

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083019\
 Data File : VN057577.D
 Acq On : 30 Aug 2019 9:33
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Aug 30 23:16:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N083019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 30 23:13:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	87043	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	515015	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	450959	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	213997	26.43	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	88.10%
60) 4-Bromofluorobenzene	12.40	95	196624	26.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.33%
63) Toluene-d8	10.08	98	636263	28.49	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	94.97%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	97475	21.229	ug/l 100
3) Chloromethane	2.06	50	85312	13.557	ug/l 100
4) Vinyl Chloride	2.18	62	135457	16.527	ug/l 100
5) Bromomethane	2.56	94	125402	21.999	ug/l 100
6) Chloroethane	2.70	64	96716	17.323	ug/l 100
7) Trichlorofluoromethane	3.01	101	310966	22.125	ug/l 100
8) Diethyl Ether	3.40	74	100948	19.338	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	191344	23.711	ug/l 100
10) 1,1-Dichloroethene	3.72	96	168734	21.967	ug/l 100
11) Methyl Iodide	3.93	142	287406	33.958	ug/l 100
12) Methyl Acetate	4.31	43	85141	12.241	ug/l 100
13) Acrolein	3.60	56	54347	62.305	ug/l 100
14) Acrylonitrile	4.97	53	174126	71.073	ug/l 100
15) Acetone	3.81	58	104419	90.248	ug/l 100
16) Carbon Disulfide	4.03	76	166835	13.462	ug/l 100
17) Allyl chloride	4.30	41	57286	6.116	ug/l 96
18) Methylene Chloride	4.53	84	93657	17.544	ug/l 100
19) trans-1,2-Dichloroethene	5.02	96	90832	17.873	ug/l 100
20) Diisopropyl ether	5.94	45	280573	13.866	ug/l 100
21) 1,1-Dichloroethane	5.83	63	172899	16.034	ug/l 100
22) cis-1,2-Dichloroethene	6.81	96	118498	19.061	ug/l 100
23) tert-Butyl Alcohol	4.80	59	65151	72.766	ug/l 100
24) Methyl tert-Butyl Ether	5.03	73	296349	17.633	ug/l 100
25) Chloroform	7.36	83	203619	18.397	ug/l 100
26) Cyclohexane	7.64	56	145619	15.239	ug/l # 100
29) 1,1-Dichloropropene	7.78	75	141537	16.691	ug/l 100
30) 2-Butanone	6.82	43	241990	62.878	ug/l 100
31) 2,2-Dichloropropane	6.81	77	167105	17.209	ug/l 100
32) 1,1,1-Trichloroethane	7.56	97	187396	18.860	ug/l 100
33) Carbon Tetrachloride	7.76	117	155619	18.819	ug/l 100
34) Benzene	8.03	78	426153	17.073	ug/l 100
35) Methacrylonitrile	7.16	41	44421	11.595	ug/l 100
36) 1,2-Dichloroethane	8.11	62	161389	16.526	ug/l 100
37) Trichloroethene	8.82	130	121210	20.445	ug/l 100
38) Methylcyclohexane	9.07	83	174120	17.972	ug/l 100
39) 1,2-Dichloropropane	9.11	63	102944	14.879	ug/l 100
40) Dibromomethane	9.20	93	79984	18.148	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	160898	17.284	ug/l	100
42) Vinyl Acetate	5.88	43	1094898	63.042	ug/l	100
43) Ethyl Acetate	6.92	43	92793	12.335	ug/l	100
44) Isopropyl Acetate	8.16	43	182306	12.636	ug/l	100
45) 1,4-Dioxane	9.20	88	30563	334.819	ug/l	100
46) Methyl methacrylate	9.19	41	86629	12.604	ug/l	100
47) n-amyl Acetate	12.07	43	144228	12.266	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	154300	15.881	ug/l	100
49) cis-1,3-Dichloropropene	9.83	75	171062	16.087	ug/l	100
50) 1,1,2-Trichloroethane	10.56	97	108303	18.652	ug/l	100
51) Ethyl methacrylate	10.43	69	138815	14.896	ug/l	100
52) 1,3-Dichloropropane	10.70	76	174856	16.884	ug/l	100
53) Dibromochloromethane	10.90	129	116655	18.714	ug/l	100
54) 1,2-Dibromoethane	11.00	107	110621	18.482	ug/l	100
55) 2-Chloroethyl vinyl ether	9.69	63	162791	69.659	ug/l	100
56) Bromoform	12.13	173	73303	19.277	ug/l	100
58) 4-Methyl-2-Pentanone	9.98	43	510323	63.349	ug/l	100
59) 2-Hexanone	10.75	43	355079	63.623	ug/l	100
61) Tetrachloroethene	10.63	164	117504	22.234	ug/l	100
62) Toluene	10.15	91	487463	18.138	ug/l	100
64) Chlorobenzene	11.43	112	297686	19.845	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	113306	19.880	ug/l	100
66) Ethyl Benzene	11.51	91	531125	18.334	ug/l	100
67) m/p-Xylenes	11.62	106	398968	39.052	ug/l	100
68) o-Xylene	11.95	106	197502	19.648	ug/l	100
69) Styrene	11.96	104	311834	19.217	ug/l	100
70) Isopropylbenzene	12.25	105	544903	20.050	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	132775	17.443	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	163006	23.791	ug/l	60
73) Bromobenzene	12.53	156	120565	21.381	ug/l	100
74) n-propylbenzene	12.59	91	555828	18.181	ug/l	100
75) 2-Chlorotoluene	12.67	91	336241	18.684	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	445746	19.979	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	29376	12.466	ug/l	100
78) 4-Chlorotoluene	12.77	91	321877	18.649	ug/l	100
79) tert-butylbenzene	12.99	119	398583	20.787	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	431114	20.556	ug/l	100
81) sec-Butylbenzene	13.17	105	503600	20.028	ug/l	100
82) p-Isopropyltoluene	13.29	119	437802	20.421	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	185268	20.961	ug/l	100
84) 1,4-Dichlorobenzene	13.37	146	175887	20.434	ug/l	100
85) n-Butylbenzene	13.62	91	319510	17.483	ug/l	100
86) Hexachloroethane	13.88	117	74318	17.897	ug/l	100
87) 1,2-Dichlorobenzene	13.65	146	186959	21.543	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	18051	14.326	ug/l	100
89) 1,2,4-Trichlorobenzene	14.91	180	49789	15.353	ug/l	100
90) Hexachlorobutadiene	15.01	225	59700	23.759	ug/l	100
91) Naphthalene	15.13	128	148456	14.558	ug/l	100
92) 1,2,3-Trichlorobenzene	15.30	180	50302	15.711	ug/l	100

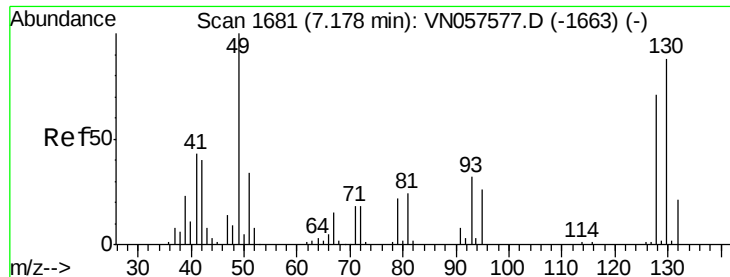
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

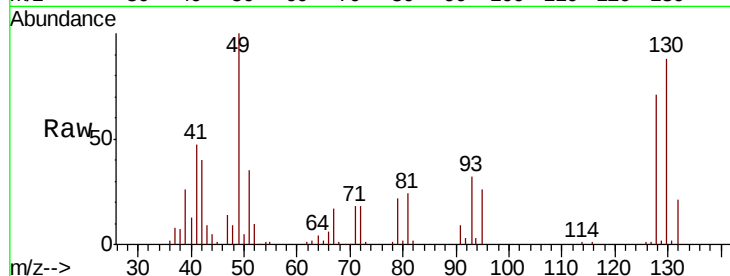
Tgt Ion:128 Resp: 87043

Ion Ratio Lower Upper

128 100

49 140.9 0.0 352.3

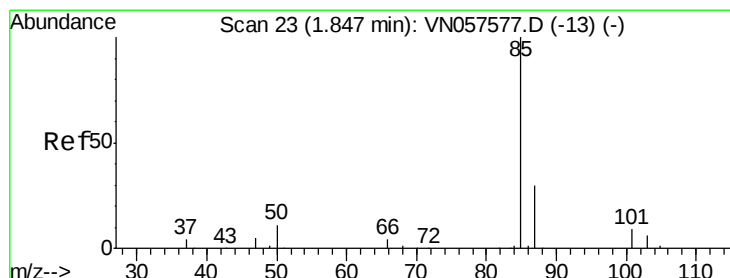
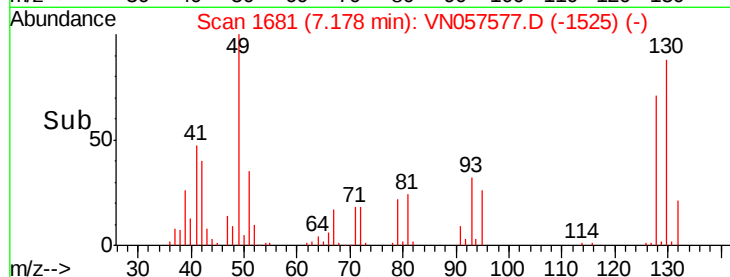
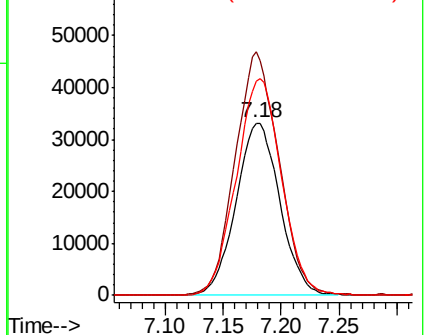
130 129.9 0.0 324.7



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: 21.229 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057577.D

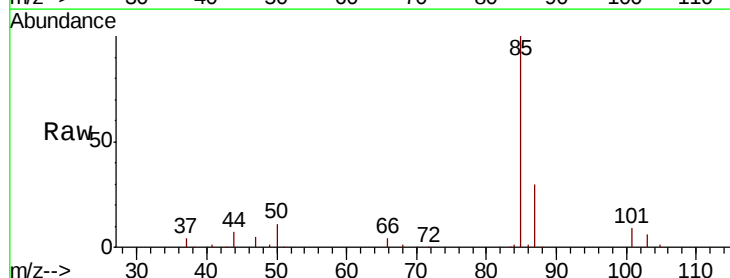
Acq: 30 Aug 2019 9:33

Tgt Ion: 85 Resp: 97475

Ion Ratio Lower Upper

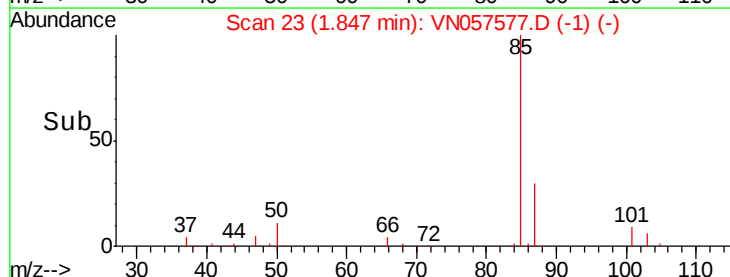
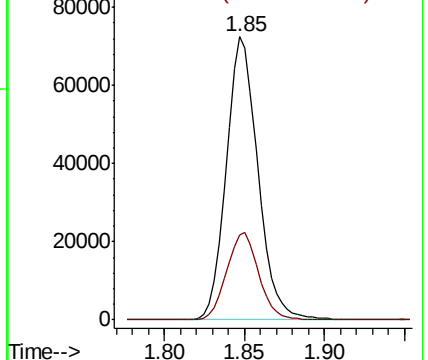
85 100

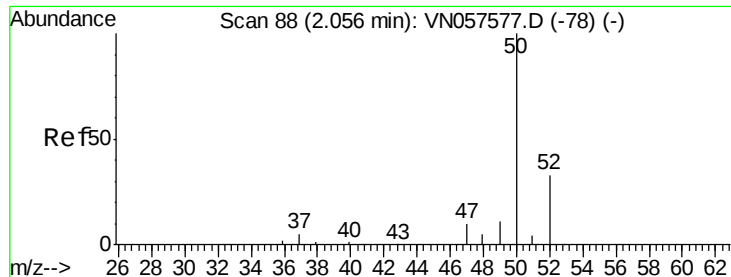
87 30.0 15.0 45.0



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN

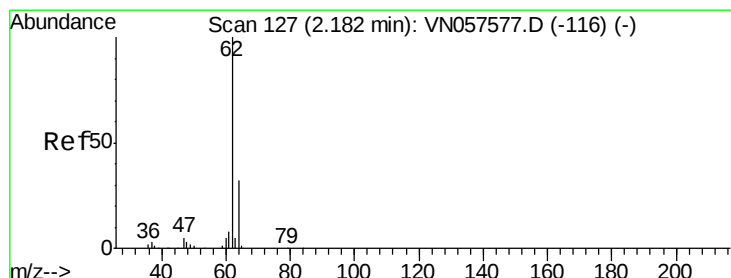
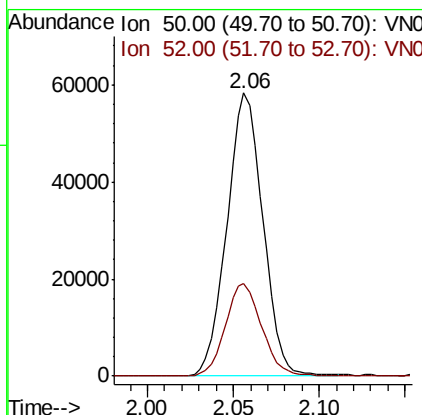
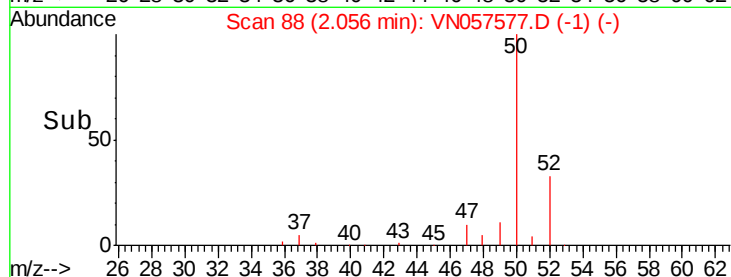
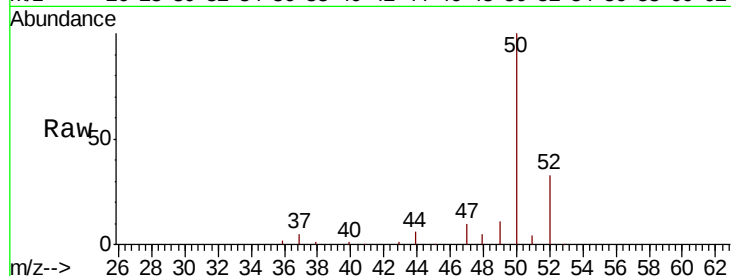




#3
Chloromethane
Concen: 13.557 ug/l
RT: 2.06 min Scan# 88
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

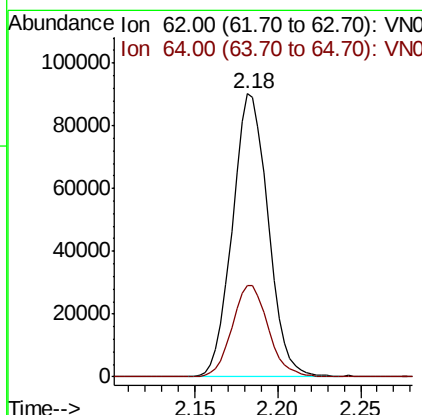
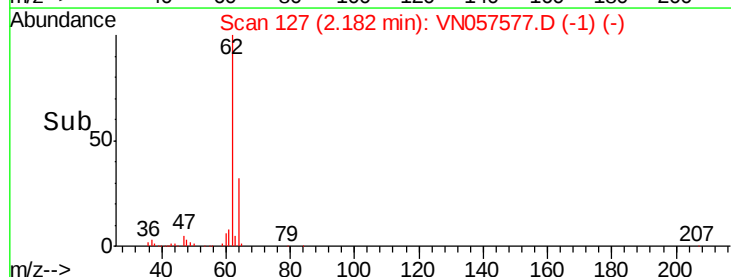
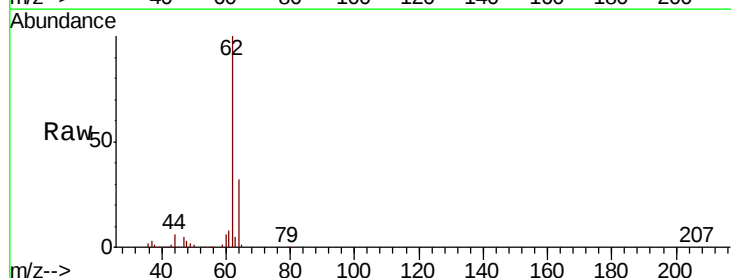
Instrument :
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VSTDICCC020

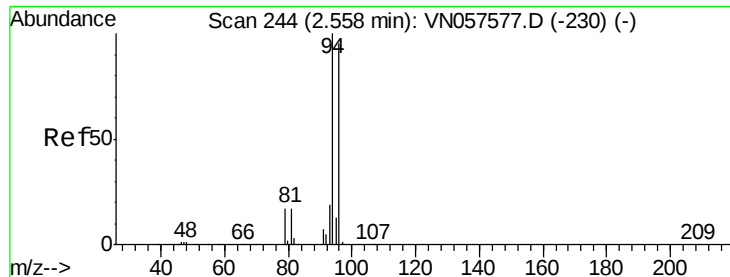
Tgt Ion: 50 Resp: 85312
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 16.527 ug/l
RT: 2.18 min Scan# 127
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Tgt Ion: 62 Resp: 135457
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9





#5

Bromomethane

Concen: 21.999 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

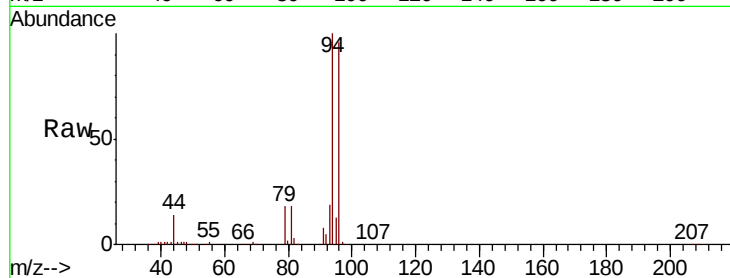
VSTDICCC020

Tgt Ion: 94 Resp: 125402

Ion Ratio Lower Upper

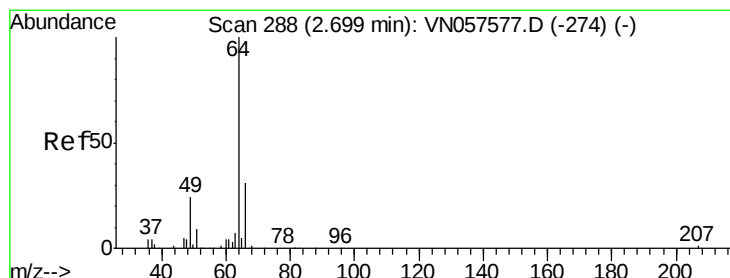
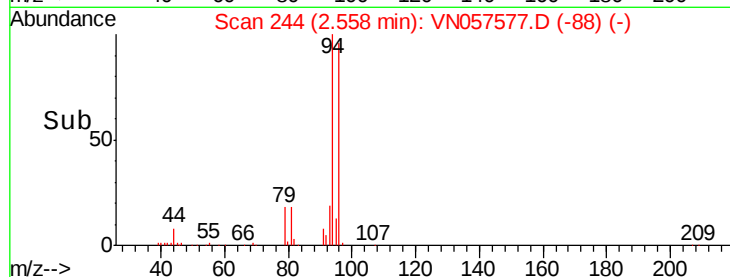
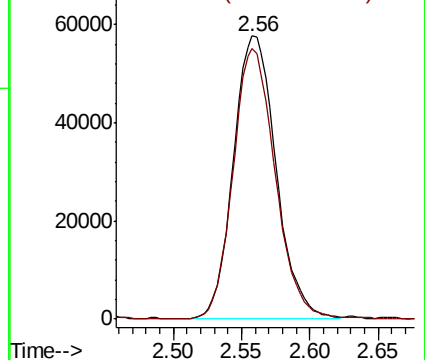
94 100

96 95.3 76.2 114.4



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 17.323 ug/l

RT: 2.70 min Scan# 288

Delta R.T. 0.00 min

Lab File: VN057577.D

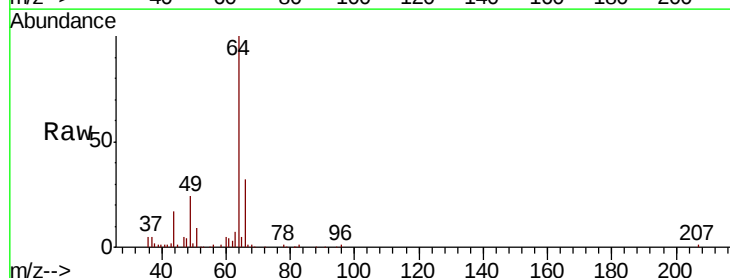
Acq: 30 Aug 2019 9:33

Tgt Ion: 64 Resp: 96716

Ion Ratio Lower Upper

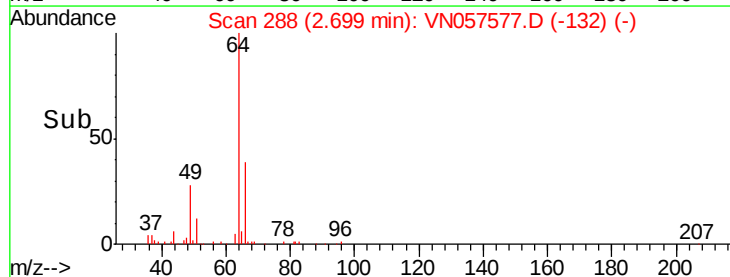
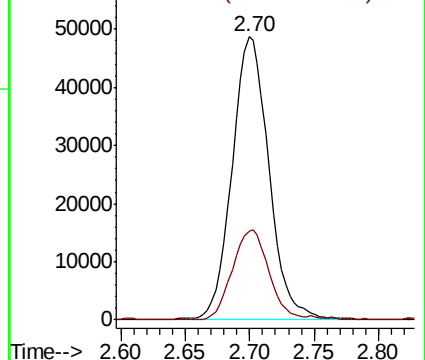
64 100

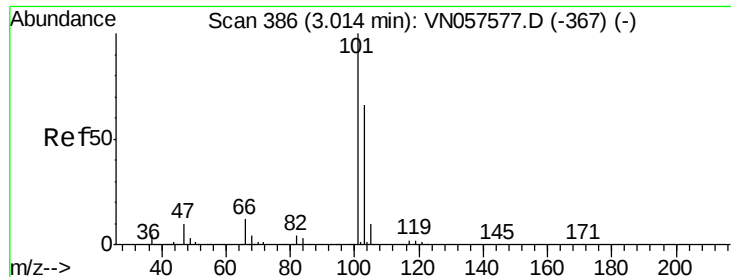
66 31.4 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



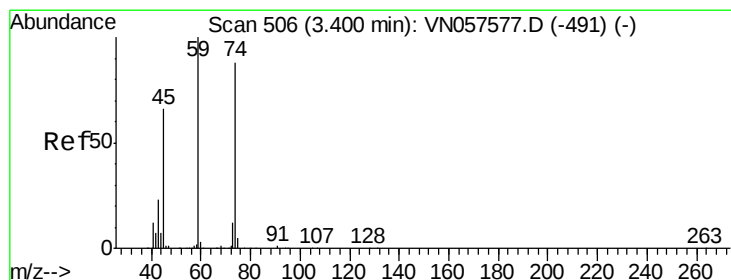
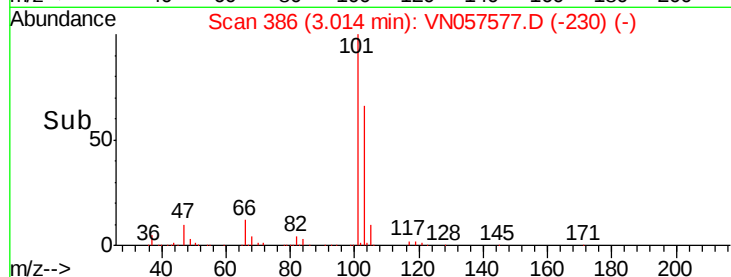
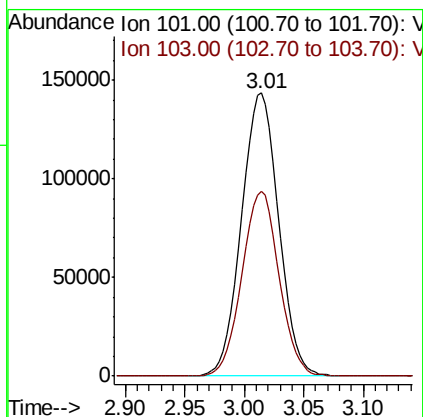
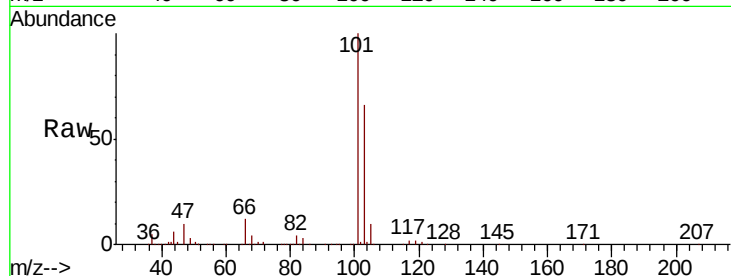


#7

Trichlorofluoromethane
 Concen: 22.125 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

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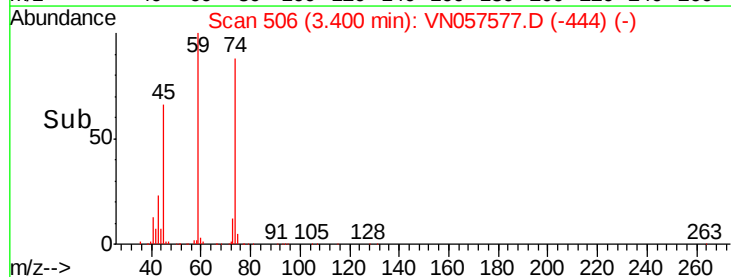
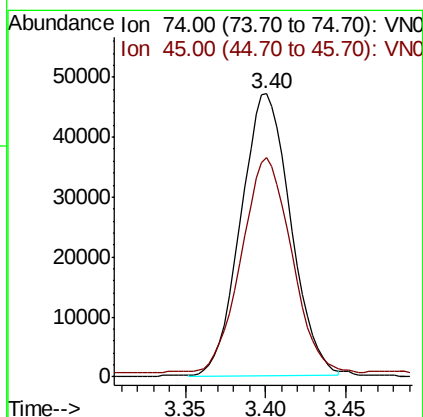
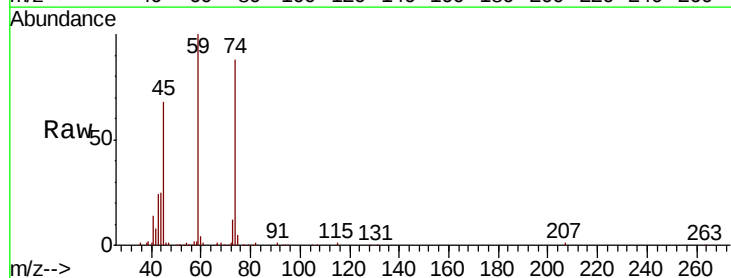
Tgt Ion: 101 Resp: 310966
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.4 78.6

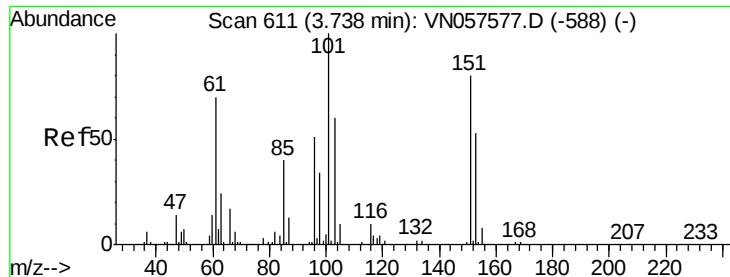


#8

Diethyl Ether
 Concen: 19.338 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion: 74 Resp: 100948
 Ion Ratio Lower Upper
 74 100
 45 77.0 15.2 137.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.711 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

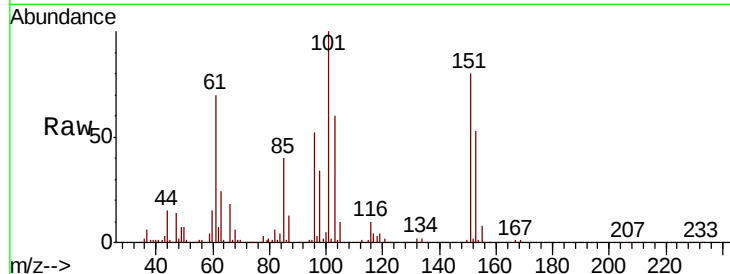
Tgt Ion: 101 Resp: 191344

Ion Ratio Lower Upper

101 100

85 41.6 0.0 83.2

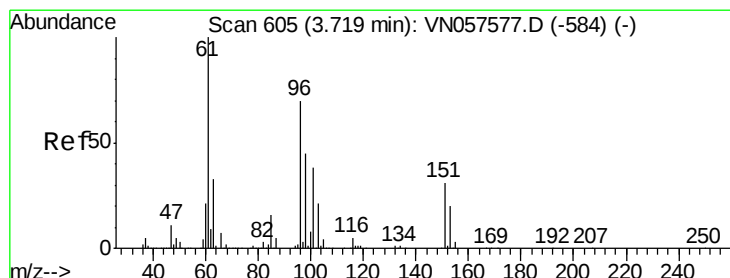
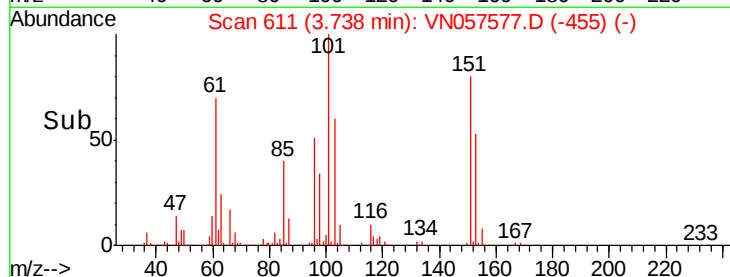
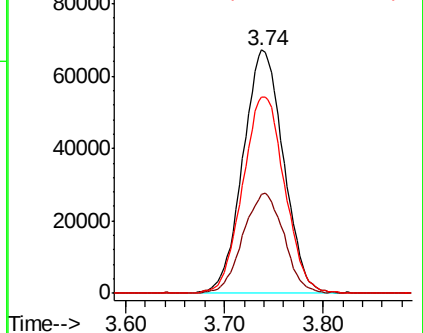
151 83.3 0.0 166.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 21.967 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

