

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081720\
 Data File : VN062972.D
 Acq On : 17 Aug 2020 15:02
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 17 15:33:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 14:58:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	254432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	353944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	334609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180896	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	253743	64.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.90%	
35) Dibromofluoromethane	7.55	113	225005	93.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.72%	
50) Toluene-d8	10.06	98	867821	92.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.24%	
62) 4-Bromofluorobenzene	12.38	95	320317	92.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	291248	82.812	ug/l	99
3) Chloromethane	2.03	50	271842	81.183	ug/l	99
4) Vinyl Chloride	2.16	62	343862	103.860	ug/l	100
5) Bromomethane	2.50	94	233640	106.399	ug/l	98
6) Chloroethane	2.65	64	232895	107.260	ug/l	98
7) Trichlorofluoromethane	2.97	101	453477	80.426	ug/l	97
8) Diethyl Ether	3.37	74	164412	102.638	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.71	101	237045	94.176	ug/l	96
10) Methyl Iodide	3.91	142	341854	121.536	ug/l	99
11) Tert butyl alcohol	4.74	59	207024	326.774	ug/l	99
12) 1,1-Dichloroethene	3.69	96	225743	94.530	ug/l	94
13) Acrolein	3.56	56	156725	398.610	ug/l	98
14) Allyl chloride	4.27	41	316775	73.643	ug/l	99
15) Acrylonitrile	4.93	53	613211	399.025	ug/l	100
16) Acetone	3.77	43	615867	430.310	ug/l	95
17) Carbon Disulfide	4.00	76	635826	90.400	ug/l	99
18) Methyl Acetate	4.28	43	254338	65.981	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	715076	76.058	ug/l	100
20) Methylene Chloride	4.50	84	235423	77.186	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	205557	81.905	ug/l	97
22) Diisopropyl ether	5.90	45	714438	78.410	ug/l	97
23) Vinyl Acetate	5.84	43	2466177	357.896	ug/l	100
24) 1,1-Dichloroethane	5.80	63	396788	73.873	ug/l	100
25) 2-Butanone	6.79	43	733202	363.568	ug/l	98
26) 2,2-Dichloropropane	6.77	77	320126	66.134	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	252074	84.151	ug/l	98
28) Bromochloromethane	7.15	49	202523	77.974	ug/l	98
29) Tetrahydrofuran	7.17	42	491902	374.591	ug/l	98
30) Chloroform	7.33	83	408413	72.152	ug/l	99
31) Cyclohexane	7.61	56	392620	80.176	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	342469	68.598	ug/l	99
36) 1,1-Dichloropropene	7.75	75	291036	86.764	ug/l	99
37) Ethyl Acetate	6.88	43	271086	78.748	ug/l	99
38) Carbon Tetrachloride	7.73	117	304687	77.014	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	406158	98.344	ug/l	98
40) Benzene	8.00	78	928840	91.182	ug/l	99
41) Methacrylonitrile	7.17	41	420124	277.080	ug/l #	8
42) 1,2-Dichloroethane	8.09	62	297906	71.603	ug/l	100
43) Isopropyl Acetate	8.13	43	451858	78.834	ug/l	99
44) Trichloroethene	8.80	130	246111	97.534	ug/l	95
45) 1,2-Dichloropropane	9.09	63	240780	88.038	ug/l	99
46) Dibromomethane	9.18	93	156489	87.238	ug/l	99
47) Bromodichloromethane	9.37	83	327705	82.666	ug/l	98
48) Methyl methacrylate	9.17	41	215822	76.800	ug/l	98
49) 1,4-Dioxane	9.17	88	92859	1761.361	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1448505	391.256	ug/l	99
52) Toluene	10.12	92	590407	93.701	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	368050	84.748	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	393626	88.833	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	243866	90.375	ug/l	99
56) Ethyl methacrylate	10.40	69	375880	95.061	ug/l	98
57) 1,3-Dichloropropane	10.68	76	393629	87.288	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	443228	405.026	ug/l	99
59) 2-Hexanone	10.72	43	1074730	391.206	ug/l	98
60) Dibromochloromethane	10.87	129	285476	93.459	ug/l	100
61) 1,2-Dibromoethane	10.98	107	252403	94.929	ug/l	99
64) Tetrachloroethene	10.60	164	221581	101.235	ug/l	99
65) Chlorobenzene	11.41	112	668858	96.044	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	260564	93.890	ug/l	99
67) Ethyl Benzene	11.48	91	1167253	94.981	ug/l	99
68) m/p-Xylenes	11.60	106	907533	201.439	ug/l	99
69) o-Xylene	11.92	106	435118	103.290	ug/l	100
70) Styrene	11.94	104	779622	105.354	ug/l	99
71) Bromoform	12.10	173	235013	102.508	ug/l #	98
73) Isopropylbenzene	12.22	105	1186538	88.969	ug/l	100
74) N-amyl acetate	12.05	43	411786	79.181	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	367625	78.379	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	467488	99.823	ug/l #	100
77) Bromobenzene	12.50	156	328855	96.715	ug/l	99
78) n-propylbenzene	12.57	91	1364808	87.478	ug/l	100
79) 2-Chlorotoluene	12.65	91	806741	82.854	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1038596	89.932	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	129539	85.124	ug/l	97
82) 4-Chlorotoluene	12.75	91	854693	84.990	ug/l	100
83) tert-Butylbenzene	12.97	119	901715	91.840	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1027462	92.937	ug/l	100
85) sec-Butylbenzene	13.15	105	1189224	92.359	ug/l	100
86) p-Isopropyltoluene	13.27	119	1108491	96.874	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	582735	96.717	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	584151	96.347	ug/l	100
89) n-Butylbenzene	13.59	91	906365	94.305	ug/l	99
90) Hexachloroethane	13.85	117	204176	83.403	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	557002	98.270	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	68831	71.108	ug/l	96

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VSTDICC100

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Quant Title : SW846 8260
QLast Update : Mon Aug 17 14:58:09 2020
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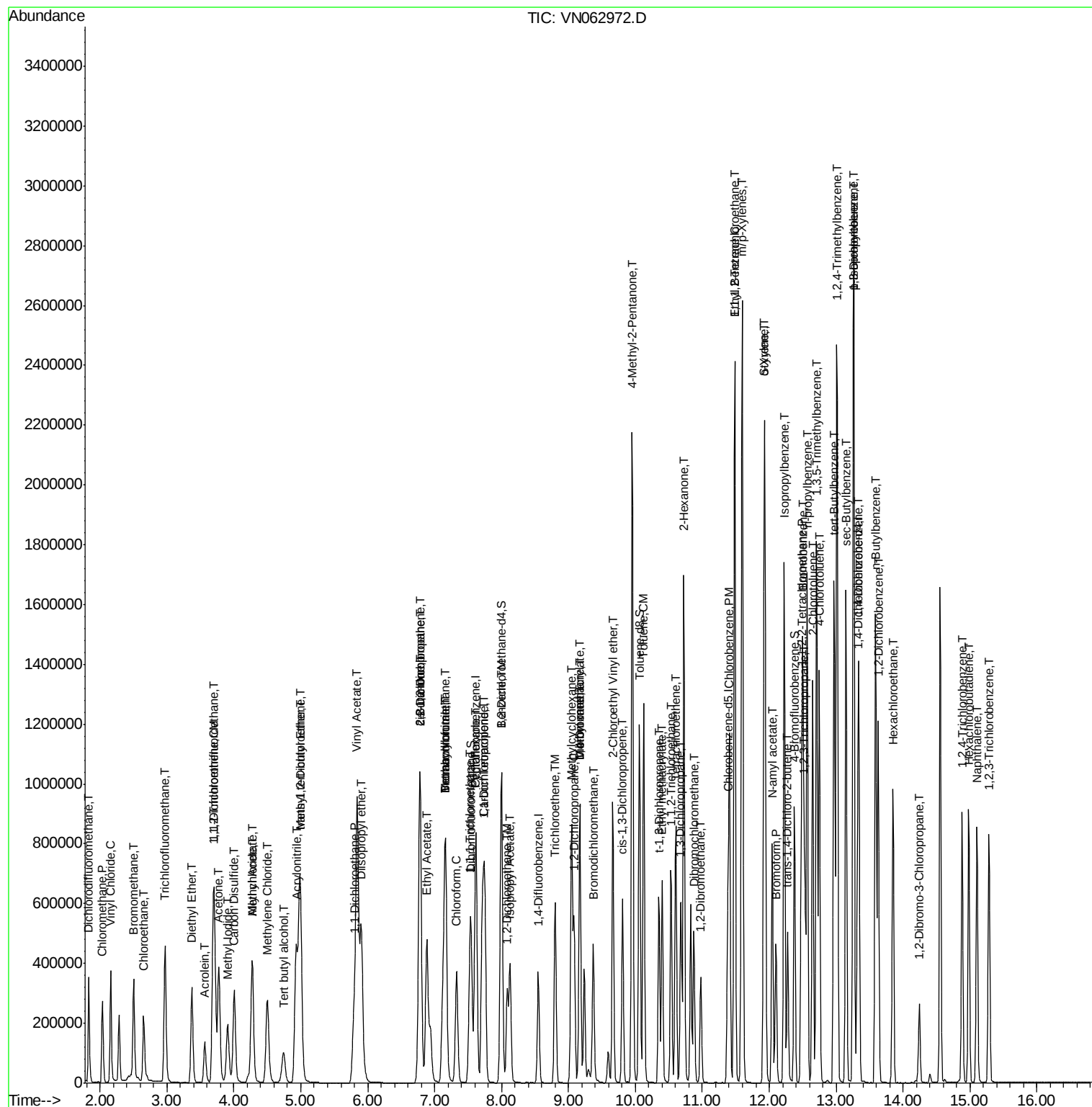
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	320306	119.363	ug/l	99
94) Hexachlorobutadiene	14.98	225	204186	101.475	ug/l	99
95) Naphthalene	15.10	128	762828	110.756	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	316527	121.862	ug/l	98

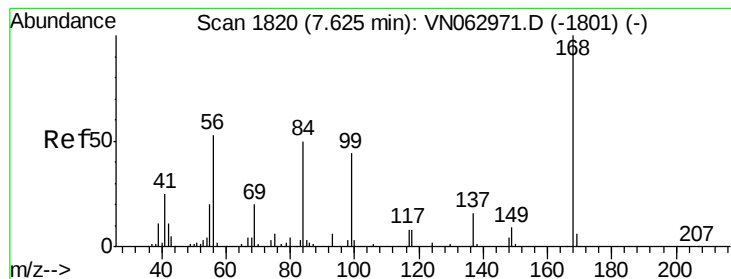
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081720\
Data File : VN062972.D
Acq On : 17 Aug 2020 15:02
Operator : JC/MD
Sample : VSTDIC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Quant Time: Aug 17 15:33:24 2020
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Quant Title : SW846 8260
QLast Update : Mon Aug 17 14:58:09 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

