

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062420\NOT REVIEWED DATA\
 Data File : VN062060.D
 Acq On : 24 Jun 2020 11:18
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 24 15:16:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:12:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	277600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	477553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	455715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225627	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	394792	101.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.68%	
35) Dibromofluoromethane	7.55	113	316788	103.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.80%	
50) Toluene-d8	10.06	98	1307240	106.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.48%	
62) 4-Bromofluorobenzene	12.38	95	454047	109.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	285887	91.111	ug/l	100
3) Chloromethane	2.03	50	363014	99.596	ug/l	99
4) Vinyl Chloride	2.16	62	450811	91.232	ug/l	99
5) Bromomethane	2.51	94	295500	92.529	ug/l	96
6) Chloroethane	2.65	64	307671	91.148	ug/l	99
7) Trichlorofluoromethane	2.97	101	560277	92.018	ug/l	99
8) Diethyl Ether	3.37	74	201569	94.806	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	286810	89.951	ug/l	99
10) Methyl Iodide	3.91	142	370866	103.279	ug/l	100
11) Tert butyl alcohol	4.74	59	270602	483.796	ug/l	100
12) 1,1-Dichloroethene	3.69	96	298877	93.765	ug/l	99
13) Acrolein	3.56	56	273529	499.489	ug/l	98
14) Allyl chloride	4.27	41	426853	98.359	ug/l	100
15) Acrylonitrile	4.93	53	743177	487.586	ug/l	100
16) Acetone	3.77	43	580679	478.584	ug/l	99
17) Carbon Disulfide	4.00	76	893843	97.854	ug/l	100
18) Methyl Acetate	4.27	43	278789	90.025	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1002103	98.386	ug/l	100
20) Methylene Chloride	4.50	84	349037	97.807	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	333936	91.963	ug/l	95
22) Diisopropyl ether	5.90	45	968921	98.057	ug/l	99
23) Vinyl Acetate	5.84	43	4140379	513.219	ug/l	99
24) 1,1-Dichloroethane	5.80	63	590447	92.795	ug/l	100
25) 2-Butanone	6.78	43	930046	488.432	ug/l	100
26) 2,2-Dichloropropane	6.78	77	500950	94.477	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	385050	94.235	ug/l	99
28) Bromochloromethane	7.15	49	271998	98.523	ug/l	99
29) Tetrahydrofuran	7.17	42	618957	496.235	ug/l	99
30) Chloroform	7.33	83	598332	92.423	ug/l	100
31) Cyclohexane	7.61	56	511912	95.112	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	517860	94.854	ug/l	100
36) 1,1-Dichloropropene	7.75	75	470563	98.031	ug/l	99
37) Ethyl Acetate	6.88	43	398897	100.357	ug/l	99
38) Carbon Tetrachloride	7.73	117	436596	96.475	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062420\NOT REVIEWED DATA\
 Data File : VN062060.D
 Acq On : 24 Jun 2020 11:18
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 24 15:16:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:12:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	543388	103.317	ug/l	99
40) Benzene	8.00	78	1418433	96.950	ug/l	98
41) Methacrylonitrile	7.13	41	179520	97.421	ug/l	95
42) 1,2-Dichloroethane	8.08	62	473787	95.848	ug/l	100
43) Isopropyl Acetate	8.13	43	676656	104.430	ug/l #	90
44) Trichloroethene	8.80	130	351379	95.209	ug/l	100
45) 1,2-Dichloropropane	9.08	63	357055	98.923	ug/l	100
46) Dibromomethane	9.17	93	240120	98.120	ug/l	99
47) Bromodichloromethane	9.37	83	493012	99.774	ug/l	99
48) Methyl methacrylate	9.17	41	311431	107.196	ug/l	99
49) 1,4-Dioxane	9.17	88	134152	2082.230	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	2026540	535.315	ug/l	99
52) Toluene	10.12	92	912547	102.225	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	567951	104.474	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	610277	105.443	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	351871	100.275	ug/l	99
56) Ethyl methacrylate	10.40	69	530821	113.351	ug/l	99
57) 1,3-Dichloropropane	10.68	76	605597	100.265	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	995844	483.400	ug/l	100
59) 2-Hexanone	10.72	43	1516026	554.580	ug/l	99
60) Dibromochloromethane	10.87	129	382512	102.961	ug/l	98
61) 1,2-Dibromoethane	10.98	107	365054	101.245	ug/l	99
64) Tetrachloroethene	10.60	164	287581	92.382	ug/l	97
65) Chlorobenzene	11.41	112	960294	95.957	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	338516	97.822	ug/l	100
67) Ethyl Benzene	11.48	91	1750805	103.588	ug/l	100
68) m/p-Xylenes	11.60	106	1347547	206.134	ug/l	100
69) o-Xylene	11.92	106	646542	104.823	ug/l	99
70) Styrene	11.94	104	1122998	109.171	ug/l	99
71) Bromoform	12.10	173	257158	104.518	ug/l #	98
73) Isopropylbenzene	12.22	105	1710023	97.910	ug/l	100
74) N-amyl acetate	12.05	43	644398	96.871	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	523729	90.111	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	685342	121.591	ug/l #	100
77) Bromobenzene	12.50	156	396562	91.456	ug/l	97
78) n-propylbenzene	12.57	91	1995945	99.908	ug/l	100
79) 2-Chlorotoluene	12.65	91	1155363	95.663	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1434795	101.339	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	190577	104.784	ug/l	99
82) 4-Chlorotoluene	12.75	91	1231680	98.618	ug/l	98
83) tert-Butylbenzene	12.97	119	1197764	98.852	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	1444751	102.171	ug/l	99
85) sec-Butylbenzene	13.15	105	1611379	100.643	ug/l	100
86) p-Isopropyltoluene	13.26	119	1480578	105.549	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	738697	97.017	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	734997	93.645	ug/l	99
89) n-Butylbenzene	13.59	91	1269190	108.830	ug/l	100
90) Hexachloroethane	13.85	117	269144	97.794	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	701205	94.970	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	94237	101.215	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062420\NOT REVIEWED DATA\
Data File : VN062060.D
Acq On : 24 Jun 2020 11:18
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Quant Time: Jun 24 15:16:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:12:07 2020
Response via : Initial Calibration

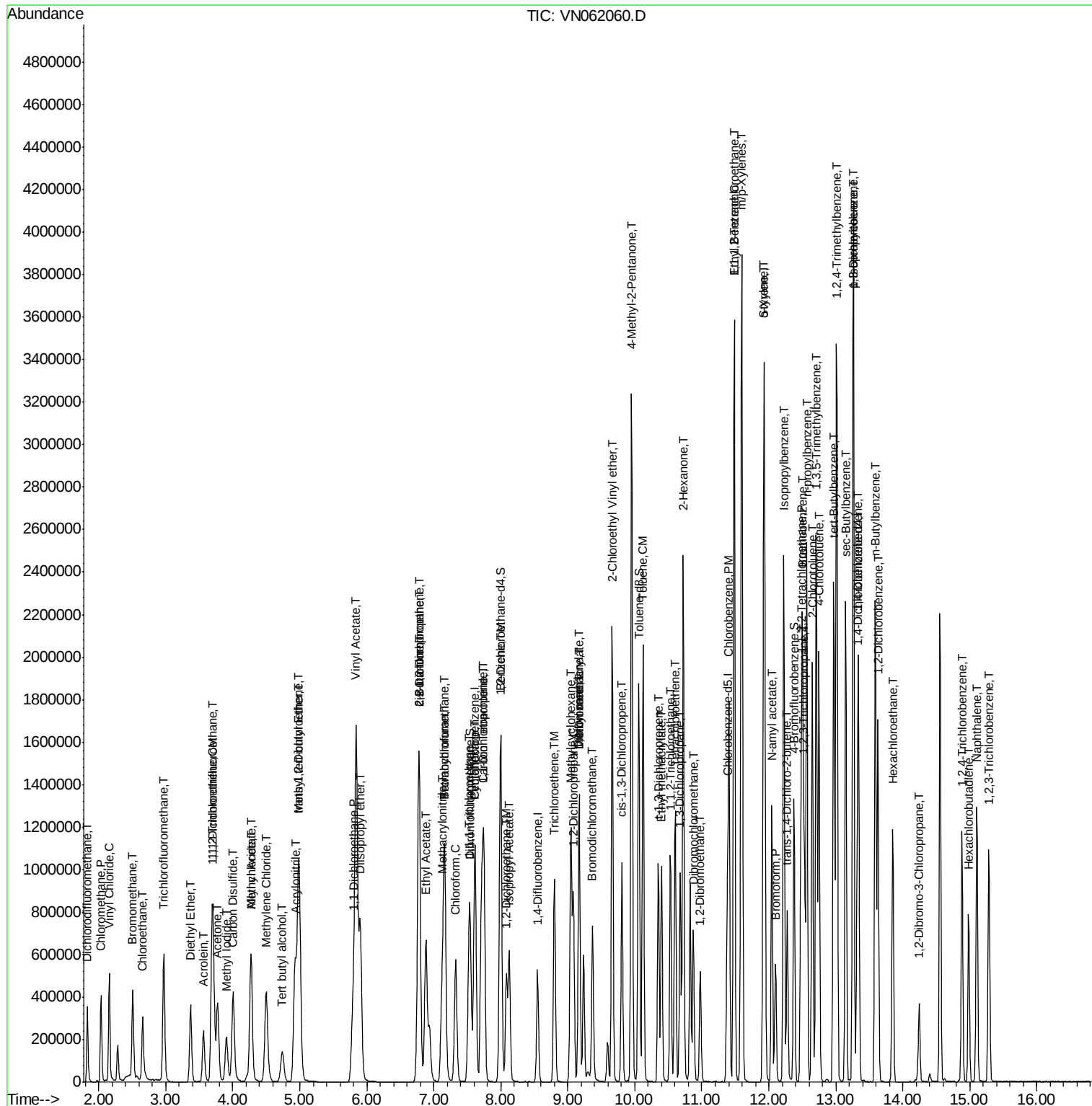
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	358077	111.015	ug/l	98
94) Hexachlorobutadiene	14.98	225	132924	94.883	ug/l	98
95) Naphthalene	15.10	128	1095317	97.705	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	354897	107.606	ug/l	99

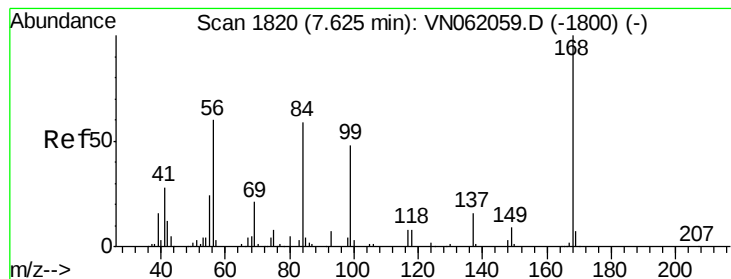
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN062420\NOT REVIEWED DATA\
Data File : VN062060.D
Acq On : 24 Jun 2020 11:18
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC100

Quant Time: Jun 24 15:16:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:12:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

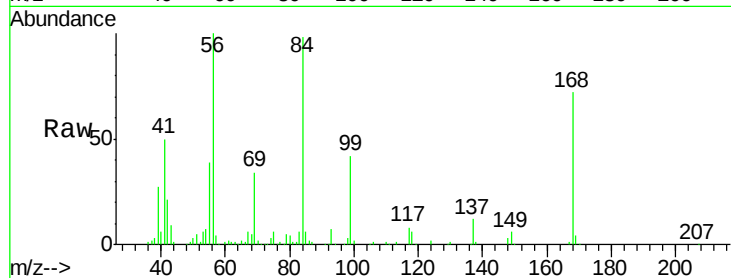
VSTDIC100

Tgt Ion: 168 Resp: 277600

Ion Ratio Lower Upper

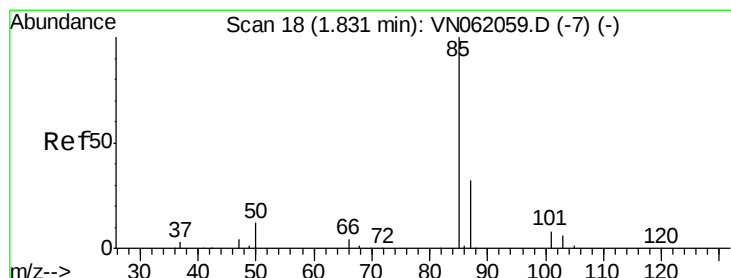
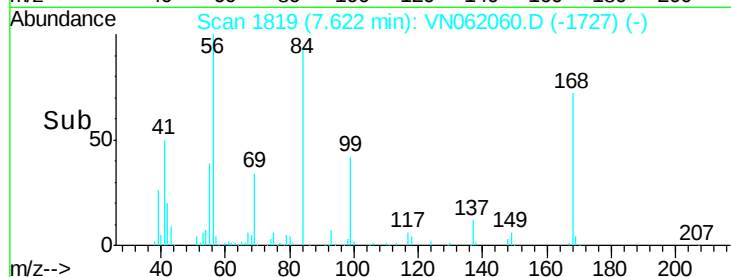
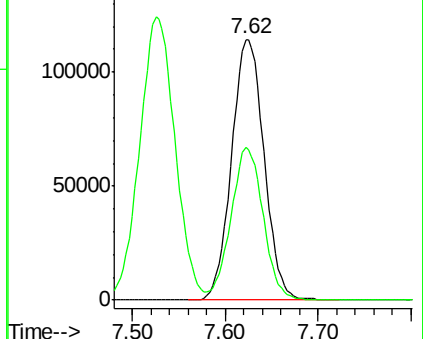
168 100

99 58.6 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 91.111 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062060.D

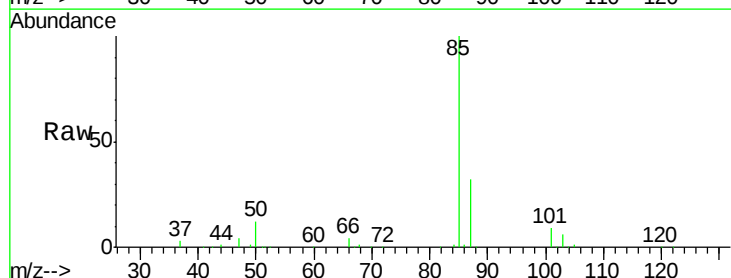
Acq: 24 Jun 2020 11:18

Tgt Ion: 85 Resp: 285887

Ion Ratio Lower Upper

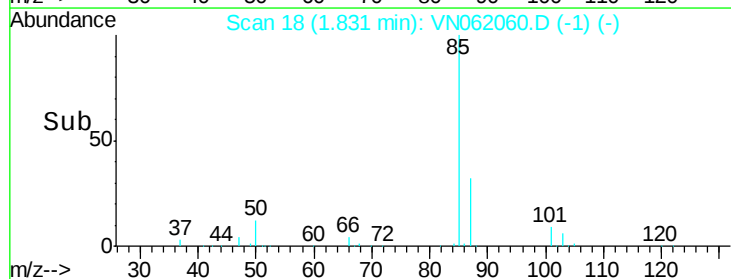
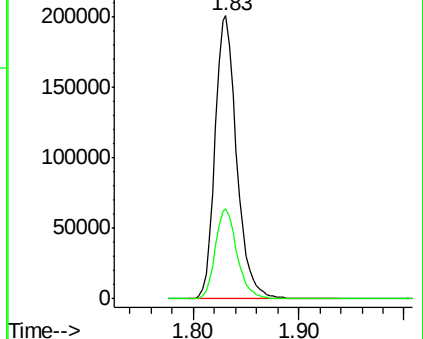
85 100

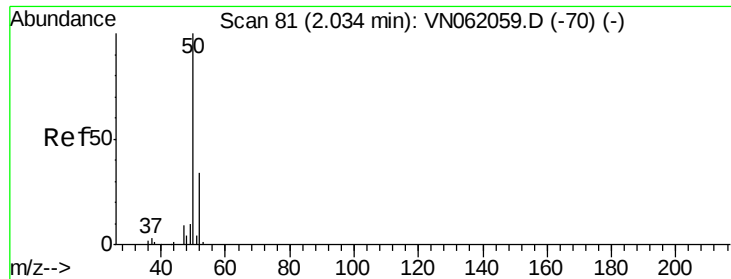
87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 99.596 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

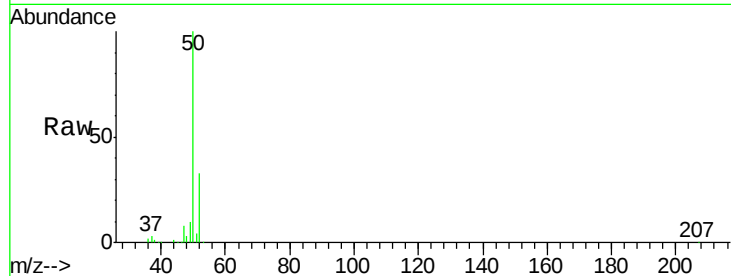
VSTDIC100

Tgt Ion: 50 Resp: 363014

Ion Ratio Lower Upper

50 100

52 33.4 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VN062059.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN062059.D (-70) (-)

2.03

250000

200000

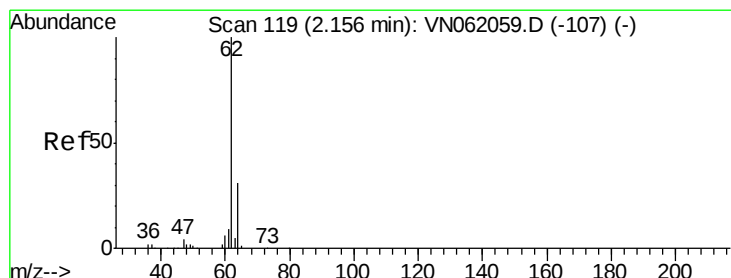
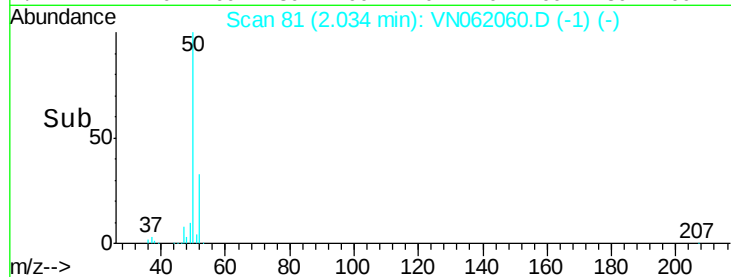
150000

100000

50000

0

Time--> 1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 91.232 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062060.D

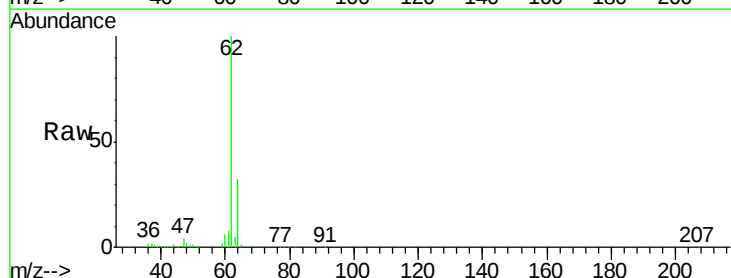
Acq: 24 Jun 2020 11:18

Tgt Ion: 62 Resp: 450811

Ion Ratio Lower Upper

62 100

64 32.0 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN062059.D (-107) (-)

Ion 63.90 (63.60 to 64.60): VN062059.D (-107) (-)

2.16

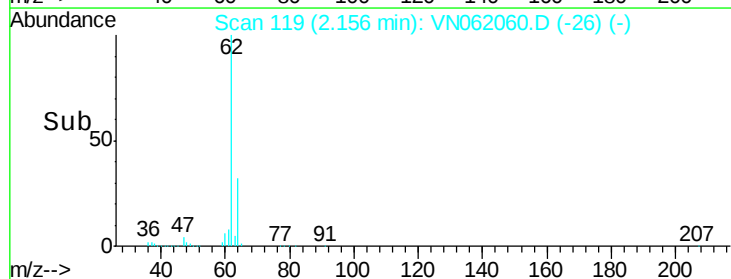
300000

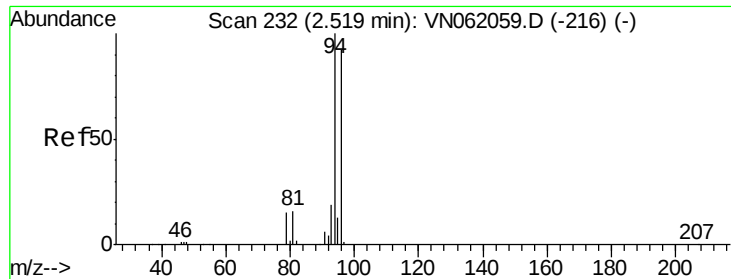
200000

100000

0

Time--> 2.10 2.20 2.30





#5

Bromomethane

Concen: 92.529 ug/l

RT: 2.51 min Scan# 228

Delta R.T. -0.01 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

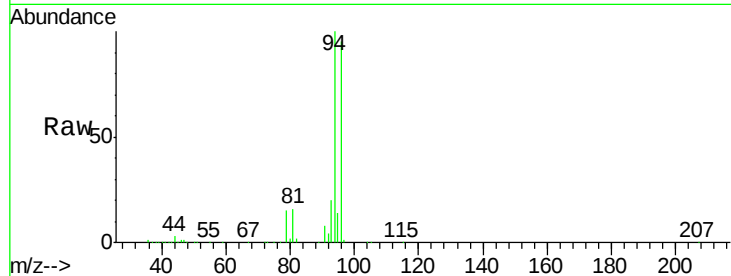
VSTDIC100

Tgt Ion: 94 Resp: 295500

Ion Ratio Lower Upper

94 100

96 95.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062059.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062059.D (-216) (-)

2.51

150000

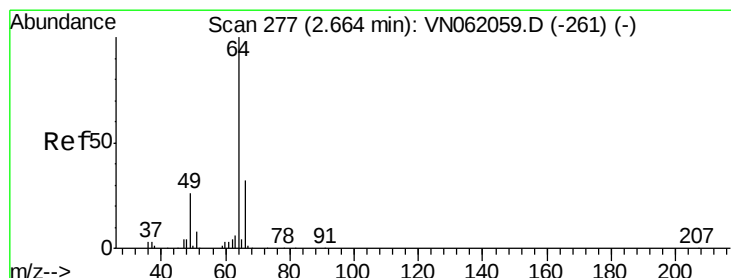
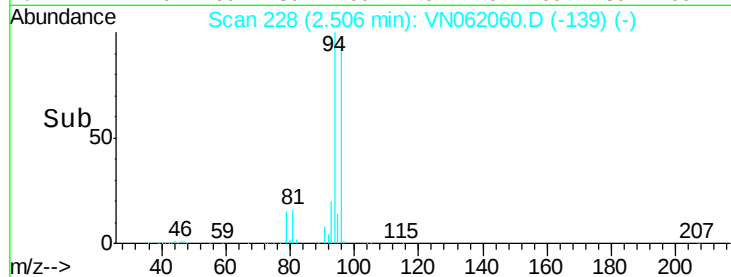
100000

50000

0

2.45 2.50 2.55

Time-->



#6

Chloroethane

Concen: 91.148 ug/l

RT: 2.65 min Scan# 274

Delta R.T. -0.01 min

Lab File: VN062060.D

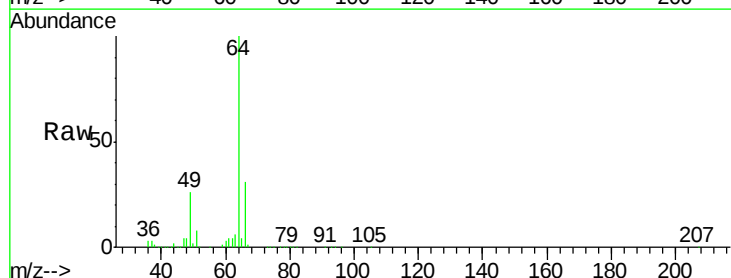
Acq: 24 Jun 2020 11:18

Tgt Ion: 64 Resp: 307671

Ion Ratio Lower Upper

64 100

66 31.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062059.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062059.D (-261) (-)

2.65

150000

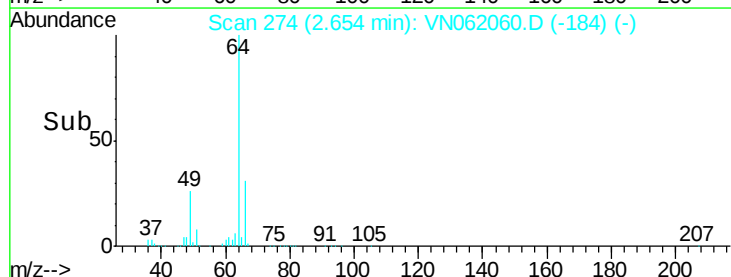
100000

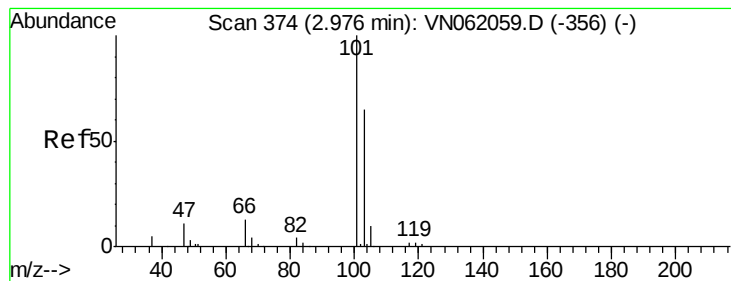
50000

0

2.60 2.70 2.80

Time-->



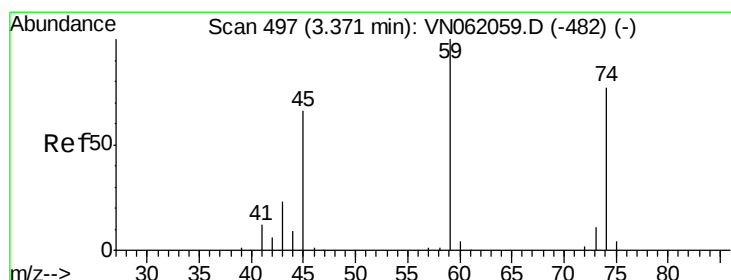
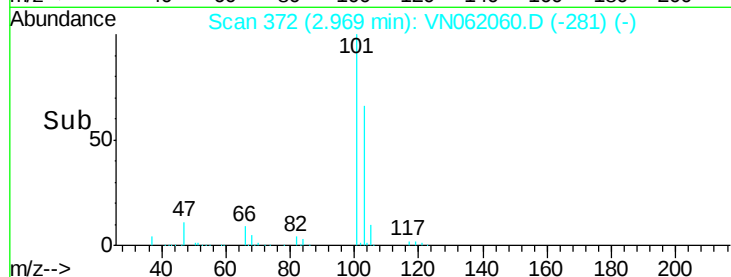
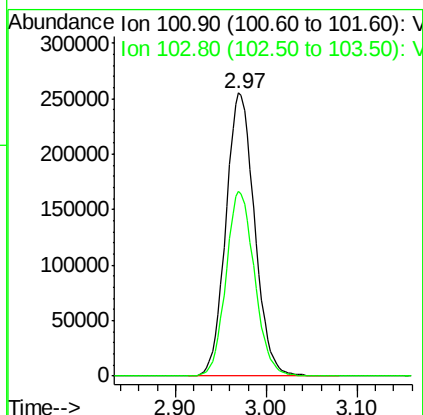
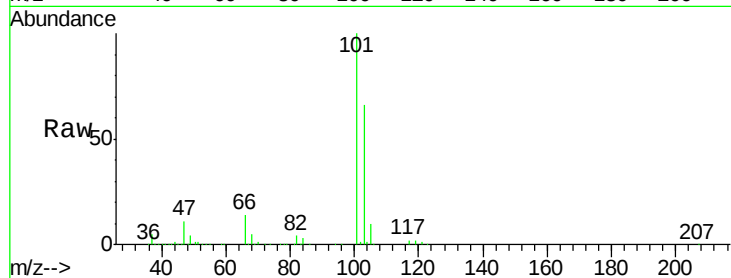


#7

Trichlorofluoromethane
 Concen: 92.018 ug/l
 RT: 2.97 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

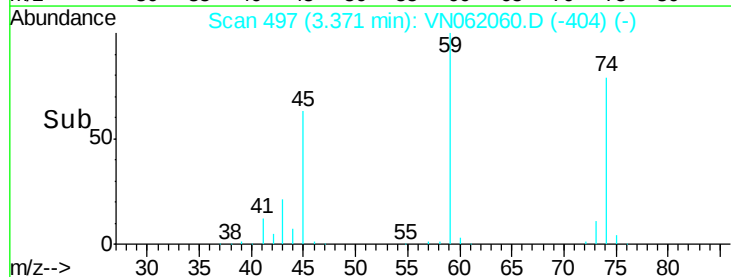
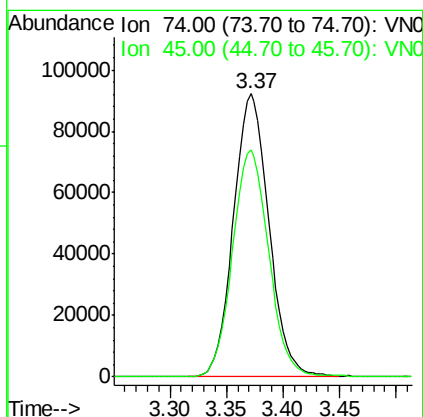
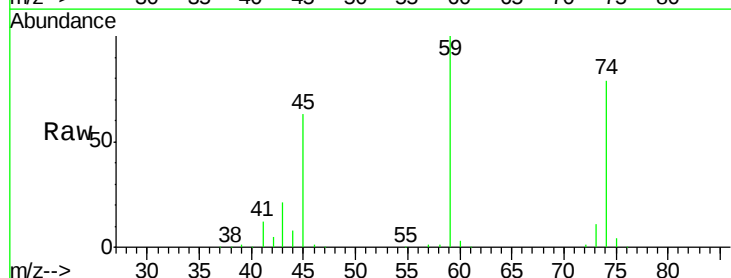
Tgt Ion: 101 Resp: 560277
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.8 77.6

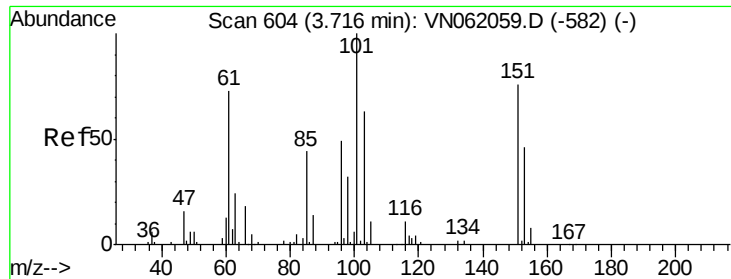


#8

Diethyl Ether
 Concen: 94.806 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion: 74 Resp: 201569
 Ion Ratio Lower Upper
 74 100
 45 81.7 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 89.951 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

