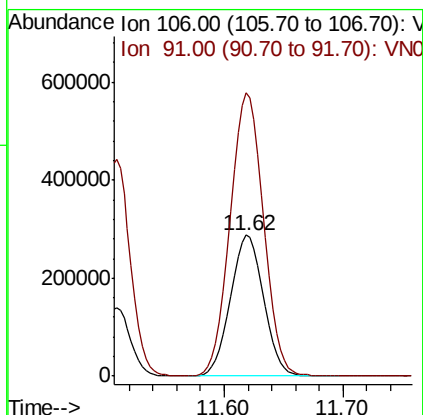
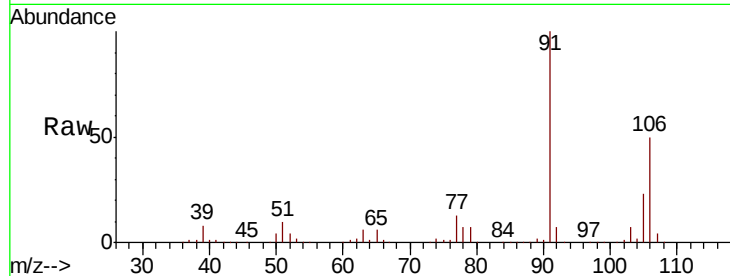




#67
m/p-Xylenes
Concen: 101.771 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

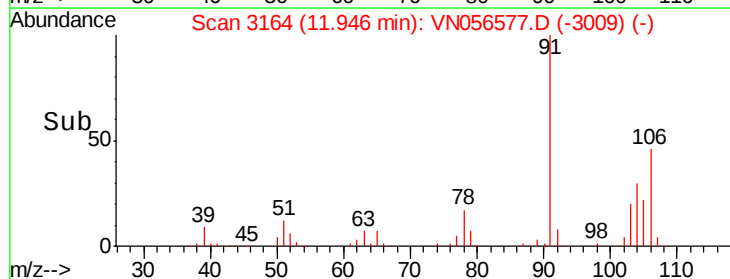
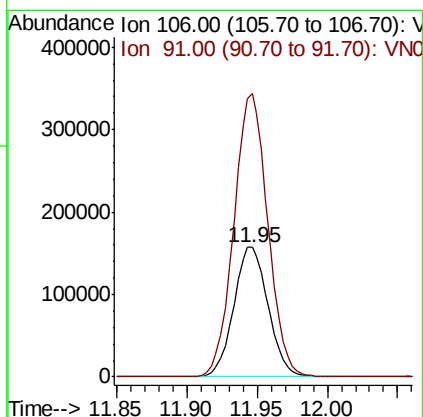
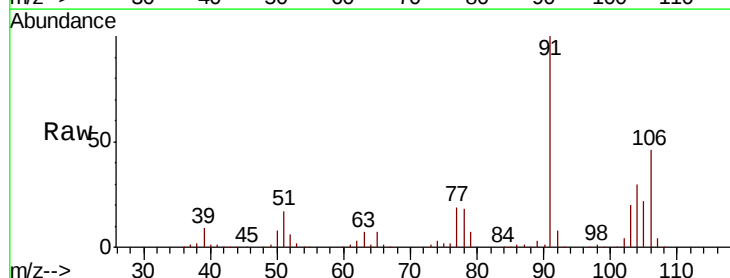
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

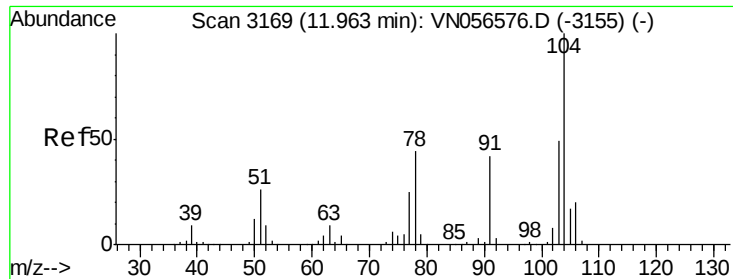
Tgt Ion:106 Resp: 554210
Ion Ratio Lower Upper
106 100
91 202.8 155.7 233.5



#68
o-Xylene
Concen: 50.478 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Tgt Ion:106 Resp: 269111
Ion Ratio Lower Upper
106 100
91 215.1 103.9 311.7

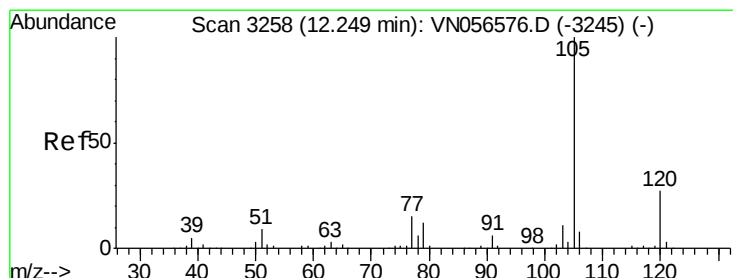
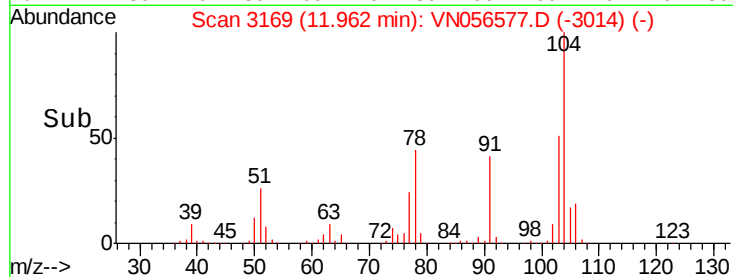
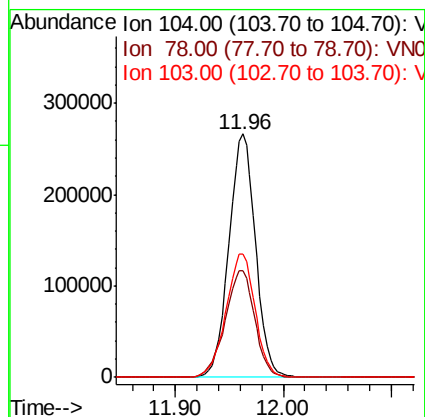
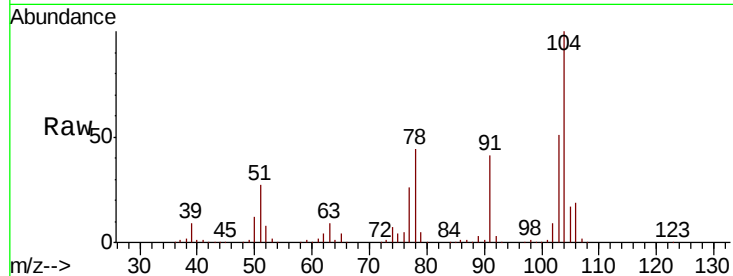




#69
Styrene
Concen: 52.864 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

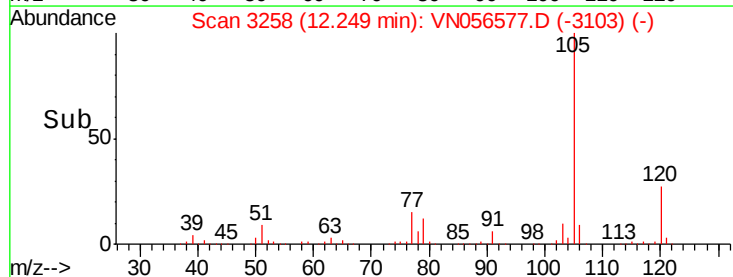
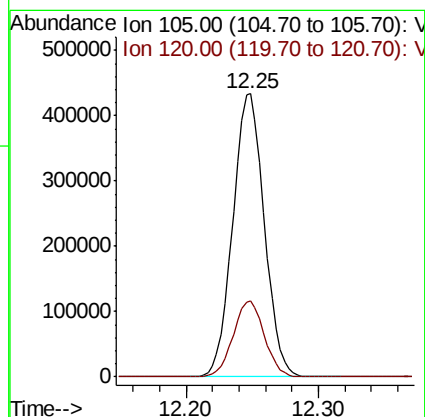
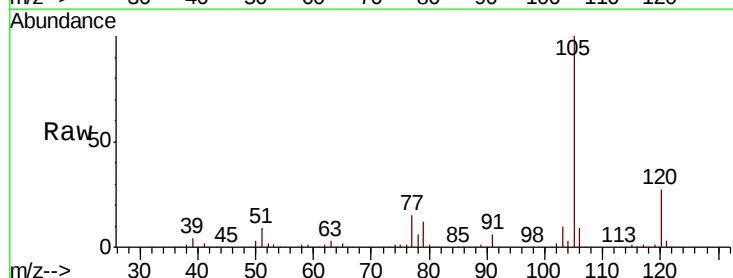
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

