

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122019\
 Data File : VN059683.D
 Acq On : 20 Dec 2019 15:58
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 16:34:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N122019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 20 16:30:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	242156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	398599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	374988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128391	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	160624	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	
35) Dibromofluoromethane	7.57	113	110528	45.13	ug/l	0.00
Spiked Amount			Recovery	=	90.26%	
50) Toluene-d8	10.08	98	453145	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	
62) 4-Bromofluorobenzene	12.40	95	133045	39.04	ug/l	0.00
Spiked Amount			Recovery	=	78.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	150064	47.741	ug/l	100
3) Chloromethane	2.04	50	144717	31.075	ug/l	100
4) Vinyl Chloride	2.17	62	173381	38.169	ug/l	100
5) Bromomethane	2.53	94	104245	39.614	ug/l	100
6) Chloroethane	2.67	64	103753	40.285	ug/l	100
7) Trichlorofluoromethane	2.99	101	147551	30.780	ug/l	100
8) Diethyl Ether	3.38	74	72884	45.723	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	103549	40.805	ug/l	100
10) Methyl Iodide	3.92	142	136495	41.269	ug/l	100
11) Tert butyl alcohol	4.75	59	119880	192.729	ug/l	100
12) 1,1-Dichloroethene	3.71	96	100067	40.506	ug/l	100
13) Acrolein	3.58	56	42213	105.750	ug/l	100
14) Allyl chloride	4.29	41	205752	40.396	ug/l	100
15) Acrylonitrile	4.95	53	322198	211.750	ug/l	100
16) Acetone	3.79	43	348105	175.016	ug/l	100
17) Carbon Disulfide	4.02	76	321975	37.733	ug/l	100
18) Methyl Acetate	4.29	43	197603	45.288	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	373935	42.697	ug/l	100
20) Methylene Chloride	4.52	84	126801	42.673	ug/l	100
21) trans-1,2-Dichloroethene	5.00	96	111673	40.502	ug/l	100
22) Diisopropyl ether	5.92	45	406295	43.280	ug/l	100
23) Vinyl Acetate	5.86	43	1606951	219.980	ug/l	100
24) 1,1-Dichloroethane	5.82	63	224602	42.286	ug/l	100
25) 2-Butanone	6.81	43	494161	203.897	ug/l	100
26) 2,2-Dichloropropane	6.79	77	209134	43.187	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	131829	43.036	ug/l	100
28) Bromochloromethane	7.17	49	81692	46.205	ug/l	100
29) Tetrahydrofuran	7.18	42	343157	227.590	ug/l	100
30) Chloroform	7.35	83	277977	51.318	ug/l	100
31) Cyclohexane	7.63	56	231979	45.350	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	215034	45.055	ug/l	100
36) 1,1-Dichloropropene	7.77	75	191788	46.512	ug/l	100
37) Ethyl Acetate	6.90	43	220452	45.900	ug/l	100
38) Carbon Tetrachloride	7.75	117	198178	46.225	ug/l	100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N122019W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	271511	56.108	ug/l	100
40) Benzene	8.02	78	565038	46.860	ug/l	100
41) Methacrylonitrile	7.18	41	314600	160.501	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	240029	51.182	ug/l	100
43) Isopropyl Acetate	8.14	43	393349	51.847	ug/l	100
44) Trichloroethene	8.82	130	137770	43.922	ug/l	100
45) 1,2-Dichloropropane	9.10	63	187352	55.478	ug/l	100
46) Dibromomethane	9.19	93	106028	49.139	ug/l	100
47) Bromodichloromethane	9.39	83	218225	50.634	ug/l	100
48) Methyl methacrylate	9.18	41	172532	50.400	ug/l	100
49) 1,4-Dioxane	9.18	88	45428	951.769	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	1194982	265.428	ug/l	100
52) Toluene	10.14	92	406279	53.335	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	257337	51.530	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	255552	49.160	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	150610	51.010	ug/l	100
56) Ethyl methacrylate	10.42	69	226135	52.049	ug/l	100
57) 1,3-Dichloropropane	10.70	76	291907	55.769	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	492708	345.701	ug/l	100
59) 2-Hexanone	10.74	43	960070	270.270	ug/l	100
60) Dibromochloromethane	10.89	129	169740	52.509	ug/l	100
61) 1,2-Dibromoethane	11.00	107	170387	53.700	ug/l	100
64) Tetrachloroethene	10.62	164	138759	40.479	ug/l	100
65) Chlorobenzene	11.43	112	352123	44.065	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	158012	50.762	ug/l	100
67) Ethyl Benzene	11.50	91	792020	53.213	ug/l	100
68) m/p-Xylenes	11.62	106	422187	80.767	ug/l	100
69) o-Xylene	11.94	106	178824	36.542	ug/l	100
70) Styrene	11.96	104	290612	37.101	ug/l	100
71) Bromoform	12.12	173	79753	36.430	ug/l #	100
73) Isopropylbenzene	12.25	105	521545	51.137	ug/l	100
74) N-amyl acetate	12.07	43	241206	51.845	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	174565	53.443	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	262349	80.071	ug/l #	100
77) Bromobenzene	12.52	156	130665	51.635	ug/l	100
78) n-propylbenzene	12.59	91	657336	53.987	ug/l	100
79) 2-Chlorotoluene	12.67	91	385141	52.368	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	482246	55.023	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	67465	51.423	ug/l	100
82) 4-Chlorotoluene	12.77	91	415609	54.756	ug/l	100
83) tert-Butylbenzene	12.99	119	366023	50.108	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	490921	56.179	ug/l	100
85) sec-Butylbenzene	13.17	105	549877	55.630	ug/l	100
86) p-Isopropyltoluene	13.28	119	424158	48.750	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	203121	44.837	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	196149	43.085	ug/l	100
89) n-Butylbenzene	13.61	91	387641	47.620	ug/l	100
90) Hexachloroethane	13.87	117	86843	52.039	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	192468	43.310	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	39322	41.479	ug/l	100

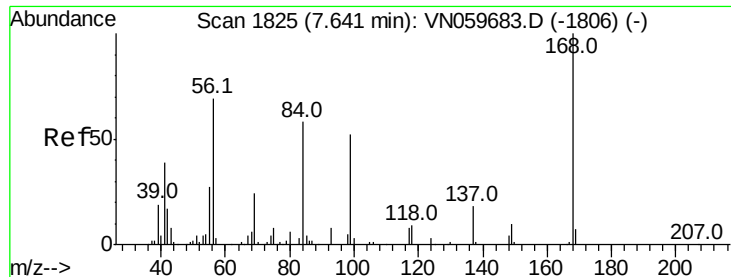
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Quant Title : SW846 8260
QLast Update : Fri Dec 20 16:30:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	119634	41.681	ug/l	100
94) Hexachlorobutadiene	15.00	225	61830	40.002	ug/l	100
95) Naphthalene	15.12	128	339050	39.807	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	124248	42.316	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

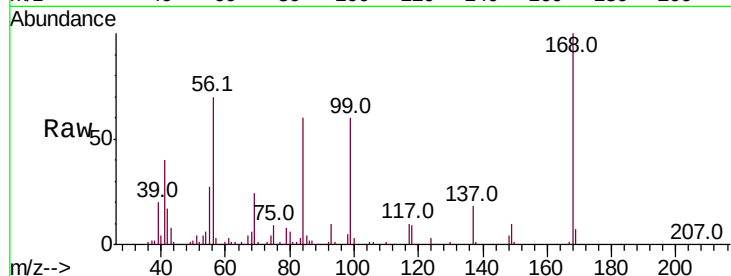
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 242156

Ion Ratio Lower Upper

168 100

99 59.4 47.5 71.3

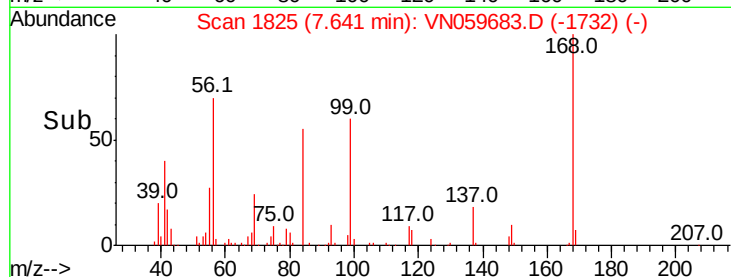


Abundance Ion 167.90 (167.60 to 168.60): V

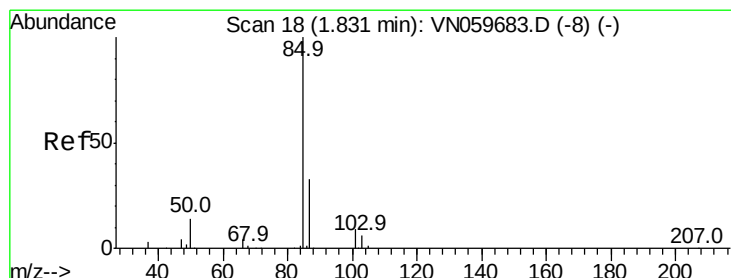
Ion 98.90 (98.60 to 99.60): VNO

7.64

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 47.741 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN059683.D

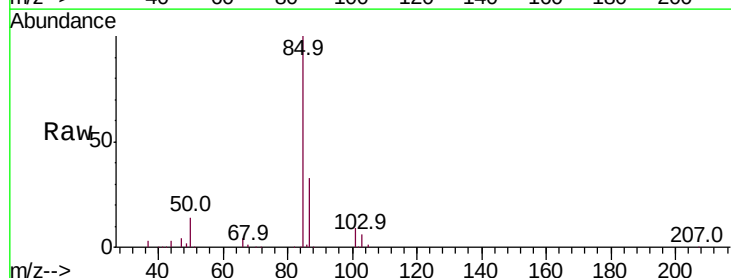
Acq: 20 Dec 2019 15:58

Tgt Ion: 85 Resp: 150064

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1

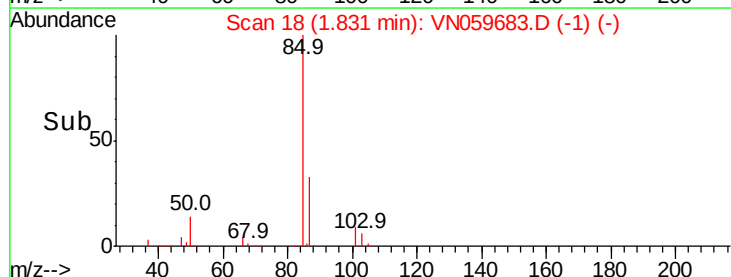


Abundance Ion 84.90 (84.60 to 85.60): VNO

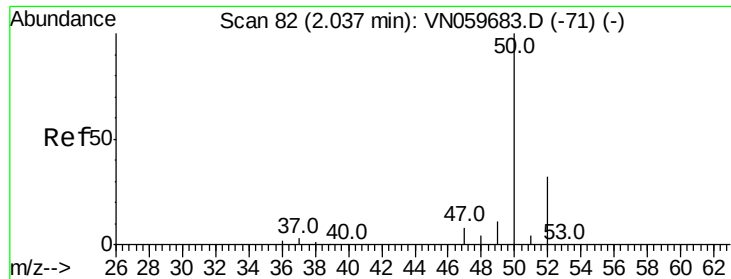
Ion 86.90 (86.60 to 87.60): VNO

1.83

Time-->



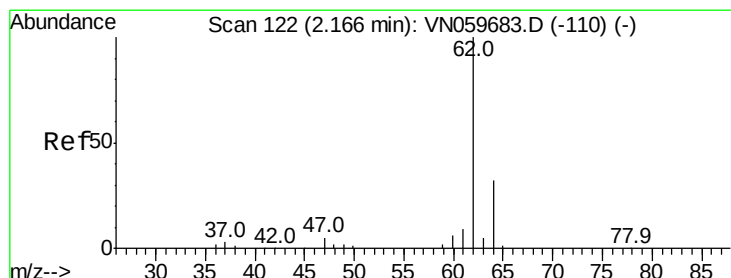
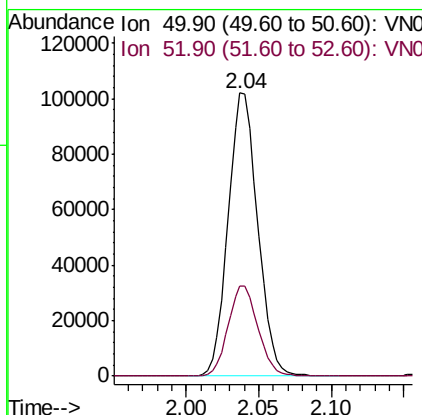
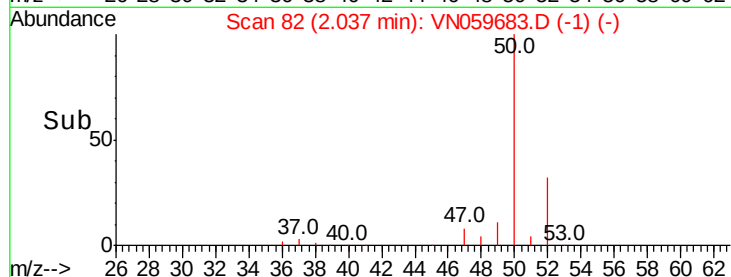
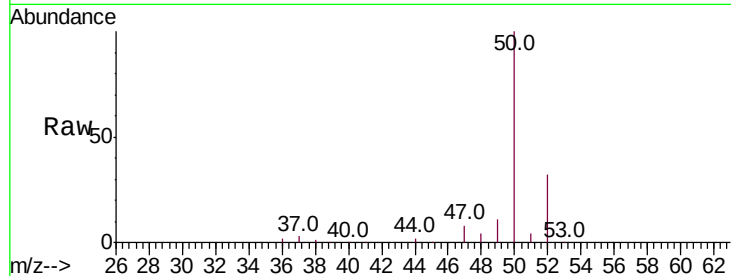
Time-->



#3
Chloromethane
Concen: 31.075 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

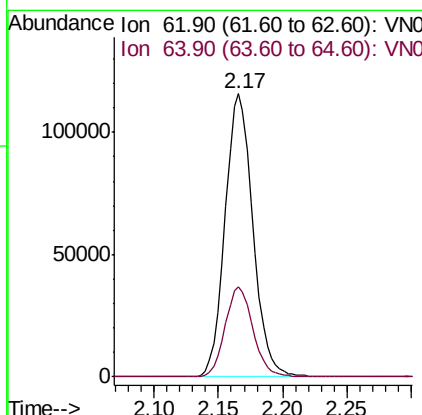
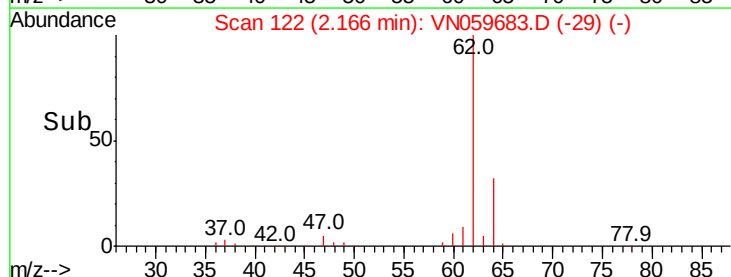
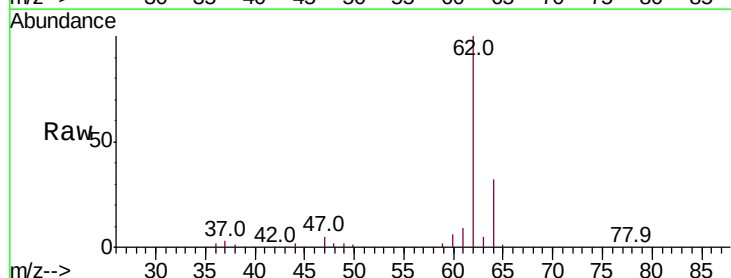
Instrument :
MSVOA_X
ClientSampleId :

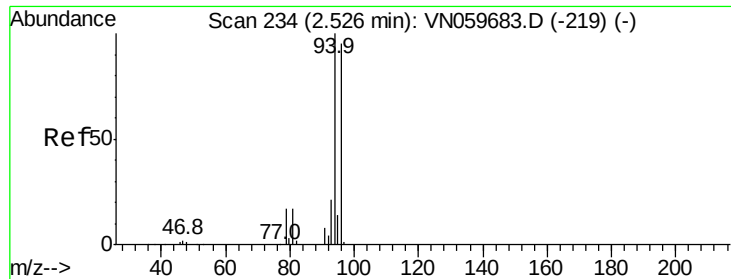
Tot Ion: 50 Resp: 144717
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3



#4
Vinyl Chloride
Concen: 38.169 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion: 62 Resp: 173381
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5

Bromomethane

Concen: 39.614 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

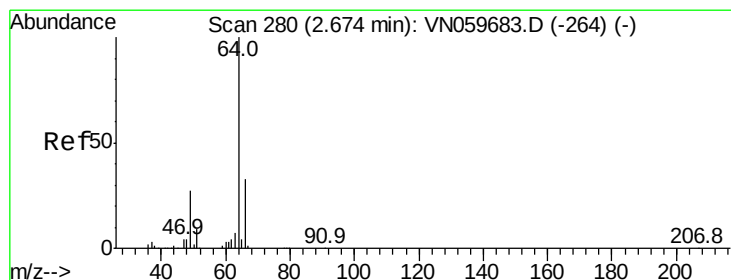
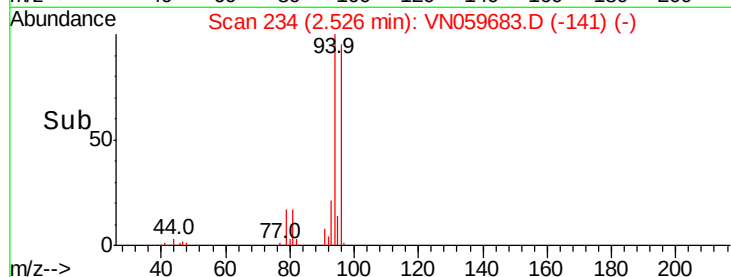
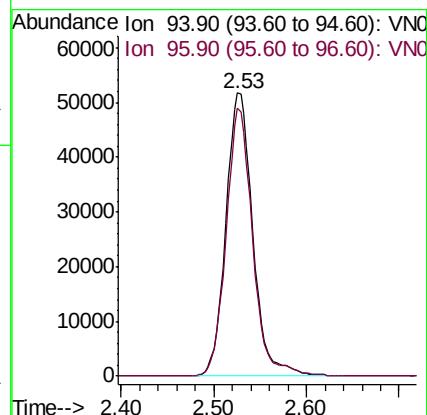
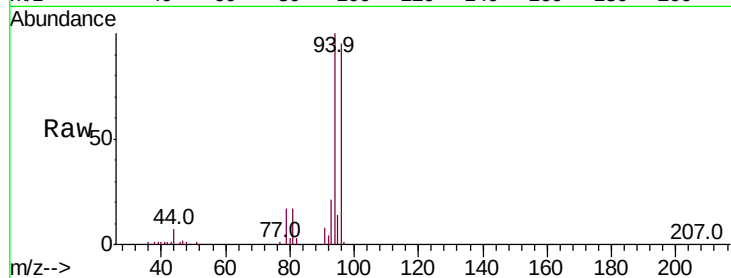
ClientSampleId :

Tot Ion: 94 Resp: 104245

Ion Ratio Lower Upper

94 100

96 94.7 75.8 113.6



#6

Chloroethane

Concen: 40.285 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN059683.D

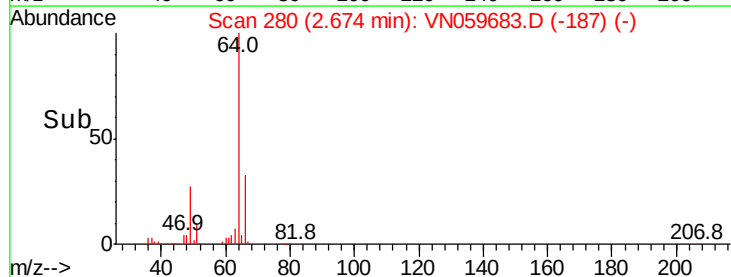
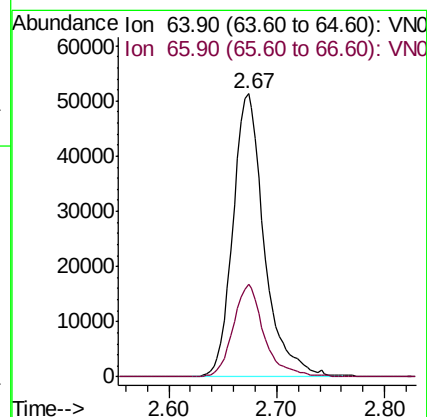
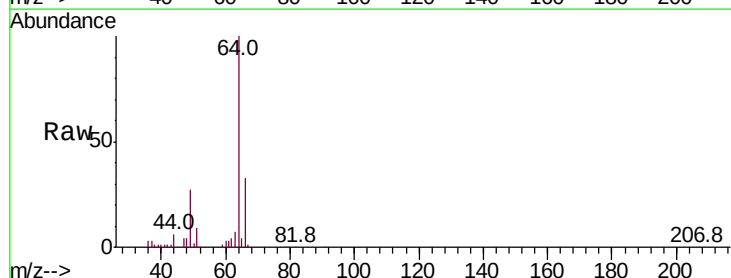
Acq: 20 Dec 2019 15:58

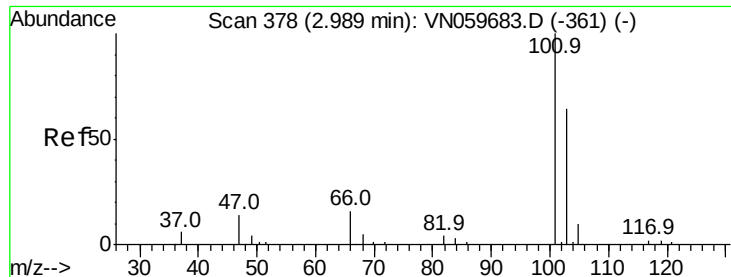
Tgt Ion: 64 Resp: 103753

Ion Ratio Lower Upper

64 100

66 32.6 26.1 39.1



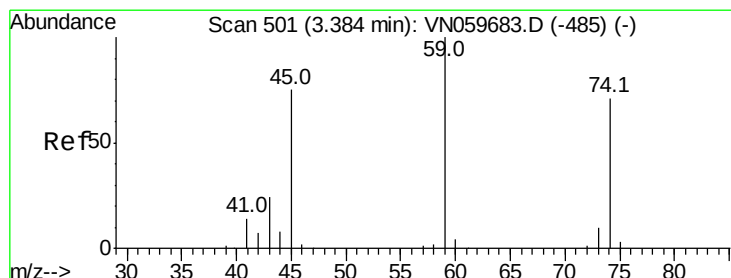
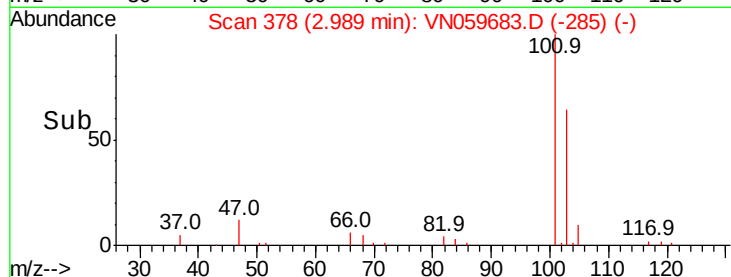
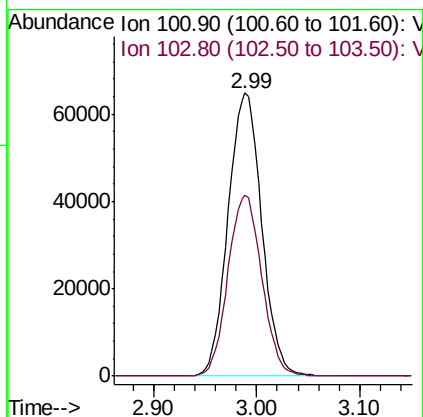
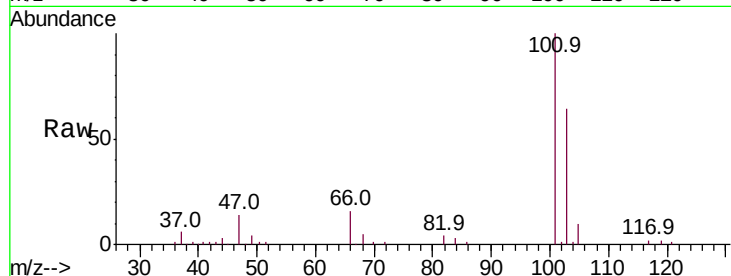


#7

Trichlorofluoromethane
 Concen: 30.780 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Instrument :
 MSVOA_X
 ClientSampleId :

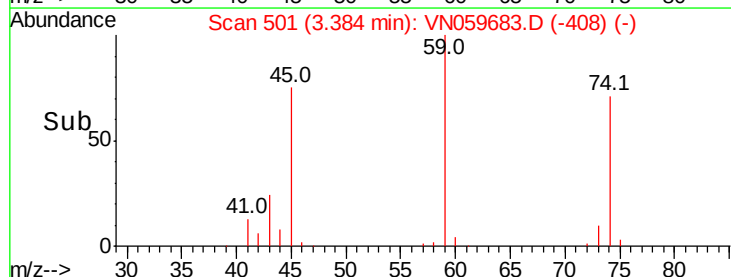
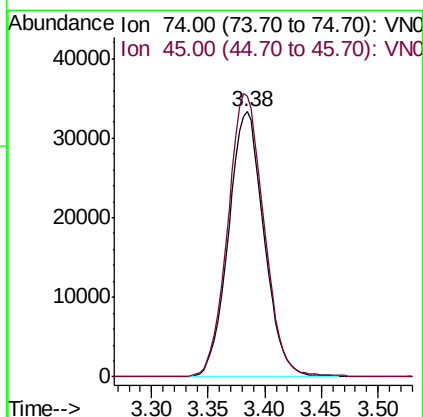
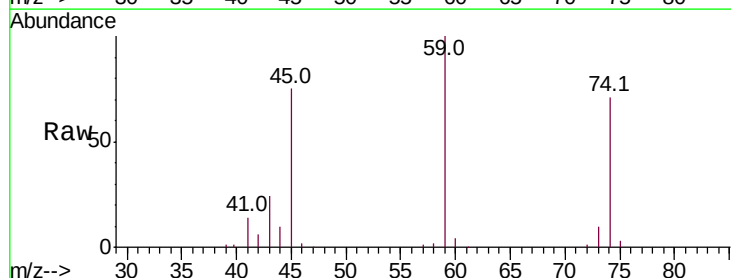
Tot Ion:101 Resp: 147551
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.2 76.8

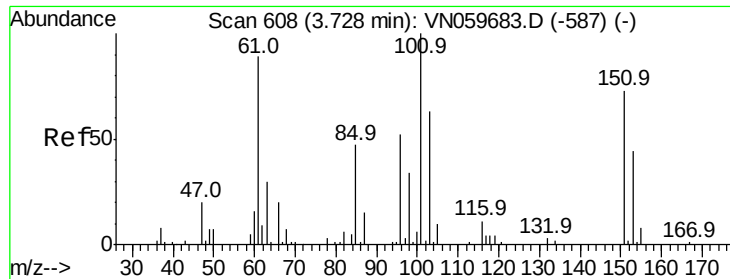


#8

Diethyl Ether
 Concen: 45.723 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Tgt Ion: 74 Resp: 72884
 Ion Ratio Lower Upper
 74 100
 45 108.7 54.4 163.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.805 ug/l

RT: 3.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

ClientSampled :

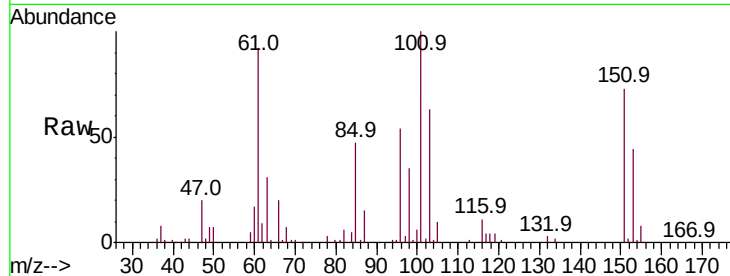
Tot Ion:101 Resp: 103549

Ion Ratio Lower Upper

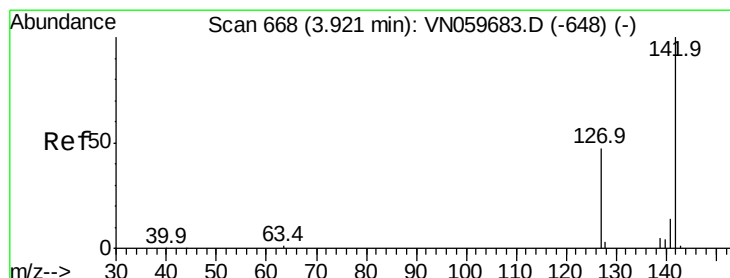
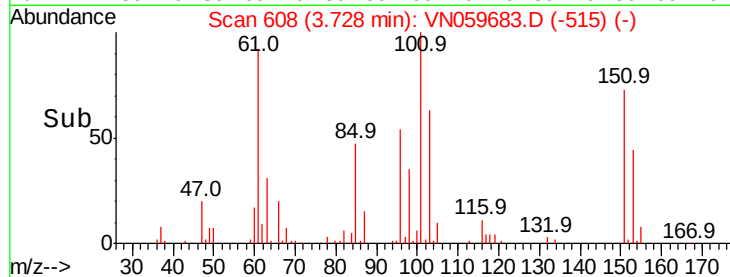
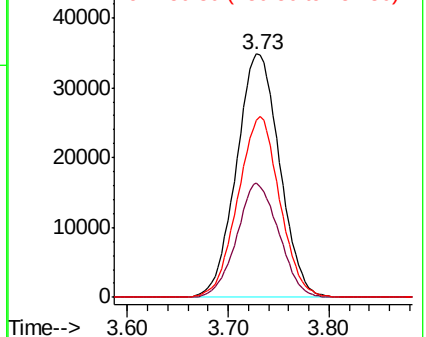
101 100

85 45.6 36.5 54.7

151 72.0 57.6 86.4



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



#10

Methyl Iodide

Concen: 41.269 ug/l

RT: 3.92 min Scan# 668

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

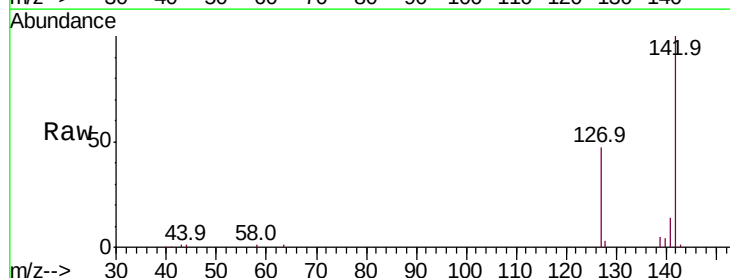
Tgt Ion:142 Resp: 136495

Ion Ratio Lower Upper

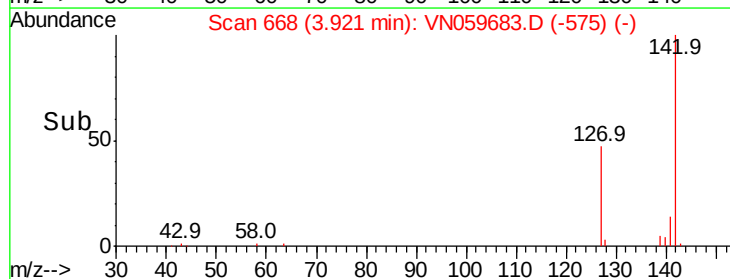
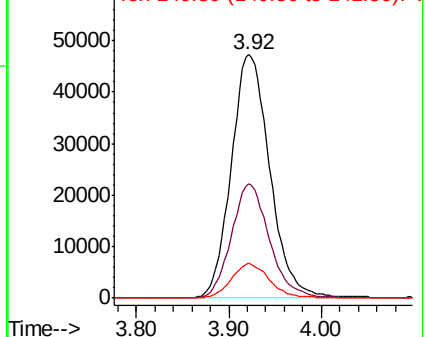
142 100