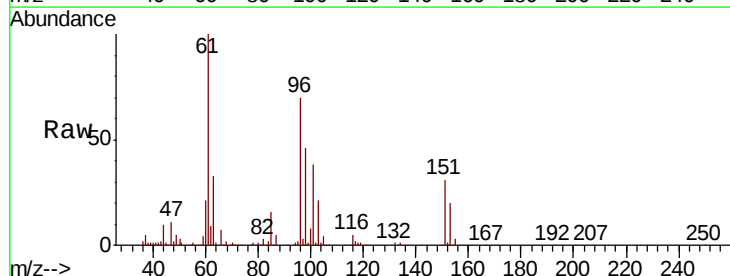
Tgt Ion: 96 Resp: 168734

Ion Ratio Lower Upper

96 100

61 142.8 114.2 171.4

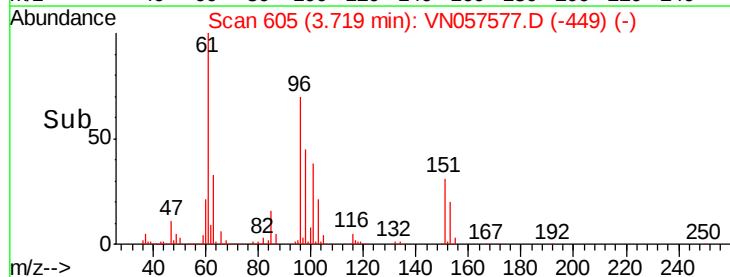
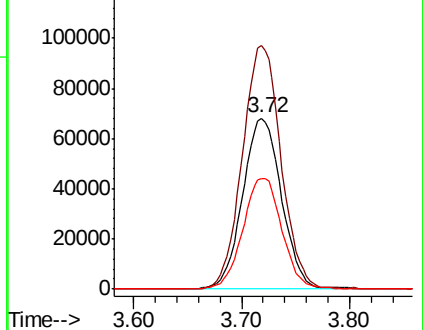
98 64.7 51.8 77.6

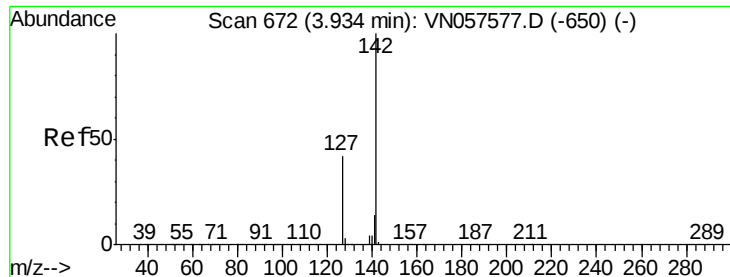


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

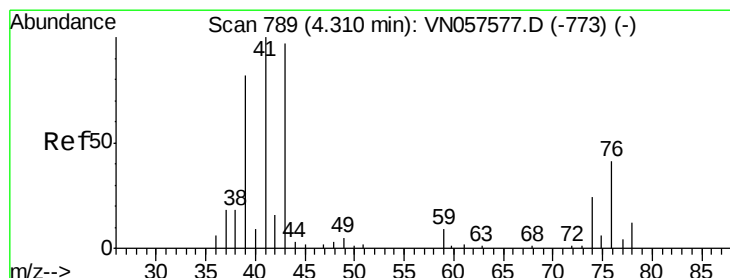
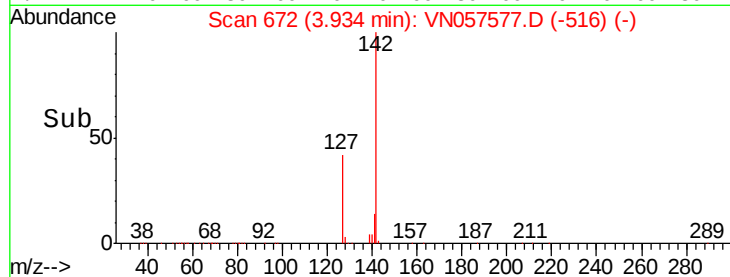
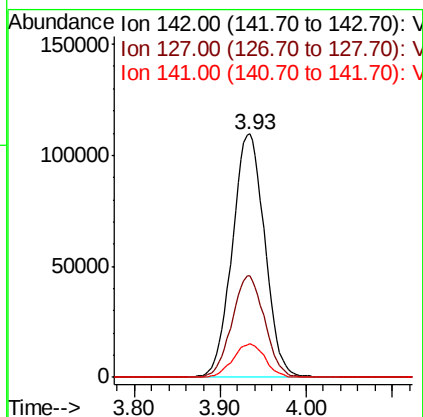
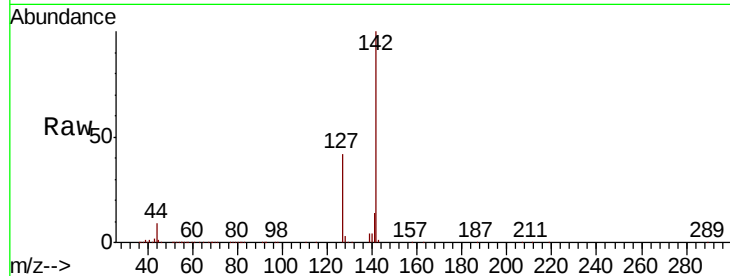




#11
Methyl Iodide
Concen: 33.958 ug/l
RT: 3.93 min Scan# 672
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

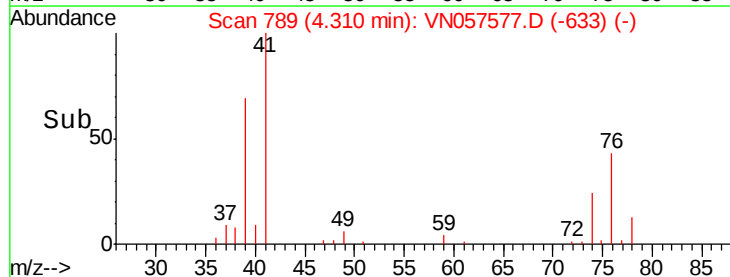
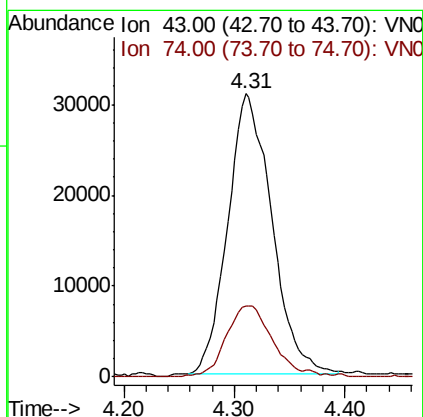
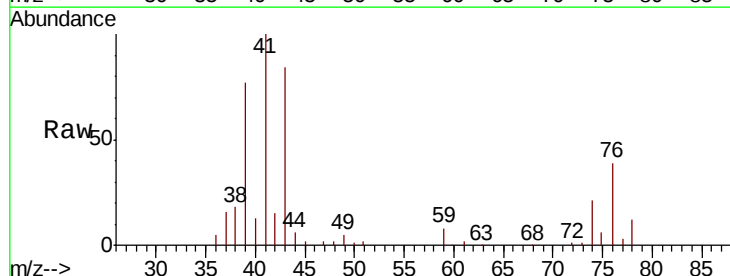
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

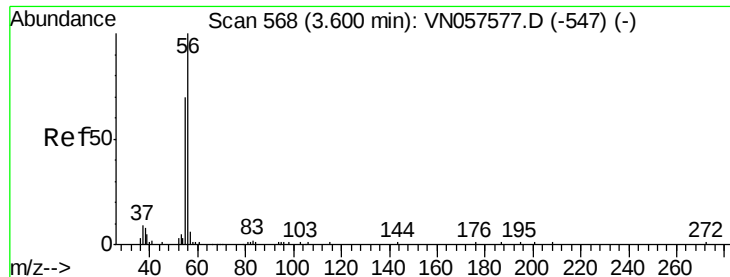
Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.6	20.8	62.4
141	13.6	6.8	20.4



#12
Methyl Acetate
Concen: 12.241 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.6	29.4





#13

Acrolein

Concen: 62.305 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

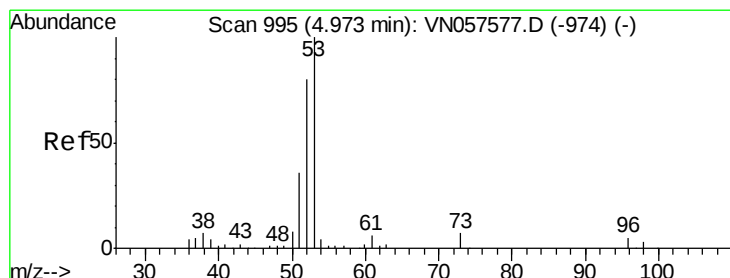
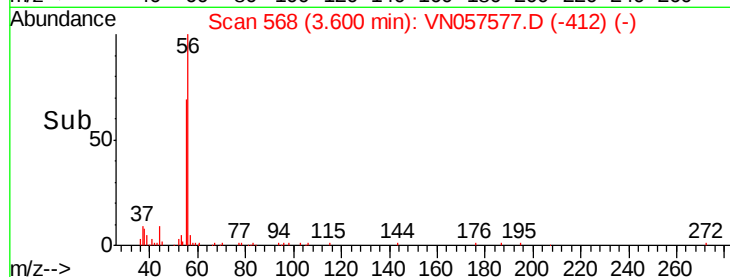
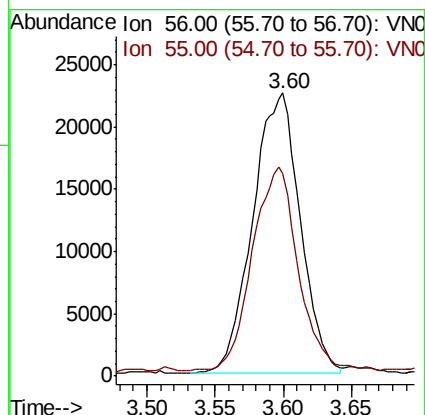
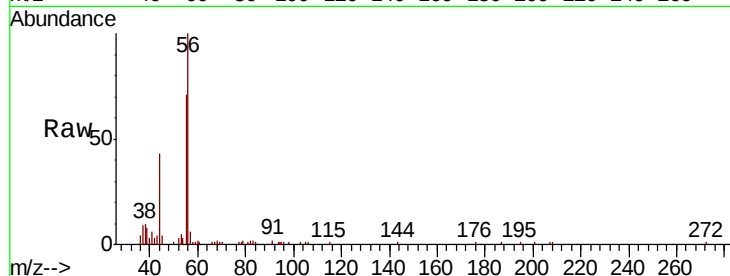
VSTDICCC020

Tgt Ion: 56 Resp: 54347

Ion Ratio Lower Upper

56 100

55 68.1 54.5 81.7



#14

Acrylonitrile

Concen: 71.073 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

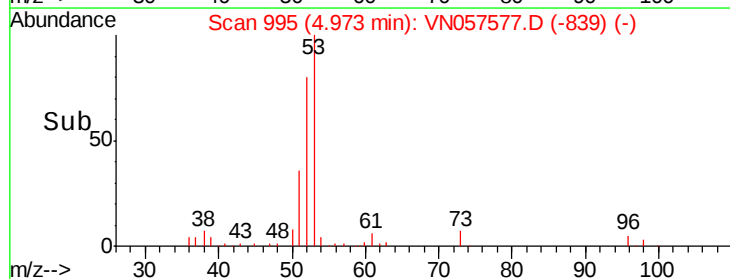
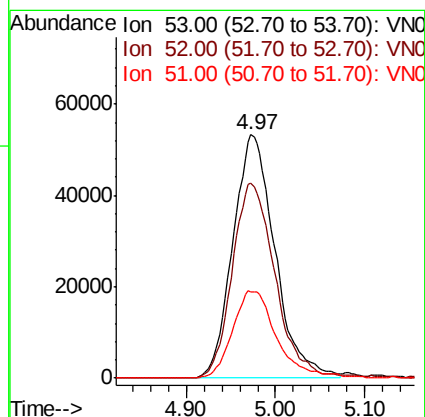
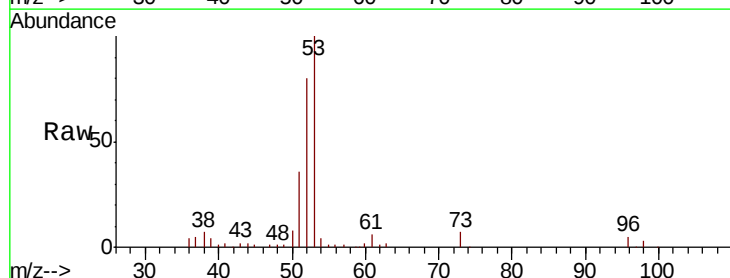
Tgt Ion: 53 Resp: 174126

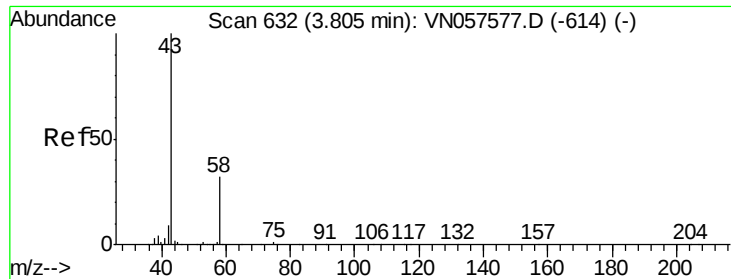
Ion Ratio Lower Upper

53 100

52 81.3 40.6 122.0

51 16.6 8.3 24.9





#15

Acetone

Concen: 90.248 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

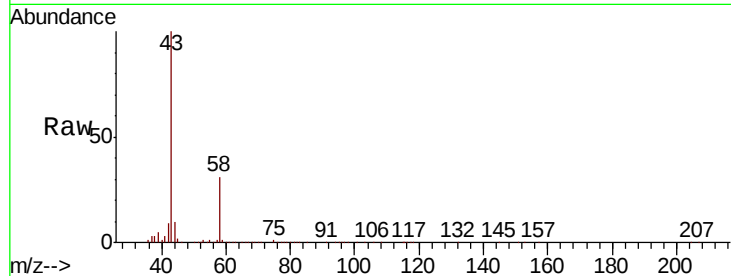
VSTDICCC020

Tgt Ion: 58 Resp: 104419

Ion Ratio Lower Upper

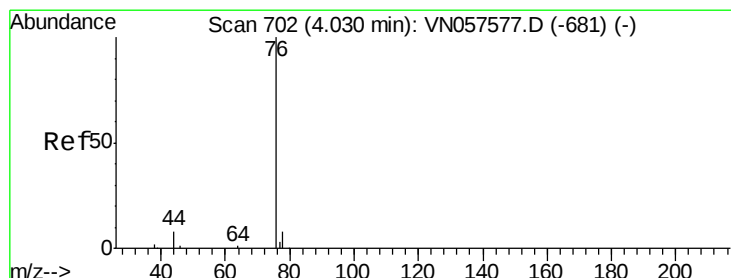
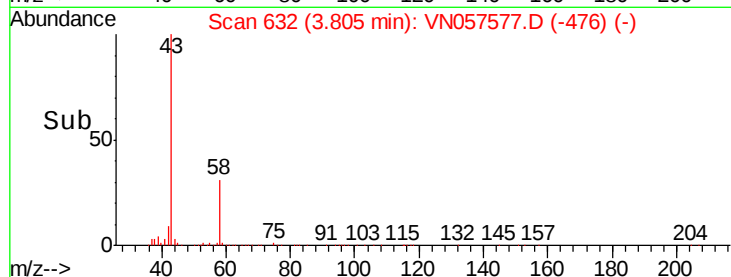
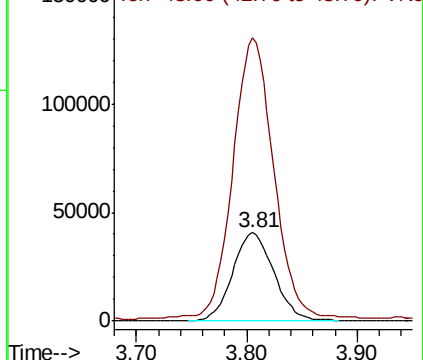
58 100

43 316.0 252.8 379.2



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 13.462 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN057577.D

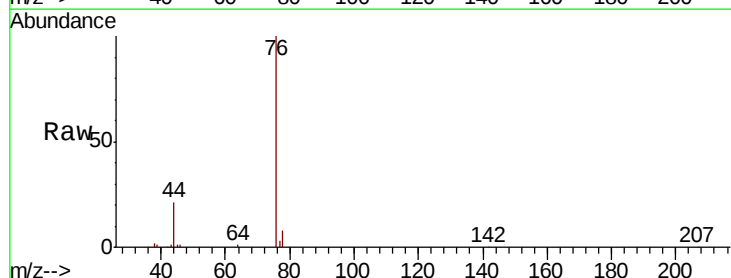
Acq: 30 Aug 2019 9:33

Tgt Ion: 76 Resp: 166835

Ion Ratio Lower Upper

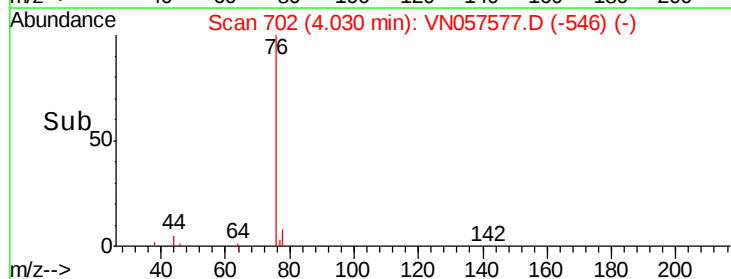
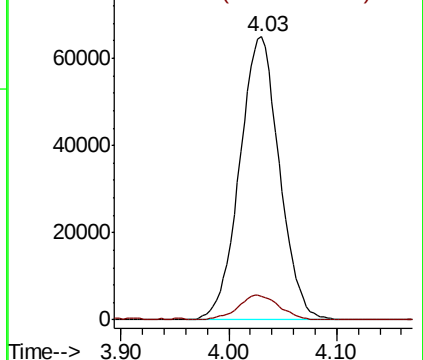
76 100

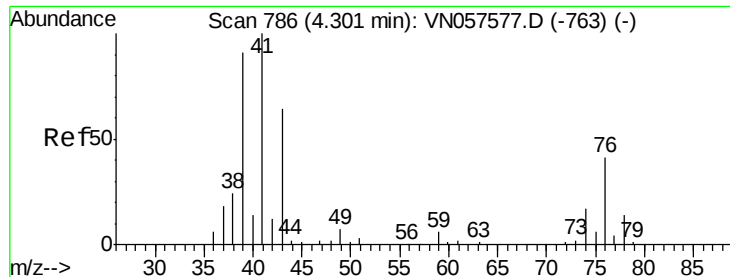
78 8.4 6.7 10.1



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#17

Allyl chloride

Concen: 6.116 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

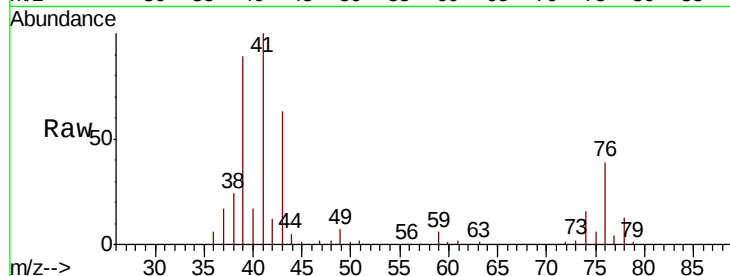
Tgt Ion: 41 Resp: 57286

Ion Ratio Lower Upper

41 100

39 93.4 44.6 134.0

76 42.2 19.8 59.3

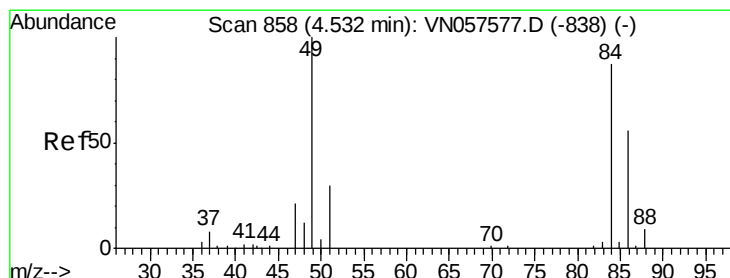
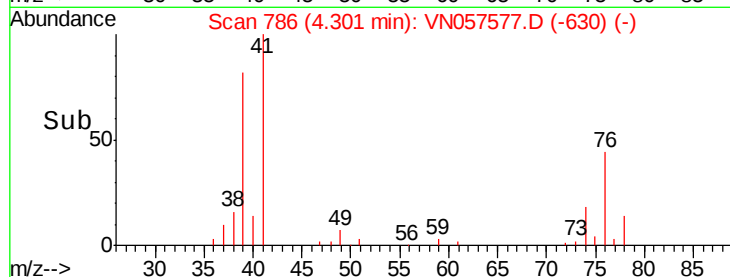
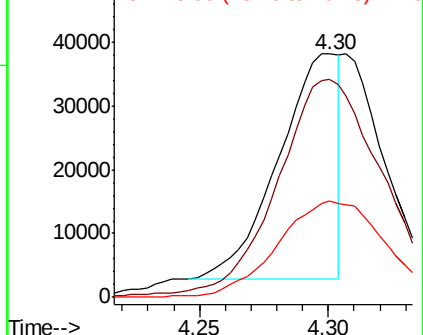


Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 76.00 (75.70 to 76.70): VN0



#18

Methylene Chloride

Concen: 17.544 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Tgt Ion: 84 Resp: 93657

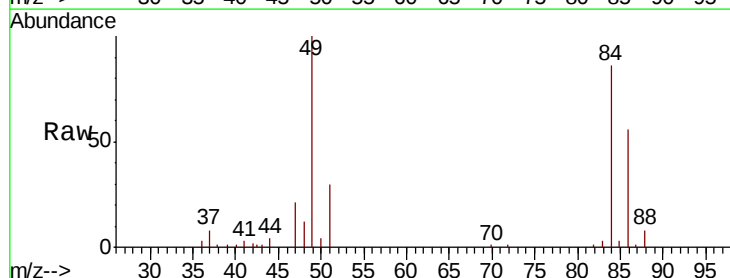
Ion Ratio Lower Upper

84 100

49 115.5 92.4 138.6

51 34.9 27.9 41.9

86 65.2 52.2 78.2



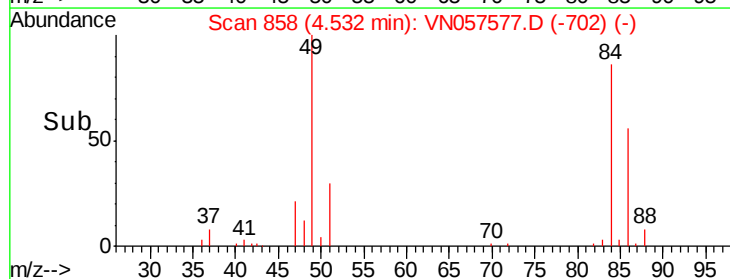
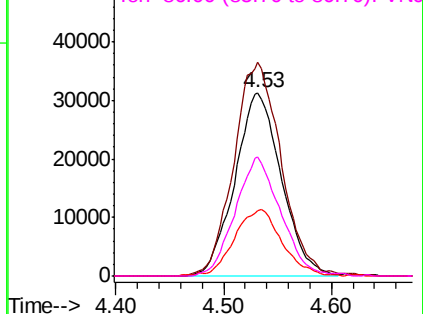
Abundance

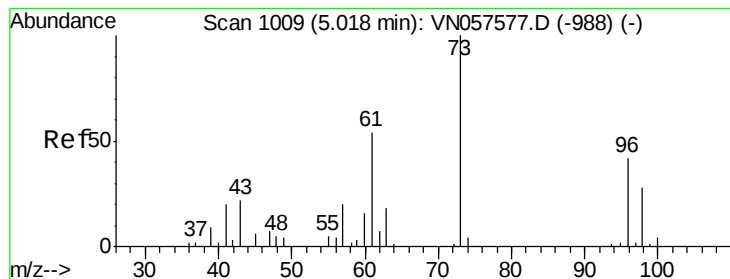
Ion 84.00 (83.70 to 84.70): VN0

Ion 49.00 (48.70 to 49.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#19

trans-1,2-Dichloroethene

Concen: 17.873 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

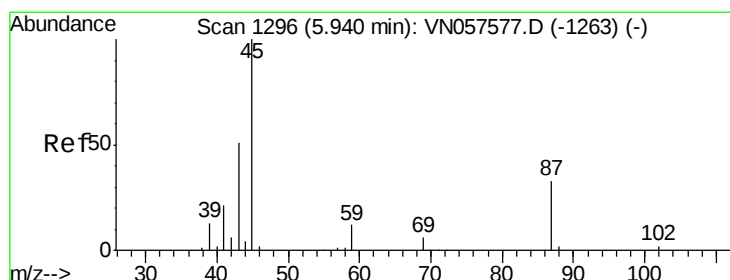
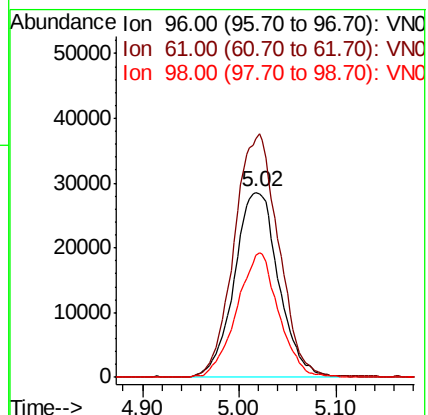
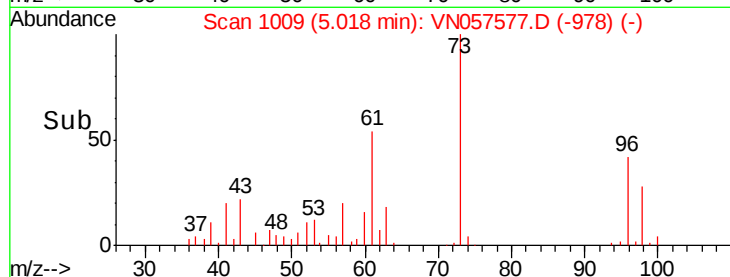
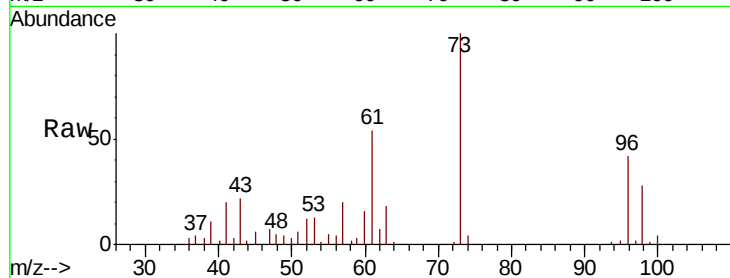
Tgt Ion: 96 Resp: 90832

Ion Ratio Lower Upper

96 100

61 128.2 102.6 153.8

98 65.8 52.6 79.0



#20

Diisopropyl ether

Concen: 13.866 ug/l

RT: 5.94 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Tgt Ion: 45 Resp: 280573

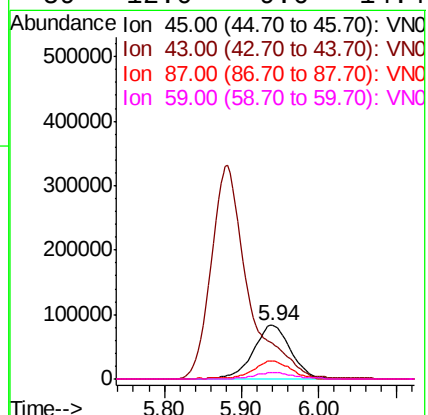
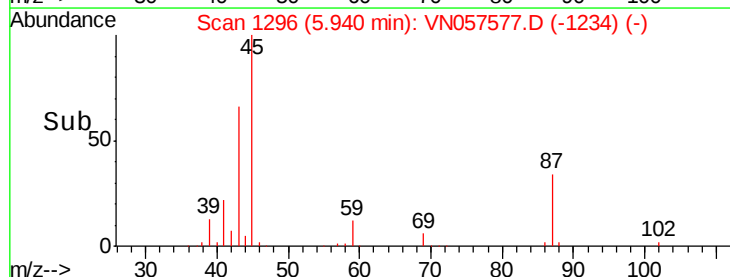
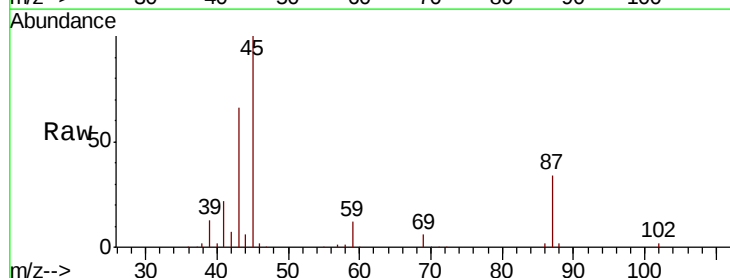
Ion Ratio Lower Upper

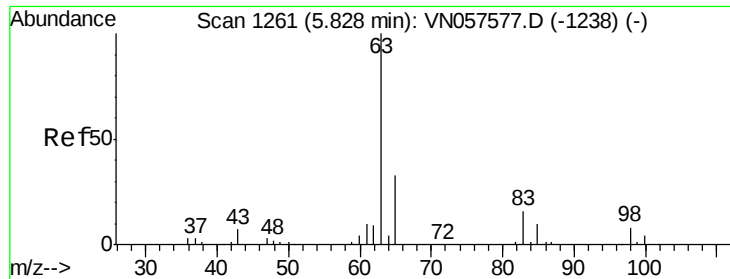
45 100

43 64.9 51.9 77.9

87 34.1 27.3 40.9

59 12.0 9.6 14.4

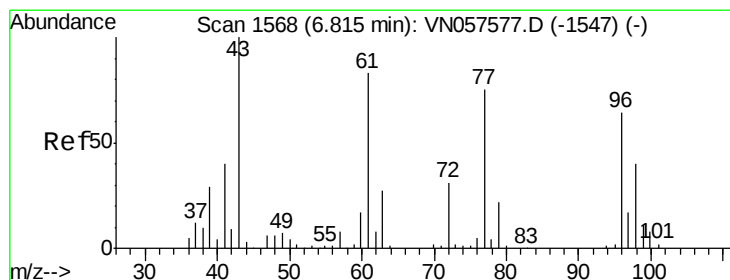
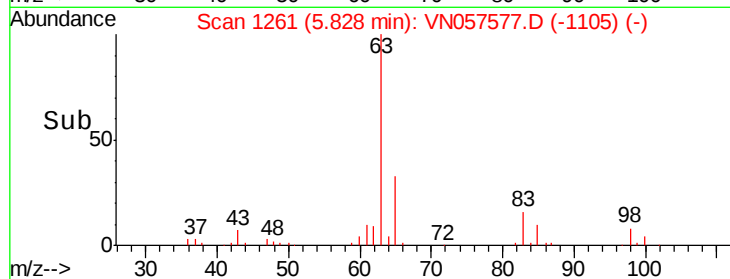
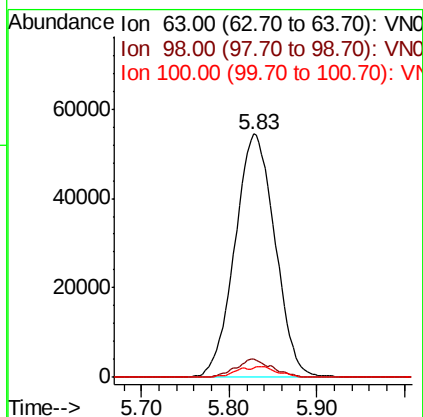
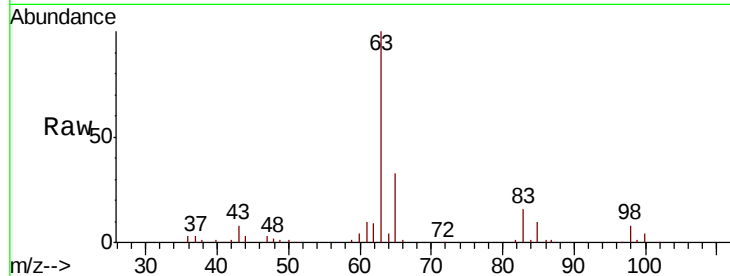