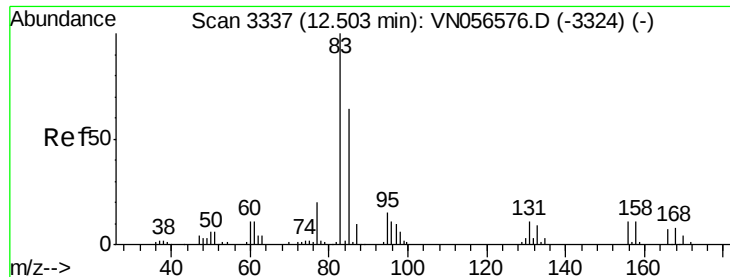
Tgt Ion:104 Resp: 457895
Ion Ratio Lower Upper
104 100
78 48.6 37.0 55.6
103 55.6 44.4 66.6



#70
Isopropylbenzene
Concen: 51.194 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Tgt Ion:105 Resp: 713095
Ion Ratio Lower Upper
105 100
120 26.6 19.3 35.8

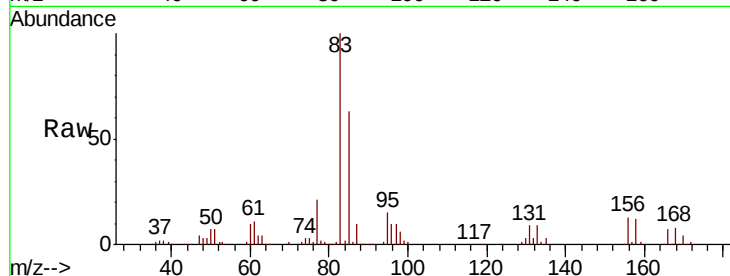




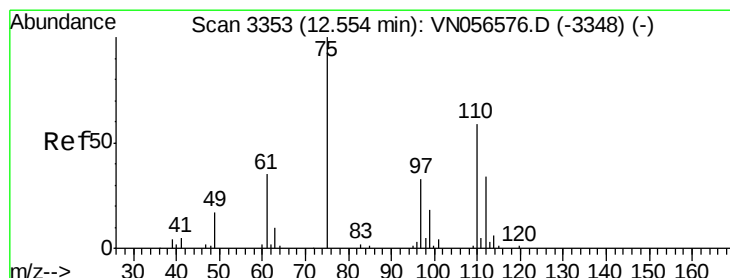
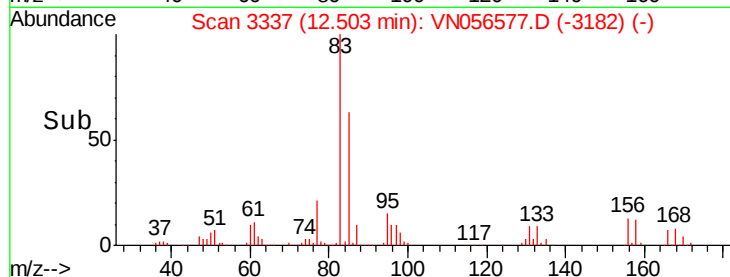
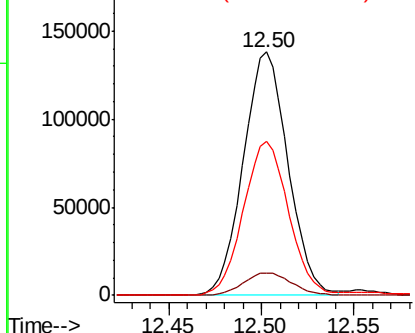
#71
 1,1,2,2-Tetrachloroethane
 Concen: 55.364 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 83 Resp: 232507
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.2 15.6
 85 63.8 31.6 94.7

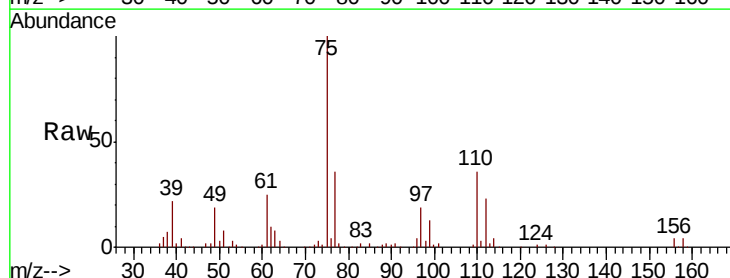


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VN0

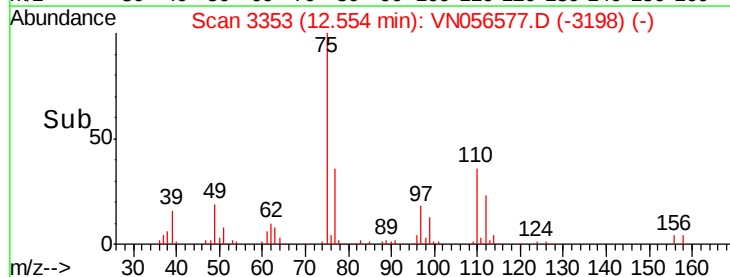
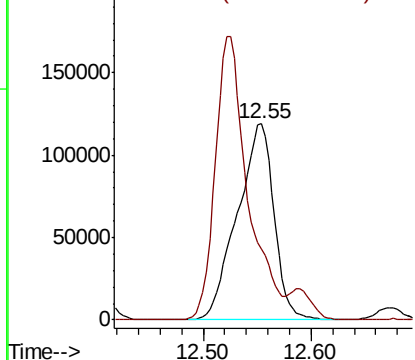


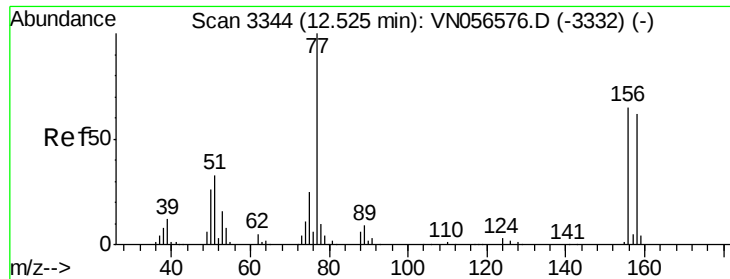
#72
 1,2,3-Trichloropropane
 Concen: 77.436 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Tgt Ion: 75 Resp: 281522
 Ion Ratio Lower Upper
 75 100
 77 127.0 0.0 350.0



Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0





#73

Bromobenzene

Concen: 49.872 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

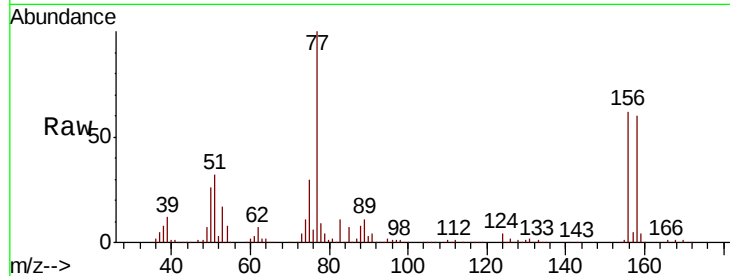
Tgt Ion:156 Resp: 184392

Ion Ratio Lower Upper

156 100

77 193.9 0.0 350.8

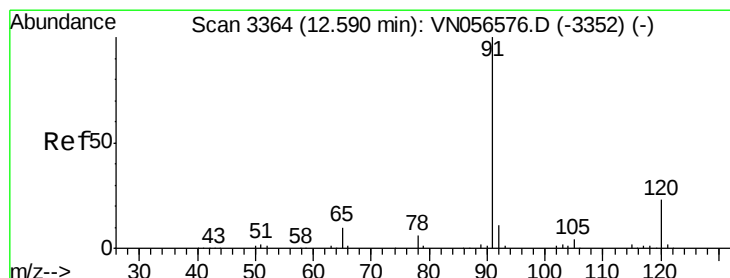
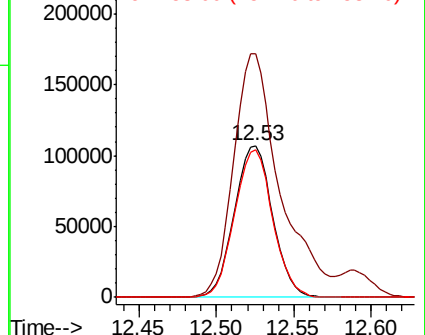
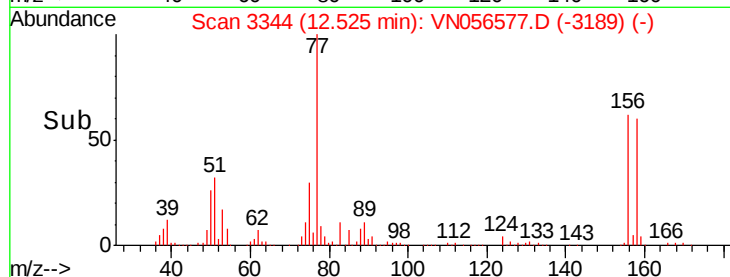
158 96.6 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 55.369 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056577.D