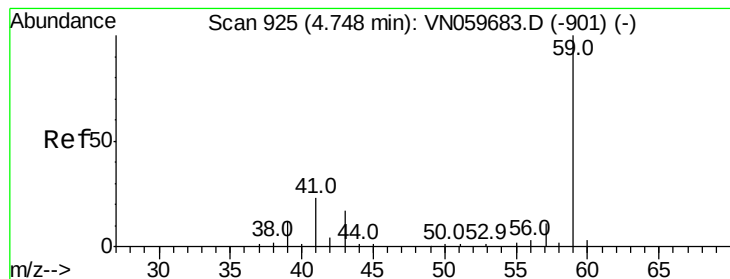
127 46.3 37.0 55.6

141 14.0 11.2 16.8



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



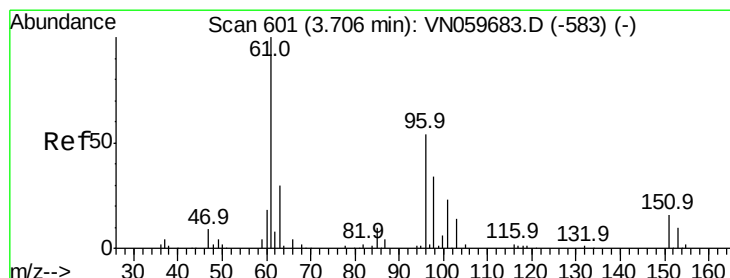
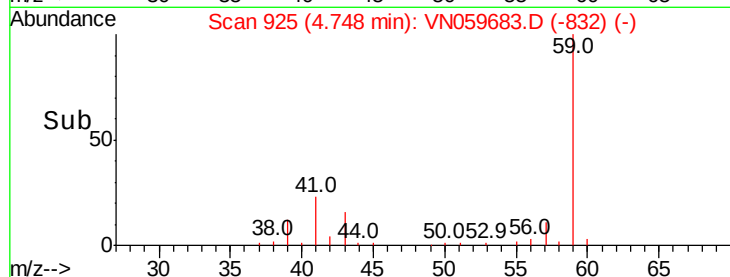
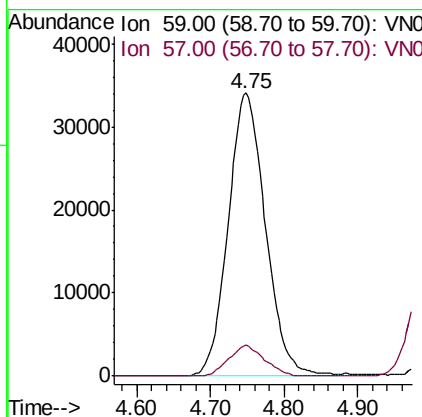
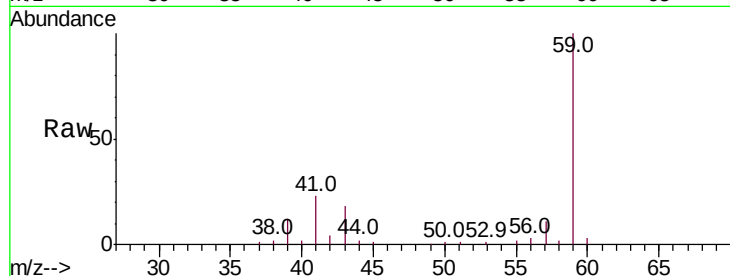


#11

Tert butyl alcohol
 Concen: 192.729 ug/l
 RT: 4.75 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Instrument :
 MSVOA_X
 ClientSampleId :

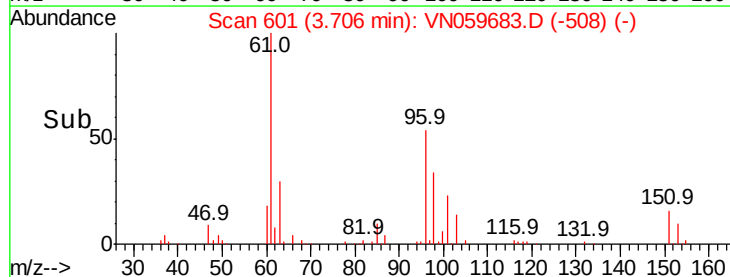
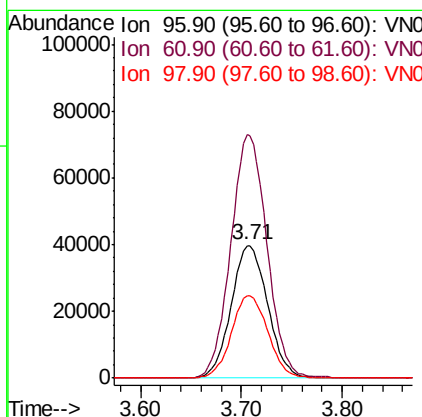
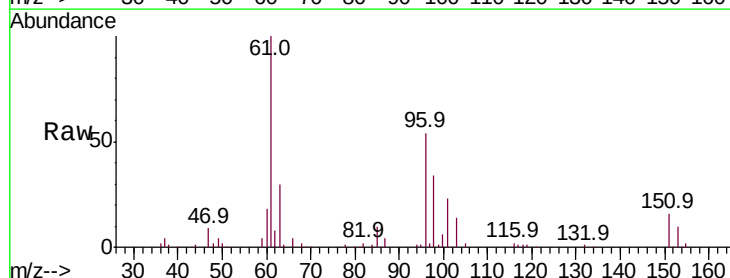
Tot Ion: 59 Resp: 119880
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

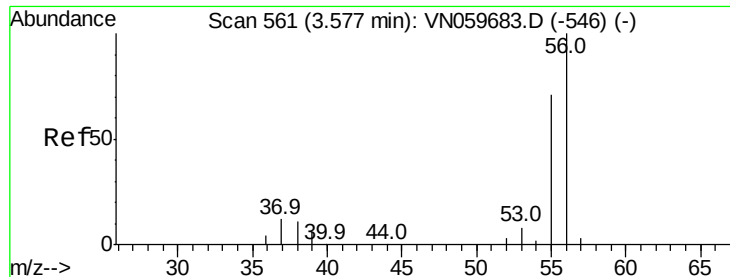


#12

1,1-Dichloroethene
 Concen: 40.506 ug/l
 RT: 3.71 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Tgt Ion: 96 Resp: 100067
 Ion Ratio Lower Upper
 96 100
 61 184.1 147.3 220.9
 98 62.3 49.8 74.8





#13

Acrolein

Concen: 105.750 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

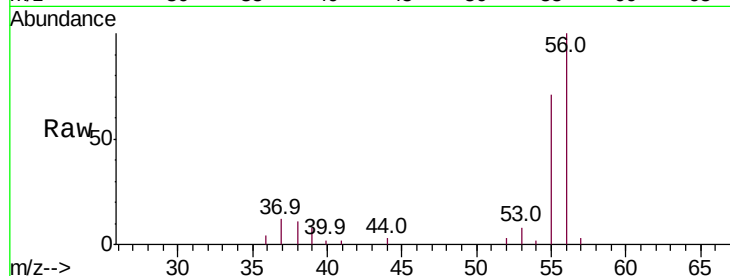
ClientSampleId :

Tot Ion: 56 Resp: 42213

Ion Ratio Lower Upper

56 100

55 73.5 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

20000

15000

10000

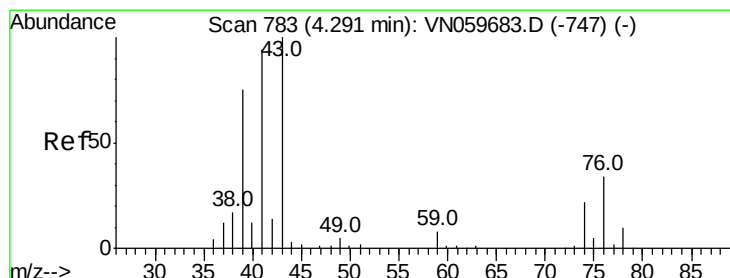
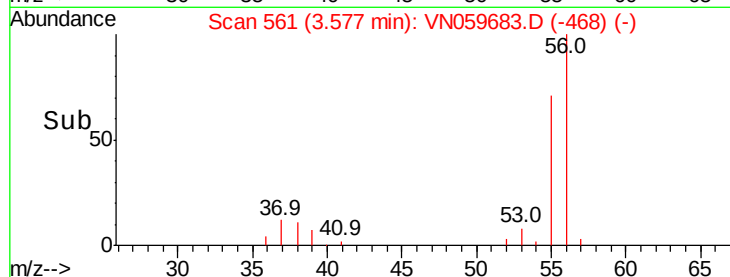
5000

0

Time-->

3.50 3.55 3.60 3.65 3.70

3.58



#14

Allyl chloride

Concen: 40.396 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

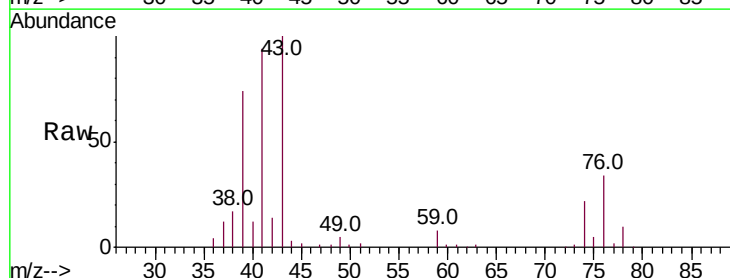
Tgt Ion: 41 Resp: 205752

Ion Ratio Lower Upper

41 100

39 73.6 58.9 88.3

76 32.5 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

80000

60000

40000

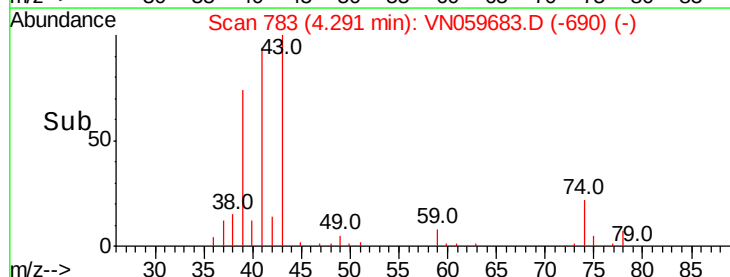
20000

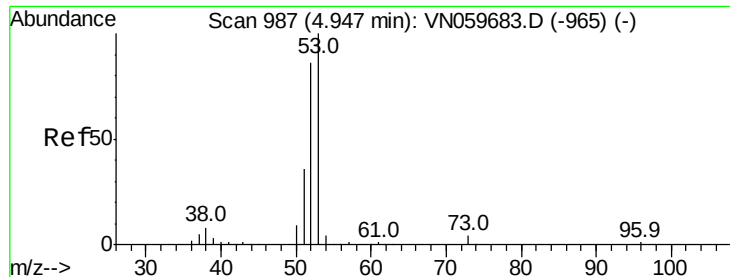
0

Time-->

4.10 4.20 4.30 4.40

4.29





#15

Acrylonitrile

Concen: 211.750 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

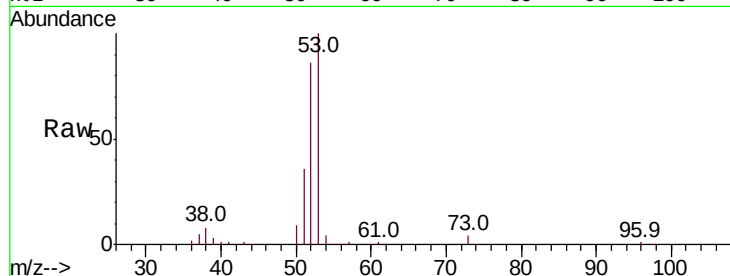
Tot Ion: 53 Resp: 322198

Ion Ratio Lower Upper

53 100

52 83.9 67.1 100.7

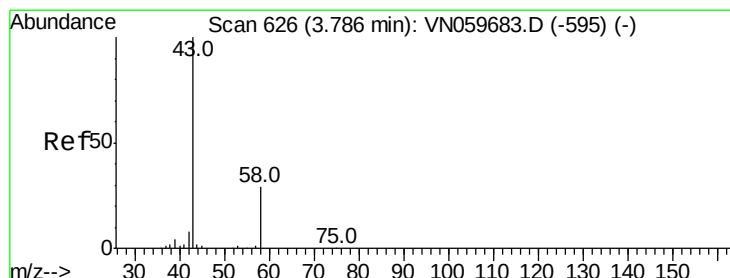
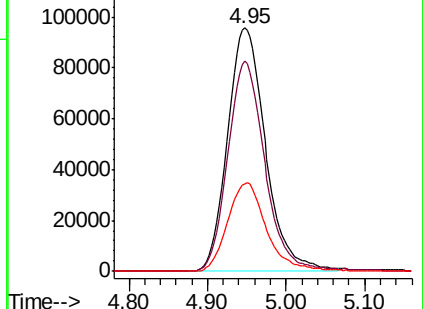
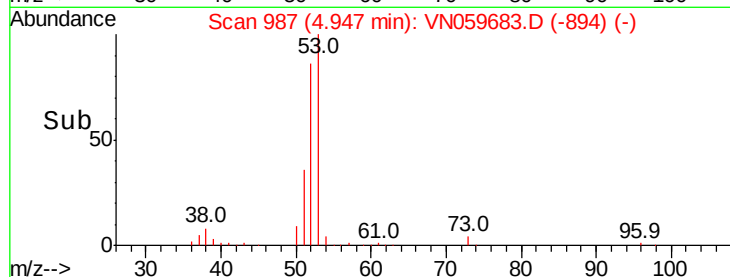
51 37.2 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VN059683.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN059683.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN059683.D (-965) (-)



#16

Acetone

Concen: 175.016 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.00 min

Lab File: VN059683.D

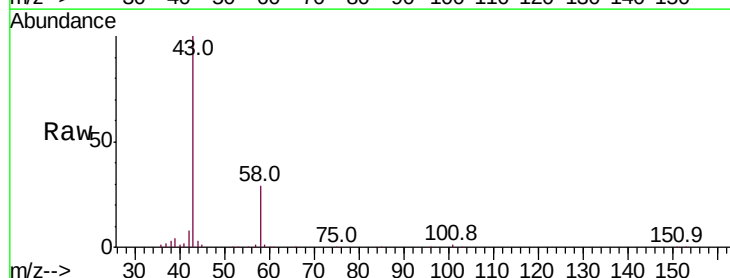
Acq: 20 Dec 2019 15:58

Tgt Ion: 43 Resp: 348105

Ion Ratio Lower Upper

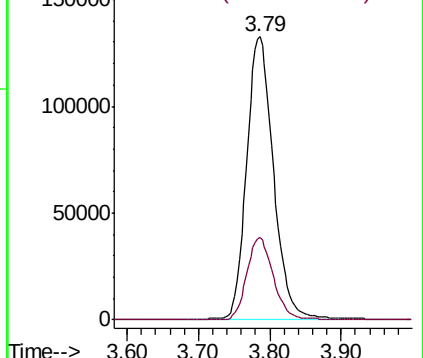
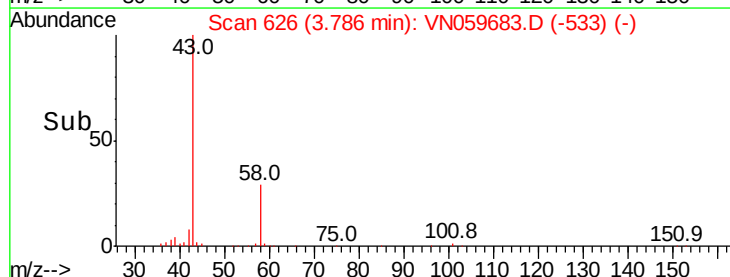
43 100

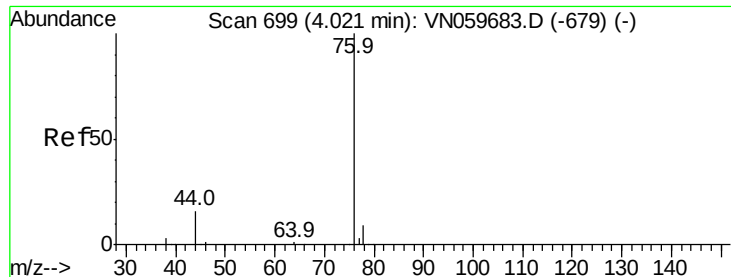
58 29.0 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN059683.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN059683.D (-595) (-)

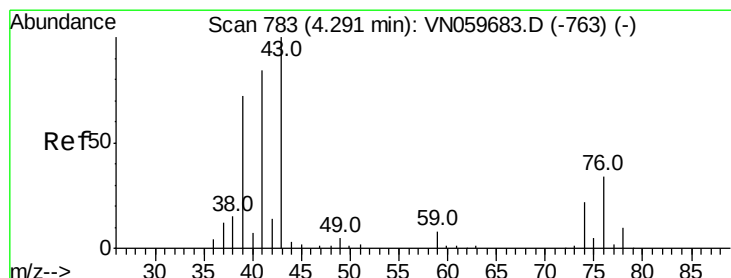
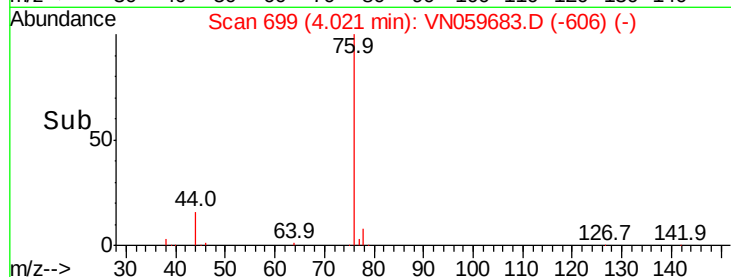
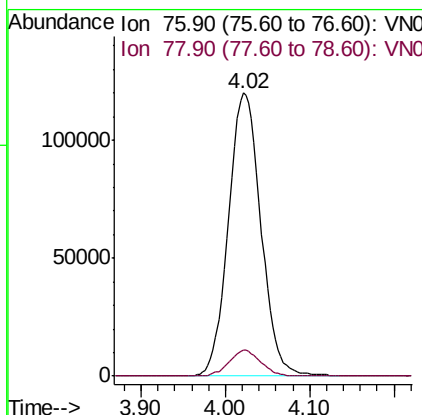
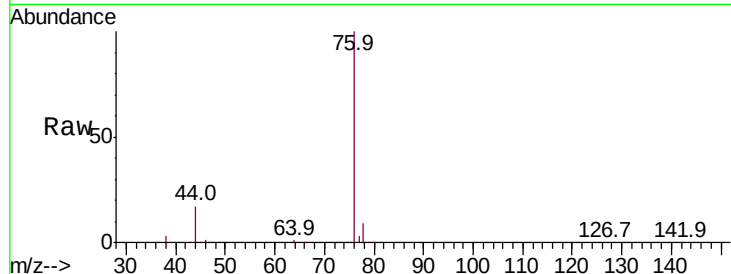




#17
Carbon Disulfide
Concen: 37.733 ug/l
RT: 4.02 min Scan# 699
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

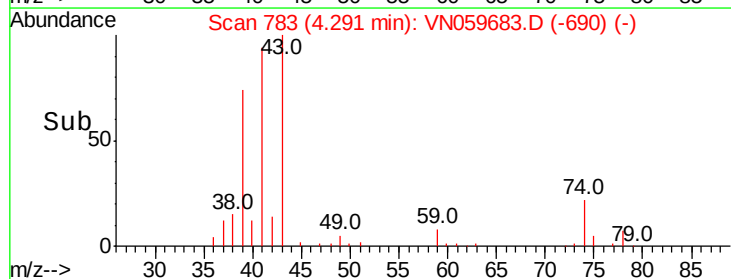
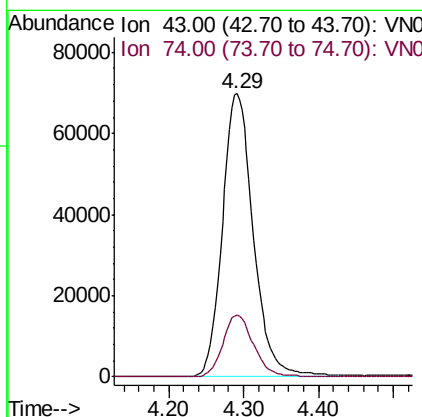
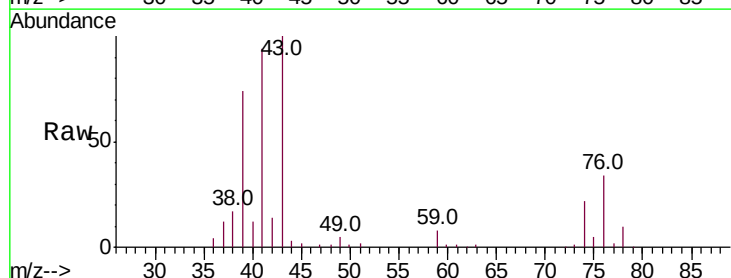
Instrument :
MSVOA_X
ClientSampled :

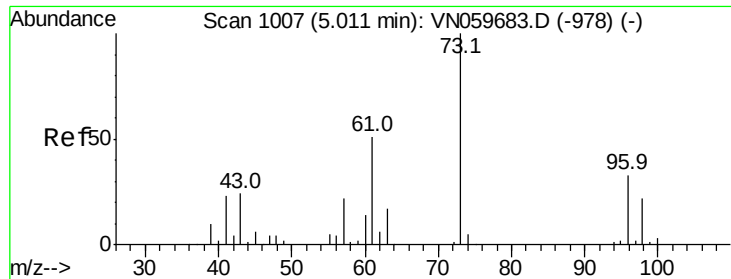
Tot Ion: 76 Resp: 321975
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 45.288 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion: 43 Resp: 197603
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3

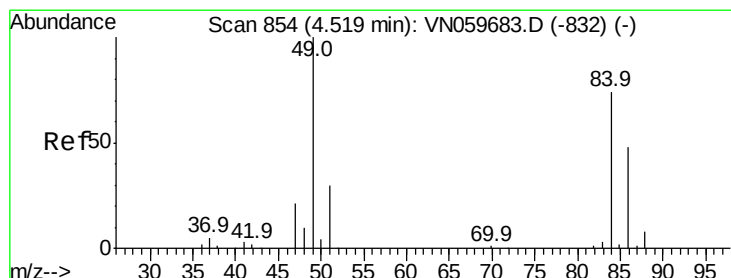
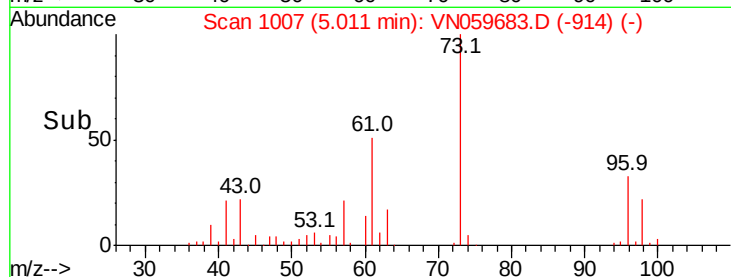
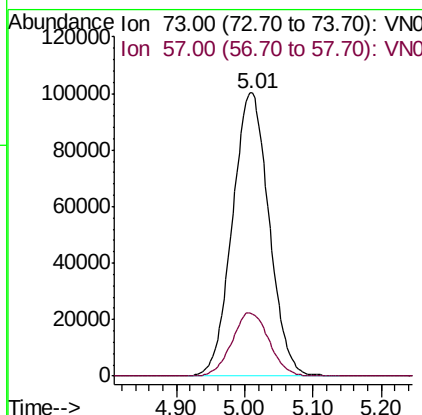
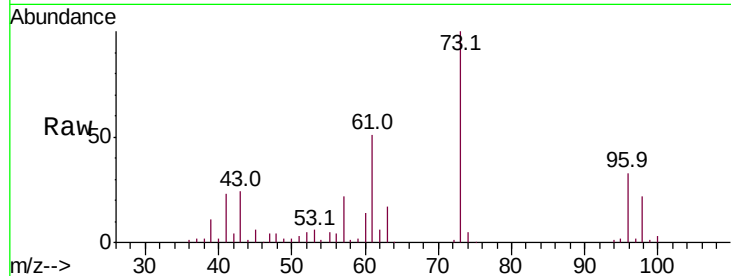




#19
Methyl tert-butyl Ether
Concen: 42.697 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

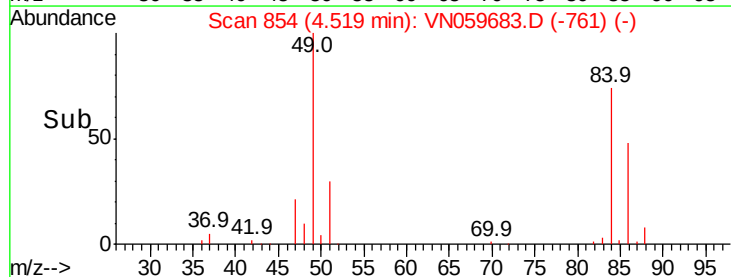
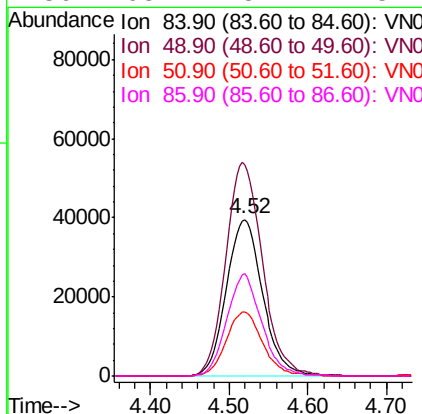
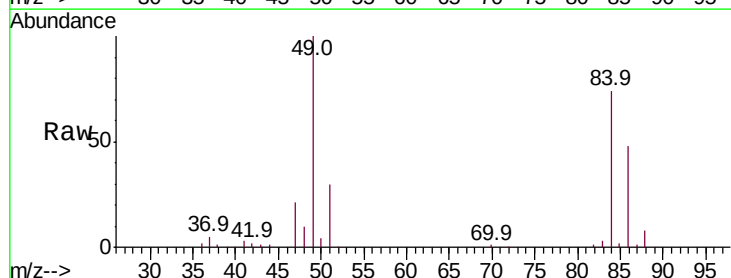
Instrument :
MSVOA_X
ClientSampled :

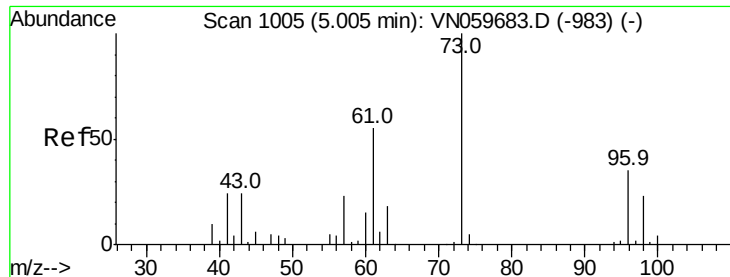
Tot Ion: 73 Resp: 373935
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4



#20
Methylene Chloride
Concen: 42.673 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion: 84 Resp: 126801
Ion Ratio Lower Upper
84 100
49 135.0 108.0 162.0
51 40.8 32.6 49.0
86 65.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 40.502 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :
MSVOA_X
ClientSampleId :

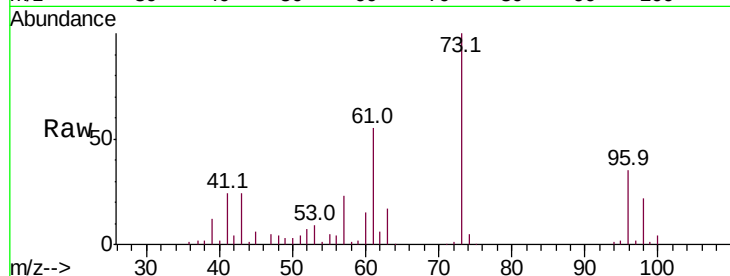
Tot Ion: 96 Resp: 111673

Ion Ratio Lower Upper

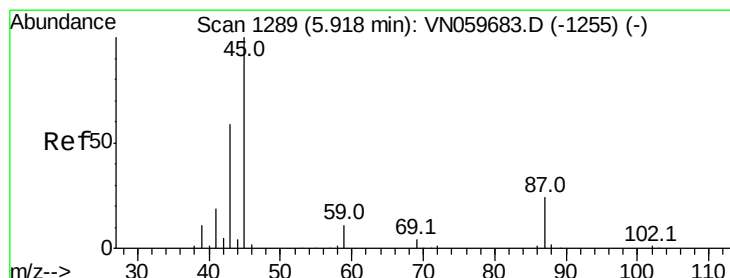
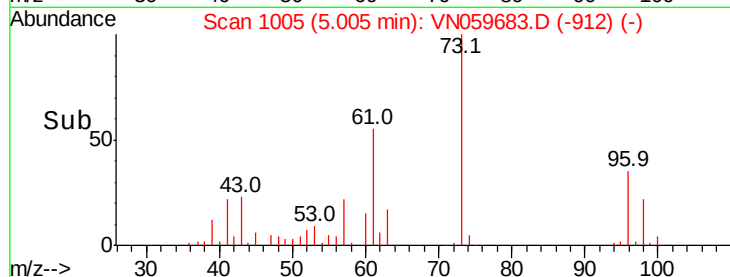
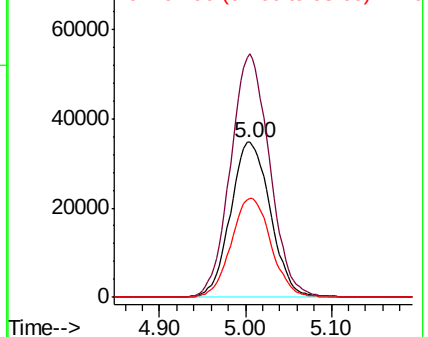
96 100

61 157.0 125.6 188.4

98 63.9 51.1 76.7



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



#22

Diisopropyl ether

Concen: 43.280 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Tgt Ion: 45 Resp: 406295

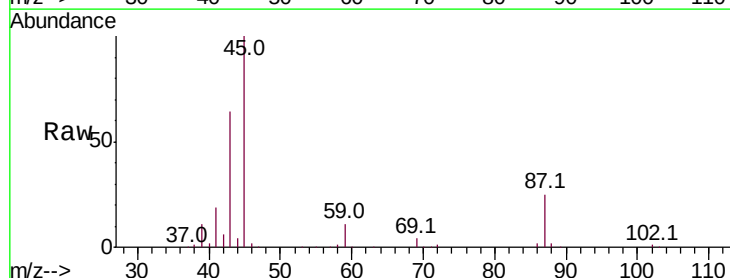
Ion Ratio Lower Upper

45 100

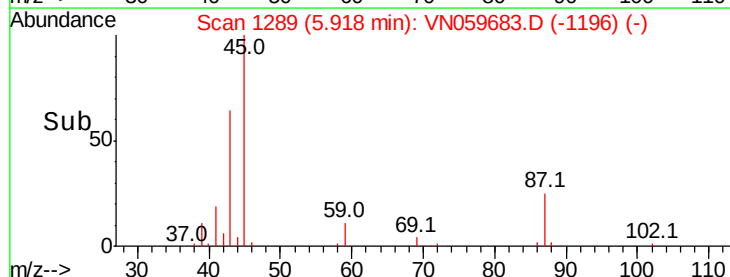
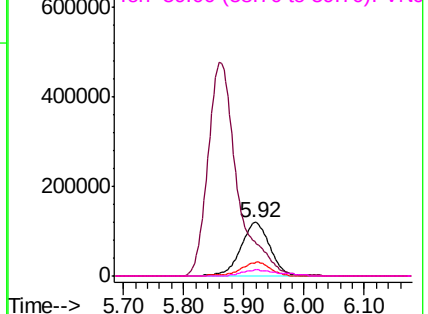
43 63.0 50.4 75.6