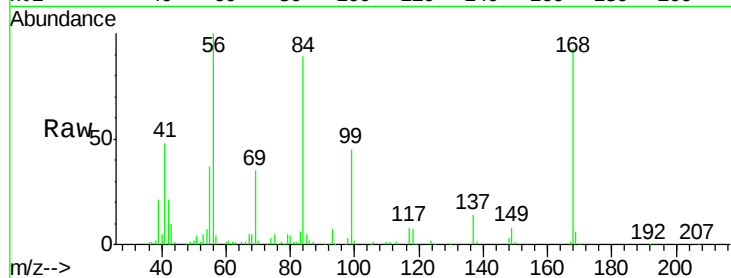
VSTDIC100

Tgt Ion:168 Resp: 254432

Ion Ratio Lower Upper

168 100

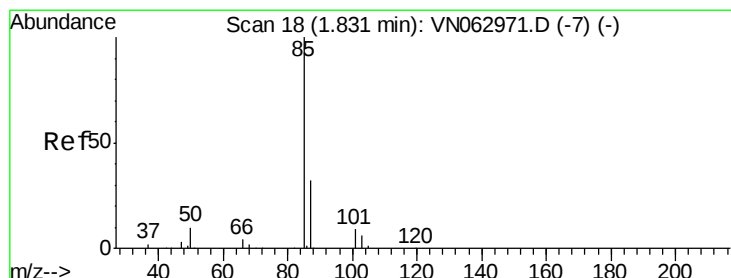
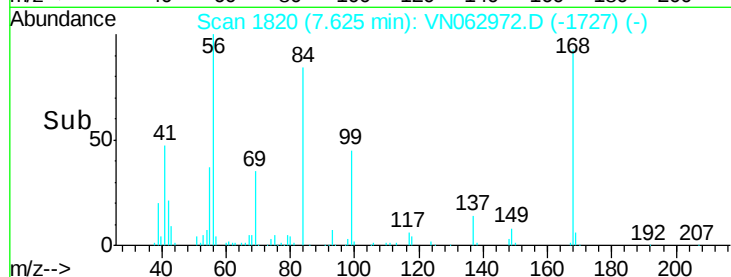
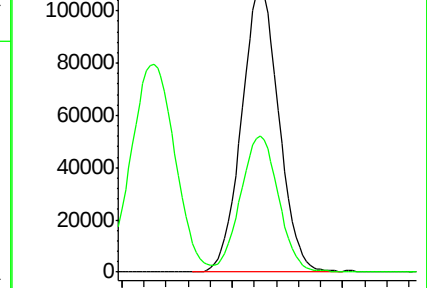
99 47.6 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63



#2

Dichlorodifluoromethane

Concen: 82.812 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062972.D

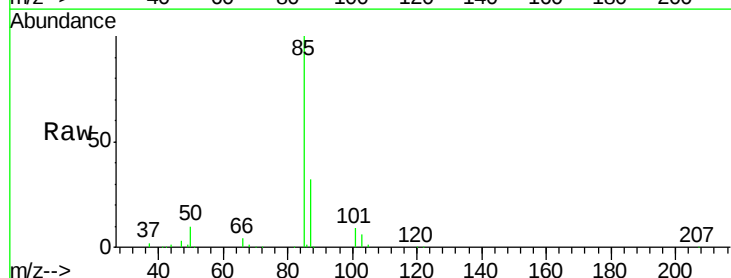
Acq: 17 Aug 2020 15:02

Tgt Ion: 85 Resp: 291248

Ion Ratio Lower Upper

85 100

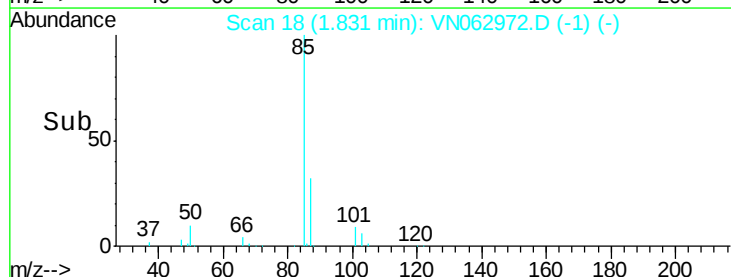
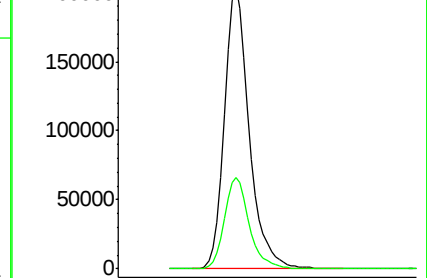
87 32.3 15.9 47.7

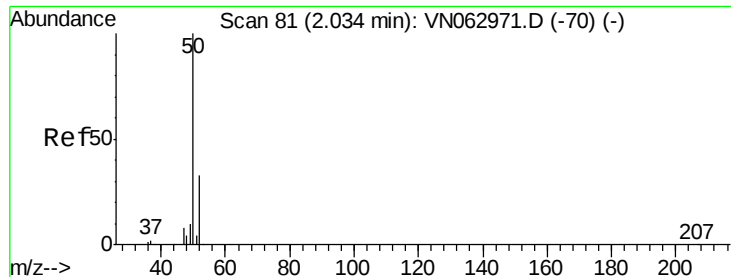


Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83





#3

Chloromethane

Concen: 81.183 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

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ClientSampleId :

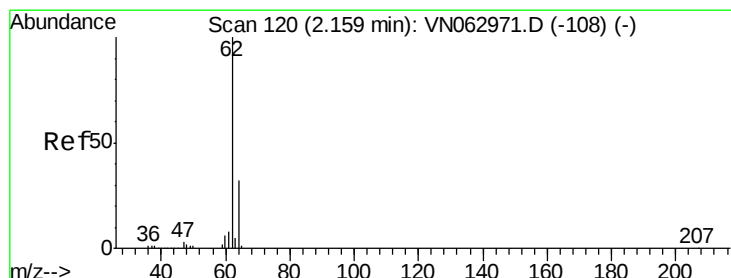
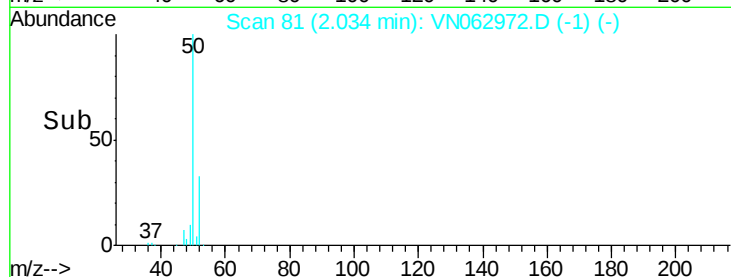
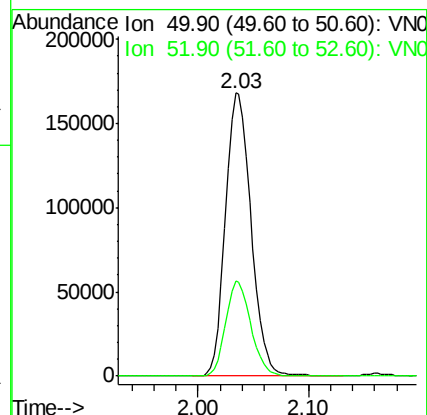
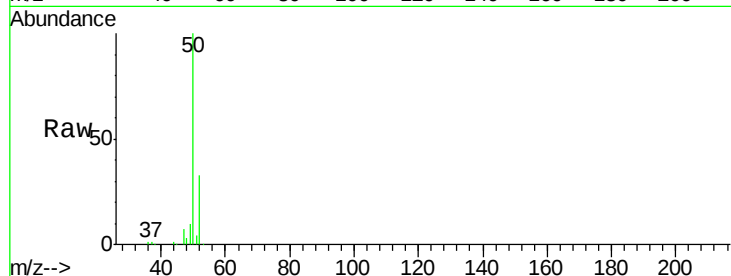
VSTDICC100

Tgt Ion: 50 Resp: 271842

Ion Ratio Lower Upper

50 100

52 33.5 26.2 39.2



#4

Vinyl Chloride

Concen: 103.860 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062972.D

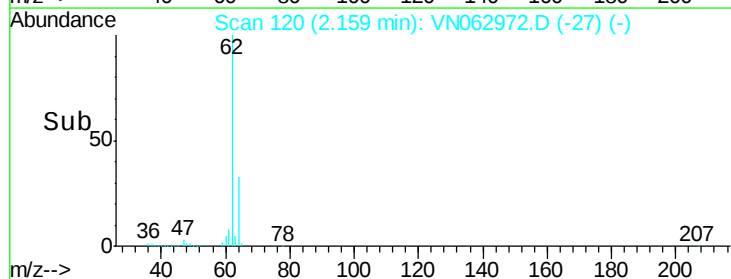
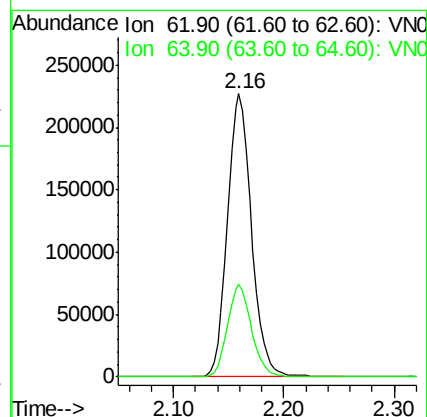
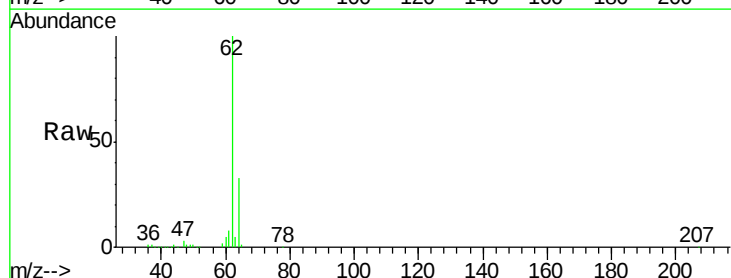
Acq: 17 Aug 2020 15:02

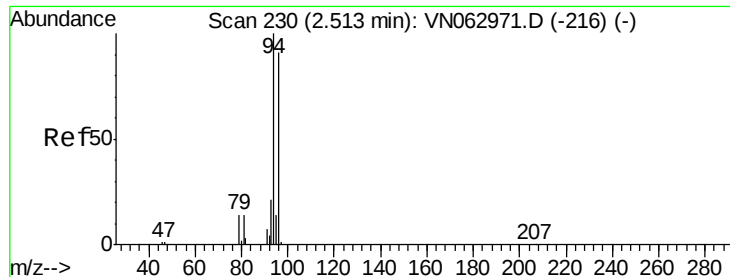
Tgt Ion: 62 Resp: 343862

Ion Ratio Lower Upper

62 100

64 32.6 25.9 38.9





#5

Bromomethane

Concen: 106.399 ug/l

RT: 2.50 min Scan# 227

Delta R.T. -0.01 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

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ClientSampleId :