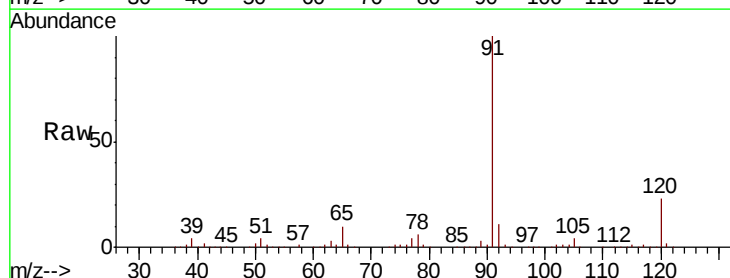
Acq: 3 Jul 2019 9:56

Tgt Ion: 91 Resp: 813900

Ion Ratio Lower Upper

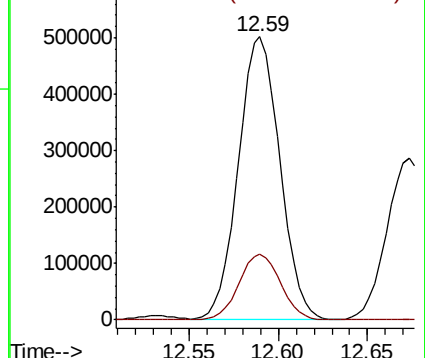
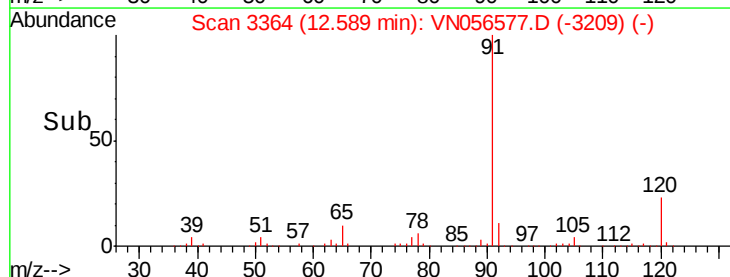
91 100

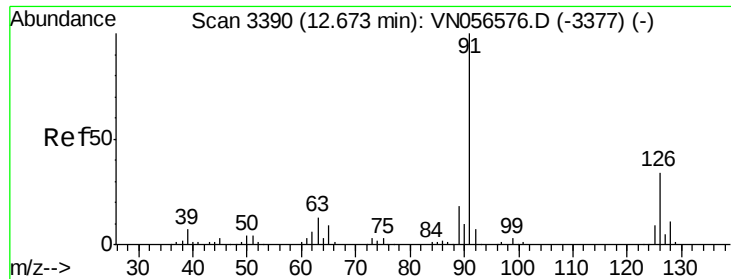
120 23.2 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 52.827 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

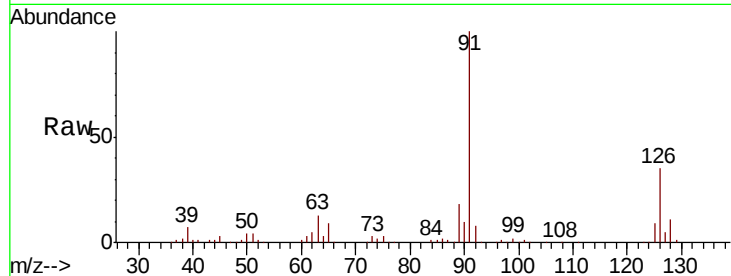
VSTDIC050

Tgt Ion: 91 Resp: 481657

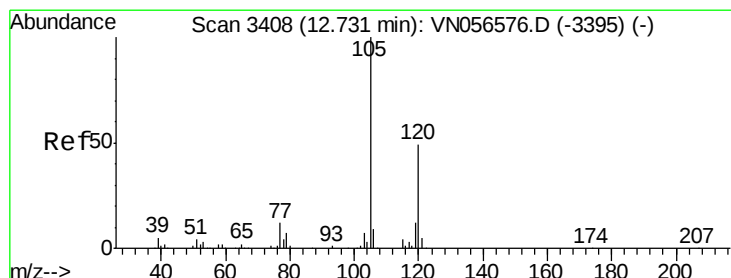
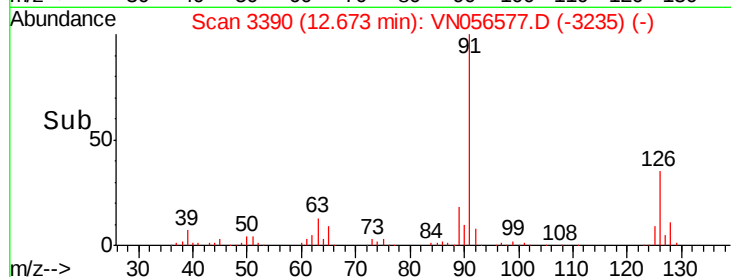
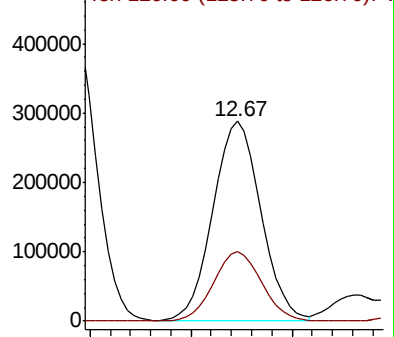
Ion Ratio Lower Upper

91 100

126 34.9 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VN056577.D (-3235) (-)



#76

1,3,5-Trimethylbenzene

Concen: 52.296 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056577.D

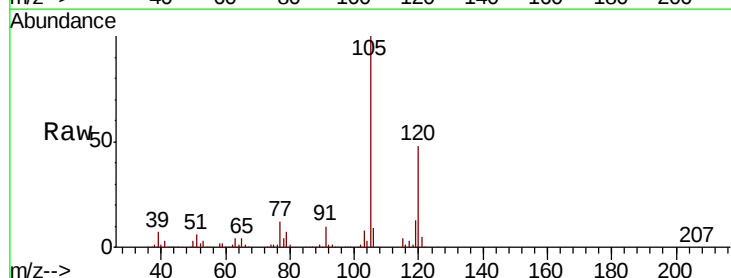
Acq: 3 Jul 2019 9:56

Tgt Ion: 105 Resp: 599189

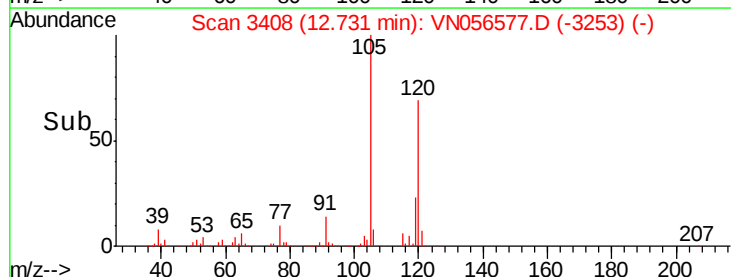
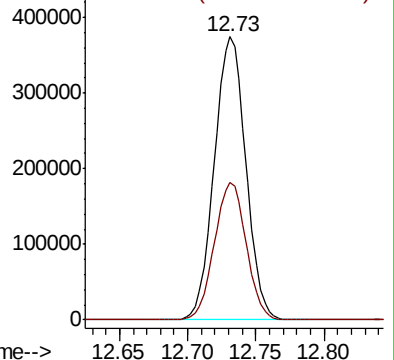
Ion Ratio Lower Upper