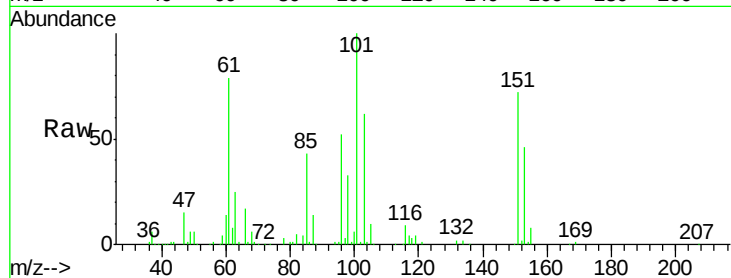
Tgt Ion:101 Resp: 286810

Ion Ratio Lower Upper

101 100

85 44.1 34.5 51.7

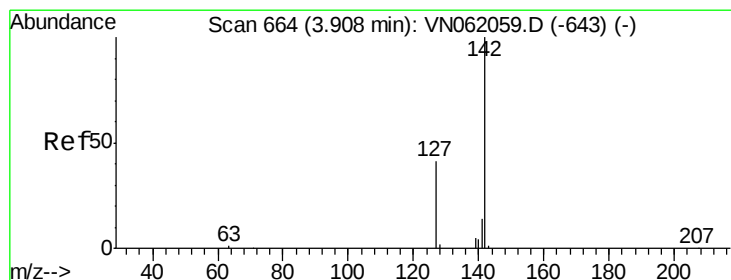
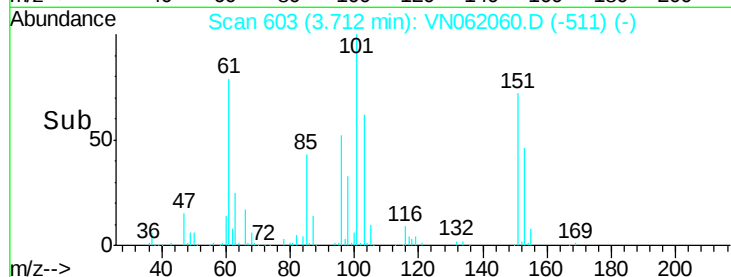
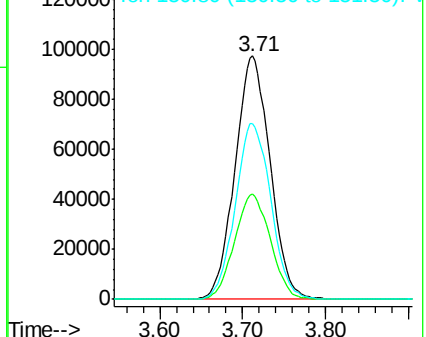
151 72.9 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 103.279 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

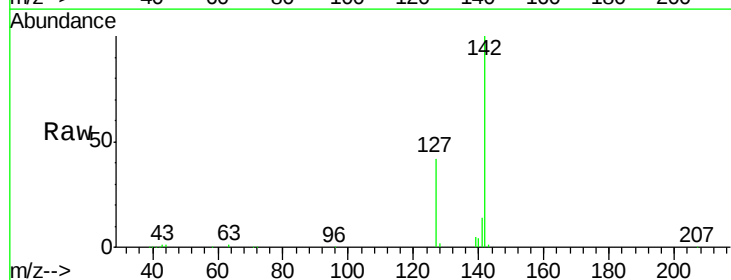
Tgt Ion:142 Resp: 370866

Ion Ratio Lower Upper

142 100

127 41.8 33.6 50.4

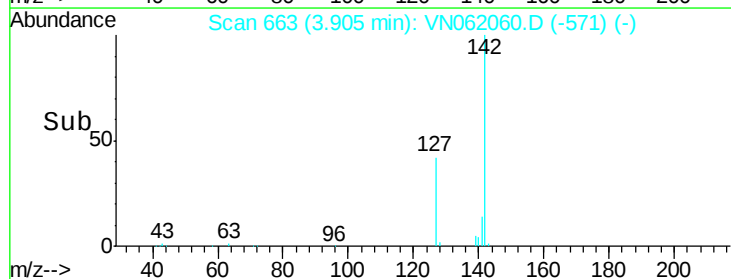
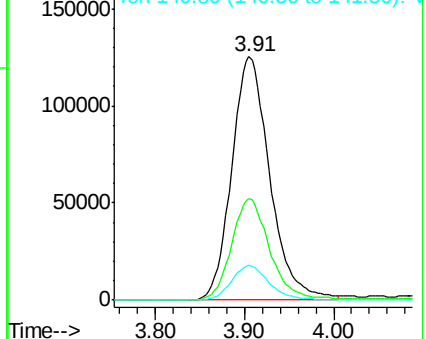
141 14.0 11.3 16.9

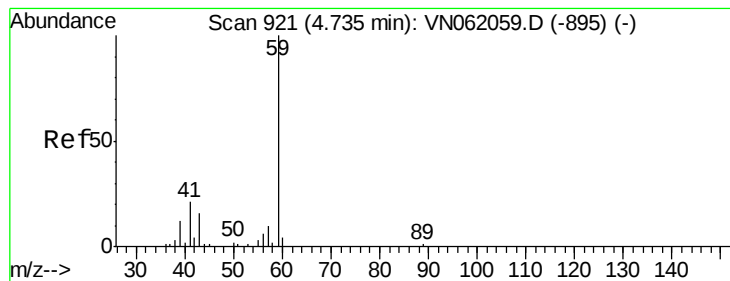


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 483.796 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

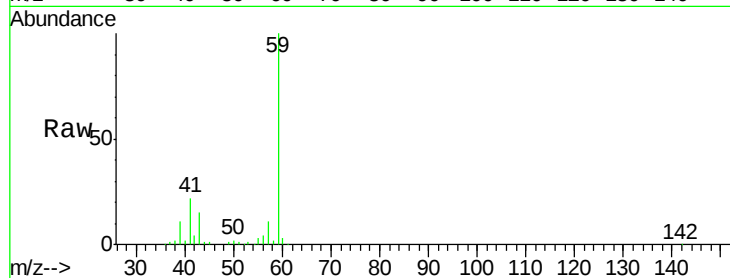
VSTDIC100

Tgt Ion: 59 Resp: 270602

Ion Ratio Lower Upper

59 100

57 10.4 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN062059.D (-895) (-)

Ion 57.00 (56.70 to 57.70): VN062059.D (-895) (-)

4.74

80000

60000

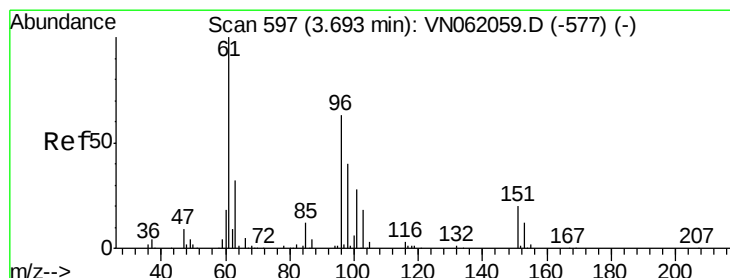
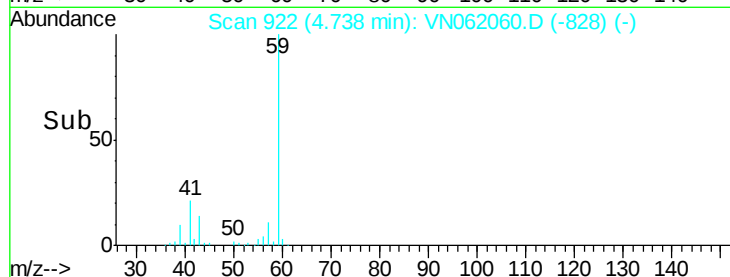
40000

20000

0

Time-->

4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 93.765 ug/l

RT: 3.69 min Scan# 596

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

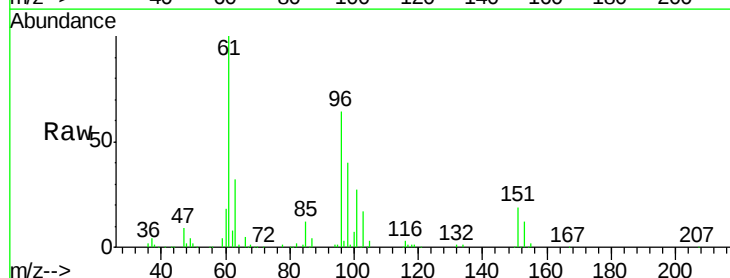
Tgt Ion: 96 Resp: 298877

Ion Ratio Lower Upper

96 100

61 156.9 126.7 190.1

98 62.9 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-577) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-577) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-577) (-)

250000

200000

150000

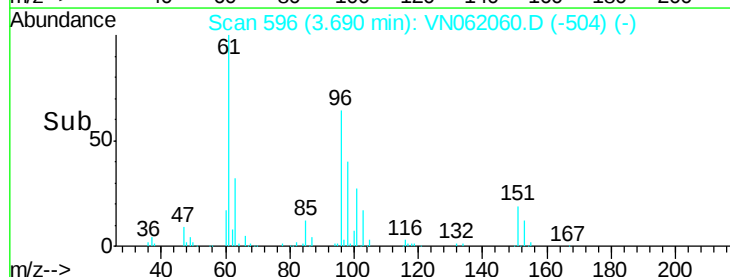
100000

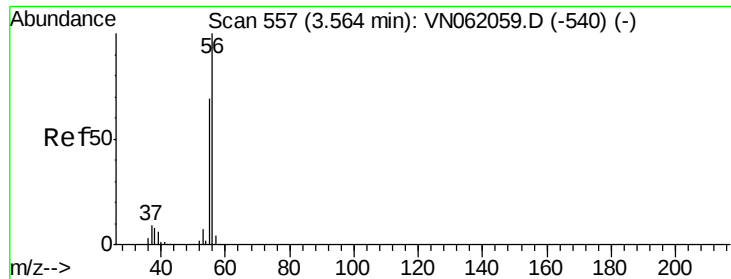
50000

0

Time-->

3.60 3.70 3.80





#13

Acrolein

Concen: 499.489 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

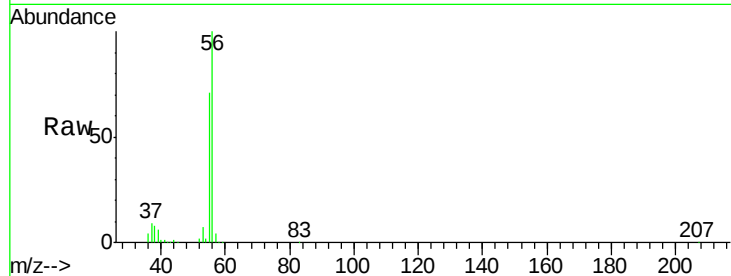
VSTDIC100

Tgt Ion: 56 Resp: 273529

Ion Ratio Lower Upper

56 100

55 70.7 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062059.D (-540) (-)

3.56

120000

100000

80000

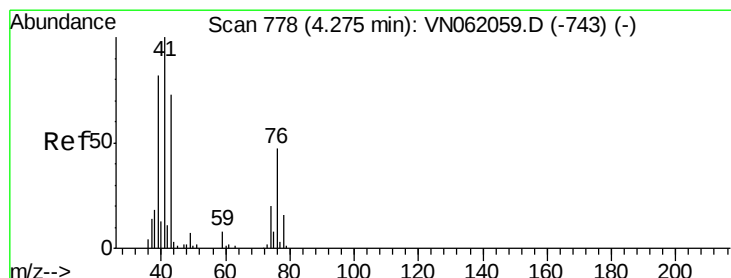
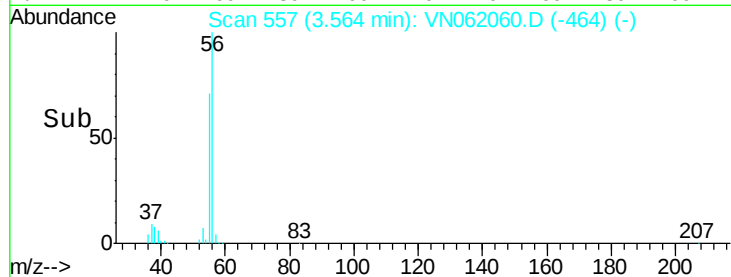
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 98.359 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

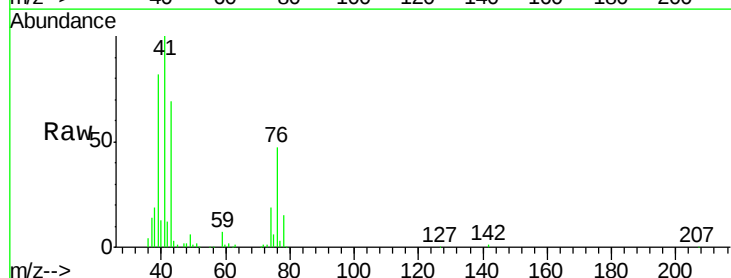
Tgt Ion: 41 Resp: 426853

Ion Ratio Lower Upper

41 100

39 75.2 60.0 90.0

76 42.7 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-743) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-743) (-)

Ion 75.90 (75.60 to 76.60): VN062059.D (-743) (-)

4.27

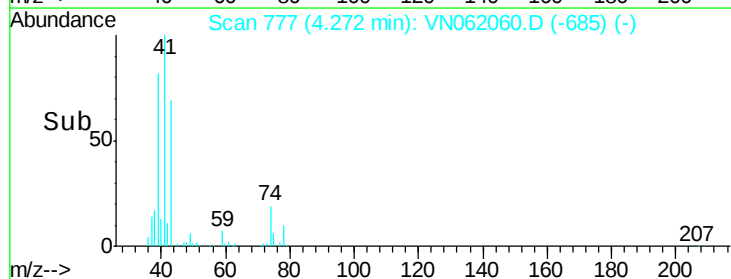
150000

100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 487.586 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

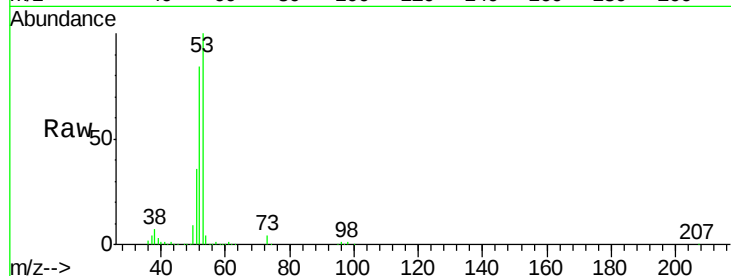
Tgt Ion: 53 Resp: 743177

Ion Ratio Lower Upper

53 100

52 83.0 66.2 99.4

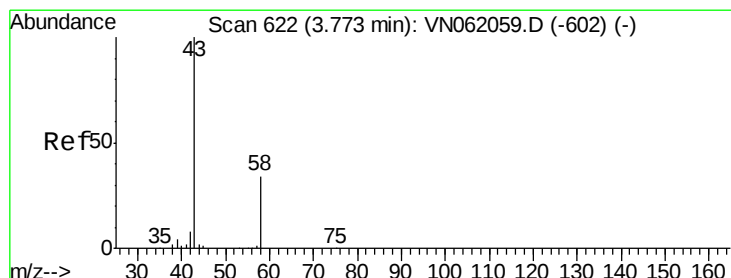
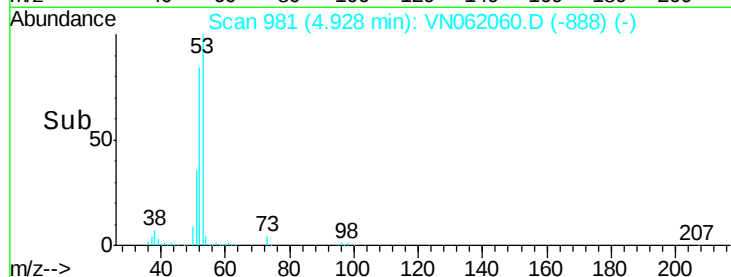
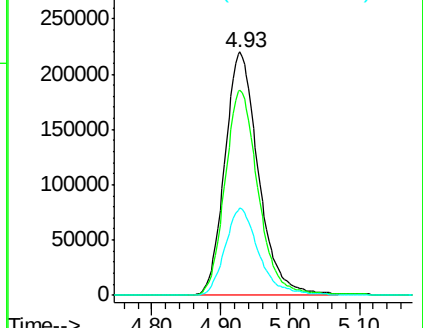
51 36.2 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062059.D (-959) (-)

Ion 52.00 (51.70 to 52.70): VN062059.D (-959) (-)

Ion 51.00 (50.70 to 51.70): VN062059.D (-959) (-)



#16

Acetone

Concen: 478.584 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062060.D

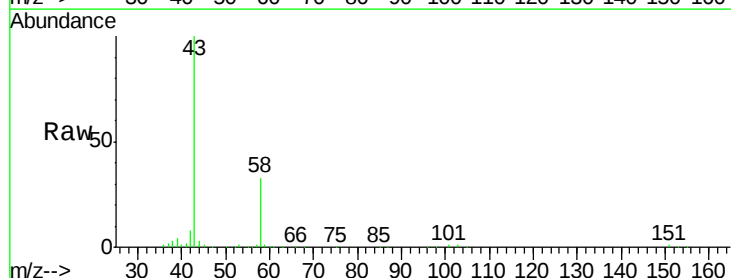
Acq: 24 Jun 2020 11:18

Tgt Ion: 43 Resp: 580679

Ion Ratio Lower Upper

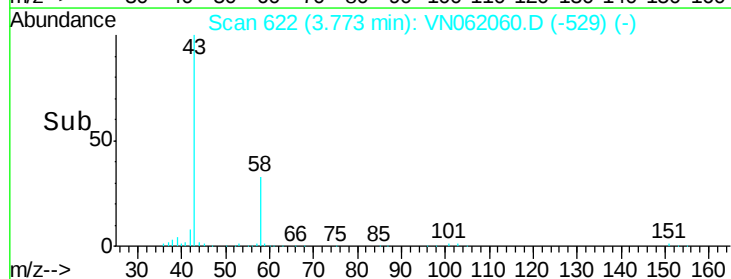
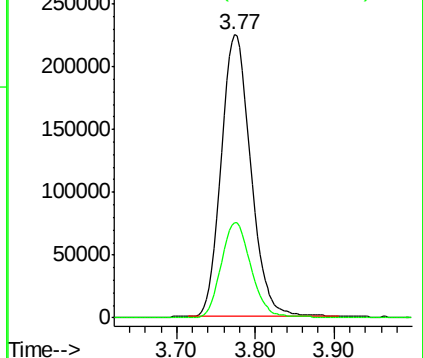
43 100

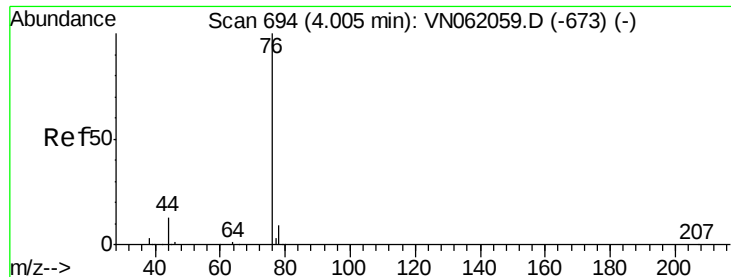
58 33.6 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-602) (-)





#17

Carbon Disulfide

Concen: 97.854 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

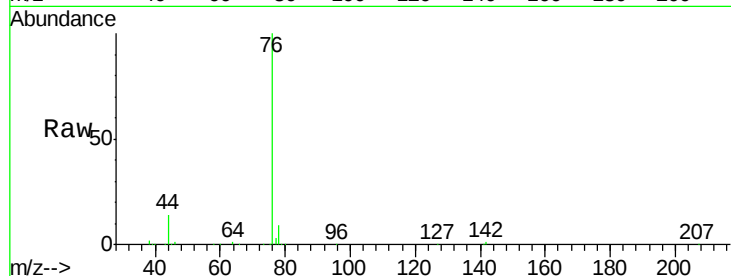
VSTDIC100

Tgt Ion: 76 Resp: 893843

Ion Ratio Lower Upper

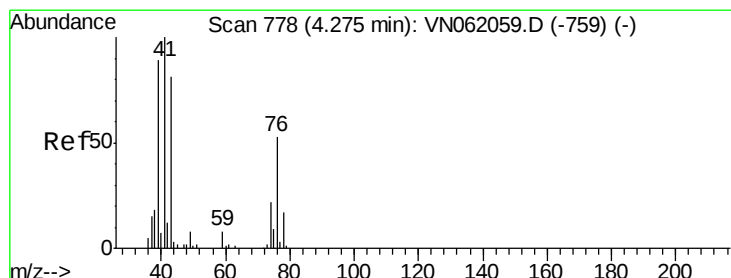
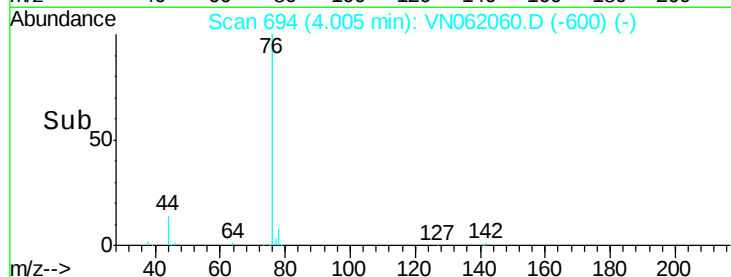
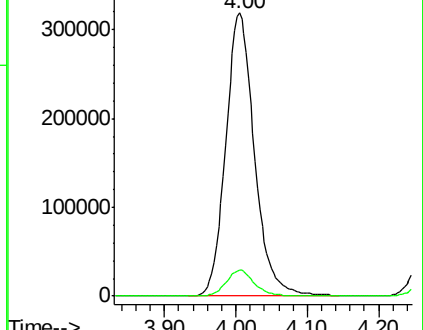
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062060.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062060.D (-600) (-)



#18

Methyl Acetate

Concen: 90.025 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062060.D

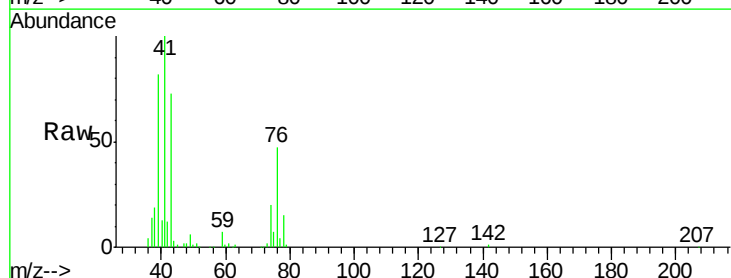
Acq: 24 Jun 2020 11:18

Tgt Ion: 43 Resp: 278789

Ion Ratio Lower Upper

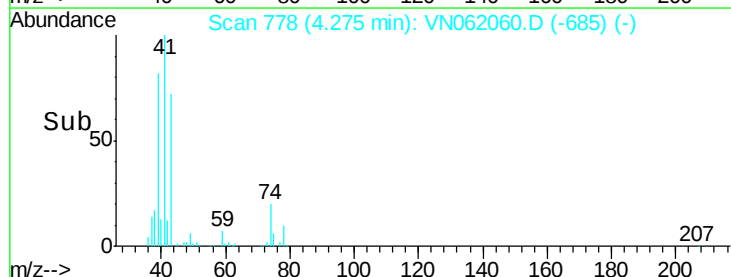
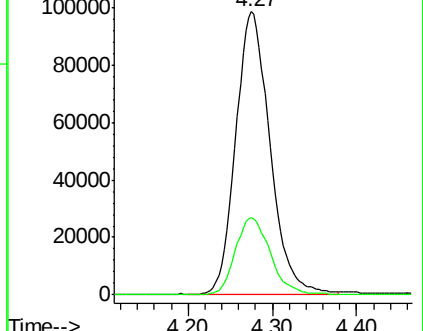
43 100

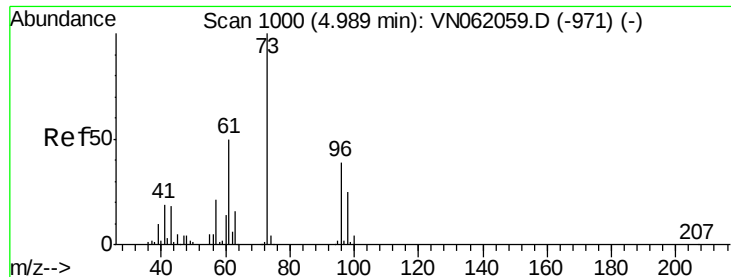
74 28.1 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062060.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062060.D (-685) (-)

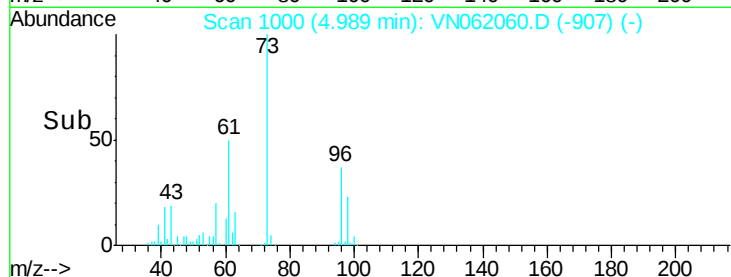
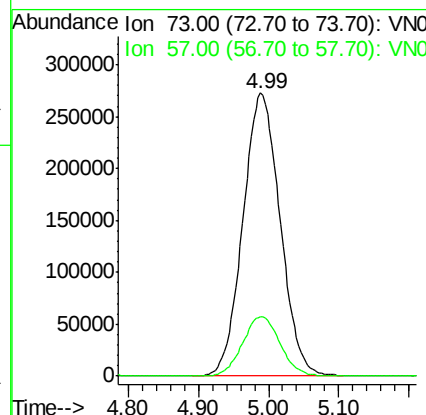
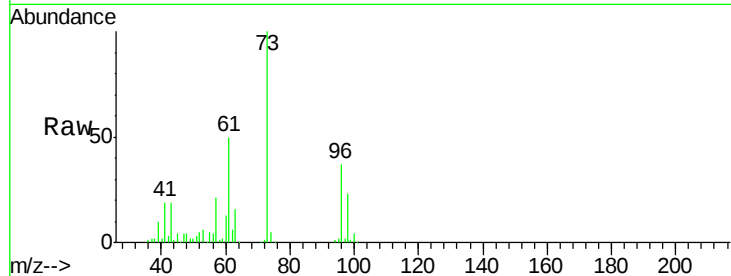




#19
Methyl tert-butyl Ether
Concen: 98.386 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

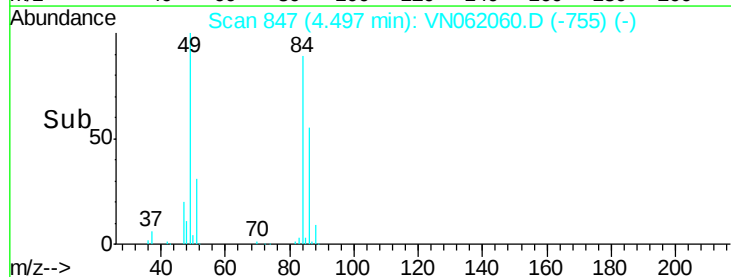
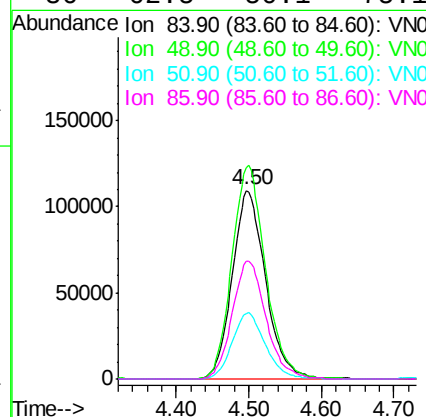
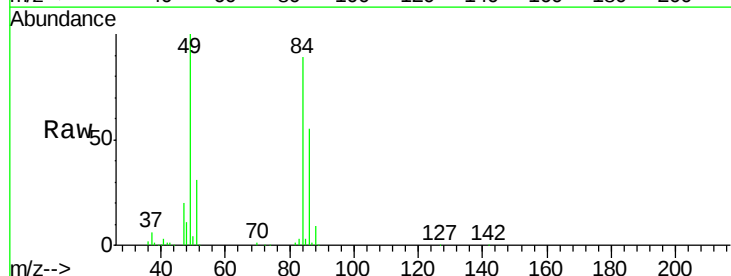
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

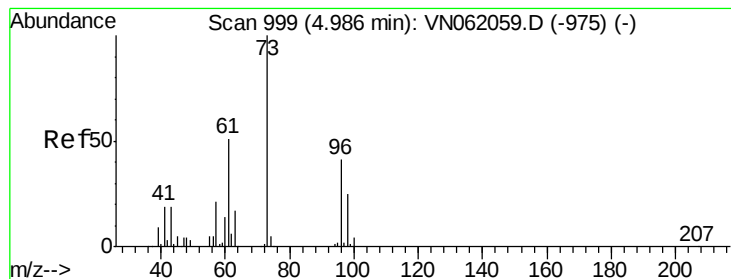
Tgt Ion: 73 Resp: 1002103
Ion Ratio Lower Upper
73 100
57 20.8 16.6 24.8



#20
Methylene Chloride
Concen: 97.807 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion: 84 Resp: 349037
Ion Ratio Lower Upper
84 100
49 112.6 90.6 136.0
51 34.8 27.8 41.8
86 62.5 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 91.963 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

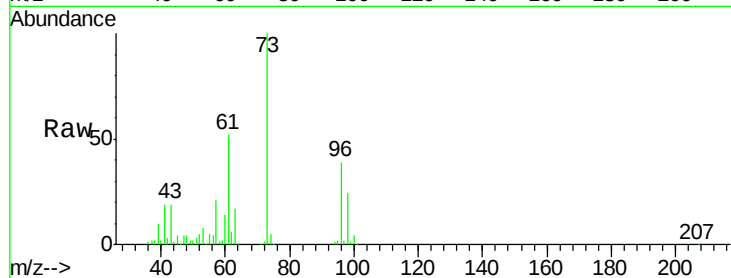
Tgt Ion: 96 Resp: 333936

Ion Ratio Lower Upper

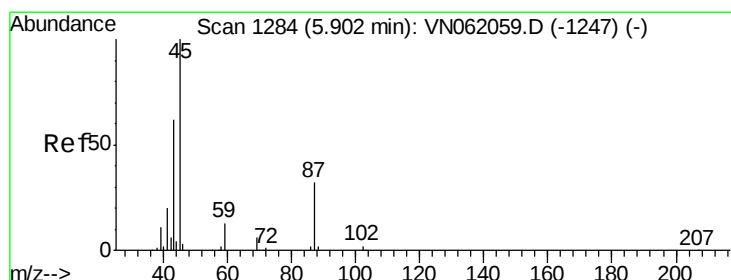
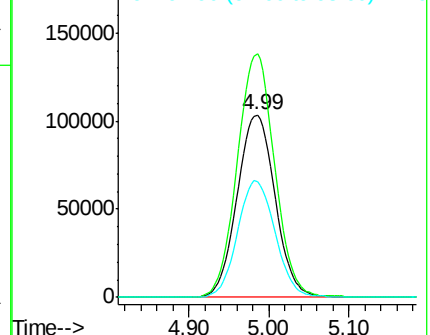
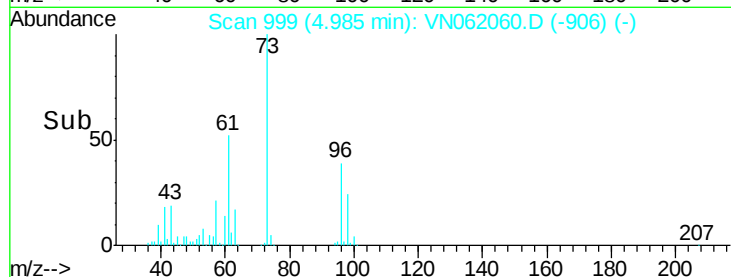
96 100

61 133.6 101.4 152.2

98 63.2 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN062060.D (-906) (-)



#22

Diisopropyl ether

Concen: 98.057 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Tgt Ion: 45 Resp: 968921