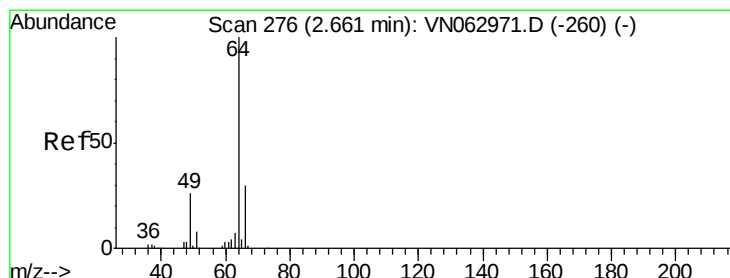
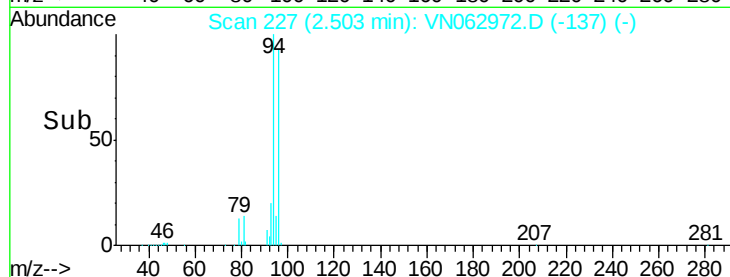
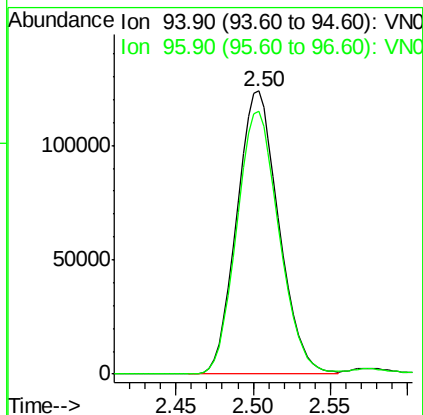
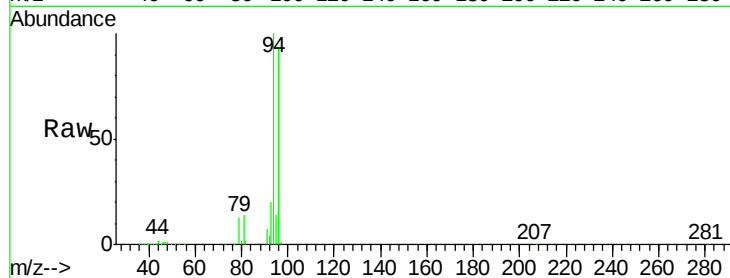
VSTDIC100

Tgt Ion: 94 Resp: 233640

Ion Ratio Lower Upper

94 100

96 92.7 72.9 109.3



#6

Chloroethane

Concen: 107.260 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.01 min

Lab File: VN062972.D

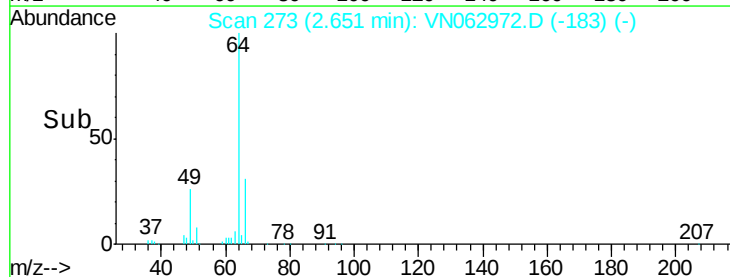
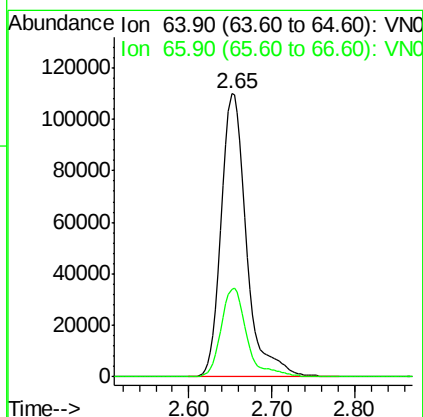
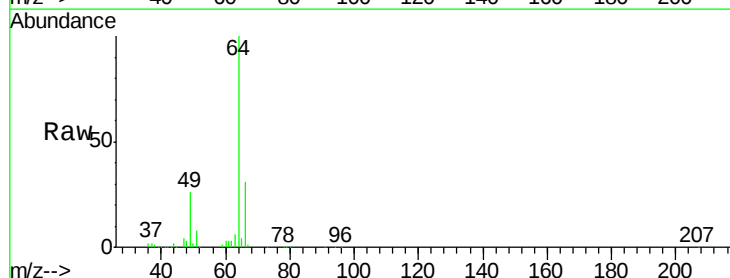
Acq: 17 Aug 2020 15:02

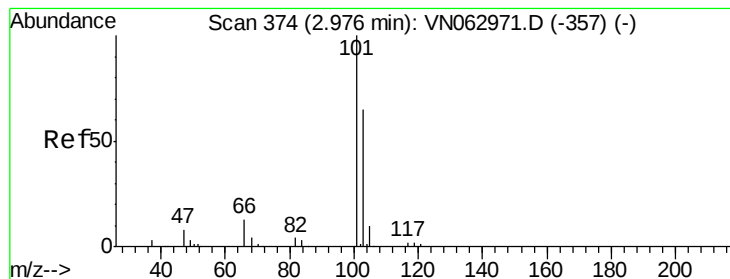
Tgt Ion: 64 Resp: 232895

Ion Ratio Lower Upper

64 100

66 31.1 23.8 35.8



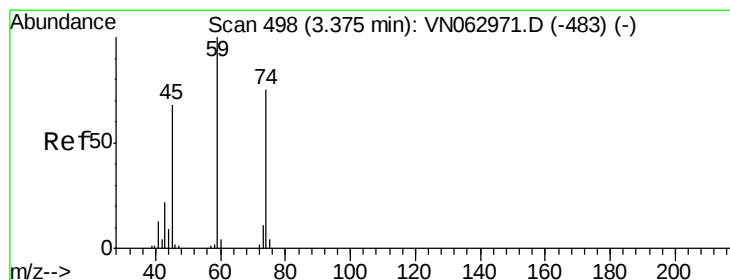
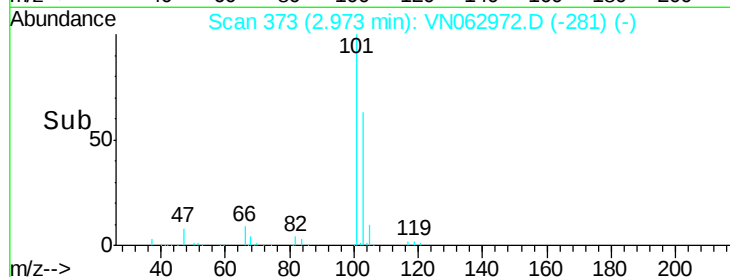
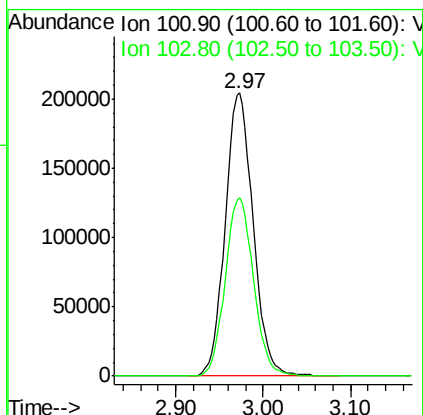
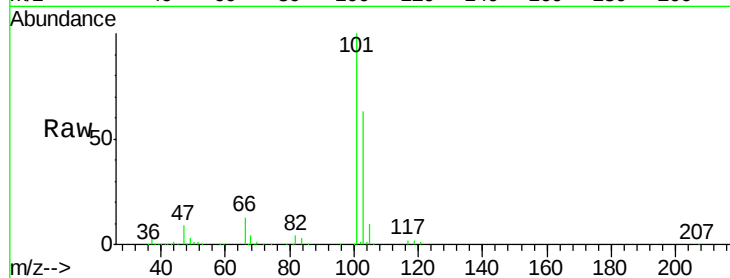


#7

Trichlorofluoromethane
 Concen: 80.426 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Instrument :
 MSVOA_N
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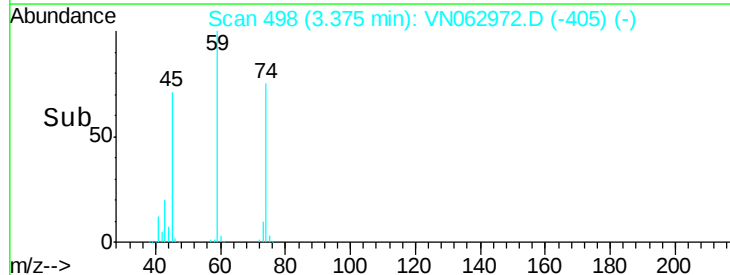
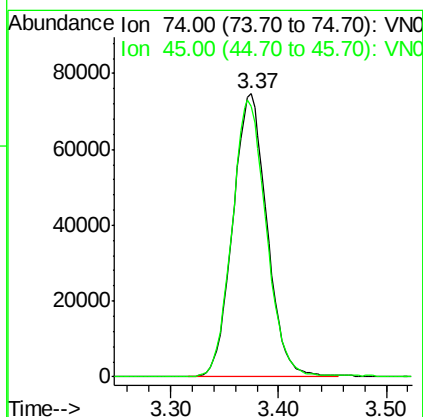
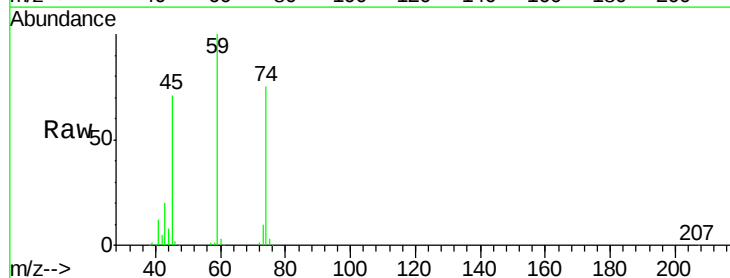
Tgt Ion:101 Resp: 453477
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.2 78.4

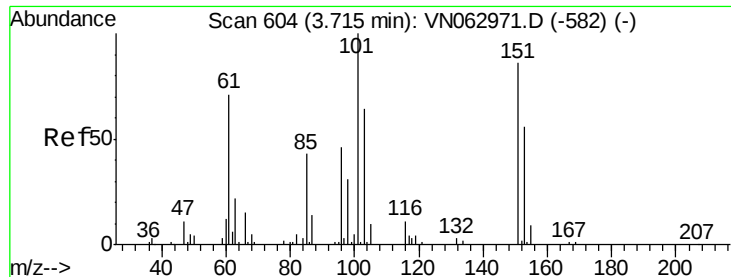


#8

Diethyl Ether
 Concen: 102.638 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion: 74 Resp: 164412
 Ion Ratio Lower Upper
 74 100
 45 98.3 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.176 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