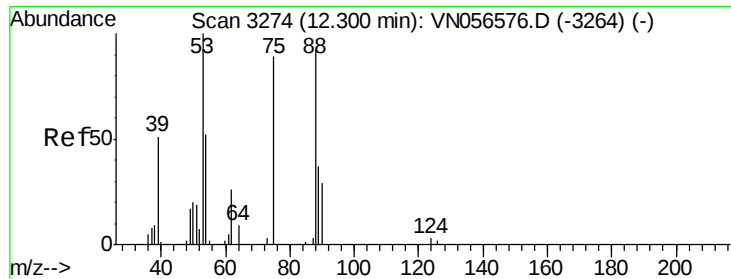
105 100

120 49.0 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VN056577.D (-3253) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 61.676 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampled :

VSTDIC050

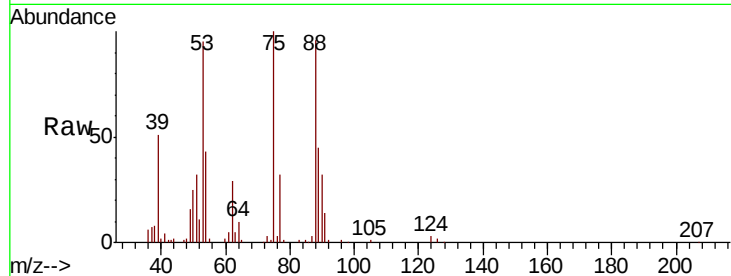
Tgt Ion: 75 Resp: 63980

Ion Ratio Lower Upper

75 100

53 94.5 48.0 144.0

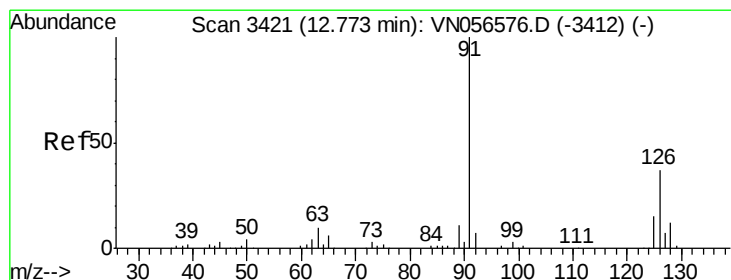
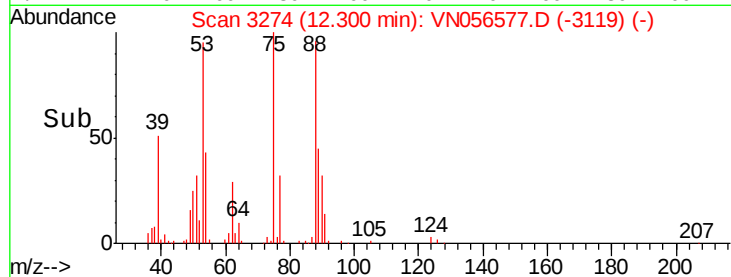
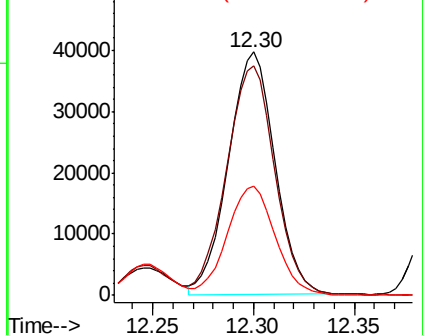
89 45.1 22.5 67.5



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 55.604 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056577.D

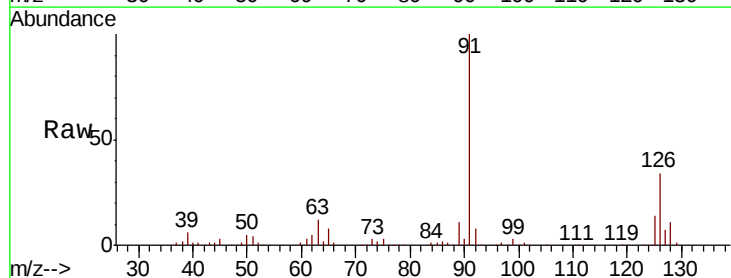
Acq: 3 Jul 2019 9:56

Tgt Ion: 91 Resp: 473474

Ion Ratio Lower Upper

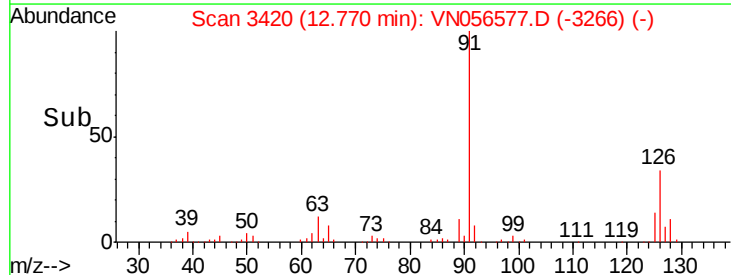
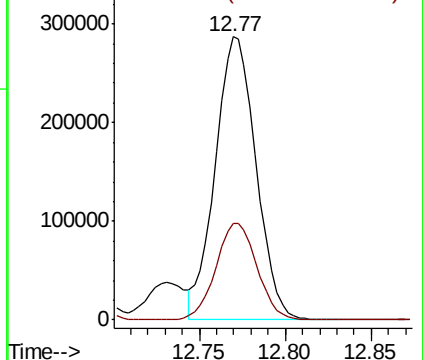
91 100

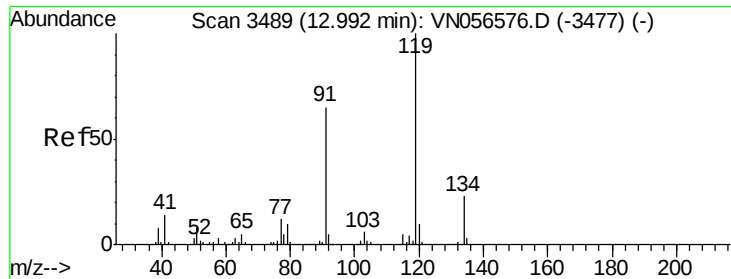
126 34.5 0.0 71.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

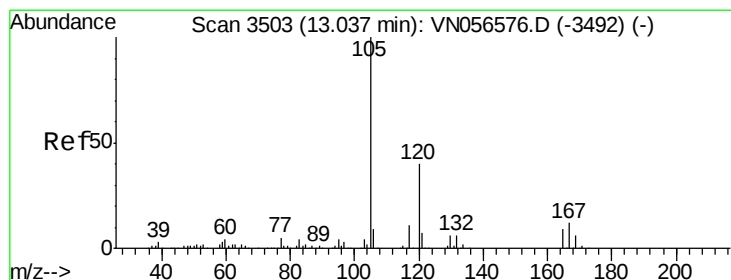
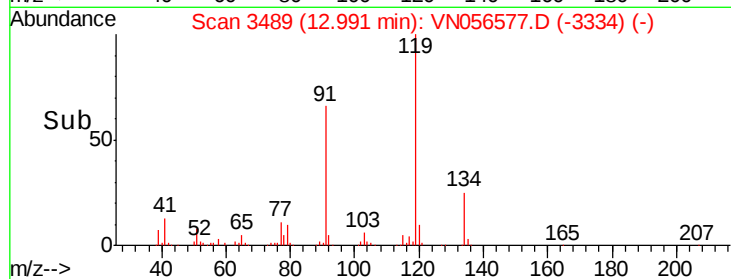
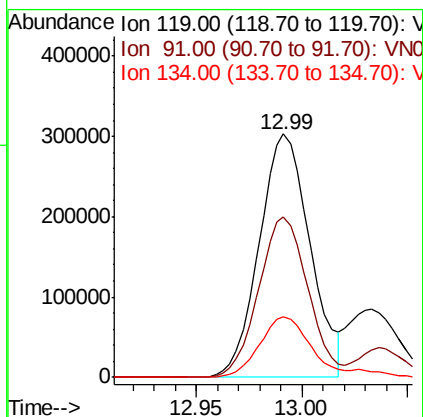
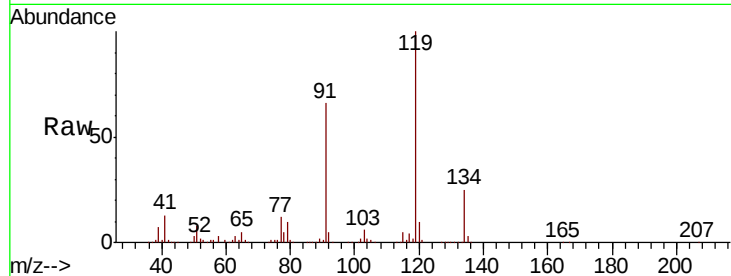