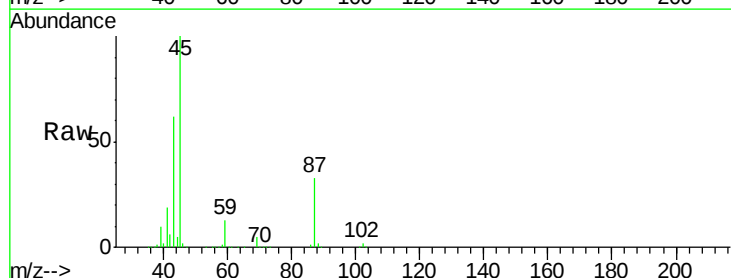
Ion Ratio Lower Upper

45 100

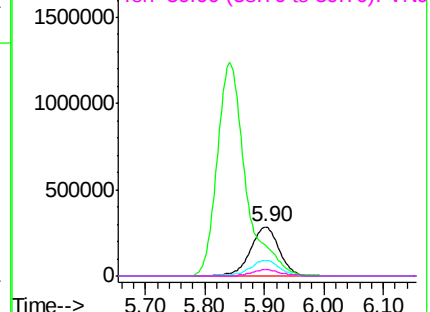
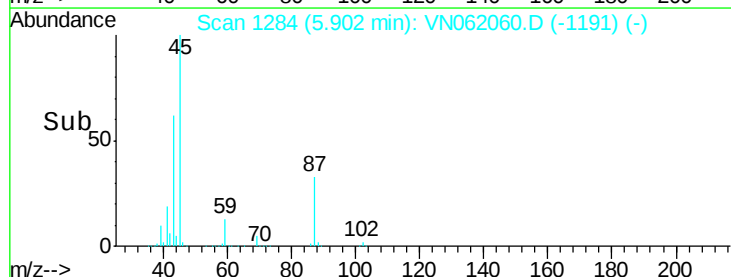
43 61.2 49.7 74.5

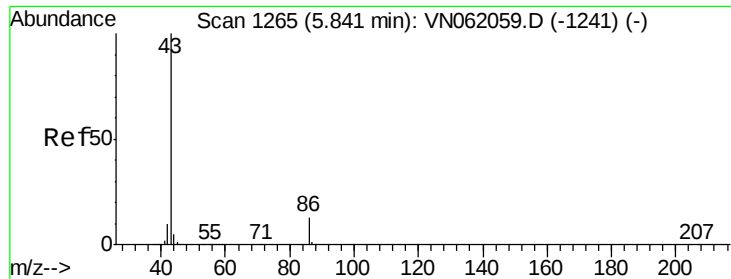
87 32.5 25.9 38.9

59 12.5 10.6 16.0



Abundance Ion 45.00 (44.70 to 45.70): VN062060.D (-1191) (-)

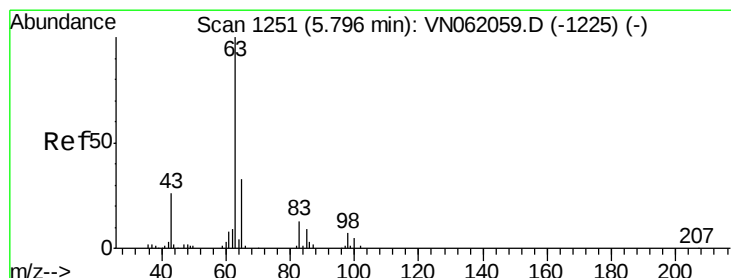
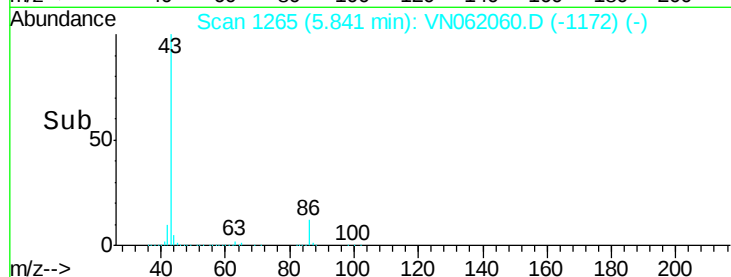
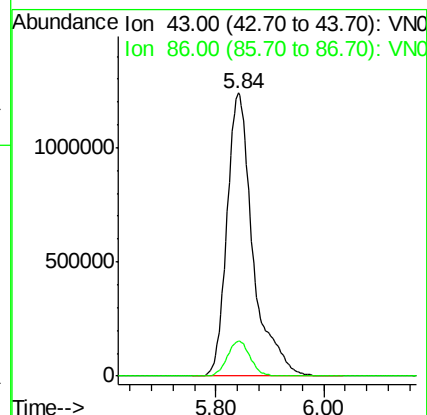
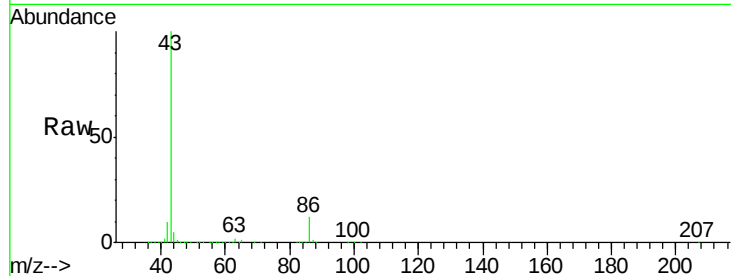




#23
 Vinyl Acetate
 Concen: 513.219 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

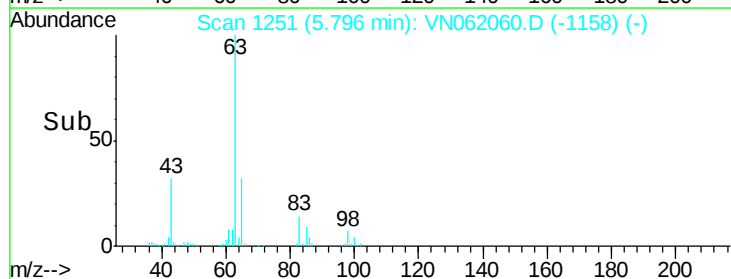
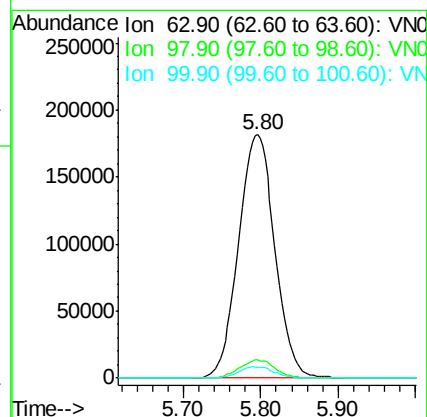
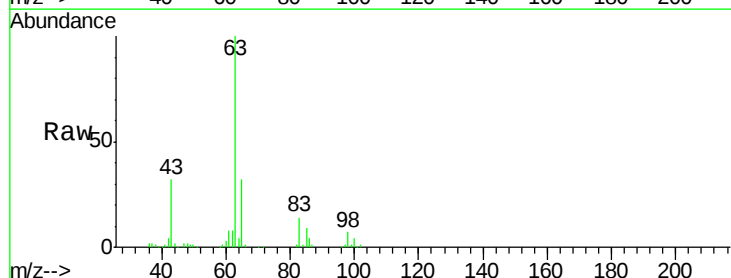
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

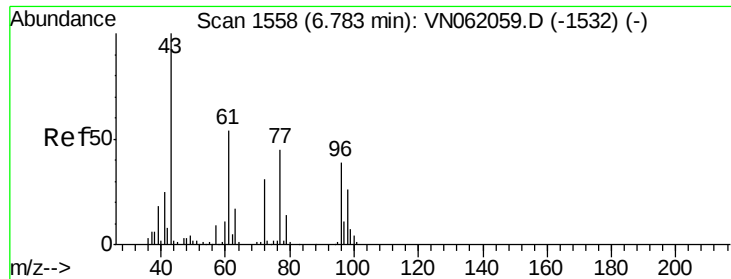
Tgt Ion: 43 Resp: 4140379
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 92.795 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion: 63 Resp: 590447
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.4 2.4 7.1

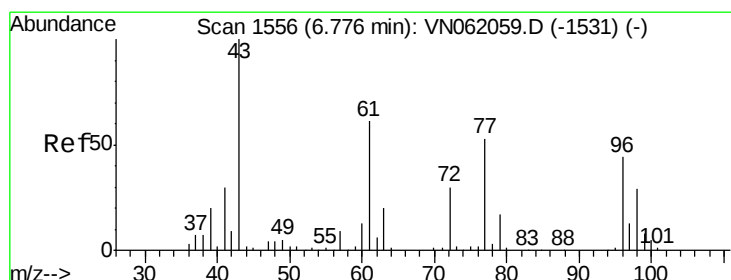
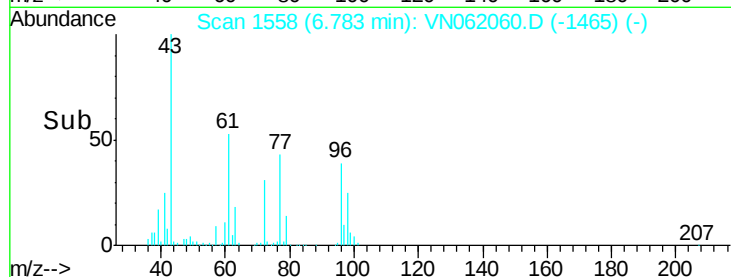
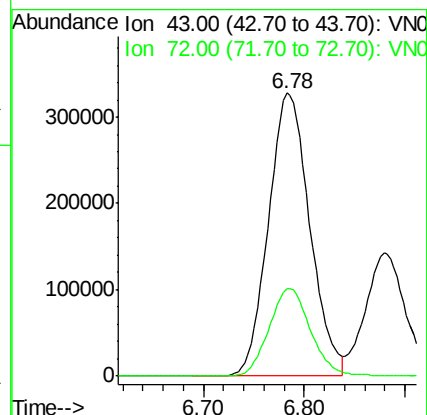
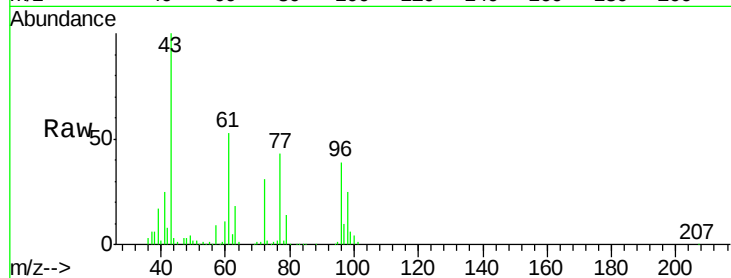




#25
 2-Butanone
 Concen: 488.432 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

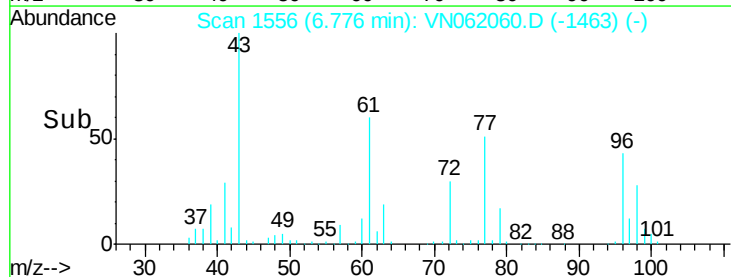
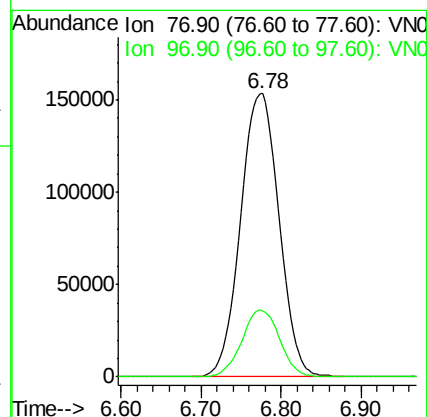
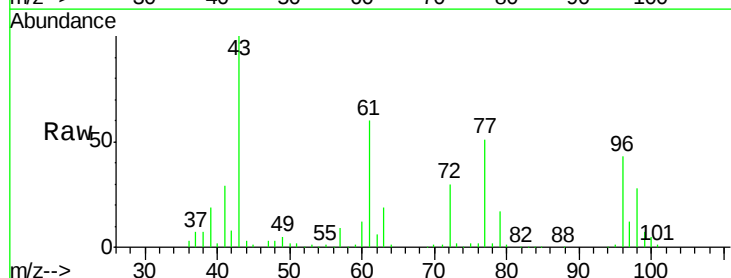
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

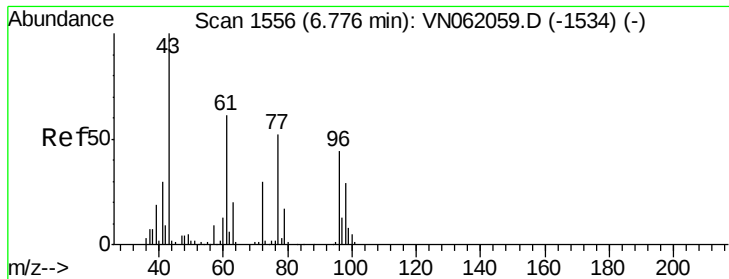
Tgt Ion: 43 Resp: 930046
 Ion Ratio Lower Upper
 43 100
 72 30.9 24.8 37.2



#26
 2,2-Dichloropropane
 Concen: 94.477 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion: 77 Resp: 500950
 Ion Ratio Lower Upper
 77 100
 97 23.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 94.235 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

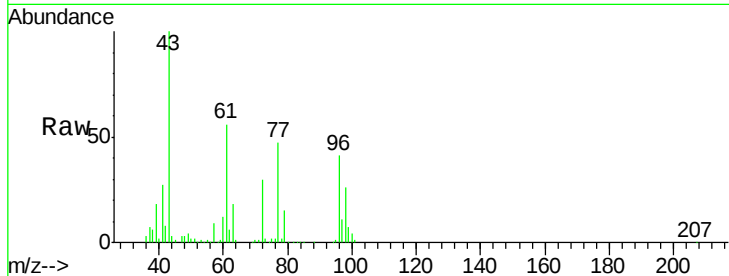
Tgt Ion: 96 Resp: 385050

Ion Ratio Lower Upper

96 100

61 138.0 0.0 280.4

98 64.5 0.0 129.4

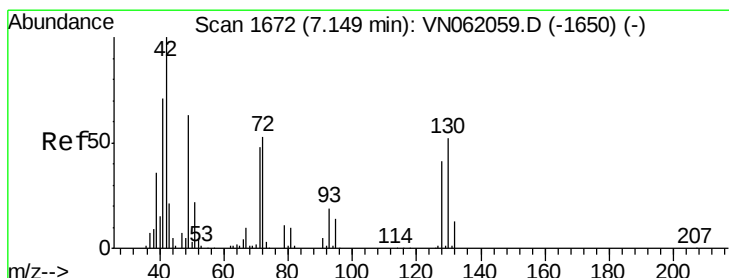
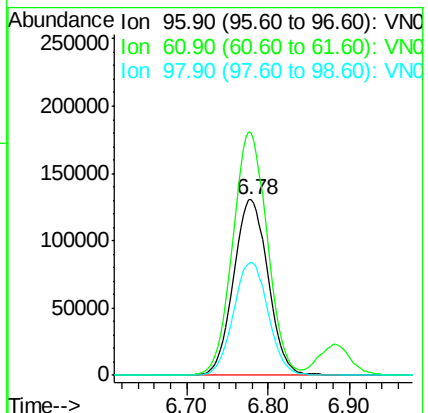
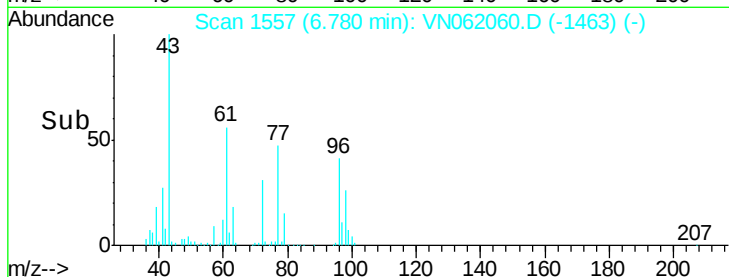


Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)

Time-->



#28

Bromochloromethane

Concen: 98.523 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

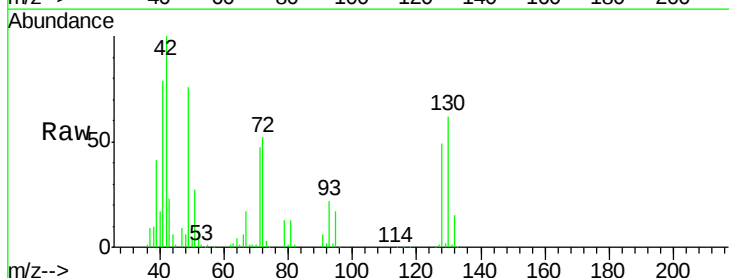
Tgt Ion: 49 Resp: 271998

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 81.3 65.5 98.3

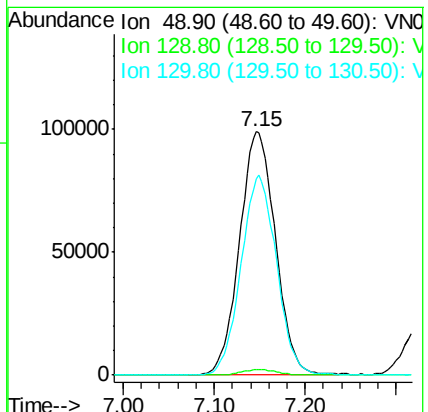
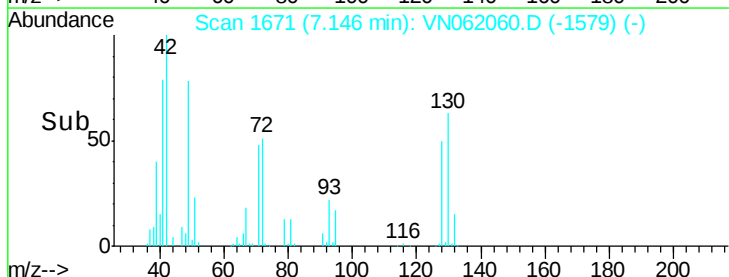


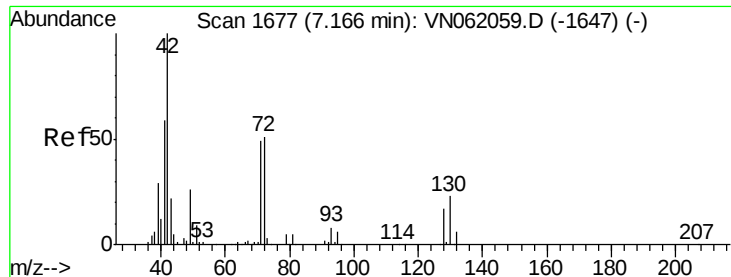
Abundance Ion 48.90 (48.60 to 49.60): VN062059.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN062059.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN062059.D (-1650) (-)

Time-->

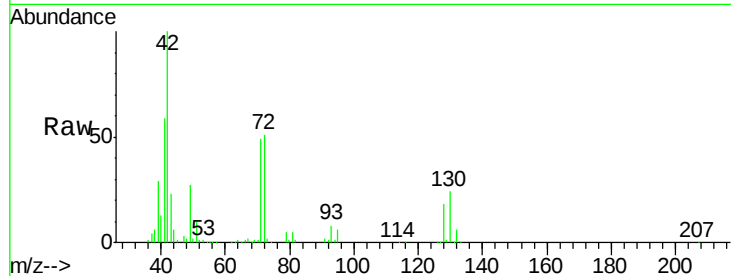




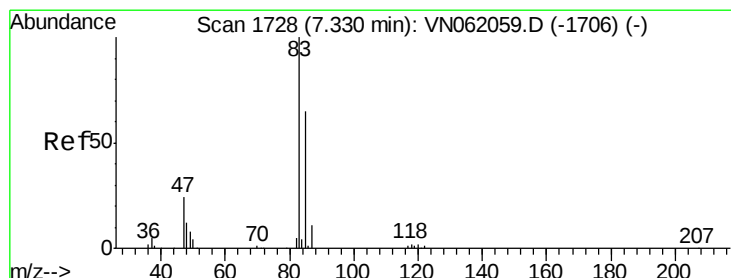
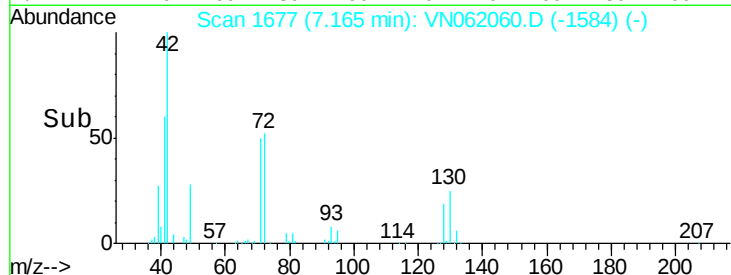
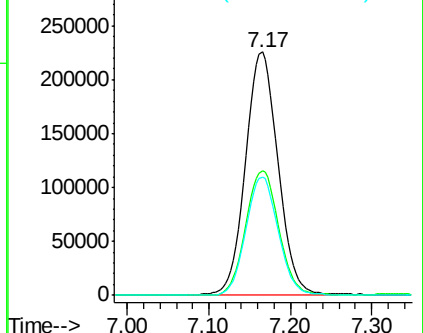
#29
Tetrahydrofuran
Concen: 496.235 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tgt Ion: 42 Resp: 618957
Ion Ratio Lower Upper
42 100
72 52.3 41.1 61.7
71 48.5 38.2 57.4

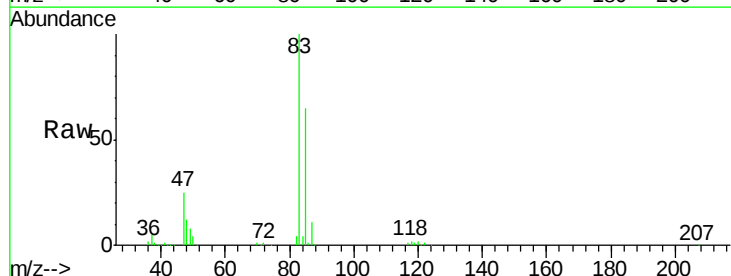


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

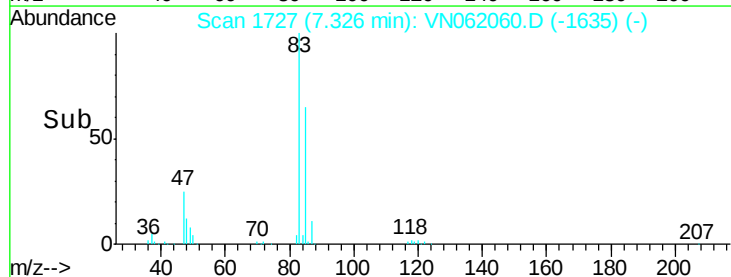
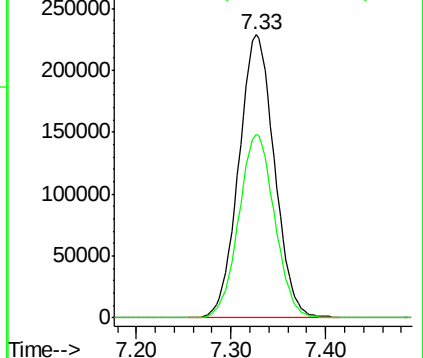


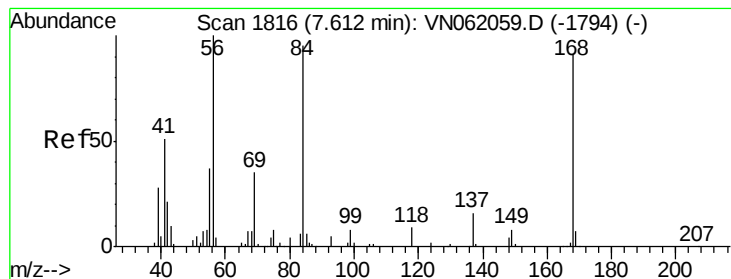
#30
Chloroform
Concen: 92.423 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion: 83 Resp: 598332
Ion Ratio Lower Upper
83 100
85 65.1 52.3 78.5



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





#31

Cyclohexane

Concen: 95.112 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

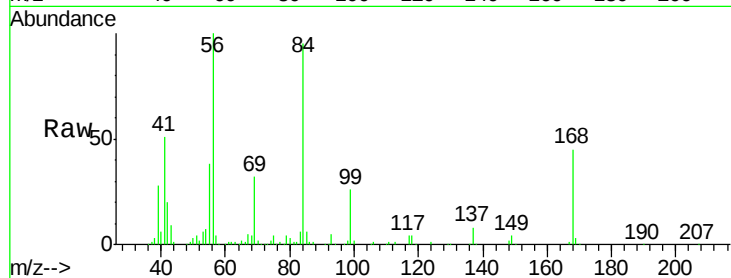
Tgt Ion: 56 Resp: 511912

Ion Ratio Lower Upper

56 100

69 32.4 28.0 42.0

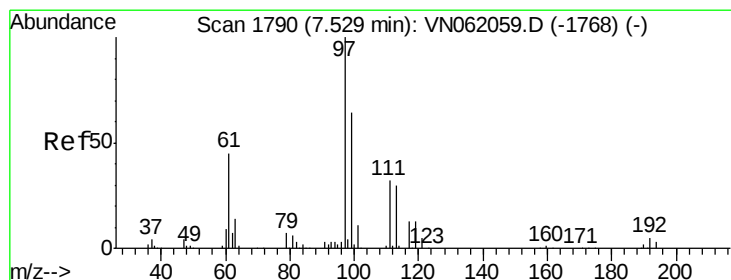
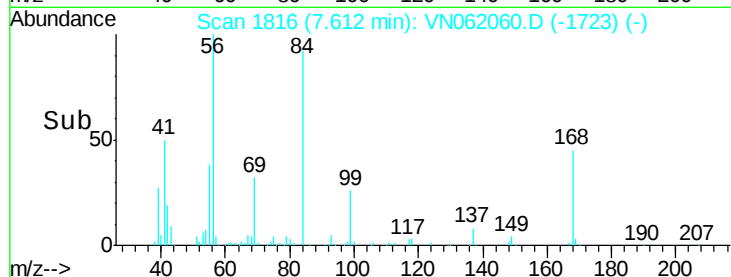
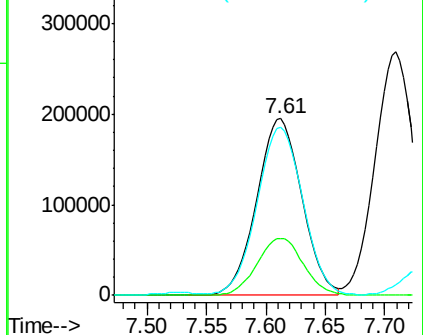
84 93.8 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062059.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062059.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 94.854 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

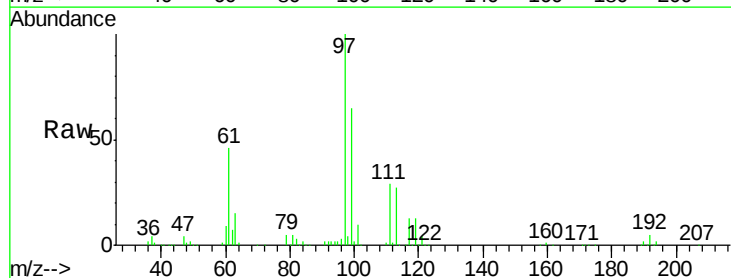
Tgt Ion: 97 Resp: 517860

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

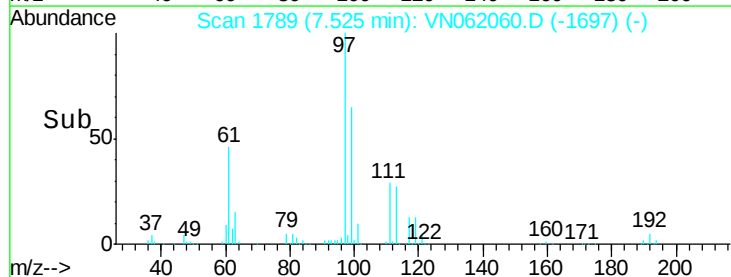
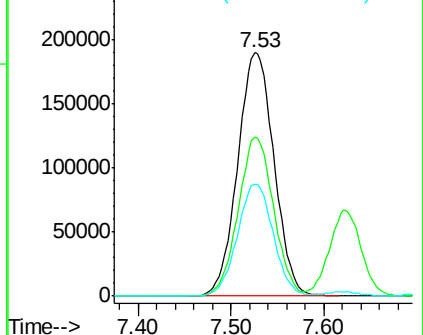
61 45.5 36.2 54.2

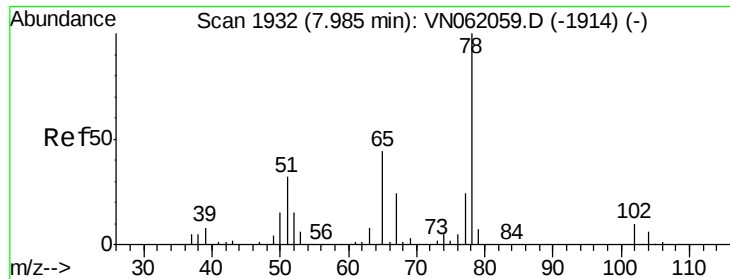


Abundance Ion 96.90 (96.60 to 97.60): VN062059.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN062059.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1768) (-)





#33

1,2-Dichloroethane-d4

Concen: 101.342 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

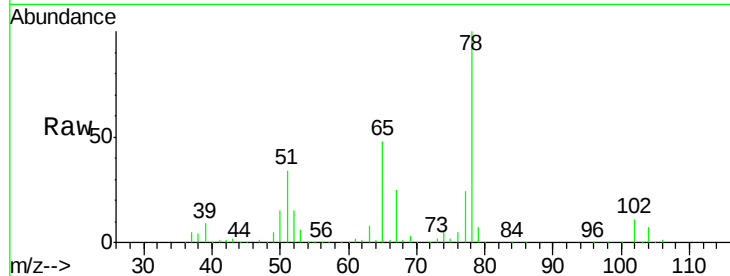
VSTDIC100

Tgt Ion: 65 Resp: 394792

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062059.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062059.D (-1914) (-)

7.99

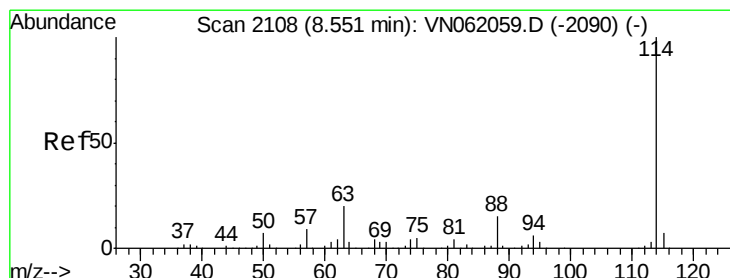
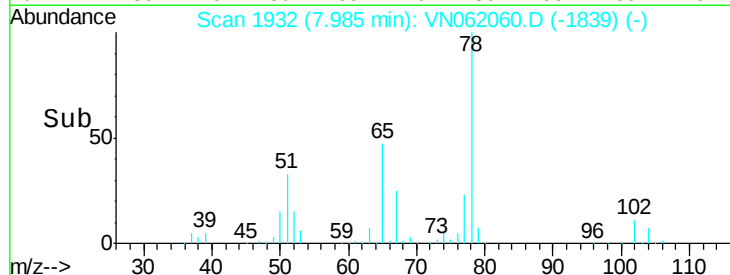
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

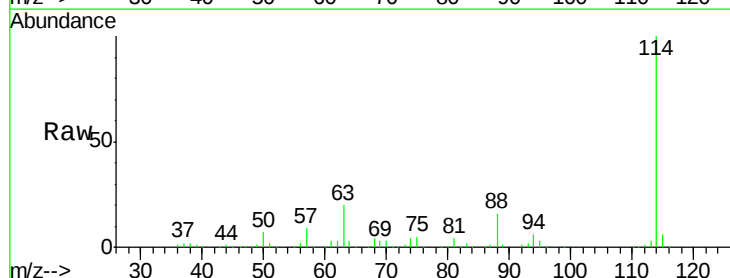
Tgt Ion: 114 Resp: 477553

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

88 16.2 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN062059.D (-2090) (-)