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VSTDIC100

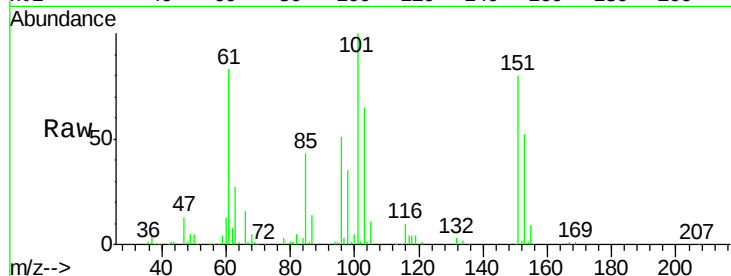
Tgt Ion:101 Resp: 237045

Ion Ratio Lower Upper

101 100

85 42.9 34.1 51.1

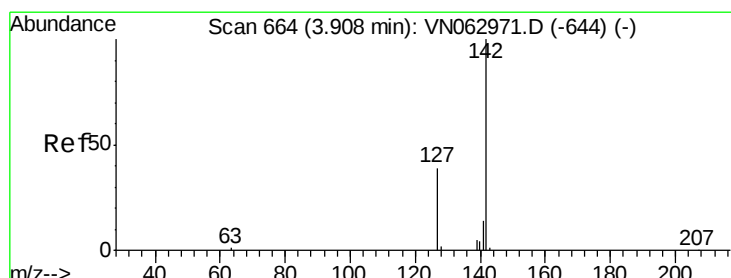
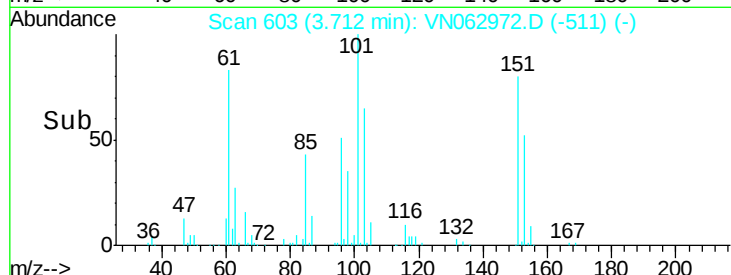
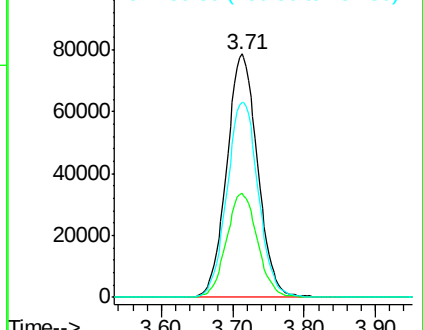
151 81.5 69.3 103.9



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: 121.536 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

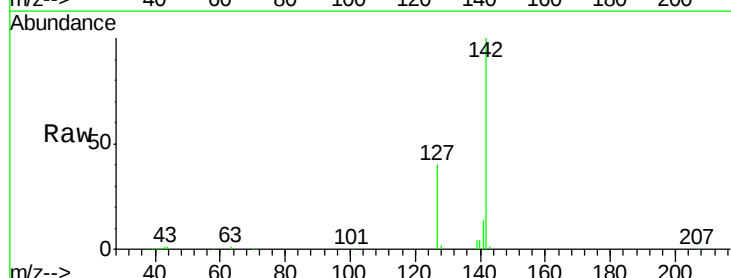
Tgt Ion:142 Resp: 341854

Ion Ratio Lower Upper

142 100

127 40.9 31.9 47.9

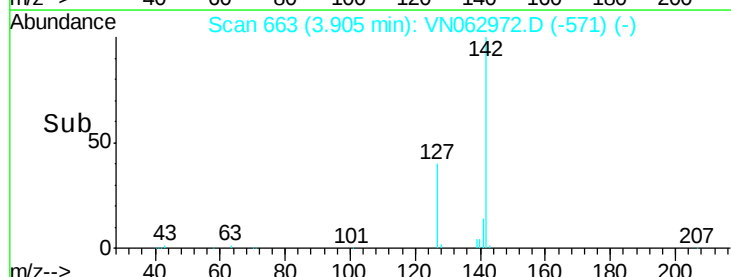
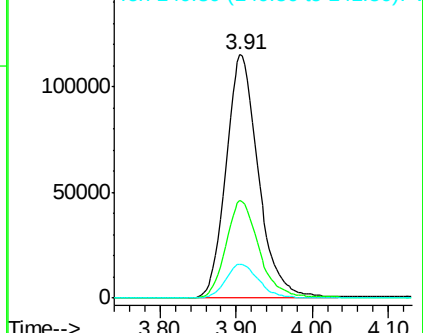
141 14.3 11.4 17.2

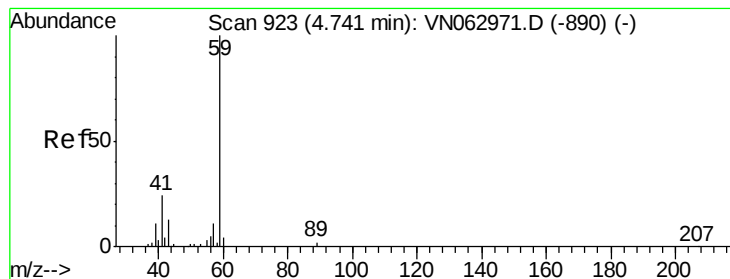


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



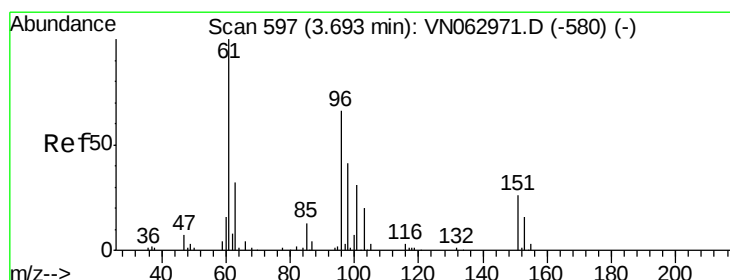
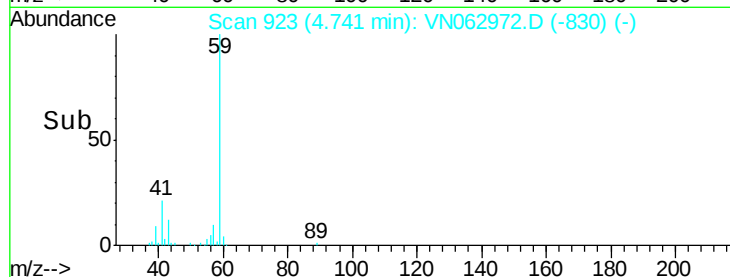
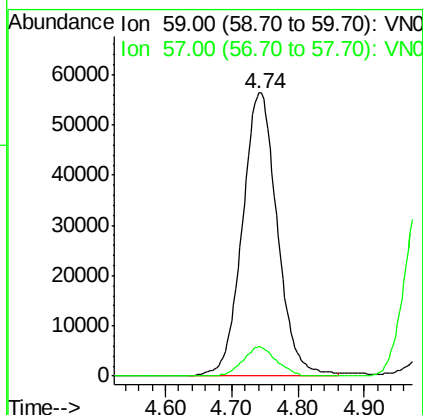
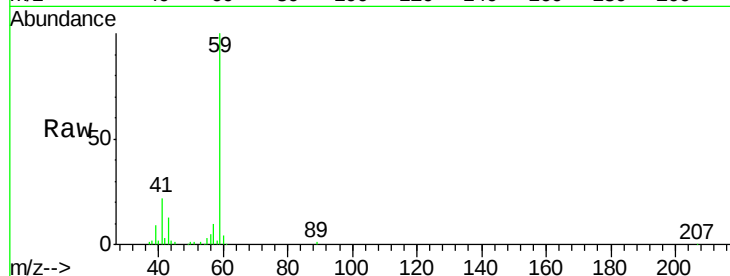


#11

Tert butyl alcohol
 Concen: 326.774 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

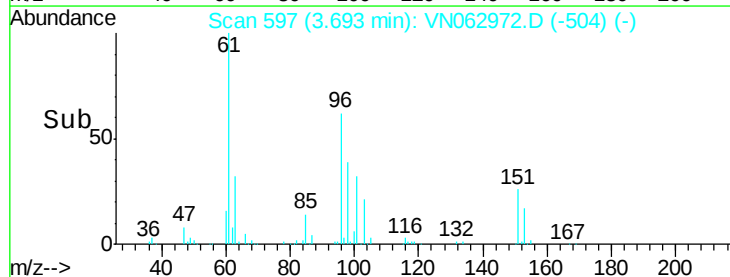
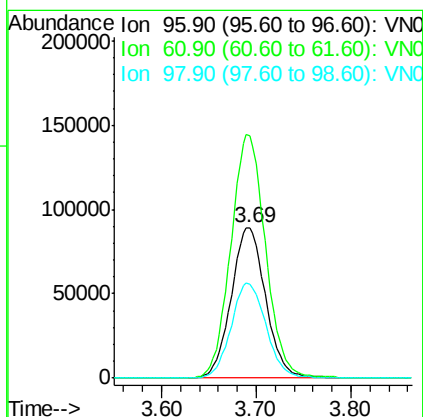
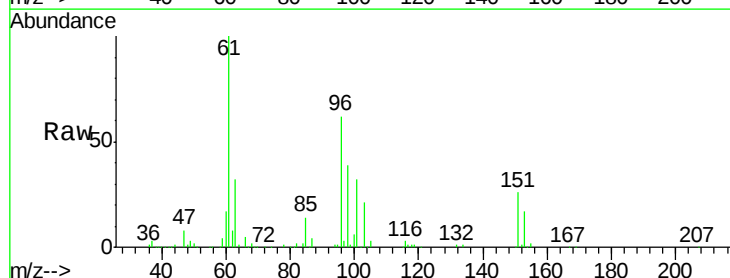
Tgt Ion: 59 Resp: 207024
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.6 11.4

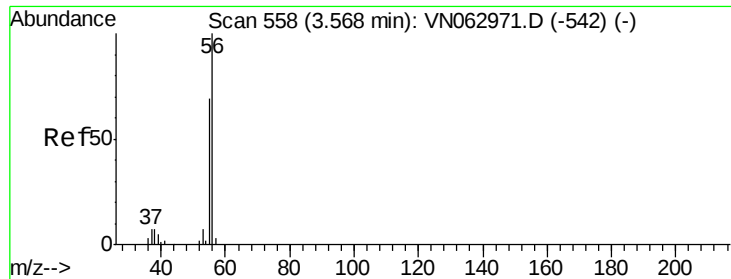


#12

1,1-Dichloroethene
 Concen: 94.530 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion: 96 Resp: 225743
 Ion Ratio Lower Upper
 96 100
 61 161.2 120.4 180.6
 98 62.4 49.8 74.6