#79
tert-butylbenzene
Concen: 50.095 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

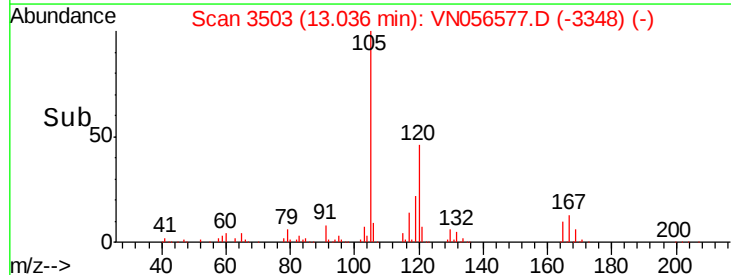
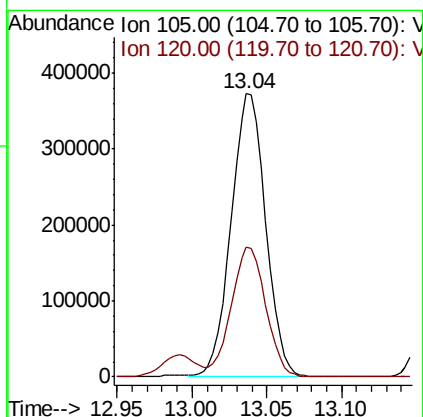
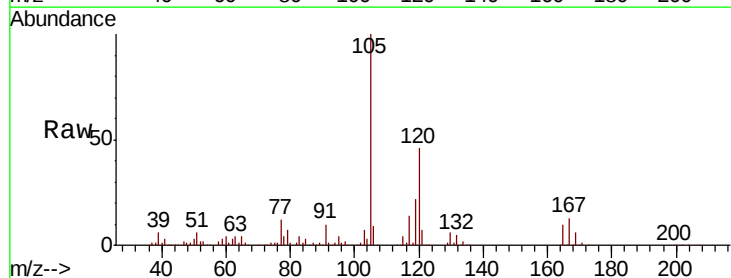
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

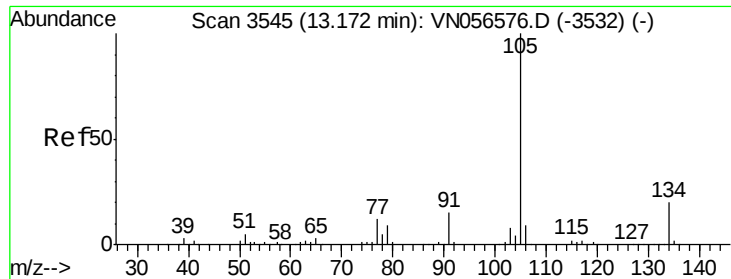
Tgt Ion:119 Resp: 508519
Ion Ratio Lower Upper
119 100
91 64.0 0.0 122.8
134 24.6 0.0 50.2



#80
1,2,4-Trimethylbenzene
Concen: 53.756 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Tgt Ion:105 Resp: 599163
Ion Ratio Lower Upper
105 100
120 46.1 0.0 93.4

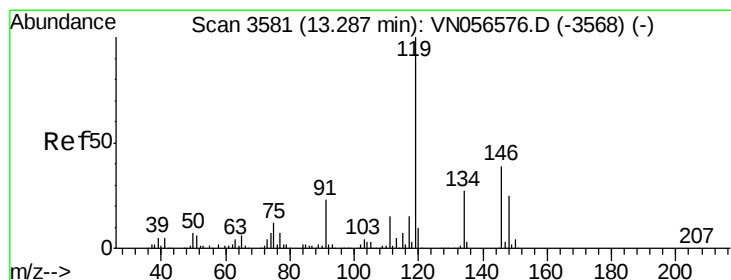
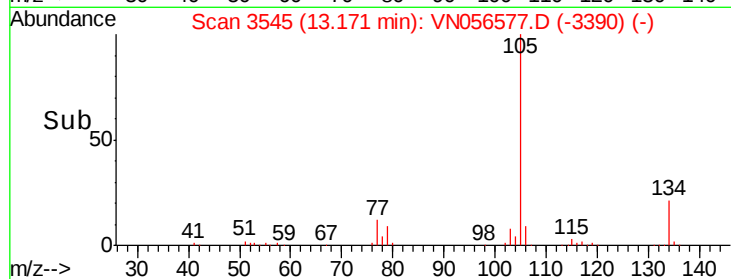
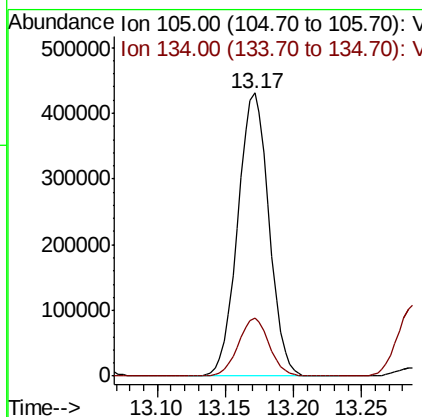
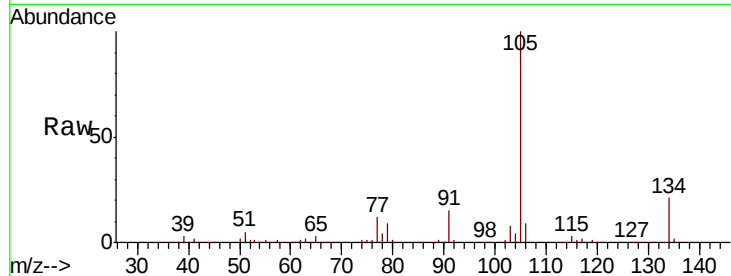




#81
 sec-Butylbenzene
 Concen: 53.146 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

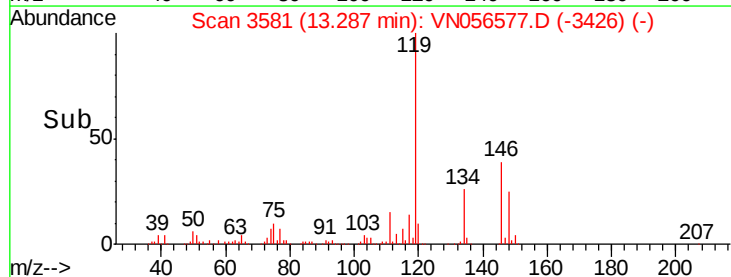
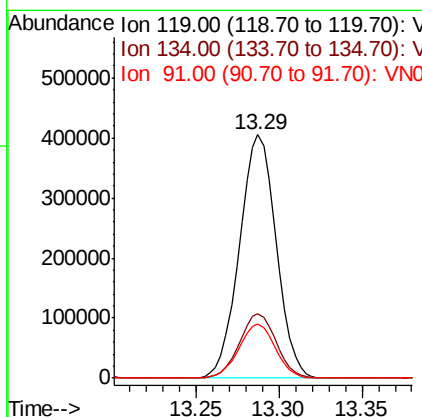
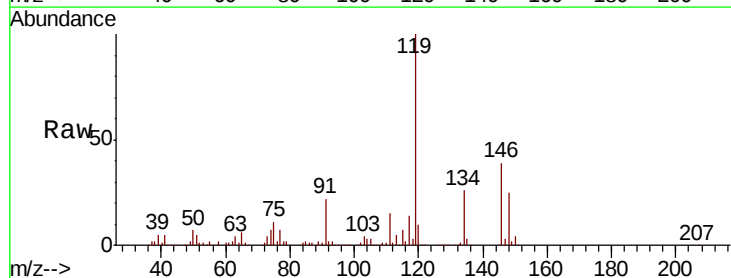
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

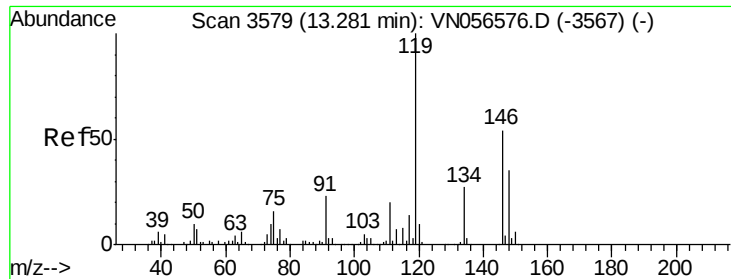
Tgt Ion:105 Resp: 682473
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 53.664 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Tgt Ion:119 Resp: 623057
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 53.4
 91 22.3 0.0 43.0