Ion 63.00 (62.70 to 63.70): VN062059.D (-2090) (-)

Ion 87.90 (87.60 to 88.60): VN062059.D (-2090) (-)

8.55

300000

250000

200000

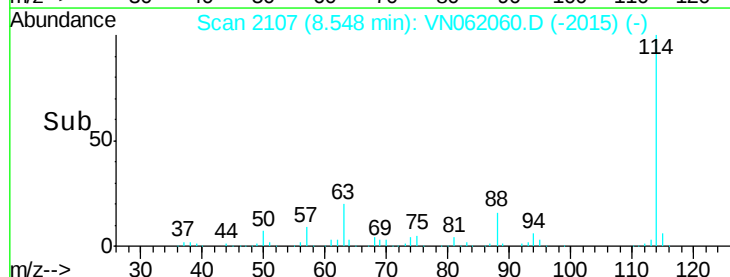
150000

100000

50000

0

Time-->

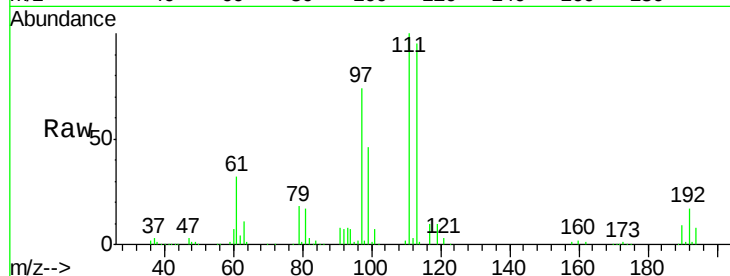




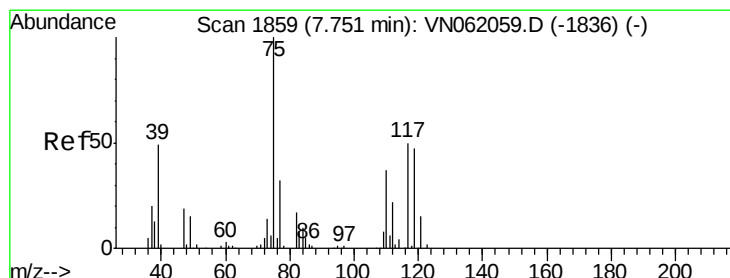
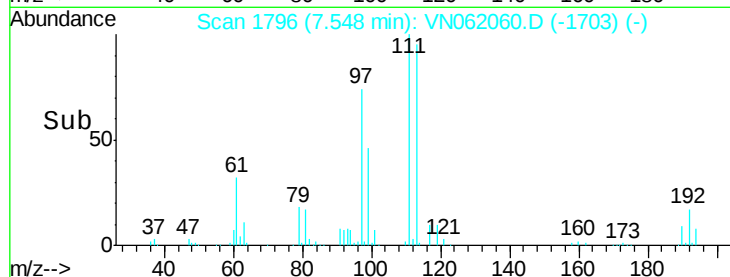
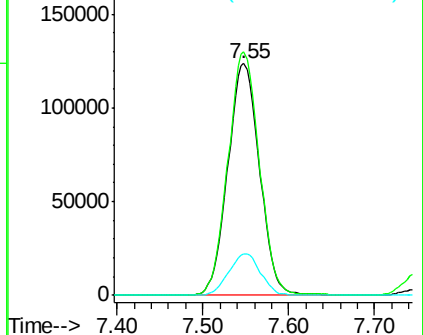
#35
 Dibromofluoromethane
 Concen: 103.399 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 113 Resp: 316788
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.2 123.4
 192 18.1 14.0 21.0

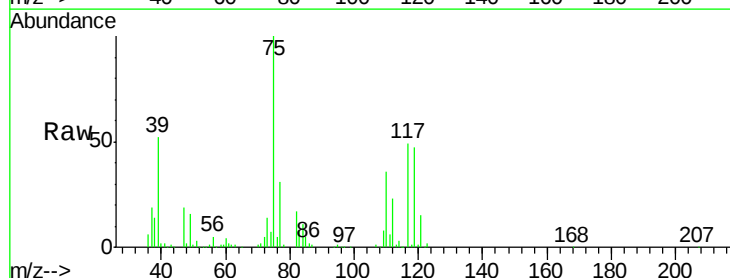


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

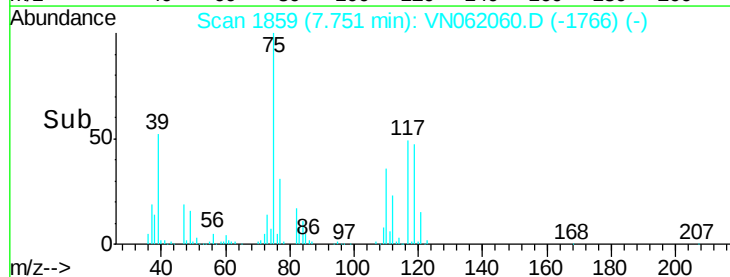
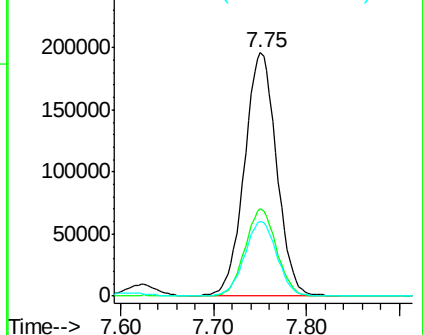


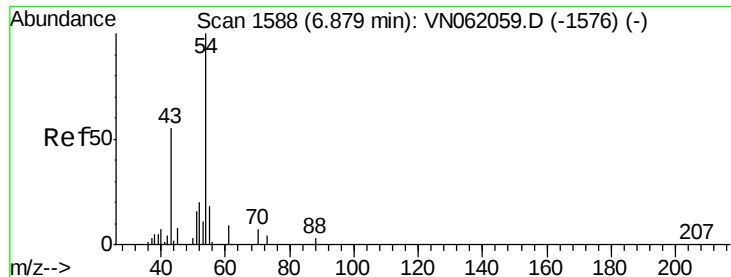
#36
 1,1-Dichloropropene
 Concen: 98.031 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion: 75 Resp: 470563
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.9 53.8
 77 31.0 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

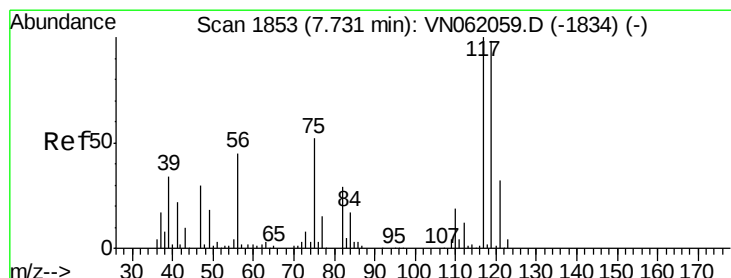
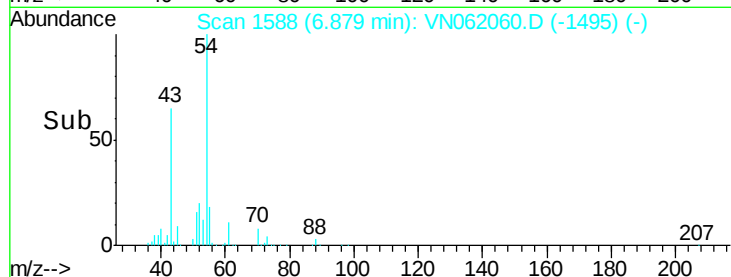
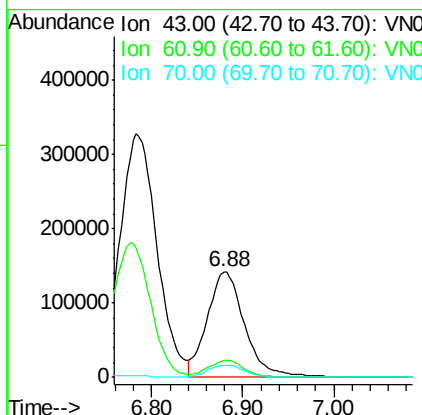
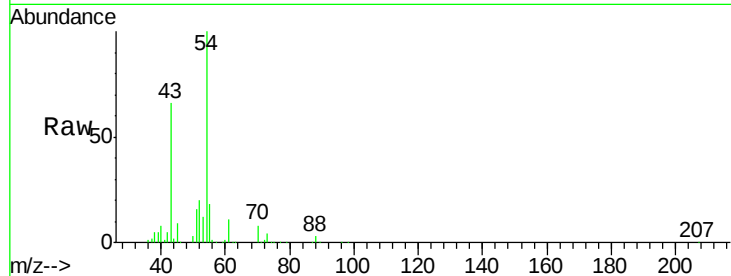




#37
Ethyl Acetate
Concen: 100.357 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

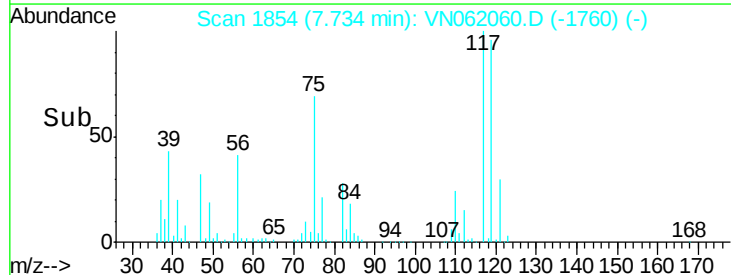
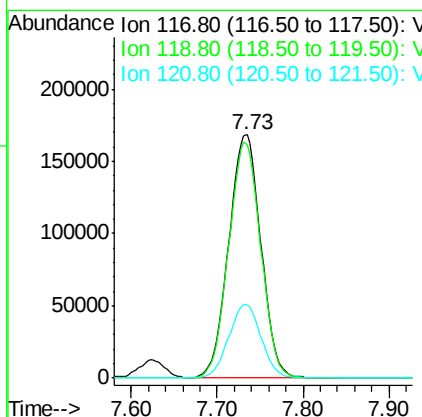
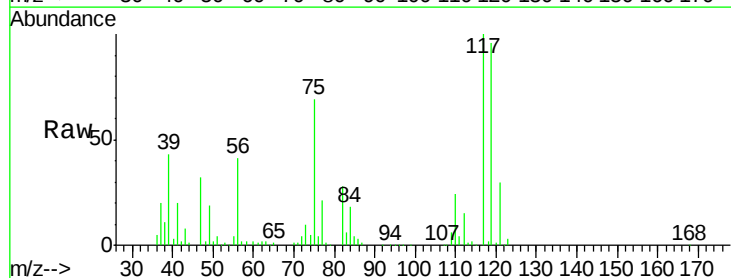
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 398897
Ion Ratio Lower Upper
43 100
61 15.6 12.0 18.0
70 11.7 9.6 14.4



#38
Carbon Tetrachloride
Concen: 96.475 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion: 117 Resp: 436596
Ion Ratio Lower Upper
117 100
119 96.2 78.2 117.2
121 30.4 25.8 38.6

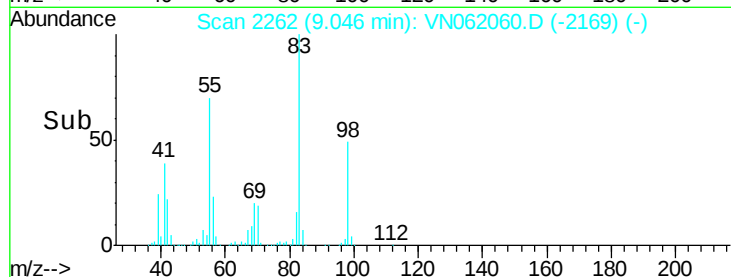
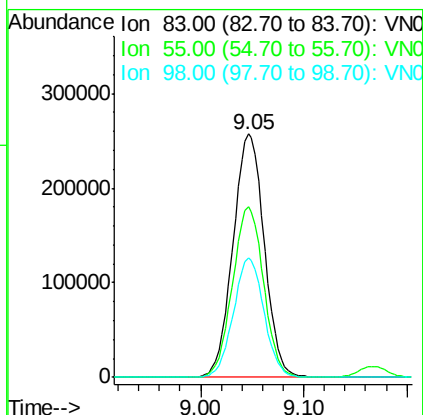
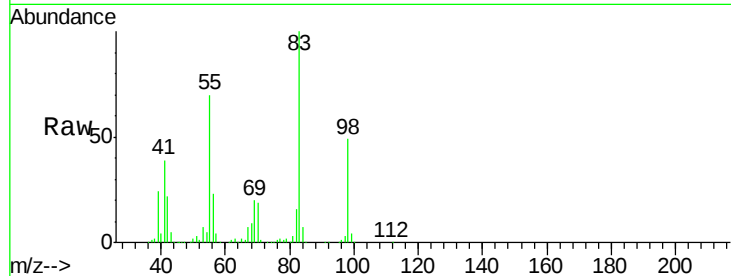




#39
Methylcyclohexane
Concen: 103.317 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

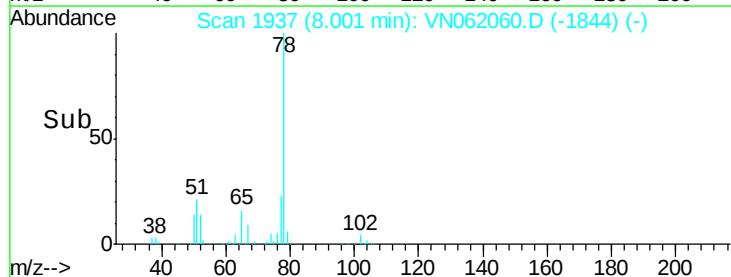
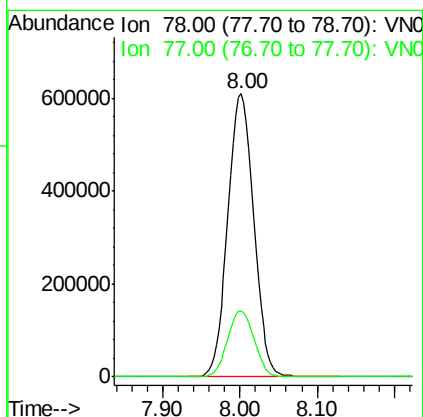
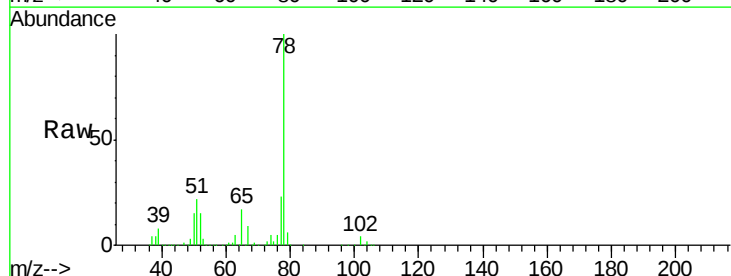
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

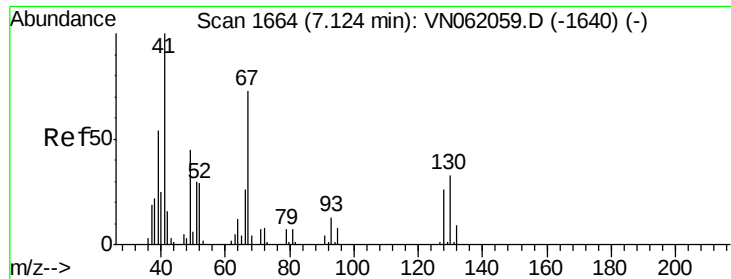
Tgt Ion: 83 Resp: 543388
Ion Ratio Lower Upper
83 100
55 70.1 57.0 85.6
98 49.1 39.0 58.6



#40
Benzene
Concen: 96.950 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion: 78 Resp: 1418433
Ion Ratio Lower Upper
78 100
77 23.4 19.5 29.3

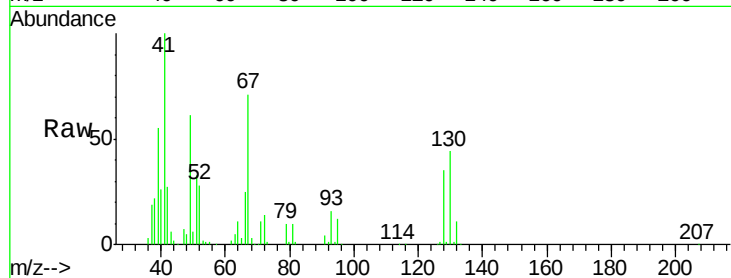




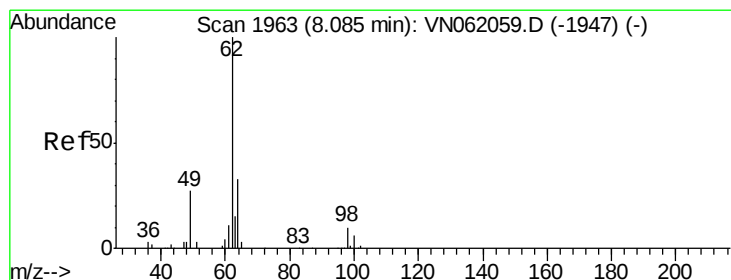
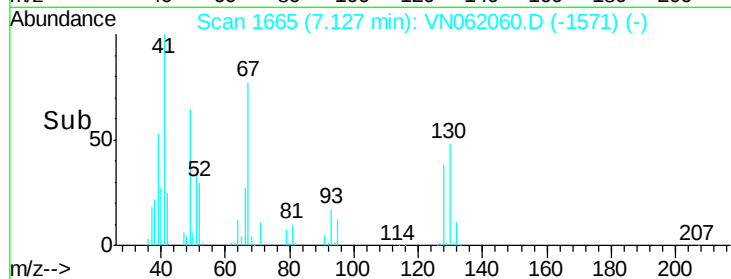
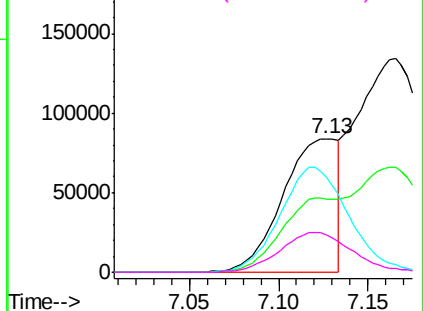
#41
Methacrylonitrile
Concen: 97.421 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	179520
Ion	Ratio	Lower	Upper
41	100		
39	46.0	44.2	66.2
67	98.6	79.5	119.3
52	38.9	32.3	48.5

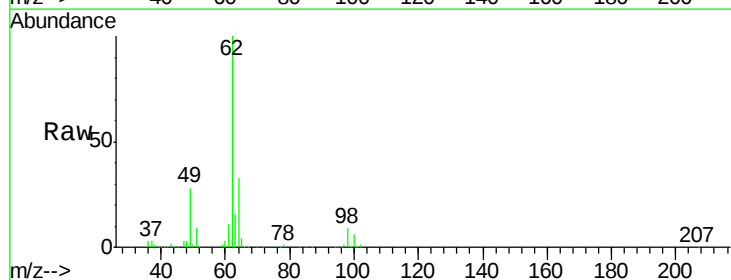


Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-1640) (-)

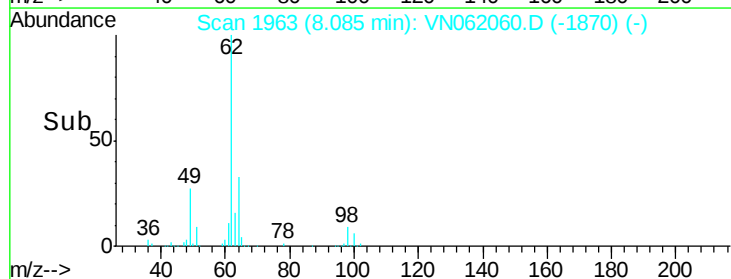
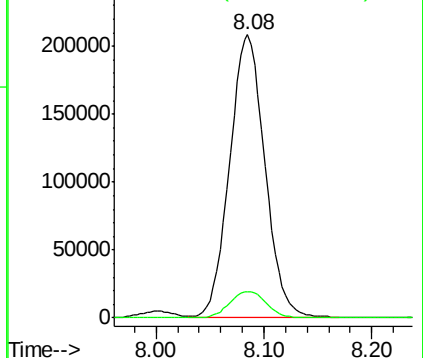


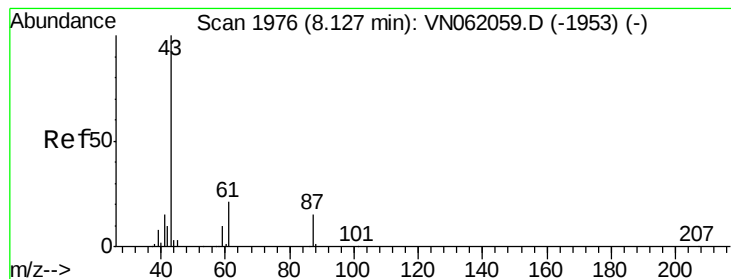
#42
1,2-Dichloroethane
Concen: 95.848 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion:	62	Resp:	473787
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VN062059.D (-1947) (-)





#43

Isopropyl Acetate

Concen: 104.430 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

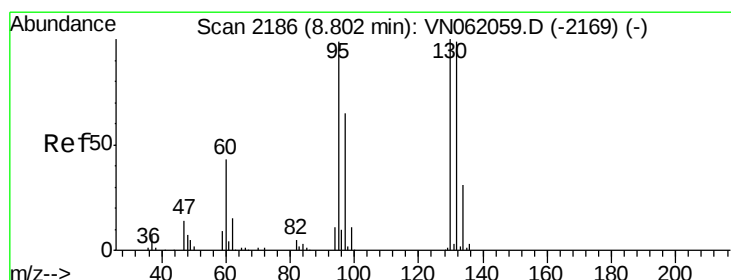
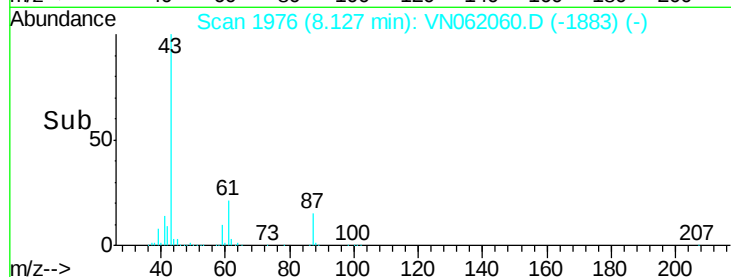
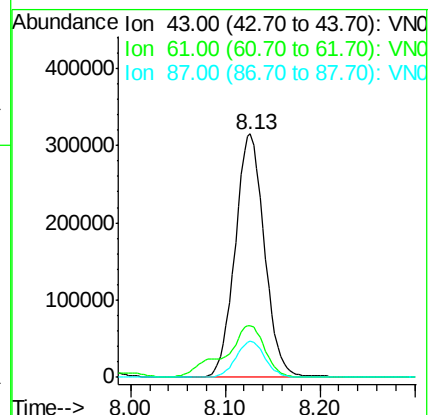
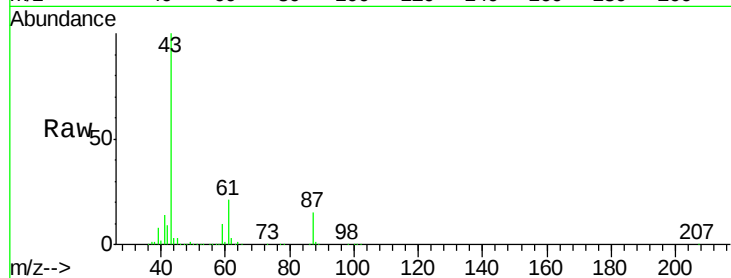
Tgt Ion: 43 Resp: 676656

Ion Ratio Lower Upper

43 100

61 29.2 17.2 25.8#

87 14.7 12.1 18.1



#44

Trichloroethene

Concen: 95.209 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062060.D

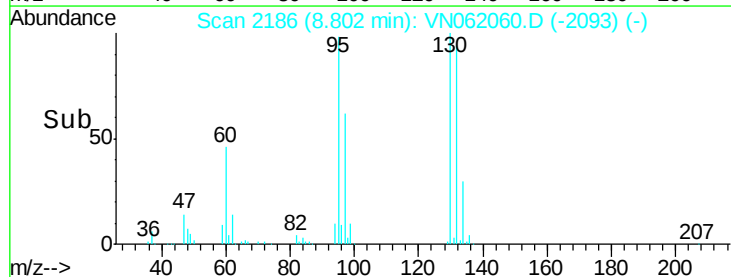
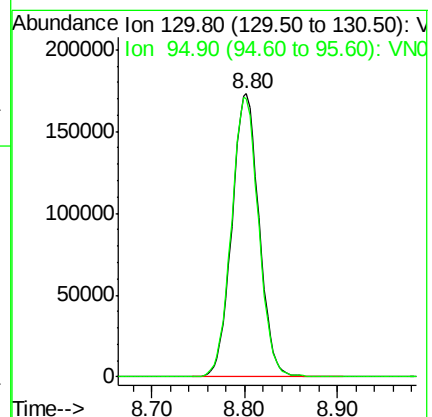
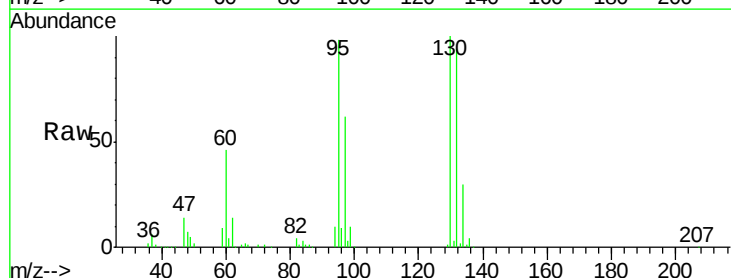
Acq: 24 Jun 2020 11:18

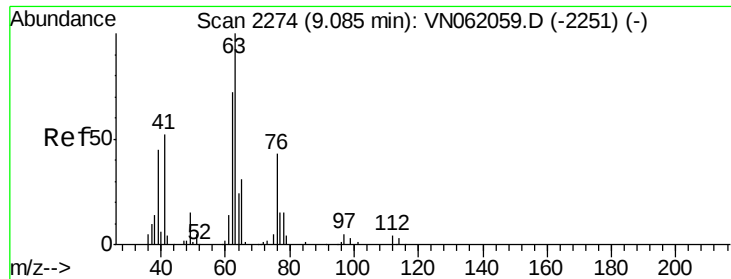
Tgt Ion: 130 Resp: 351379

Ion Ratio Lower Upper

130 100

95 98.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 98.923 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

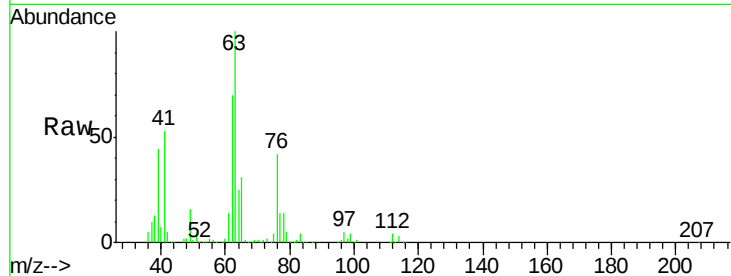
VSTDIC100

Tgt Ion: 63 Resp: 357055

Ion Ratio Lower Upper

63 100

65 31.5 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN062060.D (-2181) (-)

Ion 64.90 (64.60 to 65.60): VN062060.D (-2181) (-)

9.08

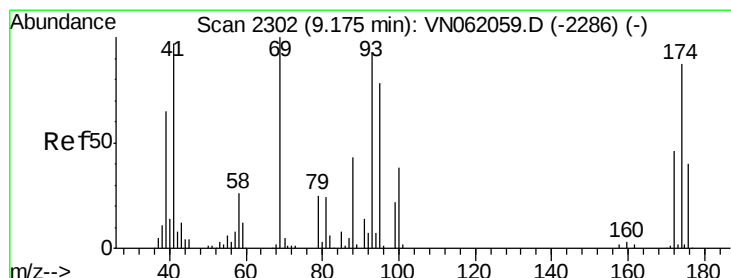
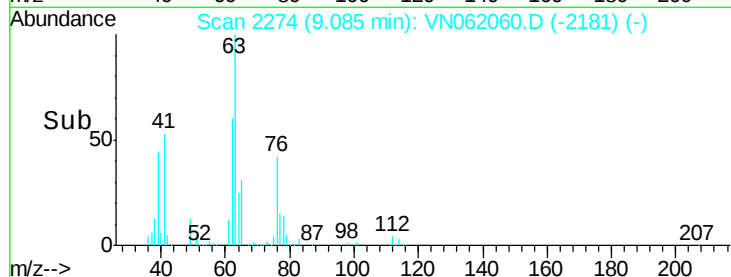
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 98.120 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

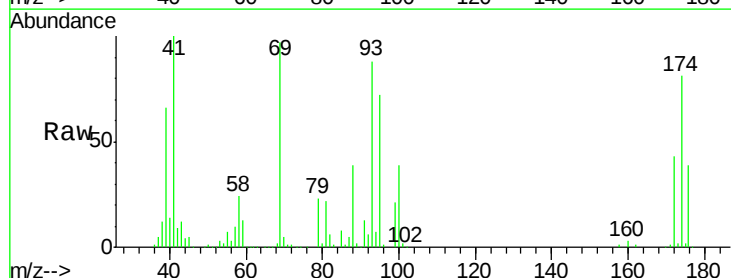
Tgt Ion: 93 Resp: 240120

Ion Ratio Lower Upper

93 100

95 82.3 67.0 100.6

174 92.2 74.4 111.6



Abundance Ion 92.80 (92.50 to 93.50): VN062060.D (-2209) (-)

Ion 94.80 (94.50 to 95.50): VN062060.D (-2209) (-)

Ion 173.70 (173.40 to 174.40): VN062060.D (-2209) (-)