#21
 1,1-Dichloroethane
 Concen: 16.034 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

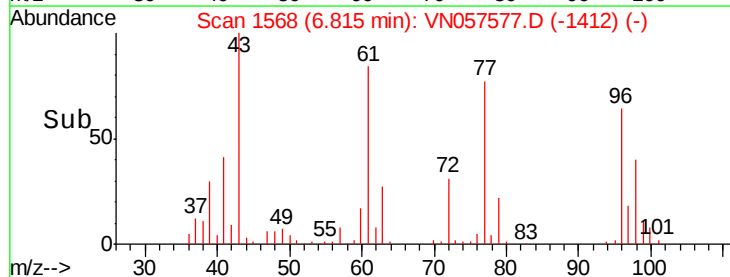
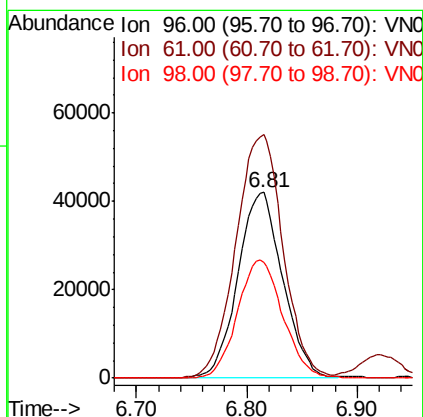
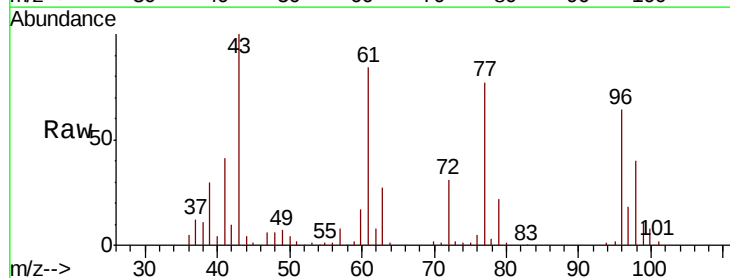
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

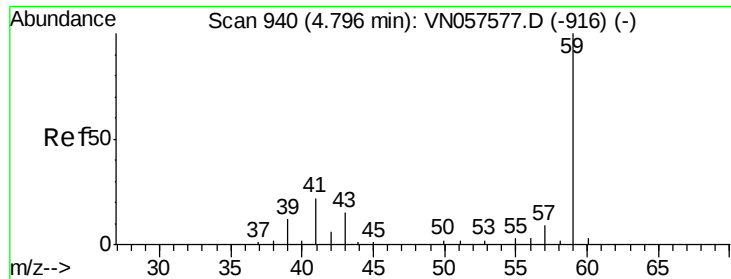
Tgt Ion: 63 Resp: 172899
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.0 2.0 6.0



#22
 cis-1,2-Dichloroethene
 Concen: 19.061 ug/l
 RT: 6.81 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion: 96 Resp: 118498
 Ion Ratio Lower Upper
 96 100
 61 138.1 110.5 165.7
 98 63.9 51.1 76.7



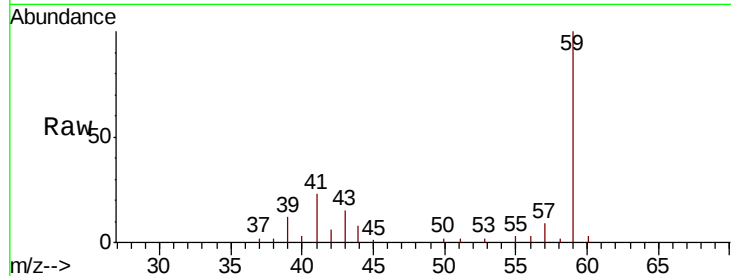


#23

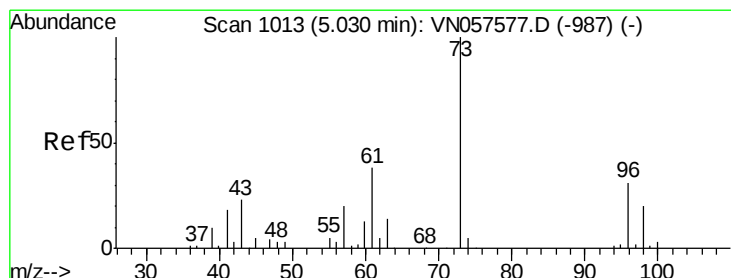
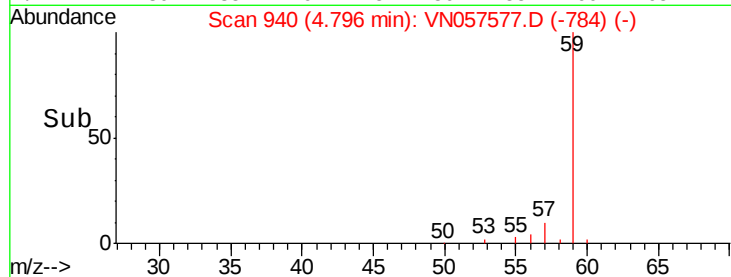
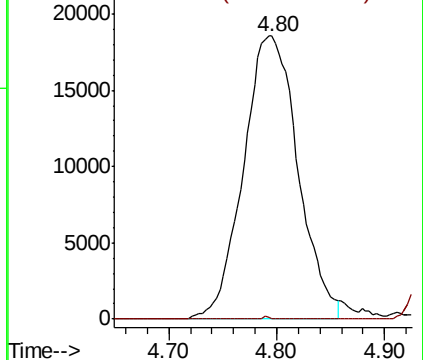
tert-Butyl Alcohol
 Concen: 72.766 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 59 Resp: 65151
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1



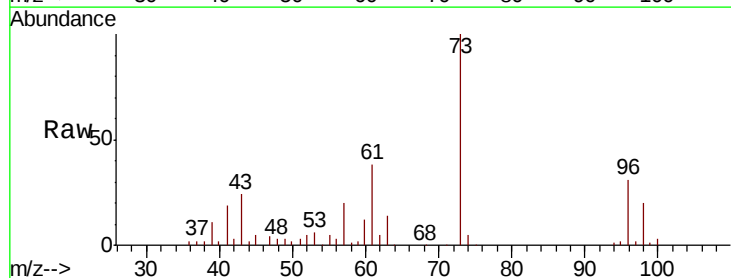
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0



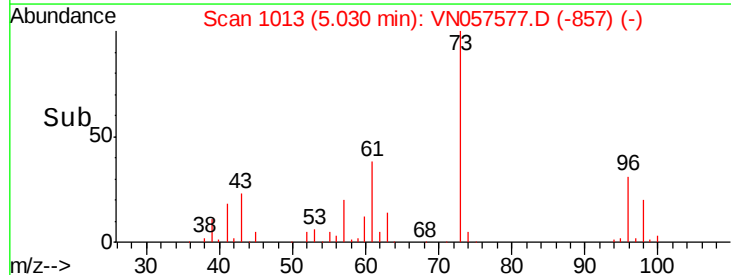
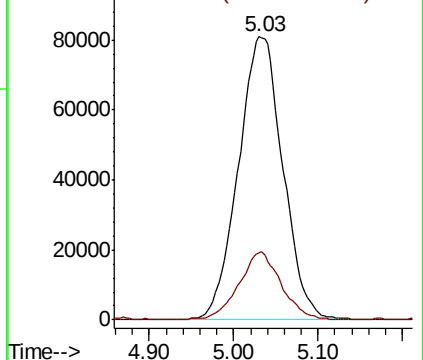
#24

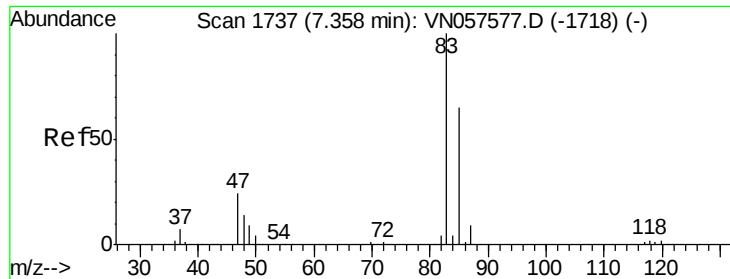
Methyl tert-Butyl Ether
 Concen: 17.633 ug/l
 RT: 5.03 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion: 73 Resp: 296349
 Ion Ratio Lower Upper
 73 100
 43 23.0 18.4 27.6



Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0

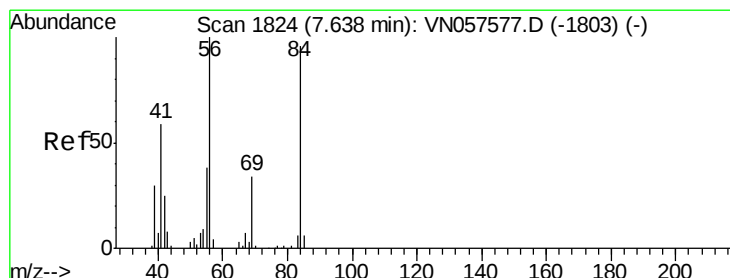
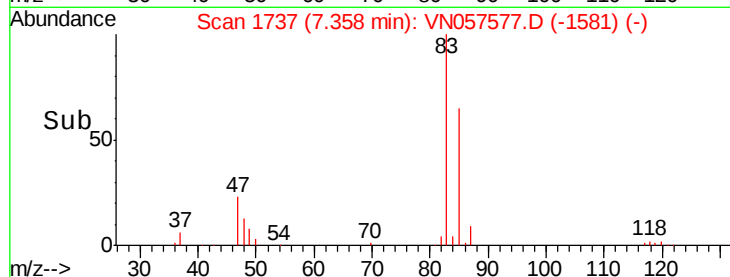
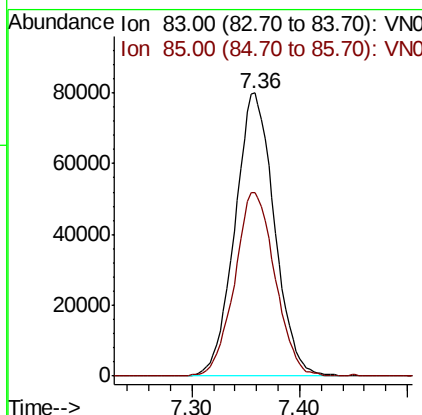
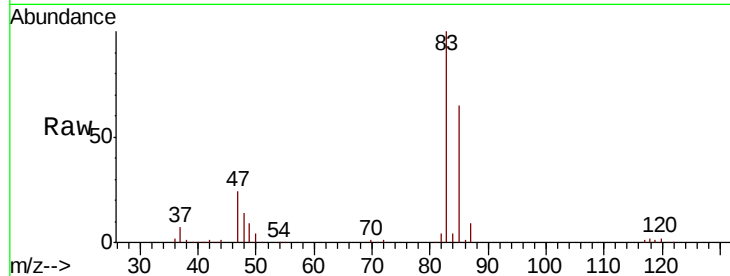




#25
Chloroform
Concen: 18.397 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

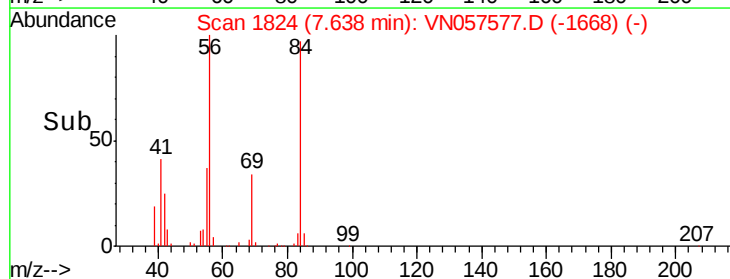
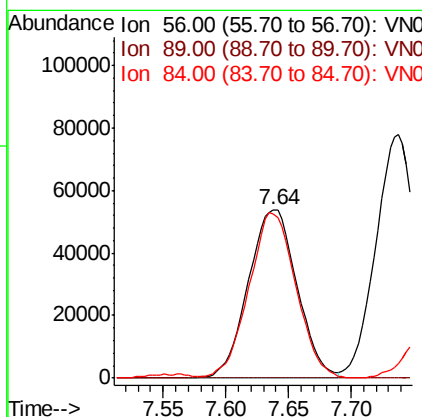
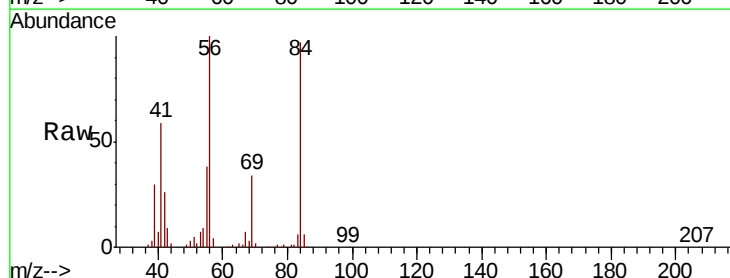
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

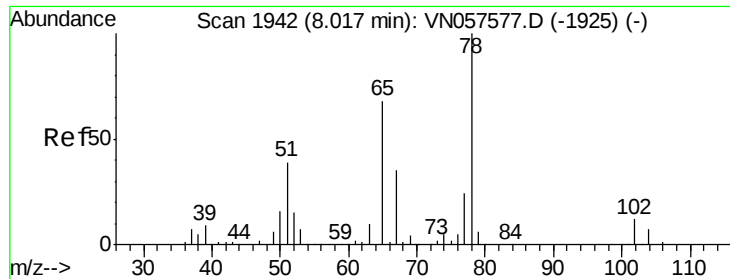
Tgt Ion: 83 Resp: 203619
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6



#26
Cyclohexane
Concen: 15.239 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Tgt Ion: 56 Resp: 145619
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.9 75.9 113.9

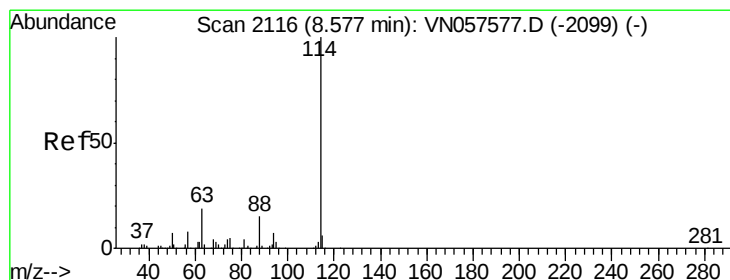
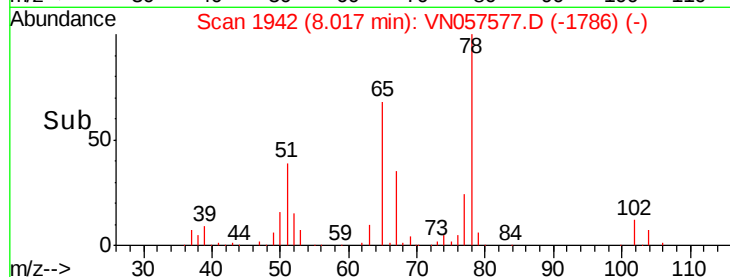
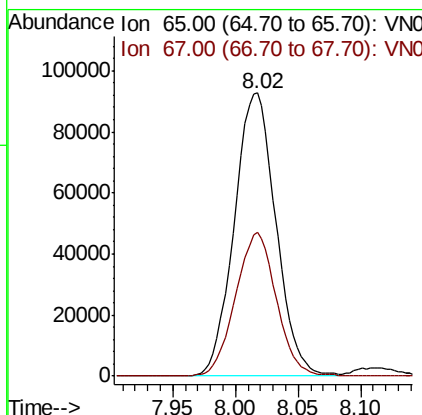
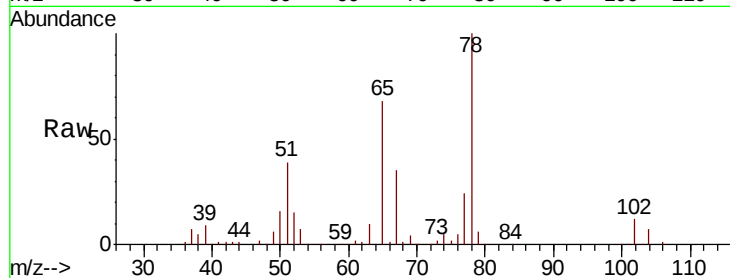




#27
 1,2-Dichloroethane-d4
 Concen: 26.425 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

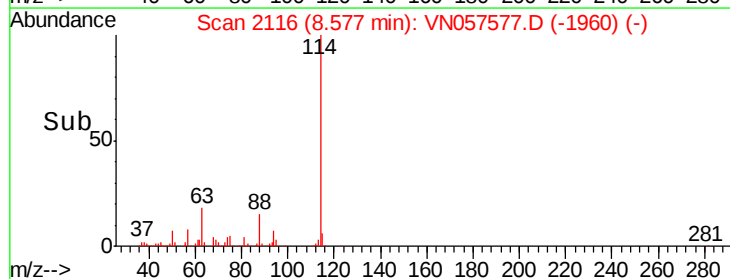
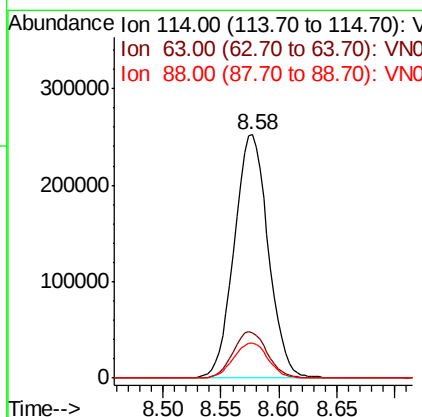
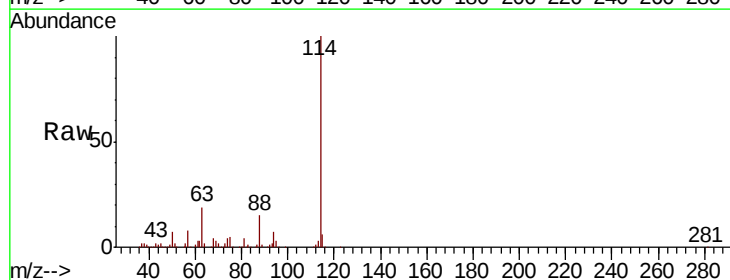
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

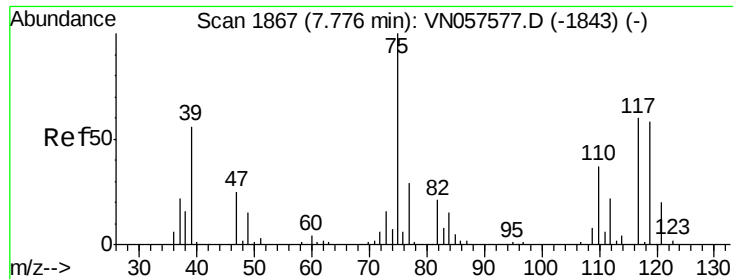
Tgt Ion: 65 Resp: 213997
 Ion Ratio Lower Upper
 65 100
 67 49.7 39.8 59.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion: 114 Resp: 515015
 Ion Ratio Lower Upper
 114 100
 63 19.2 15.4 23.0
 88 14.8 11.8 17.8

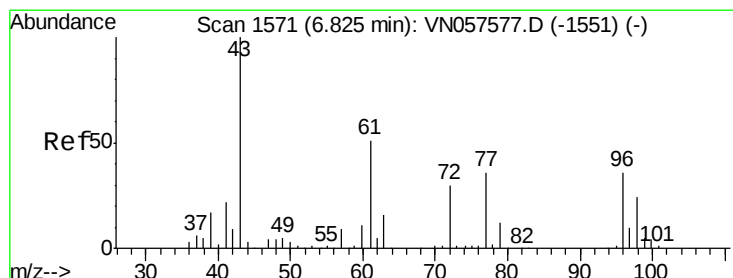
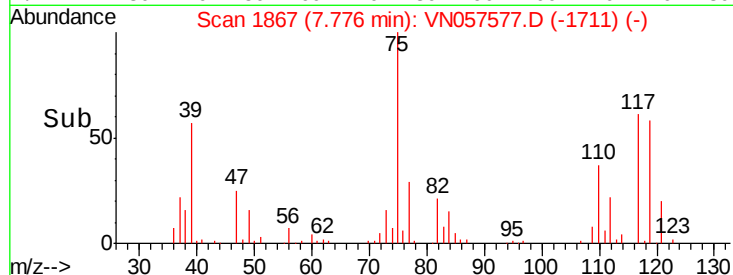
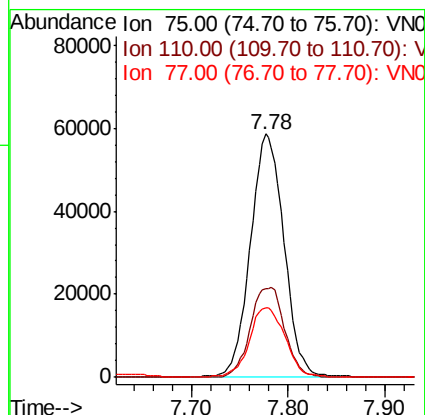
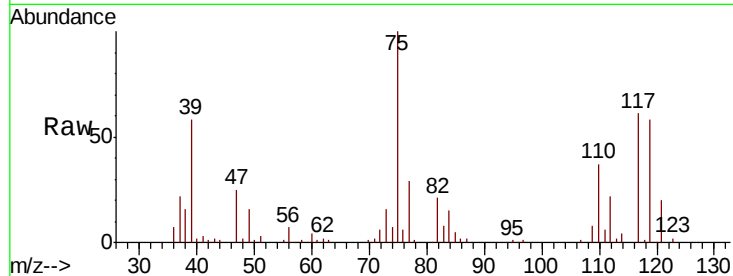




#29
 1,1-Dichloropropene
 Concen: 16.691 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

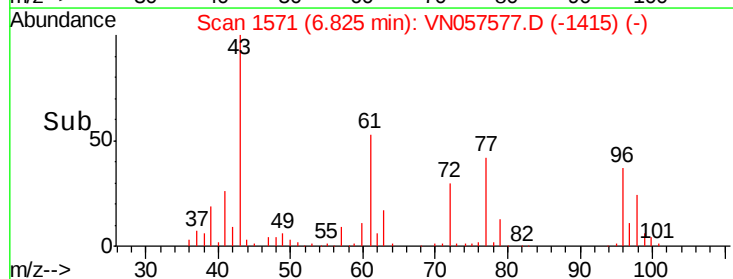
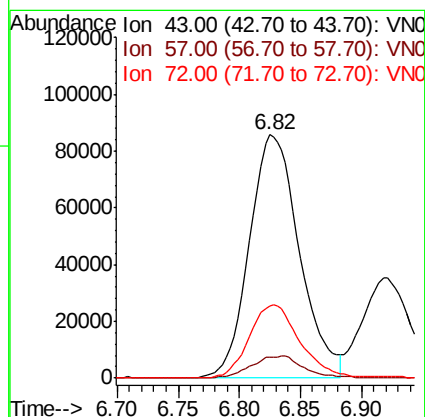
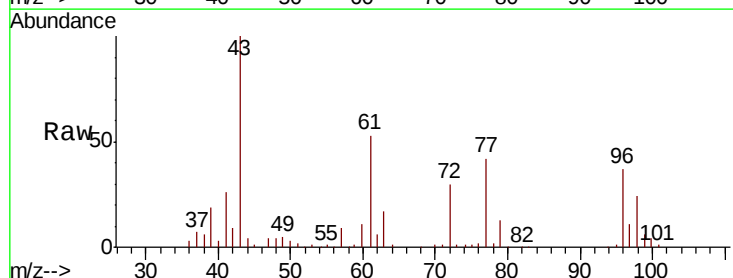
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

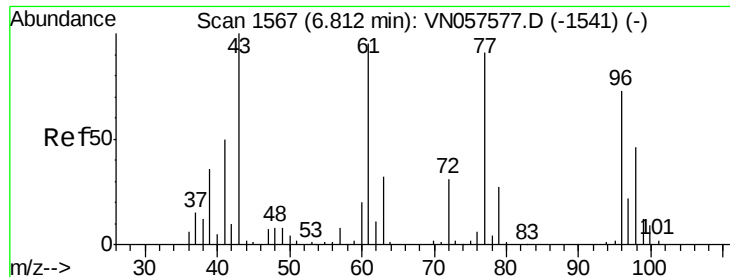
Tgt Ion: 75 Resp: 141537
 Ion Ratio Lower Upper
 75 100
 110 37.7 0.0 75.4
 77 30.5 0.0 61.0



#30
 2-Butanone
 Concen: 62.878 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion: 43 Resp: 241990
 Ion Ratio Lower Upper
 43 100
 57 4.4 3.5 5.3
 72 30.7 24.6 36.8

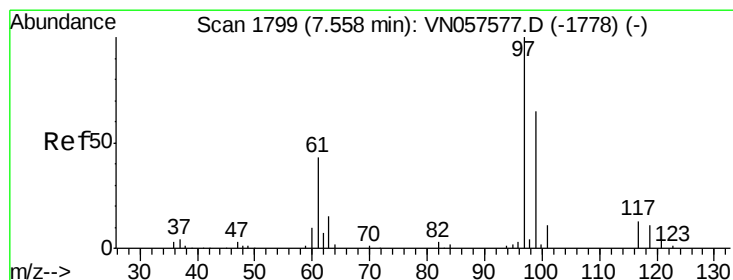
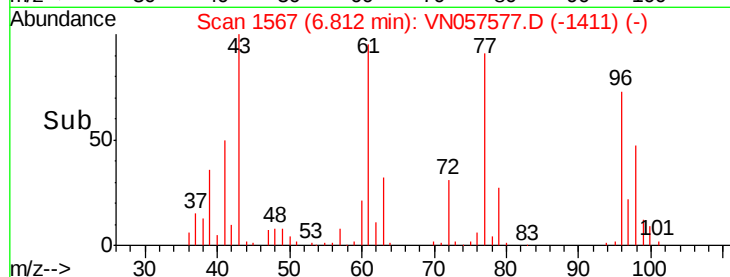
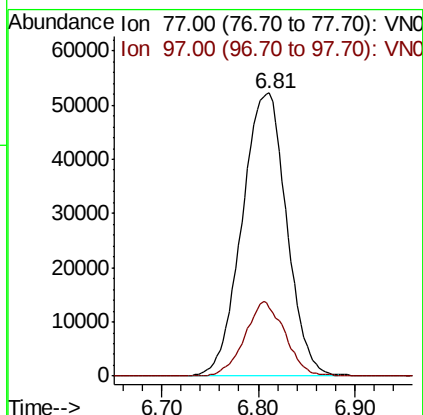
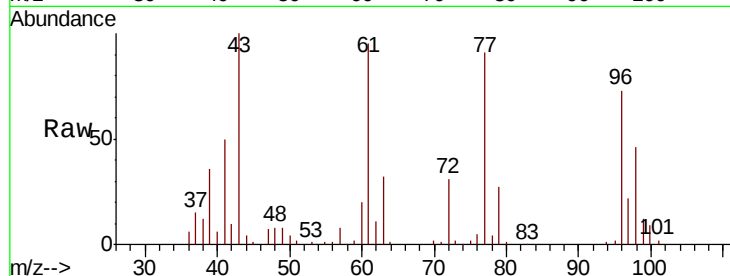




#31
 2,2-Dichloropropane
 Concen: 17.209 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

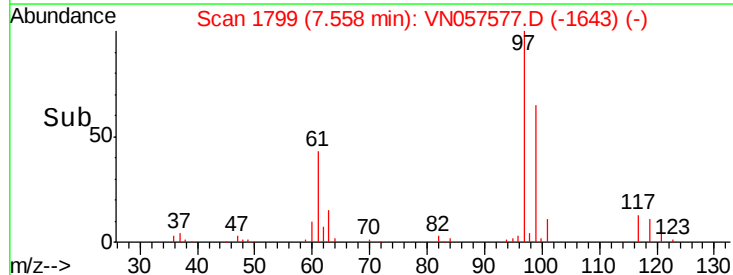
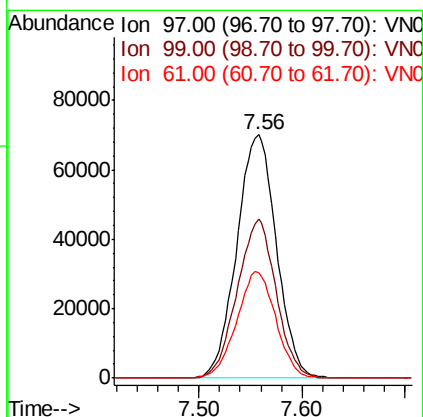
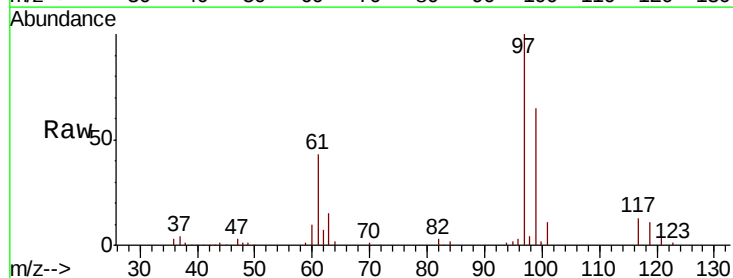
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

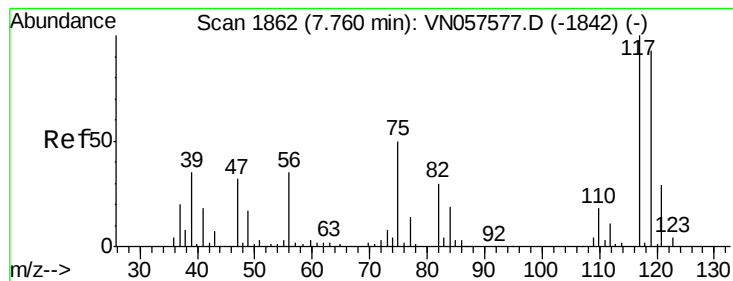
Tgt Ion: 77 Resp: 167105
 Ion Ratio Lower Upper
 77 100
 97 23.6 18.9 28.3



#32
 1,1,1-Trichloroethane
 Concen: 18.860 ug/l
 RT: 7.56 min Scan# 1799
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion: 97 Resp: 187396
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.1 76.7
 61 43.0 34.4 51.6