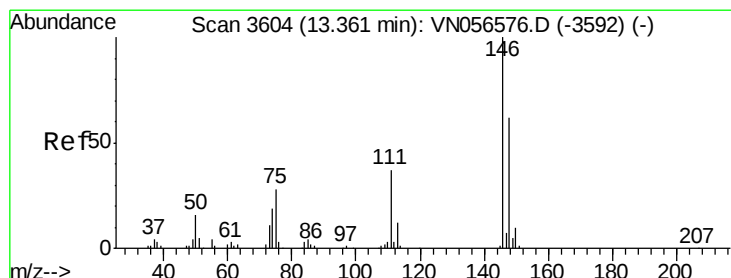
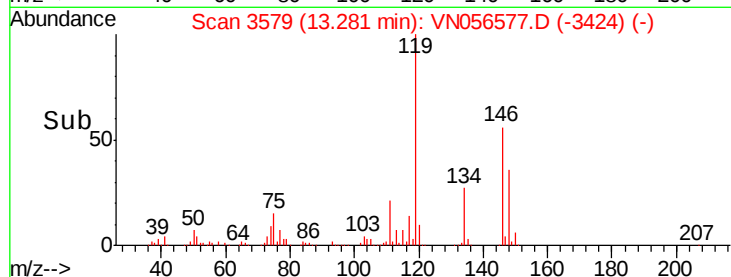
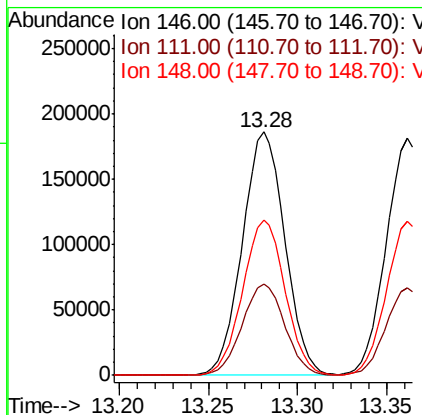
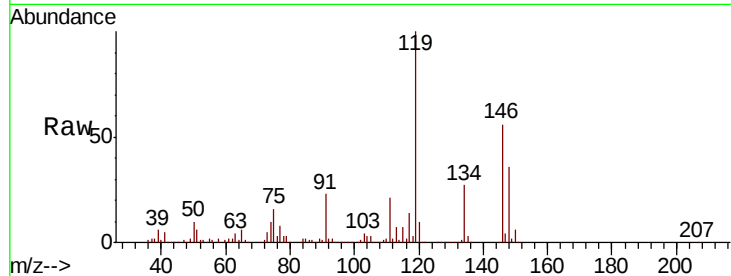




#83
 1,3-Dichlorobenzene
 Concen: 53.806 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

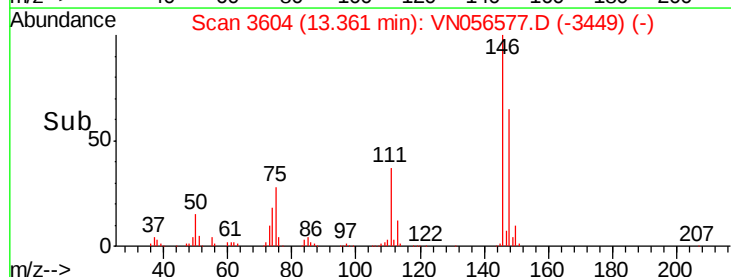
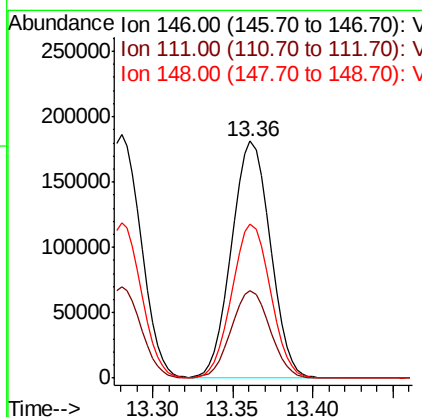
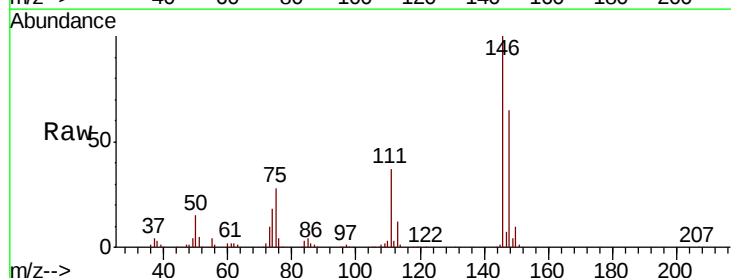
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

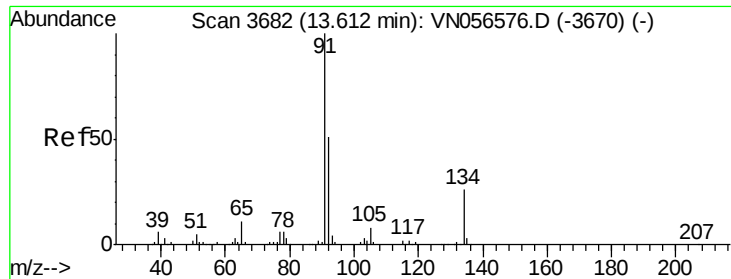
Tgt Ion:146 Resp: 310025
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.2 54.6
 148 63.6 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 54.519 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Tgt Ion:146 Resp: 299225
 Ion Ratio Lower Upper
 146 100
 111 36.9 17.6 52.9
 148 64.9 32.1 96.3





#85

n-Butylbenzene

Concen: 61.235 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056577.D

Acq: 3 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

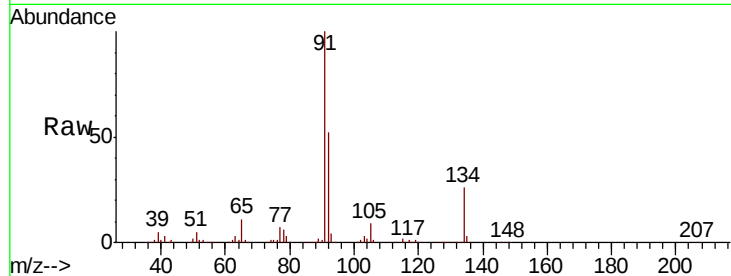
Tgt Ion: 91 Resp: 530620

Ion Ratio Lower Upper

91 100

92 52.0 0.0 107.2

134 26.0 0.0 55.8

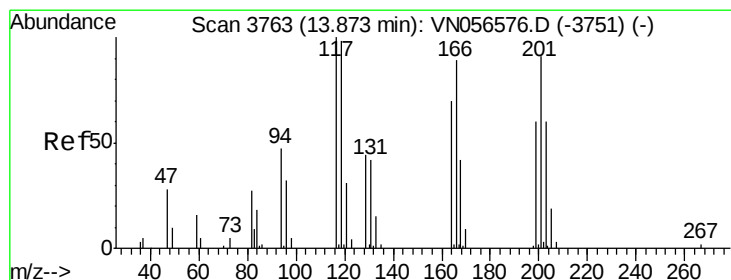
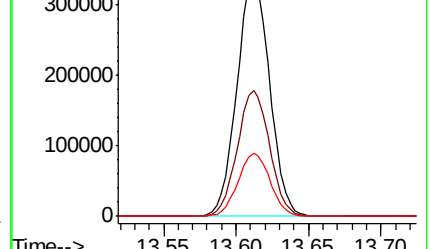
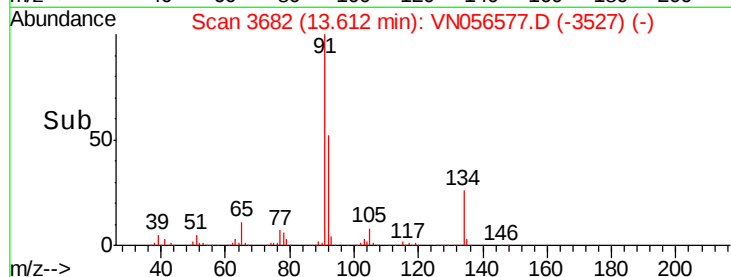


Abundance Ion 91.00 (90.70 to 91.70): VN056576.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN056576.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN056576.D (-3670) (-)