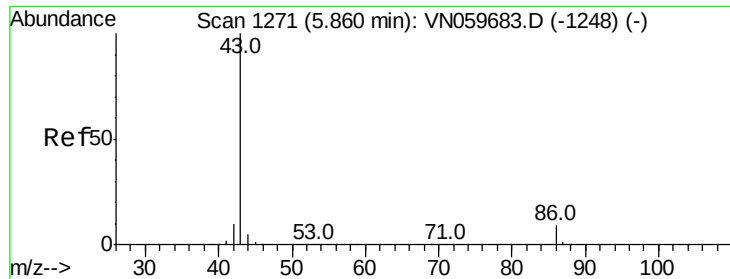
87 25.1 20.1 30.1

59 11.1 8.9 13.3



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

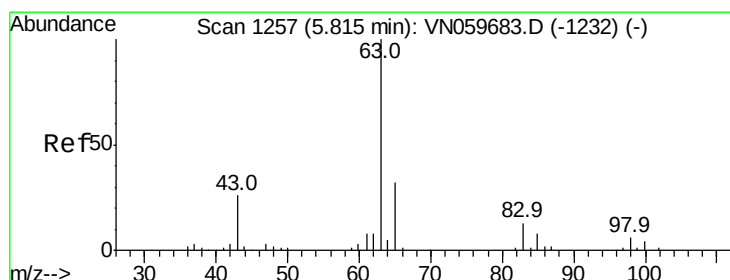
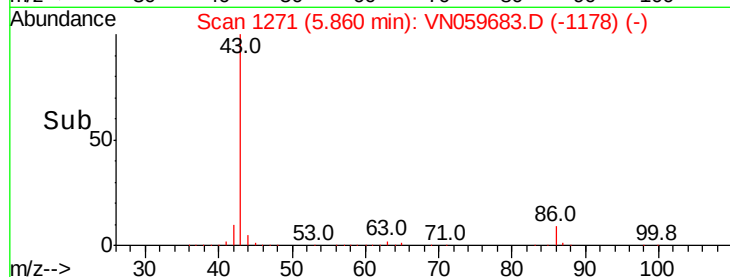
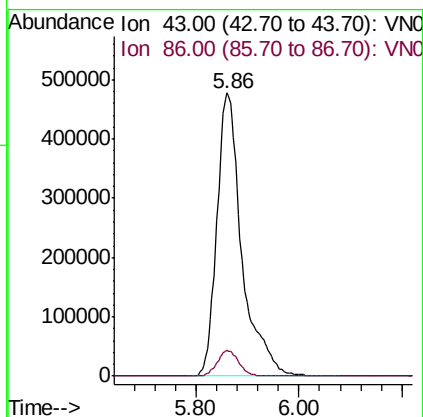
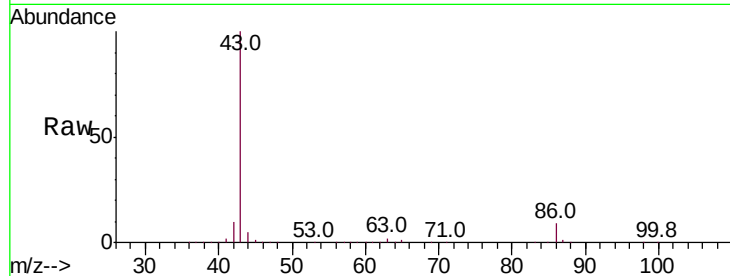




#23
 Vinyl Acetate
 Concen: 219.980 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

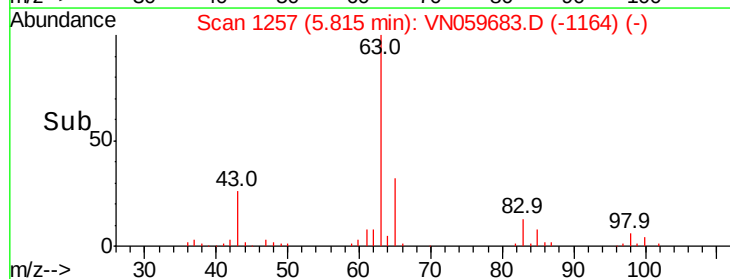
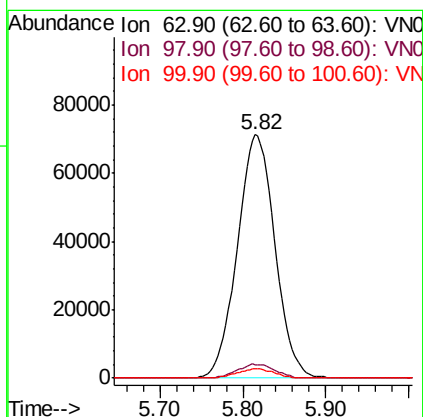
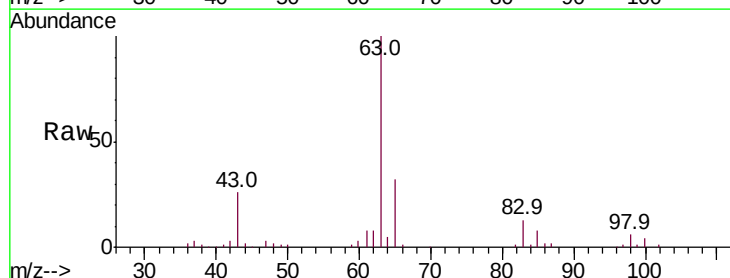
Instrument :
 MSVOA_X
 ClientSampled :

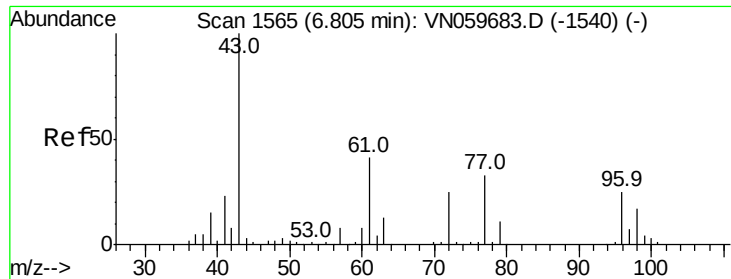
Tot Ion: 43 Resp: 1606951
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 42.286 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Tgt Ion: 63 Resp: 224602
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.6
 100 4.0 2.0 6.0

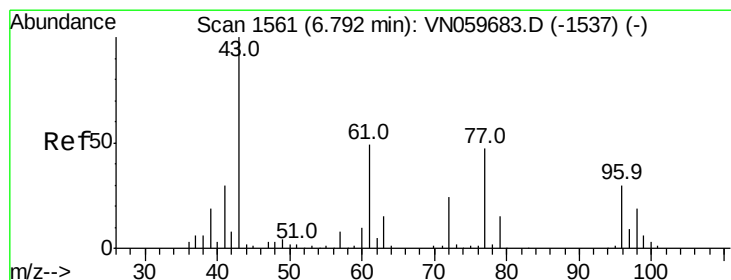
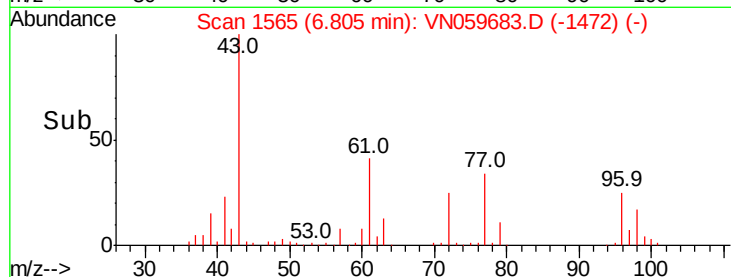
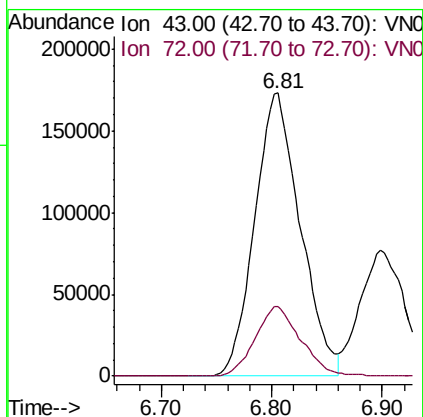
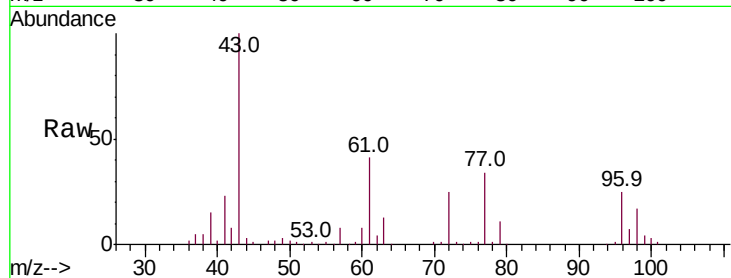




#25
2-Butanone
Concen: 203.897 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

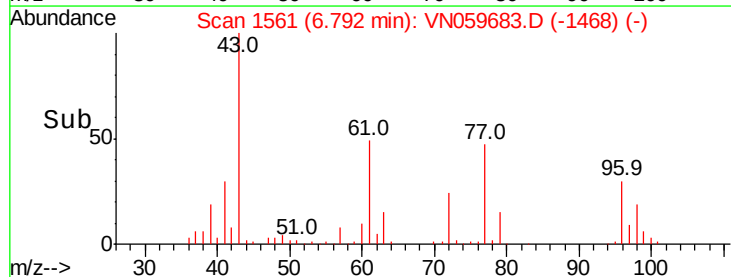
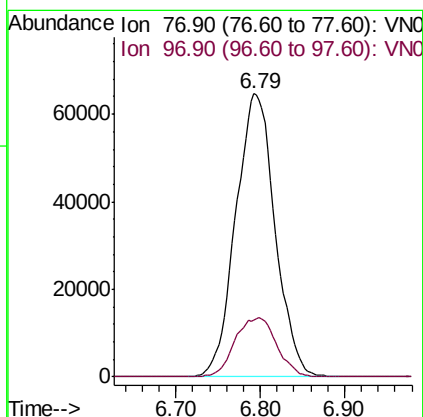
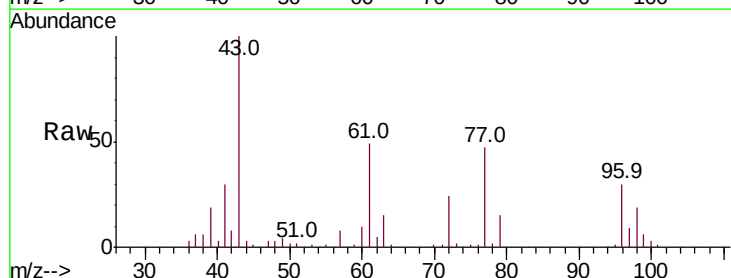
Instrument :
MSVOA_X
ClientSampleId :

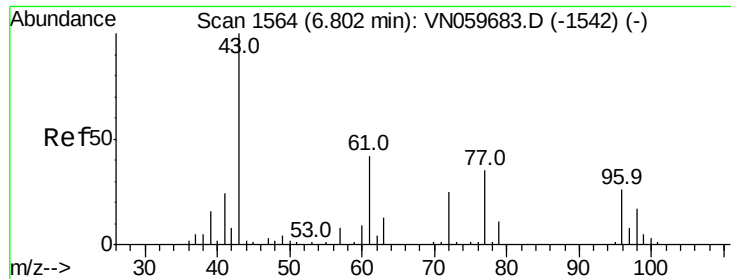
Tot Ion: 43 Resp: 494161
Ion Ratio Lower Upper
43 100
72 24.8 19.8 29.8



#26
2,2-Dichloropropane
Concen: 43.187 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion: 77 Resp: 209134
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.1

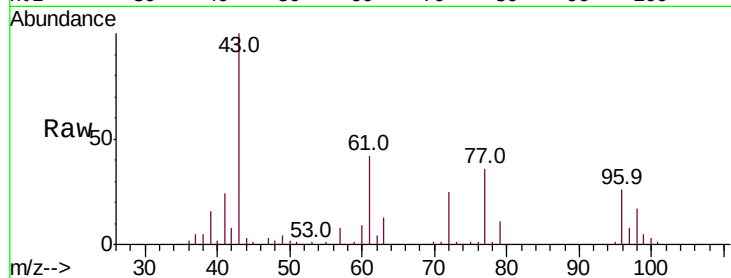




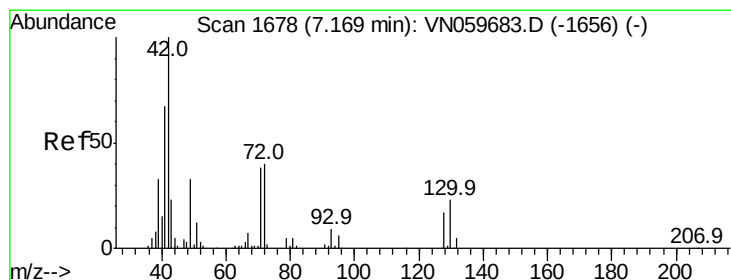
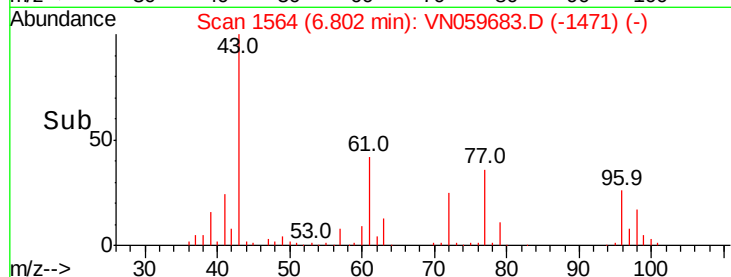
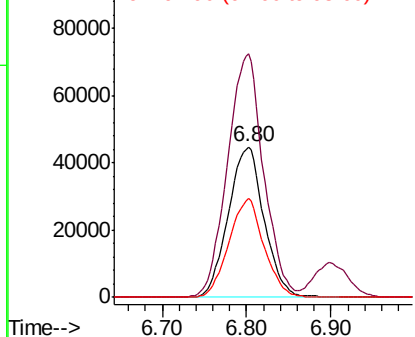
#27
 cis-1,2-Dichloroethene
 Concen: 43.036 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 96 Resp: 131829
 Ion Ratio Lower Upper
 96 100
 61 163.2 0.0 326.4
 98 64.1 0.0 128.2

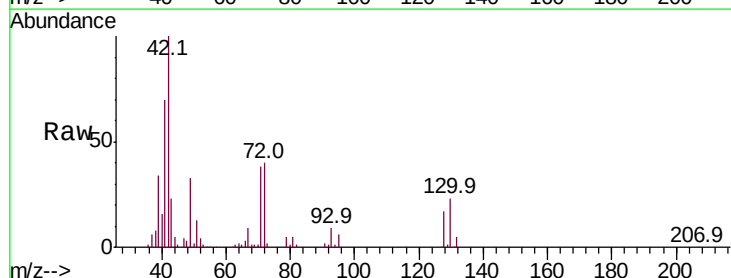


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

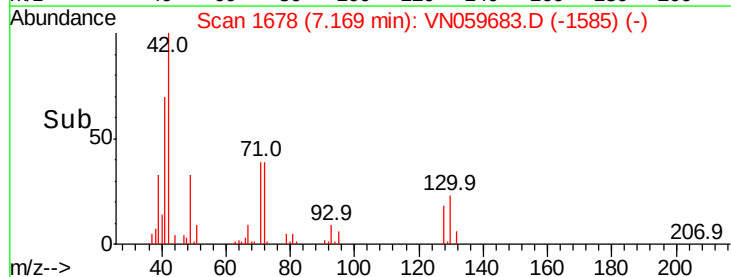
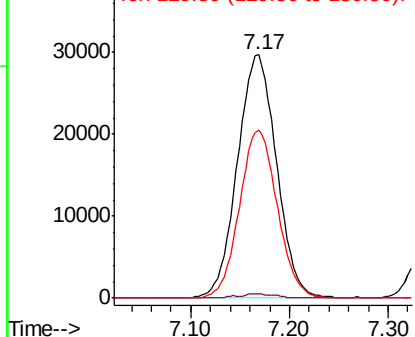


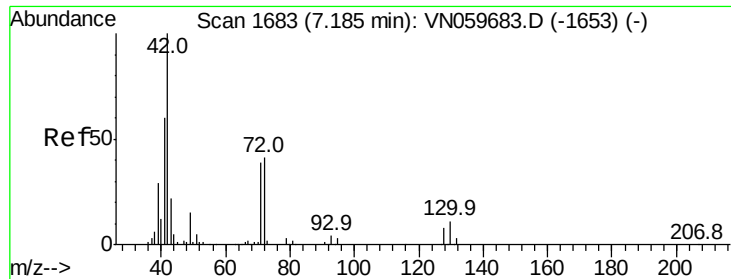
#28
 Bromochloromethane
 Concen: 46.205 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Tgt Ion: 49 Resp: 81692
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 2.6
 130 66.6 53.3 79.9



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

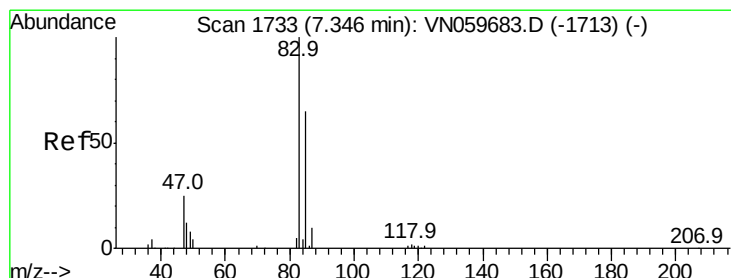
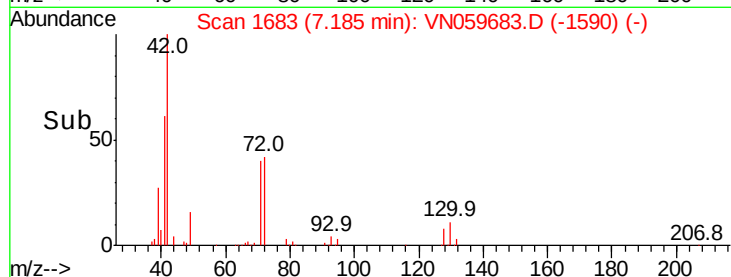
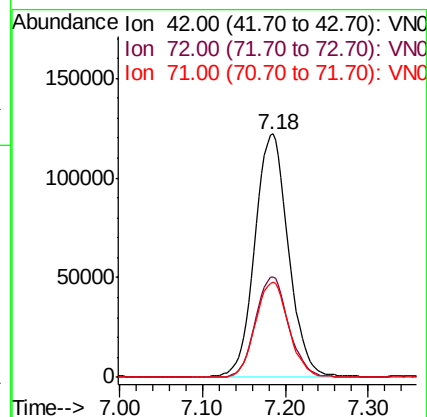
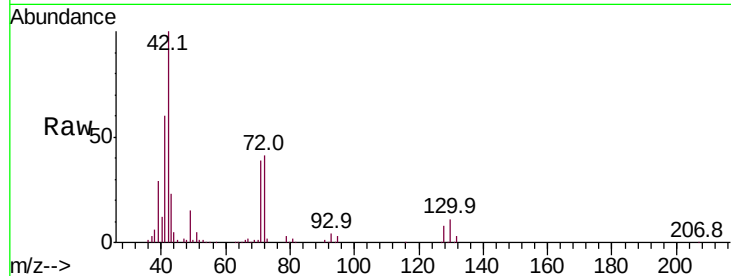




#29
Tetrahydrofuran
Concen: 227.590 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

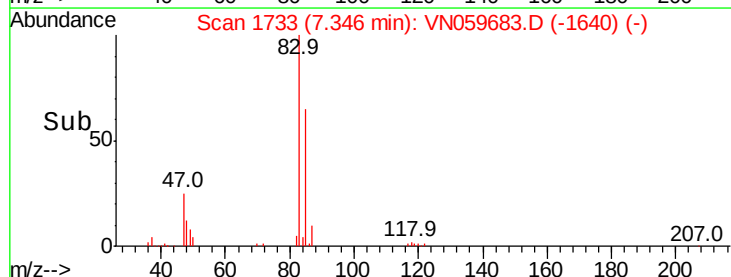
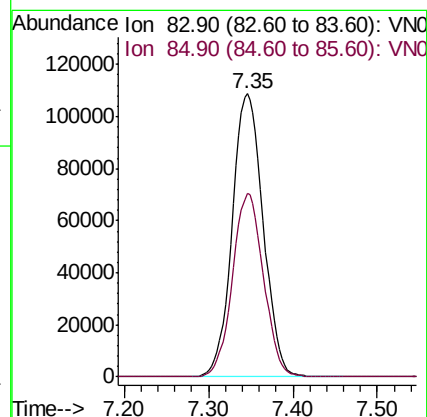
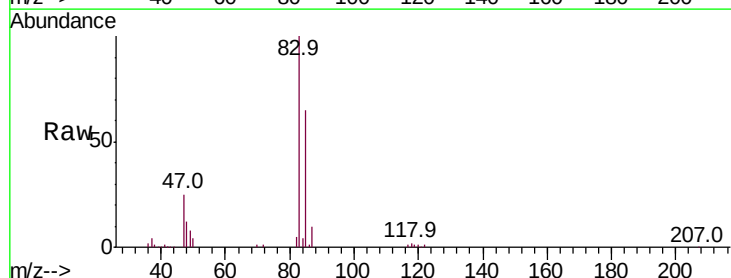
Instrument :
MSVOA_X
ClientSampleId :

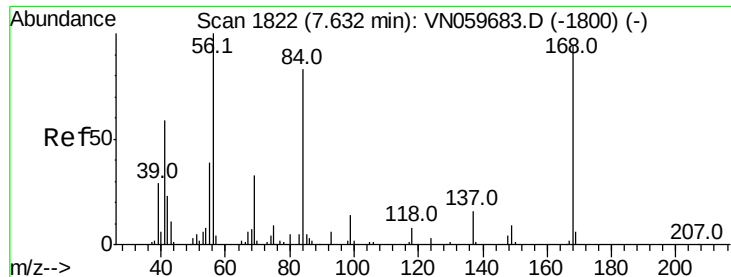
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.6	49.0
71	39.0	31.2	46.8



#30
Chloroform
Concen: 51.318 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8

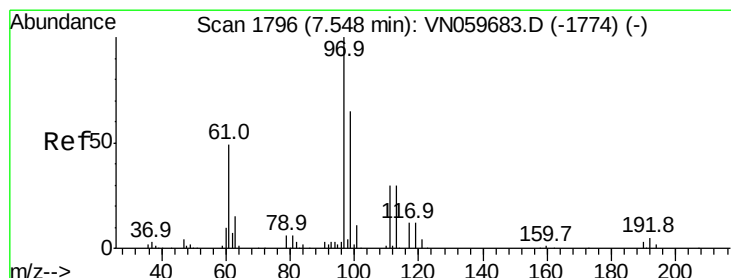
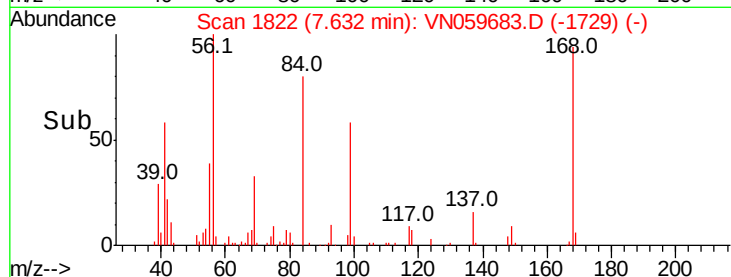
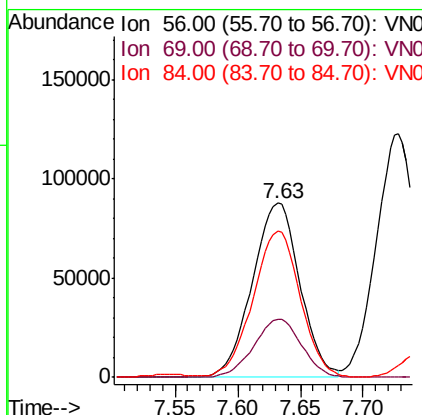
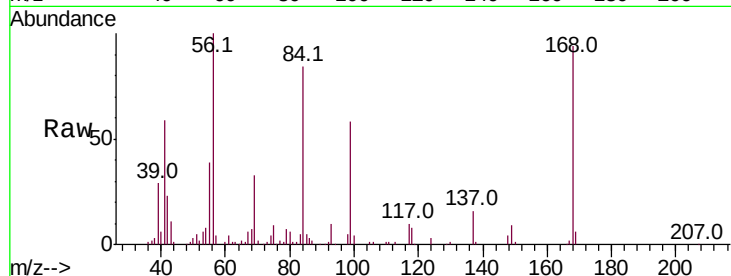




#31
Cyclohexane
Concen: 45.350 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

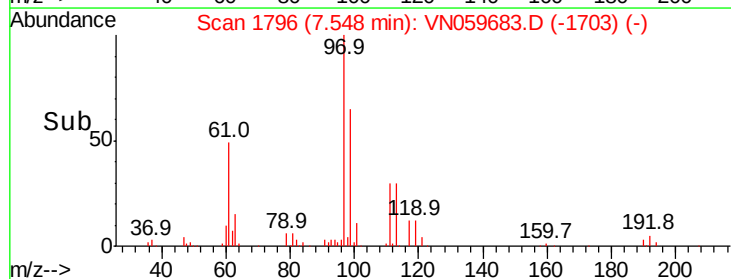
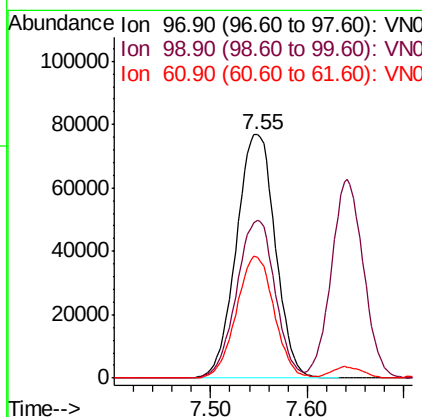
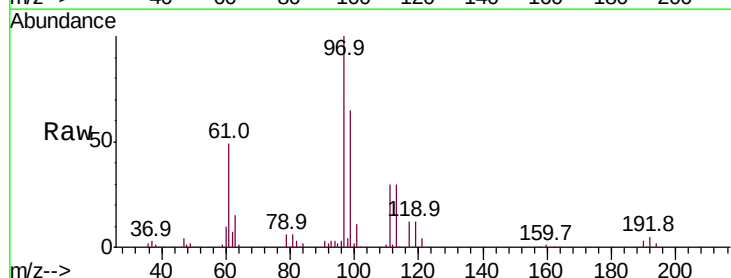
Instrument :
MSVOA_X
ClientSampleId :

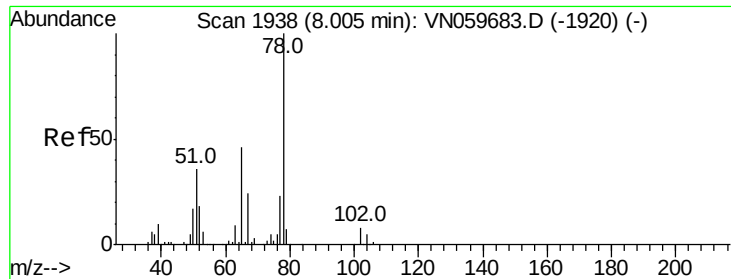
Tot Ion: 56 Resp: 231979
Ion Ratio Lower Upper
56 100
69 33.0 26.4 39.6
84 82.7 66.2 99.2



#32
1,1,1-Trichloroethane
Concen: 45.055 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion: 97 Resp: 215034
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 48.6 38.9 58.3

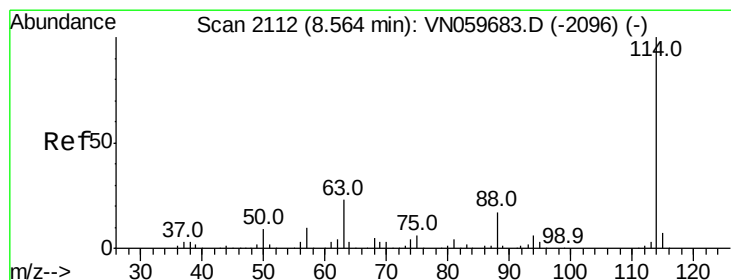
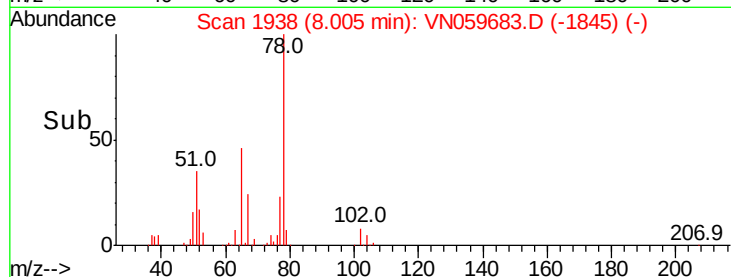
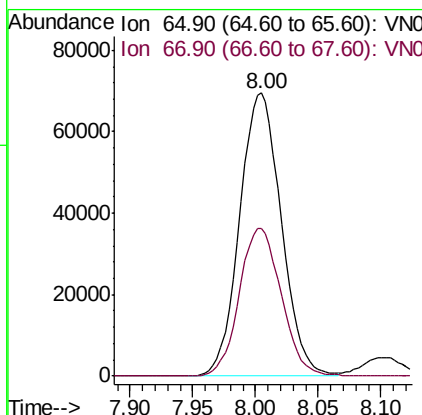
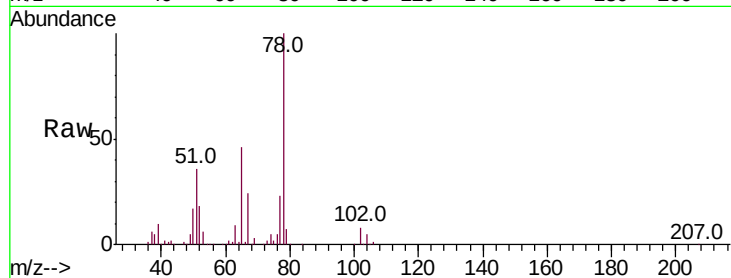




#33
 1,2-Dichloroethane-d4
 Concen: 46.257 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

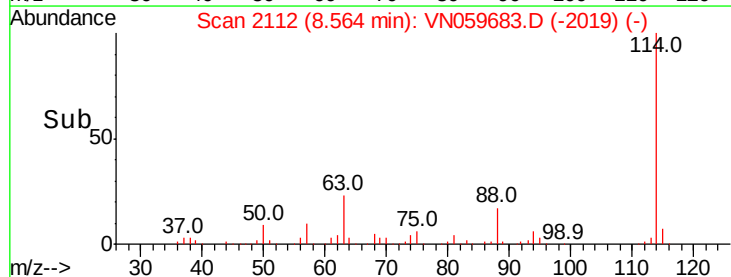
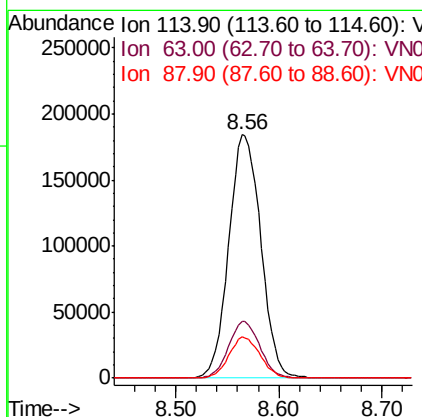
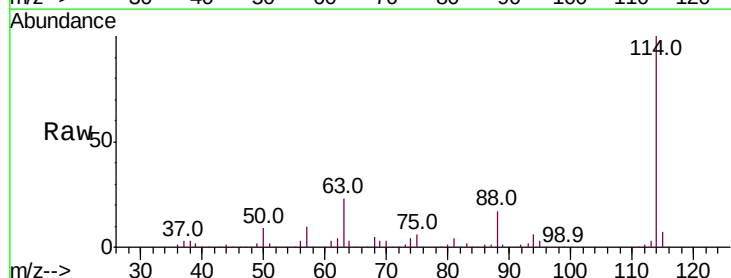
Instrument :
 MSVOA_X
 ClientSampleId :

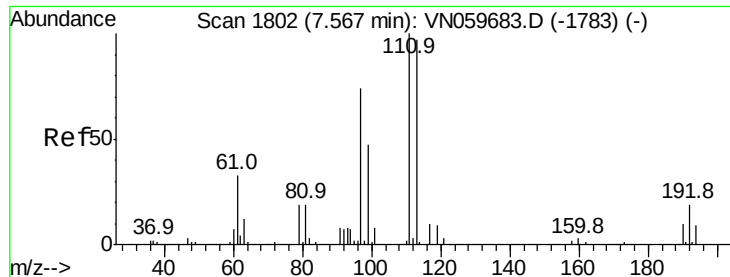
Tot Ion: 65 Resp: 160624
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Tgt Ion: 114 Resp: 398599
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.2
 88 16.8 0.0 33.6