#33

Carbon Tetrachloride

Concen: 18.819 ug/l

RT: 7.76 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

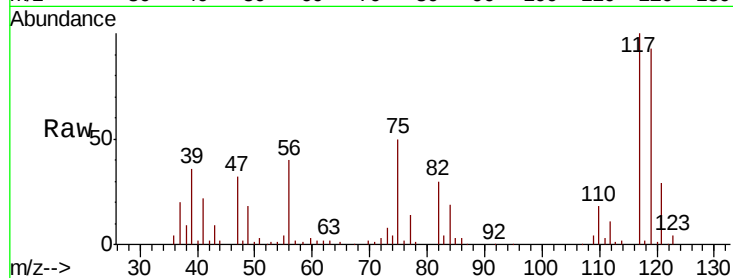
Tgt Ion:117 Resp: 155619

Ion Ratio Lower Upper

117 100

119 93.2 74.6 111.8

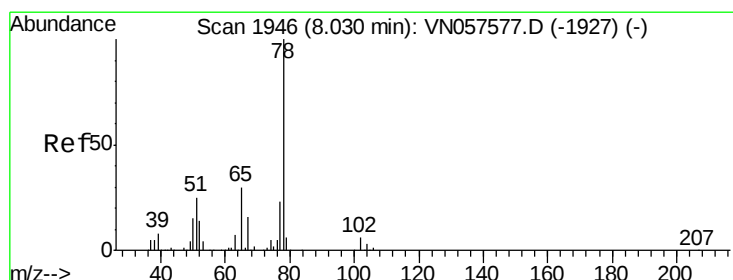
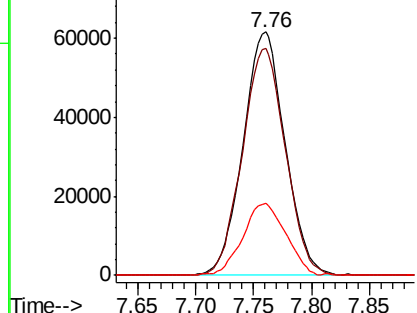
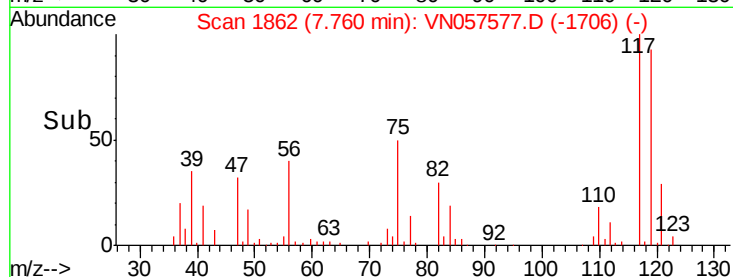
121 29.4 23.5 35.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 17.073 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

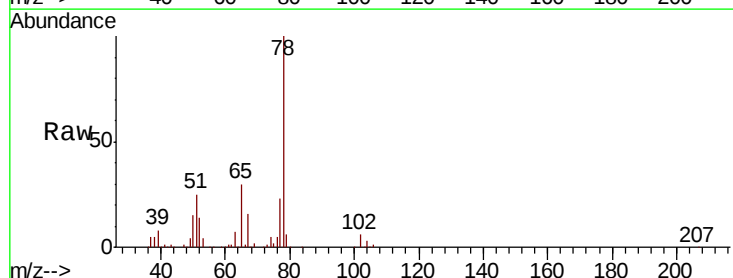
Tgt Ion: 78 Resp: 426153

Ion Ratio Lower Upper

78 100

77 22.8 18.2 27.4

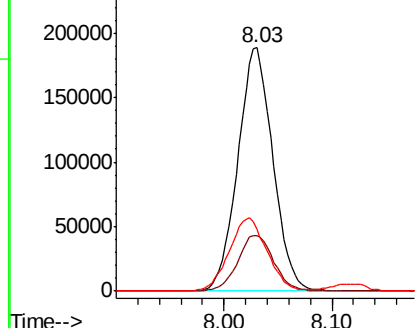
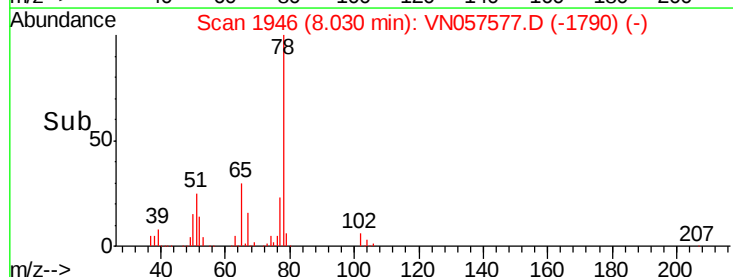
51 25.3 20.2 30.4

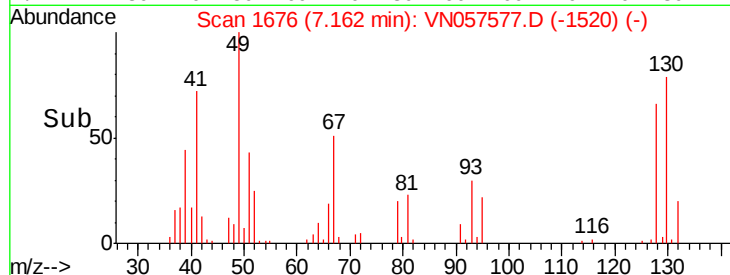
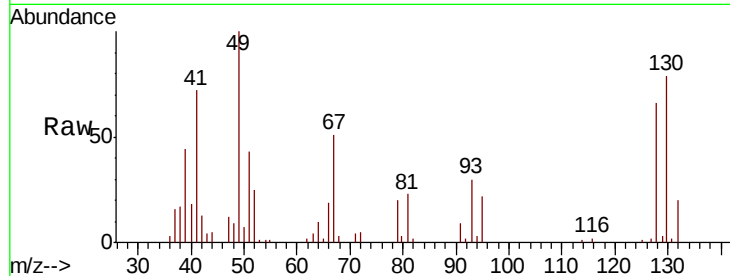
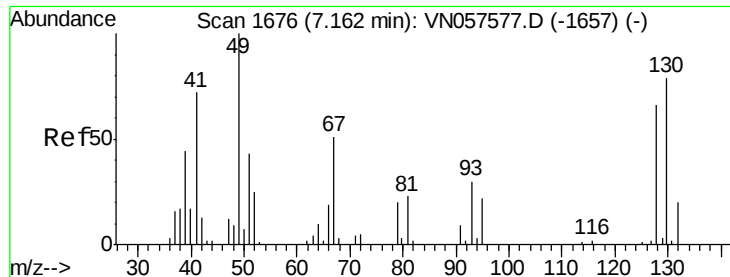


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

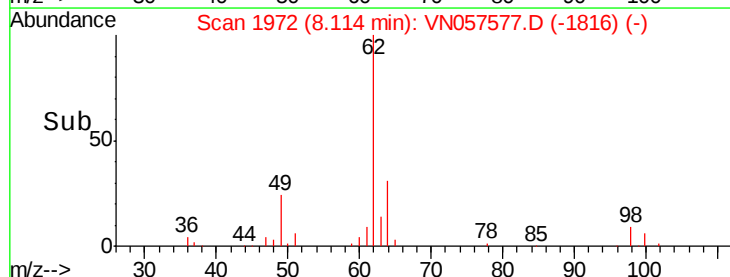
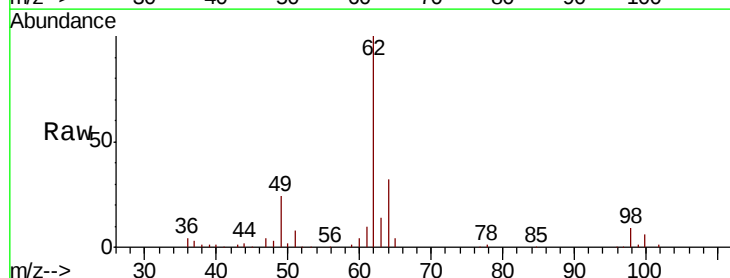
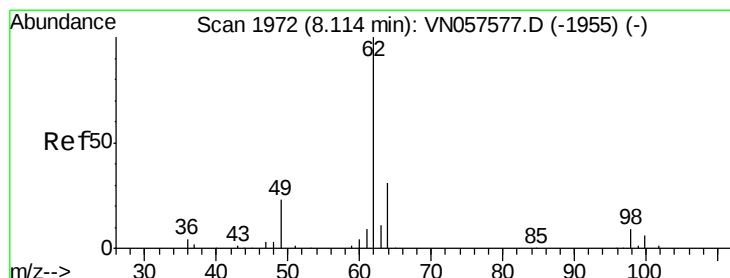
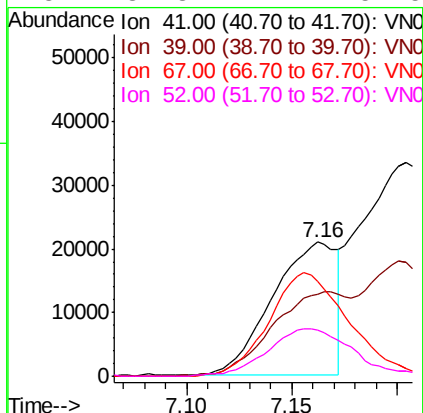




#35
Methacrylonitrile
Concen: 11.595 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

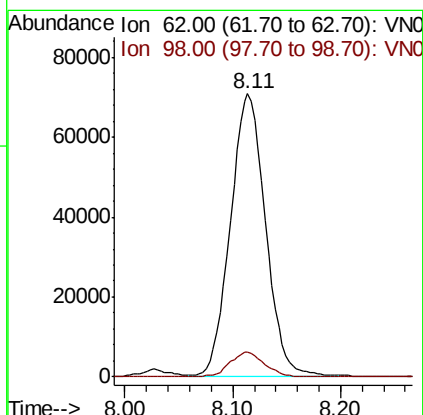
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

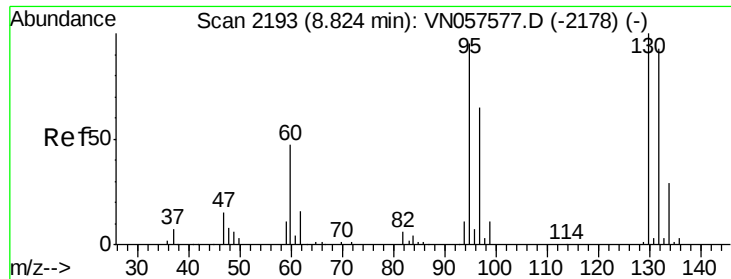
Tgt Ion: 41 Resp: 44421
Ion Ratio Lower Upper
41 100
39 60.8 30.4 91.2
67 71.2 35.6 106.8
52 34.3 17.2 51.5



#36
1,2-Dichloroethane
Concen: 16.526 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Tgt Ion: 62 Resp: 161389
Ion Ratio Lower Upper
62 100
98 8.5 6.8 10.2

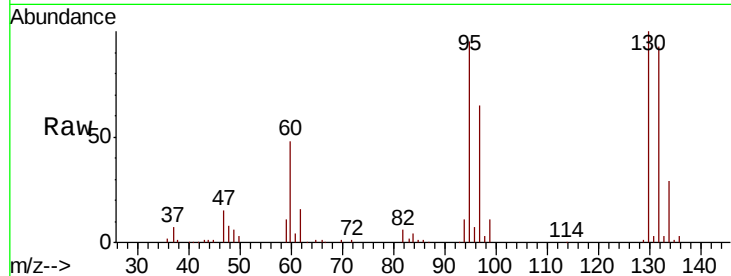




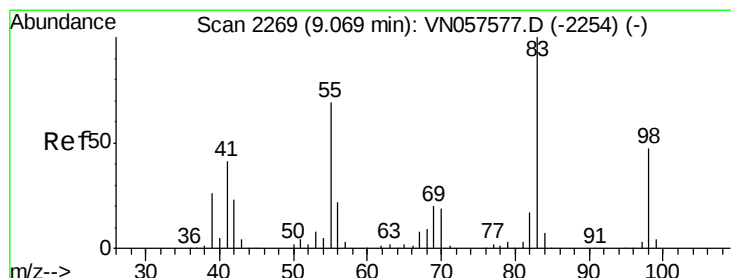
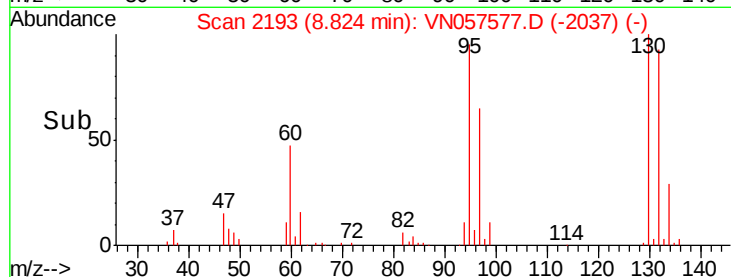
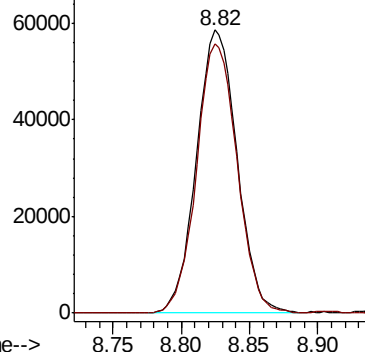
#37
 Trichloroethene
 Concen: 20.445 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:130 Resp: 121210
 Ion Ratio Lower Upper
 130 100
 95 95.2 76.2 114.2

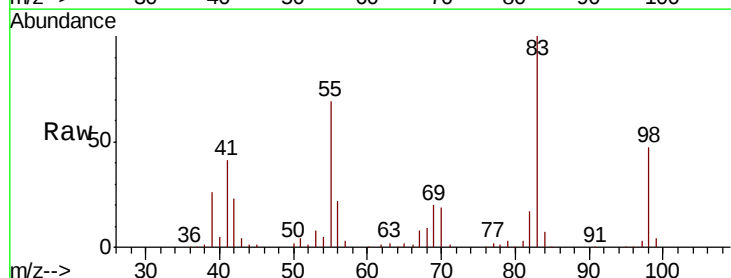


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

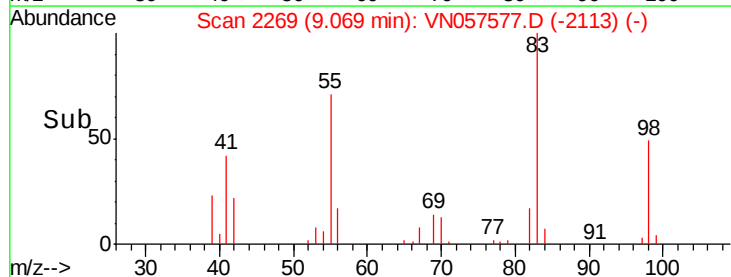
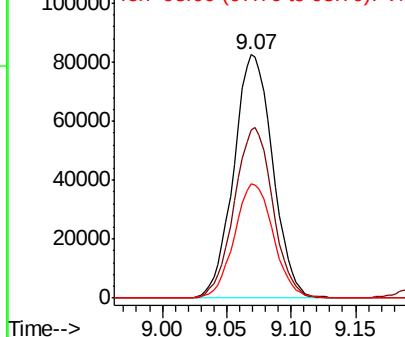


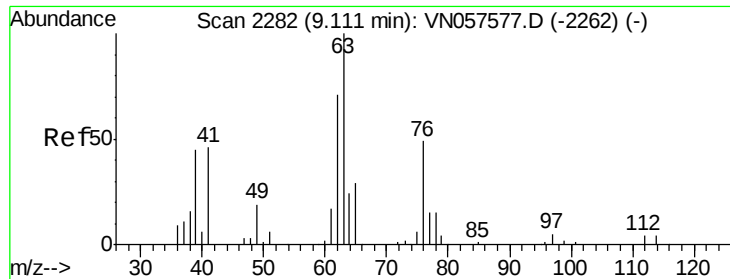
#38
 Methylcyclohexane
 Concen: 17.972 ug/l
 RT: 9.07 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion: 83 Resp: 174120
 Ion Ratio Lower Upper
 83 100
 55 69.1 34.5 103.6
 98 46.9 23.4 70.3



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

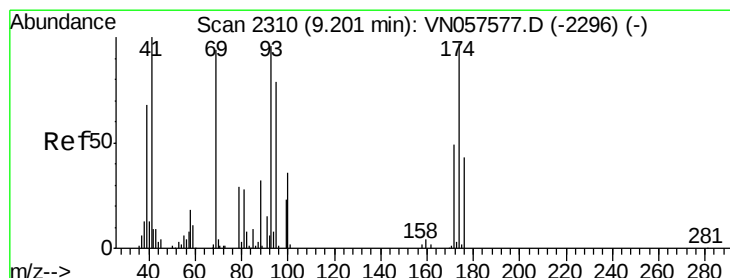
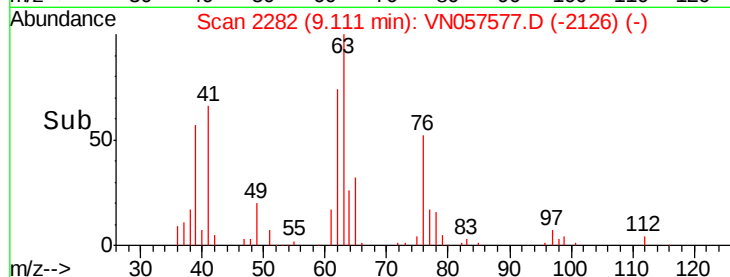
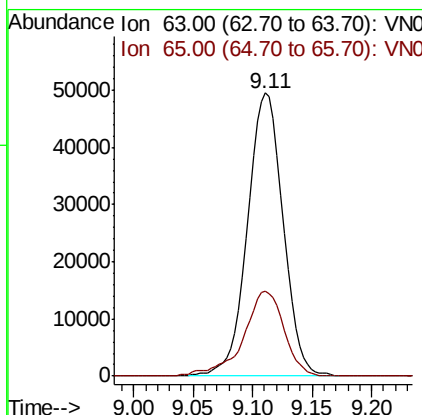
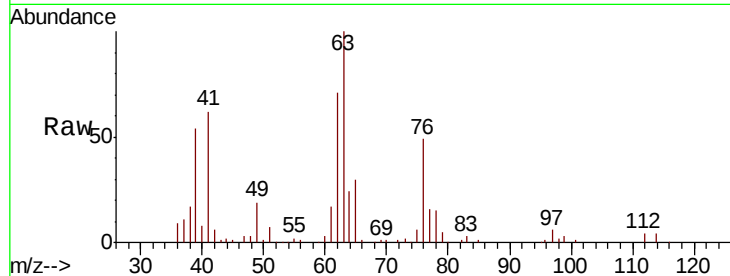




#39
 1,2-Dichloropropane
 Concen: 14.879 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

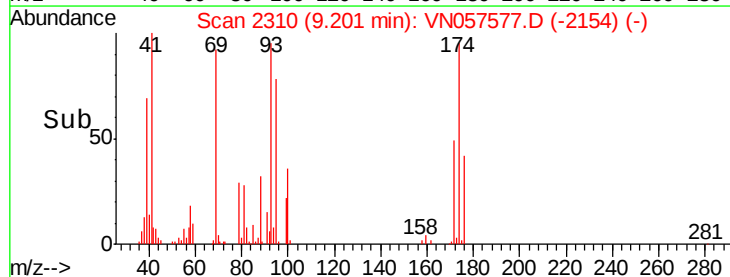
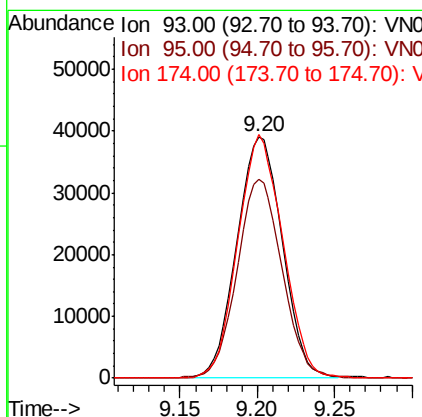
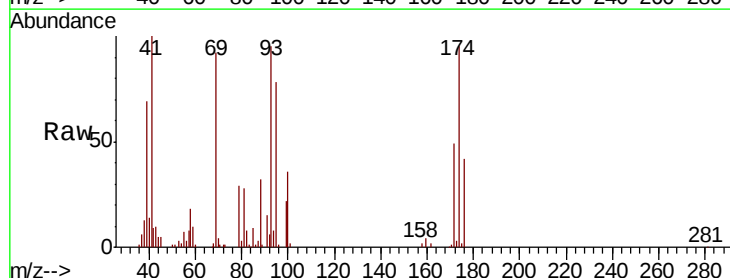
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

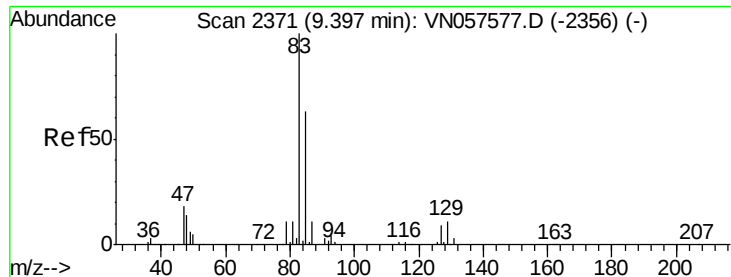
Tgt Ion: 63 Resp: 102944
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.2 36.2



#40
 Dibromomethane
 Concen: 18.148 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion: 93 Resp: 79984
 Ion Ratio Lower Upper
 93 100
 95 81.4 0.0 162.8
 174 99.6 0.0 199.2

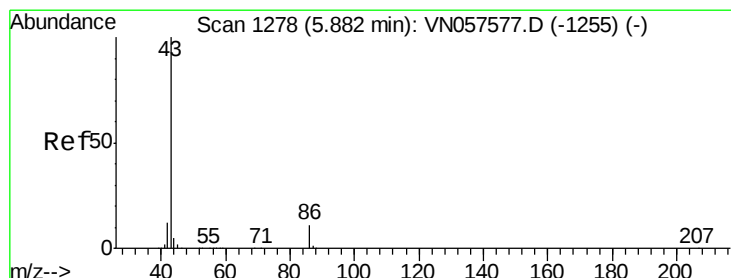
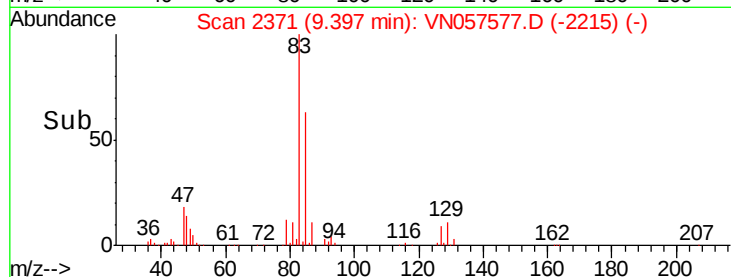
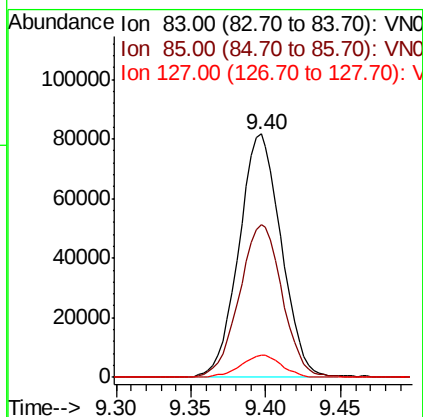
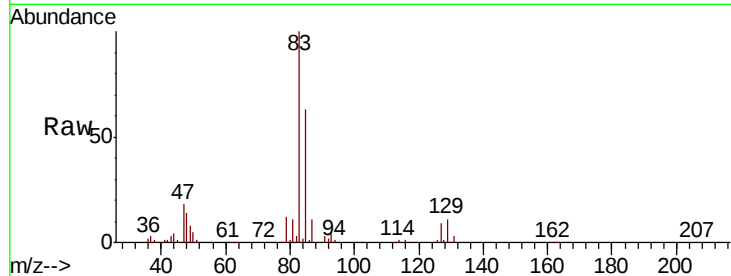




#41
 Bromodichloromethane
 Concen: 17.284 ug/l
 RT: 9.40 min Scan# 2371
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

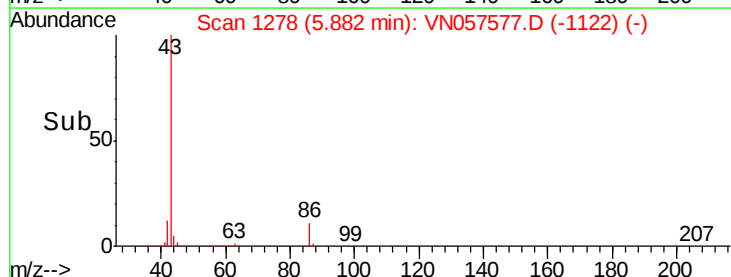
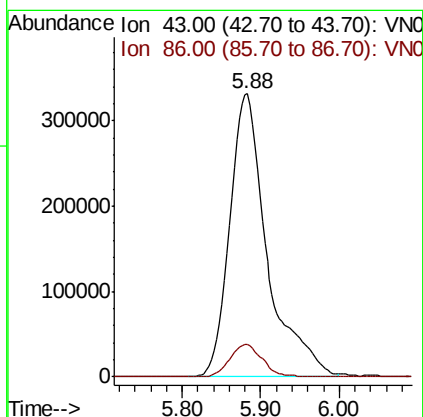
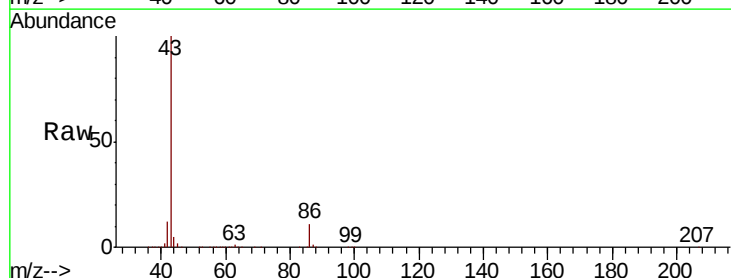
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

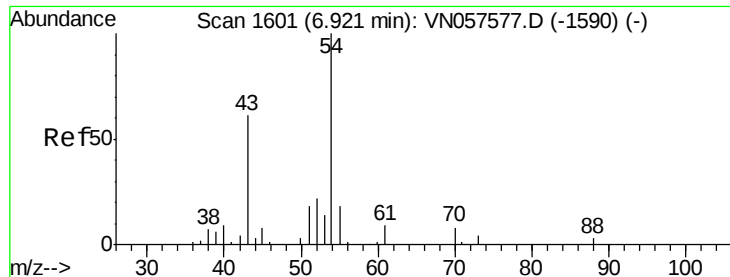
Tgt Ion: 83 Resp: 160898
 Ion Ratio Lower Upper
 83 100
 85 62.9 50.3 75.5
 127 9.3 7.4 11.2



#42
 Vinyl Acetate
 Concen: 63.042 ug/l
 RT: 5.88 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion: 43 Resp: 1094898
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

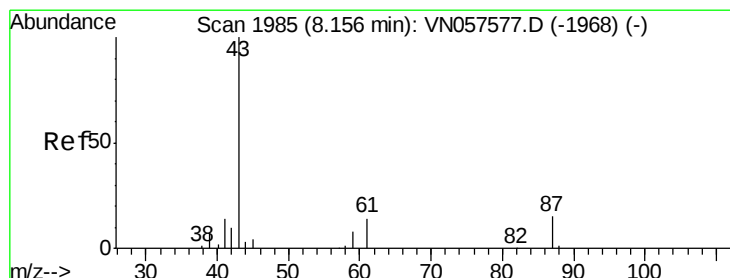
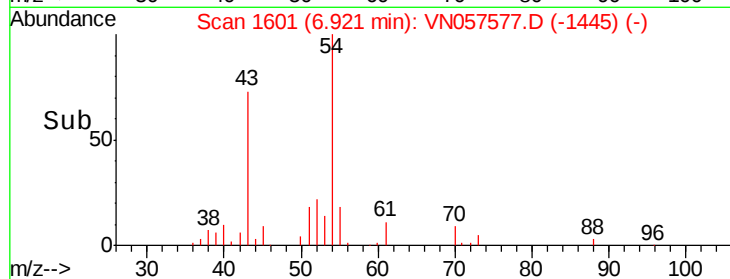
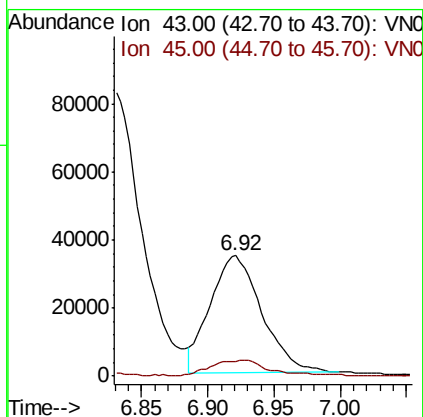
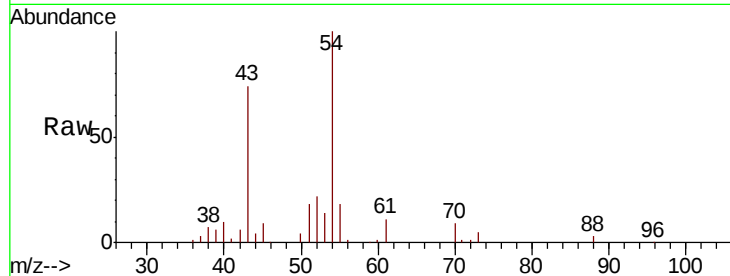




#43
 Ethyl Acetate
 Concen: 12.335 ug/l
 RT: 6.92 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

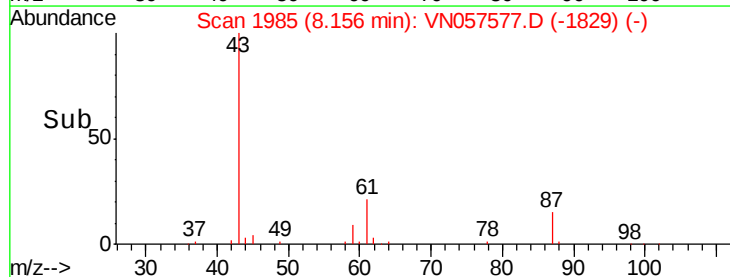
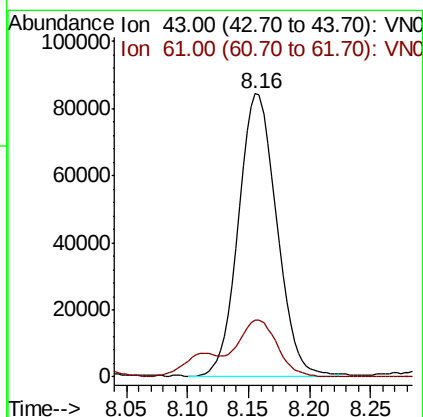
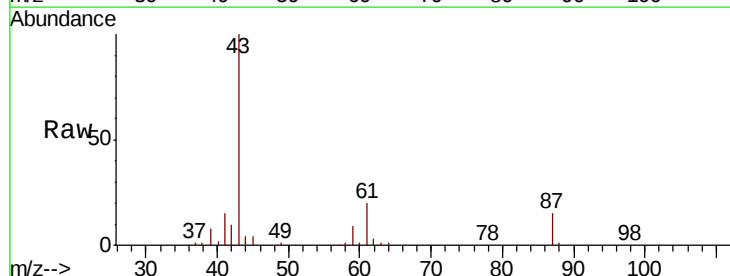
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

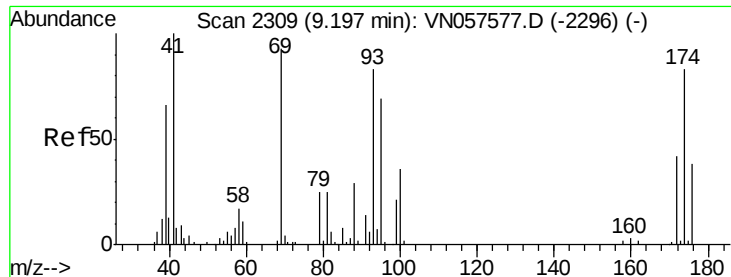
Tgt Ion: 43 Resp: 92793
 Ion Ratio Lower Upper
 43 100
 45 12.4 9.9 14.9



#44
 Isopropyl Acetate
 Concen: 12.636 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion: 43 Resp: 182306
 Ion Ratio Lower Upper
 43 100
 61 20.0 16.0 24.0