Time-->



#86

Hexachloroethane

Concen: 50.809 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056577.D

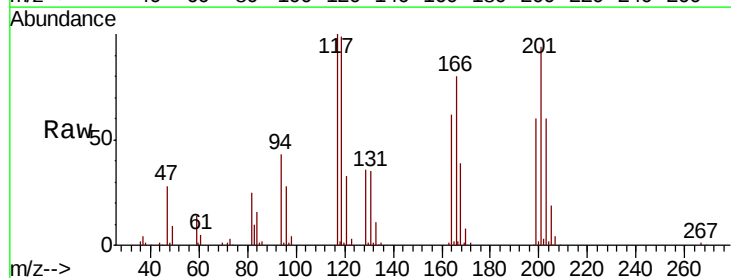
Acq: 3 Jul 2019 9:56

Tgt Ion: 117 Resp: 91964

Ion Ratio Lower Upper

117 100

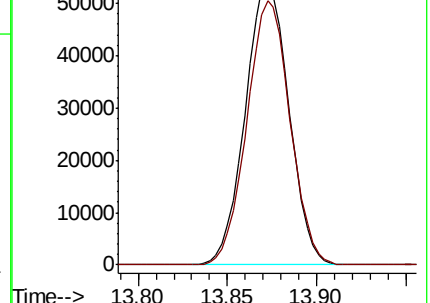
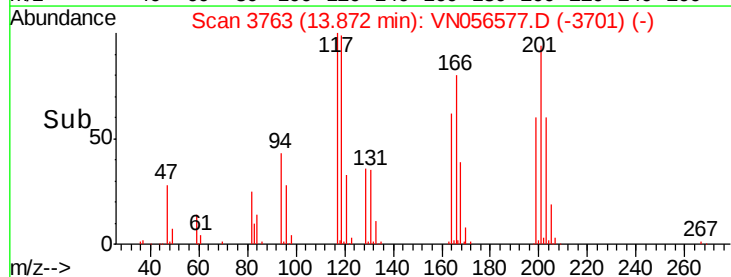
201 92.5 48.1 144.4

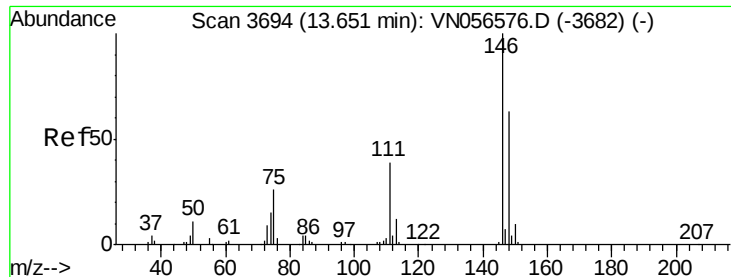


Abundance Ion 117.00 (116.70 to 117.70): VN056576.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN056576.D (-3751) (-)

Time-->

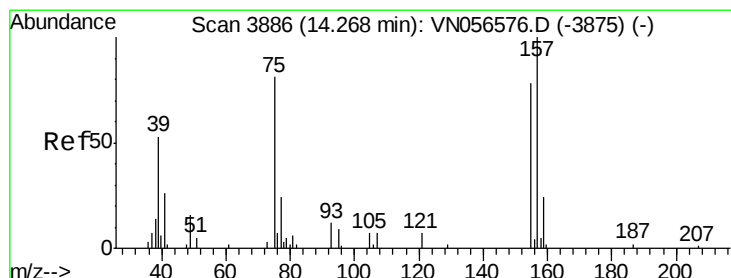
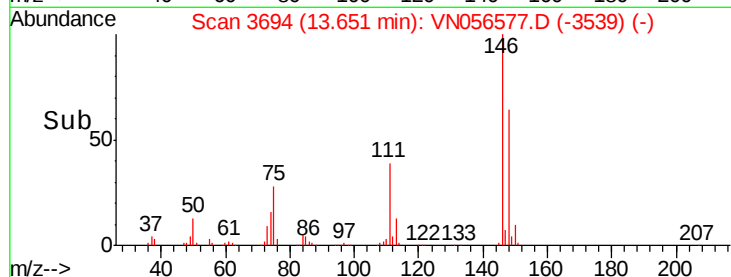
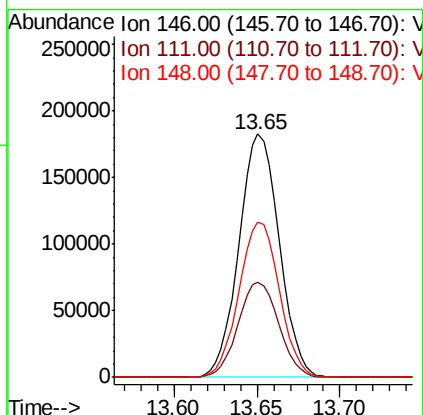
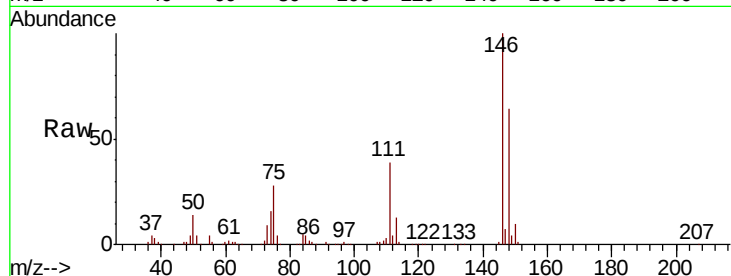




#87
 1,2-Dichlorobenzene
 Concen: 52.719 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

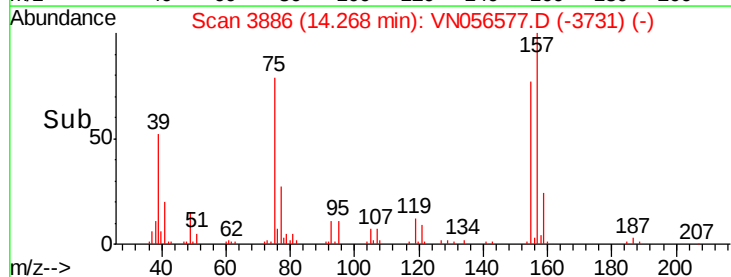
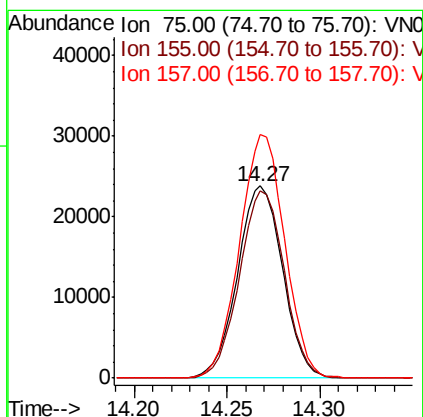
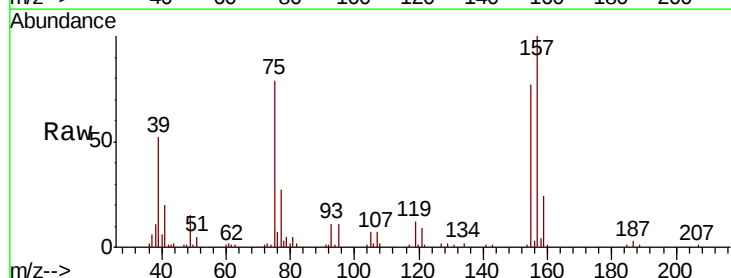
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

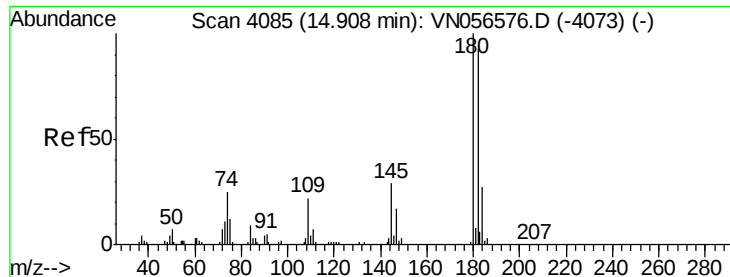
Tgt Ion: 146 Resp: 308764
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.3 57.9
 148 64.0 32.6 97.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 61.513 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Tgt Ion: 75 Resp: 40551
 Ion Ratio Lower Upper
 75 100
 155 96.5 82.5 123.7
 157 126.8 105.1 157.7