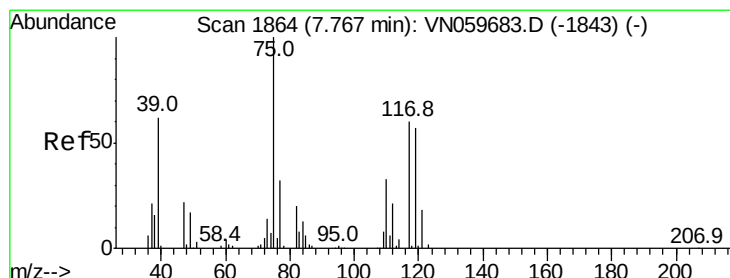
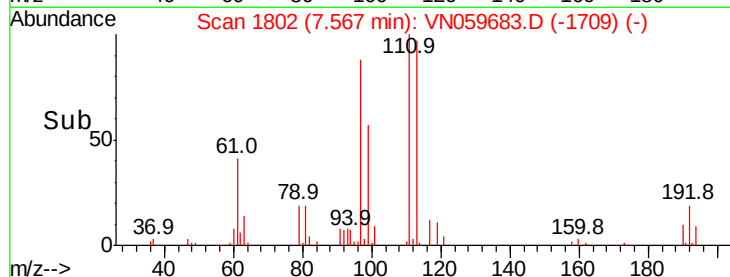
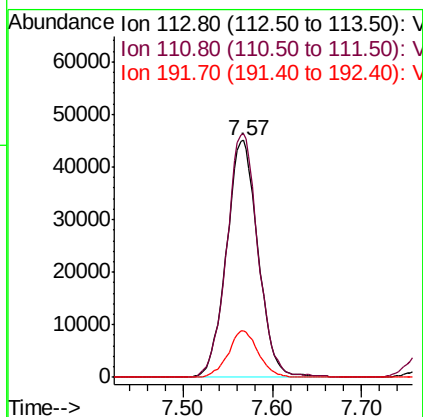
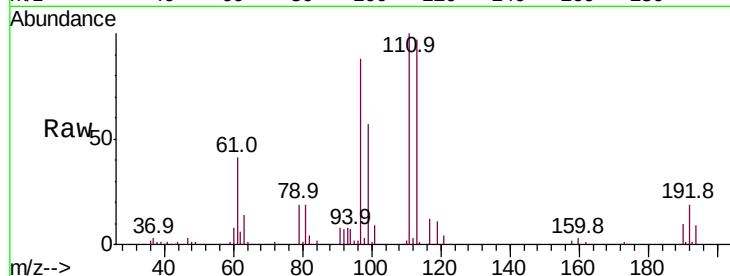




#35
 Dibromofluoromethane
 Concen: 45.125 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

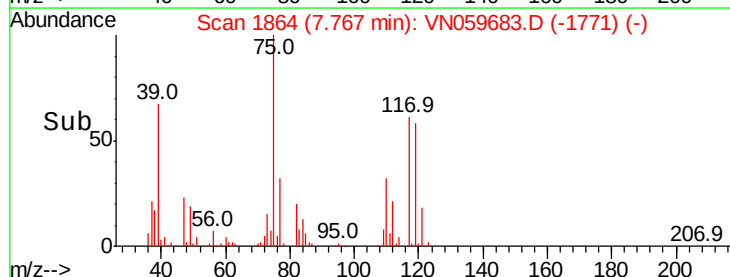
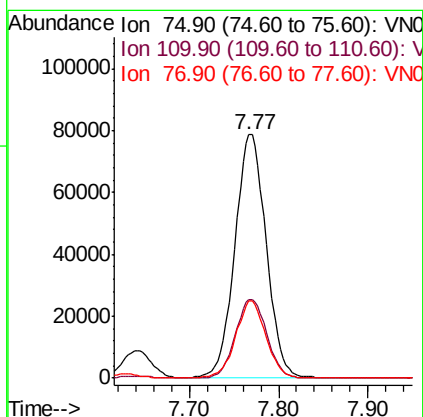
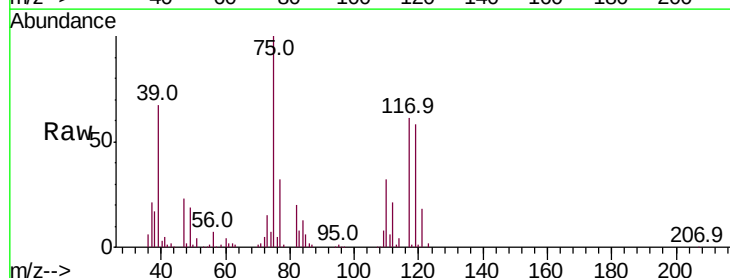
Instrument :
 MSVOA_X
 ClientSampleId :

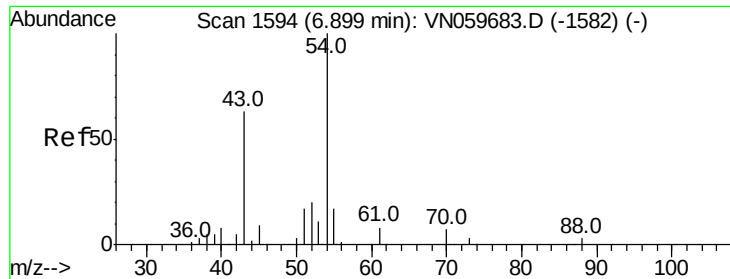
Tot Ion:113 Resp: 110528
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 18.6 14.9 22.3



#36
 1,1-Dichloropropene
 Concen: 46.512 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Tgt Ion: 75 Resp: 191788
 Ion Ratio Lower Upper
 75 100
 110 32.3 16.2 48.5
 77 30.8 24.6 37.0

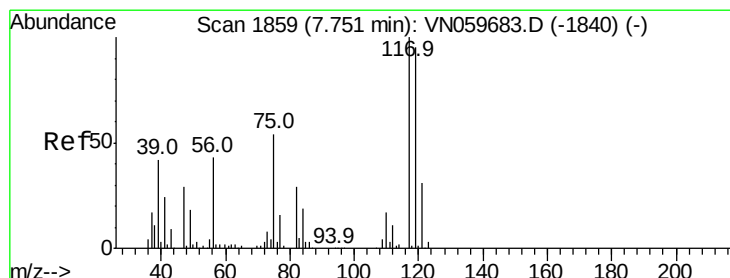
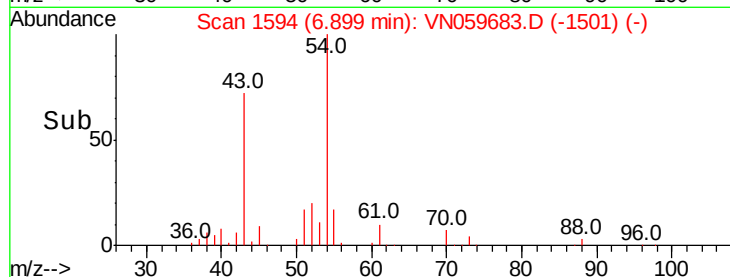
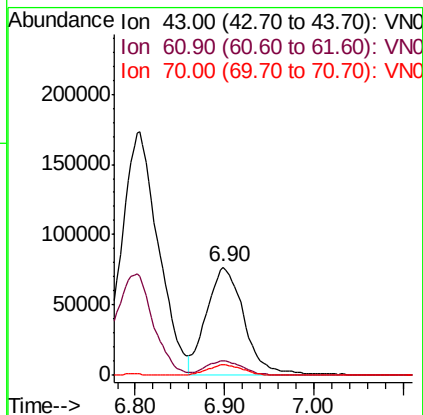
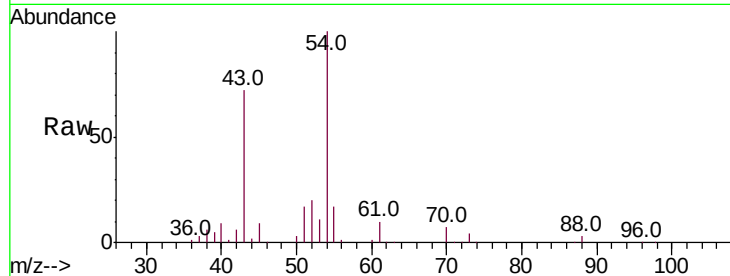




#37
Ethyl Acetate
Concen: 45.900 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

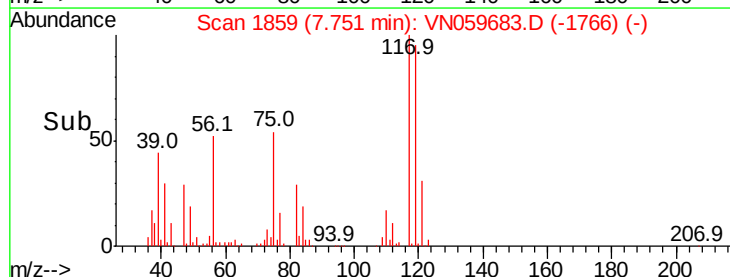
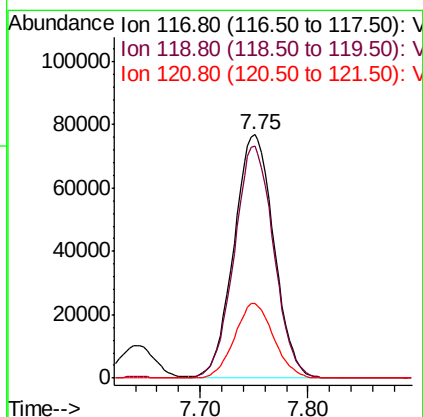
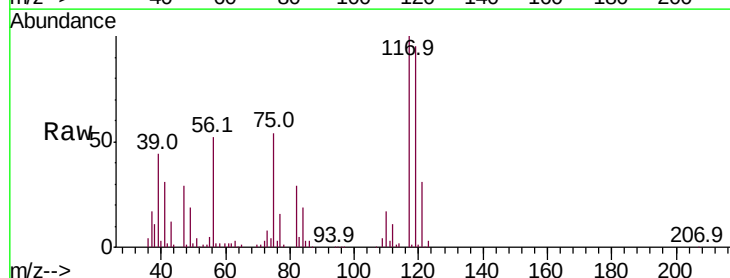
Instrument :
MSVOA_X
ClientSampled :

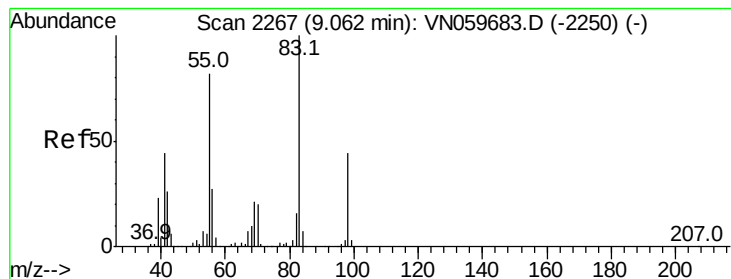
Tot Ion: 43 Resp: 220452
Ion Ratio Lower Upper
43 100
61 12.8 10.2 15.4
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 46.225 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion: 117 Resp: 198178
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 30.6 24.5 36.7

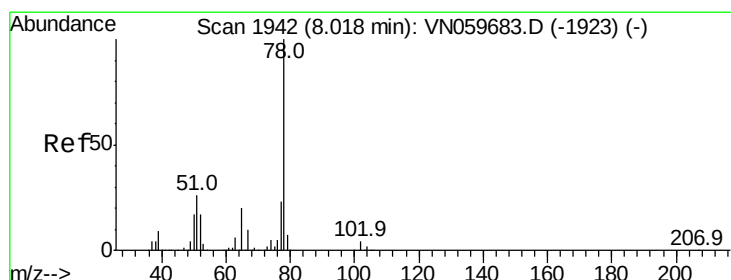
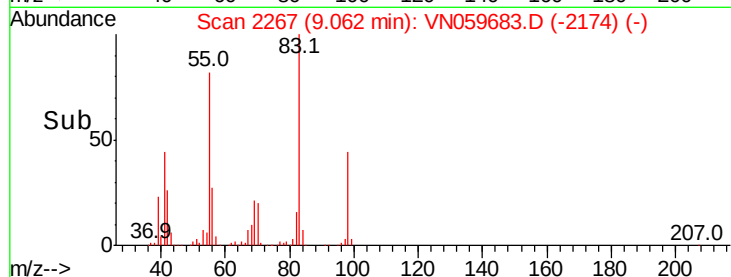
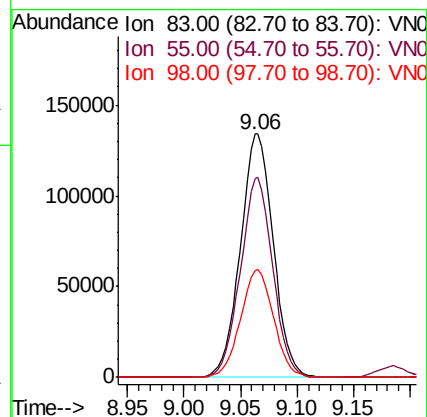
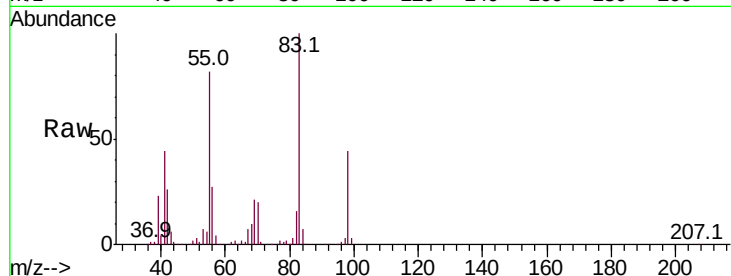




#39
Methylvlcyclohexane
Concen: 56.108 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

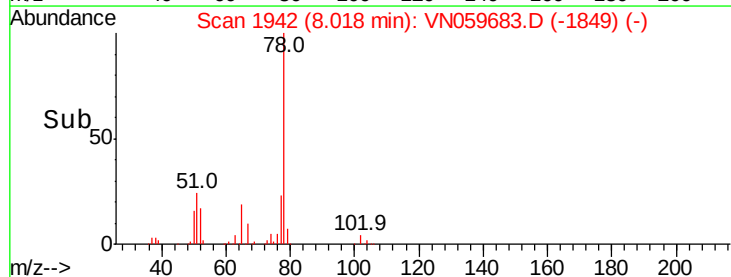
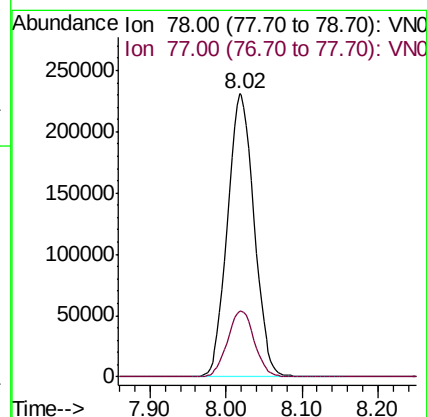
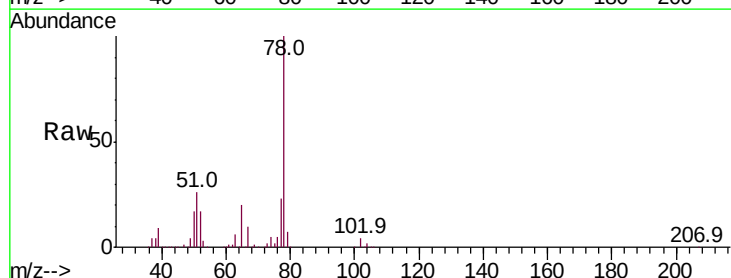
Instrument :
MSVOA_X
ClientSampleId :

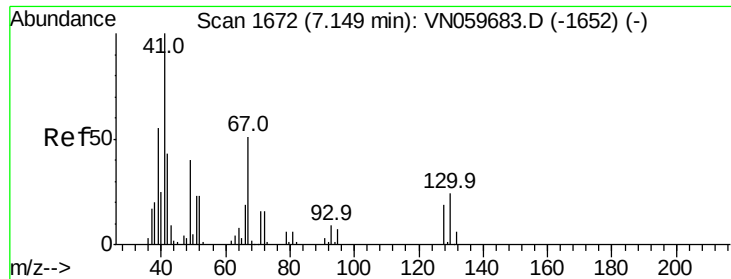
Tot Ion: 83 Resp: 271511
Ion Ratio Lower Upper
83 100
55 81.9 65.5 98.3
98 43.7 35.0 52.4



#40
Benzene
Concen: 46.860 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion: 78 Resp: 565038
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

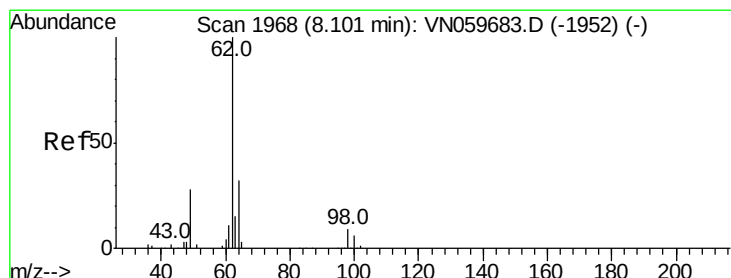
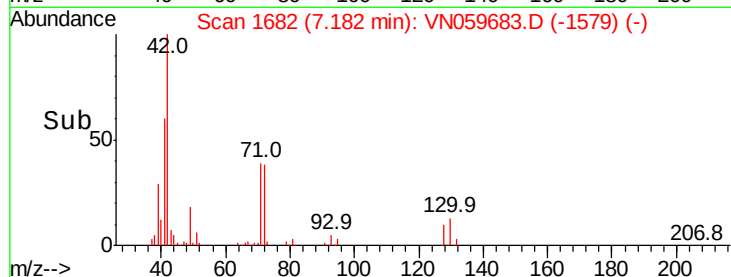
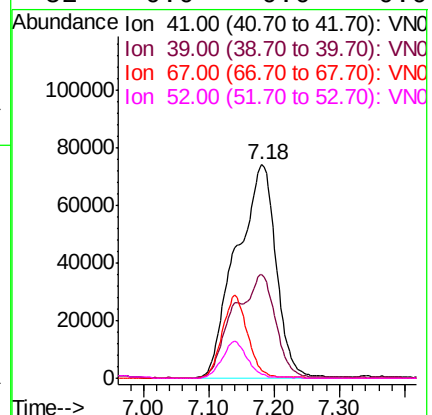
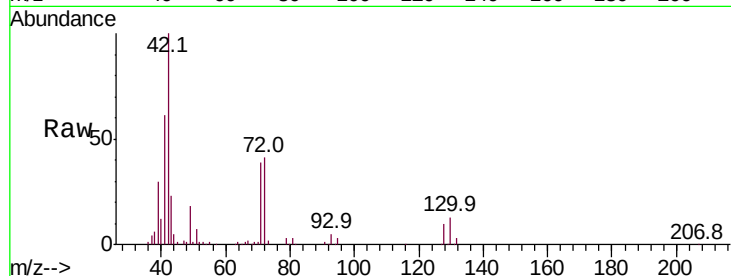




#41
Methacrylonitrile
Concen: 160.501 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

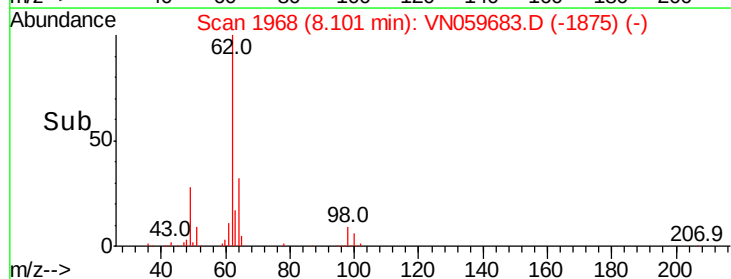
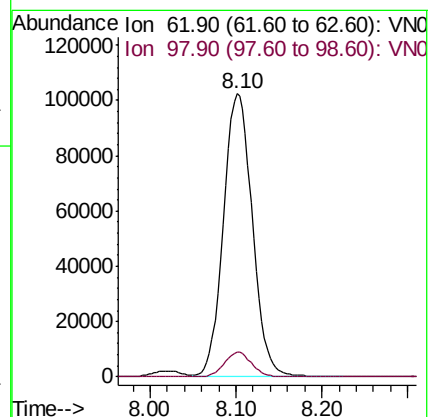
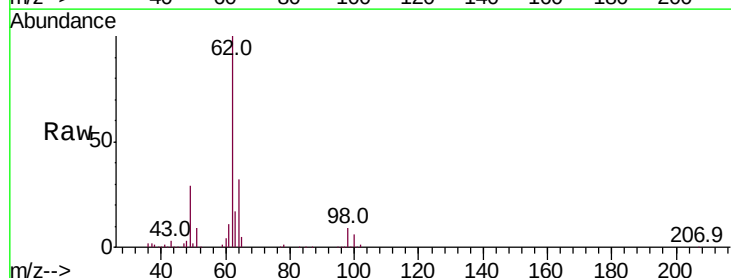
Instrument :
MSVOA_X
ClientSampled :

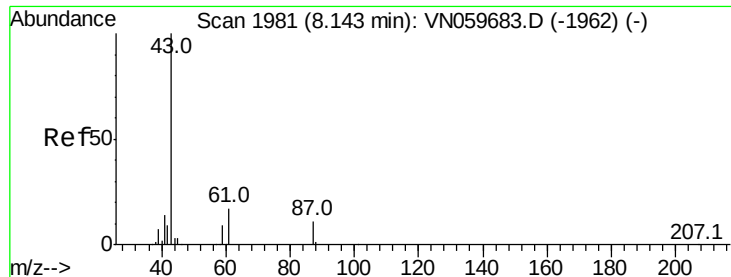
Tot Ion:	41	Resp:	314600
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.182 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion:	62	Resp:	240029
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 51.847 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

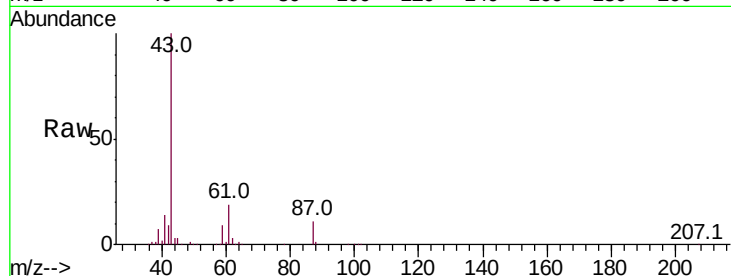
Tot Ion: 43 Resp: 393349

Ion Ratio Lower Upper

43 100

61 25.7 20.6 30.8

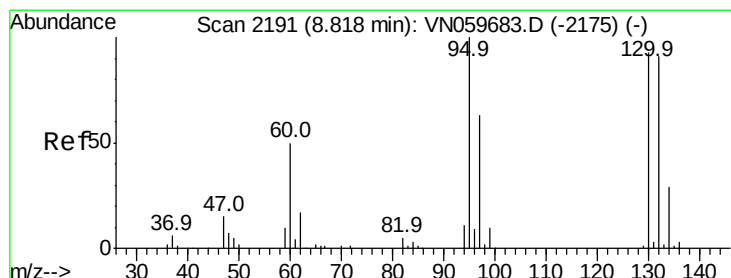
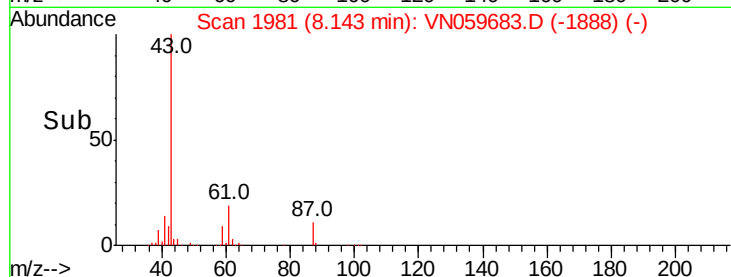
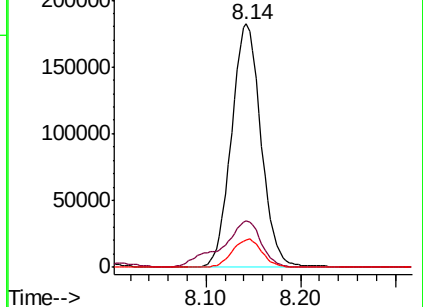
87 11.8 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN059683.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059683.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059683.D (-1962) (-)



#44

Trichloroethene

Concen: 43.922 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059683.D

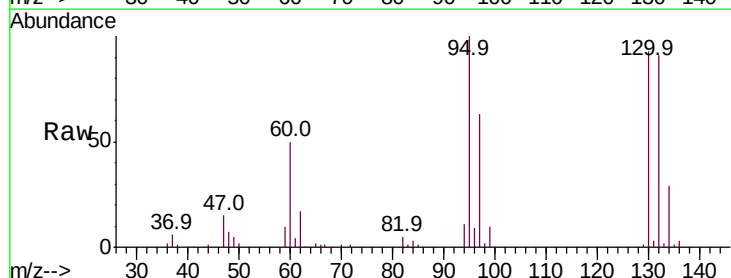
Acq: 20 Dec 2019 15:58

Tgt Ion:130 Resp: 137770

Ion Ratio Lower Upper

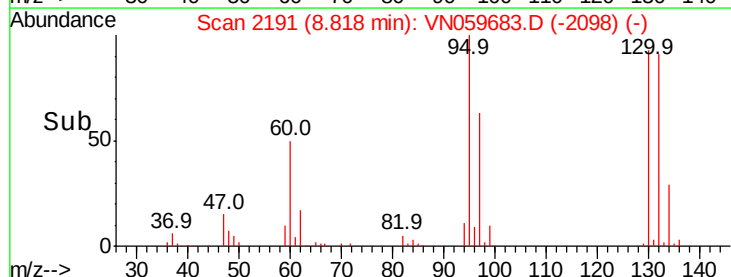
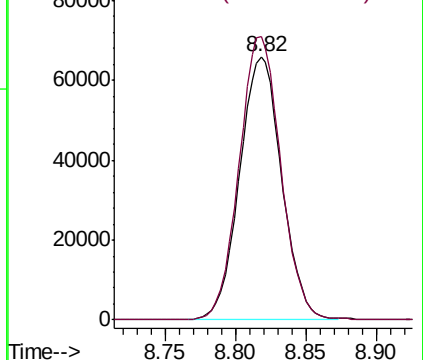
130 100

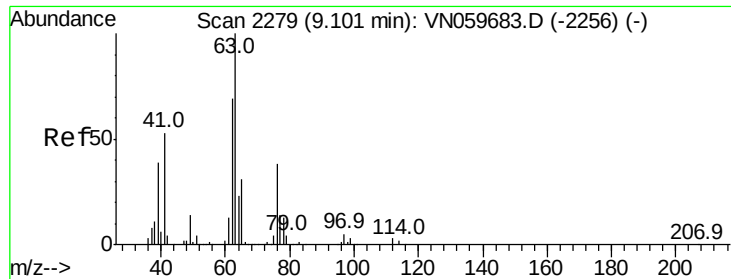
95 107.4 0.0 214.8



Abundance Ion 129.80 (129.50 to 130.50): VN059683.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059683.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 55.478 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

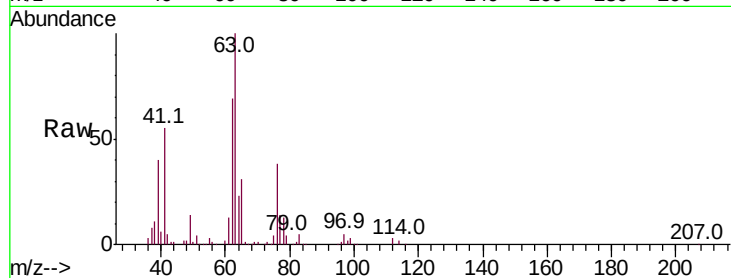
ClientSampled :

Tot Ion: 63 Resp: 187352

Ion Ratio Lower Upper

63 100

65 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.10

100000

80000

60000

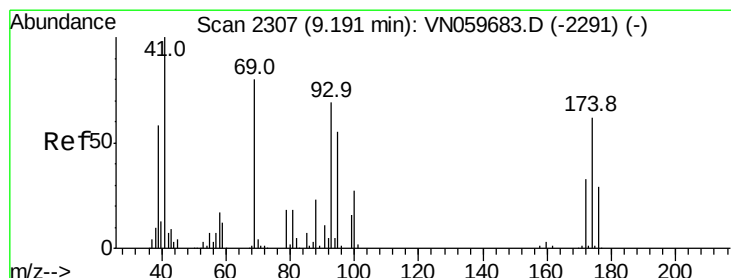
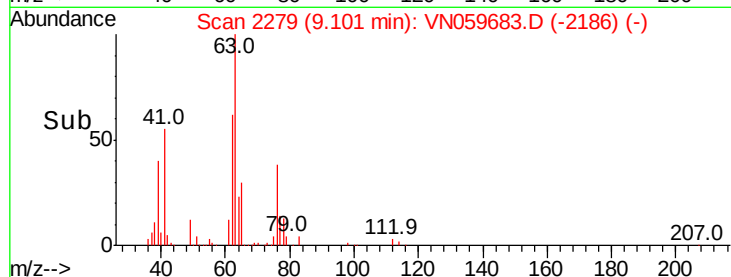
40000

20000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 49.139 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

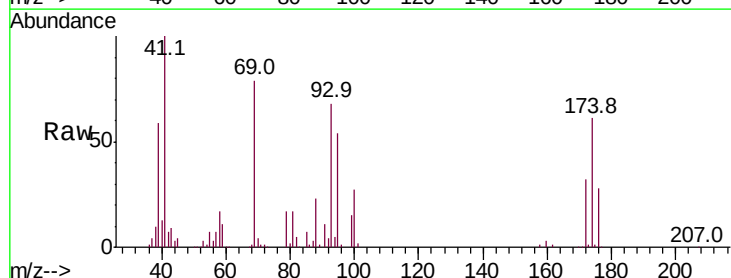
Tgt Ion: 93 Resp: 106028

Ion Ratio Lower Upper

93 100

95 81.5 65.2 97.8

174 91.4 73.1 109.7



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.19

60000

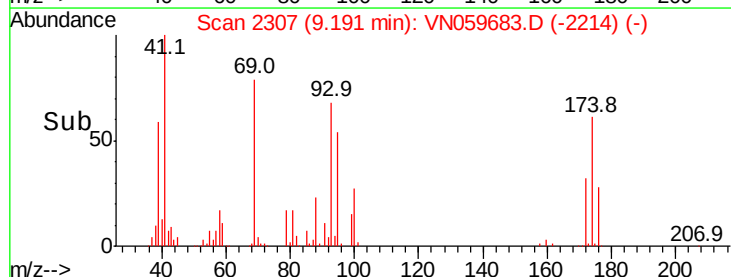
40000

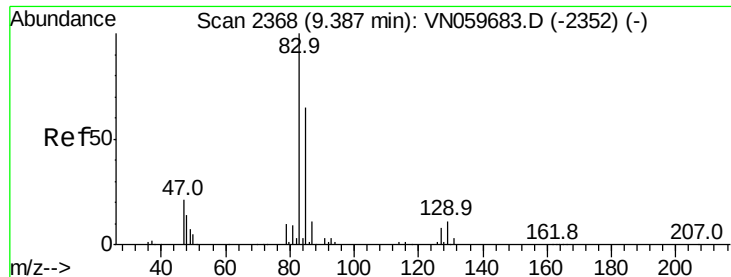
20000

0

Time-->

9.10 9.15 9.20 9.25 9.30

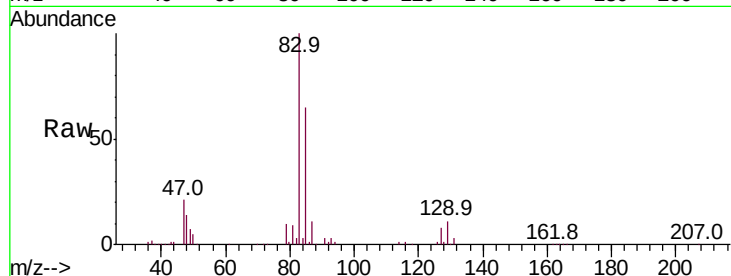




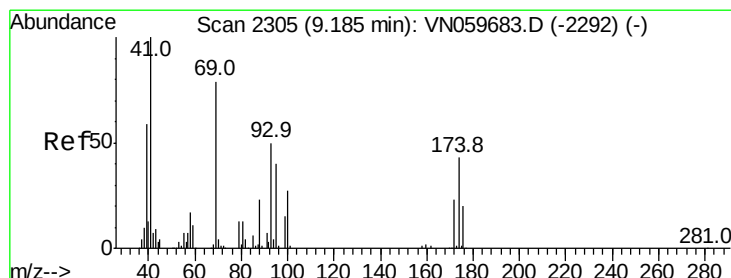
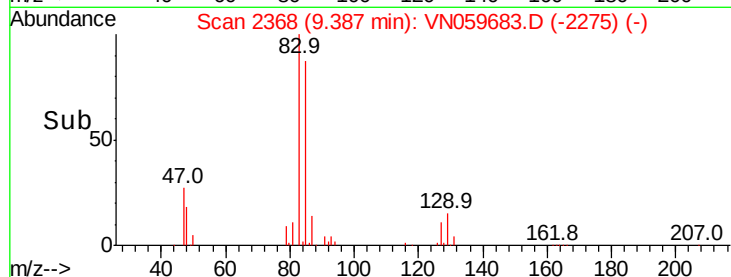
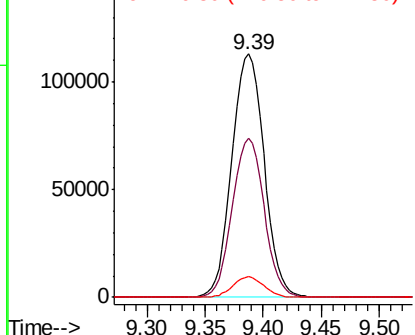
#47
Bromodichloromethane
Concen: 50.634 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 218225
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 8.4 6.7 10.1