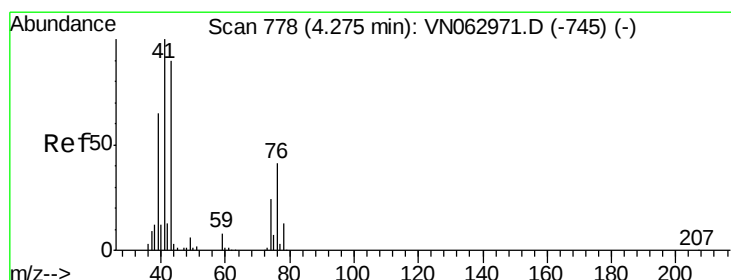
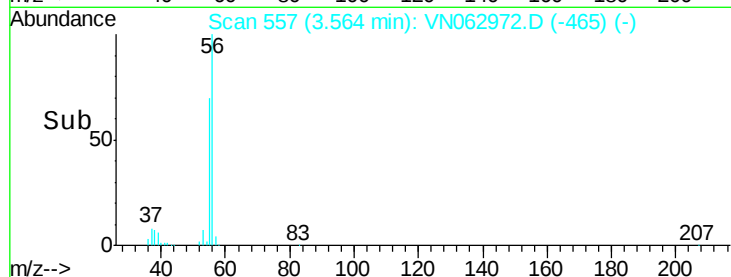
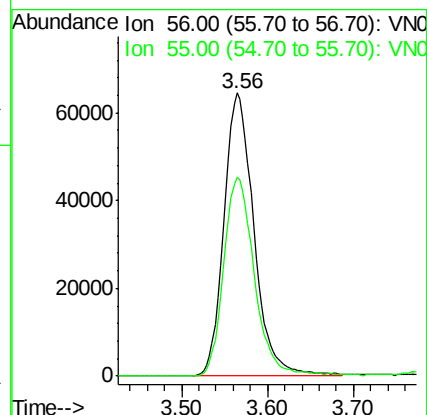
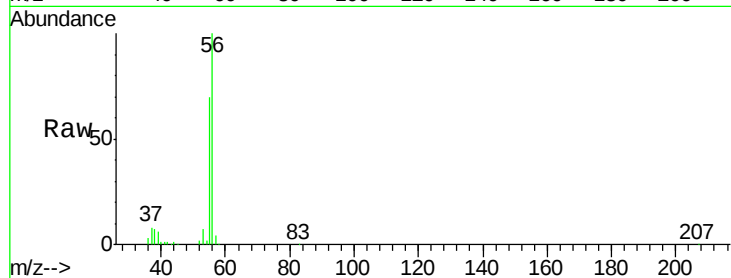




#13
Acrolein
Concen: 398.610 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

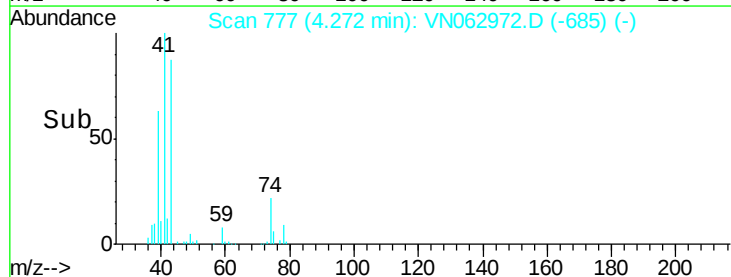
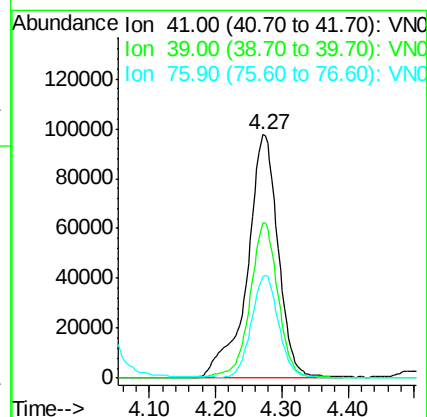
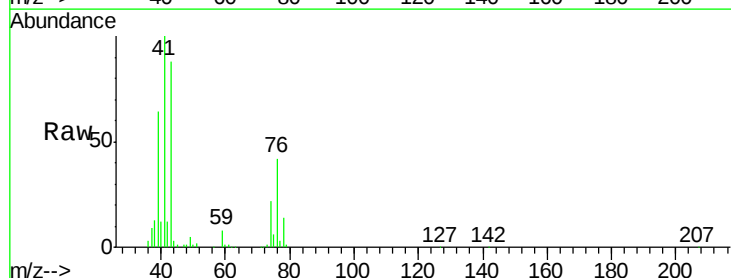
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

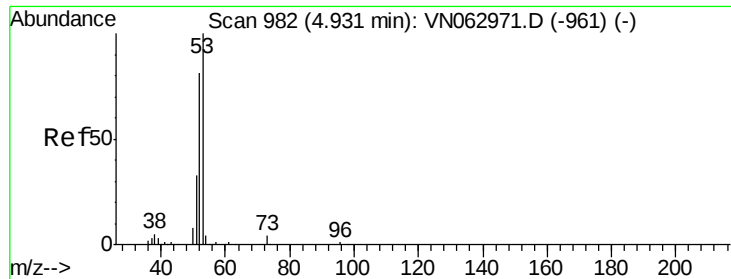
Tgt Ion: 56 Resp: 156725
Ion Ratio Lower Upper
56 100
55 71.6 56.1 84.1



#14
Allyl chloride
Concen: 73.643 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

Tgt Ion: 41 Resp: 316775
Ion Ratio Lower Upper
41 100
39 57.8 46.7 70.1
76 36.5 30.2 45.4





#15

Acrylonitrile

Concen: 399.025 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

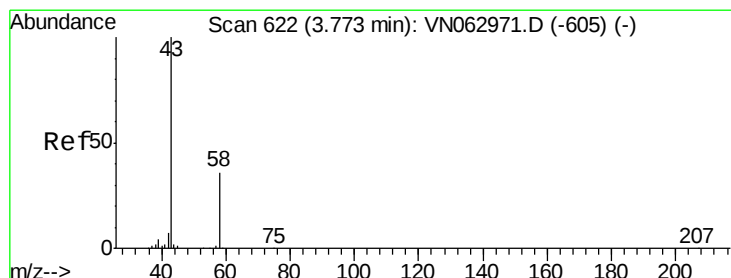
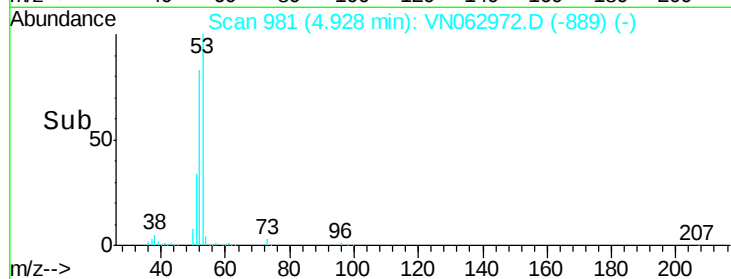
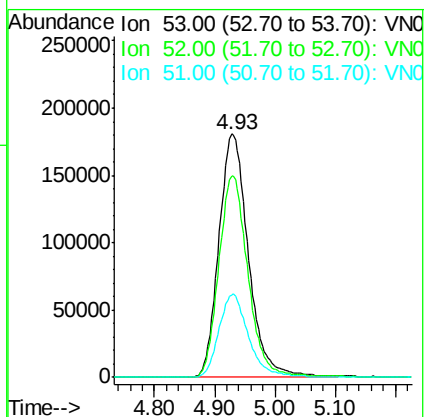
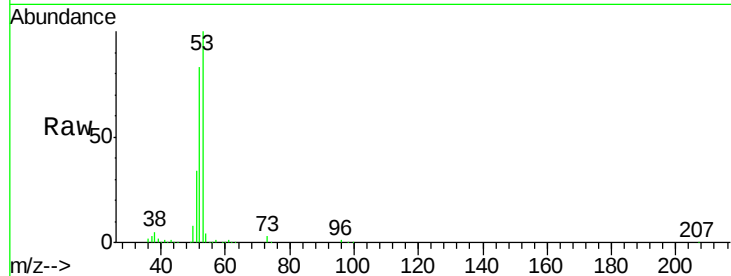
Tgt Ion: 53 Resp: 613211

Ion Ratio Lower Upper

53 100

52 81.6 65.0 97.6

51 34.5 27.4 41.2



#16

Acetone

Concen: 430.310 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062972.D

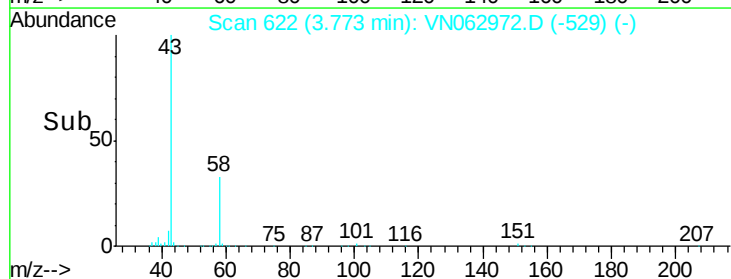
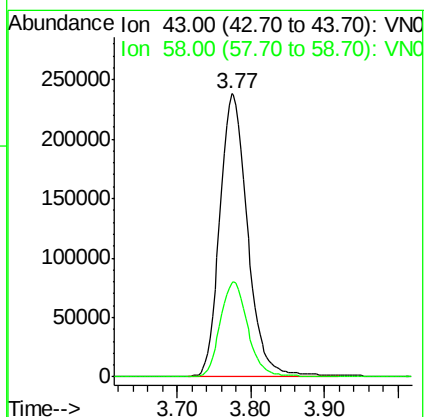
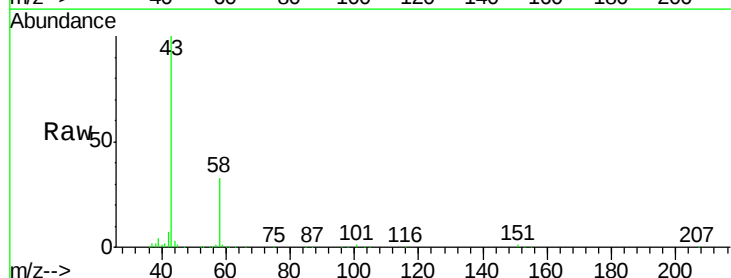
Acq: 17 Aug 2020 15:02

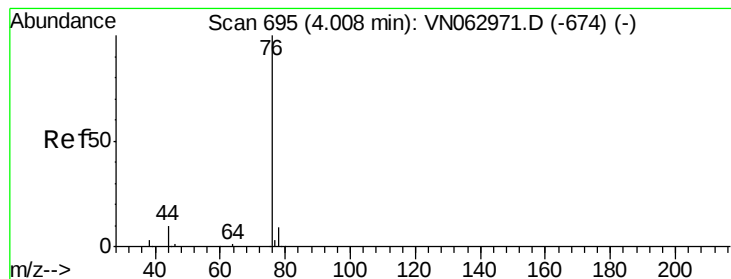
Tgt Ion: 43 Resp: 615867

Ion Ratio Lower Upper

43 100

58 33.1 28.7 43.1





#17

Carbon Disulfide

Concen: 90.400 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampled :