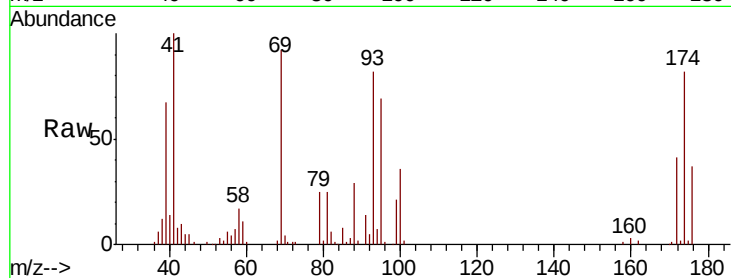




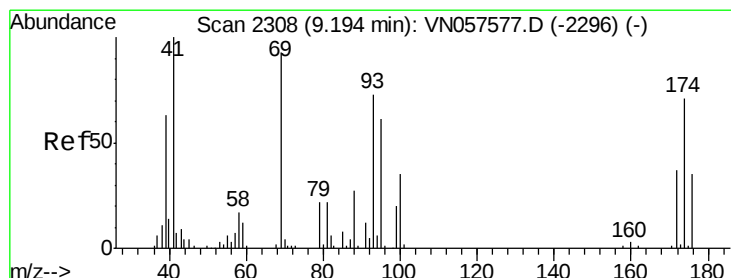
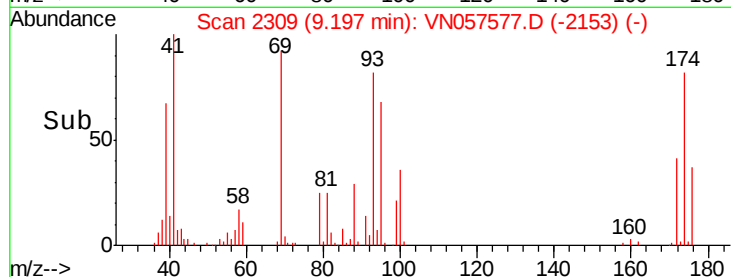
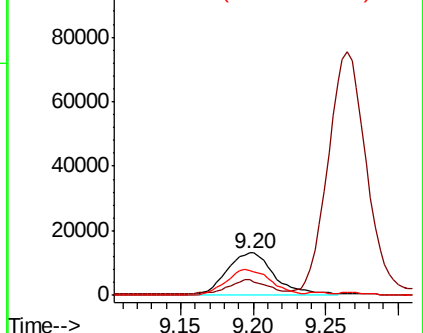
#45
 1,4-Dioxane
 Concen: 334.819 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 88 Resp: 30563
 Ion Ratio Lower Upper
 88 100
 43 22.8 18.2 27.4
 58 56.3 45.0 67.6

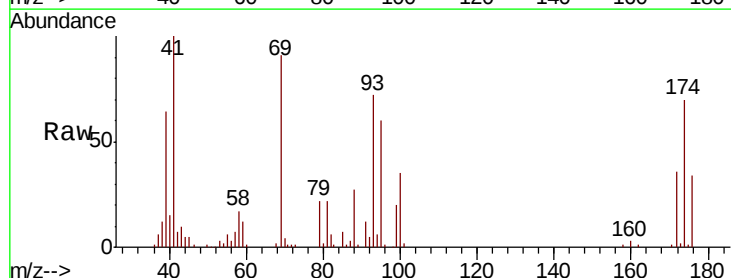


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

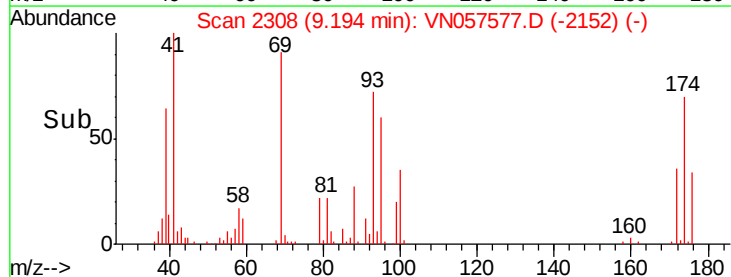
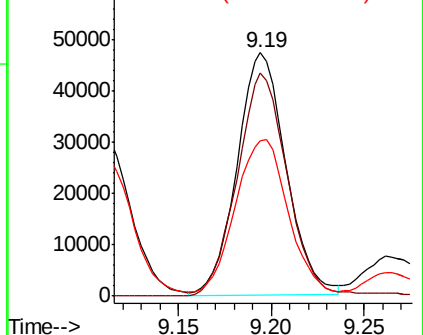


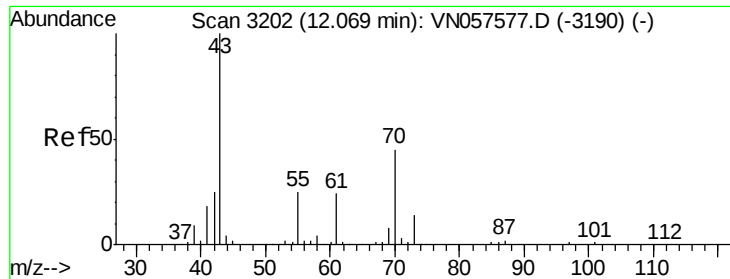
#46
 Methyl methacrylate
 Concen: 12.604 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion: 41 Resp: 86629
 Ion Ratio Lower Upper
 41 100
 69 92.7 46.4 139.1
 39 63.2 31.6 94.8



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

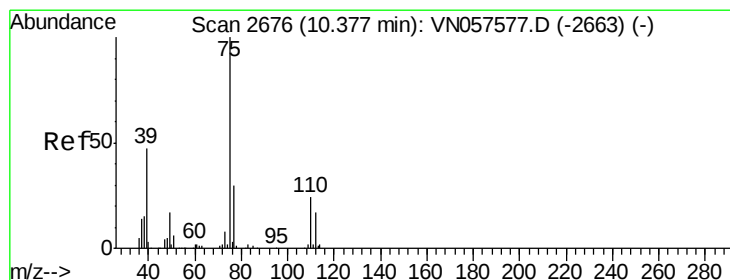
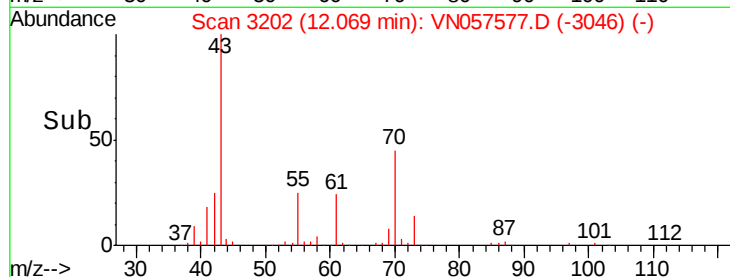
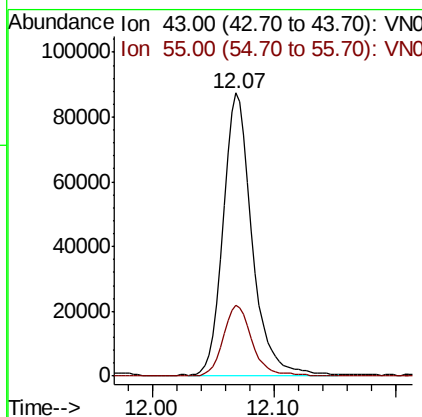
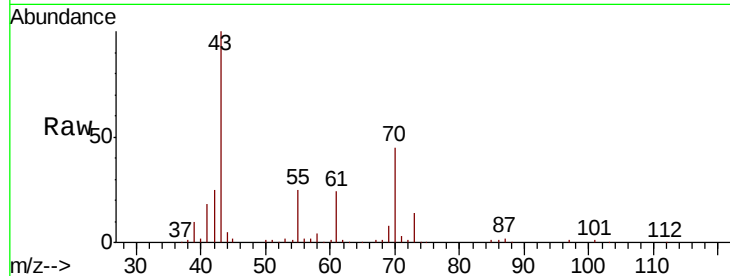




#47
n-amy1 Acetate
Concen: 12.266 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

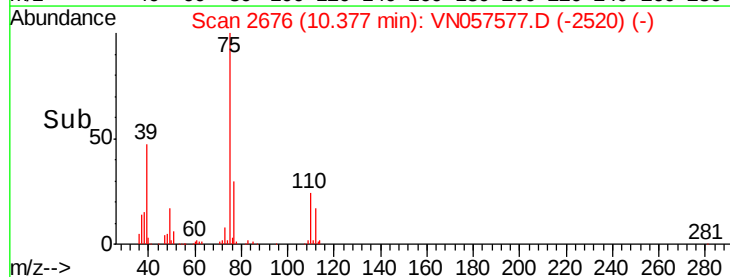
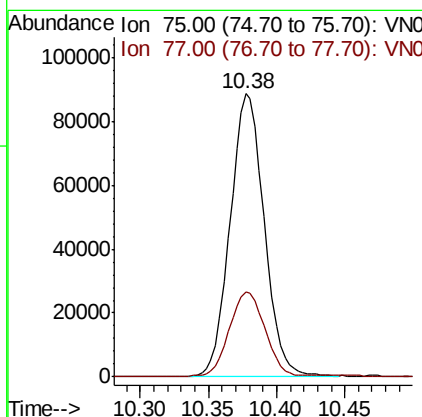
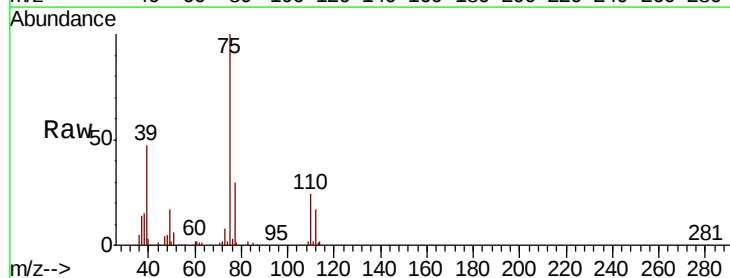
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

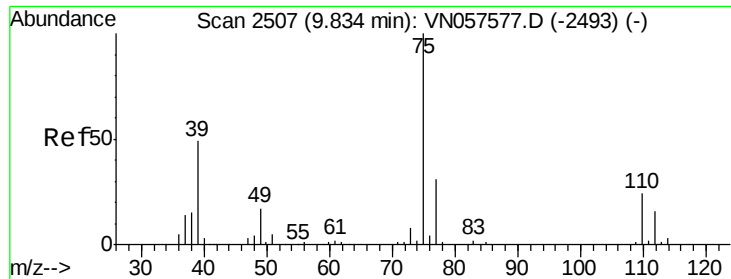
Tgt Ion: 43 Resp: 144228
Ion Ratio Lower Upper
43 100
55 25.2 20.2 30.2



#48
t-1,3-Dichloropropene
Concen: 15.881 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Tgt Ion: 75 Resp: 154300
Ion Ratio Lower Upper
75 100
77 29.7 23.8 35.6



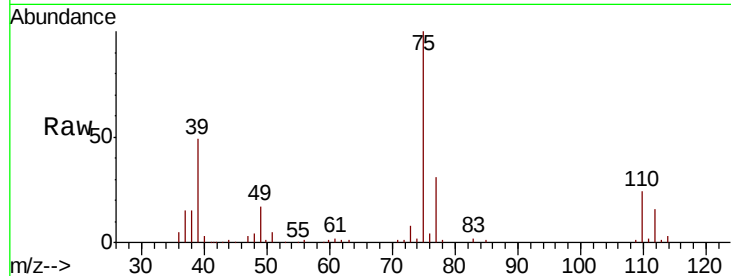


#49

cis-1,3-Dichloropropene
Concen: 16.087 ug/l
RT: 9.83 min Scan# 2507
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4
39	48.7	39.0	58.4

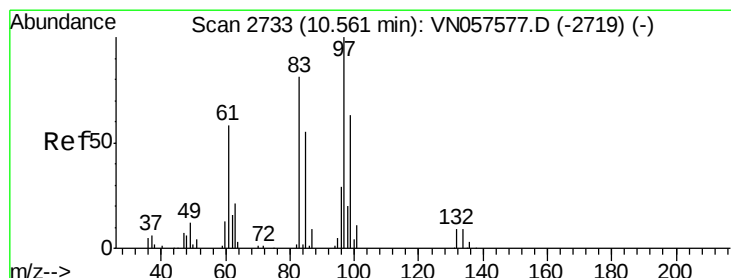
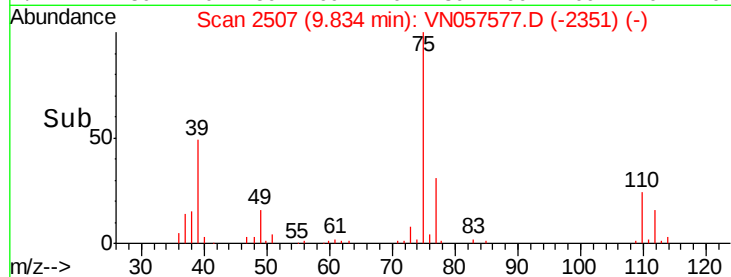
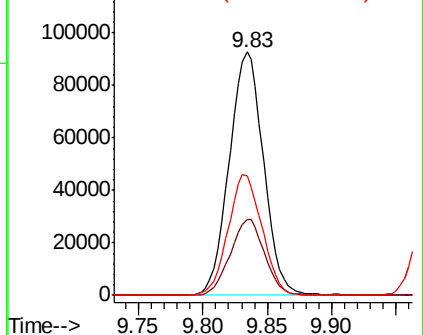


Abundance

Ion 75.00 (74.70 to 75.70): VNO

Ion 77.00 (76.70 to 77.70): VNO

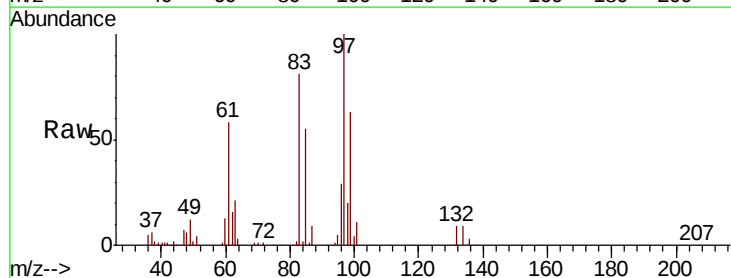
Ion 39.00 (38.70 to 39.70): VNO



#50

1,1,2-Trichloroethane
Concen: 18.652 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.4	65.1	97.7
85	54.6	43.7	65.5
99	63.4	50.7	76.1



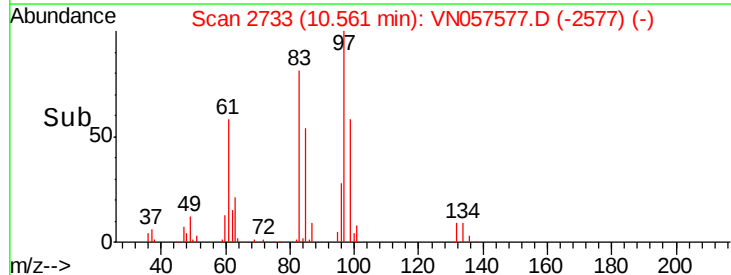
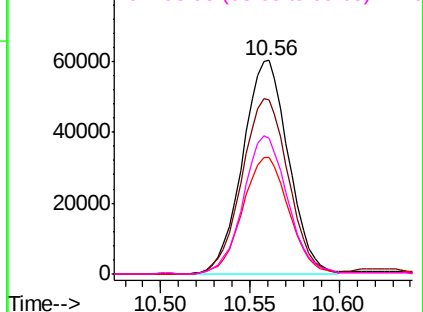
Abundance

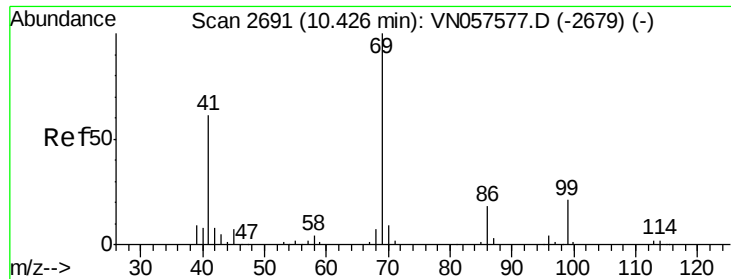
Ion 97.00 (96.70 to 97.70): VNO

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

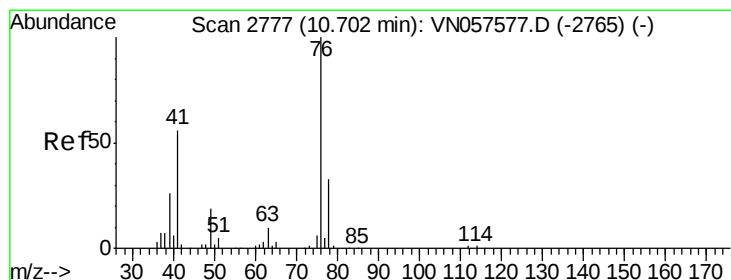
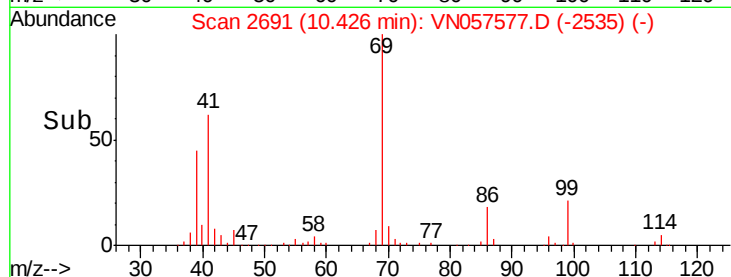
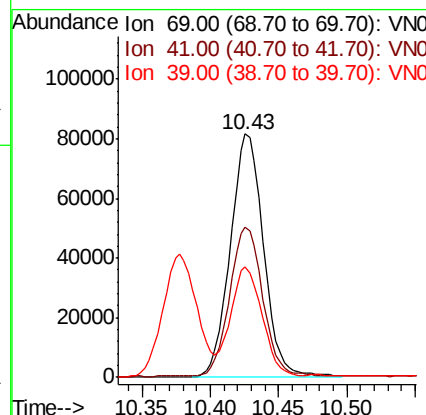
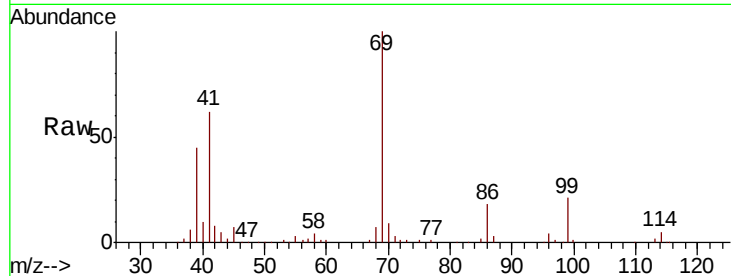




#51
Ethyl methacrylate
Concen: 14.896 ug/l
RT: 10.43 min Scan# 2691
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

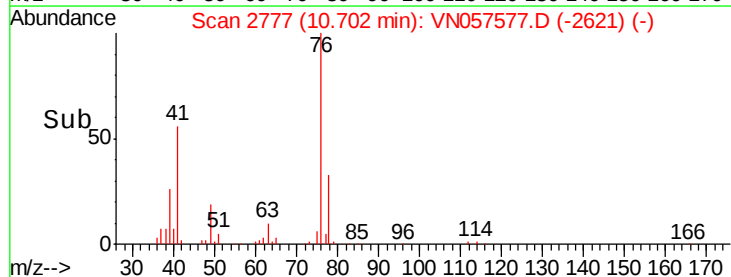
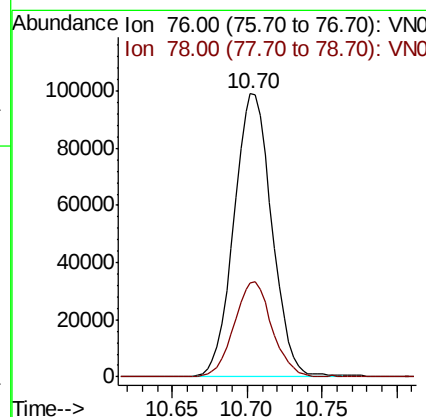
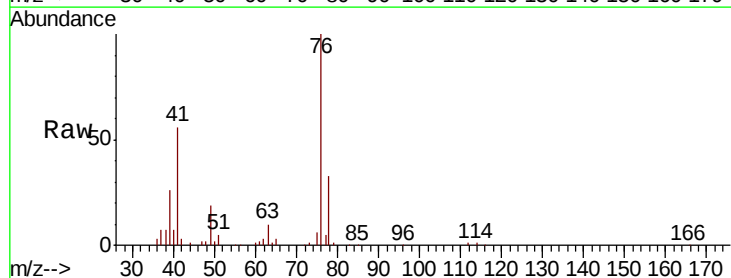
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

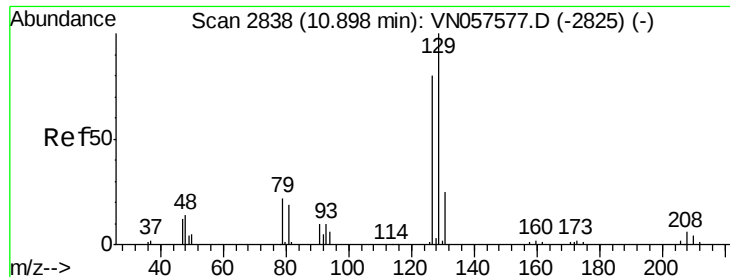
Tgt Ion: 69 Resp: 138815
Ion Ratio Lower Upper
69 100
41 61.3 30.6 92.0
39 44.6 22.3 66.9



#52
1,3-Dichloropropane
Concen: 16.884 ug/l
RT: 10.70 min Scan# 2777
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Tgt Ion: 76 Resp: 174856
Ion Ratio Lower Upper
76 100
78 33.5 0.0 67.0





#53

Dibromochloromethane

Concen: 18.714 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

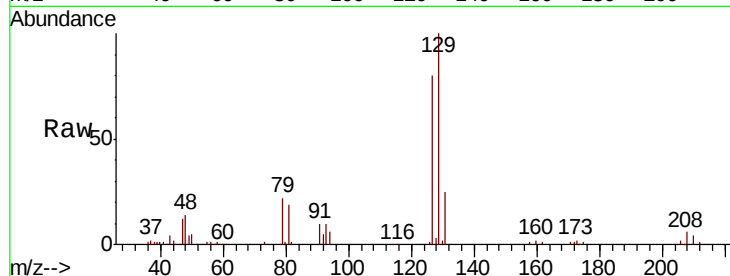
VSTDICCC020

Tgt Ion:129 Resp: 116655

Ion Ratio Lower Upper

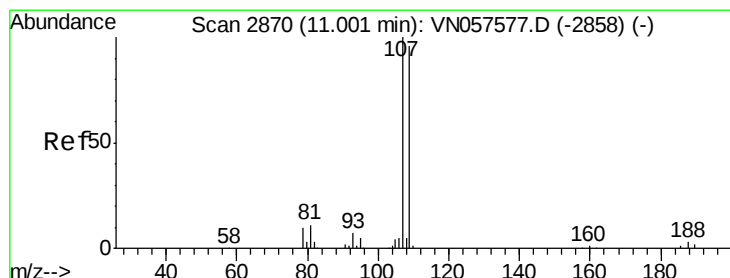
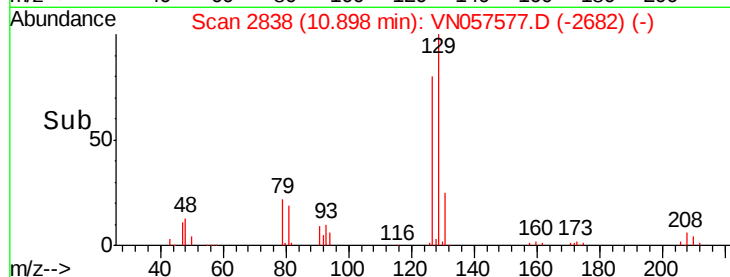
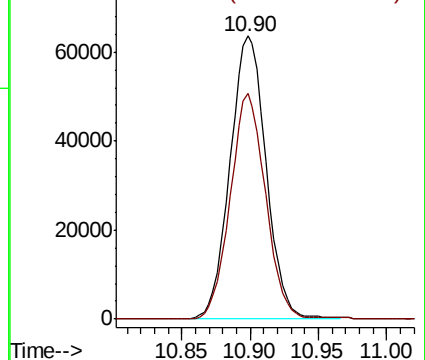
129 100

127 77.8 38.9 116.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.482 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN057577.D

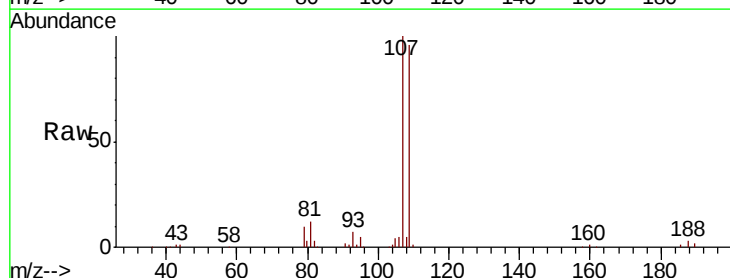
Acq: 30 Aug 2019 9:33

Tgt Ion:107 Resp: 110621

Ion Ratio Lower Upper

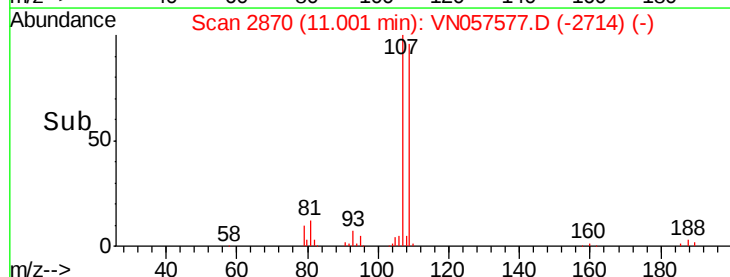
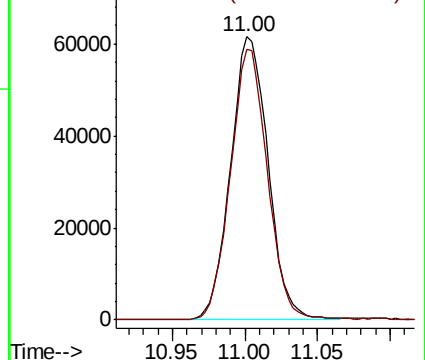
107 100

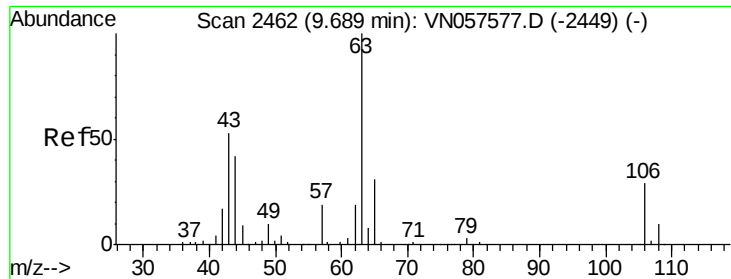
109 94.0 75.2 112.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

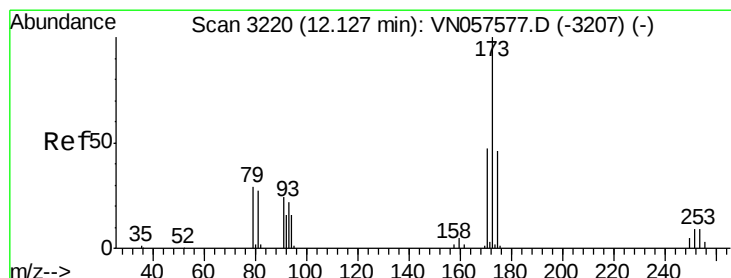
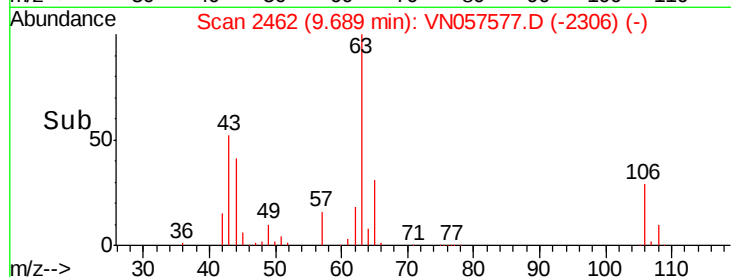
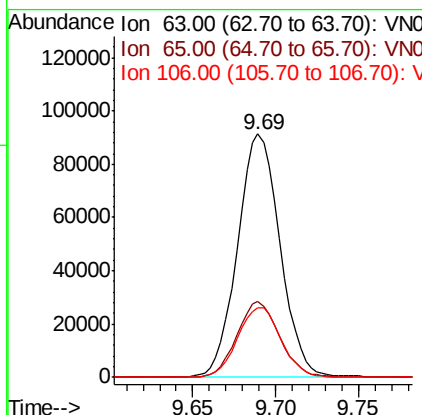
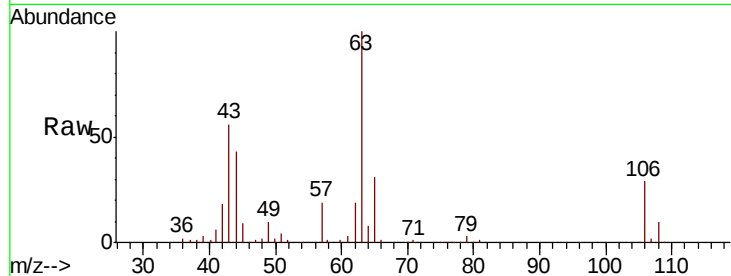




#55
 2-Chloroethyl vinyl ether
 Concen: 69.659 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

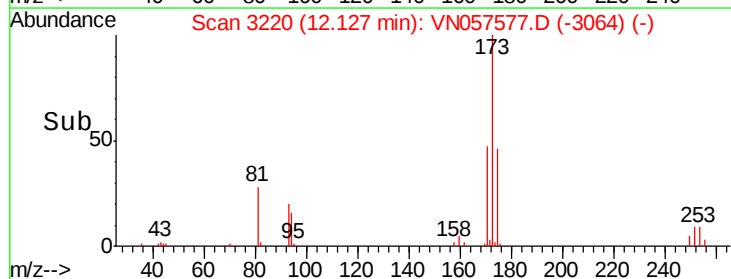
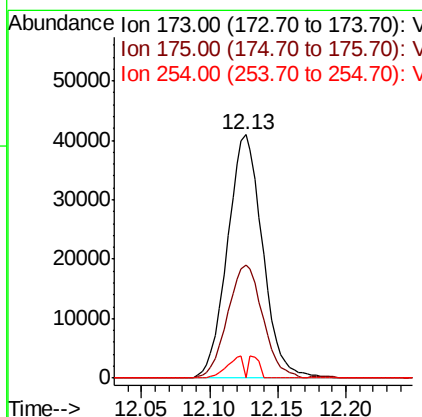
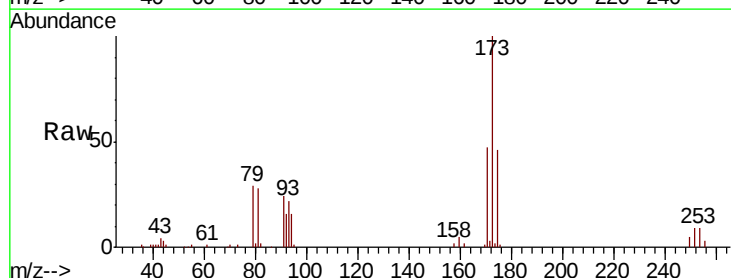
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

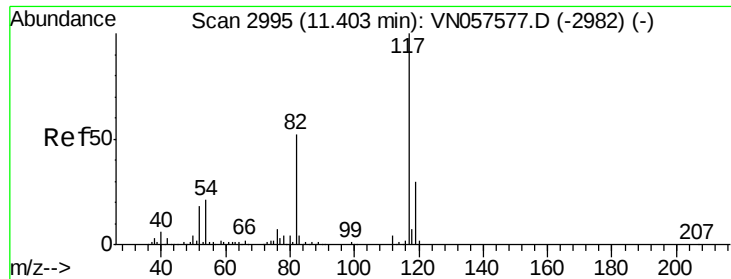
Tgt Ion: 63 Resp: 162791
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4
 106 29.6 23.7 35.5