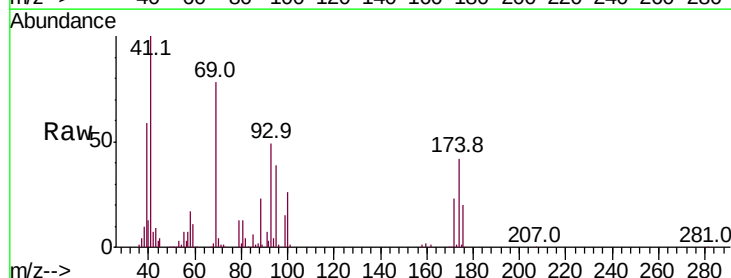


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

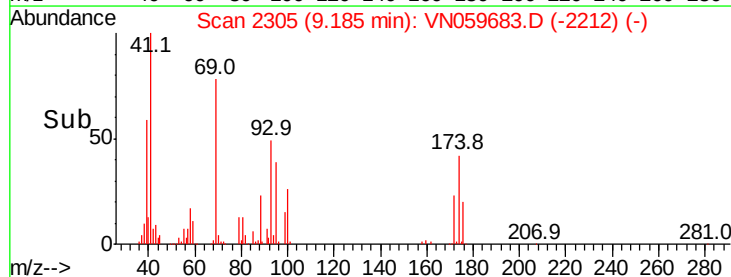
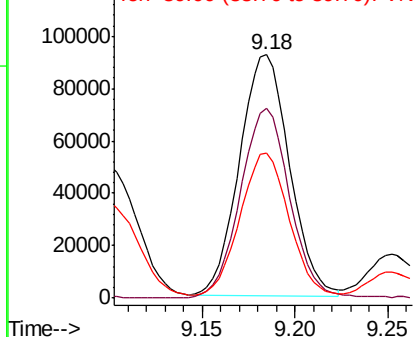


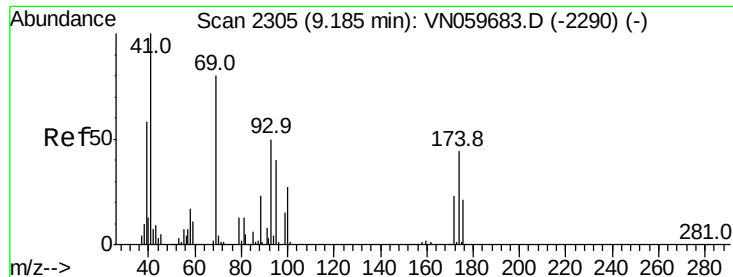
#48
Methyl methacrylate
Concen: 50.400 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion: 41 Resp: 172532
Ion Ratio Lower Upper
41 100
69 78.8 63.0 94.6
39 60.0 48.0 72.0



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

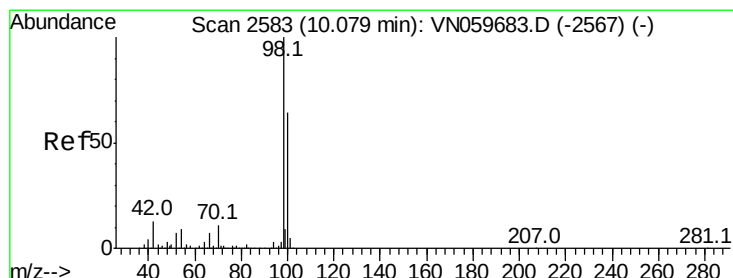
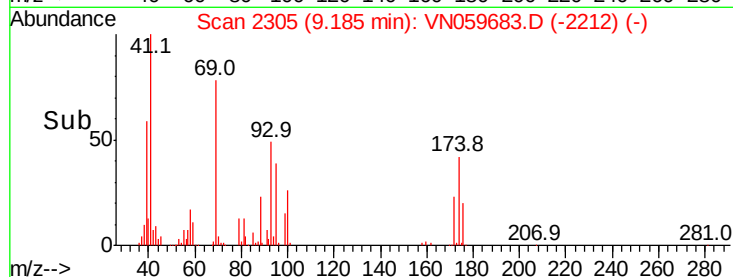
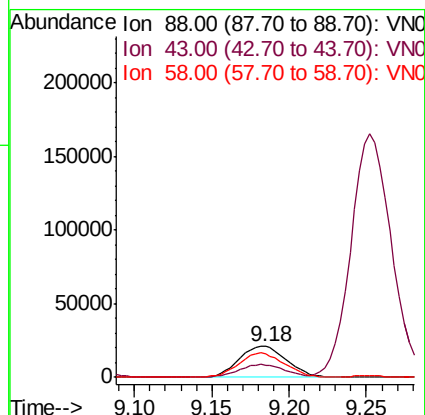
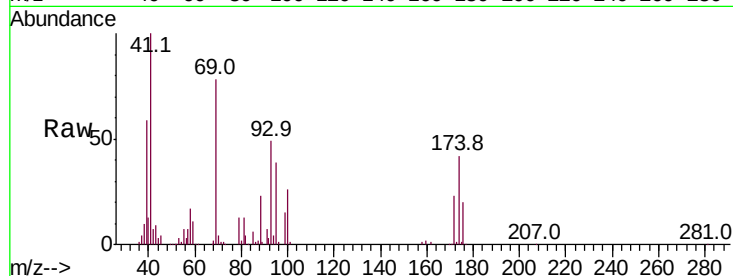




#49
1,4-Dioxane
Concen: 951.769 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

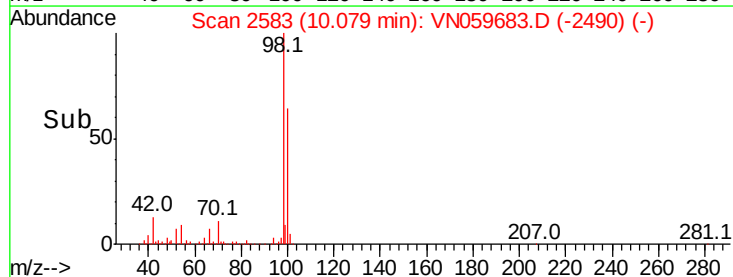
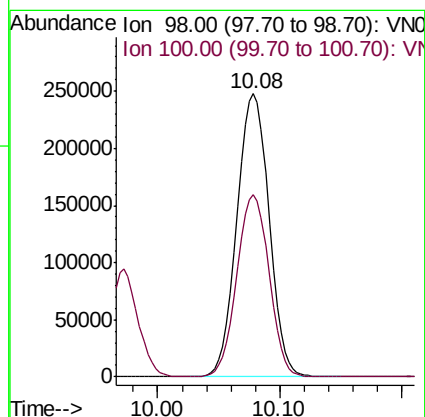
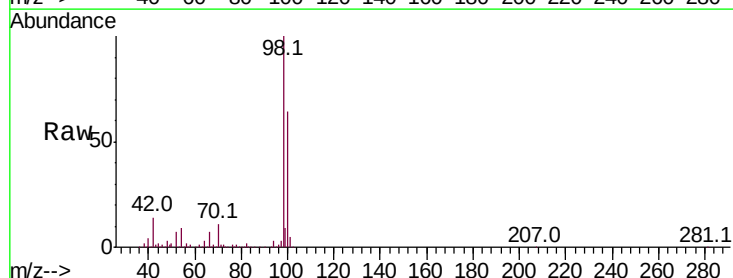
Instrument :
MSVOA_X
ClientSampleId :

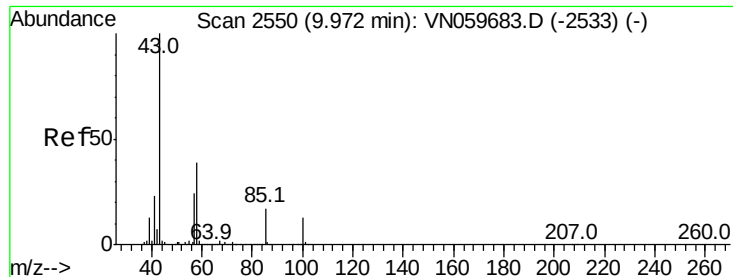
Tot Ion: 88 Resp: 45428
Ion Ratio Lower Upper
88 100
43 37.8 30.2 45.4
58 75.1 60.1 90.1



#50
Toluene-d8
Concen: 46.642 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion: 98 Resp: 453145
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

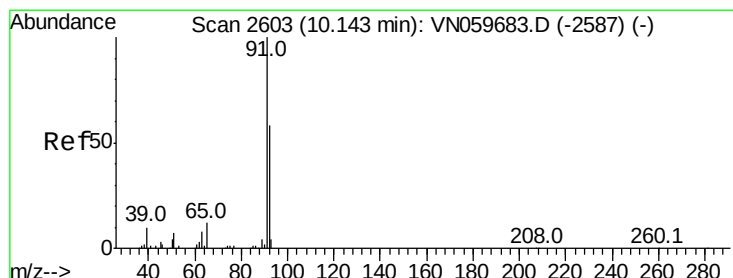
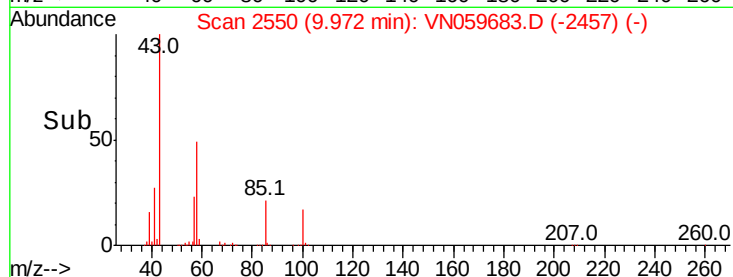
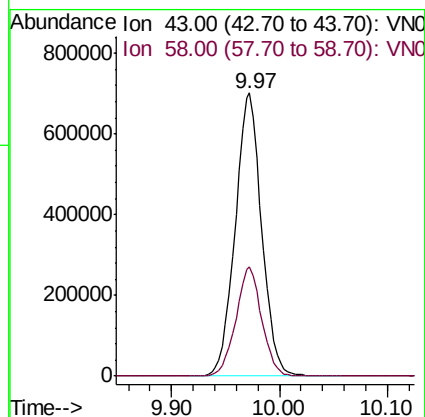
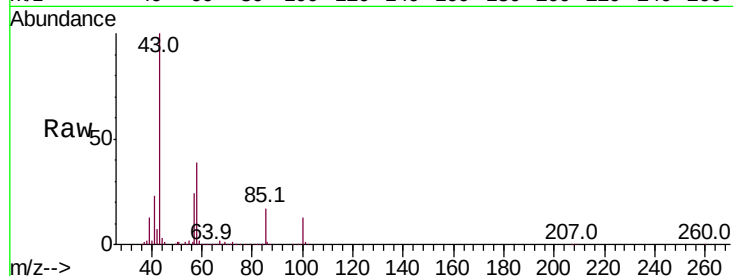




#51
 4-Methyl-2-Pentanone
 Concen: 265.428 ug/l
 RT: 9.97 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

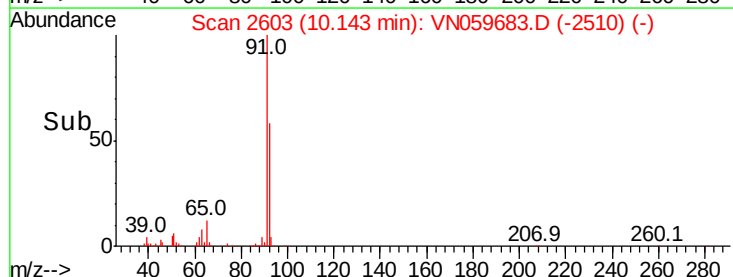
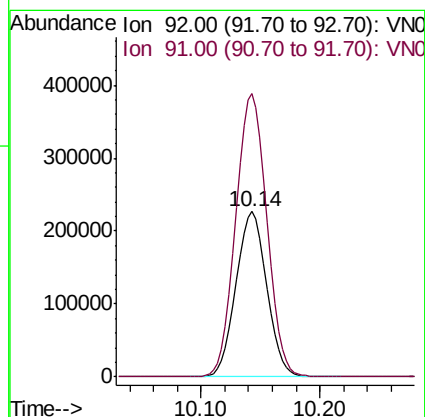
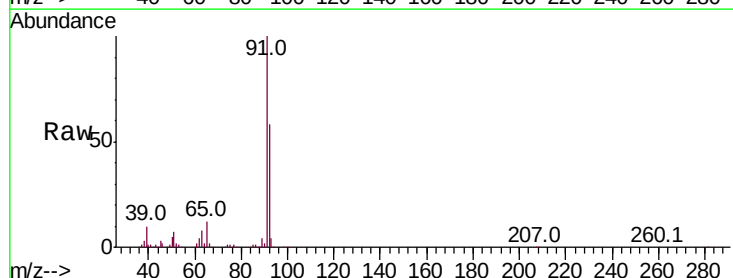
Instrument :
 MSVOA_X
 ClientSampleId :

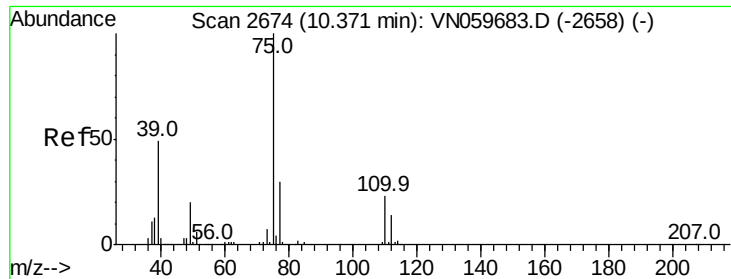
Tot Ion: 43 Resp: 1194982
 Ion Ratio Lower Upper
 43 100
 58 37.6 30.1 45.1



#52
 Toluene
 Concen: 53.335 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Tgt Ion: 92 Resp: 406279
 Ion Ratio Lower Upper
 92 100
 91 173.2 138.6 207.8

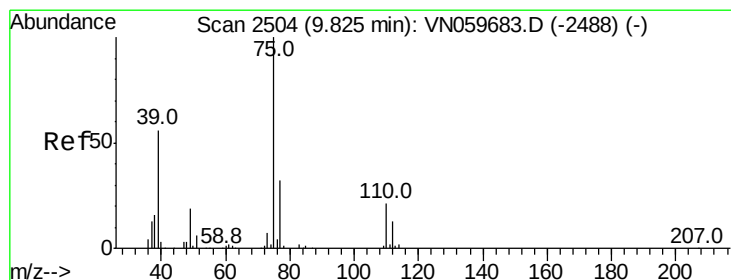
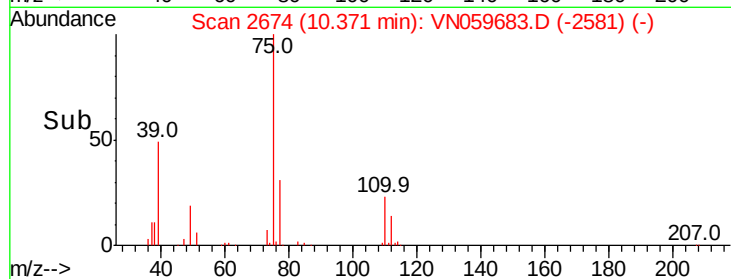
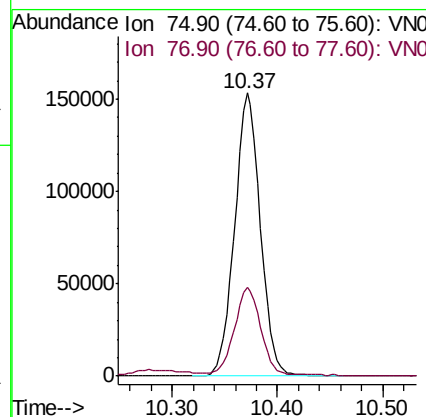
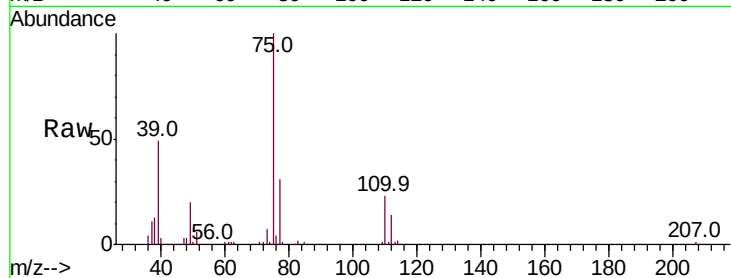




#53
 t-1,3-Dichloropropene
 Concen: 51.530 ug/l
 RT: 10.37 min Scan# 2674
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

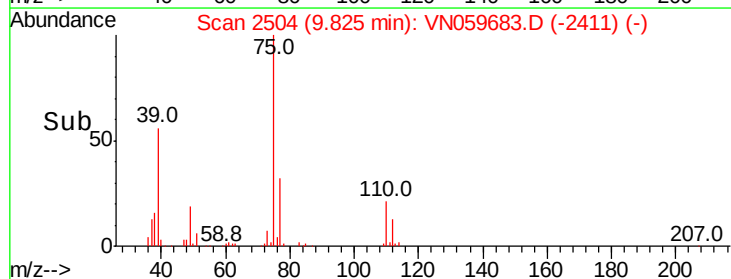
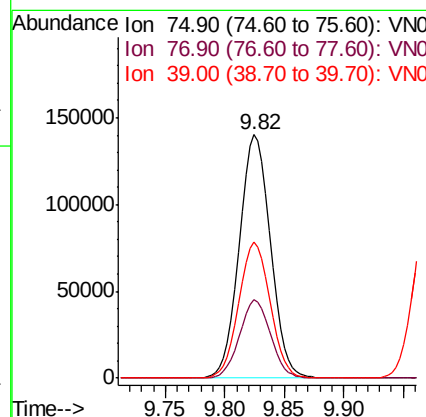
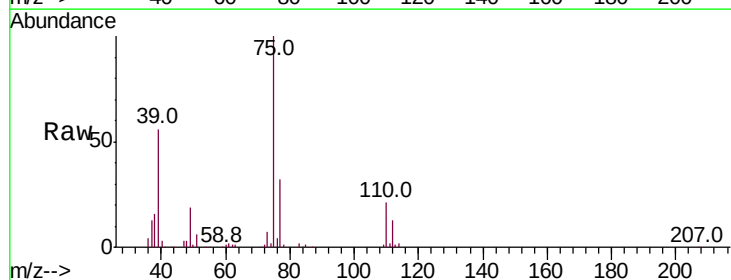
Instrument :
 MSVOA_X
 ClientSampleId :

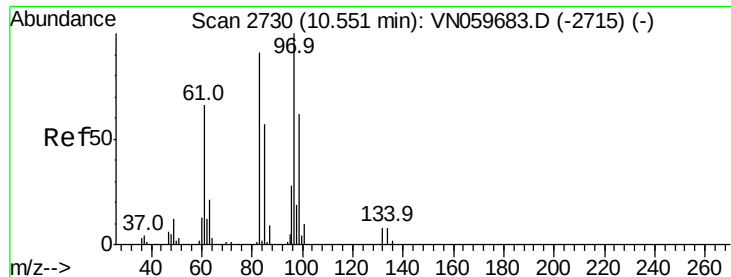
Tot Ion: 75 Resp: 257337
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 49.160 ug/l
 RT: 9.82 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Tgt Ion: 75 Resp: 255552
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 39 55.7 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 51.010 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 150610

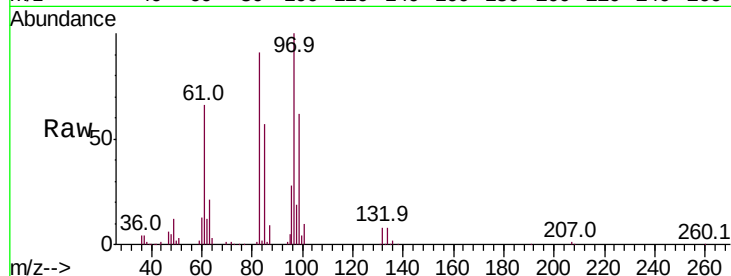
Ion	Ratio	Lower	Upper
97	100		
83	90.7	72.6	108.8
85	57.1	45.7	68.5
99	61.5	49.2	73.8

97 100

83 90.7 72.6 108.8

85 57.1 45.7 68.5

99 61.5 49.2 73.8



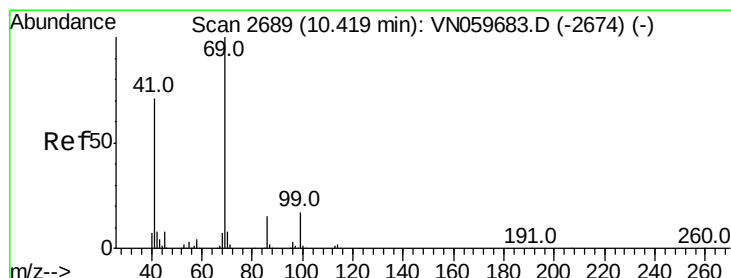
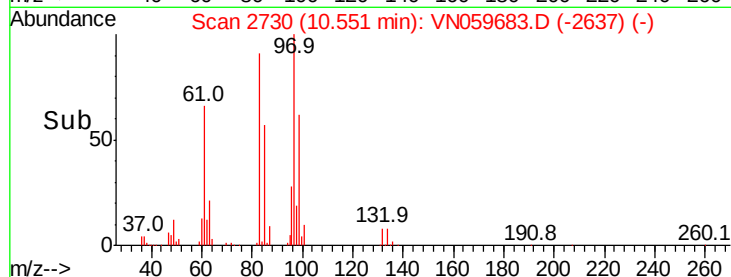
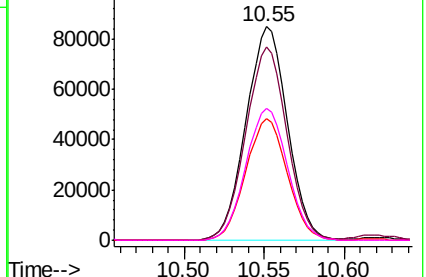
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 52.049 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

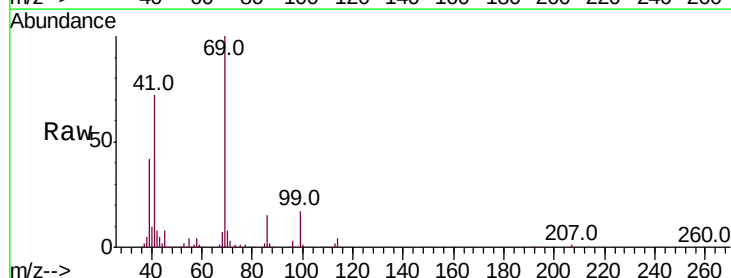
Tgt Ion: 69 Resp: 226135

Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.7	85.1
39	40.7	32.6	48.8

69 100

41 70.9 56.7 85.1

39 40.7 32.6 48.8

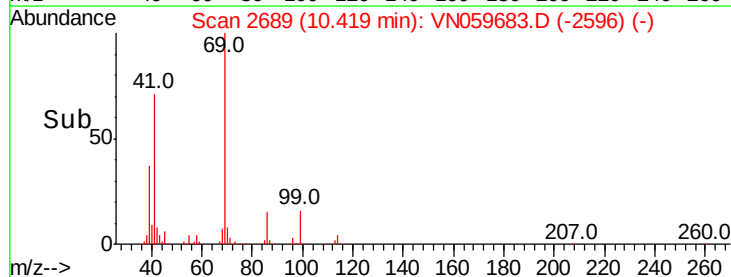
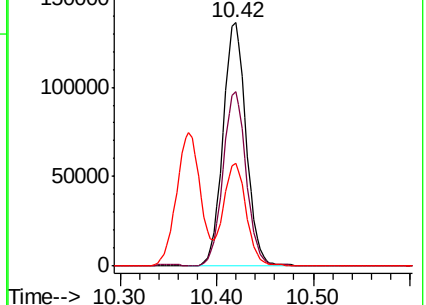


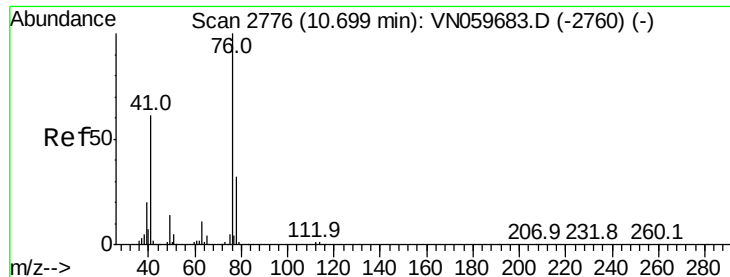
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 55.769 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

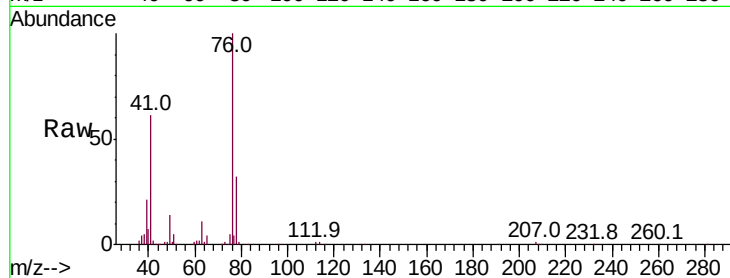
ClientSampleId :

Tot Ion: 76 Resp: 291907

Ion Ratio Lower Upper

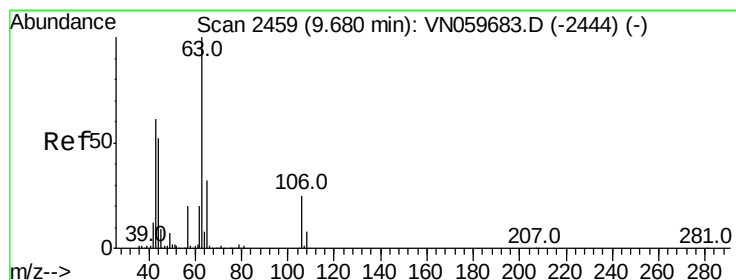
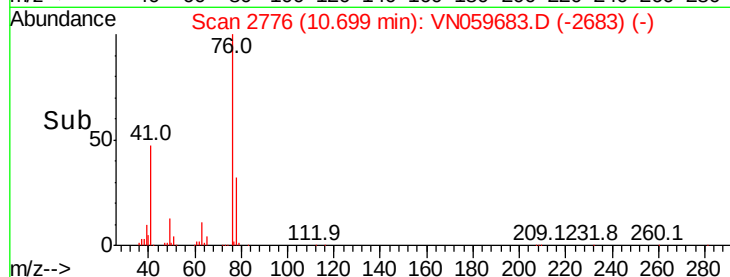
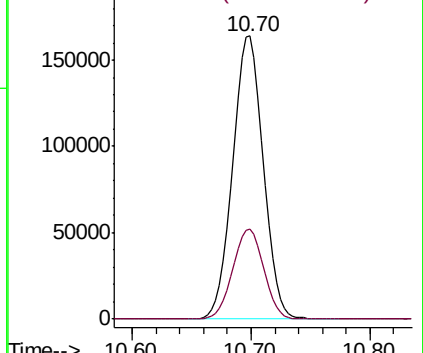
76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 345.701 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059683.D

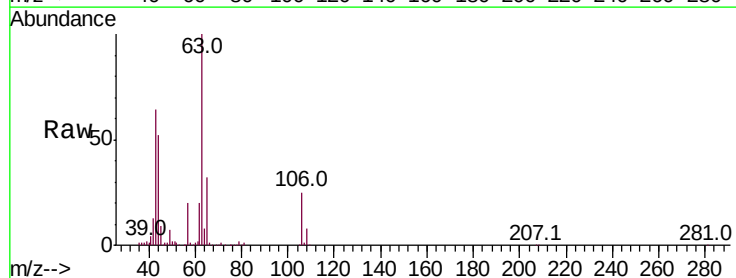
Acq: 20 Dec 2019 15:58

Tgt Ion: 63 Resp: 492708

Ion Ratio Lower Upper

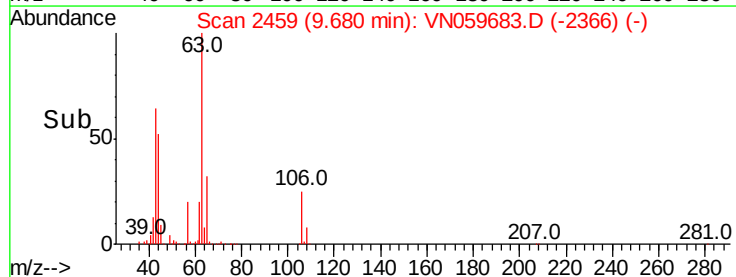
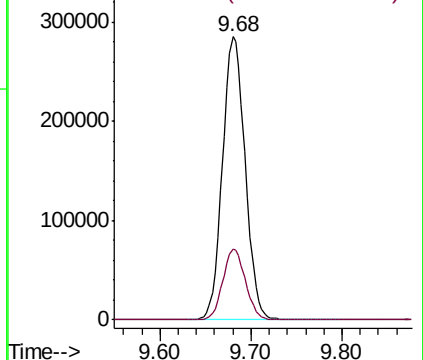
63 100

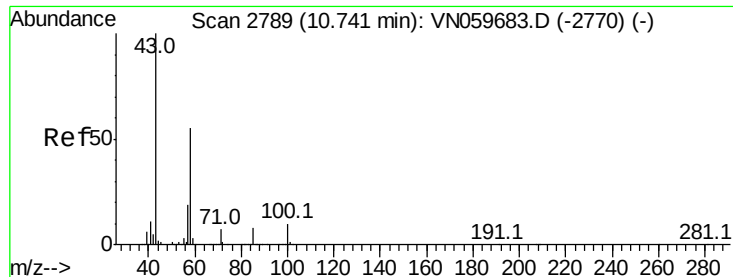
106 24.9 19.9 29.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