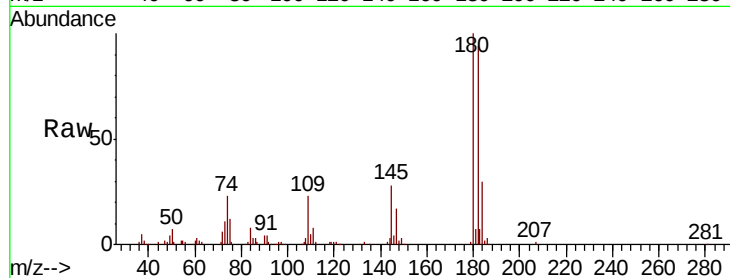




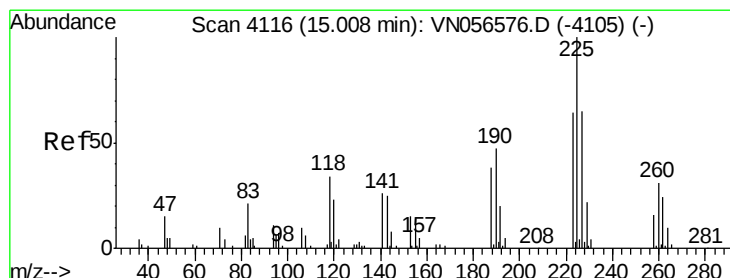
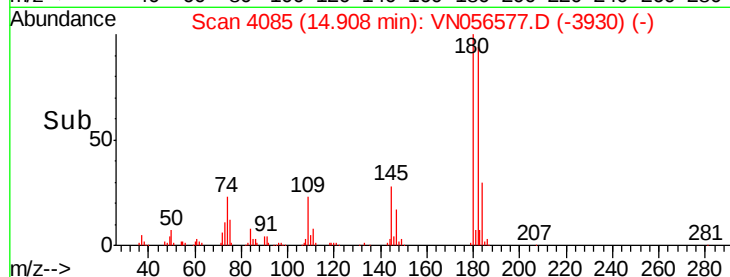
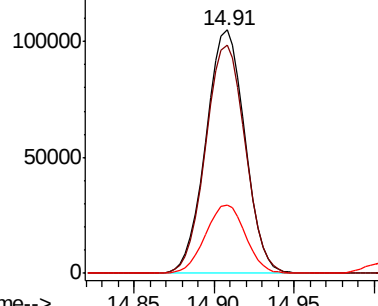
#89
 1,2,4-Trichlorobenzene
 Concen: 60.868 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:180 Resp: 173885
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.0 112.6
 145 28.8 22.1 33.1

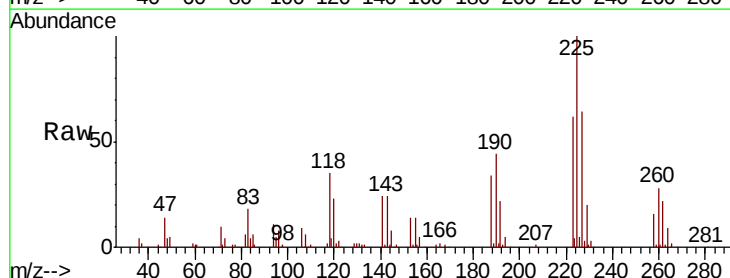


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

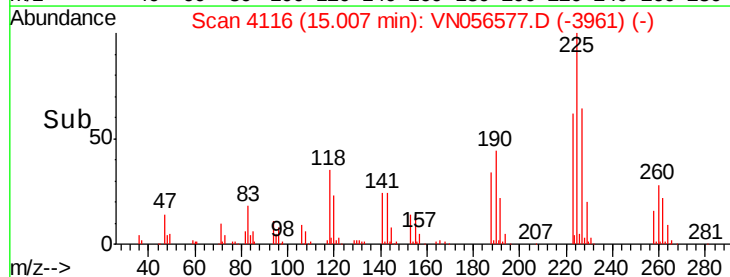
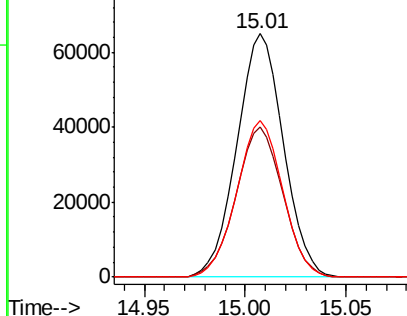


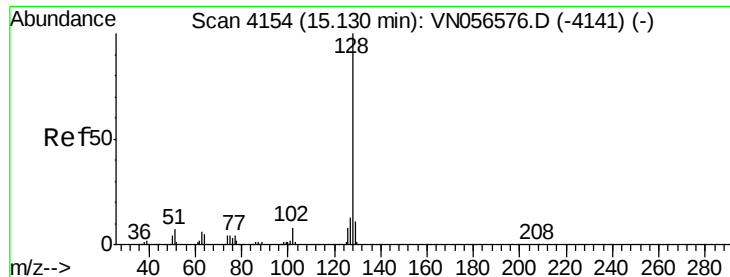
#90
 Hexachlorobutadiene
 Concen: 49.206 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056577.D
 Acq: 3 Jul 2019 9:56

Tgt Ion:225 Resp: 105206
 Ion Ratio Lower Upper
 225 100
 223 62.1 0.0 125.6
 227 63.4 0.0 128.6



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

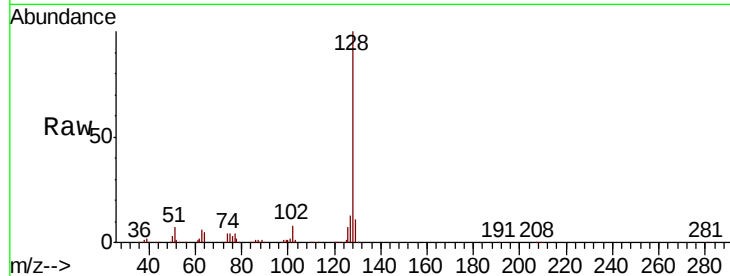




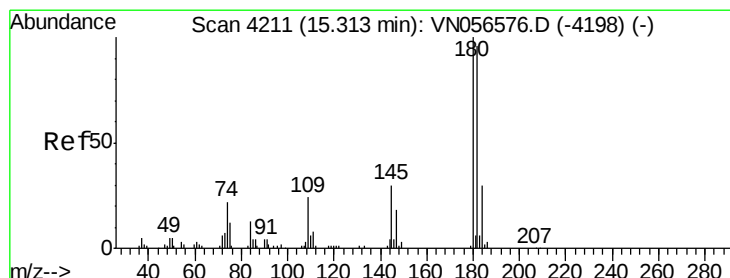
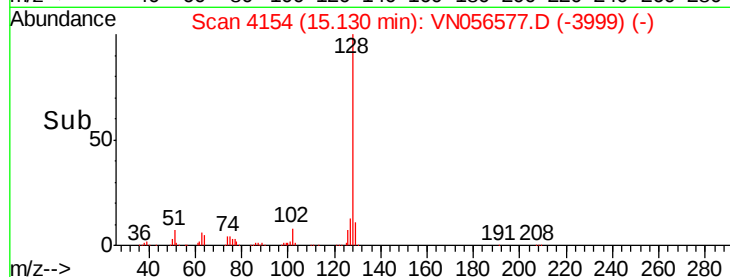
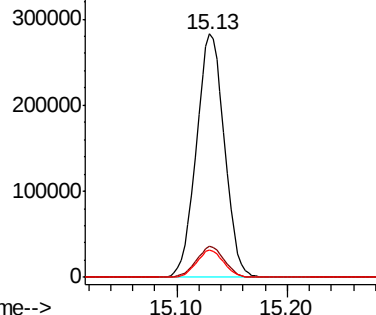
#91
Naphthalene
Concen: 63.892 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 496981
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.7 13.1

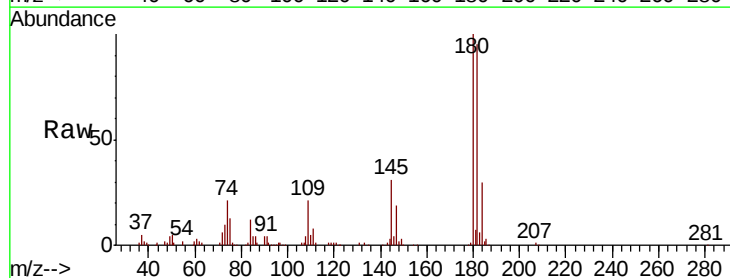


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 59.691 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN056577.D
Acq: 3 Jul 2019 9:56

Tgt Ion:180 Resp: 182999
Ion Ratio Lower Upper
180 100
182 95.2 0.0 193.4
145 30.6 0.0 59.8



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