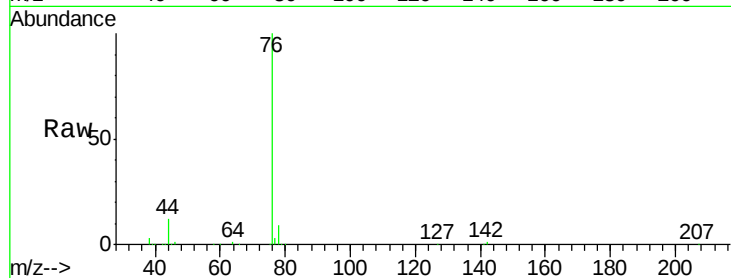
VSTDIC100

Tgt Ion: 76 Resp: 635826

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN062971.D (-674) (-)

Ion 77.90 (77.60 to 78.60): VN062972.D (-602) (-)

4.00

250000

200000

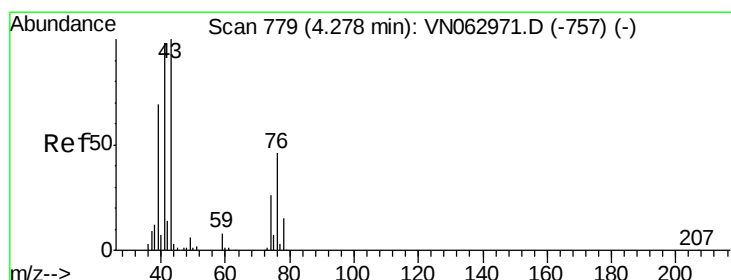
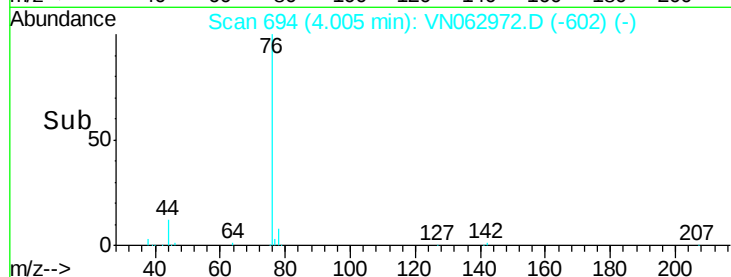
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 65.981 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062972.D

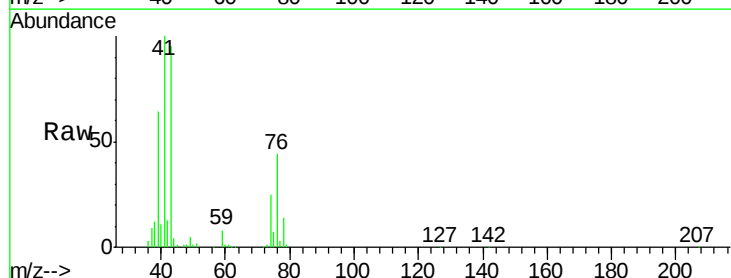
Acq: 17 Aug 2020 15:02

Tgt Ion: 43 Resp: 254338

Ion Ratio Lower Upper

43 100

74 26.1 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VN062971.D (-757) (-)

Ion 74.00 (73.70 to 74.70): VN062972.D (-686) (-)

4.28

100000

80000

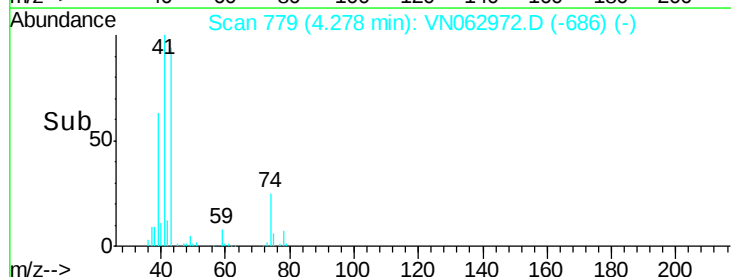
60000

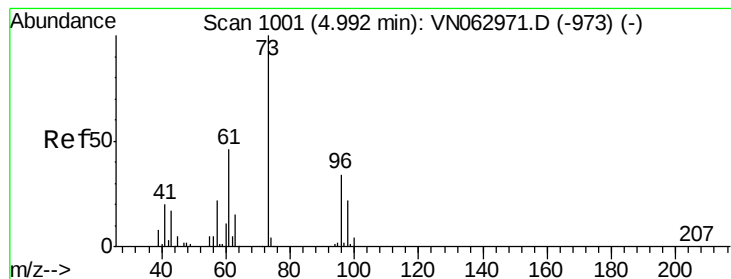
40000

20000

0

Time-->



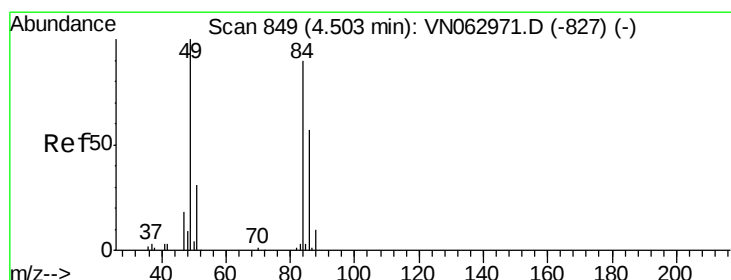
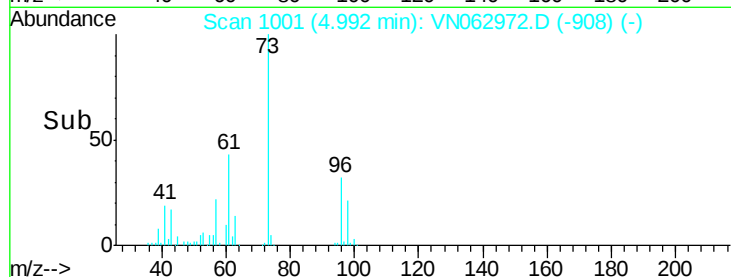
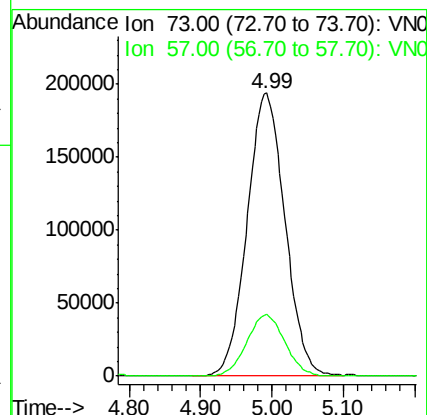
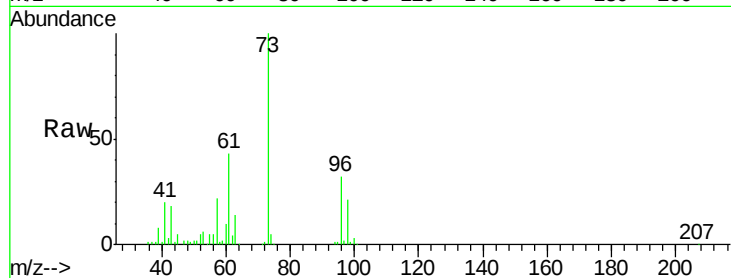


#19

Methyl tert-butyl Ether
 Concen: 76.058 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

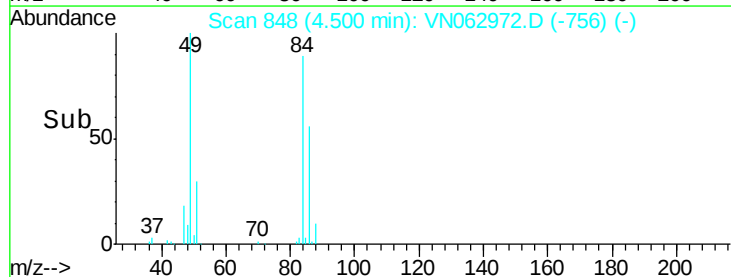
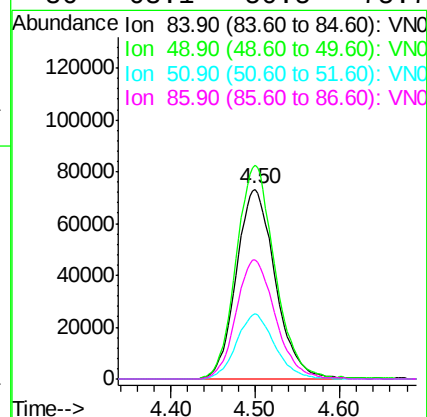
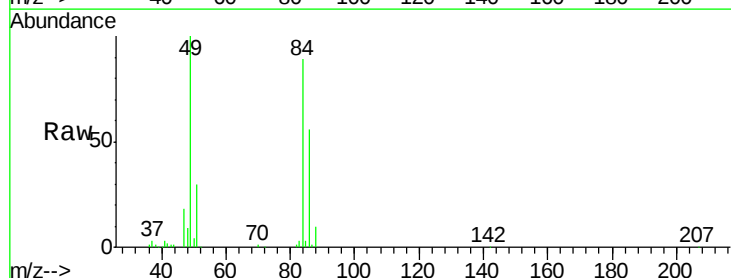
Tgt Ion: 73 Resp: 715076
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.6 26.4

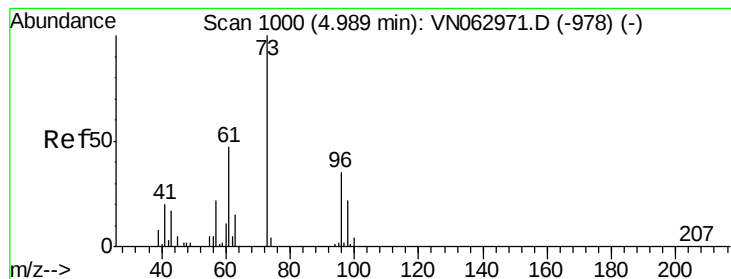


#20

Methylene Chloride
 Concen: 77.186 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion: 84 Resp: 235423
 Ion Ratio Lower Upper
 84 100
 49 112.7 88.8 133.2
 51 34.1 27.1 40.7
 86 63.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 81.905 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