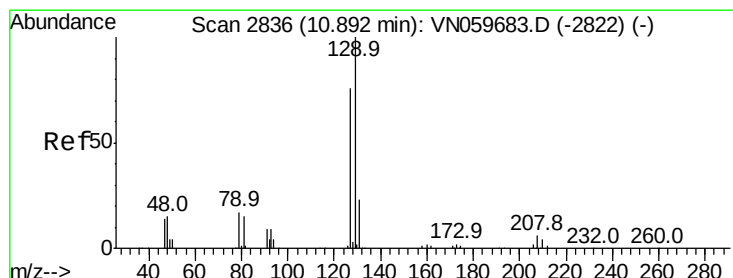
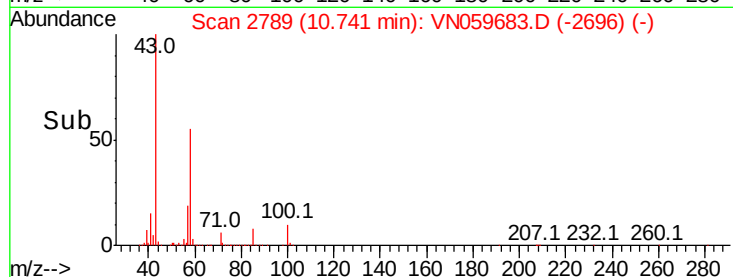
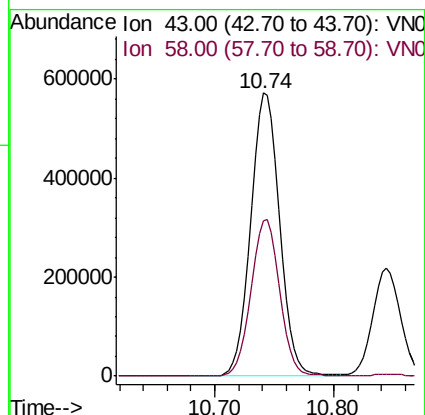
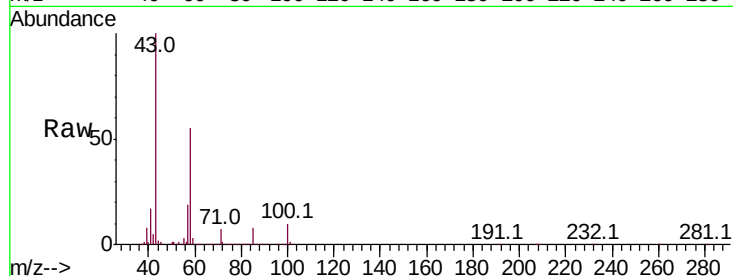




#59
2-Hexanone
Concen: 270.270 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

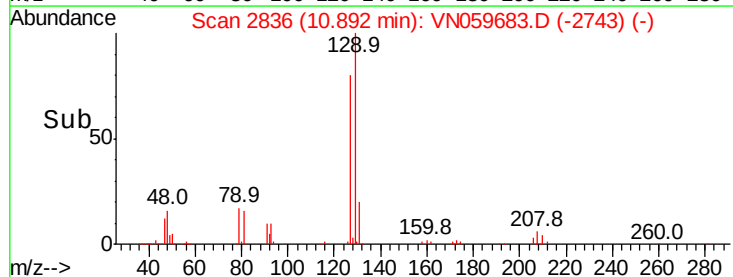
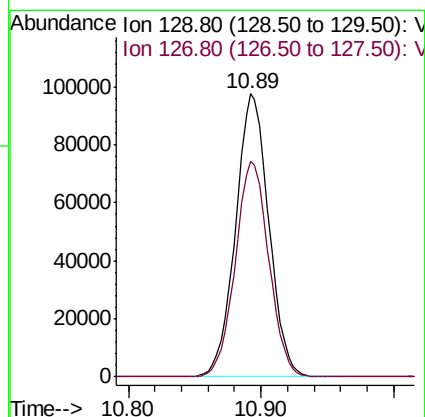
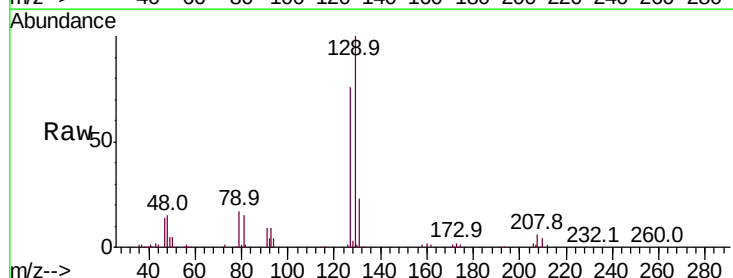
Instrument :
MSVOA_X
ClientSampleId :

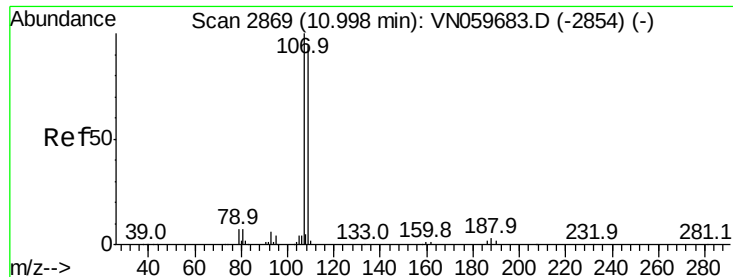
Tot Ion: 43 Resp: 960070
Ion Ratio Lower Upper
43 100
58 55.1 27.6 82.7



#60
Dibromochloromethane
Concen: 52.509 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion: 129 Resp: 169740
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2

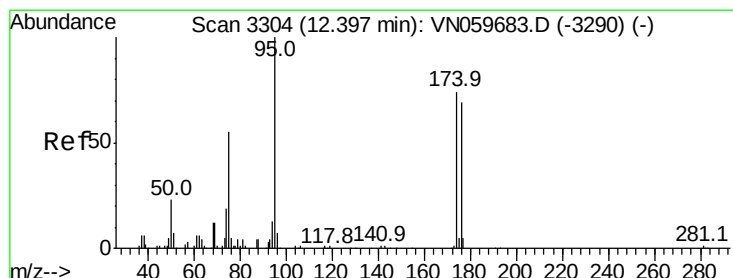
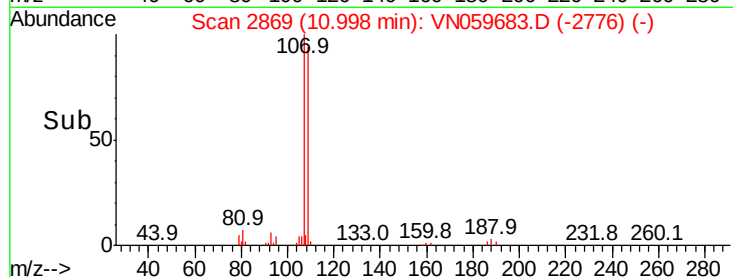
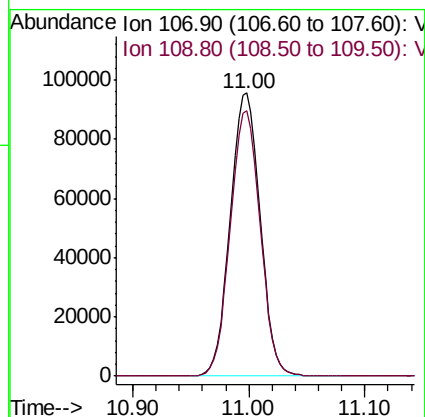
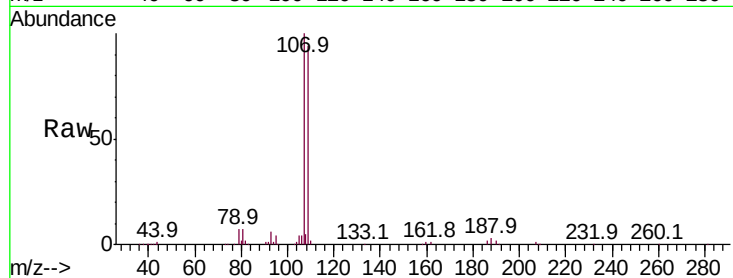




#61
 1,2-Dibromoethane
 Concen: 53.700 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

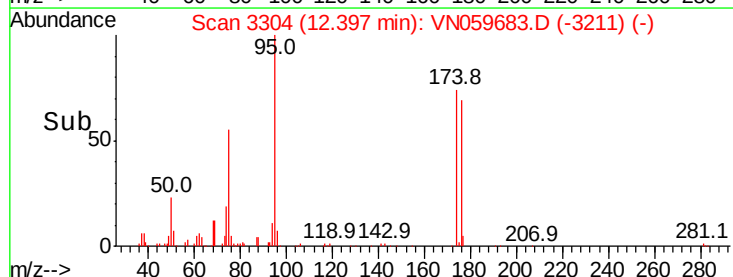
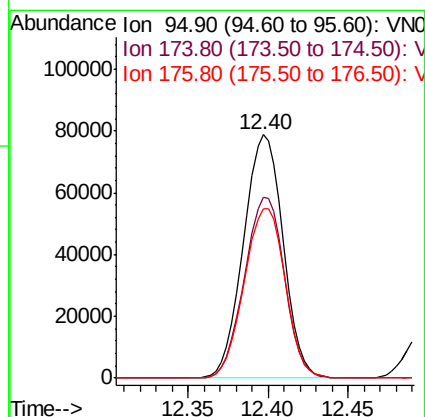
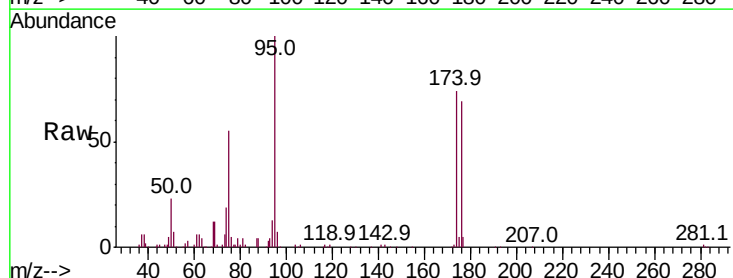
Instrument :
 MSVOA_X
 ClientSampleId :

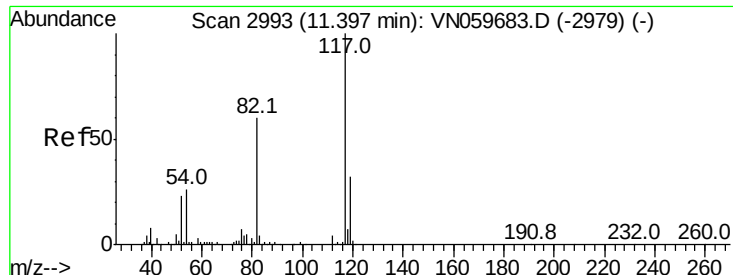
Tot Ion: 107 Resp: 170387
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 39.040 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Tgt Ion: 95 Resp: 133045
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 150.2
 176 72.0 0.0 144.0

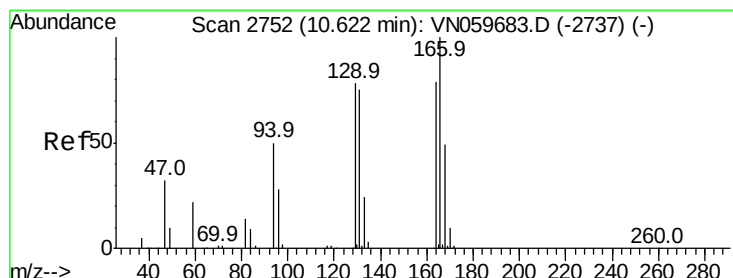
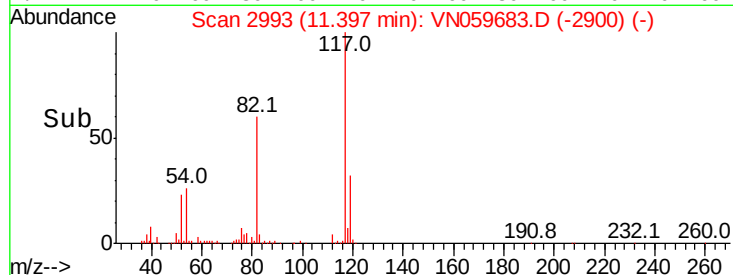
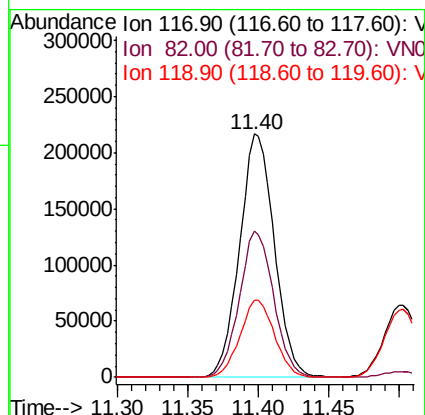
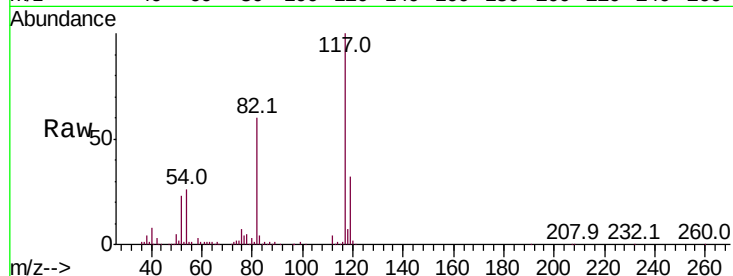




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

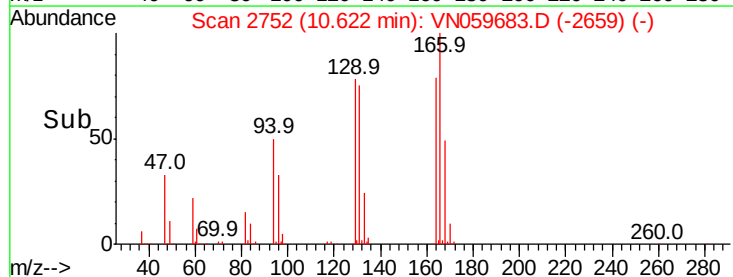
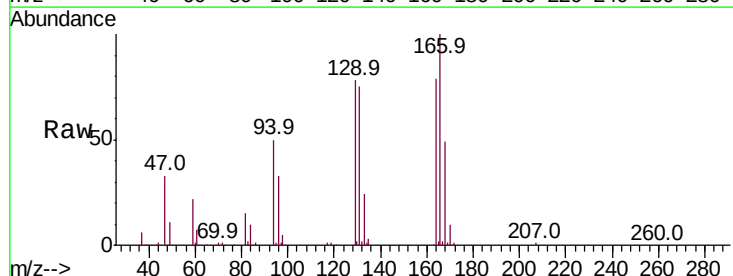
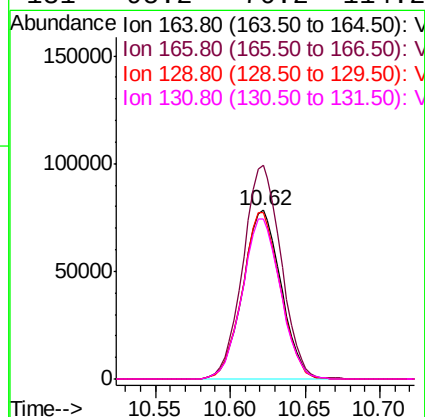
Instrument :
MSVOA_X
ClientSampleId :

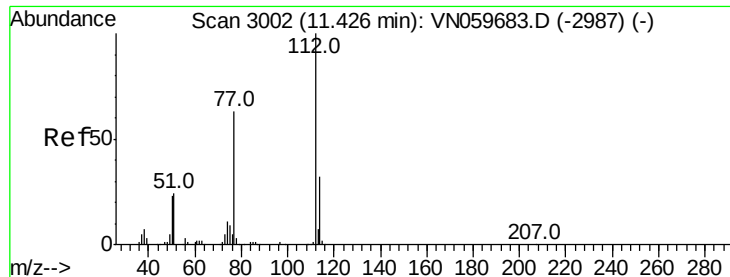
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	48.2	72.2
119	31.8	25.4	38.2



#64
Tetrachloroethene
Concen: 40.479 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	101.4	152.0
129	99.0	79.2	118.8
131	95.2	76.2	114.2

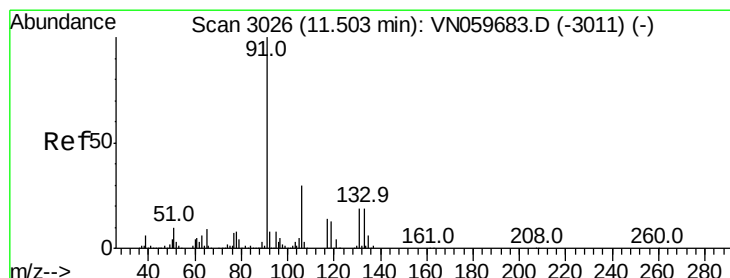
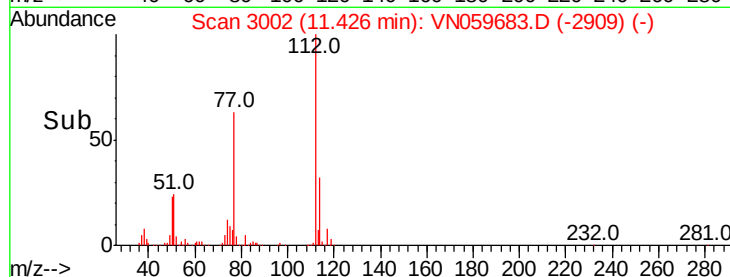
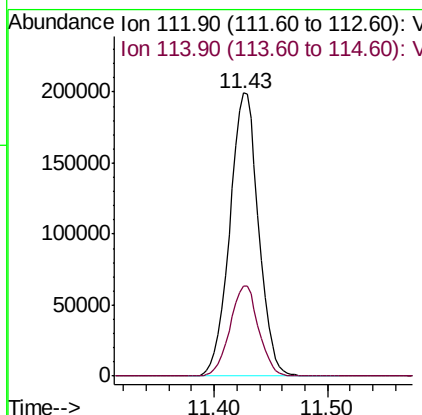
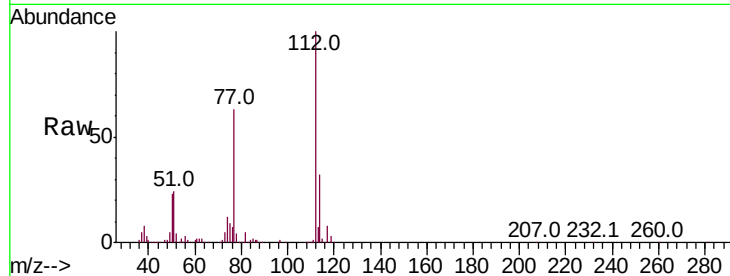




#65
Chlorobenzene
Concen: 44.065 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

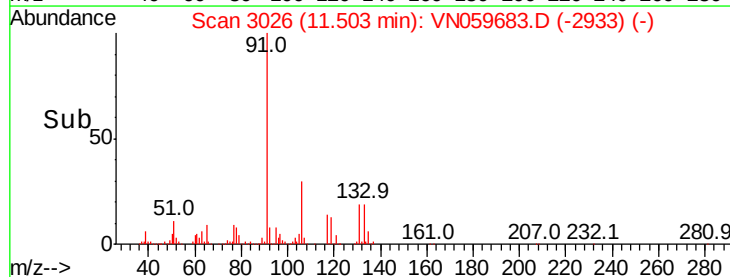
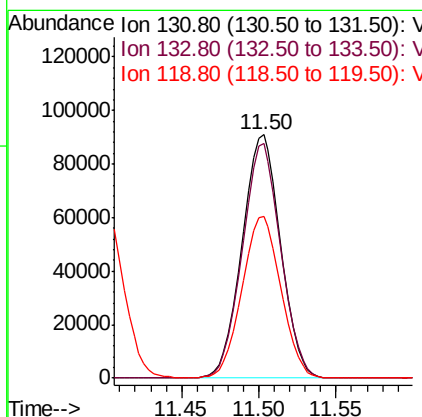
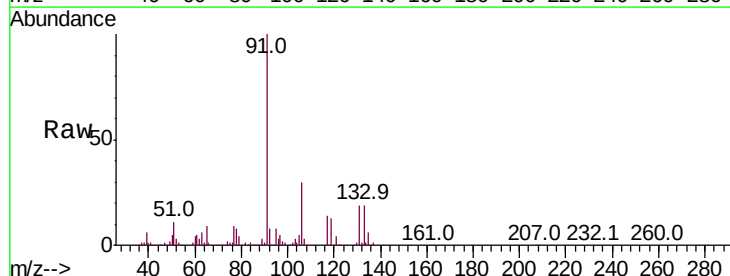
Instrument :
MSVOA_X
ClientSampleId :

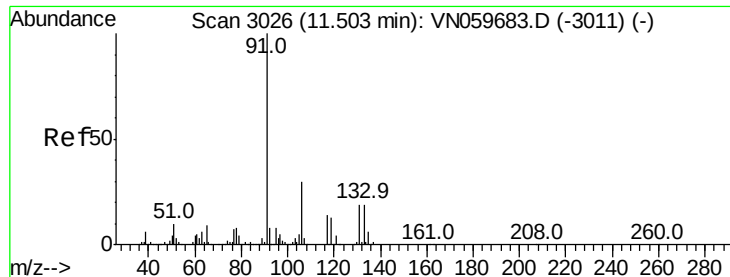
Tot Ion:112 Resp: 352123
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.762 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion:131 Resp: 158012
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 66.9 33.5 100.4





#67

Ethyl Benzene

Concen: 53.213 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

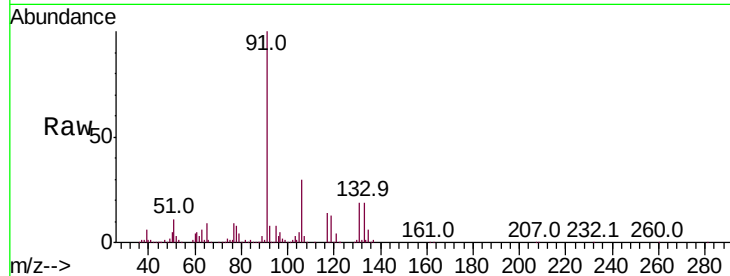
ClientSampleId :

Tot Ion: 91 Resp: 792020

Ion Ratio Lower Upper

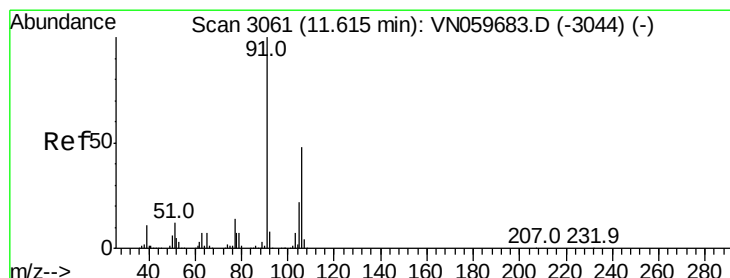
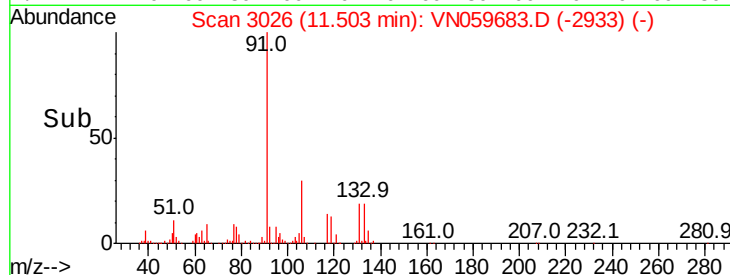
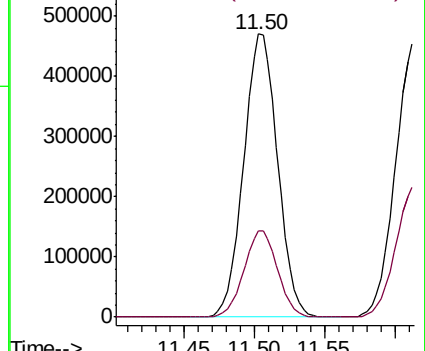
91 100

106 30.3 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 80.767 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059683.D

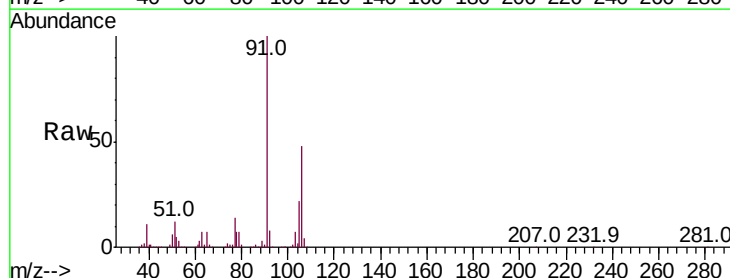
Acq: 20 Dec 2019 15:58

Tgt Ion: 106 Resp: 422187

Ion Ratio Lower Upper

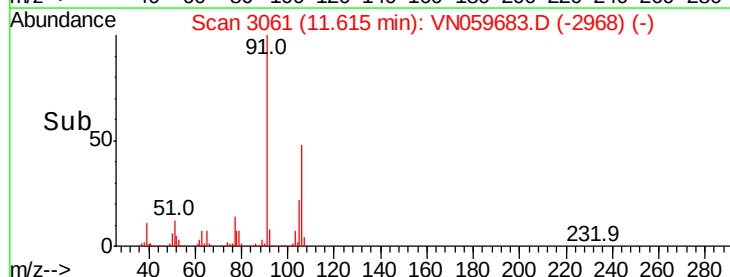
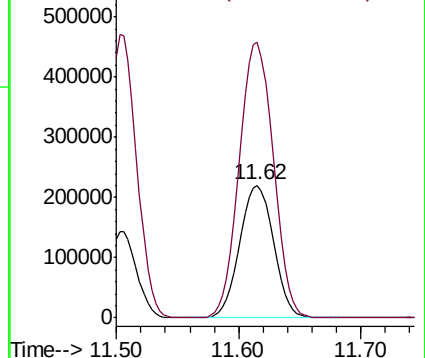
106 100

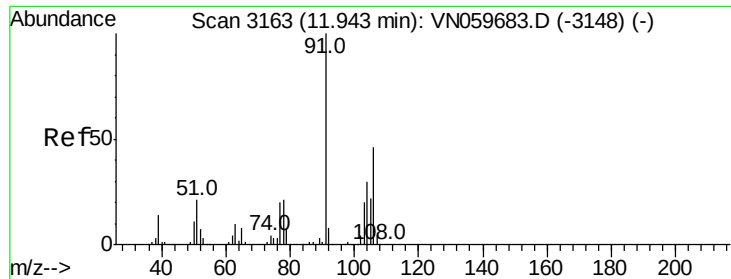
91 209.9 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

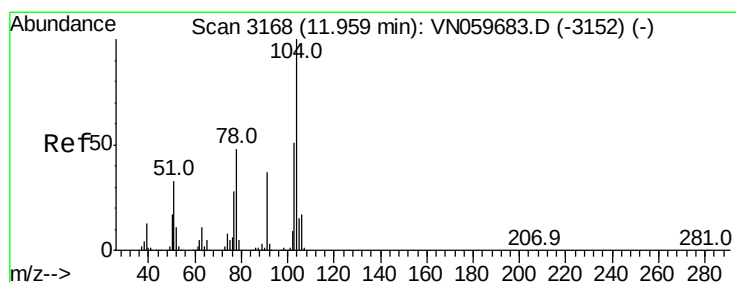
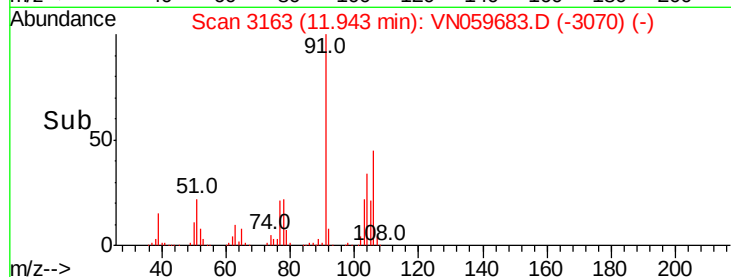
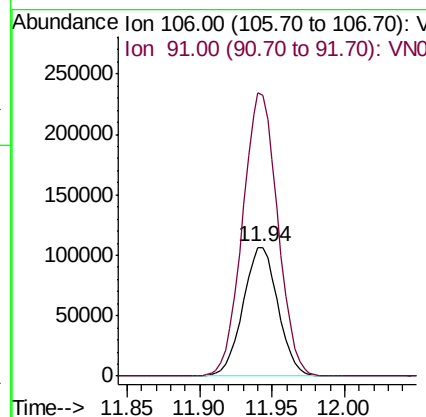
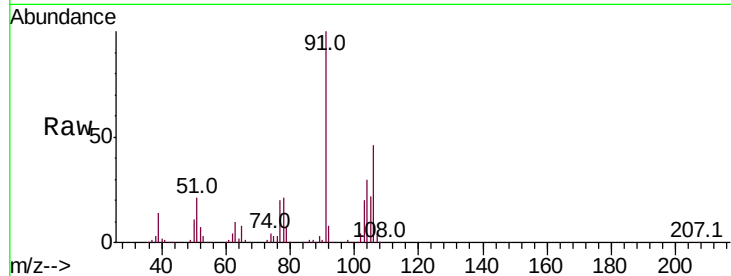




#69
o-Xylene
Concen: 36.542 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

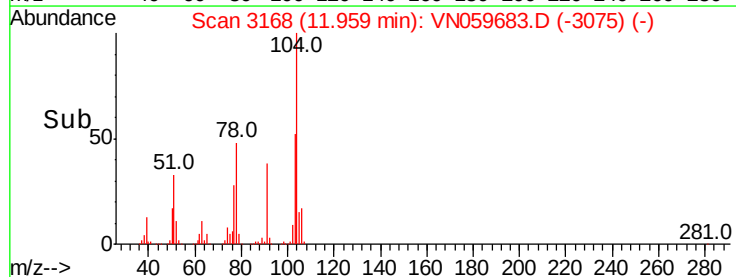
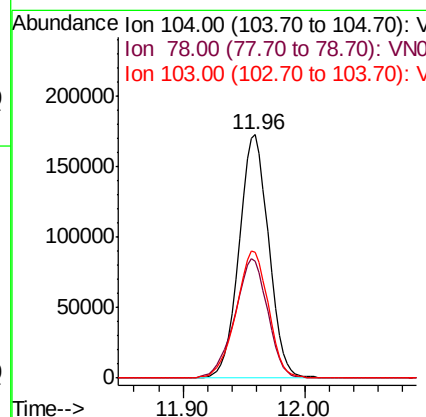
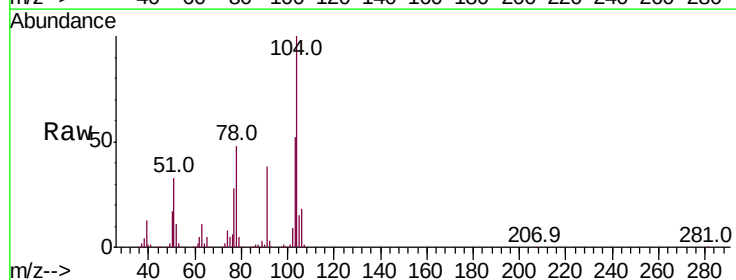
Instrument :
MSVOA_X
ClientSampled :

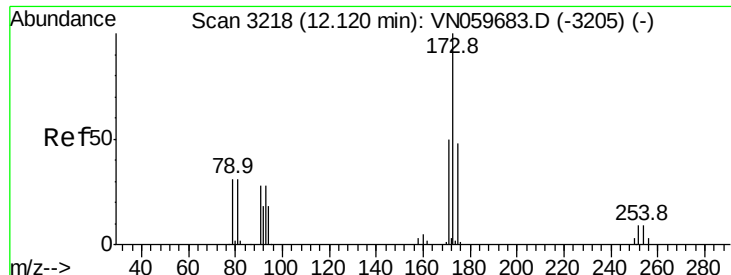
Tot Ion:106 Resp: 178824
Ion Ratio Lower Upper
106 100
91 220.6 110.3 330.9



#70
Styrene
Concen: 37.101 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion:104 Resp: 290612
Ion Ratio Lower Upper
104 100
78 54.6 43.7 65.5
103 57.0 45.6 68.4