9.17

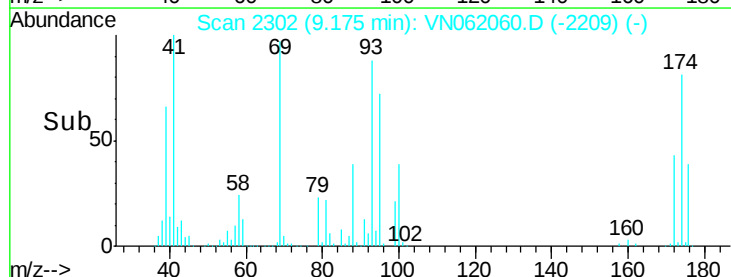
150000

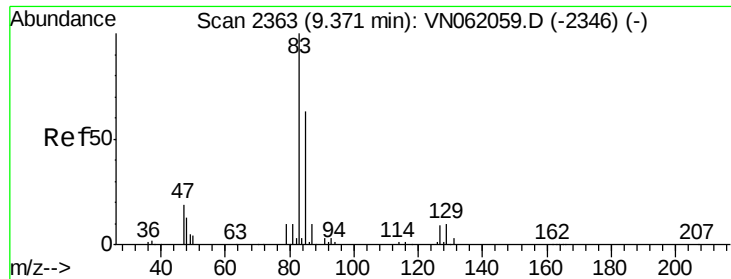
100000

50000

0

Time-->

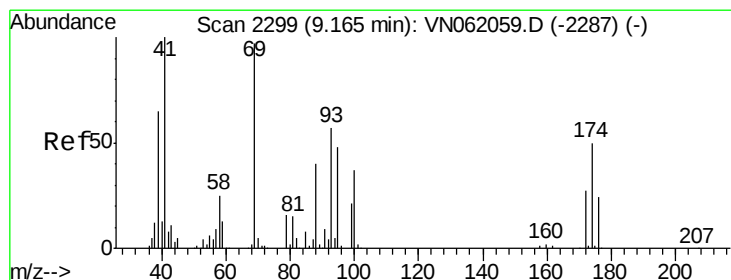
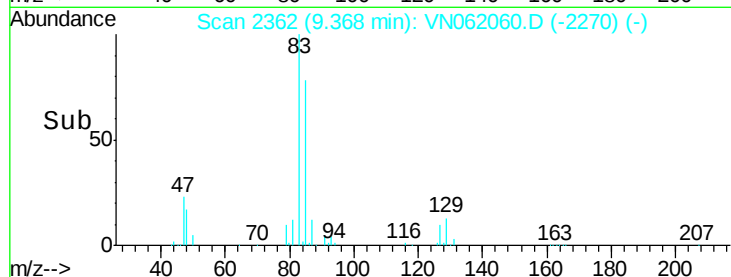
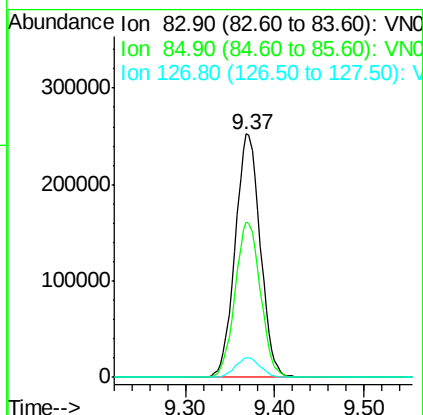
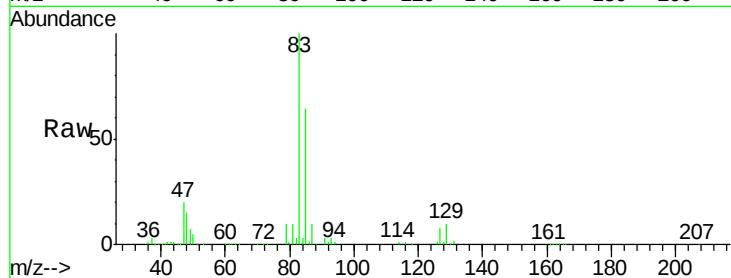




#47
Bromodichloromethane
Concen: 99.774 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

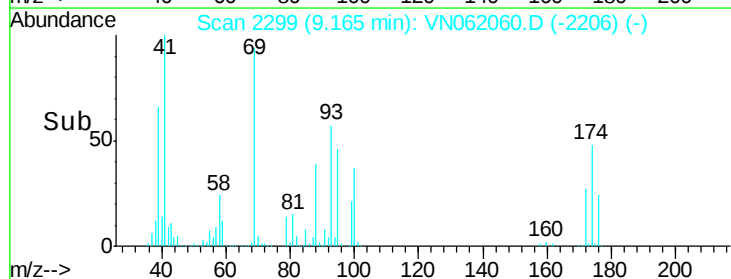
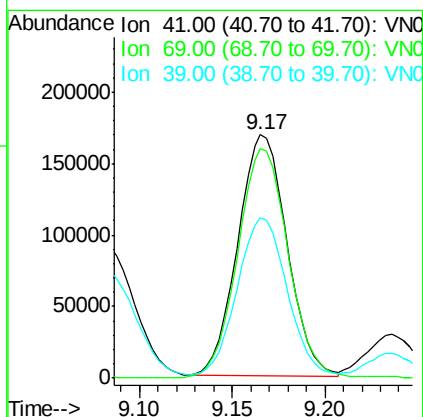
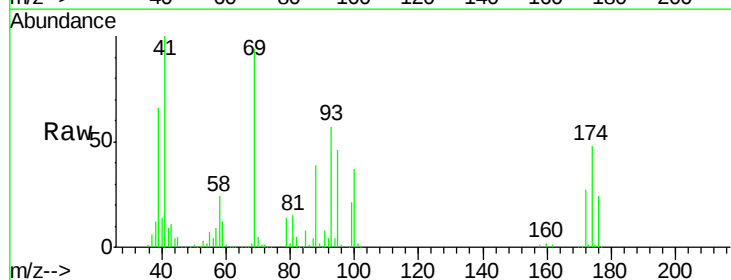
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

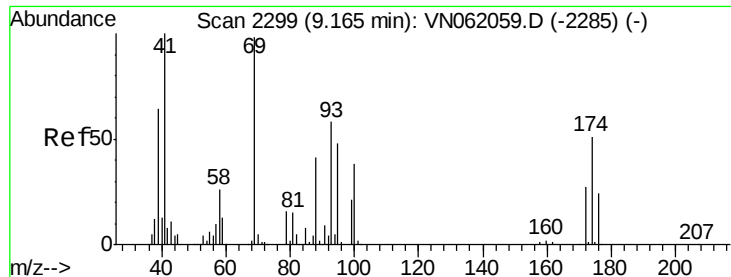
Tgt Ion: 83 Resp: 493012
Ion Ratio Lower Upper
83 100
85 63.9 50.3 75.5
127 8.2 6.9 10.3



#48
Methyl methacrylate
Concen: 107.196 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion: 41 Resp: 311431
Ion Ratio Lower Upper
41 100
69 98.6 80.7 121.1
39 68.0 54.5 81.7

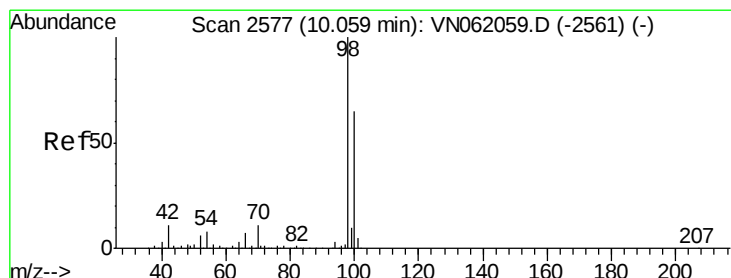
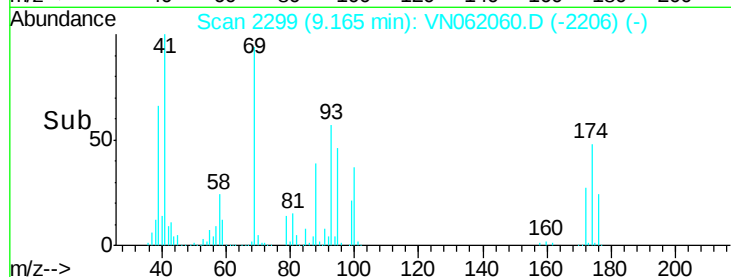
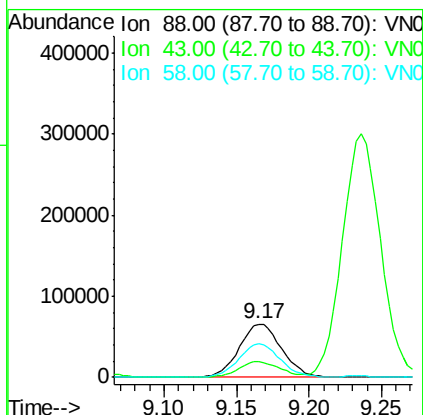
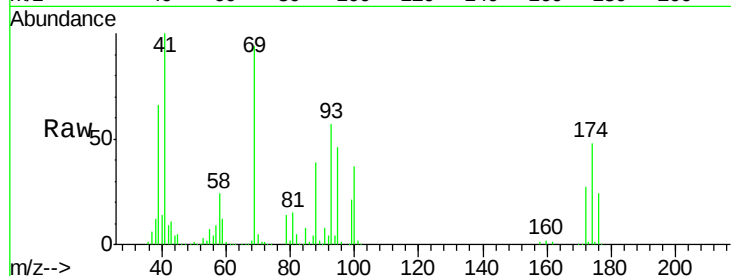




#49
1,4-Dioxane
Concen: 2082.230 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

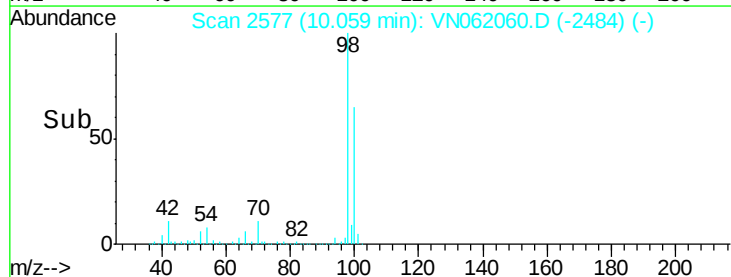
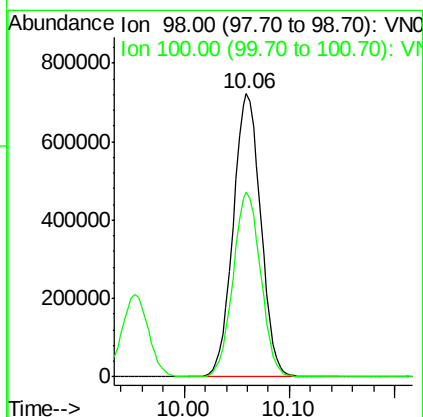
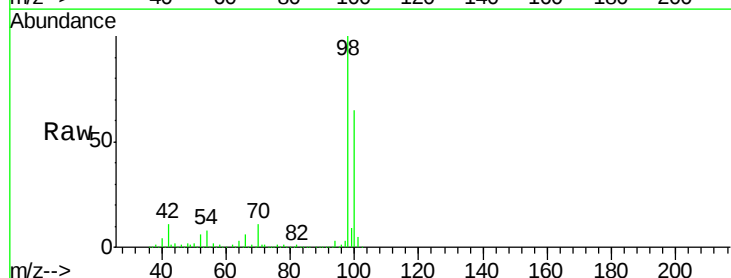
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

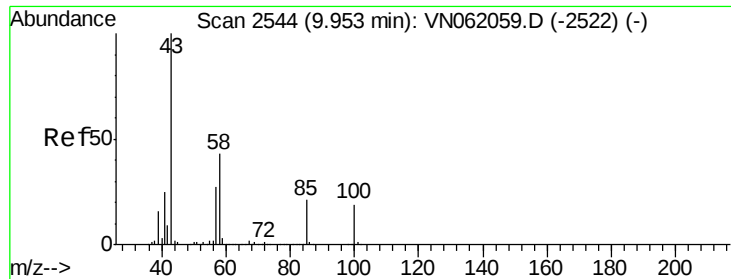
Tgt Ion: 88 Resp: 134152
Ion Ratio Lower Upper
88 100
43 28.5 22.0 33.0
58 61.6 49.2 73.8



#50
Toluene-d8
Concen: 106.742 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion: 98 Resp: 1307240
Ion Ratio Lower Upper
98 100
100 65.2 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 535.315 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

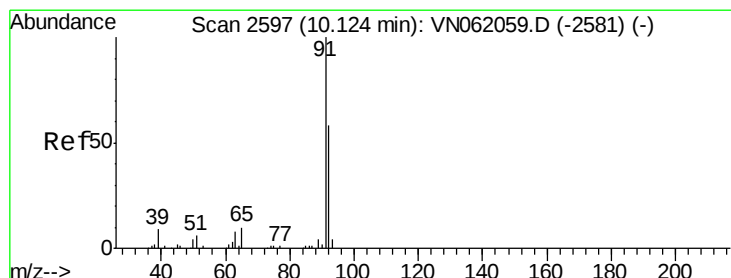
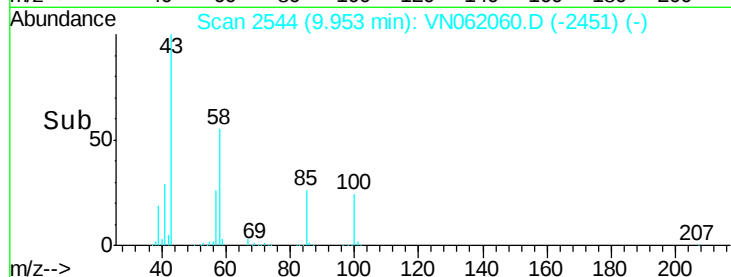
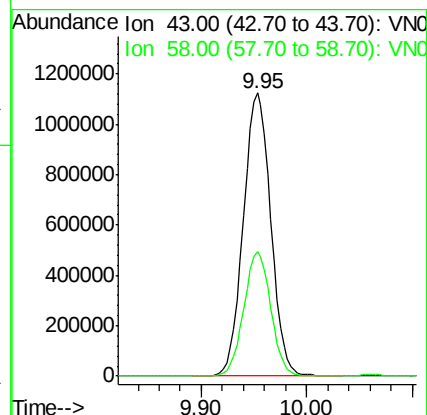
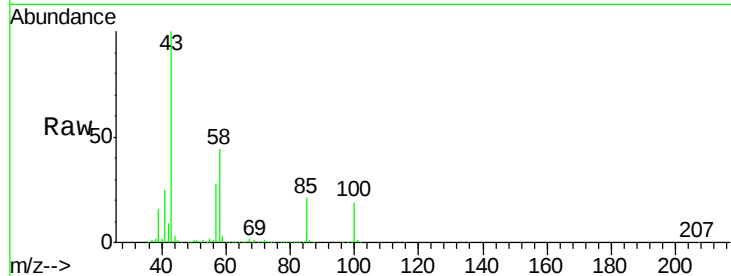
VSTDIC100

Tgt Ion: 43 Resp: 2026540

Ion Ratio Lower Upper

43 100

58 43.2 34.2 51.2



#52

Toluene

Concen: 102.225 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062060.D

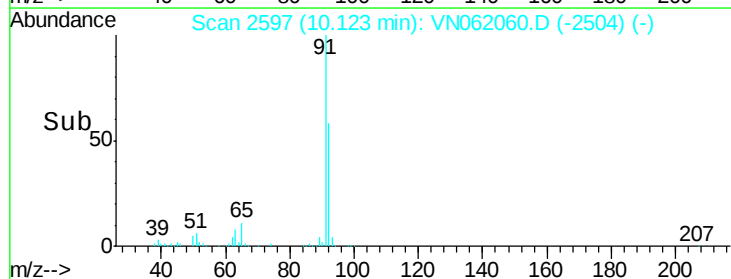
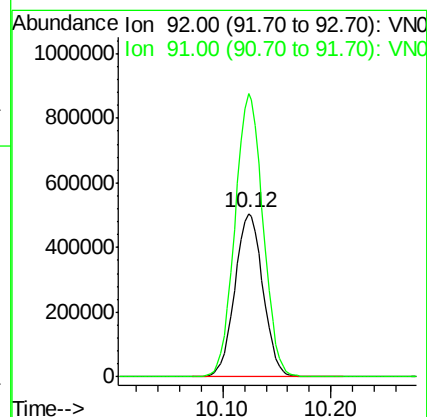
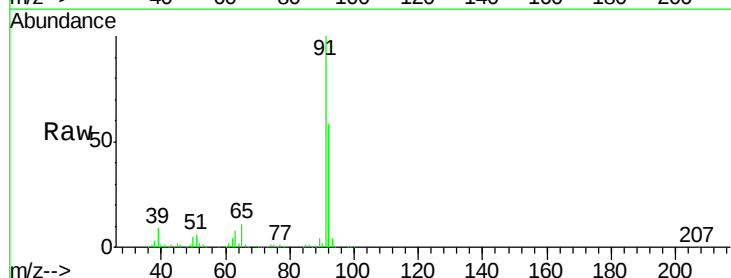
Acq: 24 Jun 2020 11:18

Tgt Ion: 92 Resp: 912547

Ion Ratio Lower Upper

92 100

91 173.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 104.474 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

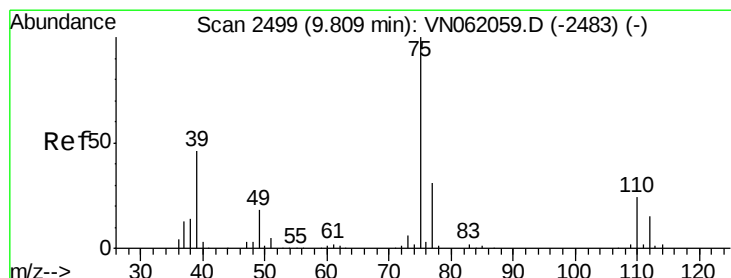
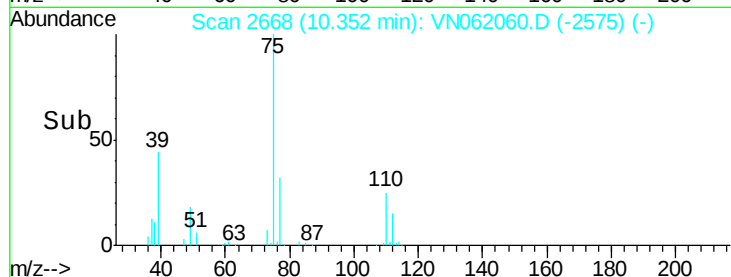
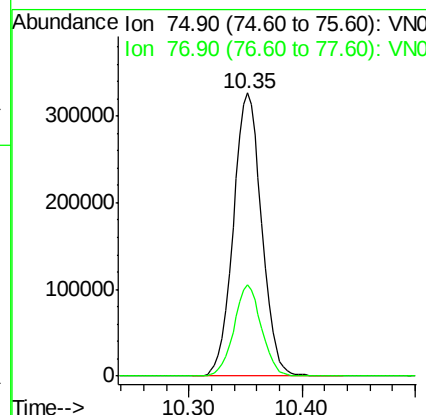
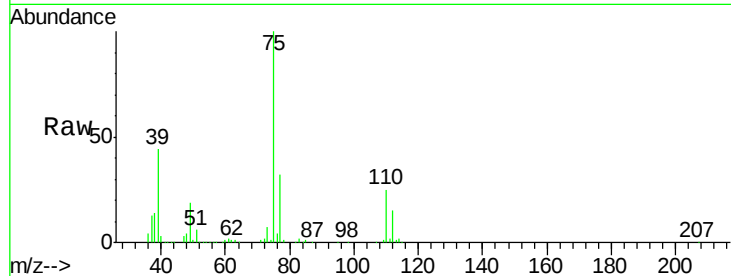
VSTDIC100

Tgt Ion: 75 Resp: 567951

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 105.443 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

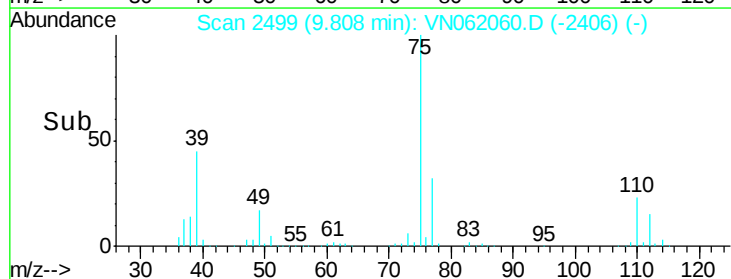
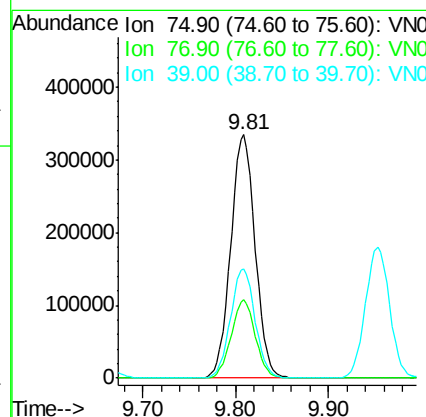
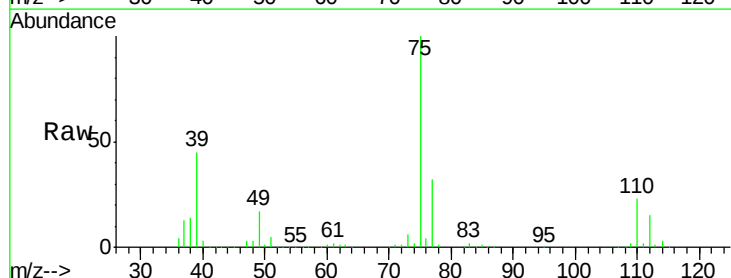
Tgt Ion: 75 Resp: 610277

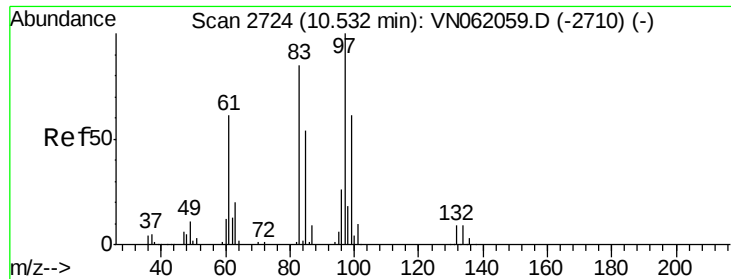
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6

39 44.8 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 100.275 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 351871

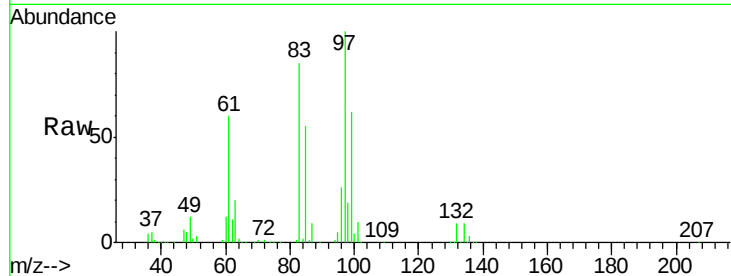
Ion Ratio Lower Upper

97 100

83 85.4 68.2 102.2

85 55.1 43.2 64.8

99 61.5 48.5 72.7

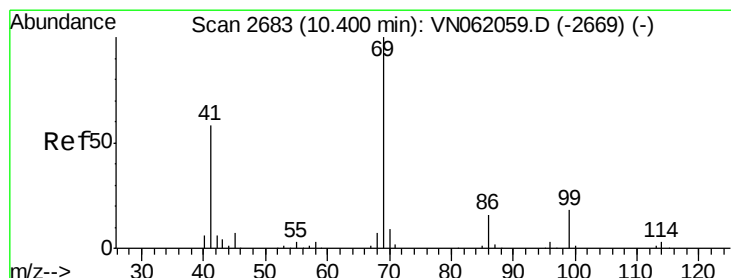
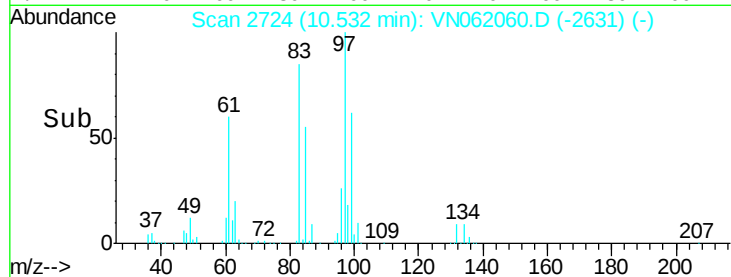
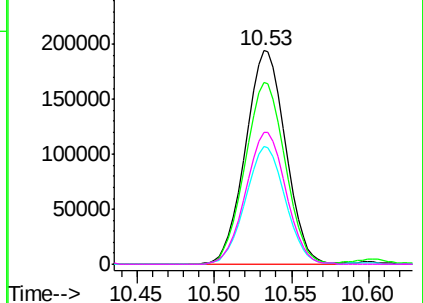


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 113.351 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

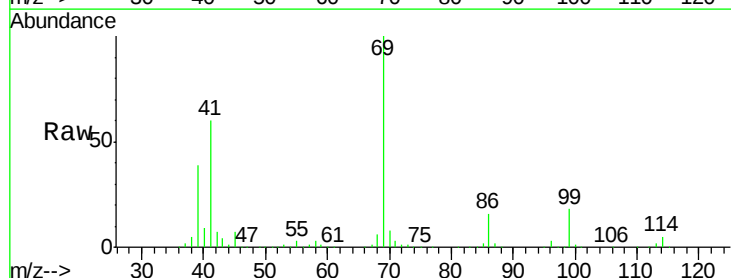
Tgt Ion: 69 Resp: 530821

Ion Ratio Lower Upper

69 100

41 59.3 46.6 70.0

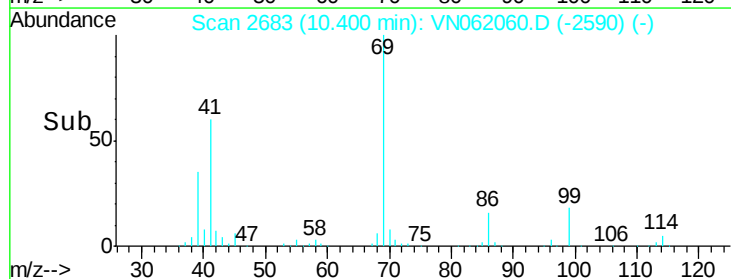
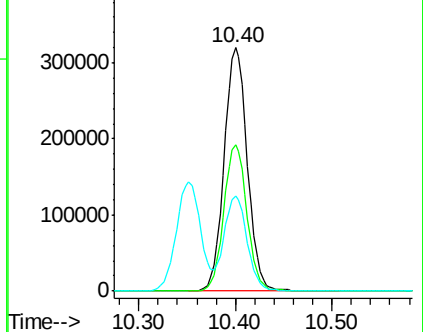
39 38.6 31.0 46.4



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

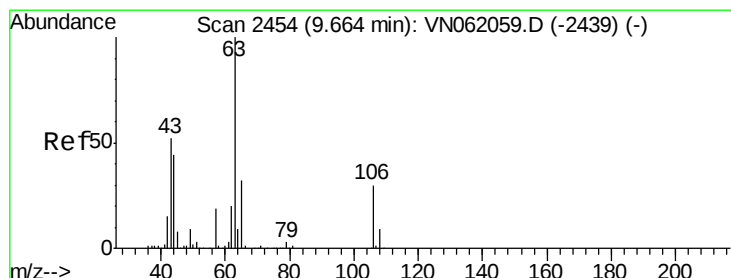
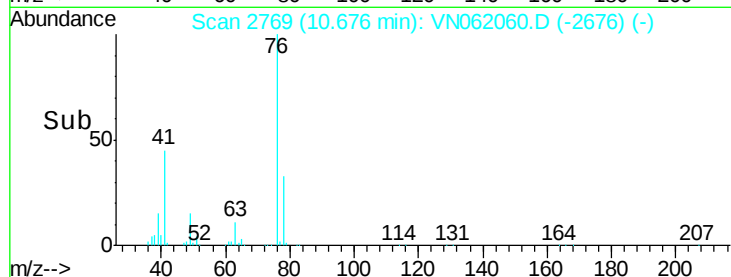
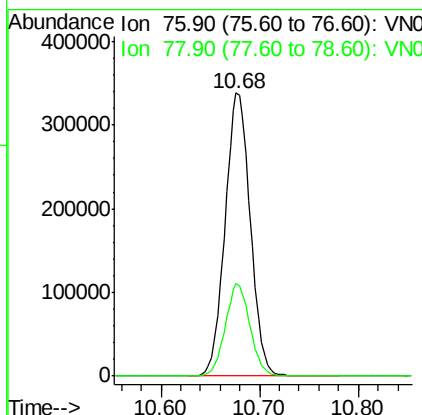
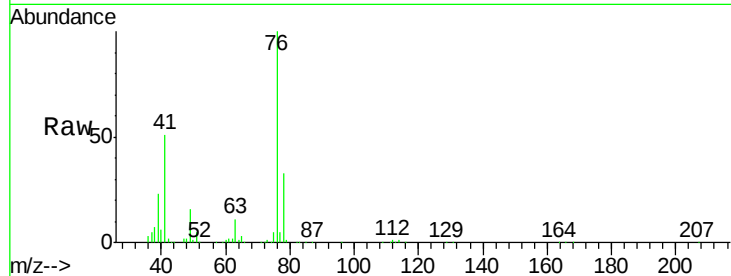




#57
 1,3-Dichloropropane
 Concen: 100.265 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

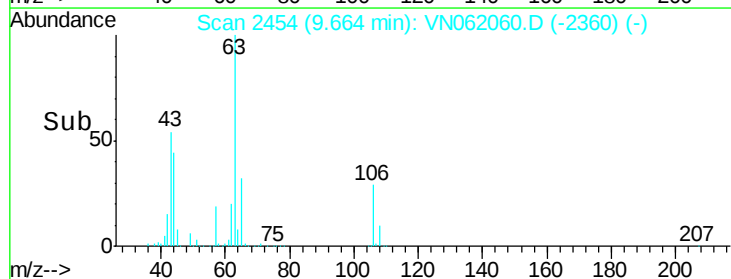
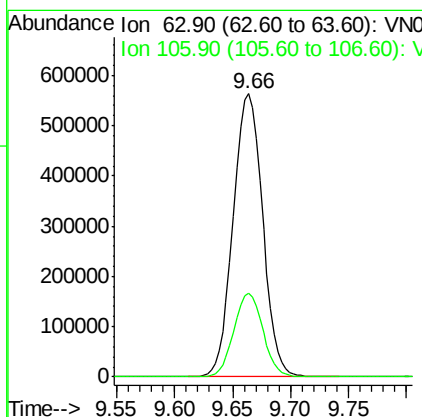
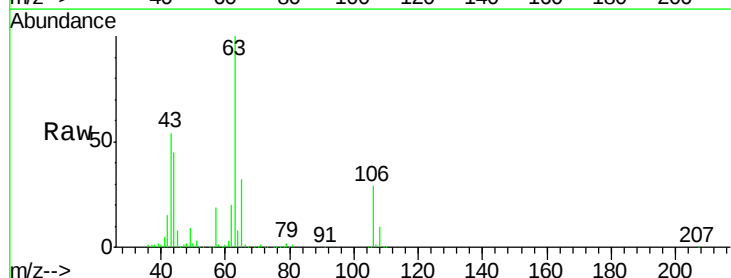
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

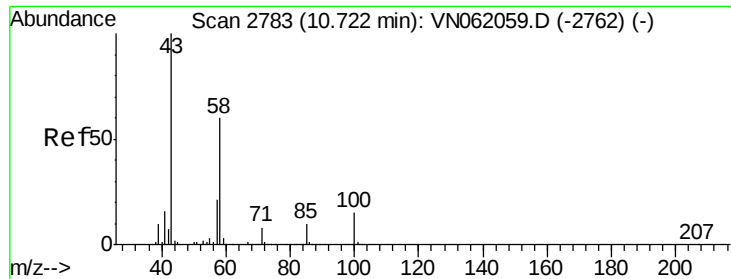
Tgt Ion: 76 Resp: 605597
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 483.400 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion: 63 Resp: 995844
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.2 34.8