#56
 Bromoform
 Concen: 19.277 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion: 173 Resp: 73303
 Ion Ratio Lower Upper
 173 100
 175 46.6 37.3 55.9
 254 2.7 2.2 3.2

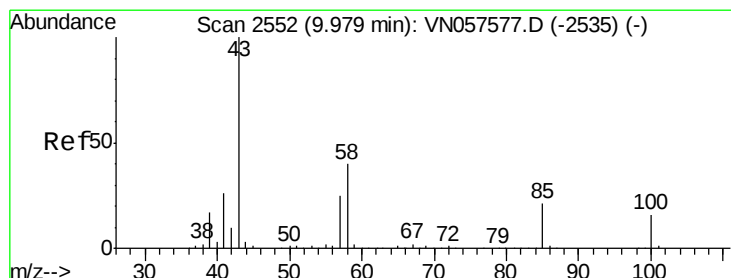
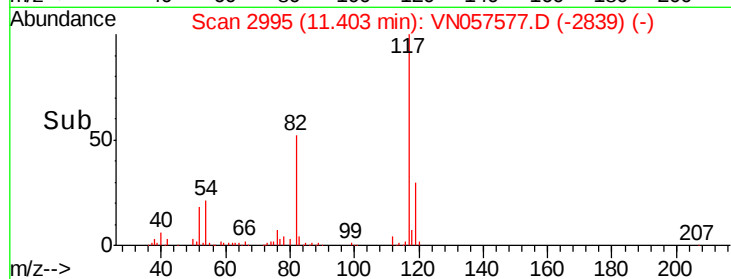
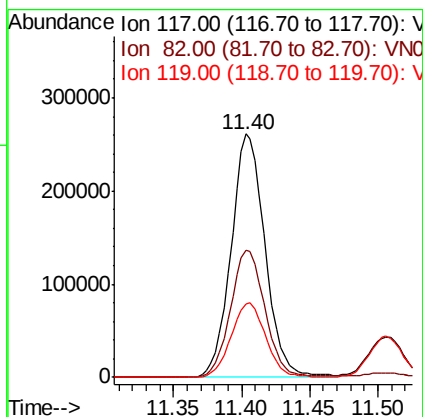
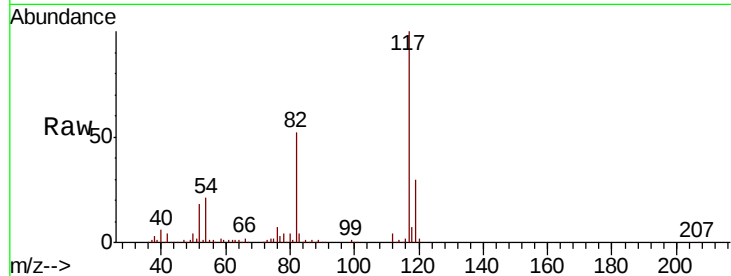




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

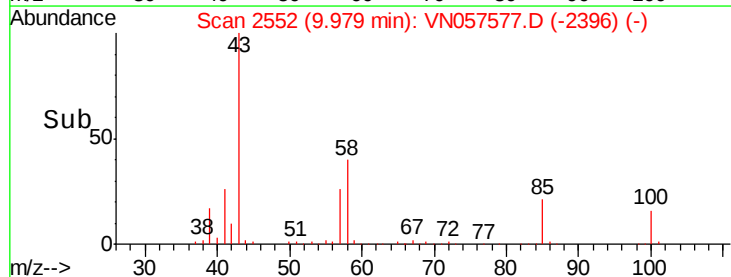
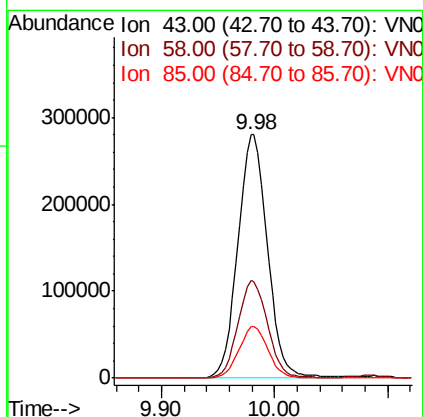
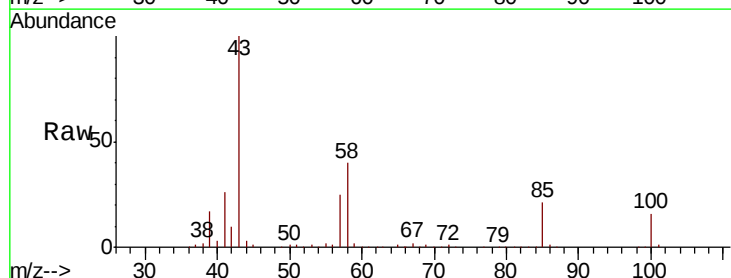
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

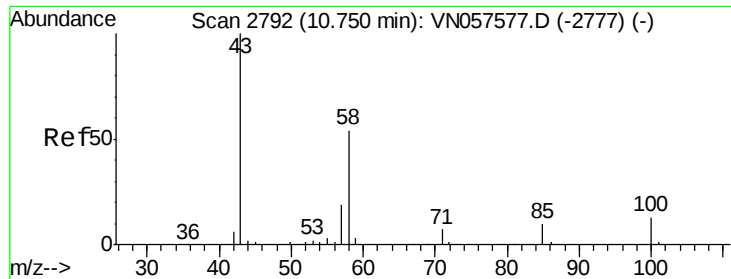
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.6	63.8
119	31.3	25.0	37.6



#58
4-Methyl-2-Pentanone
Concen: 63.349 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	32.1	48.1
85	20.7	16.6	24.8

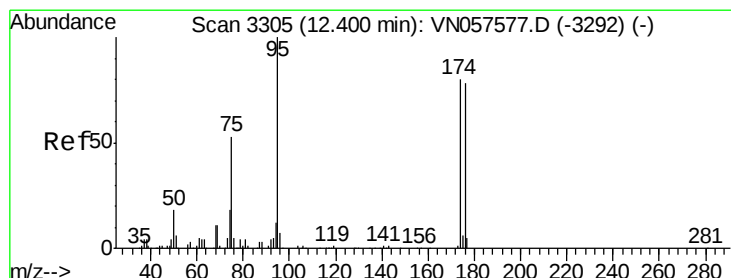
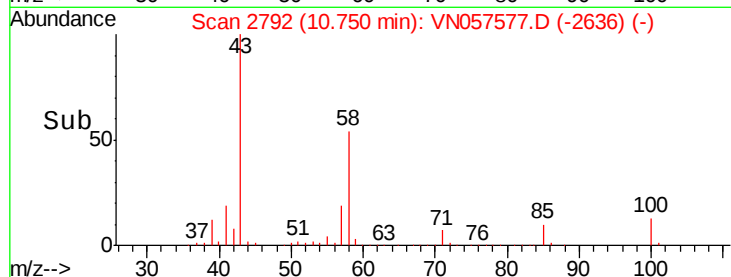
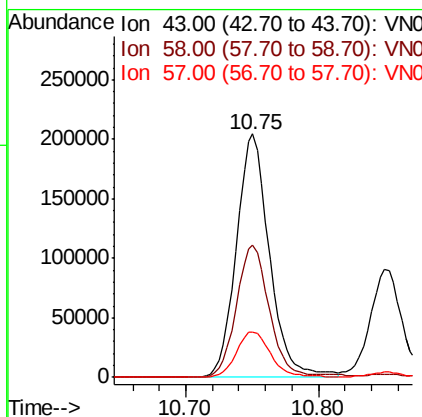
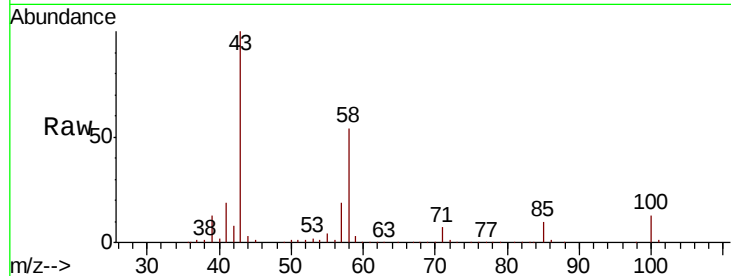




#59
2-Hexanone
Concen: 63.623 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

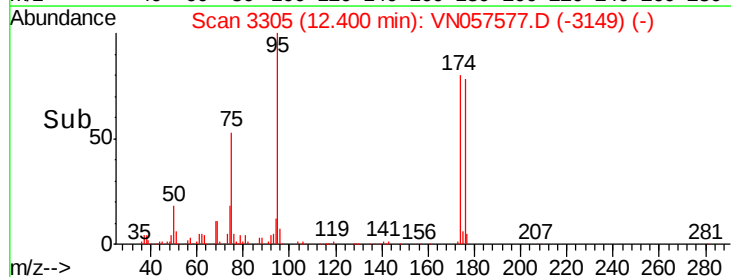
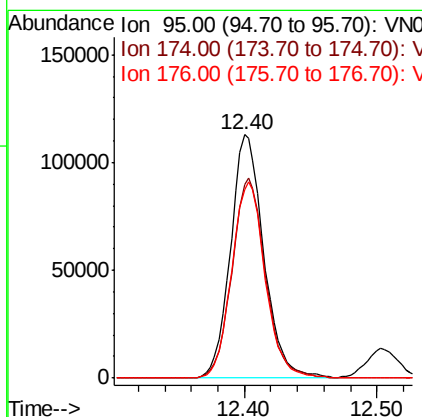
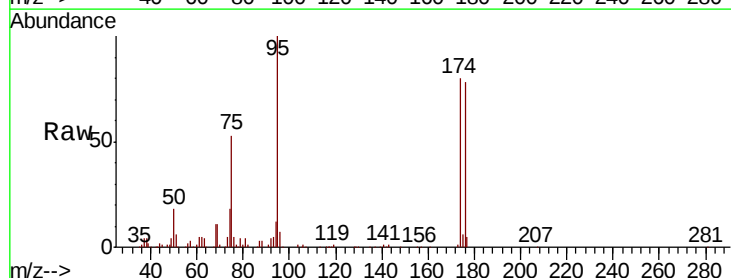
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

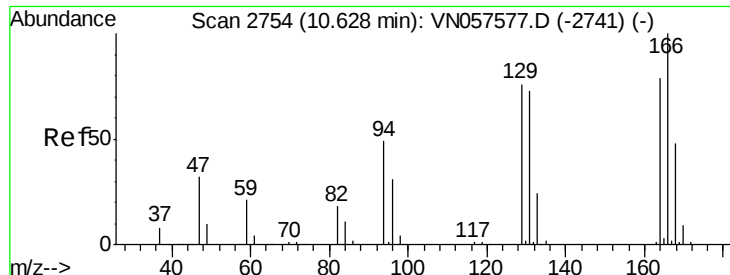
Tgt Ion: 43 Resp: 355079
Ion Ratio Lower Upper
43 100
58 53.6 42.9 64.3
57 19.3 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 26.801 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Tgt Ion: 95 Resp: 196624
Ion Ratio Lower Upper
95 100
174 82.7 66.2 99.2
176 81.3 65.0 97.6





#61

Tetrachloroethene

Concen: 22.234 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 117504

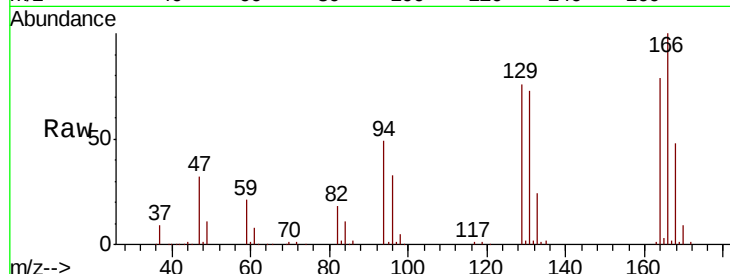
Ion Ratio Lower Upper

164 100

166 125.9 100.7 151.1

129 95.4 76.3 114.5

131 92.2 73.8 110.6

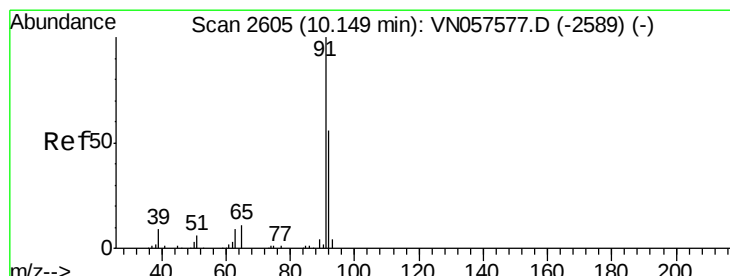
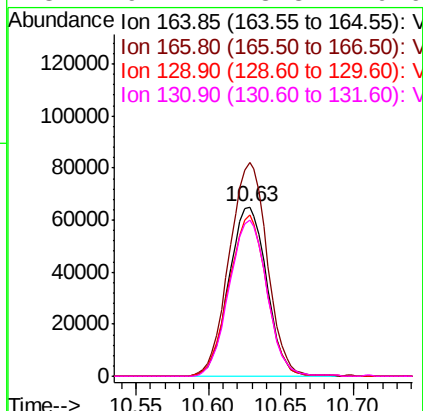
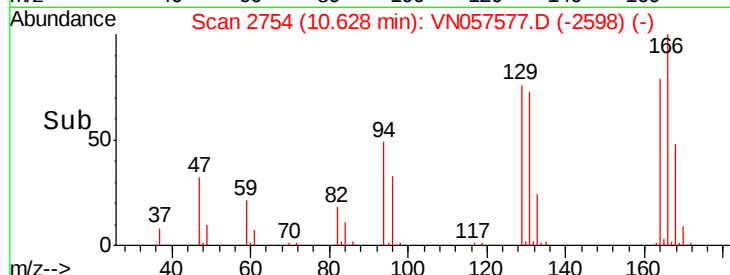


Abundance Ion 163.85 (163.55 to 164.55): V

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: 18.138 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057577.D

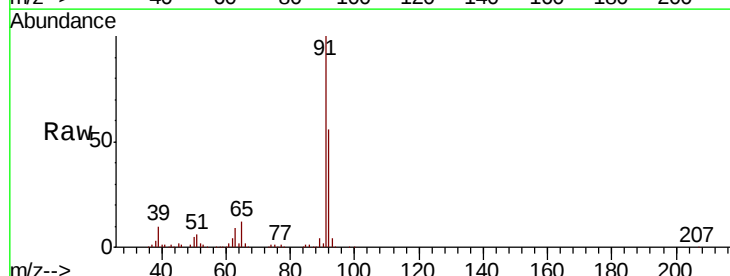
Acq: 30 Aug 2019 9:33

Tgt Ion: 91 Resp: 487463

Ion Ratio Lower Upper

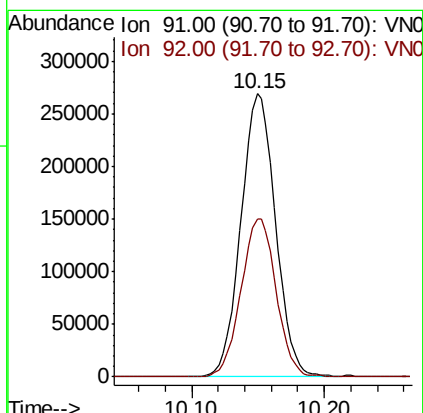
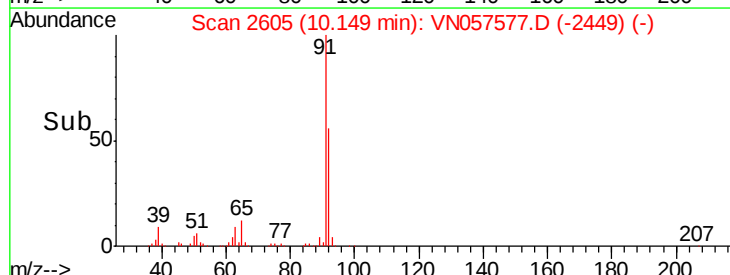
91 100

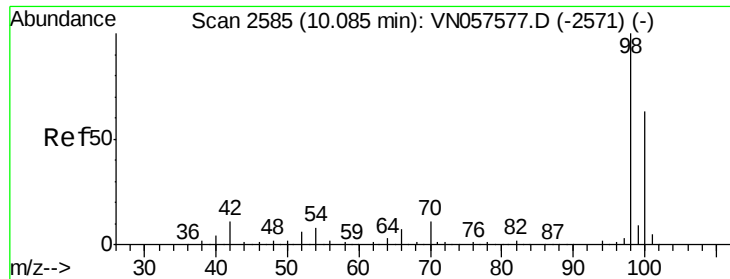
92 56.8 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 28.488 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

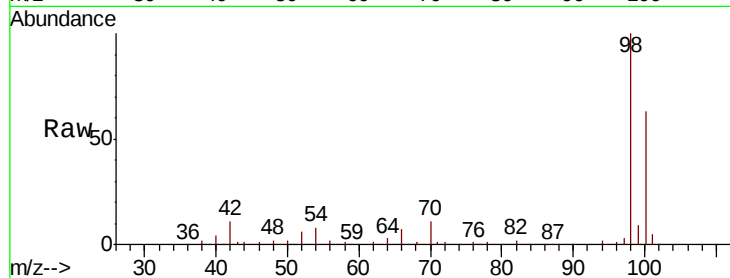
VSTDICCC020

Tgt Ion: 98 Resp: 636263

Ion Ratio Lower Upper

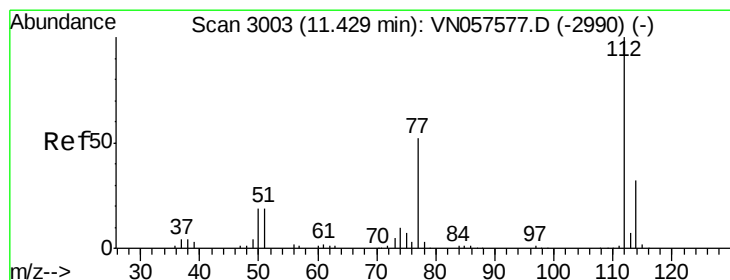
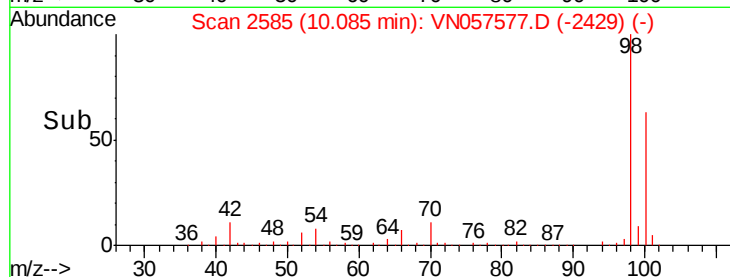
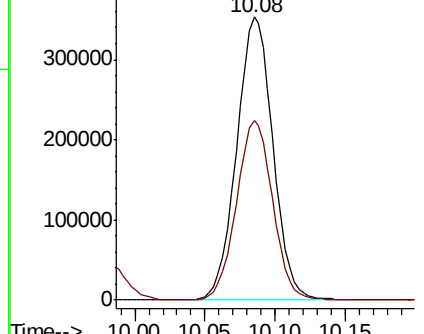
98 100

100 62.7 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN057577.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN057577.D (-2571) (-)



#64

Chlorobenzene

Concen: 19.845 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. 0.00 min

Lab File: VN057577.D

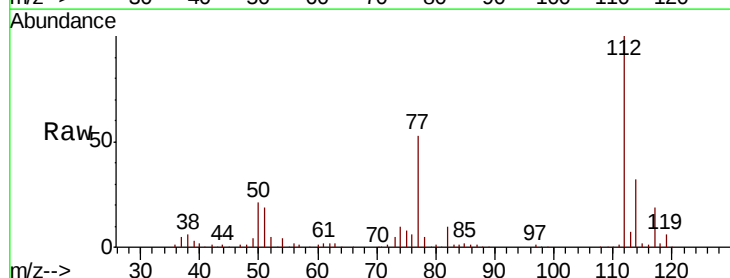
Acq: 30 Aug 2019 9:33

Tgt Ion: 112 Resp: 297686

Ion Ratio Lower Upper

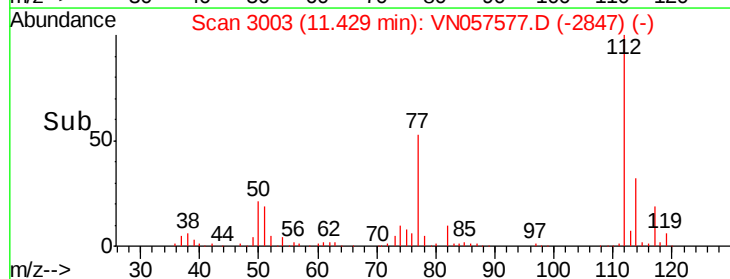
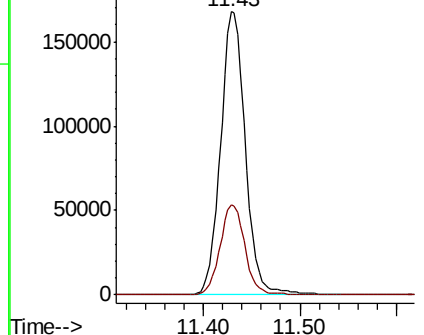
112 100

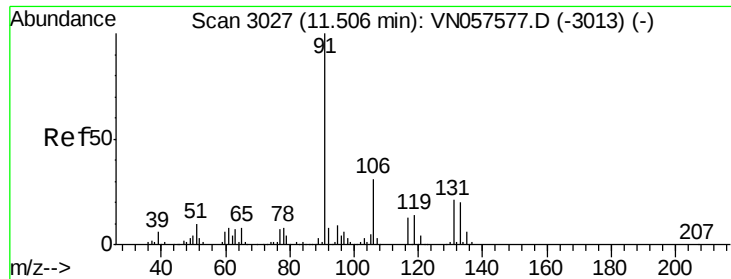
114 31.8 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): VN057577.D (-2990) (-)

Ion 114.00 (113.70 to 114.70): VN057577.D (-2990) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 19.880 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

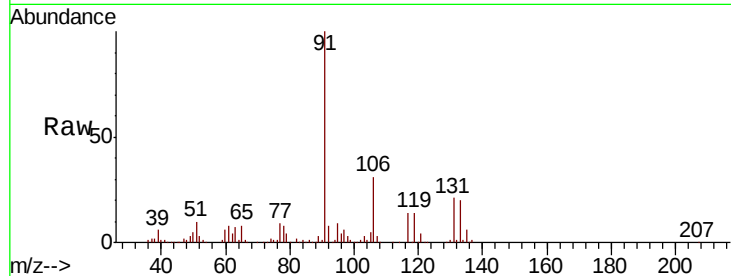
Tgt Ion: 131 Resp: 113306

Ion Ratio Lower Upper

131 100

133 93.0 0.0 186.0

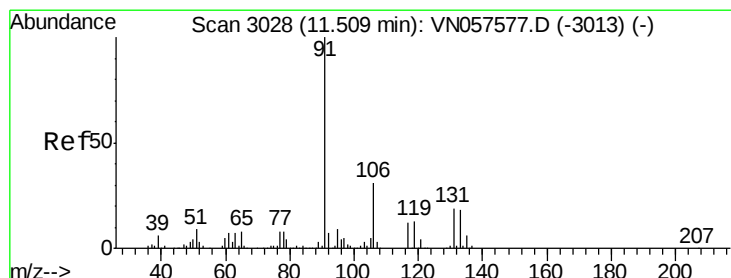
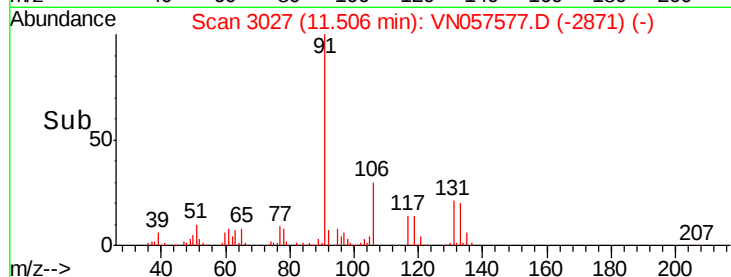
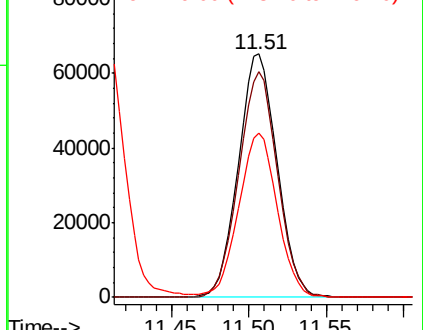
119 67.3 0.0 134.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.334 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057577.D

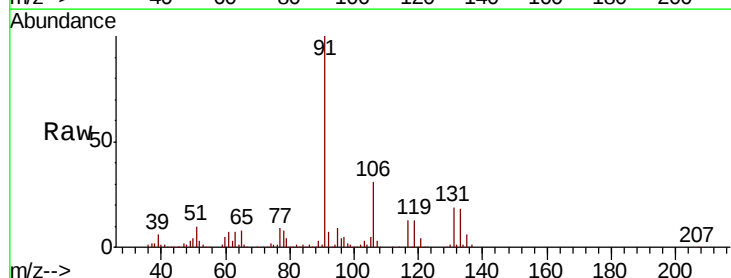
Acq: 30 Aug 2019 9:33

Tgt Ion: 91 Resp: 531125

Ion Ratio Lower Upper

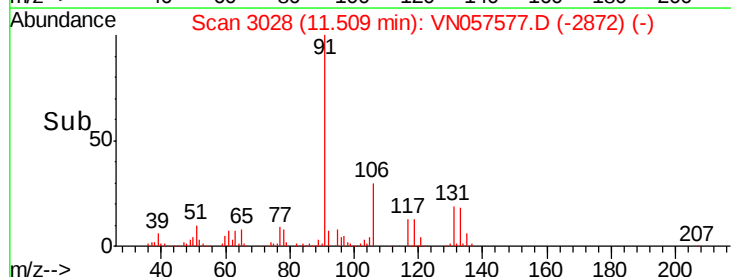
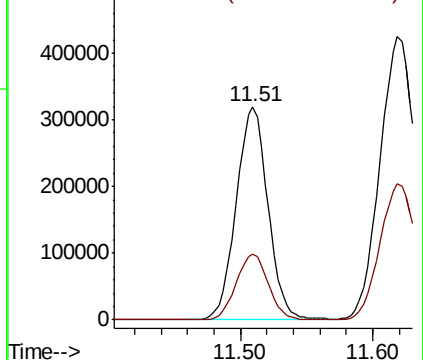
91 100

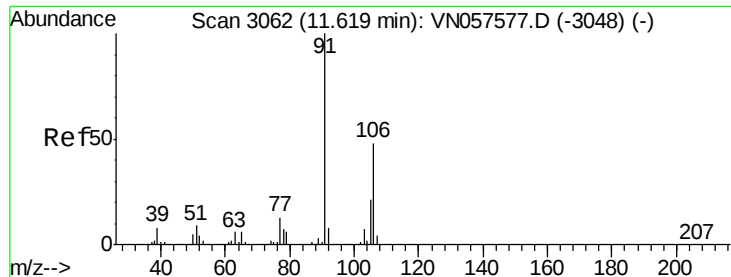
106 30.9 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

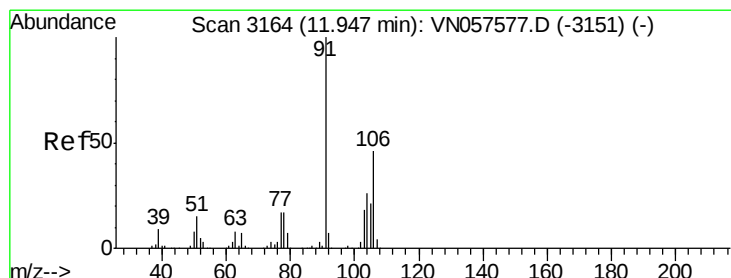
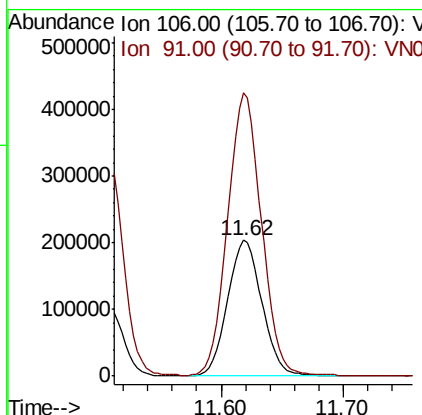
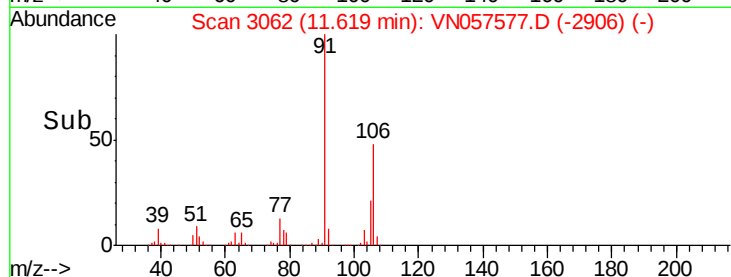
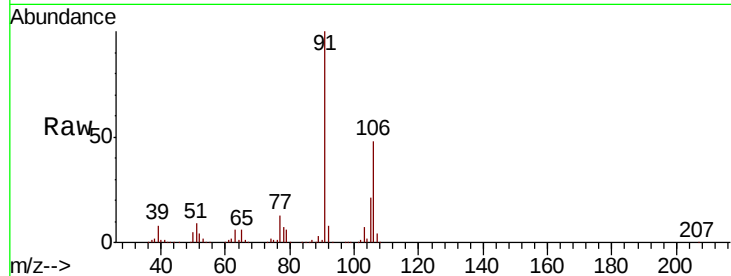




#67
m/p-Xylenes
Concen: 39.052 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

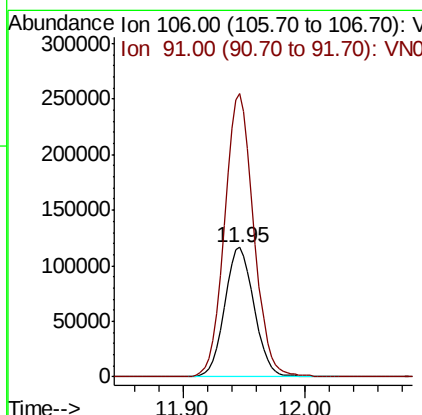
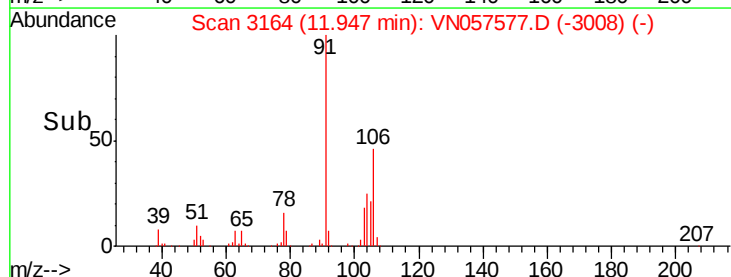
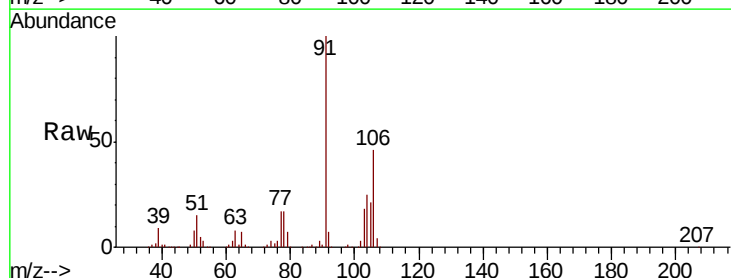
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