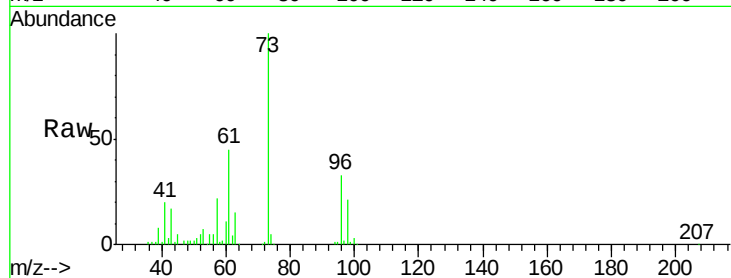
Tgt Ion: 96 Resp: 205557

Ion Ratio Lower Upper

96 100

61 138.4 107.7 161.5

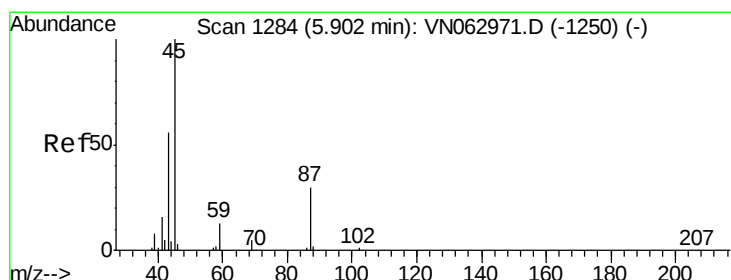
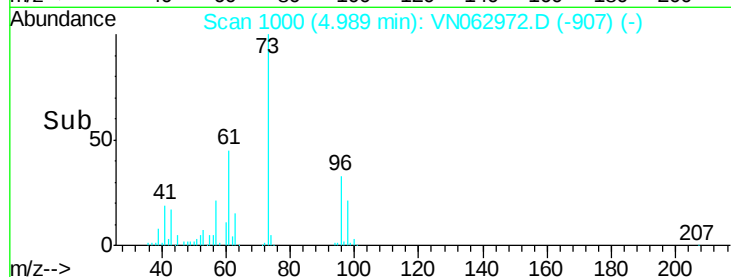
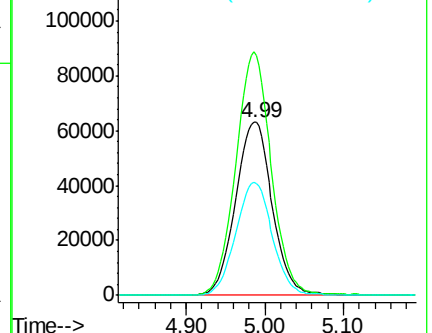
98 64.7 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062972.D (-997) (-)

Ion 60.90 (60.60 to 61.60): VN062972.D (-997) (-)

Ion 97.90 (97.60 to 98.60): VN062972.D (-997) (-)



#22

Diisopropyl ether

Concen: 78.410 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Tgt Ion: 45 Resp: 714438

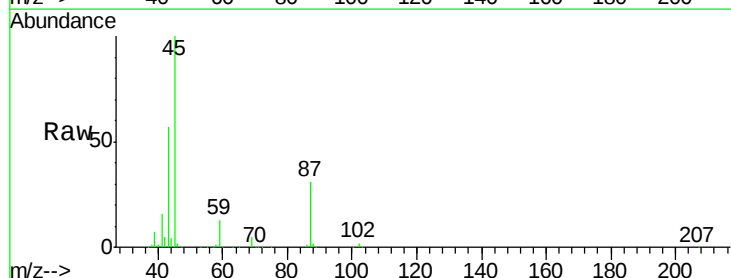
Ion Ratio Lower Upper

45 100

43 55.6 47.1 70.7

87 30.7 24.3 36.5

59 12.3 10.4 15.6

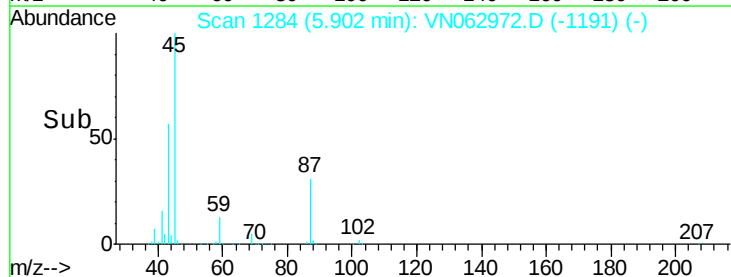
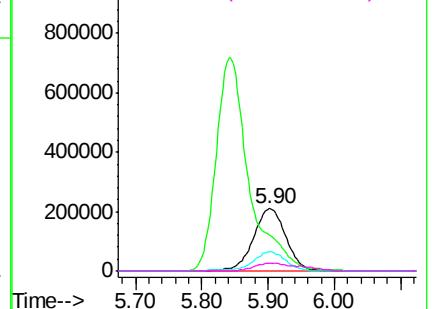


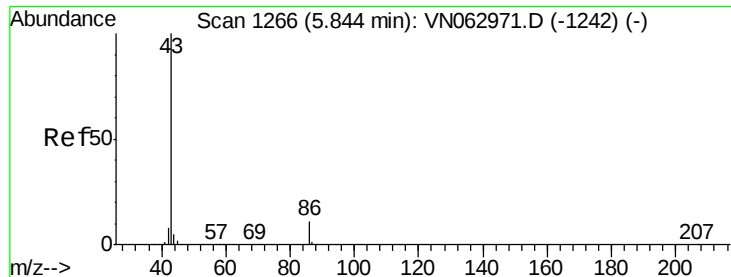
Abundance Ion 45.00 (44.70 to 45.70): VN062972.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062972.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062972.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062972.D (-1191) (-)





#23

Vinyl Acetate

Concen: 357.896 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

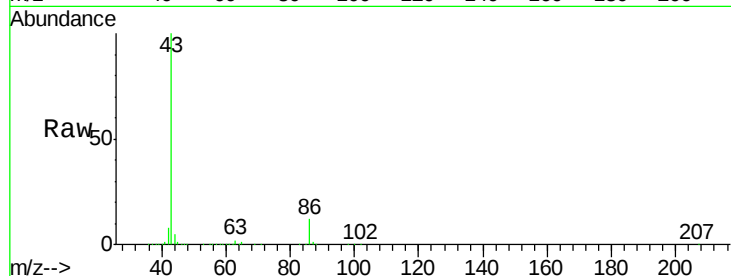
VSTDIC100

Tgt Ion: 43 Resp: 2466177

Ion Ratio Lower Upper

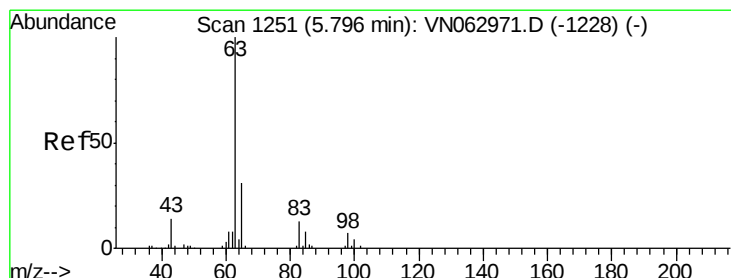
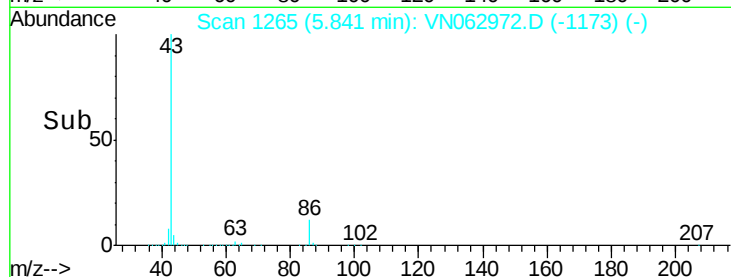
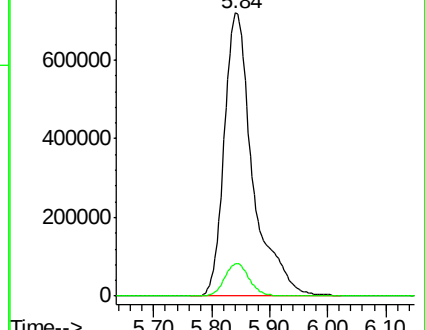
43 100

86 11.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN062972.D (-1173) (-)

Ion 86.00 (85.70 to 86.70): VN062972.D (-1173) (-)



#24

1,1-Dichloroethane

Concen: 73.873 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

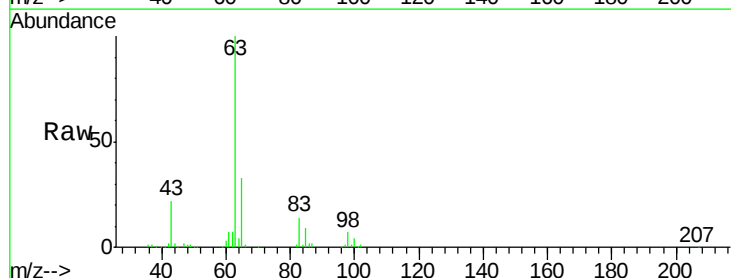
Tgt Ion: 63 Resp: 396788

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

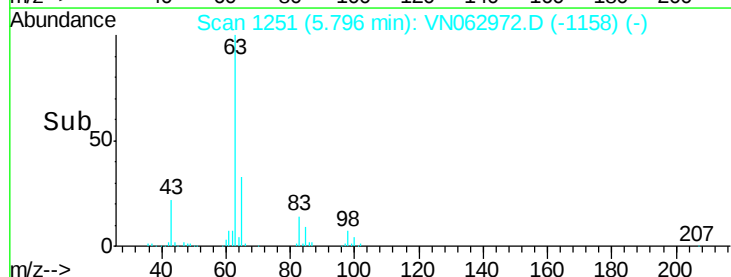
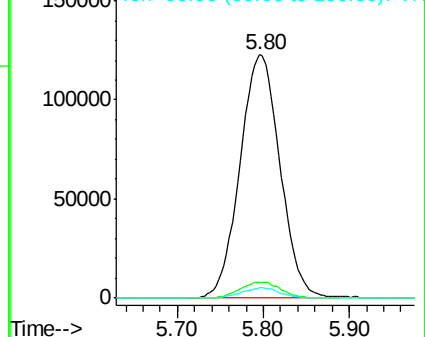
100 4.2 2.0 6.0

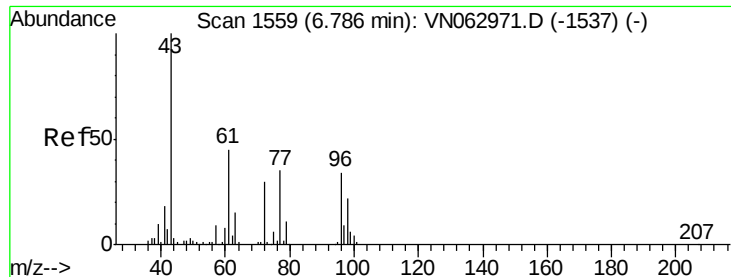


Abundance Ion 62.90 (62.60 to 63.60): VN062972.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062972.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062972.D (-1158) (-)