#71

Bromoform

Concen: 36.430 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

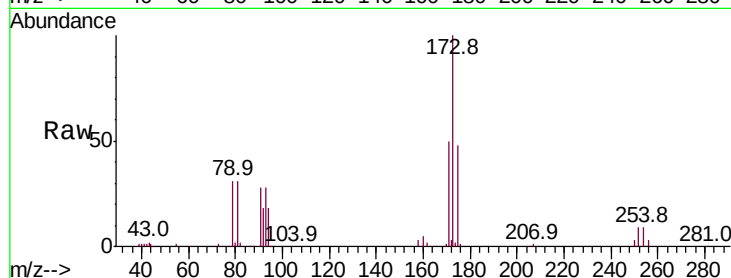
Tot Ion:173 Resp: 79753

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.9

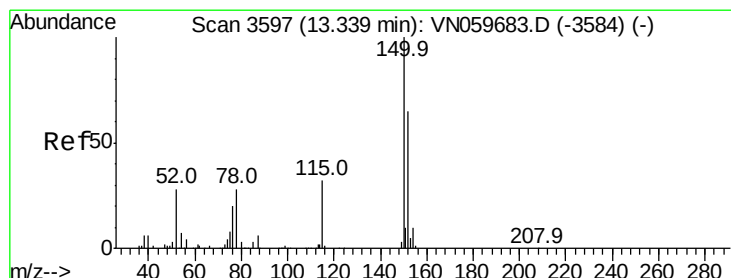
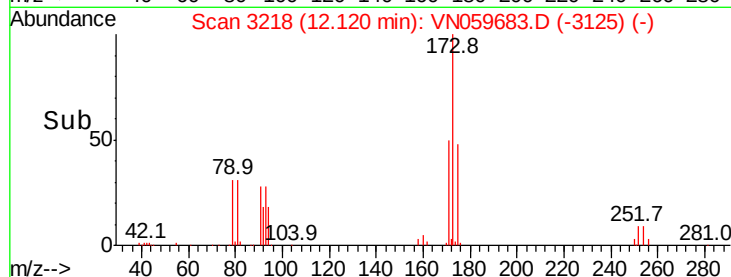
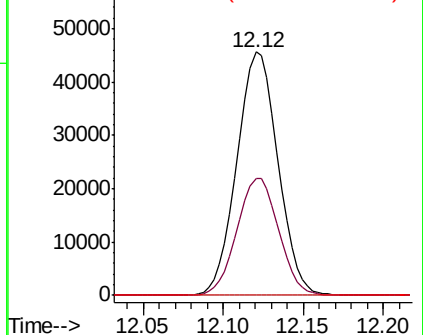
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

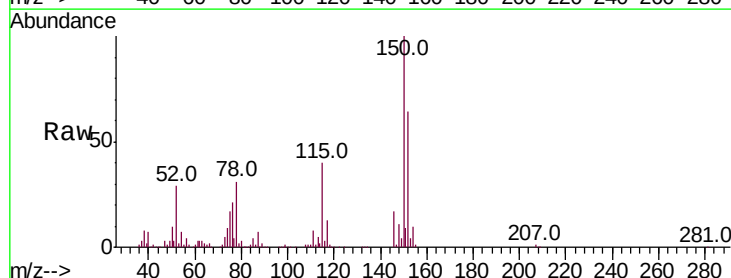
Tgt Ion:152 Resp: 128391

Ion Ratio Lower Upper

152 100

115 63.1 31.6 94.7

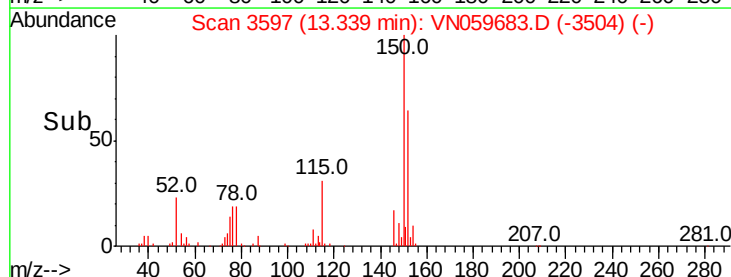
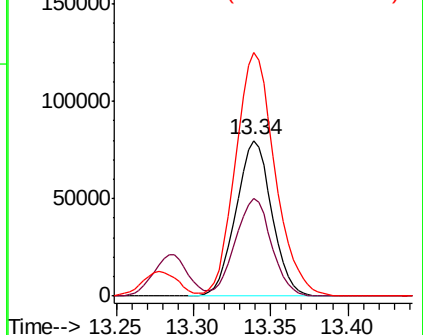
150 172.5 0.0 345.0

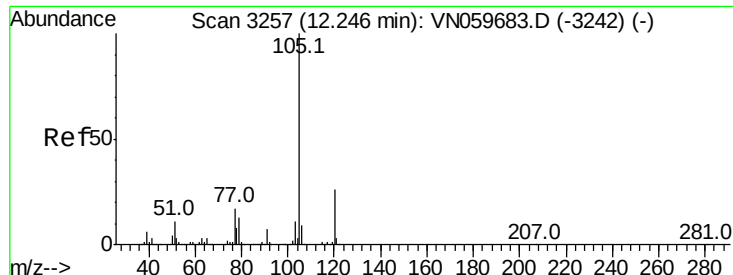


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.137 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

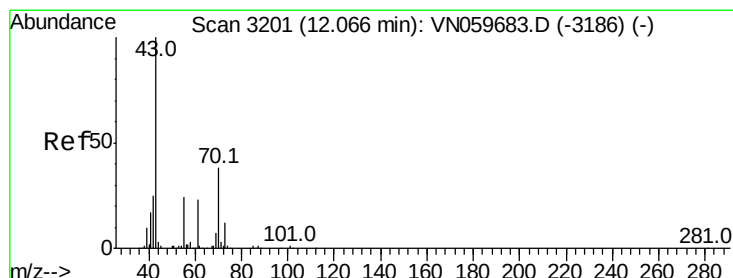
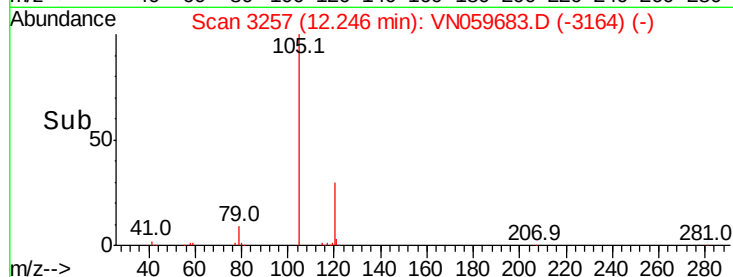
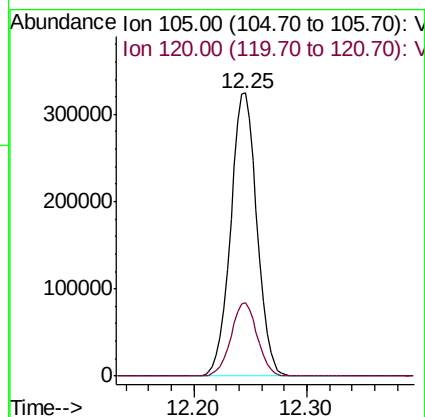
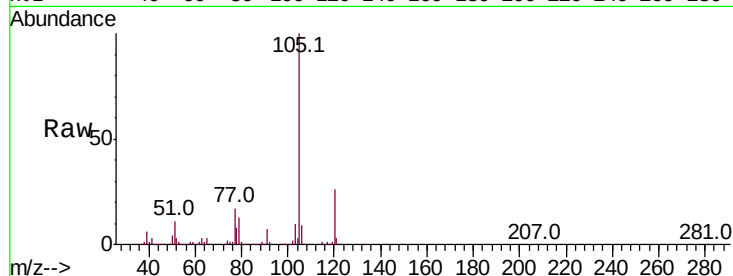
ClientSampleId :

Tot Ion:105 Resp: 521545

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



#74

N-ethyl acetate

Concen: 51.845 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Tgt Ion: 43 Resp: 241206

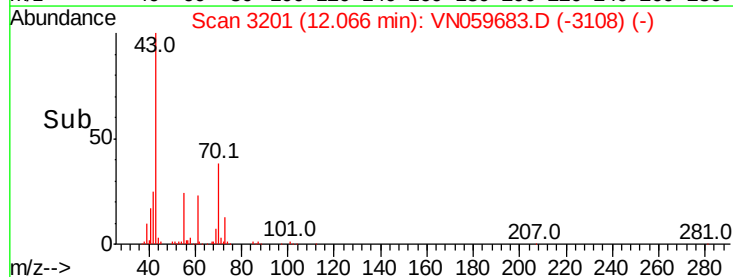
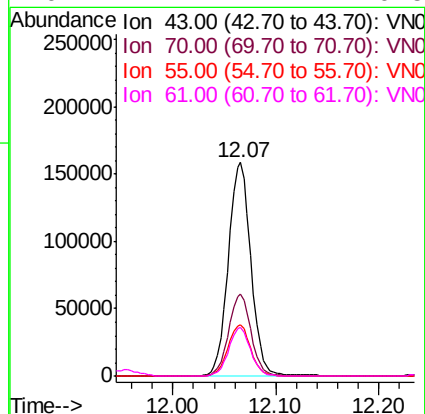
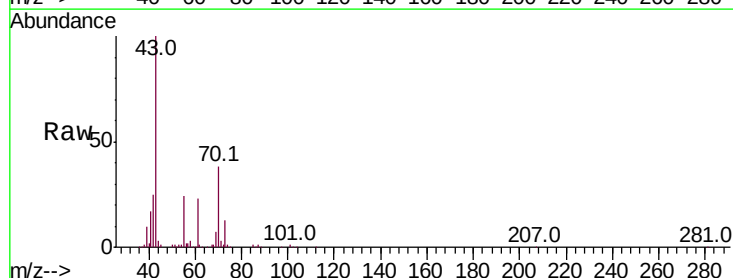
Ion Ratio Lower Upper

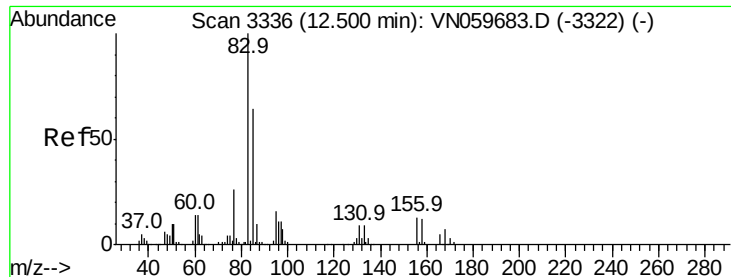
43 100

70 38.1 30.5 45.7

55 24.3 19.4 29.2

61 22.1 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 53.443 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

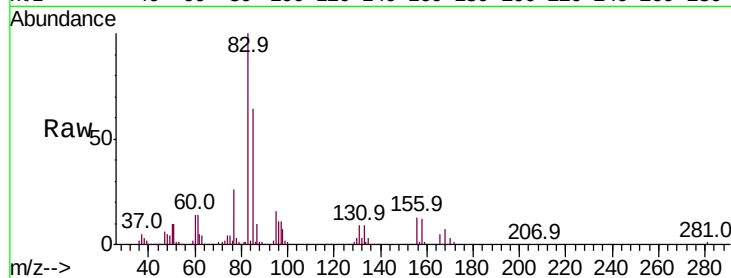
Tot Ion: 83 Resp: 174565

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

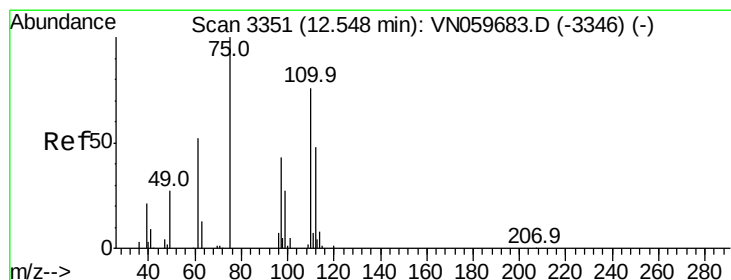
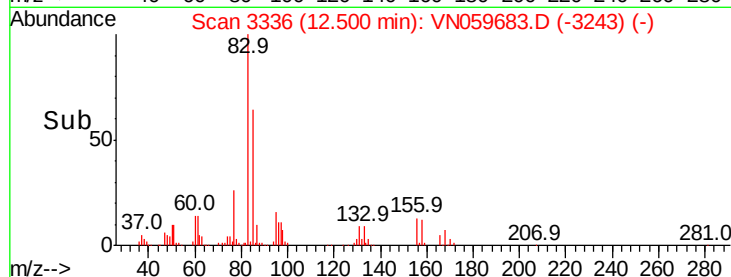
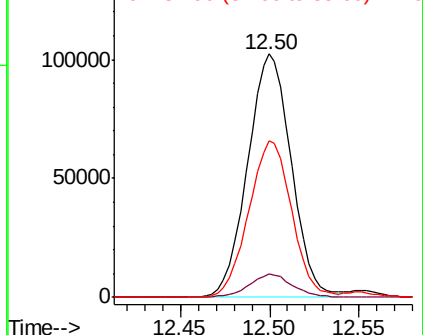
85 63.5 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 80.071 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059683.D

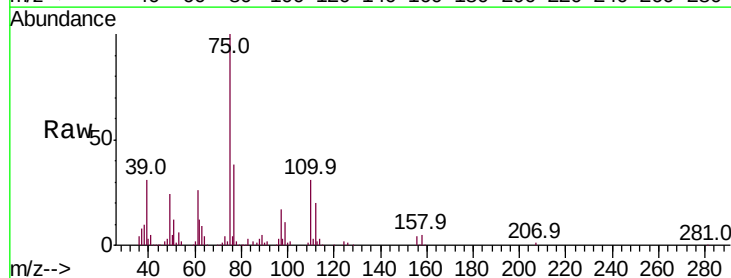
Acq: 20 Dec 2019 15:58

Tgt Ion: 75 Resp: 262349

Ion Ratio Lower Upper

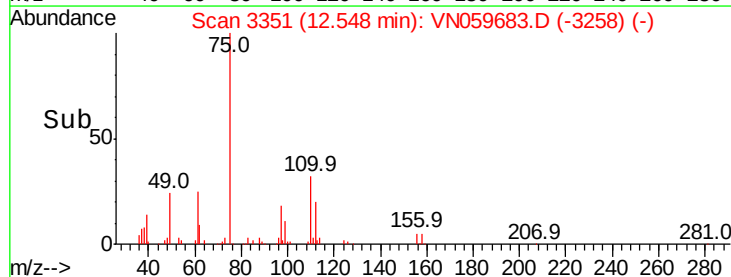
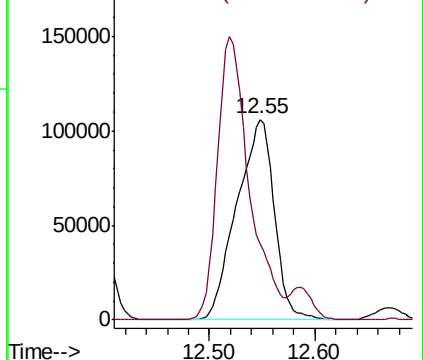
75 100

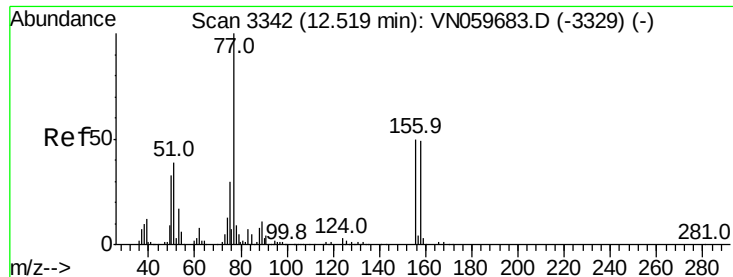
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 51.635 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

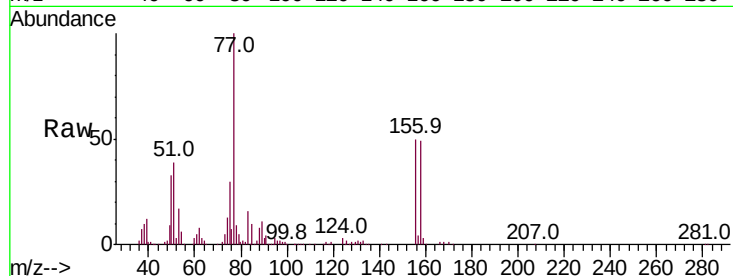
Tot Ion:156 Resp: 130665

Ion Ratio Lower Upper

156 100

77 241.7 120.8 362.5

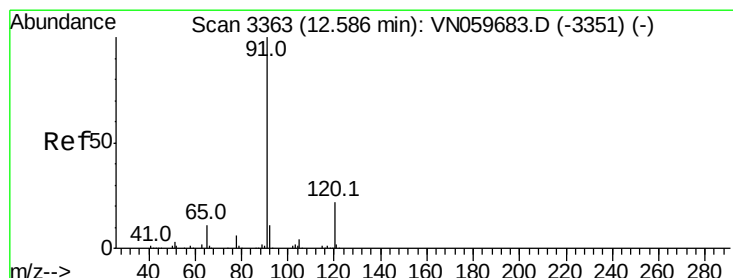
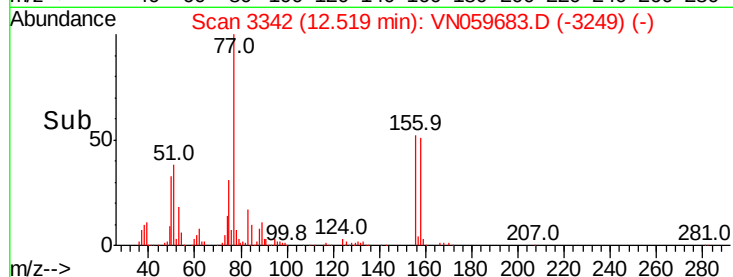
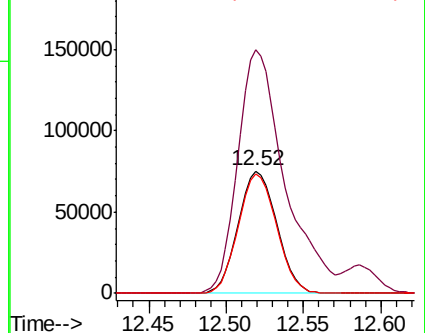
158 97.0 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.987 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059683.D

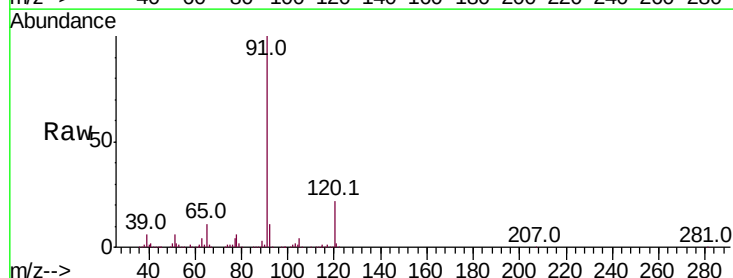
Acq: 20 Dec 2019 15:58

Tgt Ion: 91 Resp: 657336

Ion Ratio Lower Upper

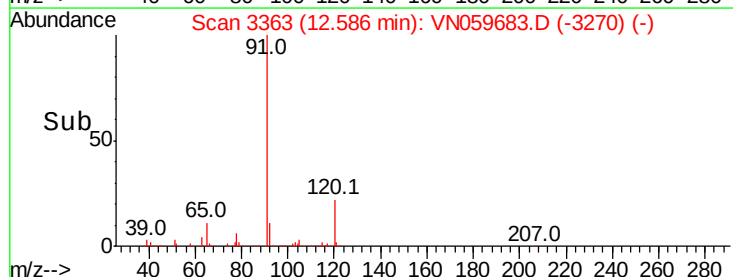
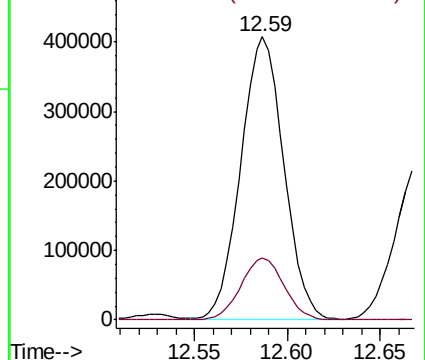
91 100

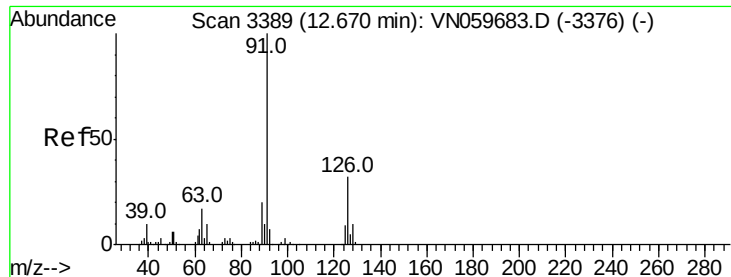
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.368 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

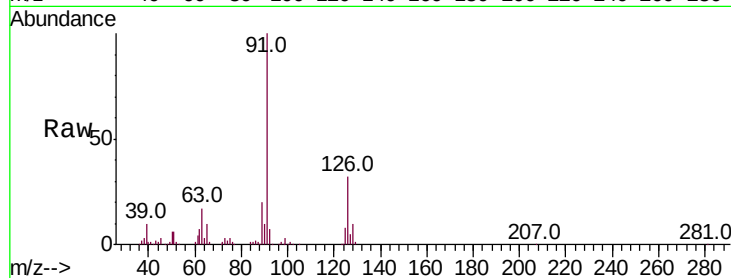
ClientSampleId :

Tot Ion: 91 Resp: 385141

Ion Ratio Lower Upper

91 100

126 32.1 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN059683.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN059683.D (-3376) (-)

400000

300000

200000

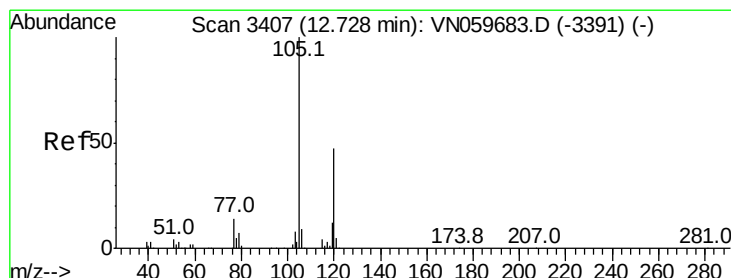
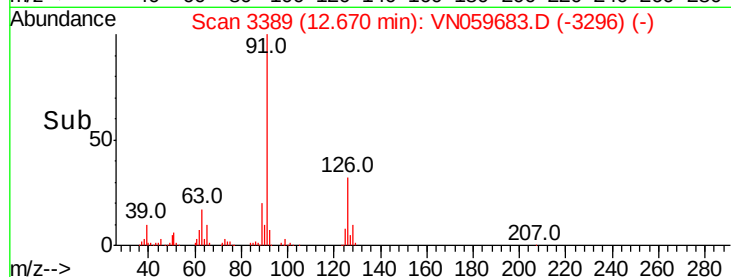
100000

0

12.60 12.65 12.70

12.67

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.023 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059683.D

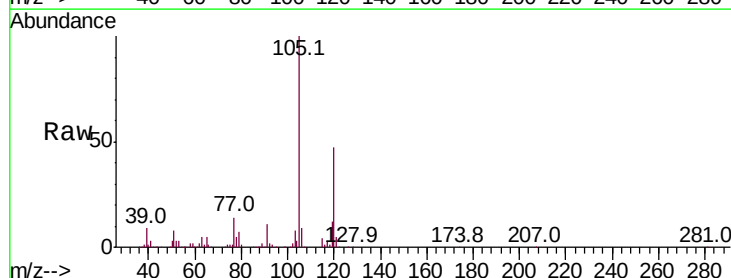
Acq: 20 Dec 2019 15:58

Tgt Ion:105 Resp: 482246

Ion Ratio Lower Upper

105 100

120 47.4 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN059683.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN059683.D (-3391) (-)

300000

200000

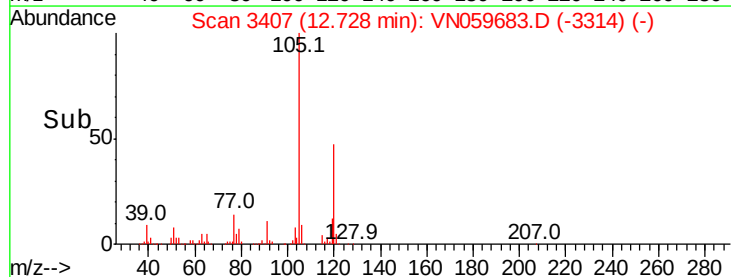
100000

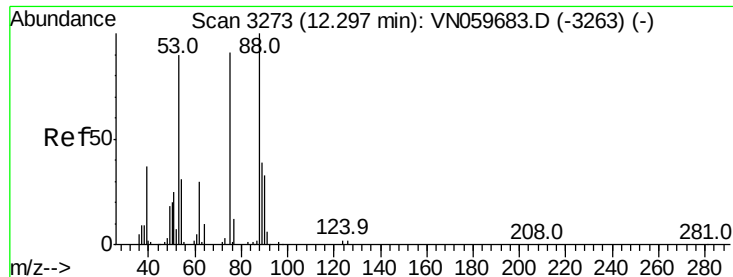
0

12.70 12.75

12.73

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 51.423 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

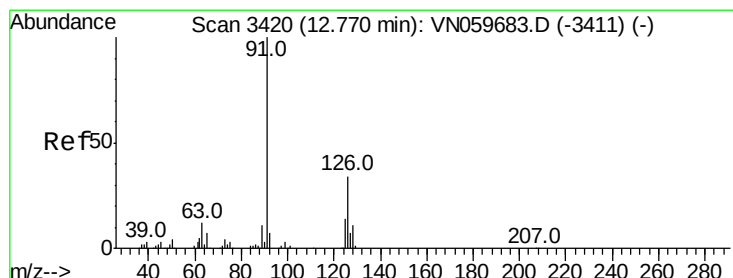
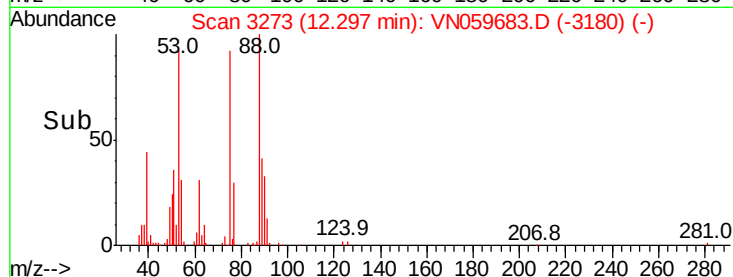
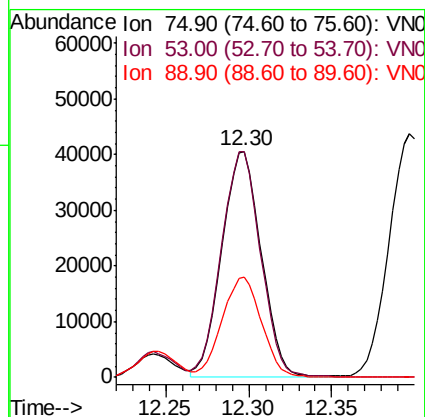
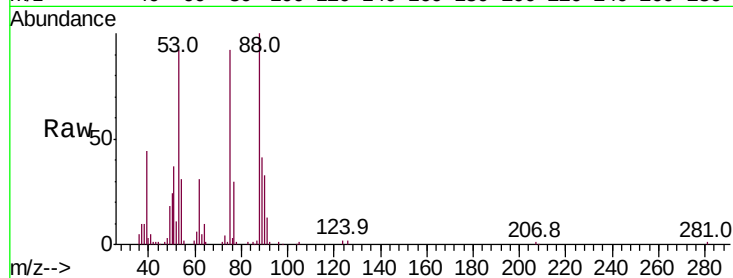
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 75 Resp: 67465

Ion	Ratio	Lower	Upper
75	100		
53	99.5	79.6	119.4
89	44.3	35.4	53.2



#82

4-Chlorotoluene

Concen: 54.756 ug/l

RT: 12.77 min Scan# 3420

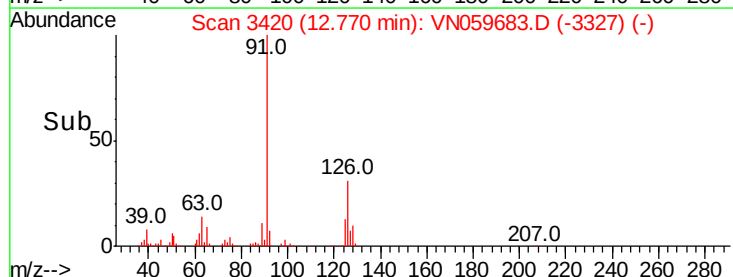
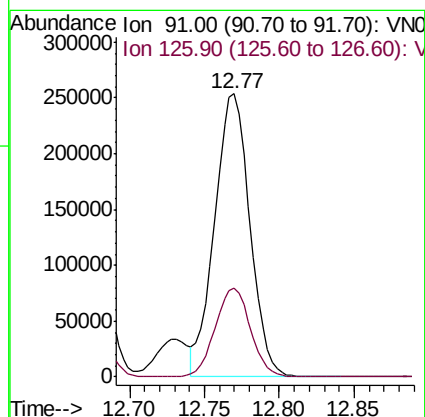
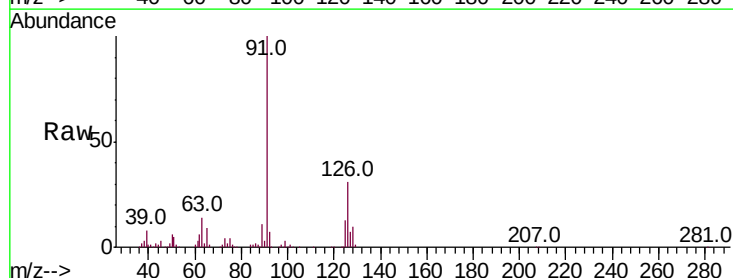
Delta R.T. 0.00 min

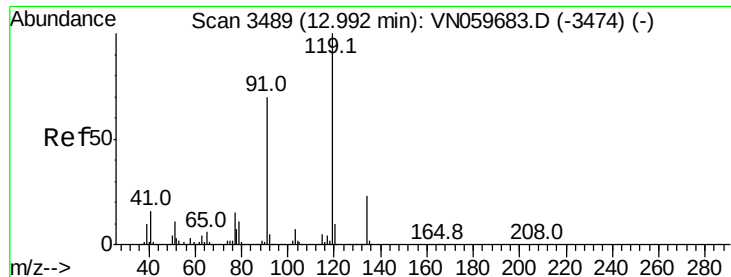
Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Tgt Ion: 91 Resp: 415609

Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.8	47.3





#83

tert-Butylbenzene

Concen: 50.108 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

ClientSampled :

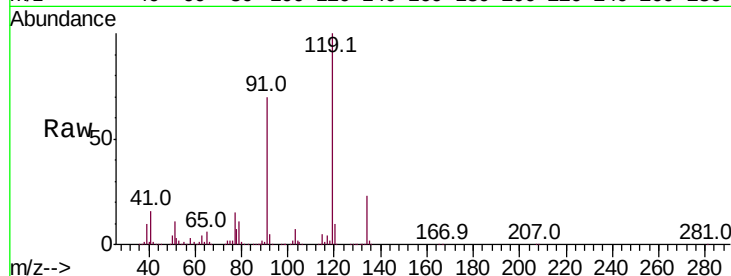
Tot Ion:119 Resp: 366023

Ion Ratio Lower Upper

119 100

91 70.3 35.1 105.5

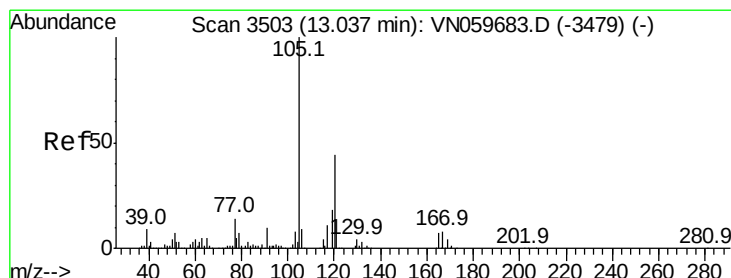
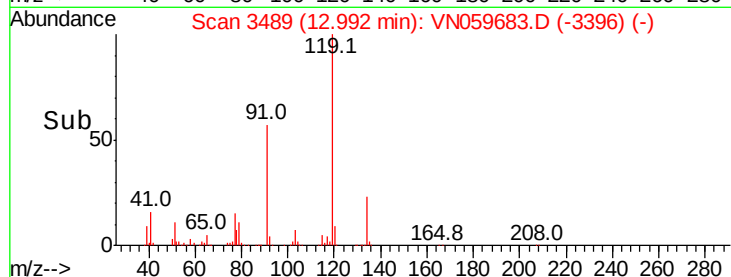
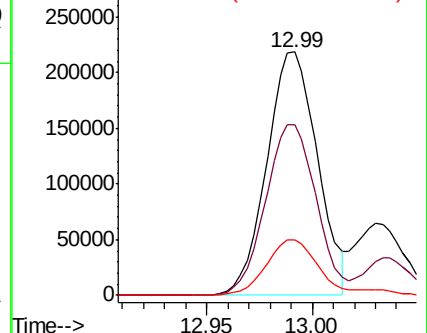
134 23.2 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.179 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059683.D