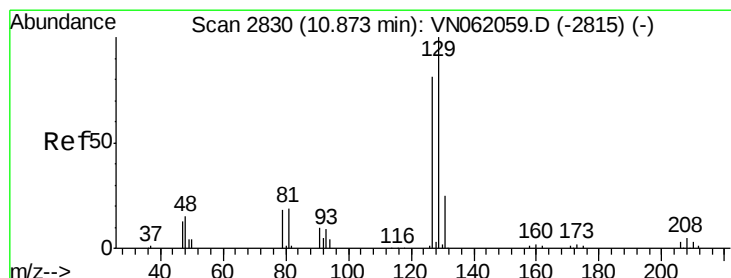
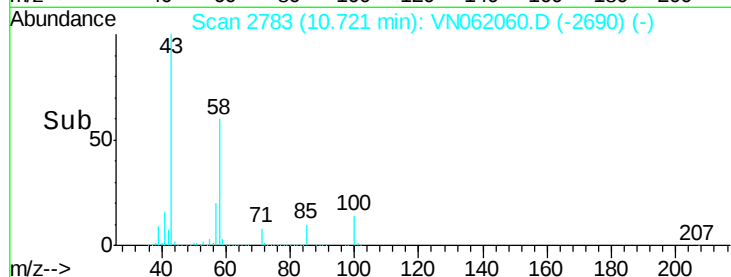
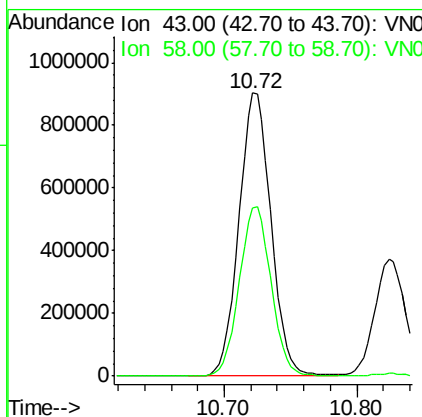
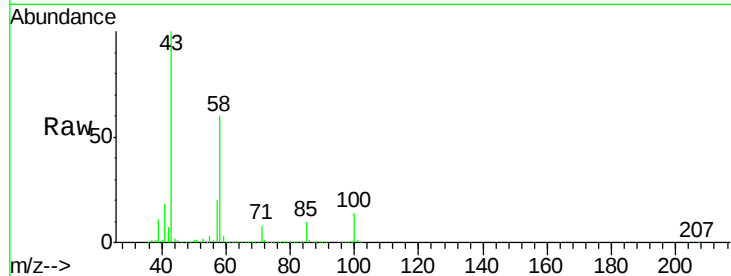




#59
2-Hexanone
Concen: 554.580 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

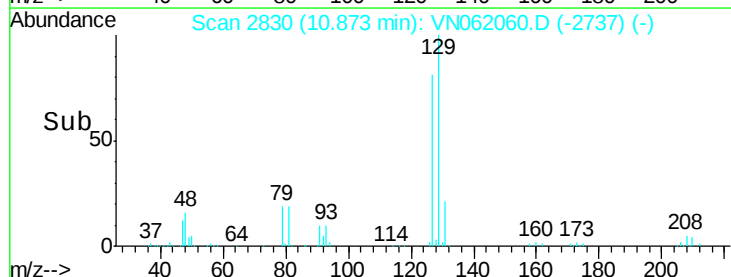
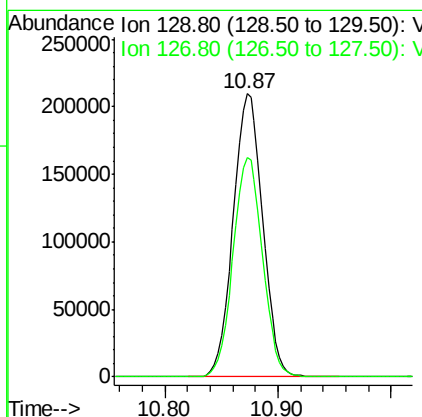
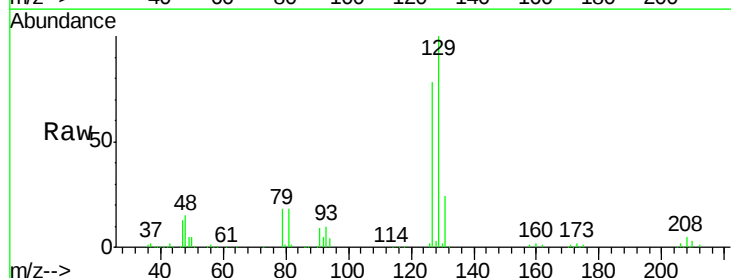
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

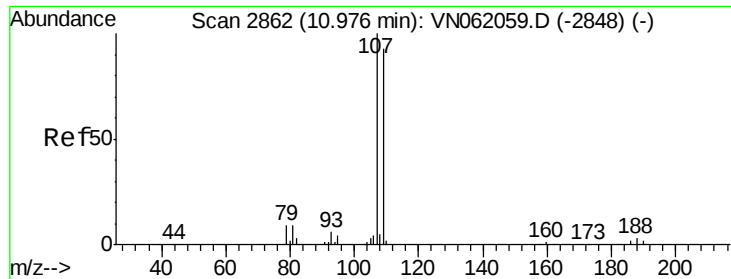
Tgt Ion: 43 Resp: 1516026
Ion Ratio Lower Upper
43 100
58 59.6 29.5 88.5



#60
Dibromochloromethane
Concen: 102.961 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion: 129 Resp: 382512
Ion Ratio Lower Upper
129 100
127 77.2 39.5 118.5





#61

1,2-Dibromoethane

Concen: 101.245 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

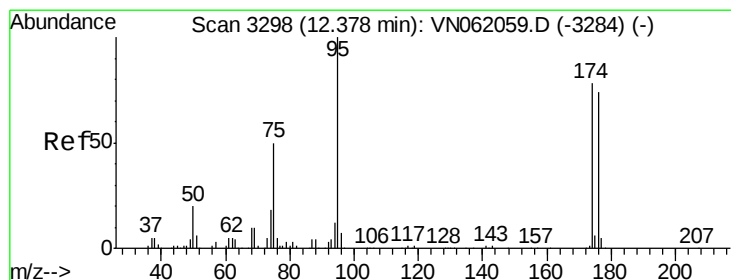
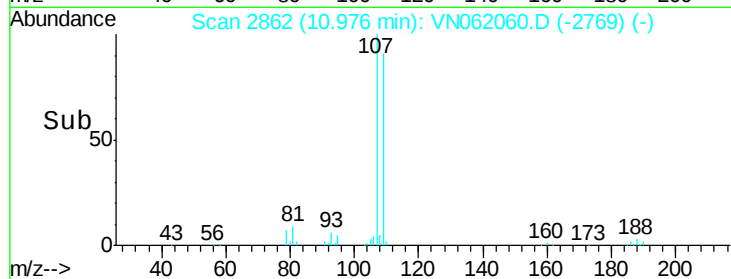
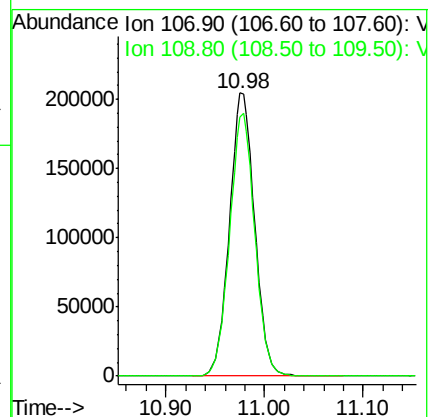
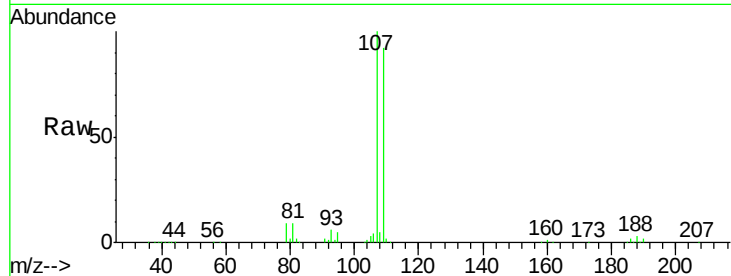
VSTDIC100

Tgt Ion: 107 Resp: 365054

Ion Ratio Lower Upper

107 100

109 92.8 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 109.735 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

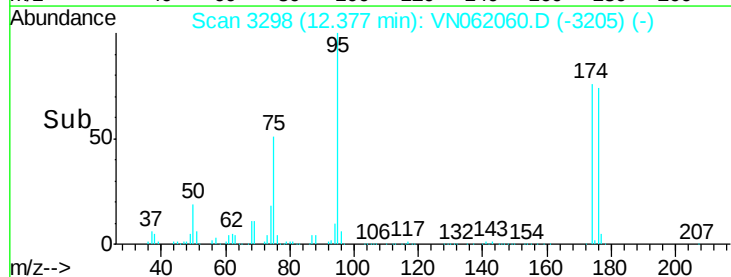
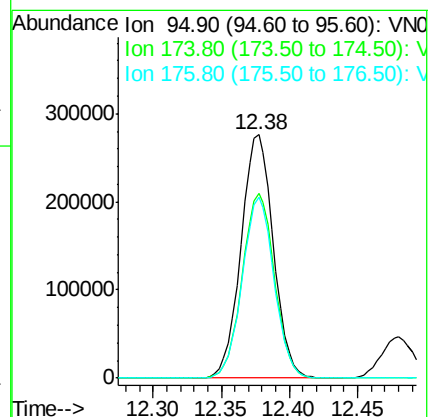
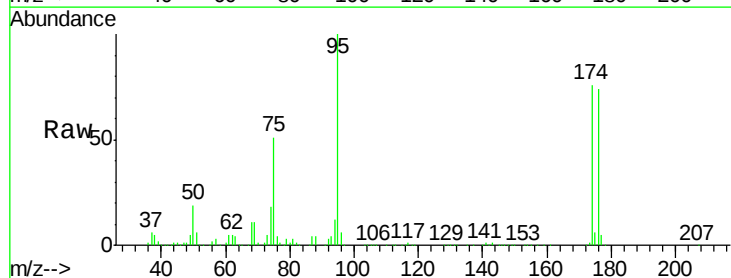
Tgt Ion: 95 Resp: 454047

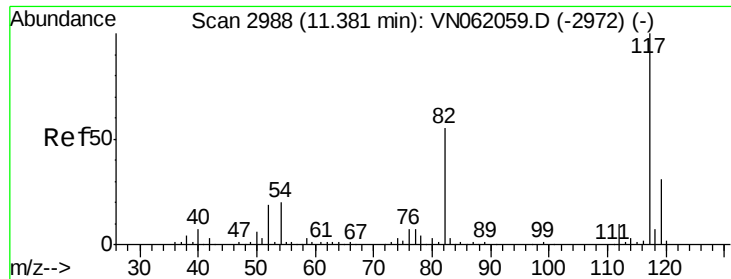
Ion Ratio Lower Upper

95 100

174 76.0 0.0 154.8

176 73.2 0.0 147.4

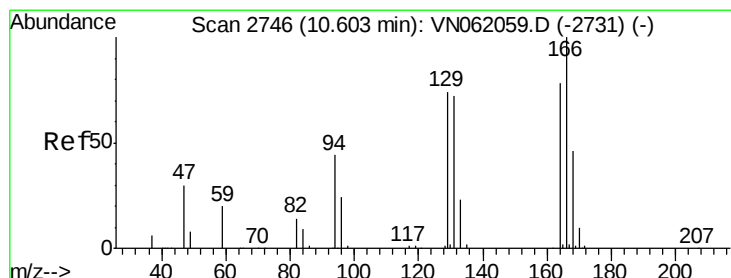
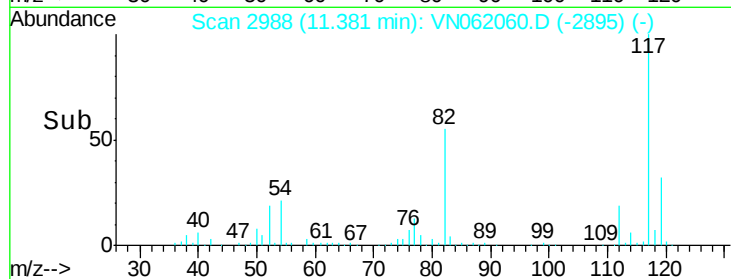
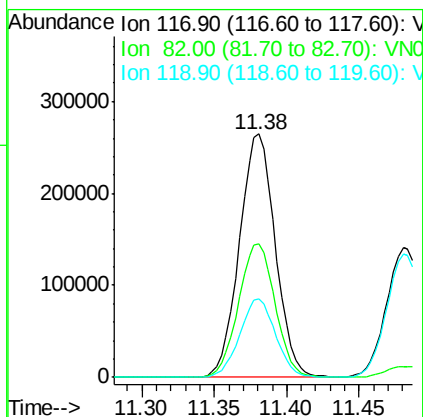
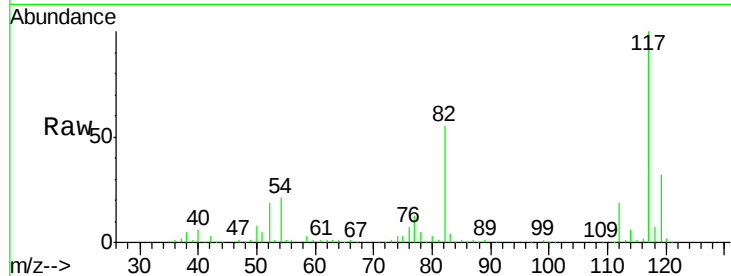




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

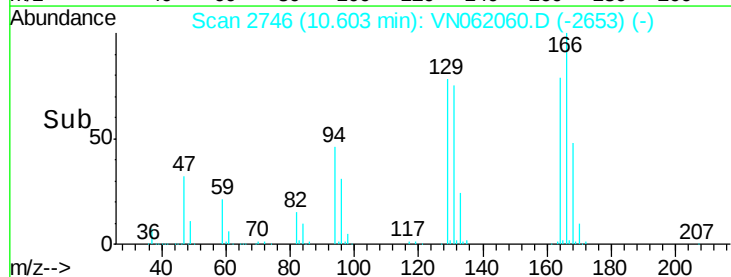
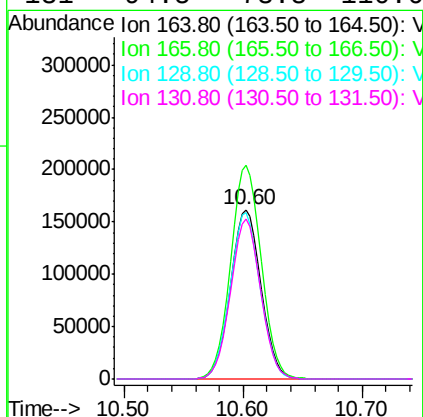
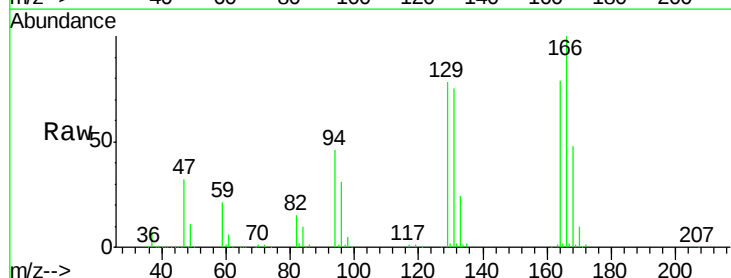
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

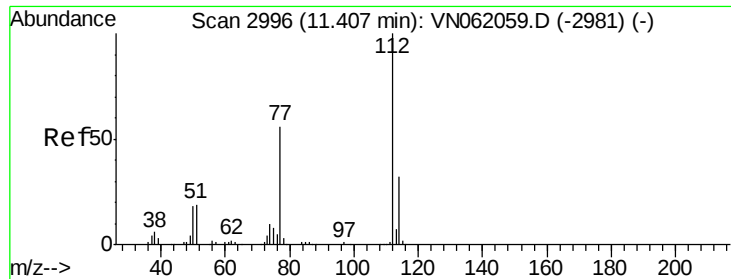
Tgt Ion:117 Resp: 455715
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.8
119 32.0 25.2 37.8



#64
Tetrachloroethene
Concen: 92.382 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion:164 Resp: 287581
Ion Ratio Lower Upper
164 100
166 126.1 102.9 154.3
129 98.3 75.8 113.8
131 94.5 73.8 110.6

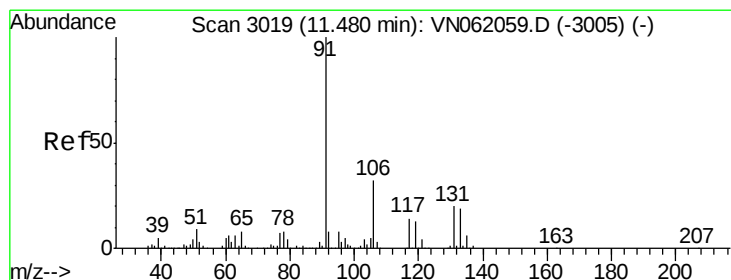
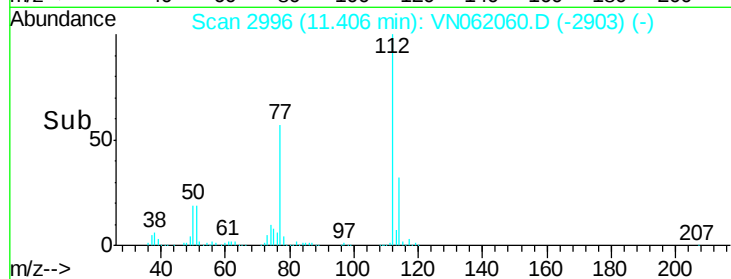
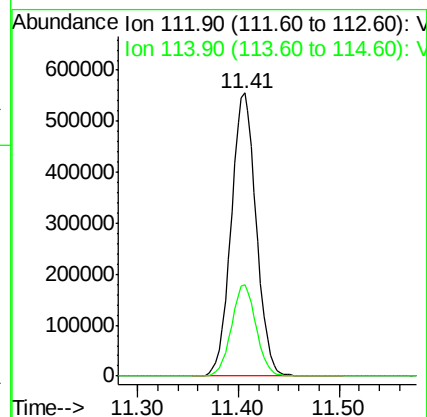
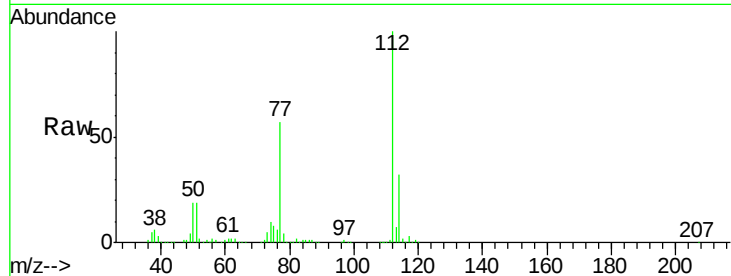




#65
Chlorobenzene
Concen: 95.957 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

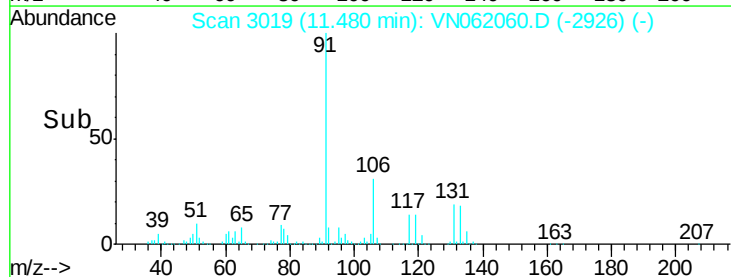
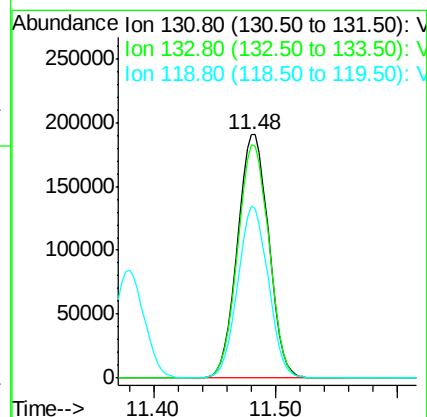
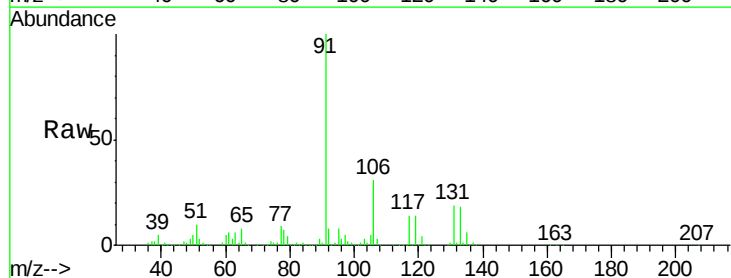
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

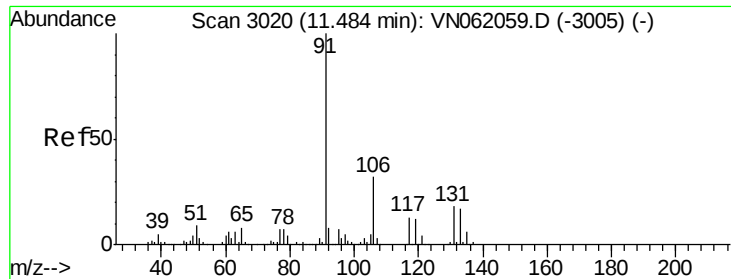
Tgt Ion:112 Resp: 960294
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 97.822 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion:131 Resp: 338516
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.9
119 69.1 34.4 103.3

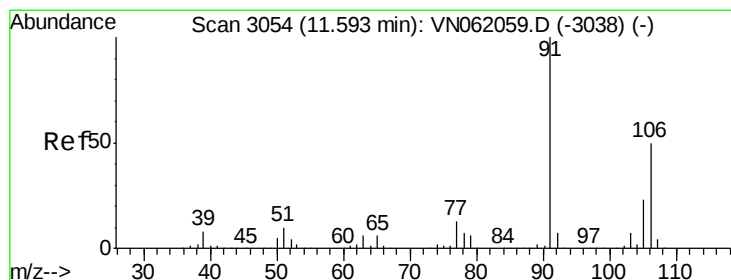
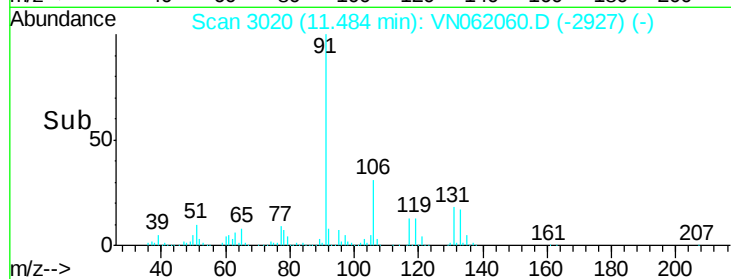
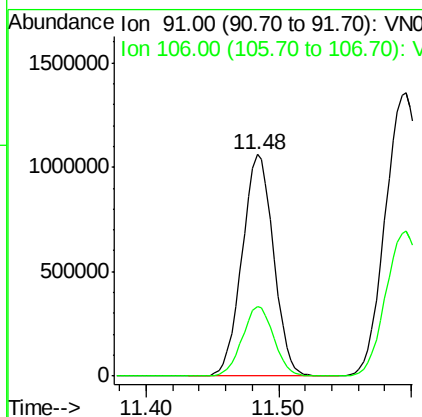
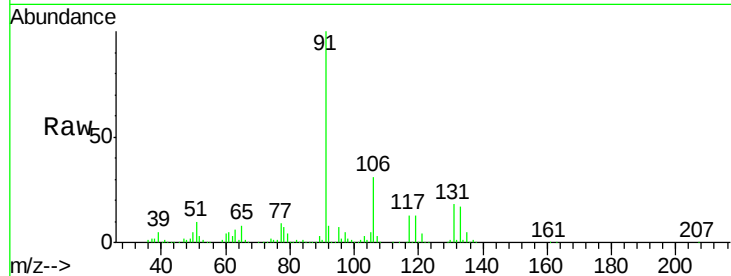




#67
Ethyl Benzene
Concen: 103.588 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

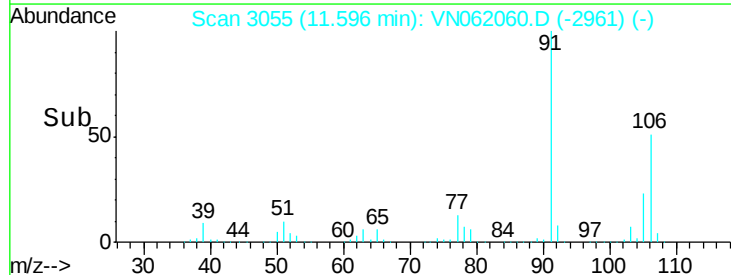
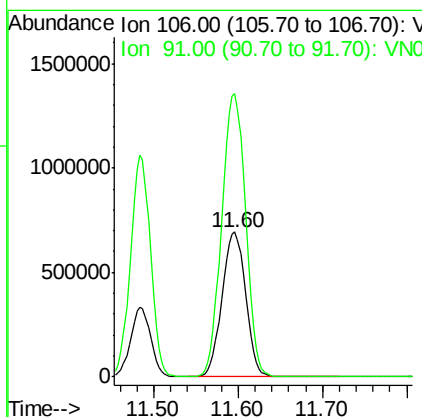
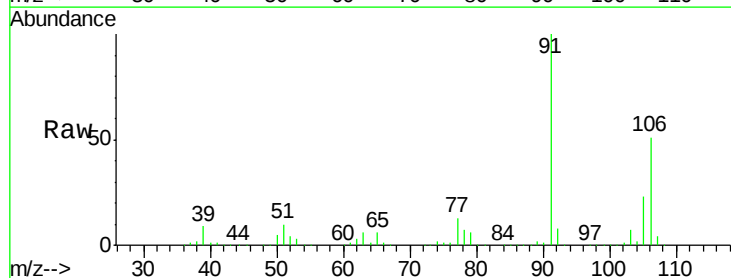
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tgt Ion: 91 Resp: 1750805
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 206.134 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion: 106 Resp: 1347547
Ion Ratio Lower Upper
106 100
91 197.7 157.8 236.8

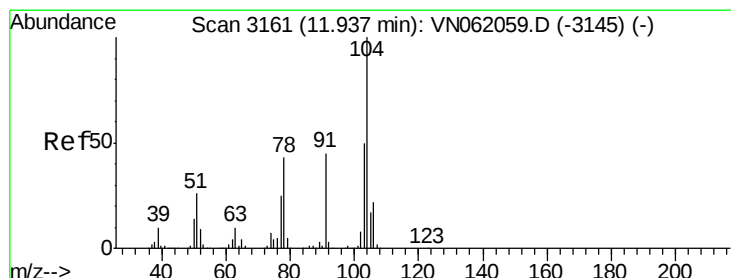
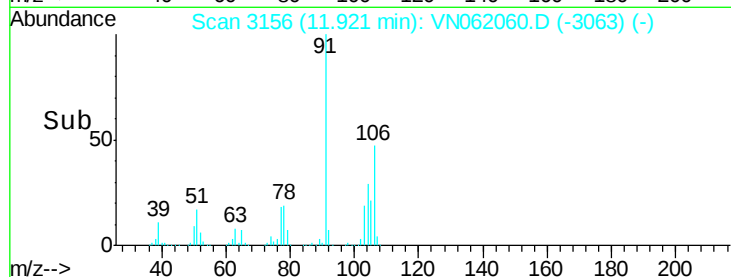
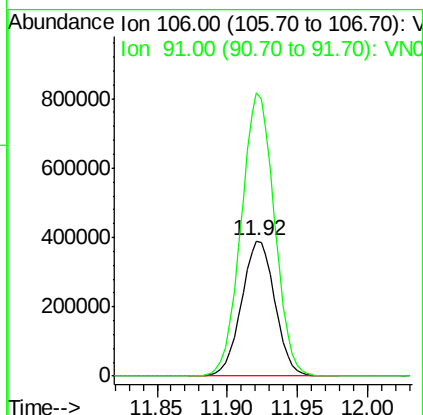
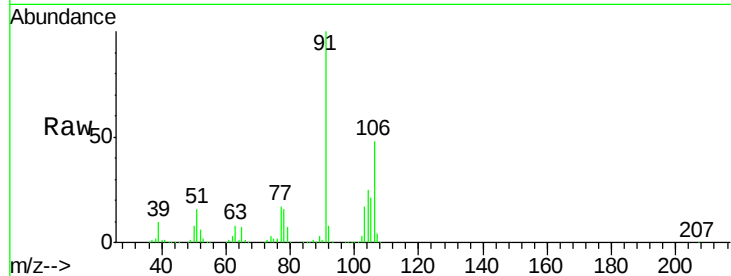




#69
o-Xylene
Concen: 104.823 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

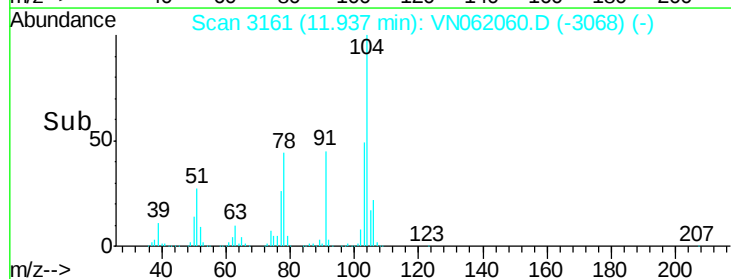
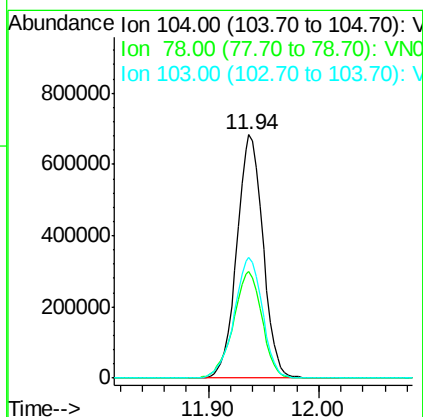
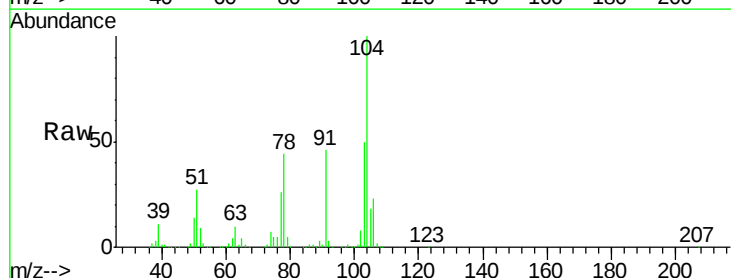
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

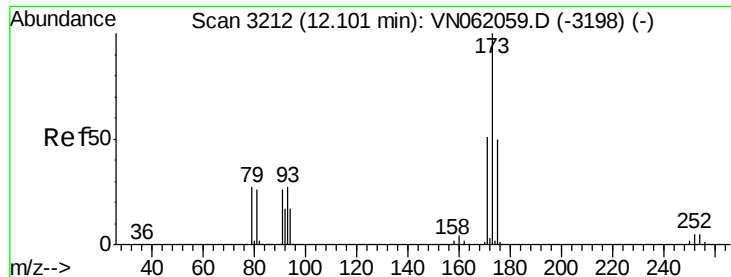
Tgt Ion:106 Resp: 646542
Ion Ratio Lower Upper
106 100
91 209.2 104.0 311.9



#70
Styrene
Concen: 109.171 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion:104 Resp: 1122998
Ion Ratio Lower Upper
104 100
78 48.1 37.7 56.5
103 53.5 43.0 64.6