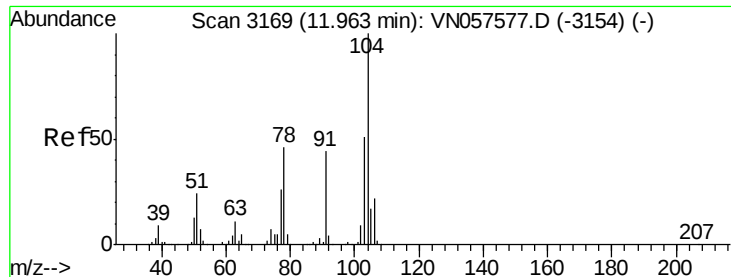
Tgt Ion:106 Resp: 398968
Ion Ratio Lower Upper
106 100
91 205.1 164.1 246.1



#68
o-Xylene
Concen: 19.648 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Tgt Ion:106 Resp: 197502
Ion Ratio Lower Upper
106 100
91 215.7 107.8 323.6

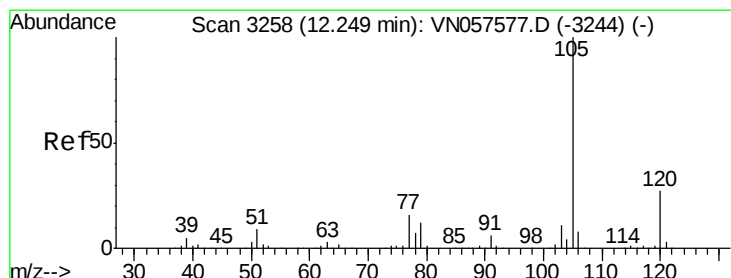
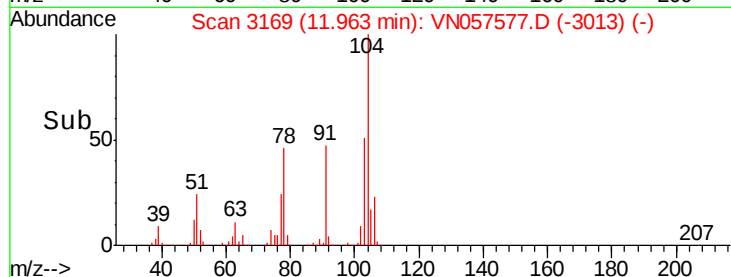
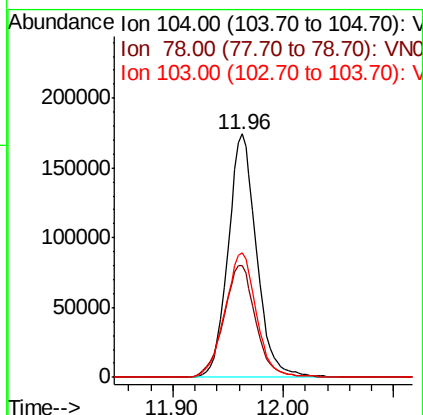
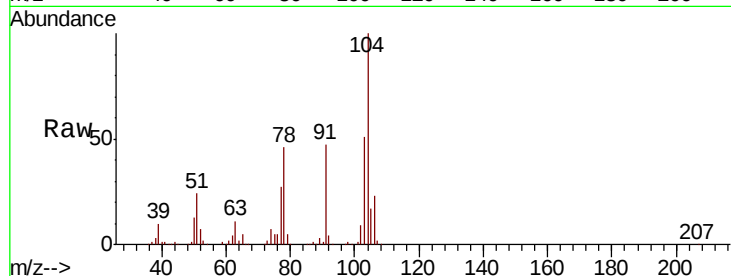




#69
Styrene
Concen: 19.217 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

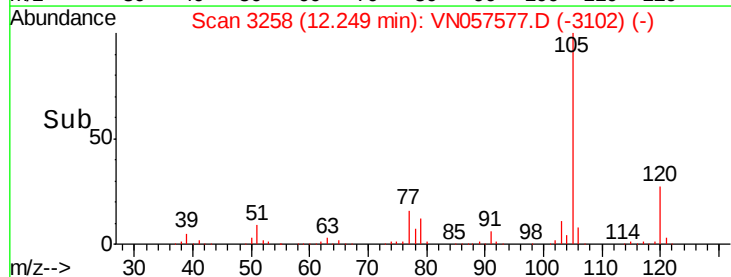
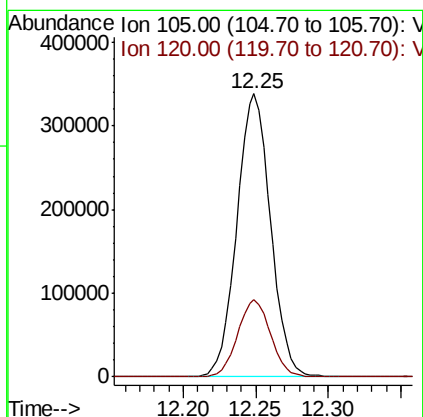
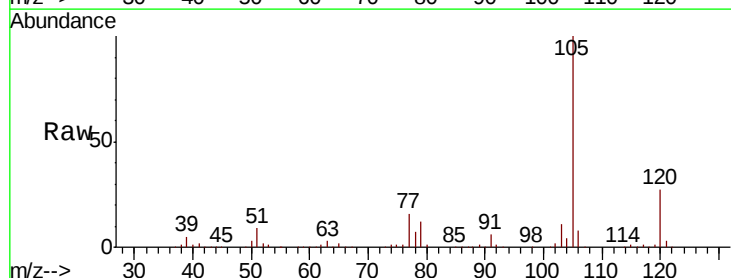
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

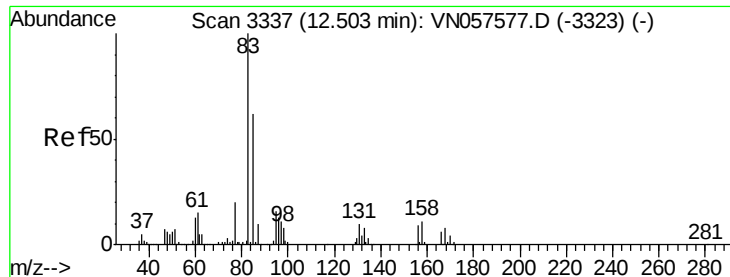
Tgt Ion:104 Resp: 311834
Ion Ratio Lower Upper
104 100
78 51.7 41.4 62.0
103 56.0 44.8 67.2



#70
Isopropylbenzene
Concen: 20.050 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Tgt Ion:105 Resp: 544903
Ion Ratio Lower Upper
105 100
120 26.7 18.7 34.7

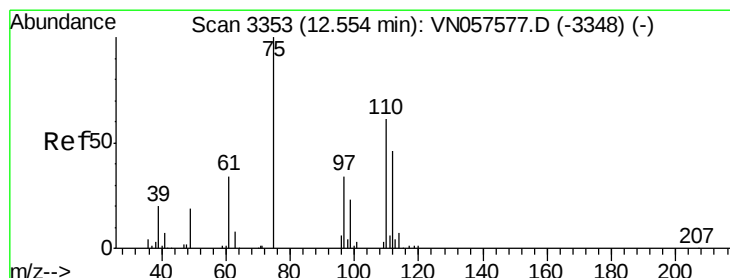
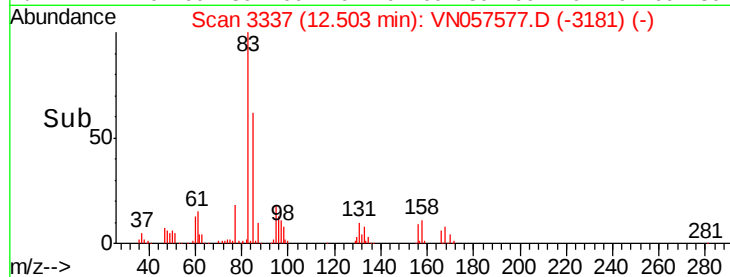
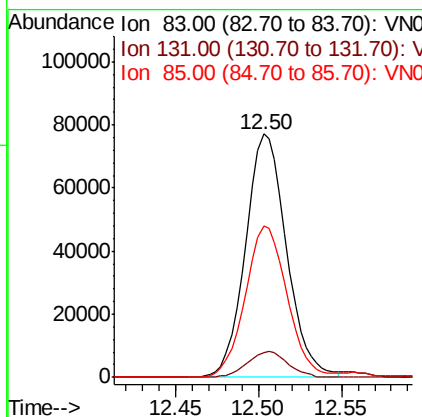
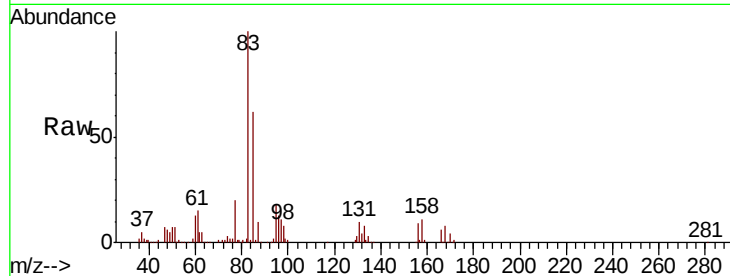




#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.443 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

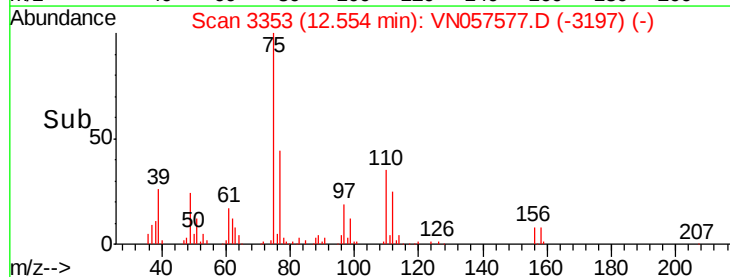
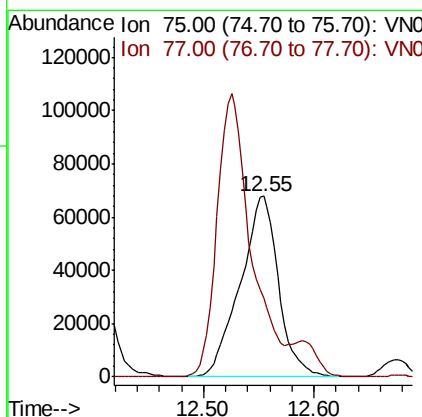
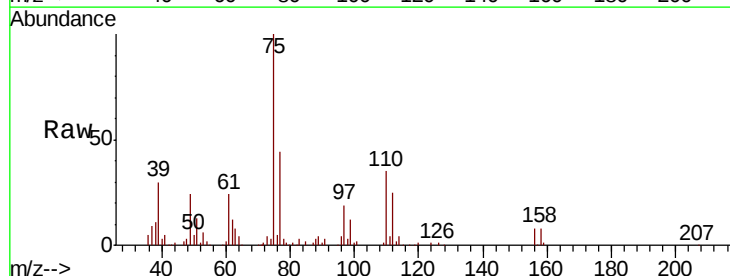
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

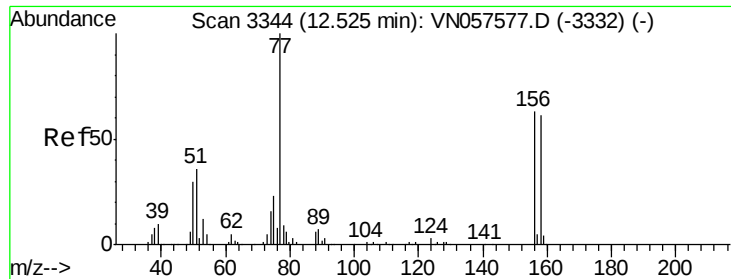
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.2	15.6
85	63.2	31.6	94.8



#72
 1,2,3-Trichloropropane
 Concen: 23.791 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	138.5	0.0	399.2





#73

Bromobenzene

Concen: 21.381 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

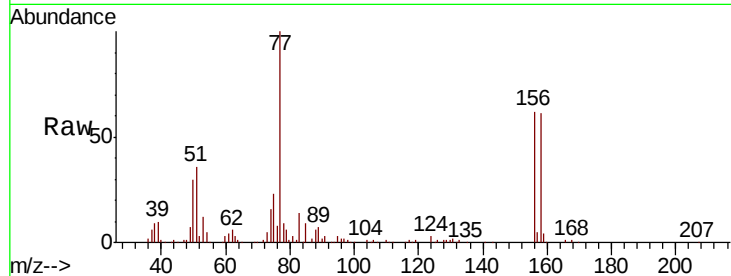
Tgt Ion: 156 Resp: 120565

Ion Ratio Lower Upper

156 100

77 187.3 0.0 374.6

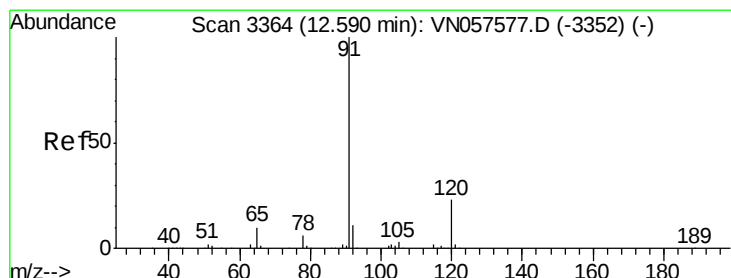
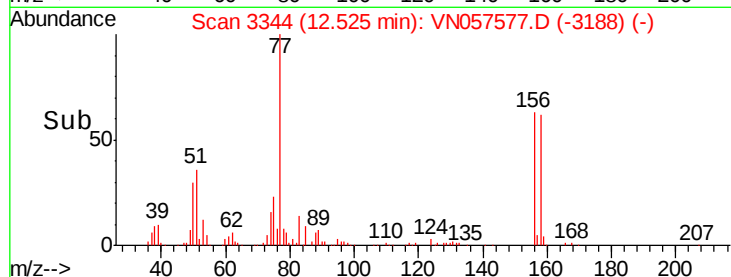
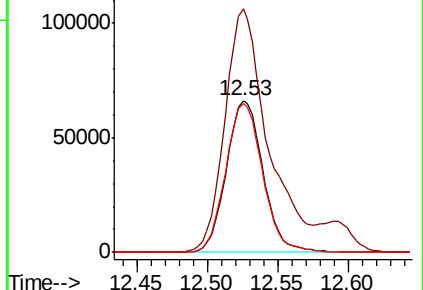
158 98.7 0.0 197.4



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: 18.181 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057577.D

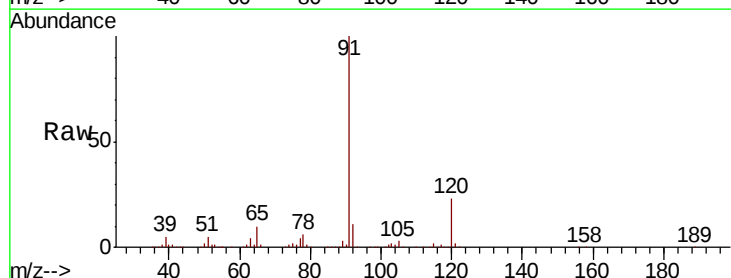
Acq: 30 Aug 2019 9:33

Tgt Ion: 91 Resp: 555828

Ion Ratio Lower Upper

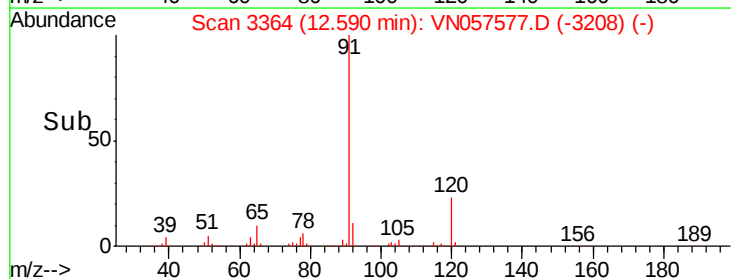
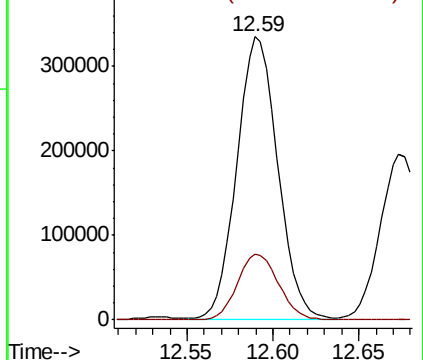
91 100

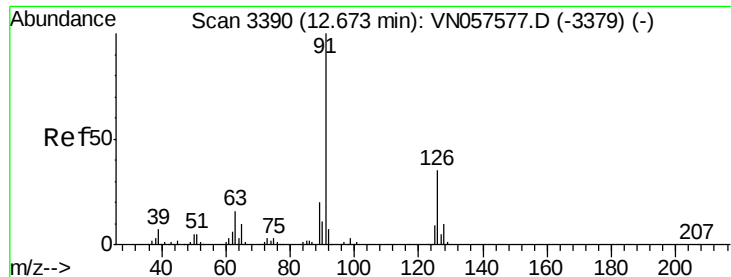
120 23.3 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.684 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

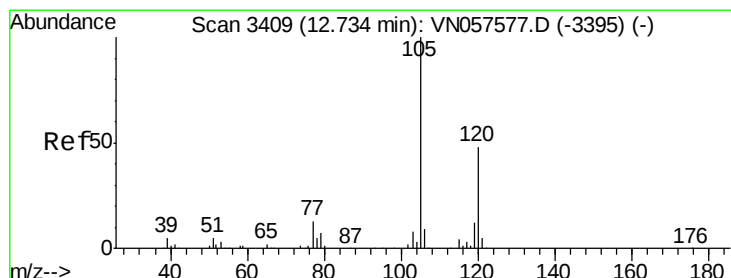
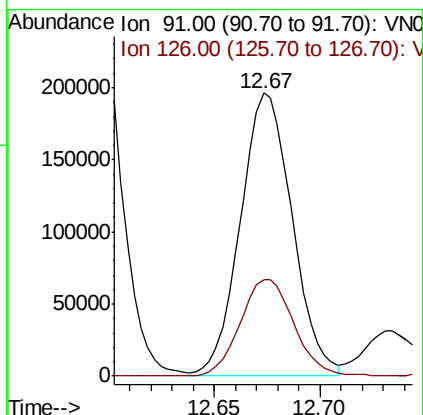
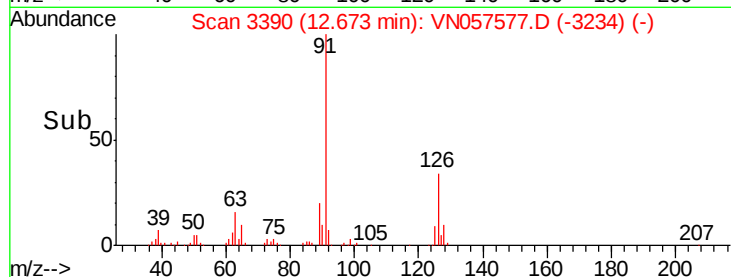
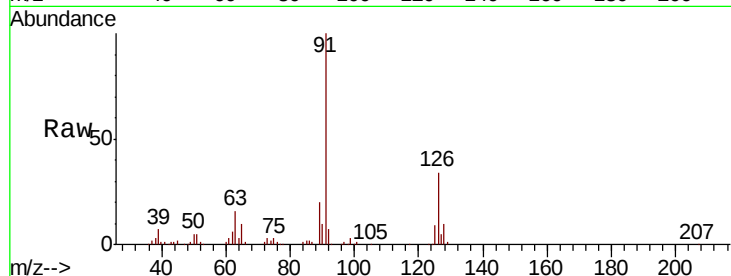
VSTDICCC020

Tgt Ion: 91 Resp: 336241

Ion Ratio Lower Upper

91 100

126 35.2 0.0 70.4



#76

1,3,5-Trimethylbenzene

Concen: 19.979 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057577.D

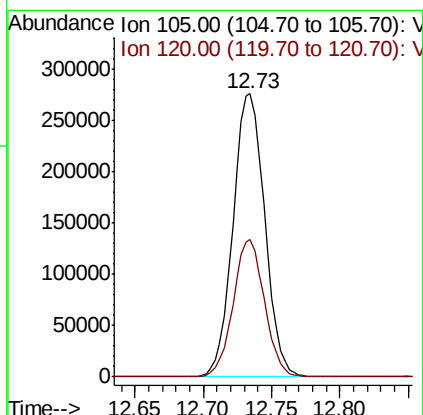
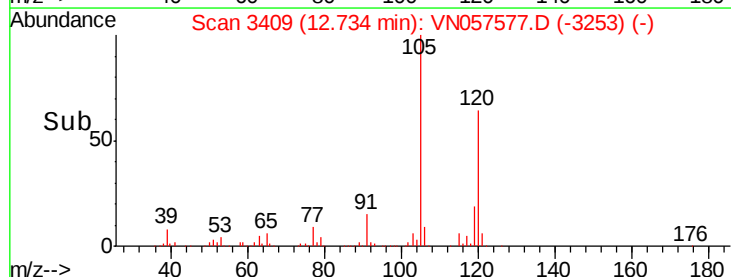
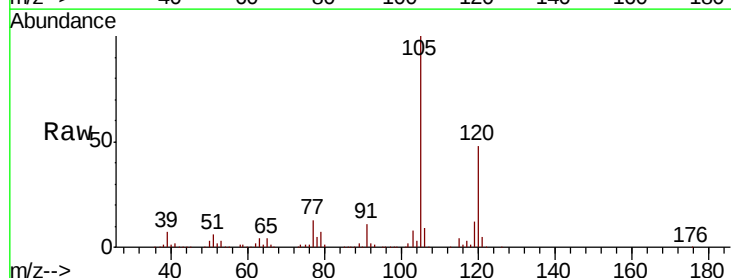
Acq: 30 Aug 2019 9:33

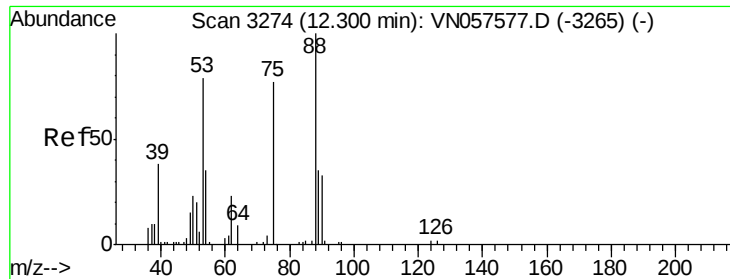
Tgt Ion: 105 Resp: 445746

Ion Ratio Lower Upper

105 100

120 47.9 0.0 95.8





#77

t-1,4-Dichloro-2-butene

Concen: 12.466 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

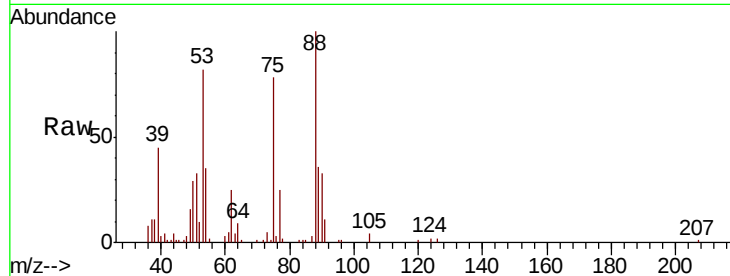
Tgt Ion: 75 Resp: 29376

Ion Ratio Lower Upper

75 100

53 105.6 52.8 158.4

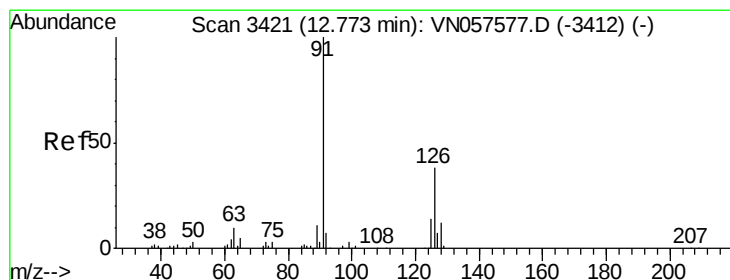
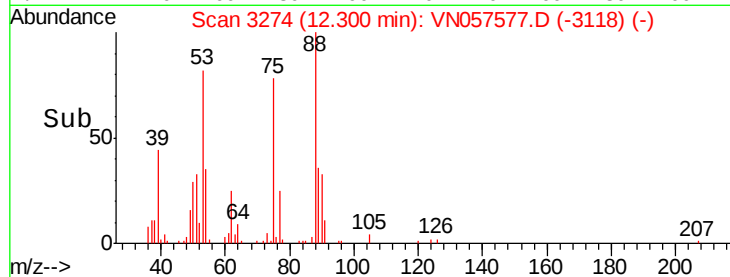
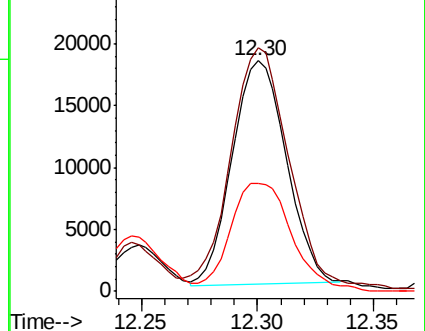
89 46.3 23.2 69.5



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: 18.649 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057577.D

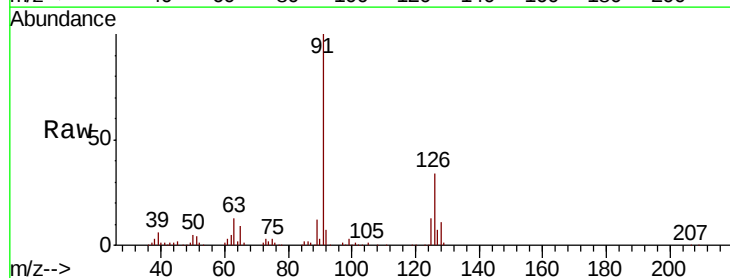
Acq: 30 Aug 2019 9:33

Tgt Ion: 91 Resp: 321877

Ion Ratio Lower Upper

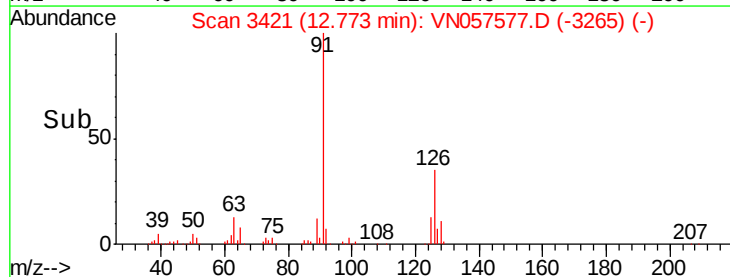
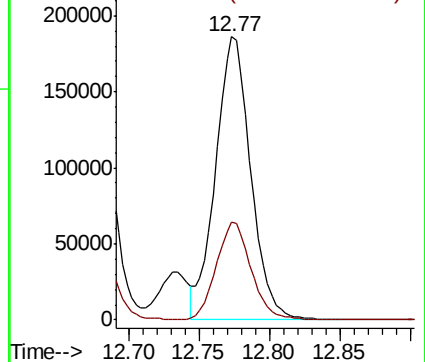
91 100

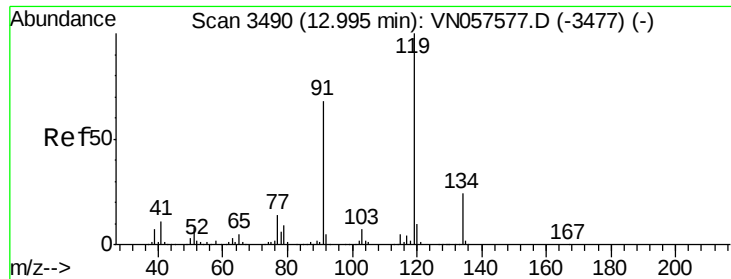
126 34.3 0.0 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

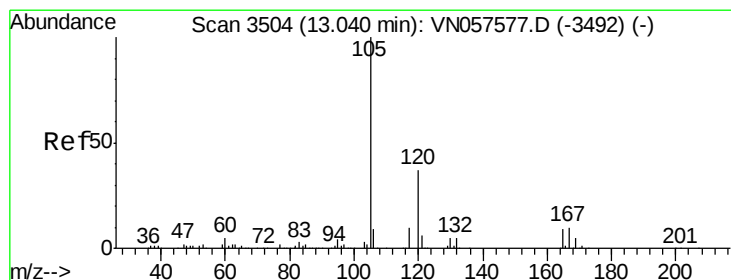
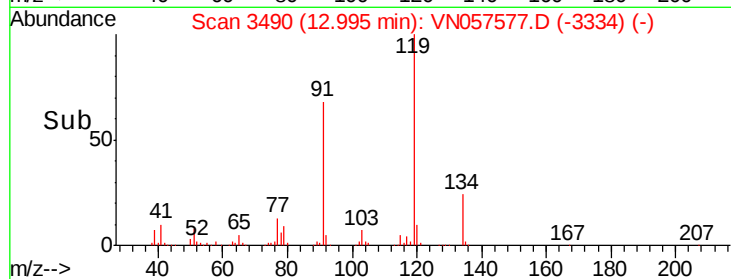
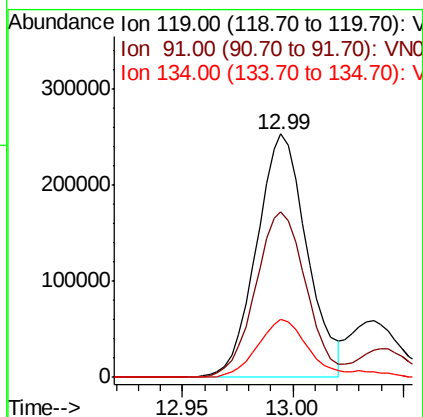
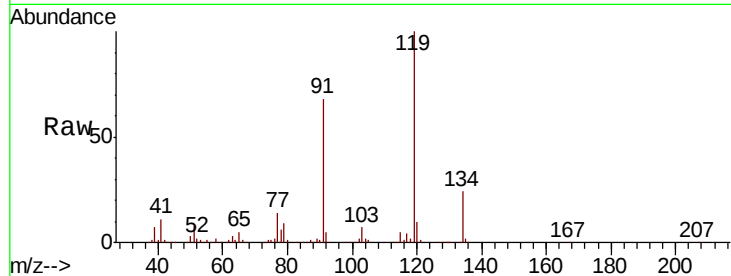




#79
tert-butylbenzene
Concen: 20.787 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

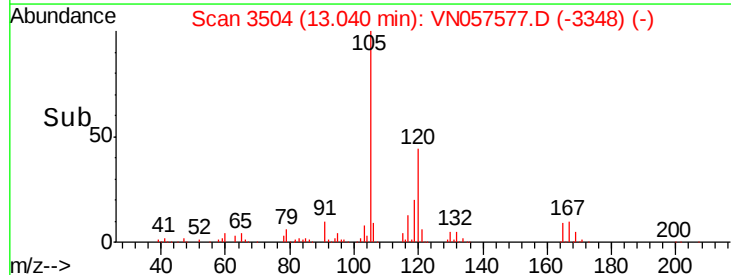
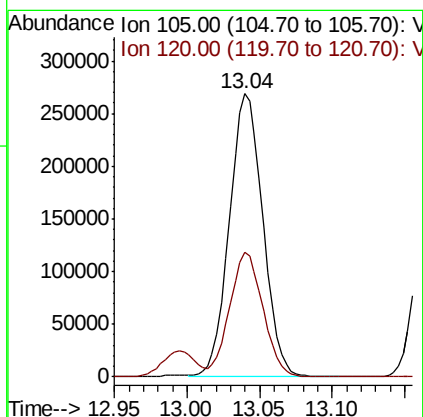
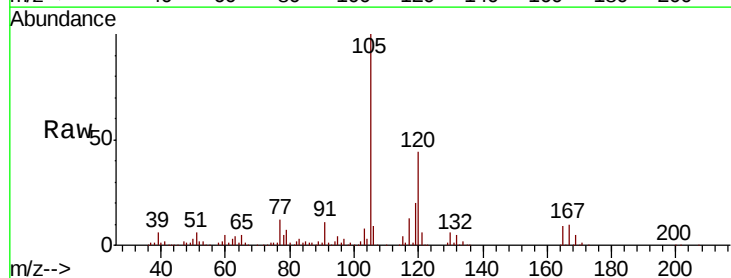
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