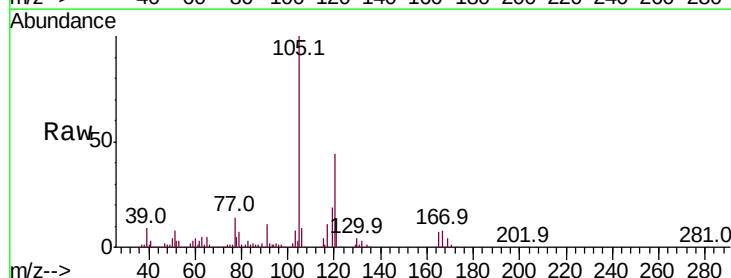
Acq: 20 Dec 2019 15:58

Tgt Ion:105 Resp: 490921

Ion Ratio Lower Upper

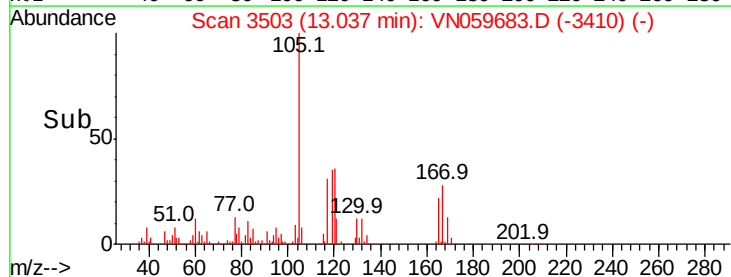
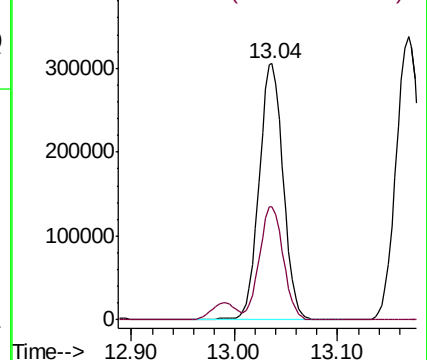
105 100

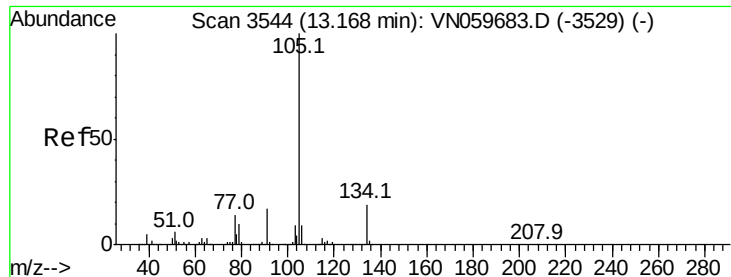
120 44.1 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.630 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

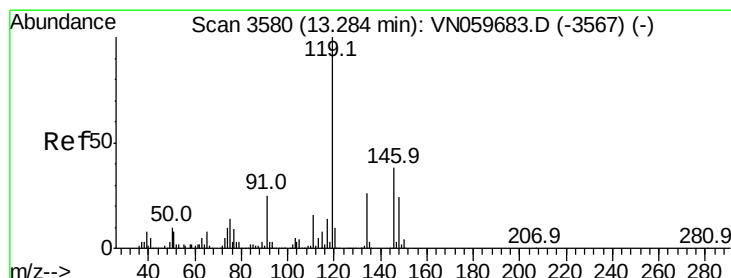
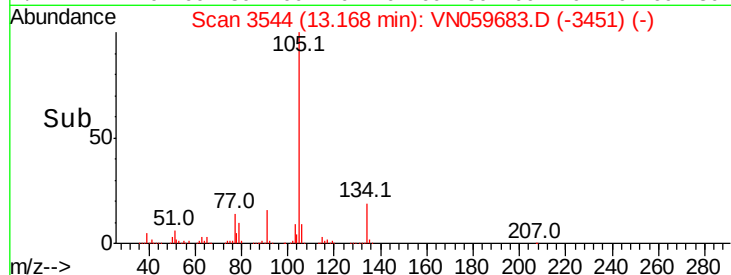
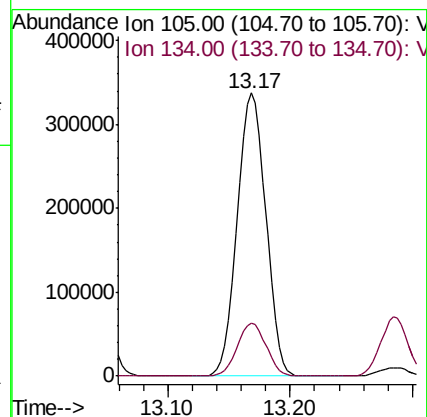
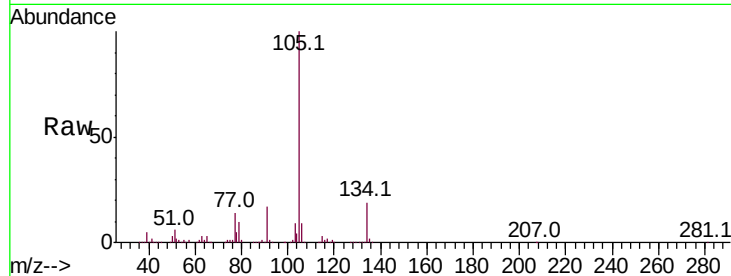
ClientSampleId :

Tot Ion:105 Resp: 549877

Ion Ratio Lower Upper

105 100

134 18.9 9.4 28.3



#86

p-Isopropyltoluene

Concen: 48.750 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

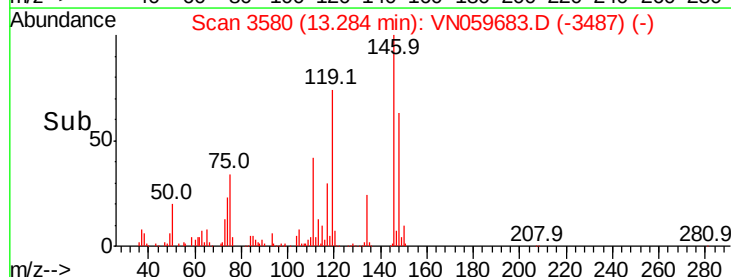
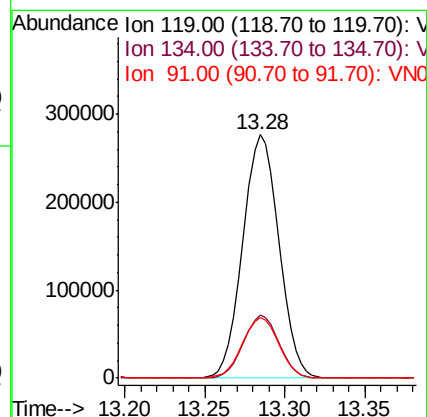
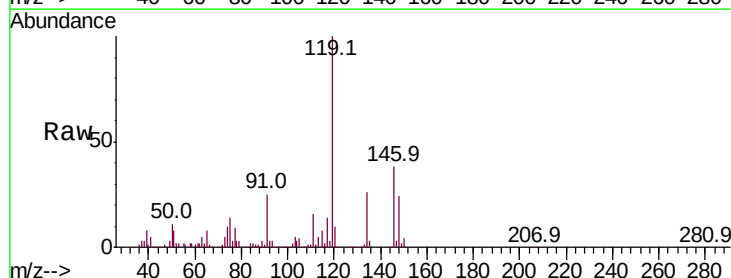
Tgt Ion:119 Resp: 424158

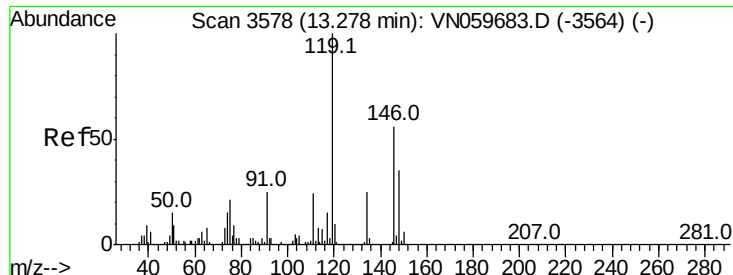
Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

91 25.1 12.6 37.6

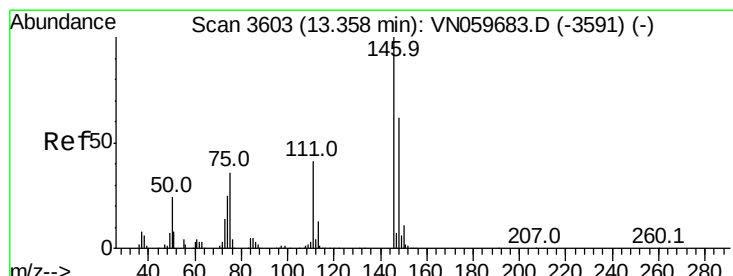
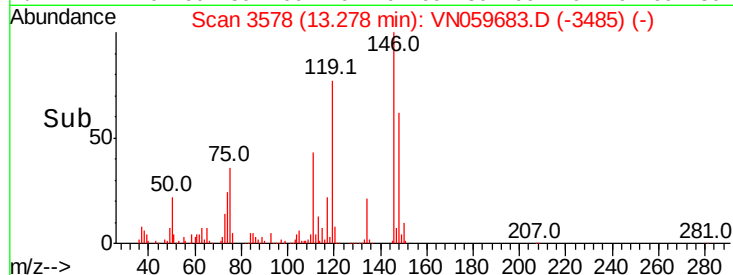
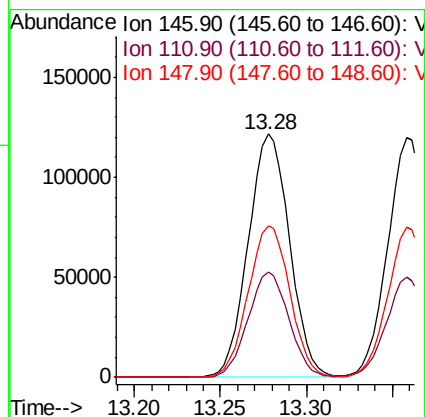
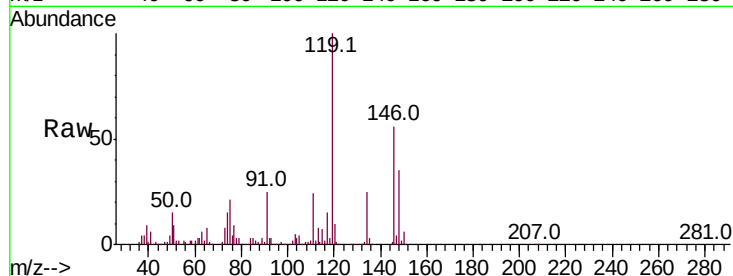




#87
 1,3-Dichlorobenzene
 Concen: 44.837 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

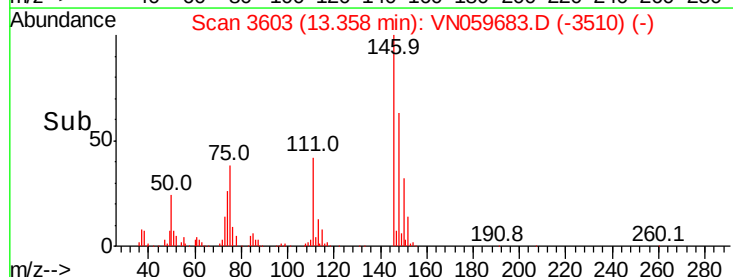
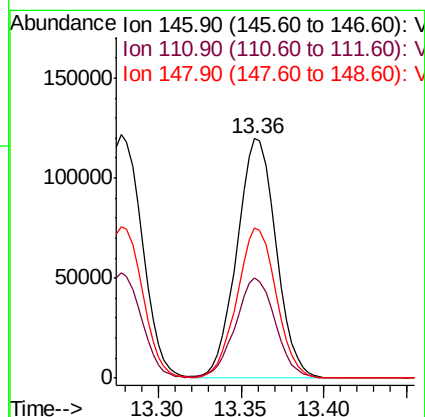
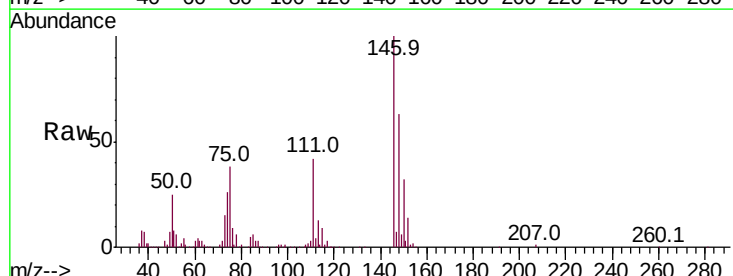
Instrument :
 MSVOA_X
 ClientSampleId :

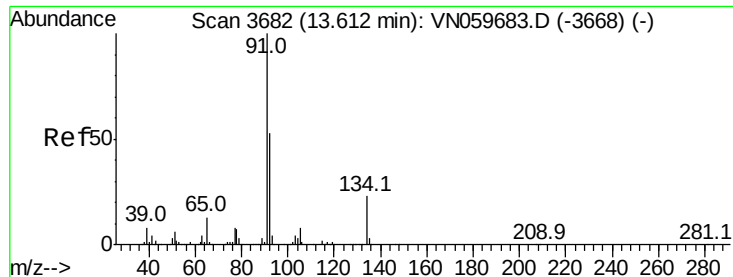
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	62.8	31.4	94.2



#88
 1,4-Dichlorobenzene
 Concen: 43.085 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.7
148	63.2	31.6	94.8





#89

n-Butylbenzene

Concen: 47.620 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059683.D

Acq: 20 Dec 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

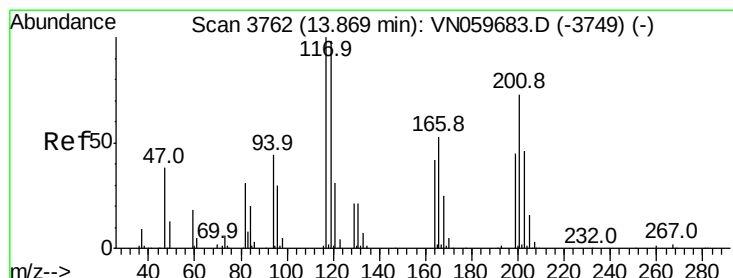
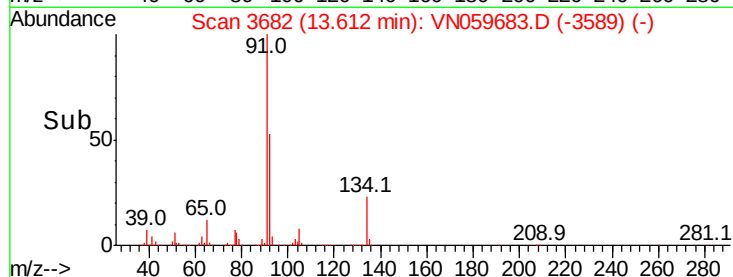
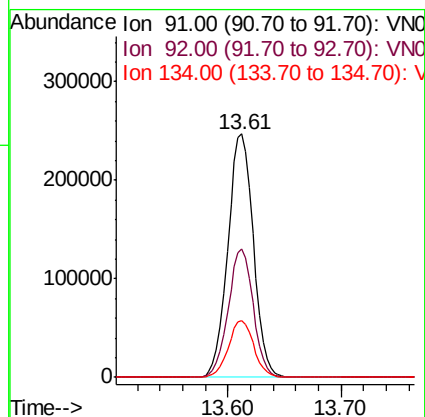
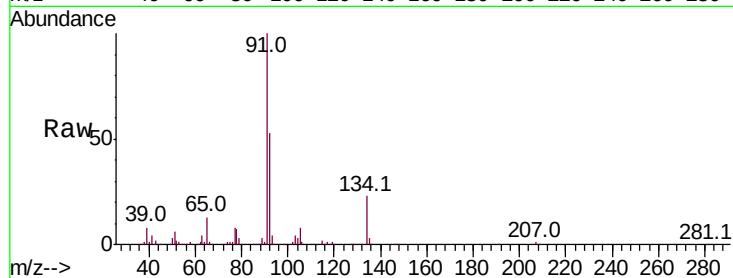
Tot Ion: 91 Resp: 387641

Ion Ratio Lower Upper

91 100

92 51.7 25.9 77.6

134 23.1 11.6 34.7



#90

Hexachloroethane

Concen: 52.039 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN059683.D

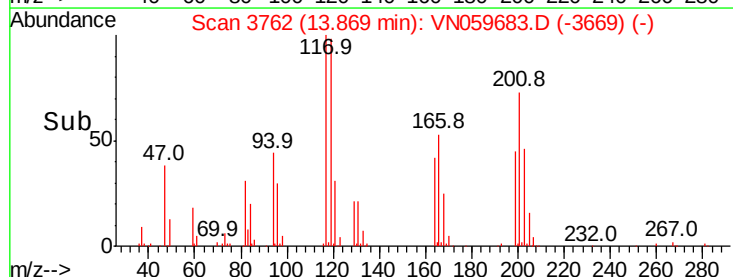
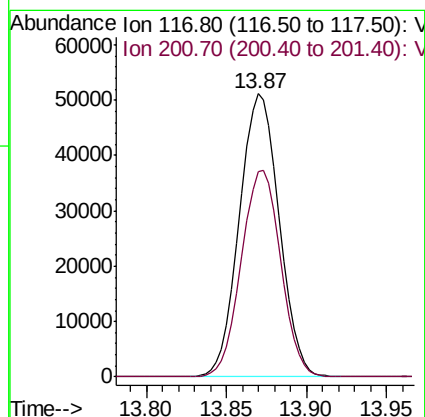
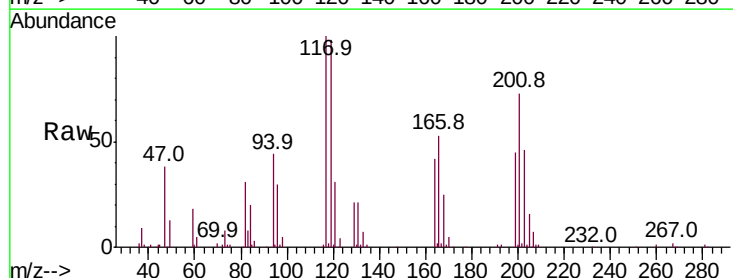
Acq: 20 Dec 2019 15:58

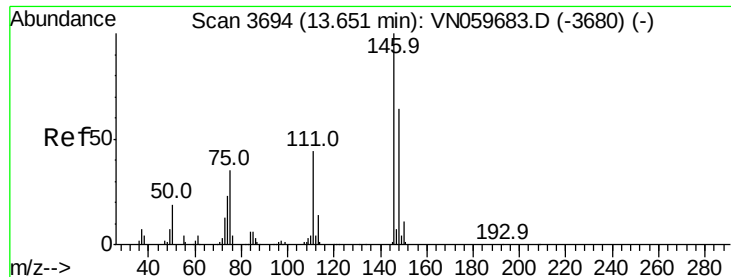
Tgt Ion: 117 Resp: 86843

Ion Ratio Lower Upper

117 100

201 72.4 36.2 108.6

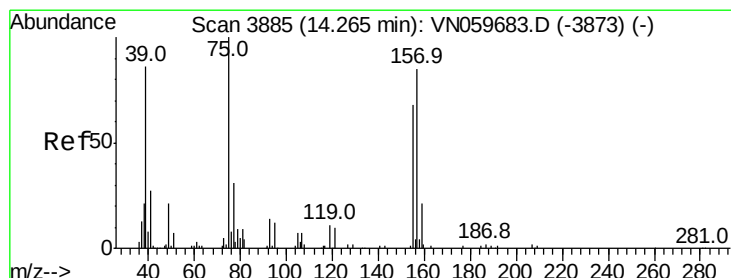
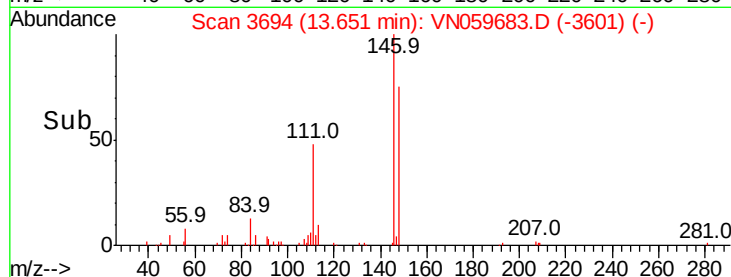
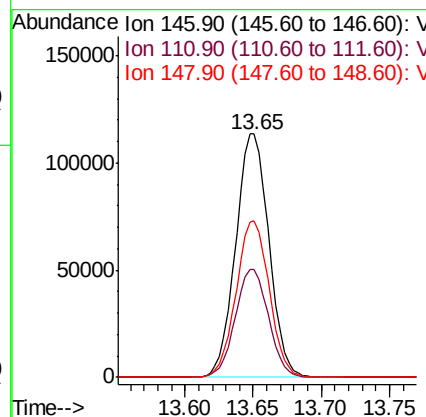
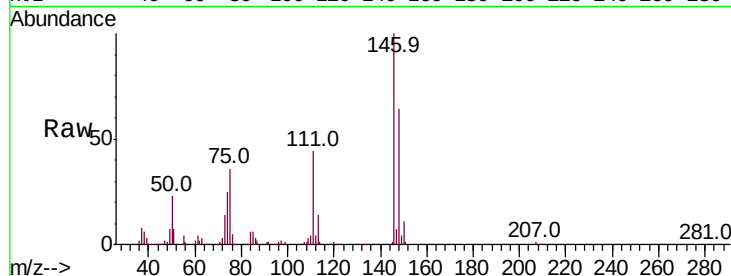




#91
 1,2-Dichlorobenzene
 Concen: 43.310 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

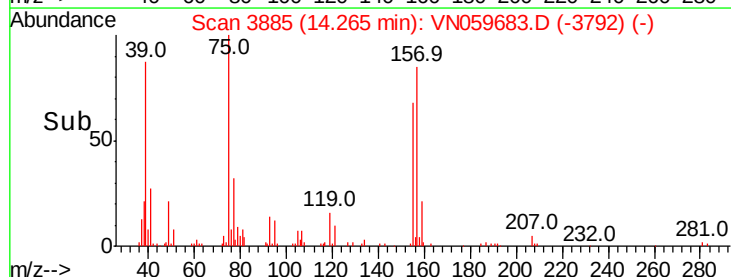
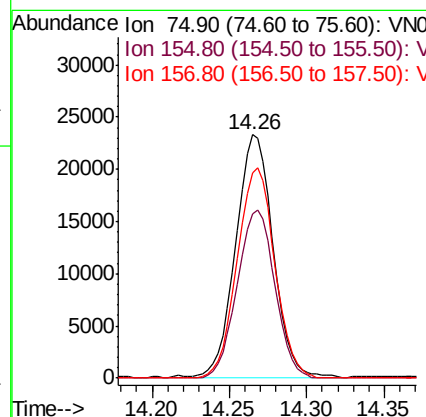
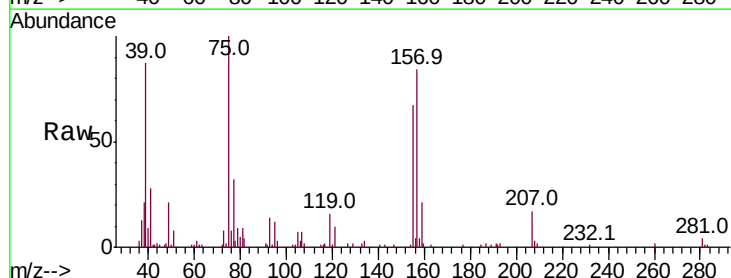
Instrument :
 MSVOA_X
 ClientSampleId :

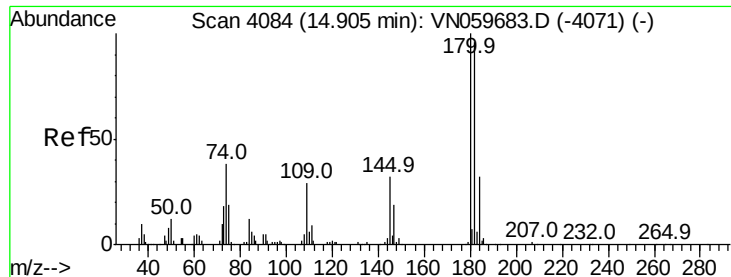
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.2	66.6
148	64.2	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.479 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.0	34.5	103.5
157	86.5	43.3	129.8

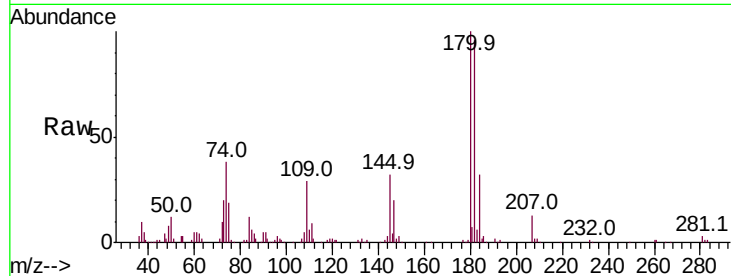




#93
 1,2,4-Trichlorobenzene
 Concen: 41.681 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.4
145	31.3	15.7	47.0

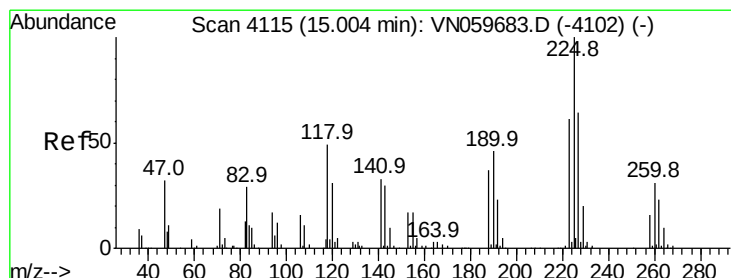
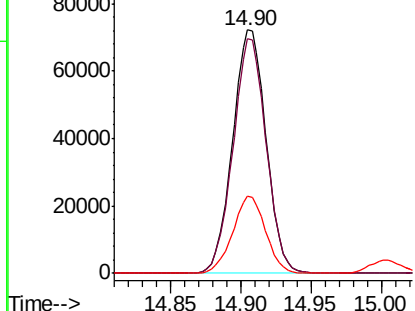
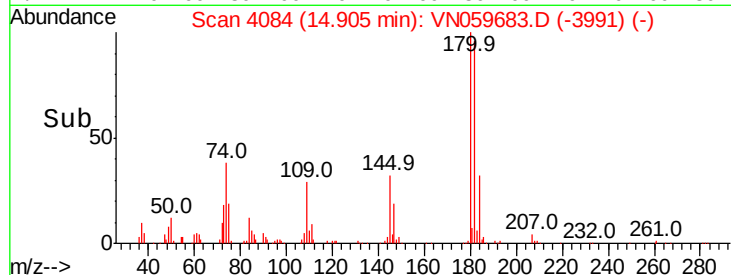


Abundance

Ion 179.80 (179.50 to 180.50): V

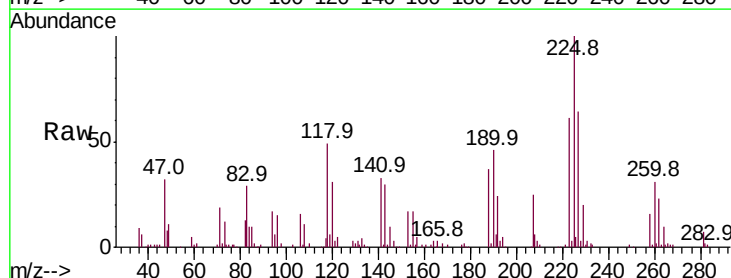
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 40.002 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN059683.D
 Acq: 20 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.0	93.0
227	64.3	32.1	96.5

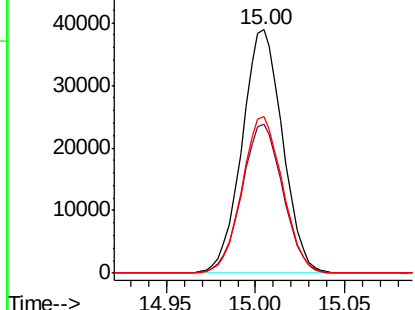
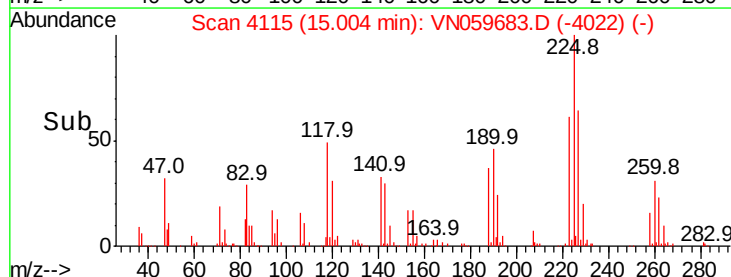


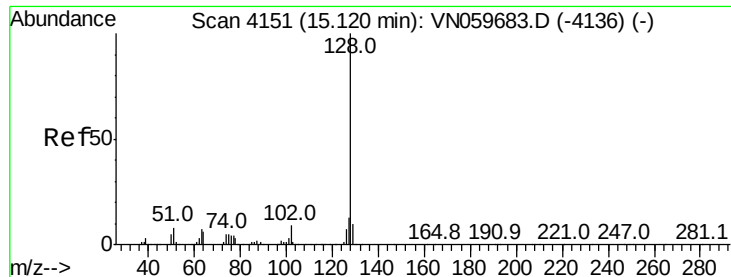
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

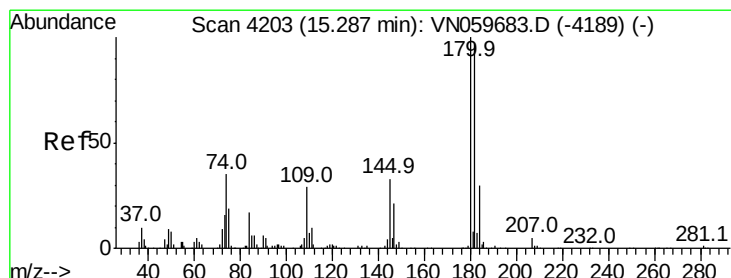
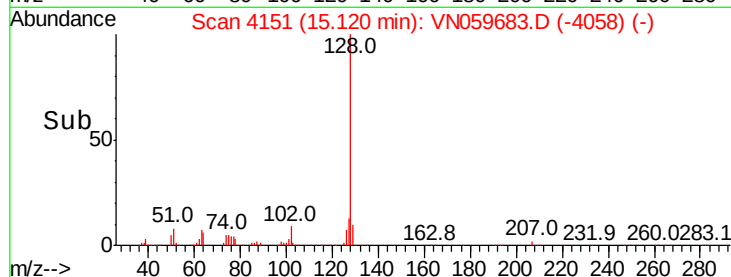
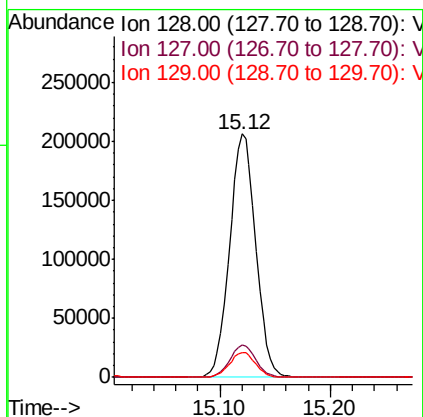
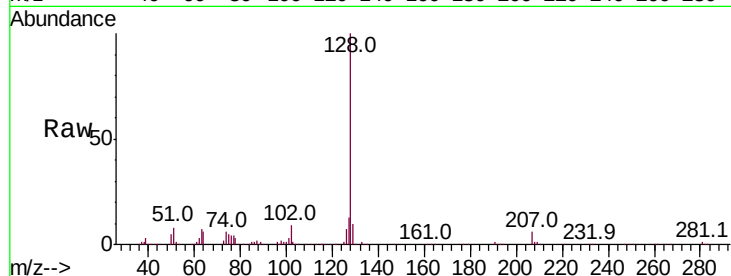




#95
Naphthalene
Concen: 39.807 ug/l
RT: 15.12 min Scan# 4151
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.4	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 42.316 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN059683.D
Acq: 20 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.7
145	33.2	16.6	49.8