#71

Bromoform

Concen: 104.518 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

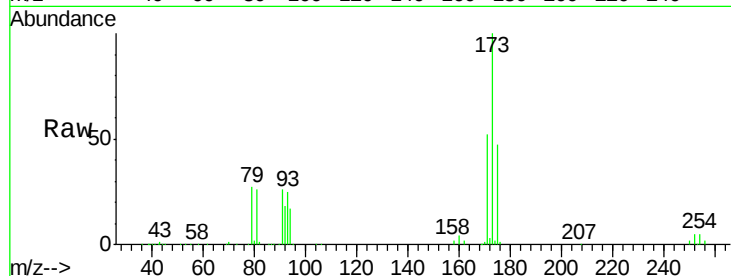
Tgt Ion:173 Resp: 257158

Ion Ratio Lower Upper

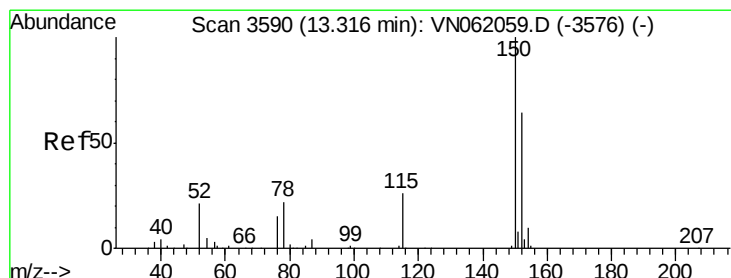
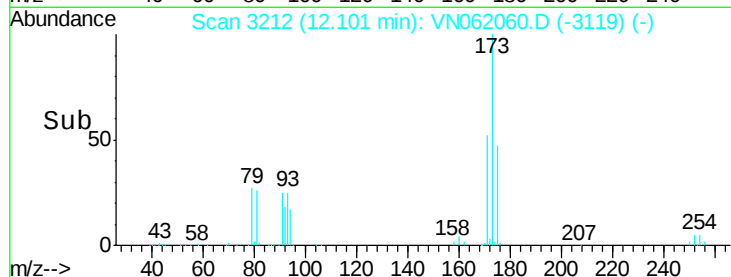
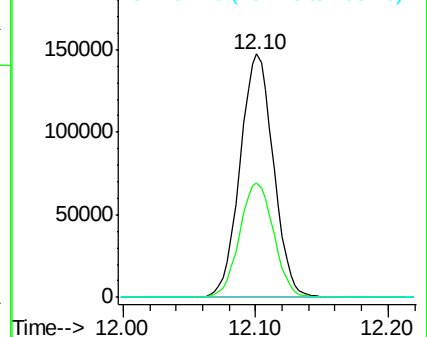
173 100

175 48.2 24.7 74.1

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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

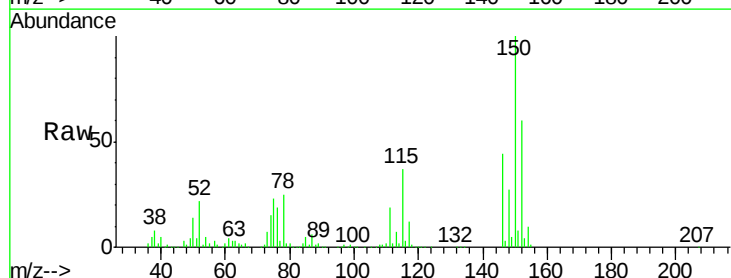
Tgt Ion:152 Resp: 225627

Ion Ratio Lower Upper

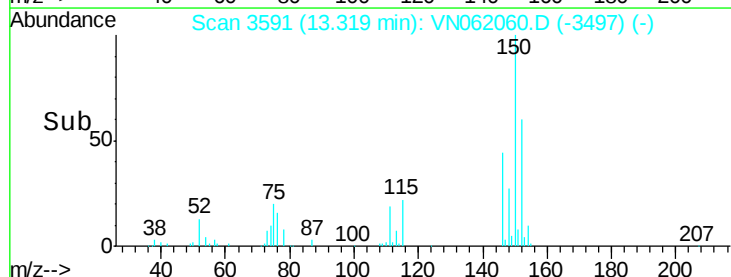
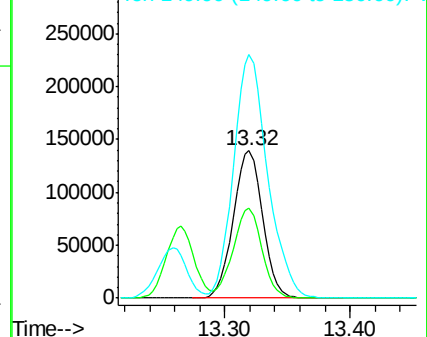
152 100

115 59.8 29.5 88.5

150 191.3 0.0 351.4



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: 97.910 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

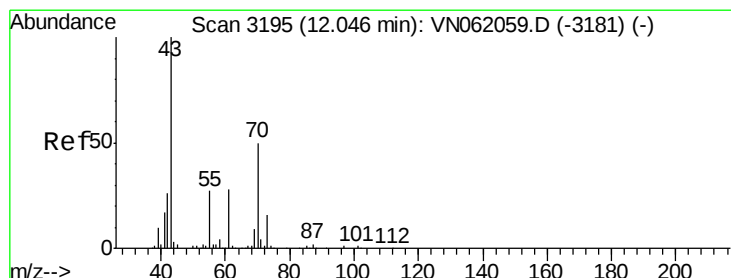
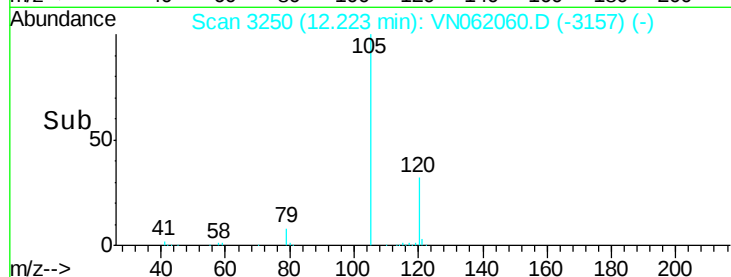
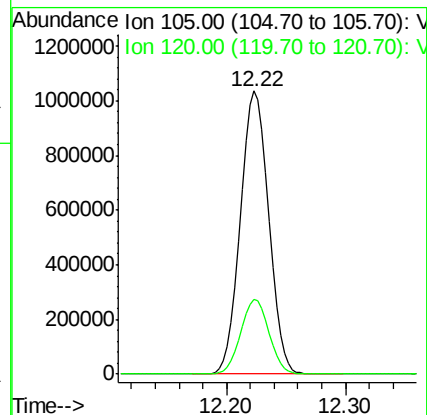
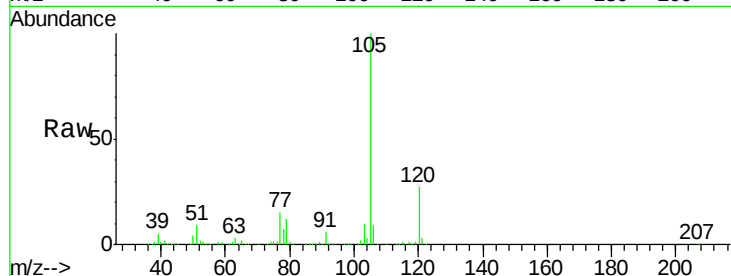
VSTDIC100

Tgt Ion:105 Resp: 1710023

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 96.871 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Tgt Ion: 43 Resp: 644398

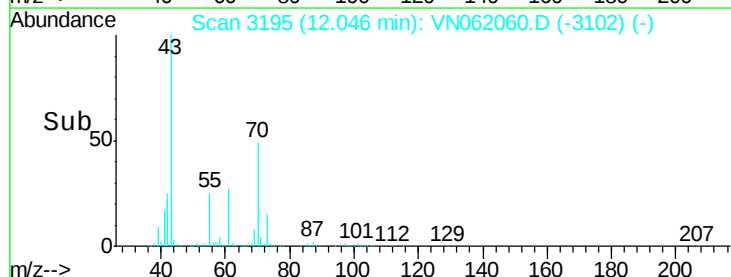
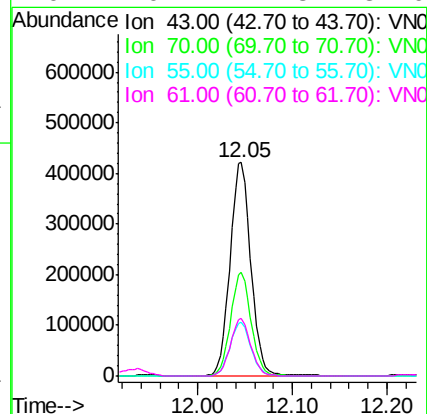
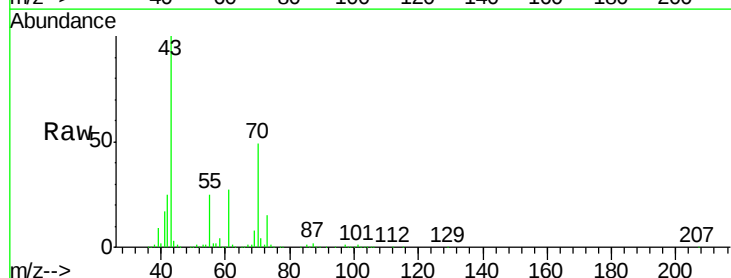
Ion Ratio Lower Upper

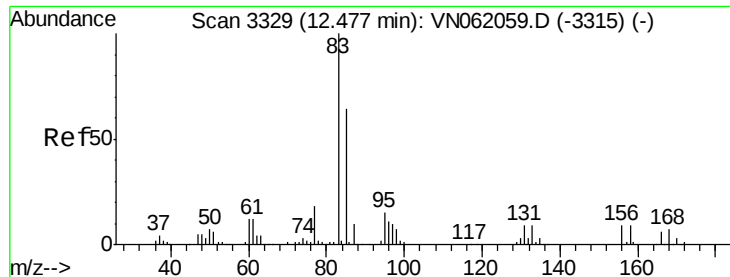
43 100

70 47.9 39.4 59.2

55 25.7 21.7 32.5

61 26.4 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 90.111 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

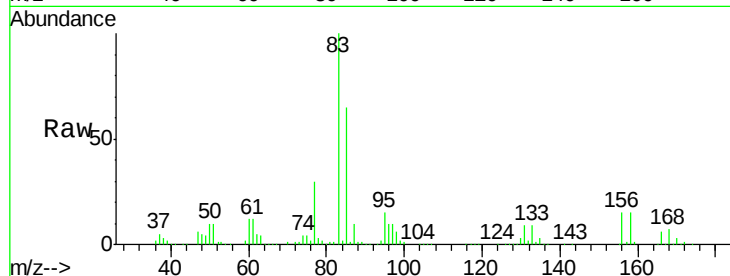
Tgt Ion: 83 Resp: 523729

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

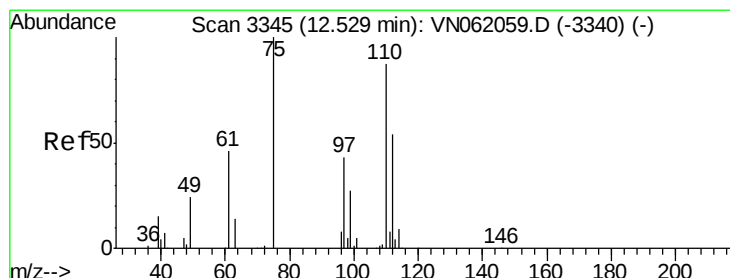
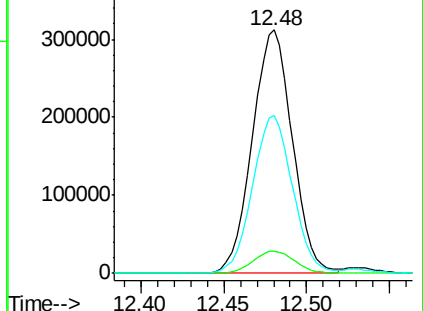
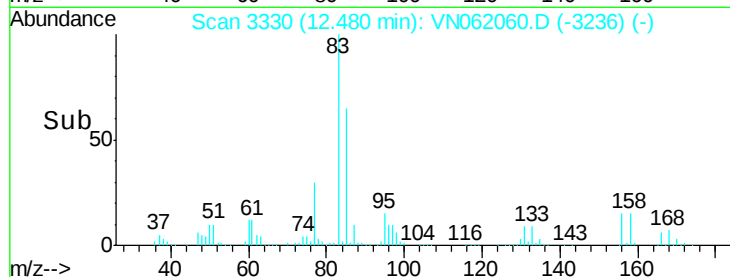
85 64.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN062059.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 121.591 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062060.D

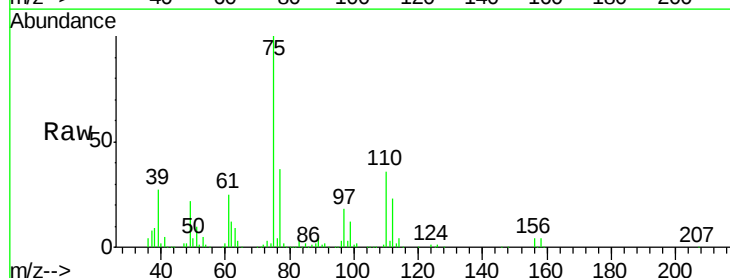
Acq: 24 Jun 2020 11:18

Tgt Ion: 75 Resp: 685342

Ion Ratio Lower Upper

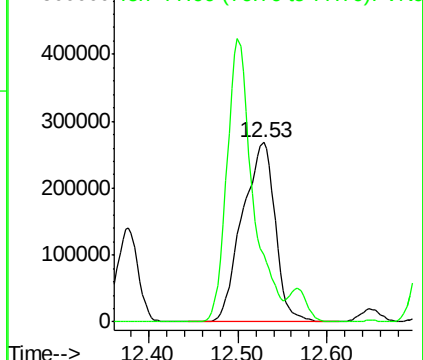
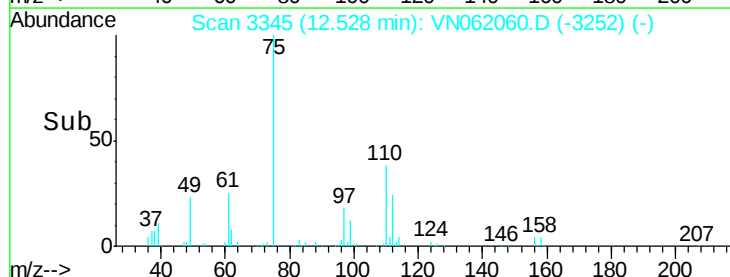
75 100

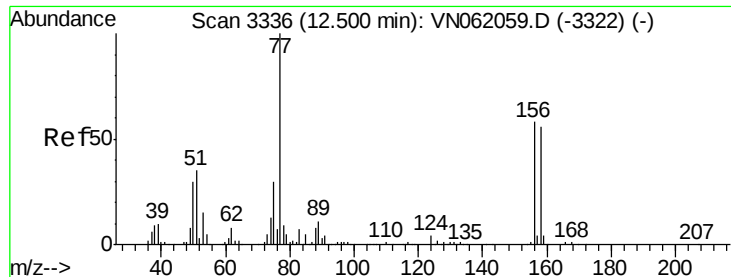
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062059.D (-3340) (-)

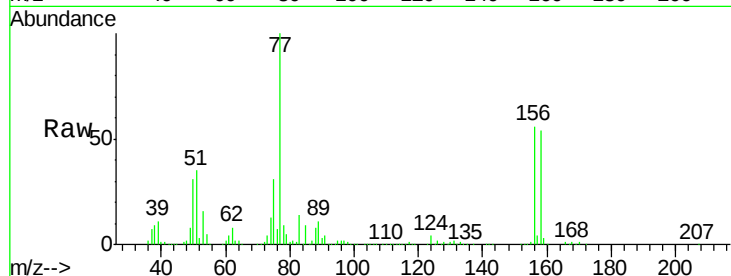




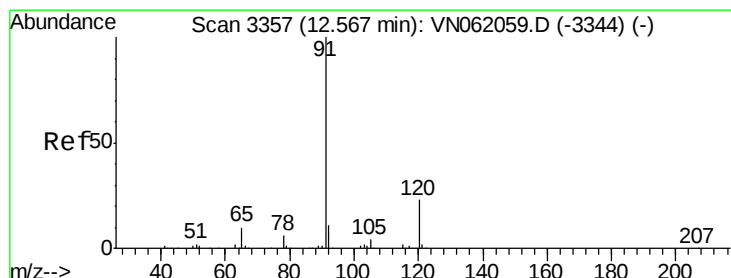
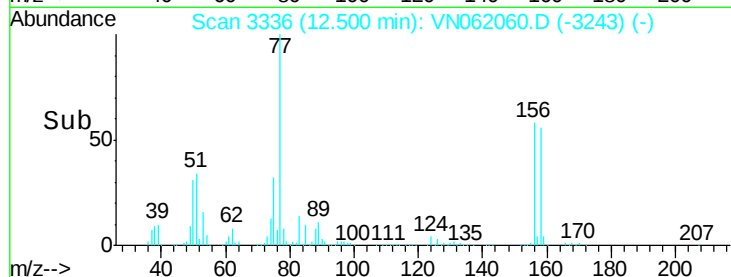
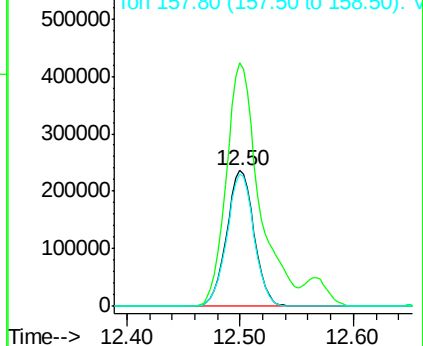
#77
Bromobenzene
Concen: 91.456 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:156 Resp: 396562
Ion Ratio Lower Upper
156 100
77 216.1 104.6 313.8
158 96.6 48.0 144.0

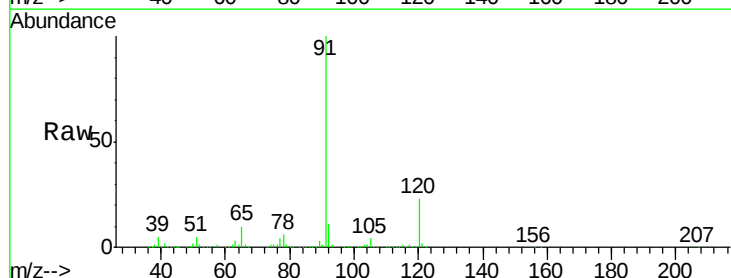


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

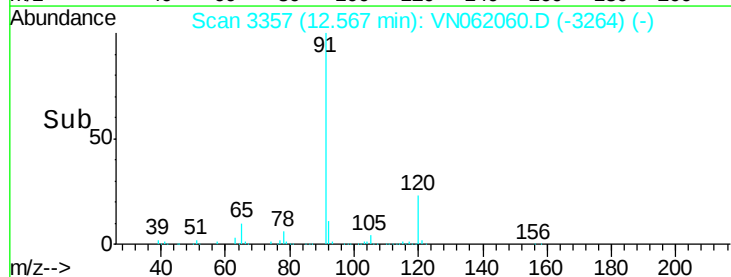
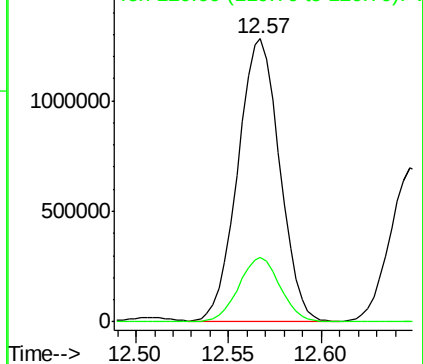


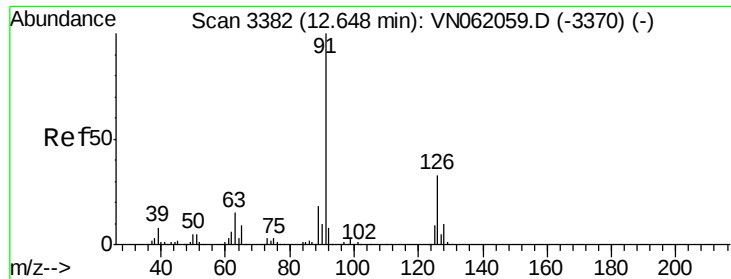
#78
n-propylbenzene
Concen: 99.908 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion: 91 Resp: 1995945
Ion Ratio Lower Upper
91 100
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 95.663 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

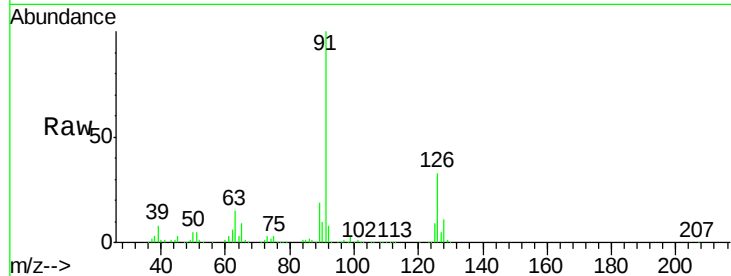
VSTDIC100

Tgt Ion: 91 Resp: 1155363

Ion Ratio Lower Upper

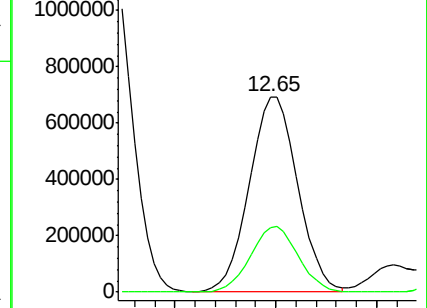
91 100

126 33.5 16.9 50.7

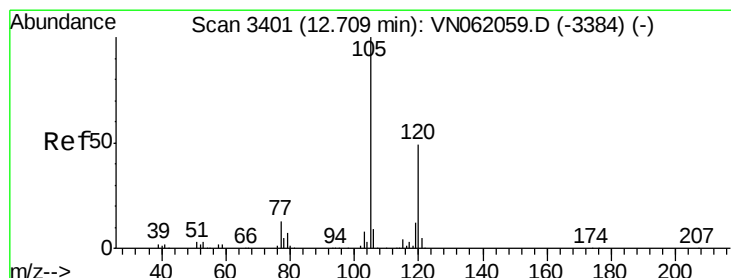
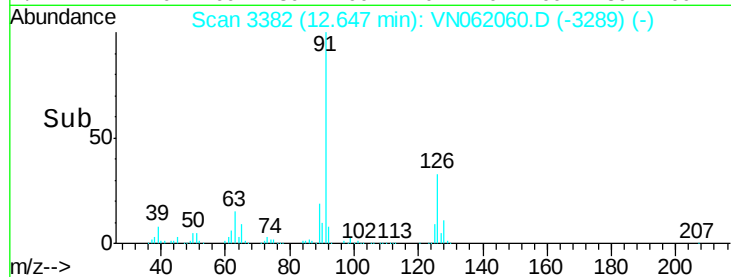


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 101.339 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062060.D

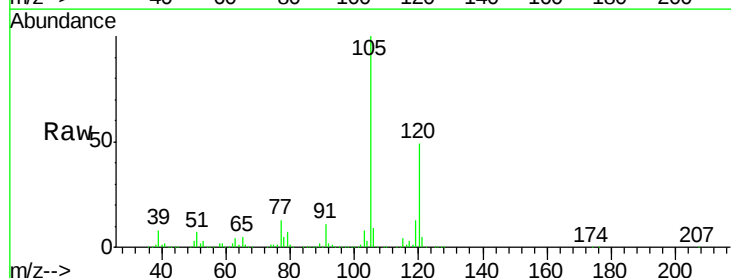
Acq: 24 Jun 2020 11:18

Tgt Ion: 105 Resp: 1434795

Ion Ratio Lower Upper

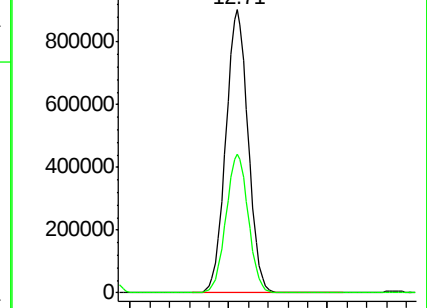
105 100

120 49.0 24.6 74.0

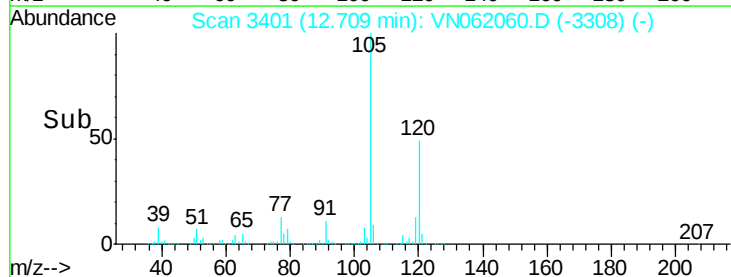


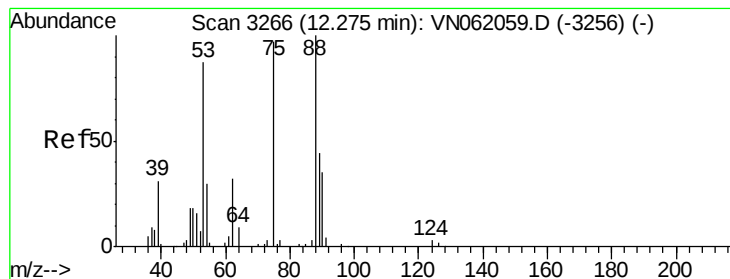
Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 104.784 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

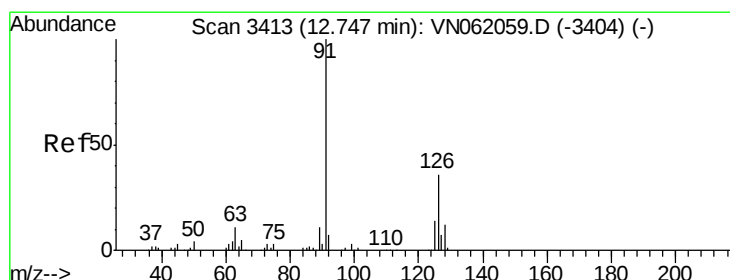
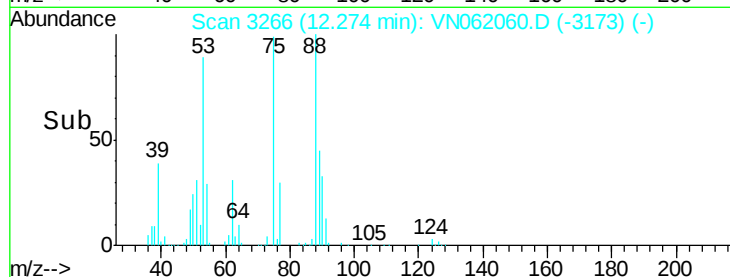
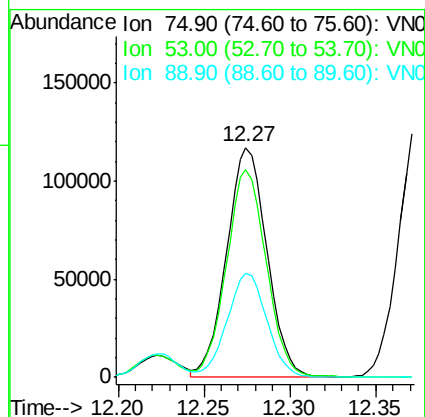
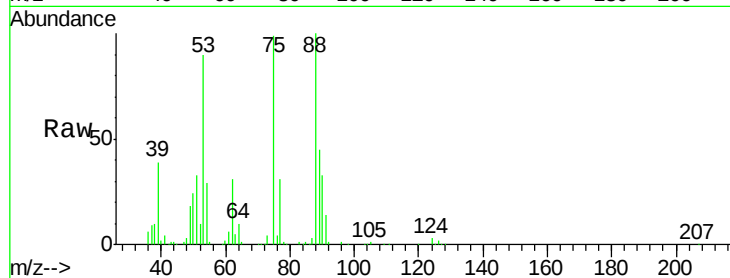
Tgt Ion: 75 Resp: 190577

Ion Ratio Lower Upper

75 100

53 90.2 72.0 108.0

89 45.1 36.9 55.3



#82

4-Chlorotoluene

Concen: 98.618 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062060.D

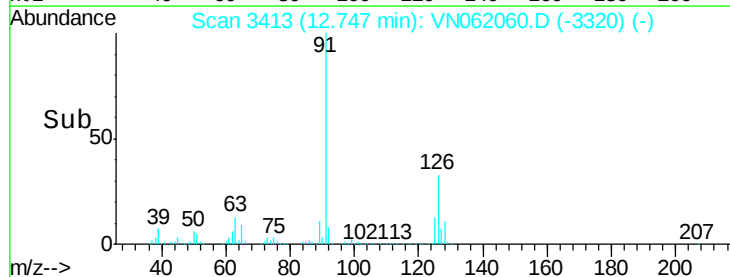
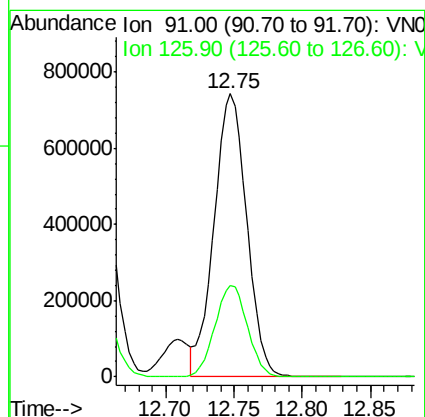
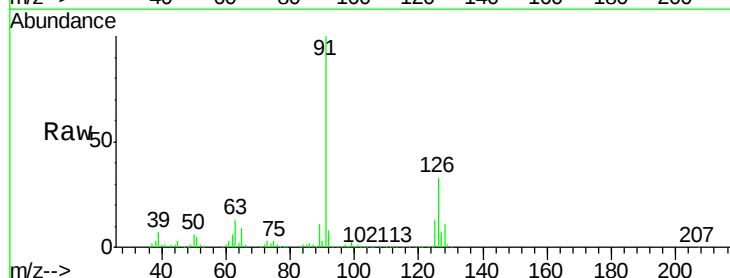
Acq: 24 Jun 2020 11:18

Tgt Ion: 91 Resp: 1231680

Ion Ratio Lower Upper

91 100

126 32.4 16.7 50.1

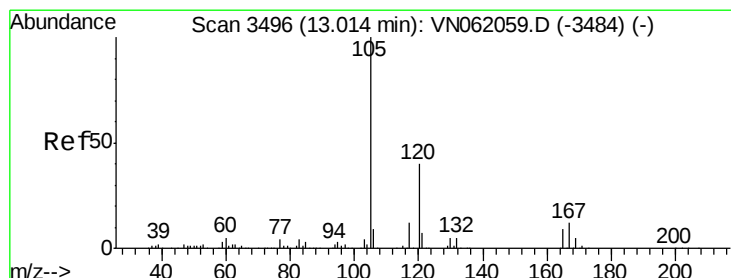
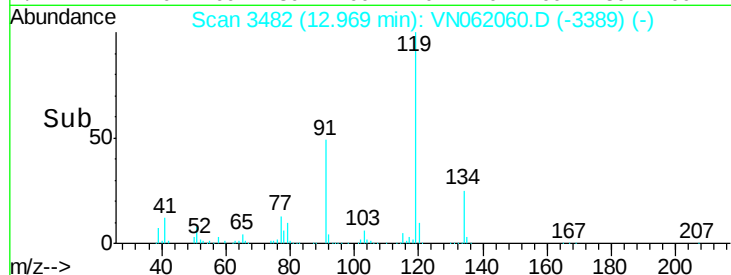
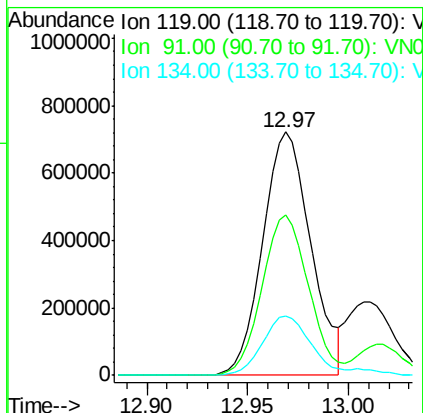
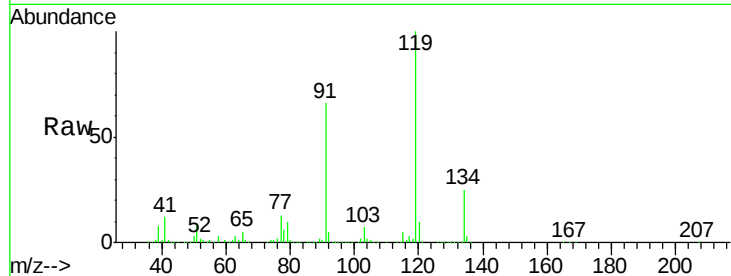