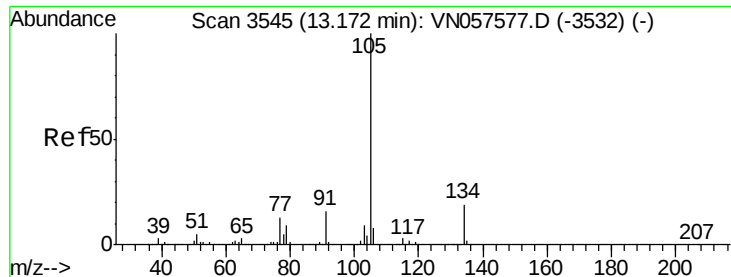
Tgt Ion:119 Resp: 398583
Ion Ratio Lower Upper
119 100
91 68.8 0.0 137.6
134 23.9 0.0 47.8



#80
1,2,4-Trimethylbenzene
Concen: 20.556 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Tgt Ion:105 Resp: 431114
Ion Ratio Lower Upper
105 100
120 43.6 0.0 87.2

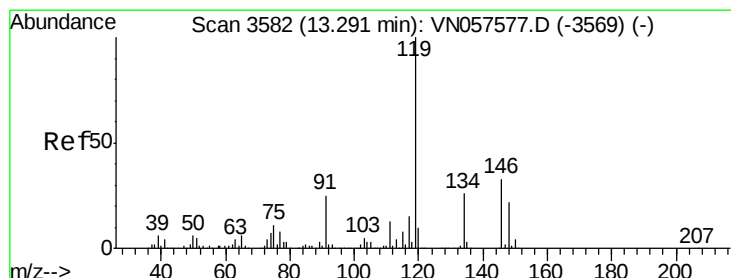
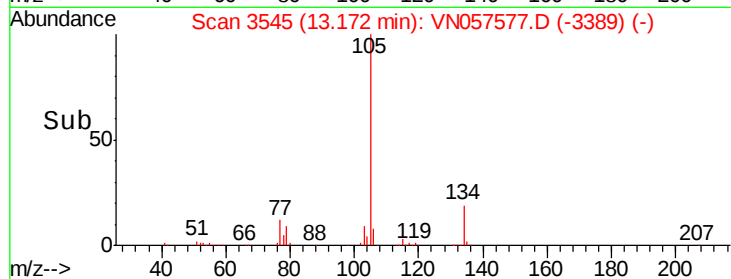
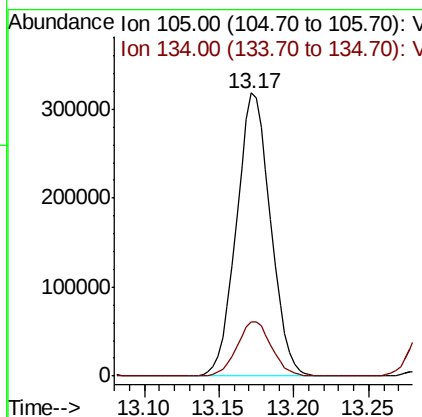
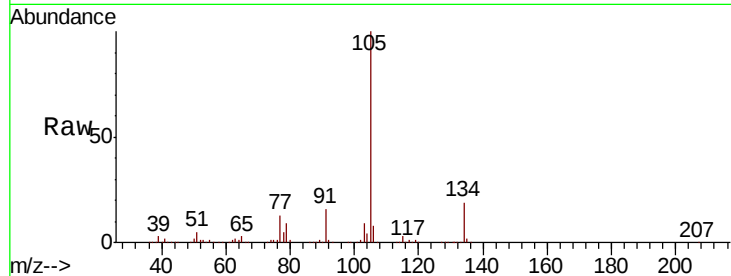




#81
 sec-Butylbenzene
 Concen: 20.028 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

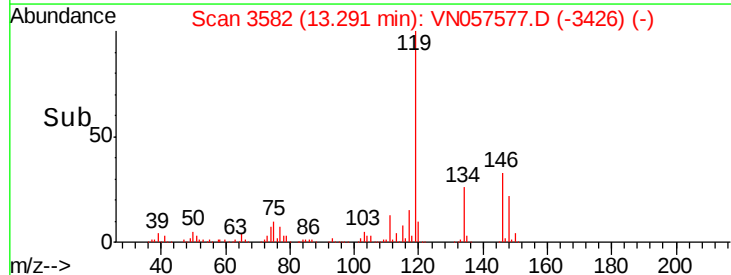
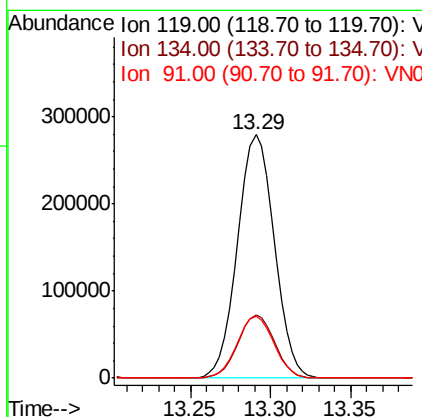
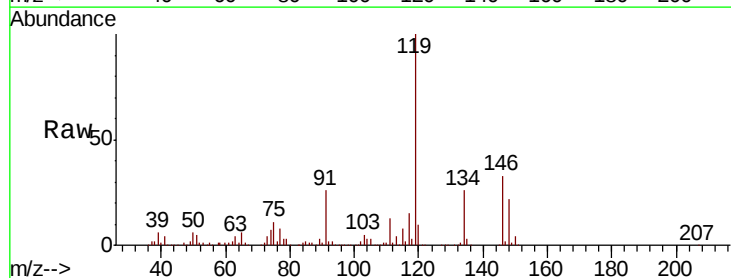
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

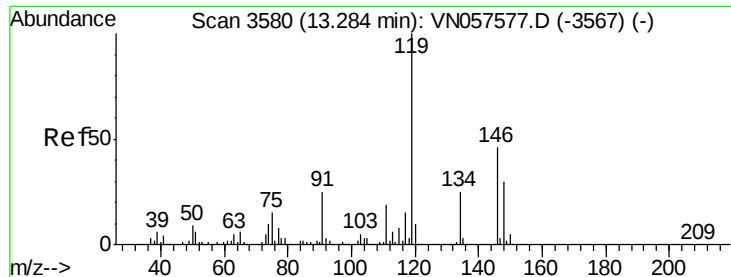
Tgt Ion:105 Resp: 503600
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.2



#82
 p-Isopropyltoluene
 Concen: 20.421 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion:119 Resp: 437802
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.6
 91 25.4 0.0 50.8





#83

1,3-Dichlorobenzene

Concen: 20.961 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

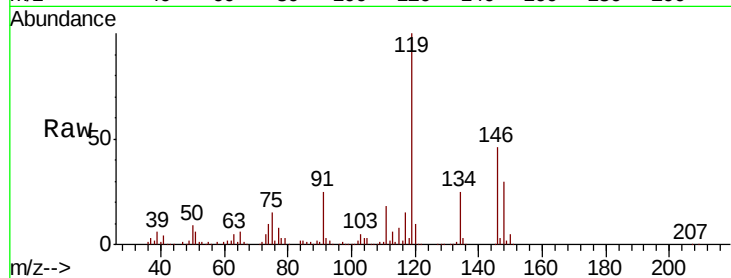
Tgt Ion:146 Resp: 185268

Ion Ratio Lower Upper

146 100

111 40.0 20.0 60.0

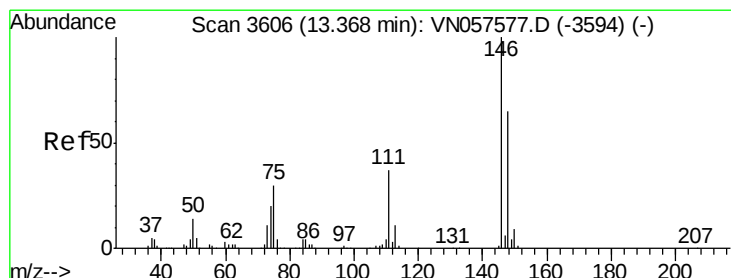
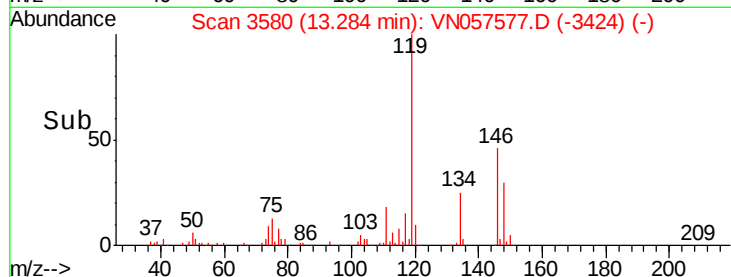
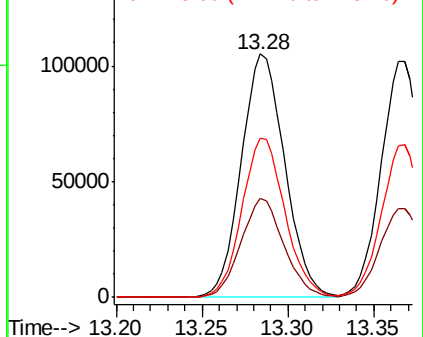
148 64.6 32.3 96.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 20.434 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN057577.D

Acq: 30 Aug 2019 9:33

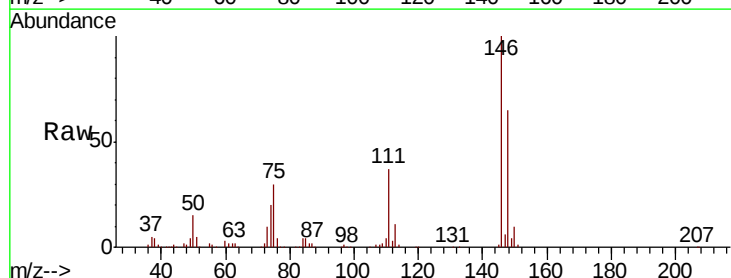
Tgt Ion:146 Resp: 175887

Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

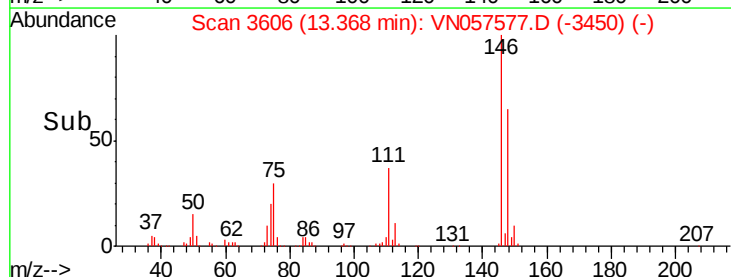
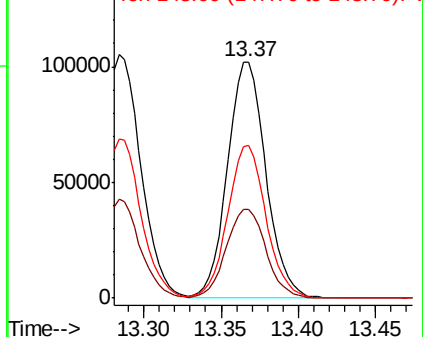
148 64.4 32.2 96.6

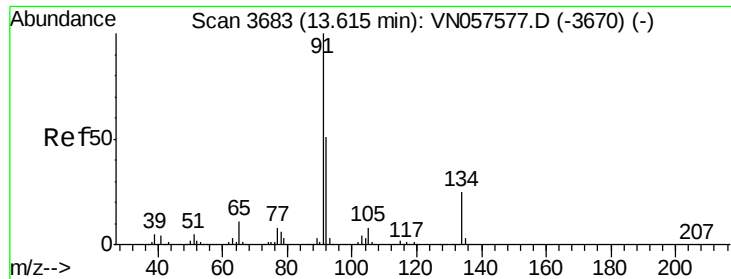


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

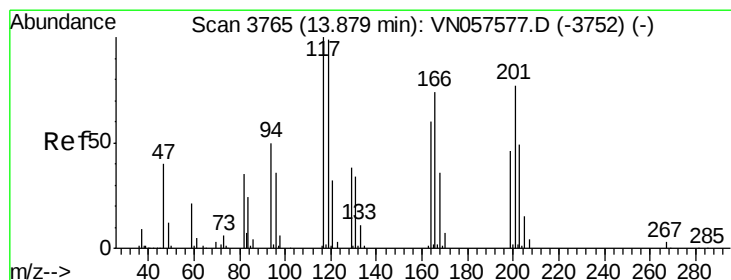
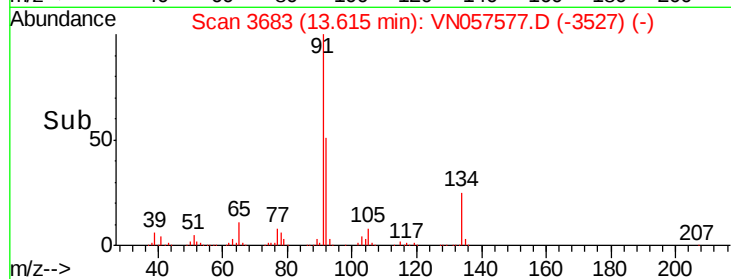
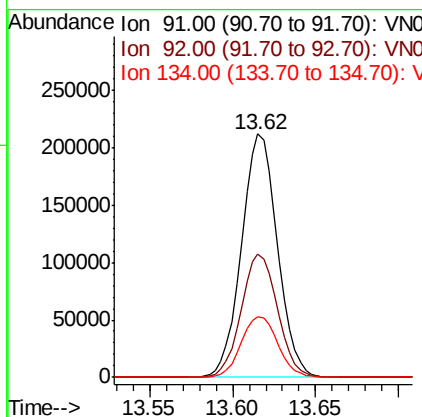
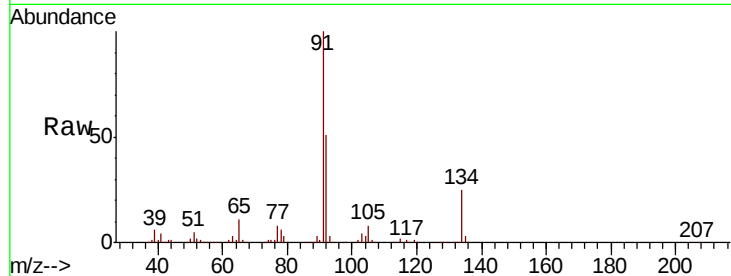




#85
n-Butylbenzene
Concen: 17.483 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

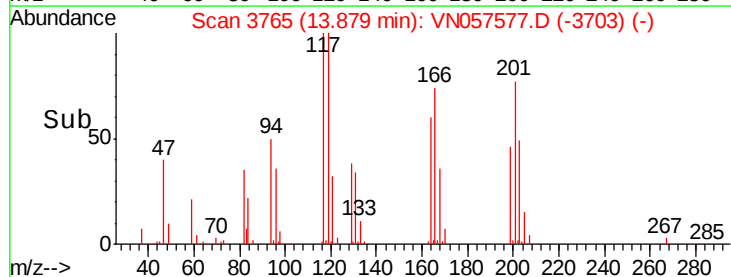
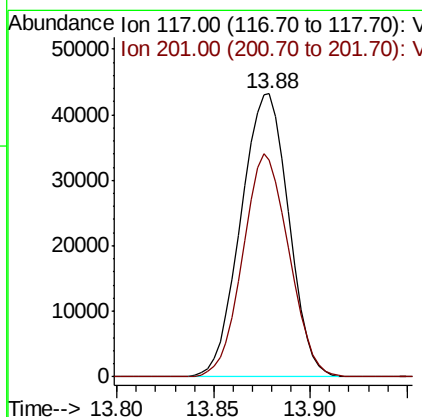
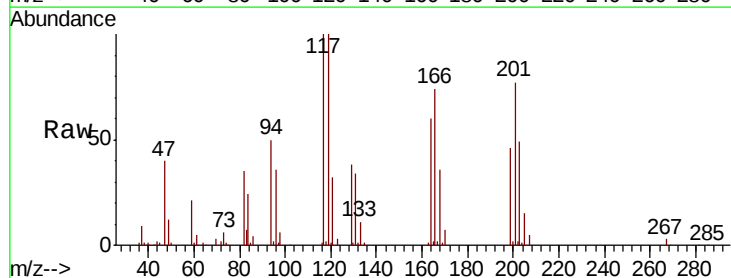
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

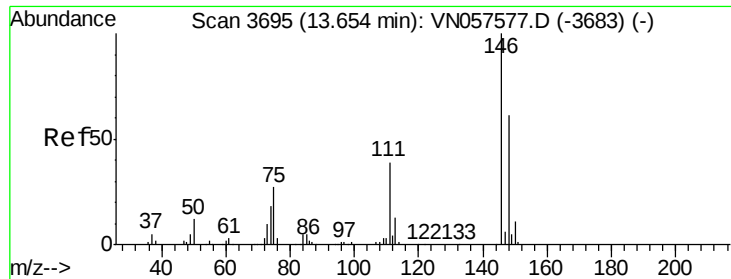
Tgt Ion: 91 Resp: 319510
Ion Ratio Lower Upper
91 100
92 51.5 0.0 103.0
134 25.5 0.0 51.0



#86
Hexachloroethane
Concen: 17.897 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Tgt Ion: 117 Resp: 74318
Ion Ratio Lower Upper
117 100
201 75.9 38.0 113.9

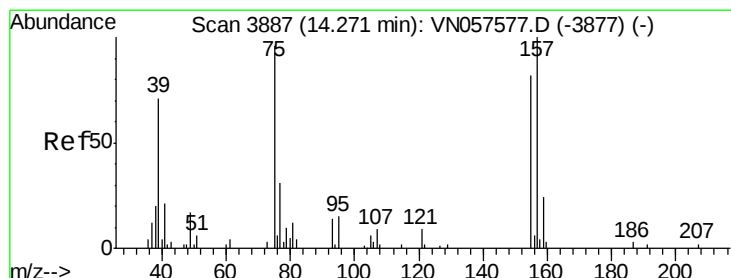
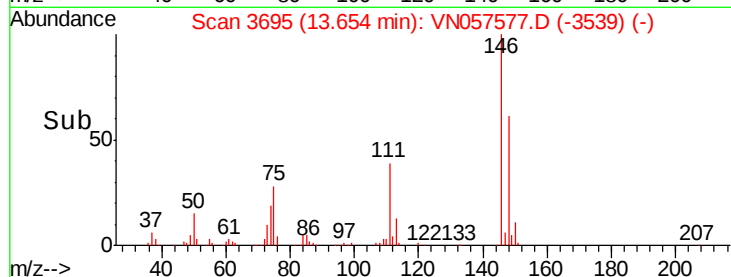
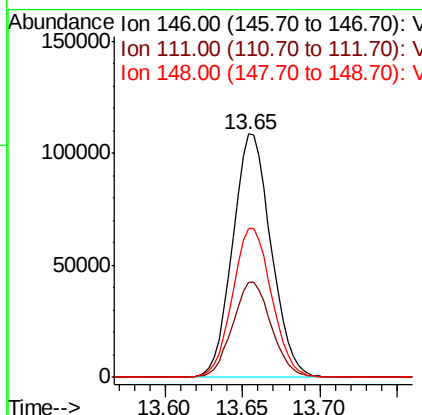
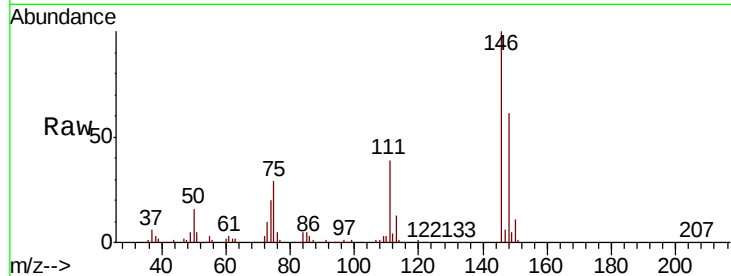




#87
 1,2-Dichlorobenzene
 Concen: 21.543 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

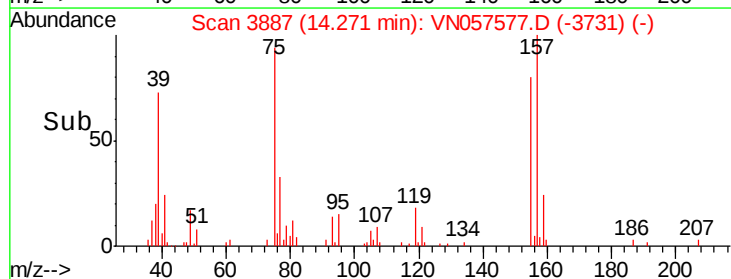
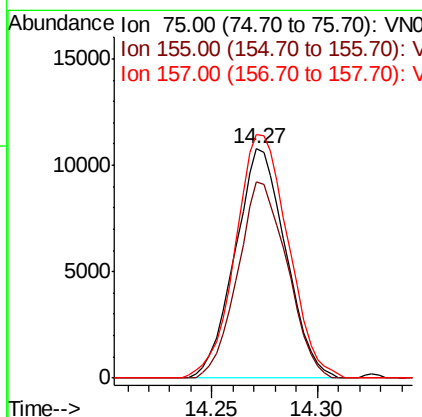
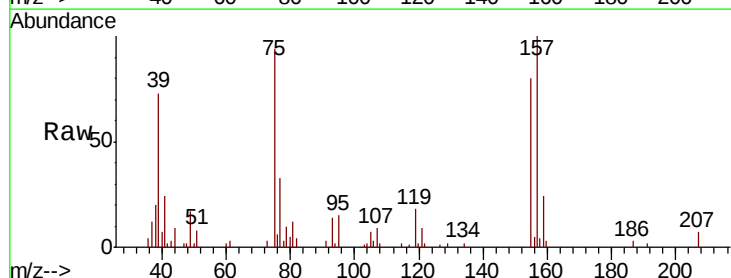
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

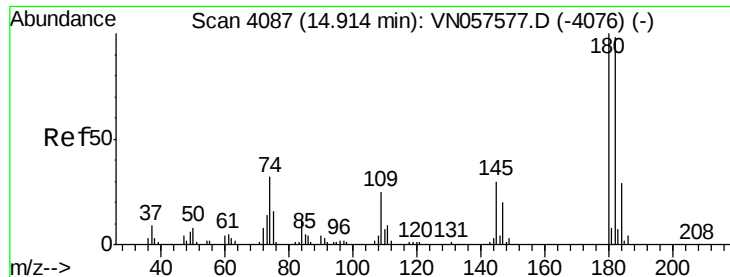
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.6
148	62.4	31.2	93.6



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 14.326 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	66.5	99.7
157	110.5	88.4	132.6

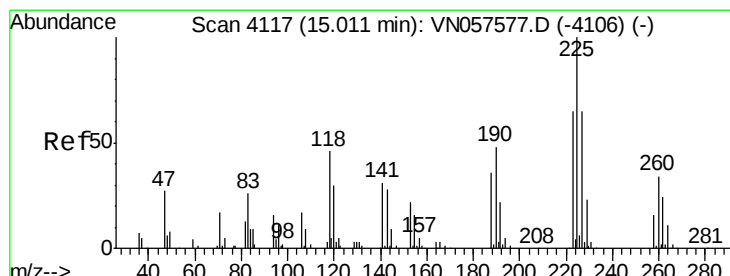
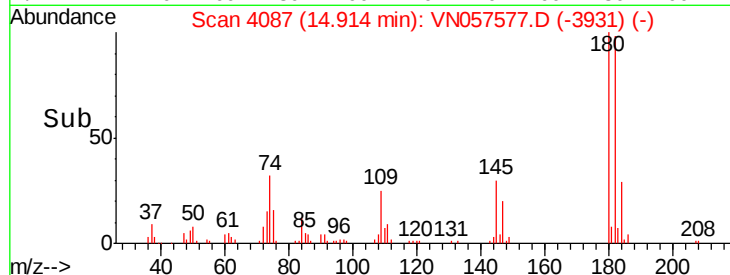
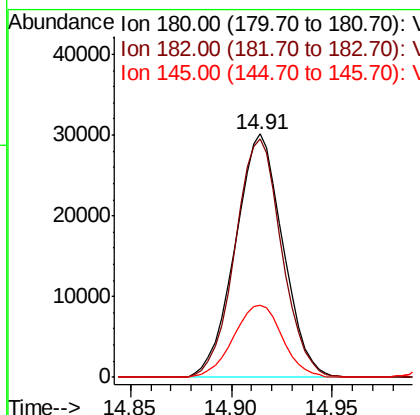
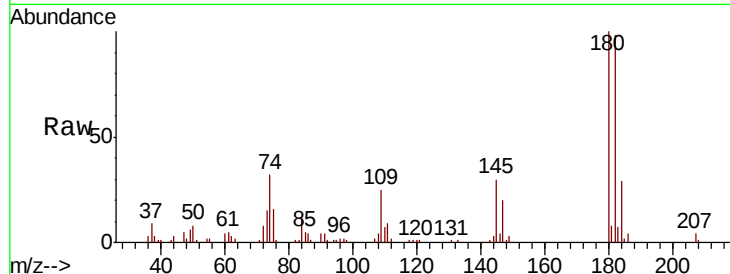




#89
 1,2,4-Trichlorobenzene
 Concen: 15.353 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

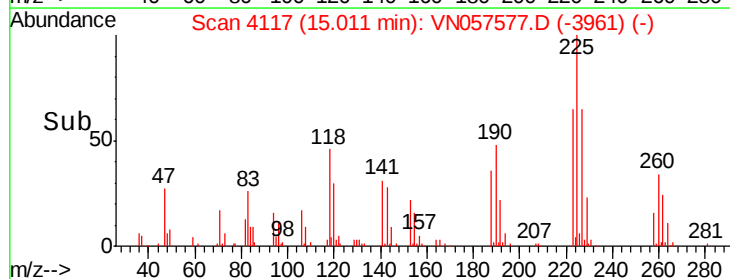
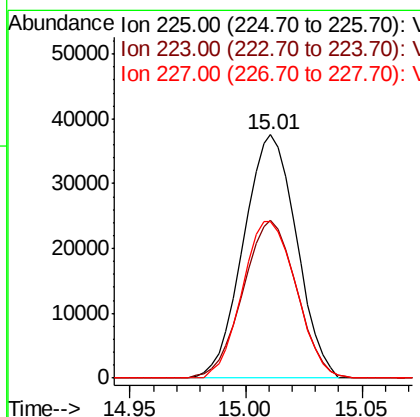
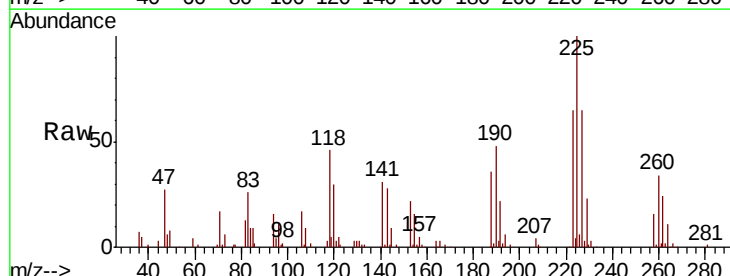
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

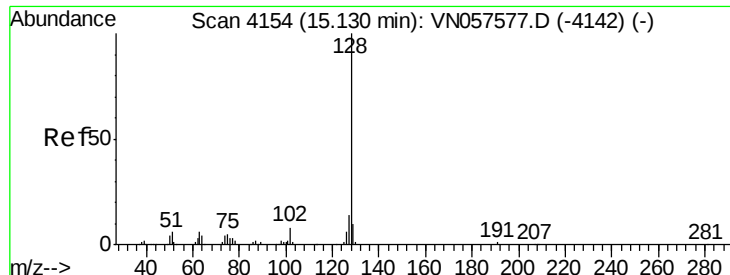
Tgt Ion:180 Resp: 49789
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.6 115.0
 145 30.5 24.4 36.6



#90
 Hexachlorobutadiene
 Concen: 23.759 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057577.D
 Acq: 30 Aug 2019 9:33

Tgt Ion:225 Resp: 59700
 Ion Ratio Lower Upper
 225 100
 223 65.3 0.0 130.6
 227 65.5 0.0 131.0

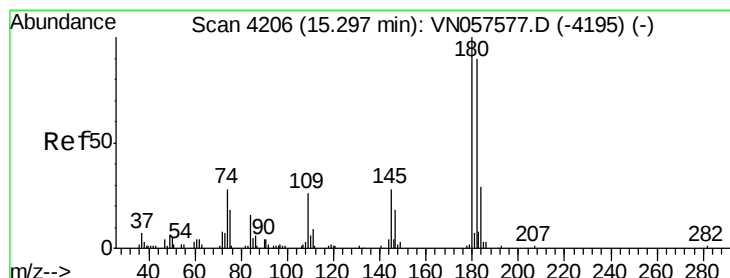
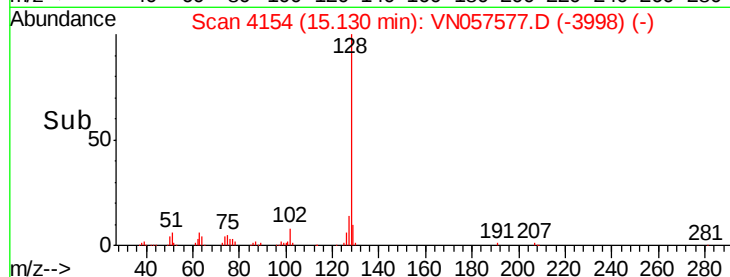
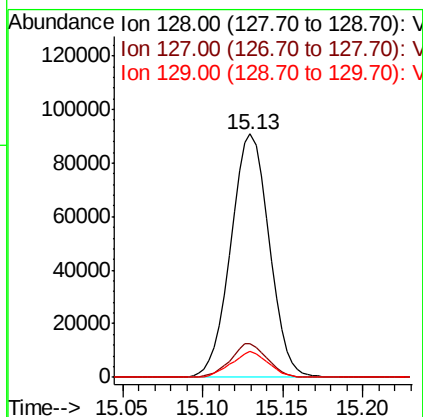
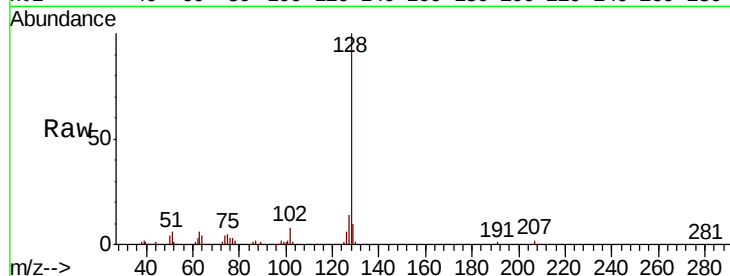




#91
Naphthalene
Concen: 14.558 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 148456
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.1 8.1 12.1



#92
1,2,3-Trichlorobenzene
Concen: 15.711 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057577.D
Acq: 30 Aug 2019 9:33

Tgt Ion:180 Resp: 50302
Ion Ratio Lower Upper
180 100
182 90.5 0.0 181.0
145 31.1 0.0 62.2