#83
 tert-Butylbenzene
 Concen: 98.852 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

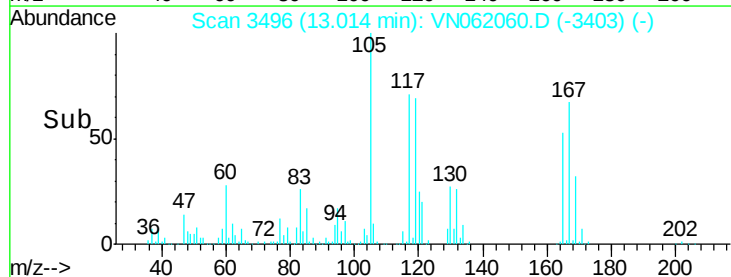
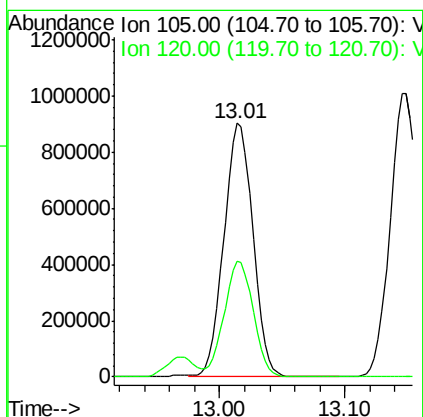
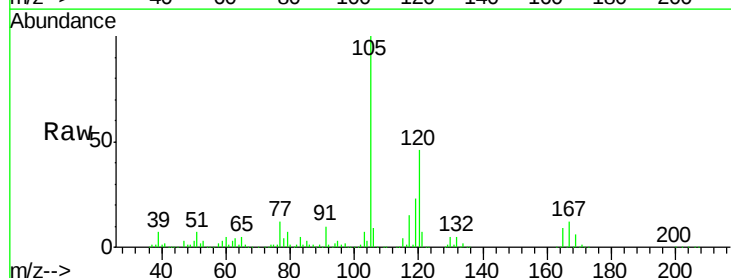
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

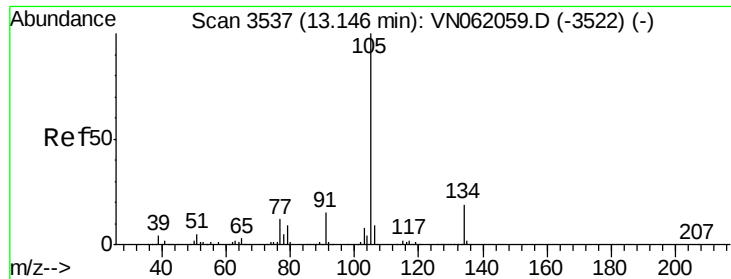
Tgt Ion:119 Resp: 1197764
 Ion Ratio Lower Upper
 119 100
 91 63.9 31.7 95.1
 134 26.0 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 102.171 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion:105 Resp: 1444751
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.2 69.5

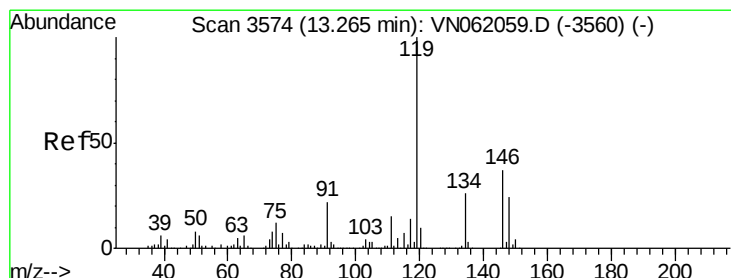
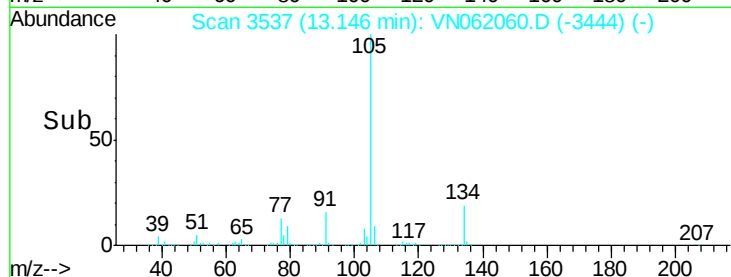
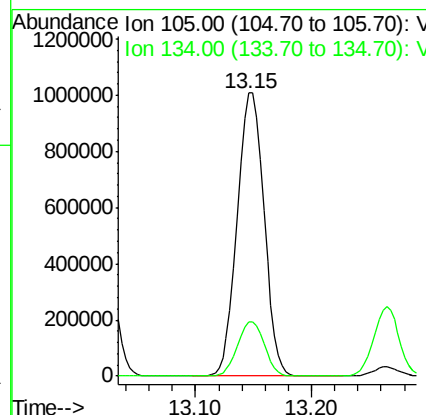
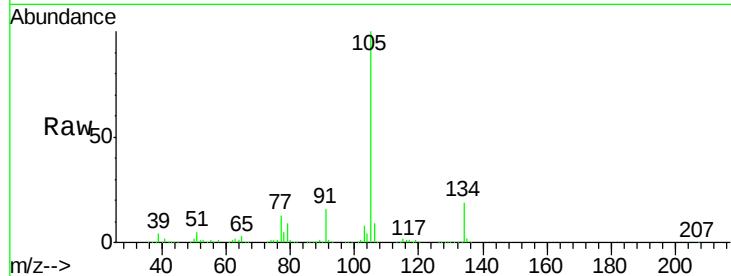




#85
 sec-Butylbenzene
 Concen: 100.643 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

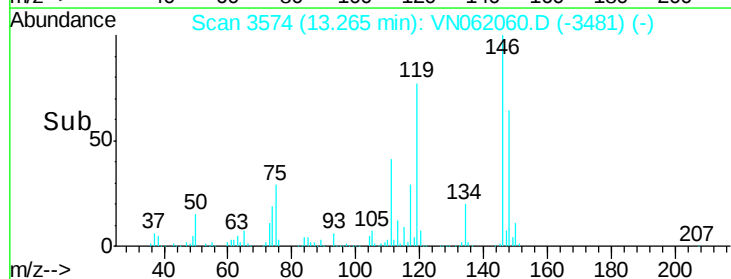
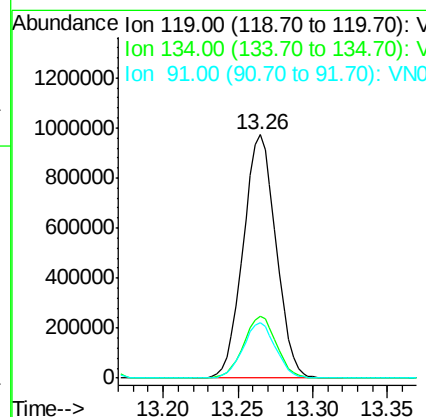
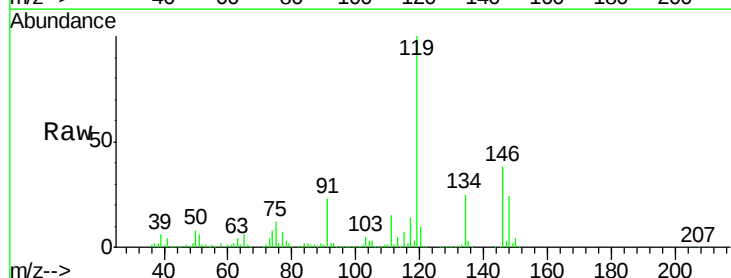
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

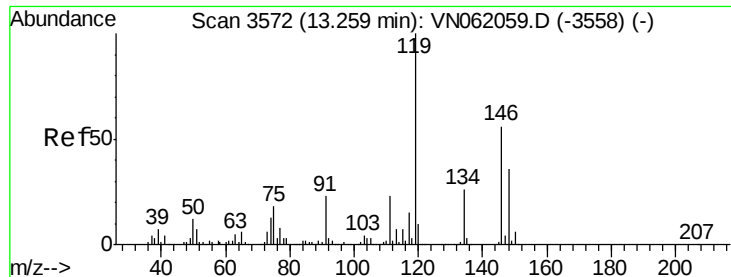
Tgt Ion:105 Resp: 1611379
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 105.549 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion:119 Resp: 1480578
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 22.6 11.3 33.8

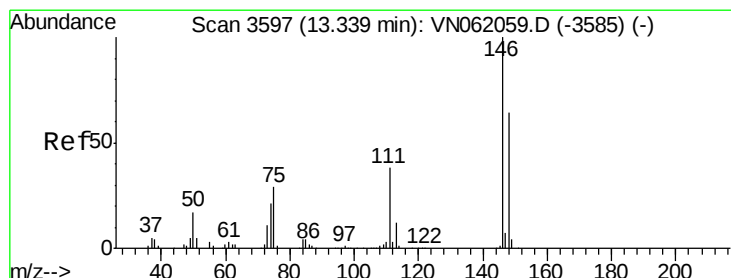
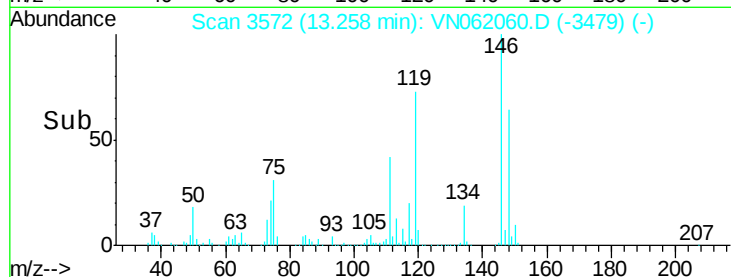
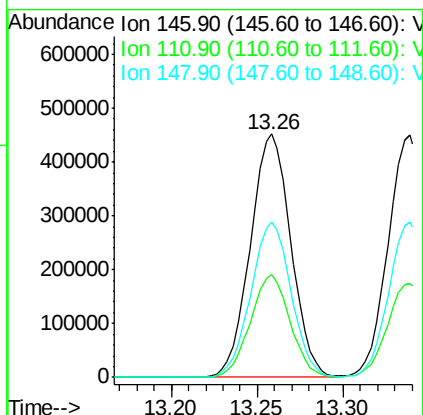
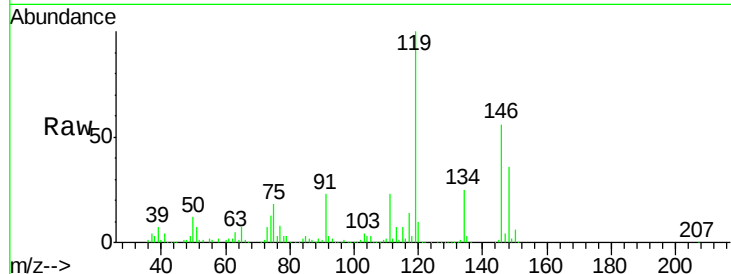




#87
 1,3-Dichlorobenzene
 Concen: 97.017 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

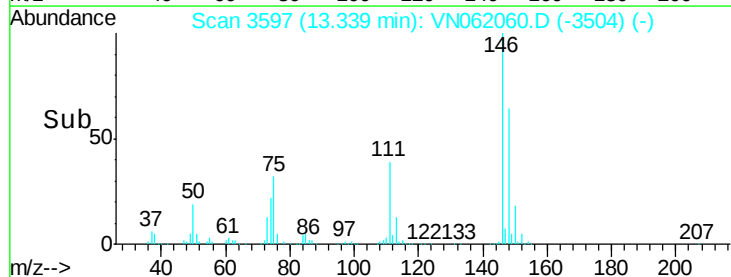
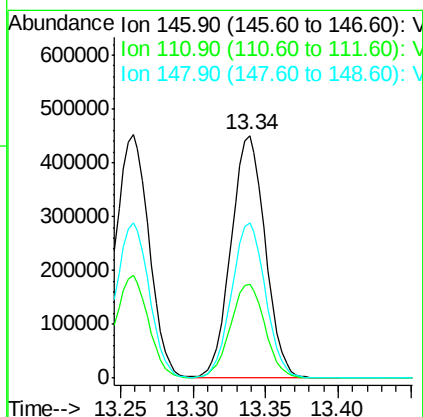
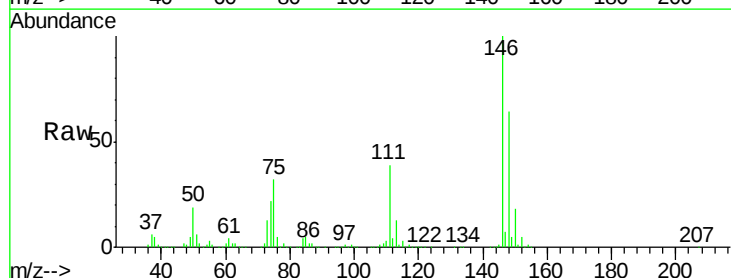
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

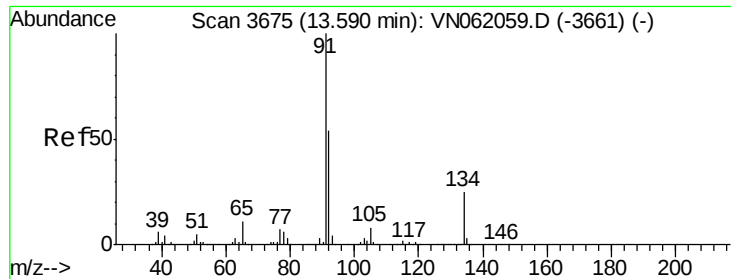
Tgt Ion:146 Resp: 738697
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 61.0
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 93.645 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion:146 Resp: 734997
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.9 59.6
 148 63.7 31.9 95.9





#89

n-Butylbenzene

Concen: 108.830 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

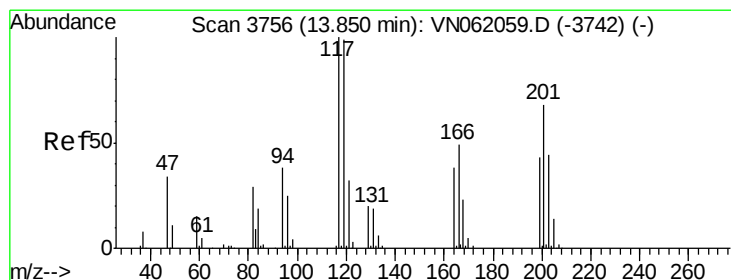
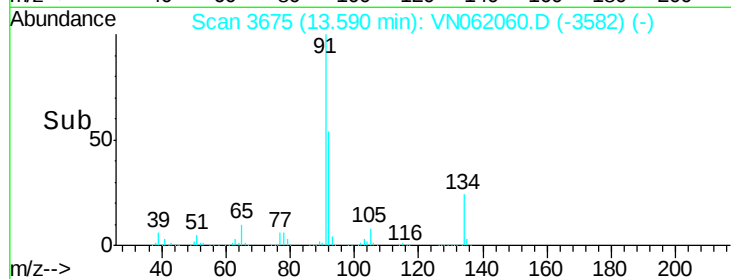
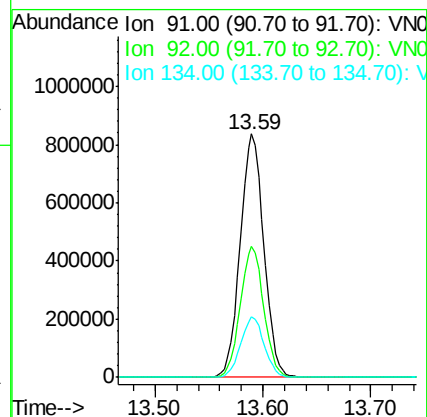
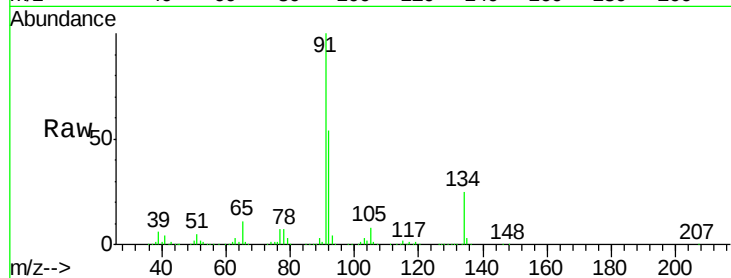
Tgt Ion: 91 Resp: 1269190

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.7

134 24.7 12.3 36.9



#90

Hexachloroethane

Concen: 97.794 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062060.D

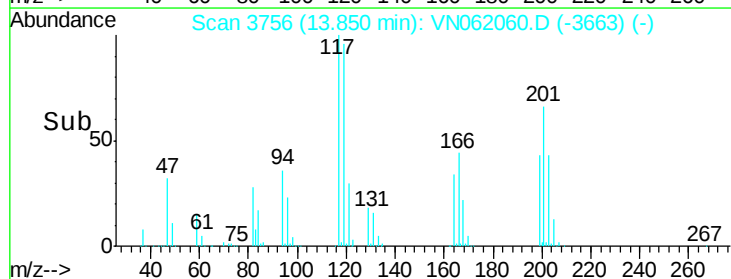
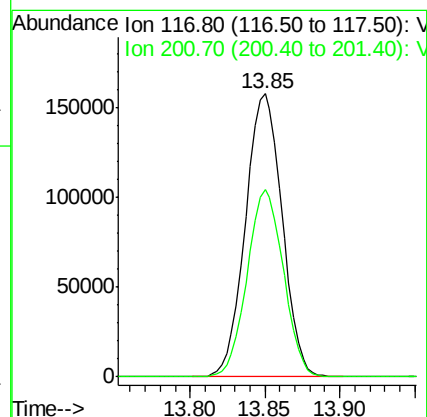
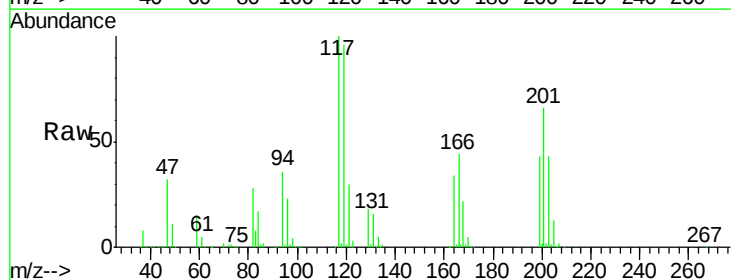
Acq: 24 Jun 2020 11:18

Tgt Ion: 117 Resp: 269144

Ion Ratio Lower Upper

117 100

201 65.3 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 94.970 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

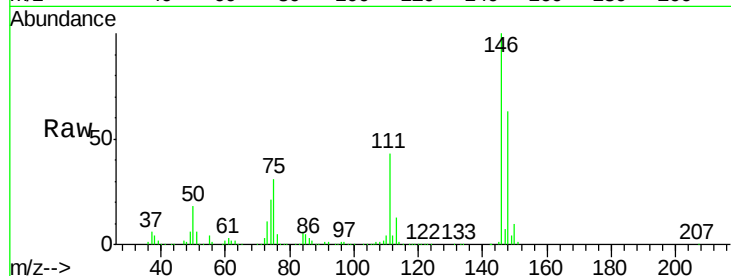
Tgt Ion:146 Resp: 701205

Ion Ratio Lower Upper

146 100

111 42.9 21.2 63.6

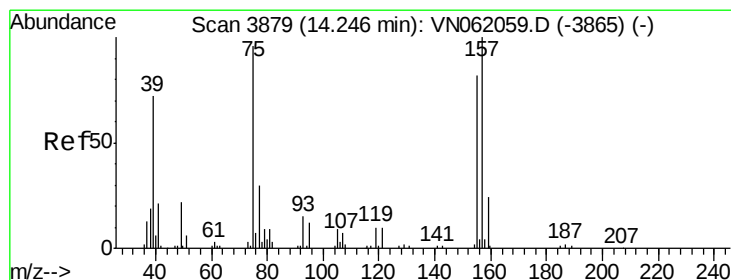
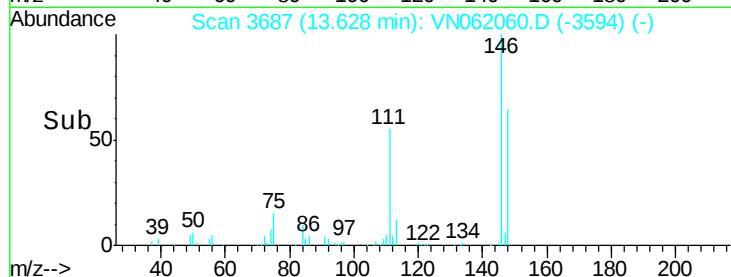
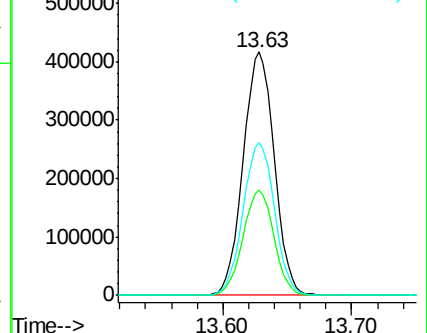
148 63.4 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 101.215 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

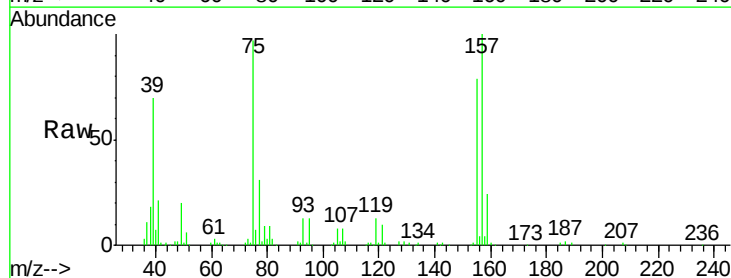
Tgt Ion: 75 Resp: 94237

Ion Ratio Lower Upper

75 100

155 82.5 40.8 122.4

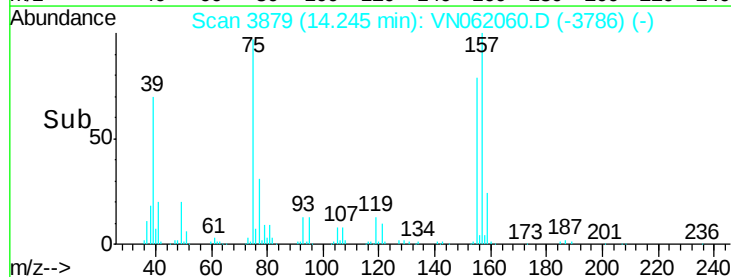
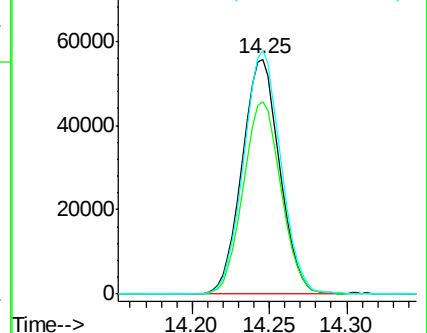
157 103.0 51.4 154.3

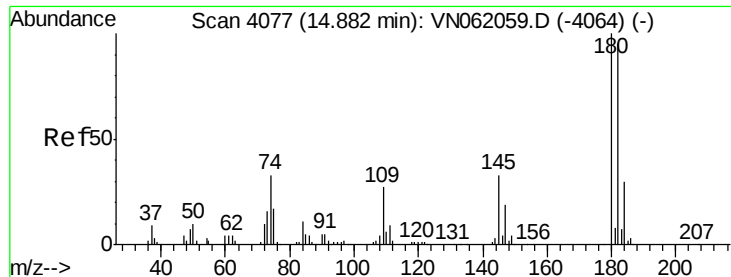


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

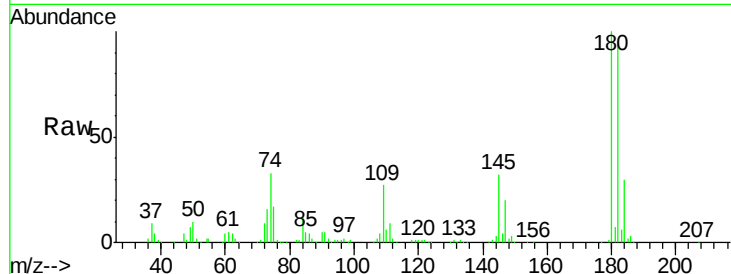




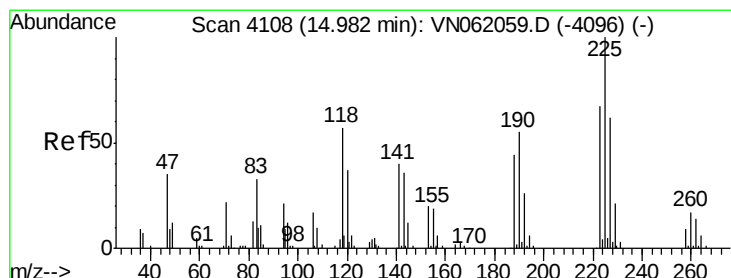
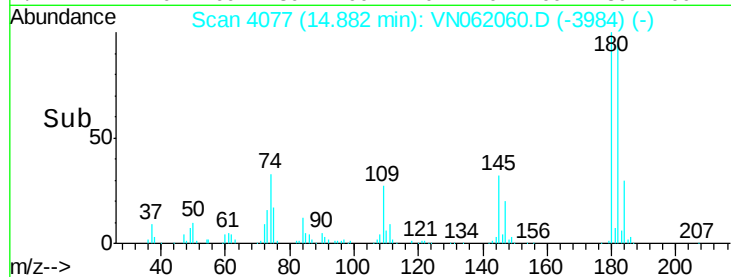
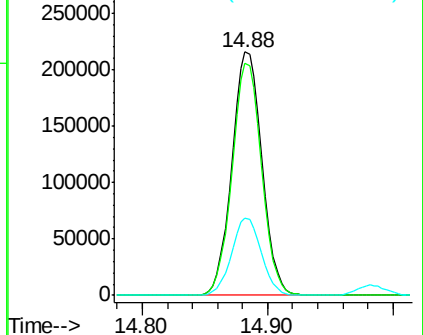
#93
 1,2,4-Trichlorobenzene
 Concen: 111.015 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.0	144.2
145	31.5	16.0	48.0

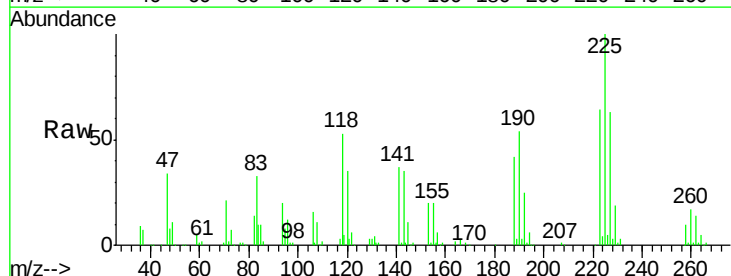


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

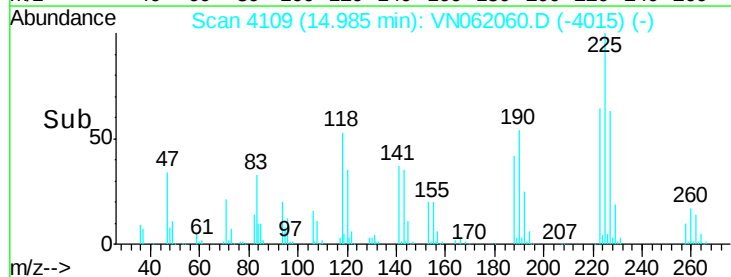
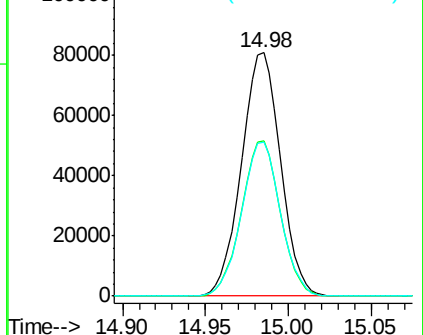


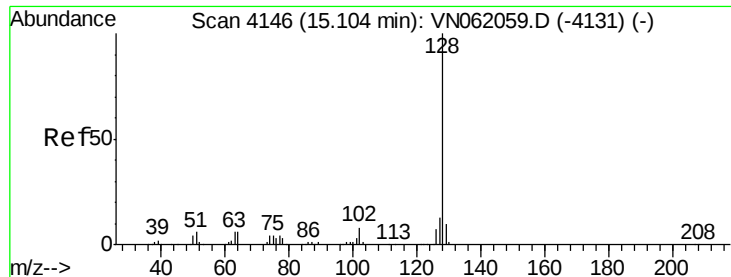
#94
 Hexachlorobutadiene
 Concen: 94.883 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.9	98.7
227	62.7	31.3	93.8



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

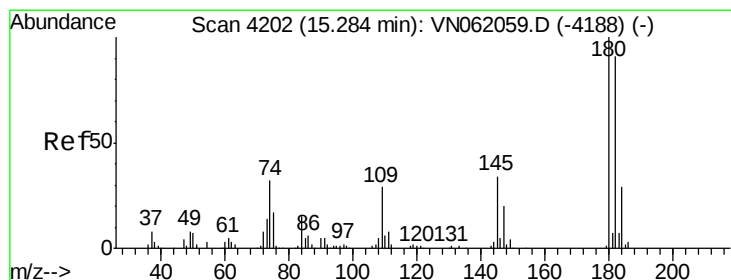
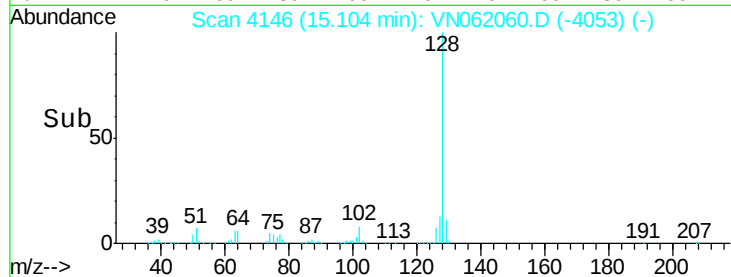
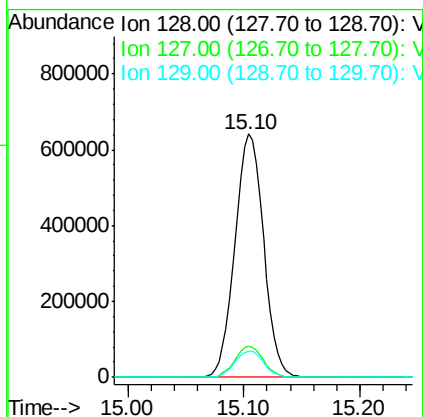
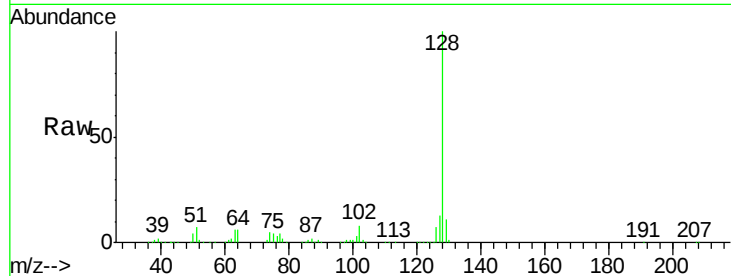




#95
Naphthalene
Concen: 97.705 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1095317
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 107.606 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion:180 Resp: 354897
Ion Ratio Lower Upper
180 100
182 94.6 46.8 140.4
145 33.3 16.4 49.2