#25

2-Butanone

Concen: 363.568 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

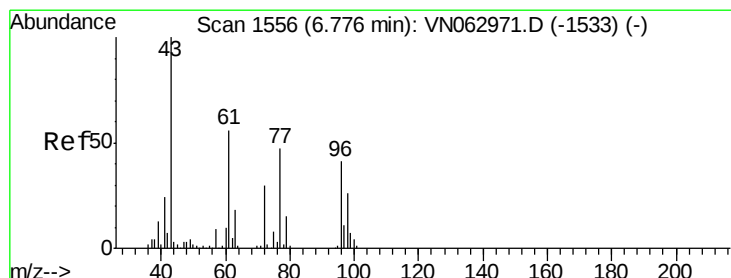
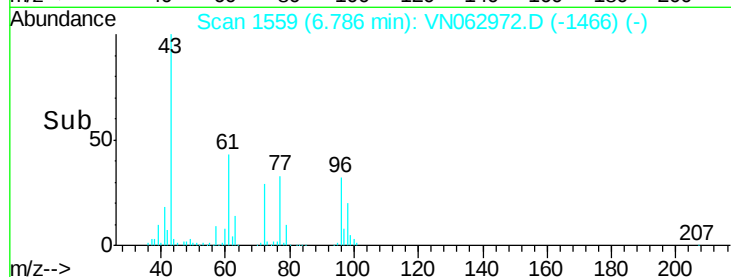
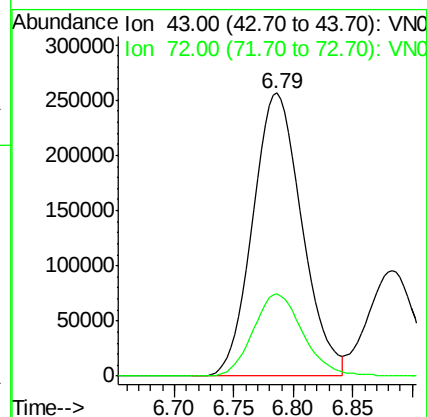
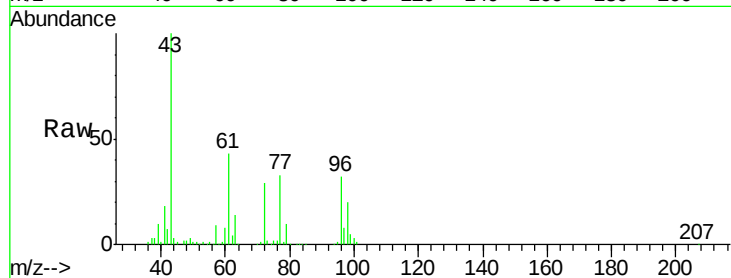
VSTDIC100

Tgt Ion: 43 Resp: 733202

Ion Ratio Lower Upper

43 100

72 29.0 23.9 35.9



#26

2,2-Dichloropropane

Concen: 66.134 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062972.D

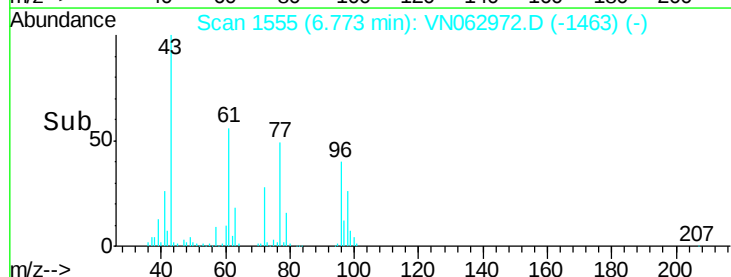
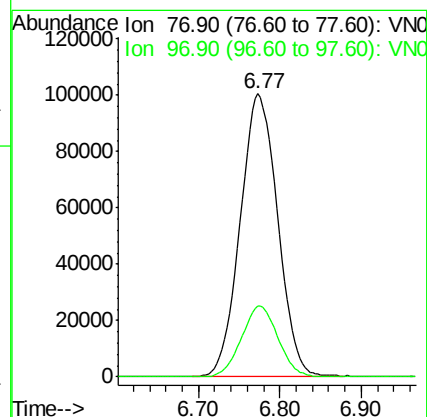
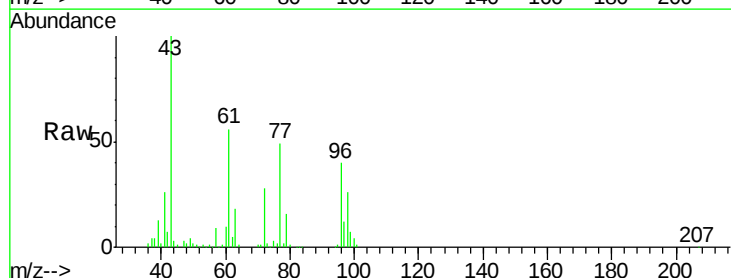
Acq: 17 Aug 2020 15:02

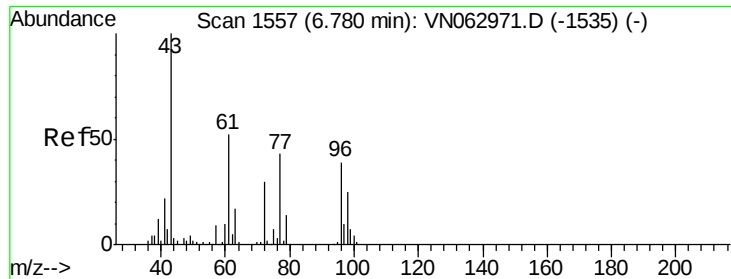
Tgt Ion: 77 Resp: 320126

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1

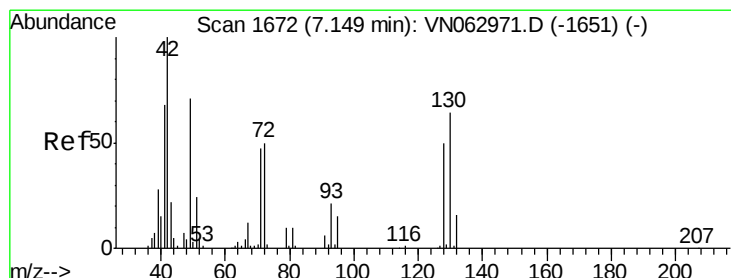
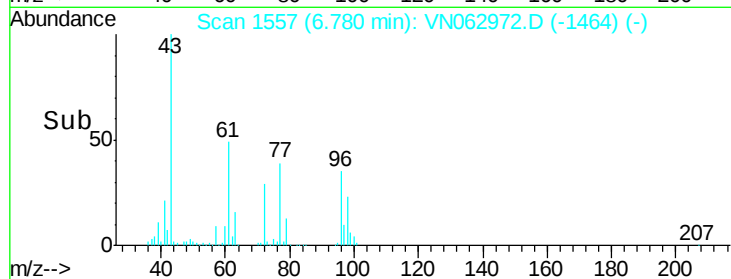
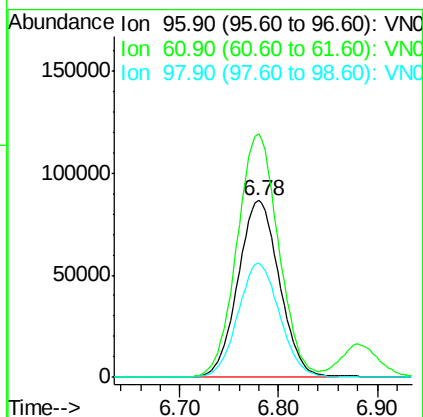
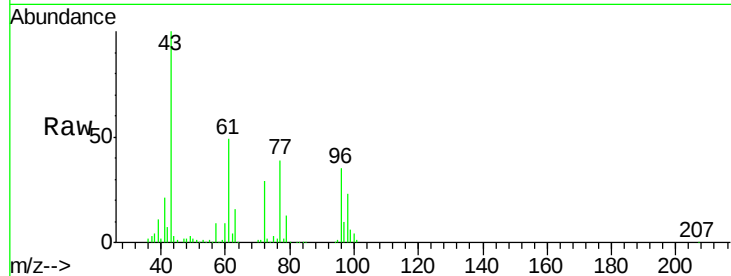




#27
 cis-1,2-Dichloroethene
 Concen: 84.151 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

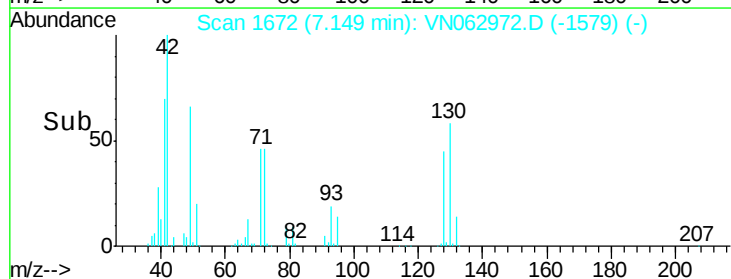
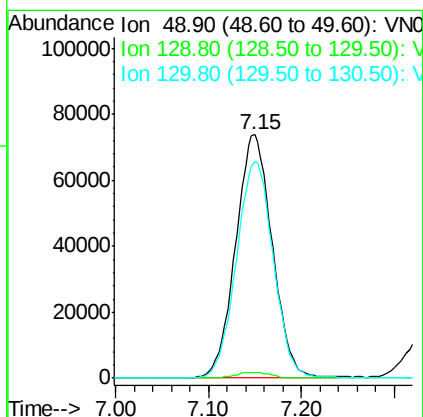
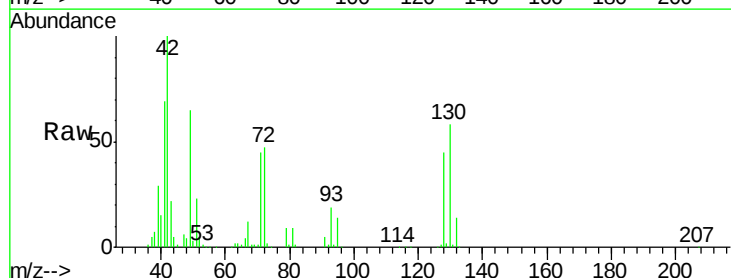
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

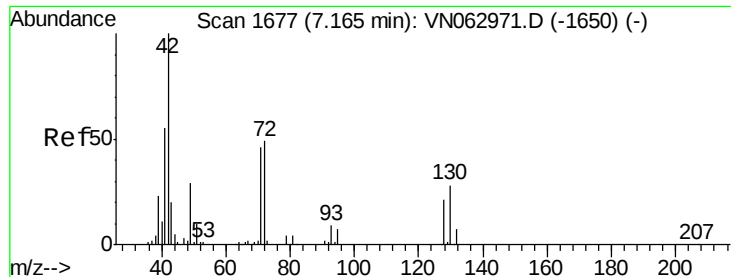
Tgt Ion: 96 Resp: 252074
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 270.4
 98 64.9 0.0 128.2



#28
 Bromochloromethane
 Concen: 77.974 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion: 49 Resp: 202523
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 89.7 73.5 110.3

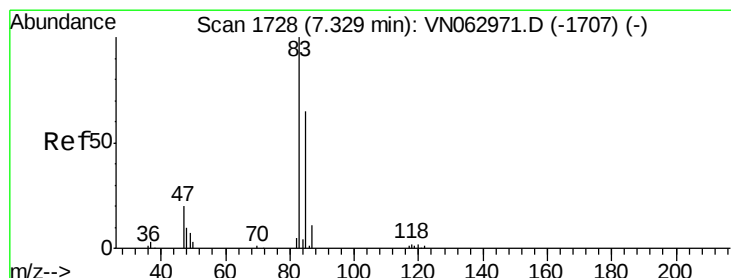
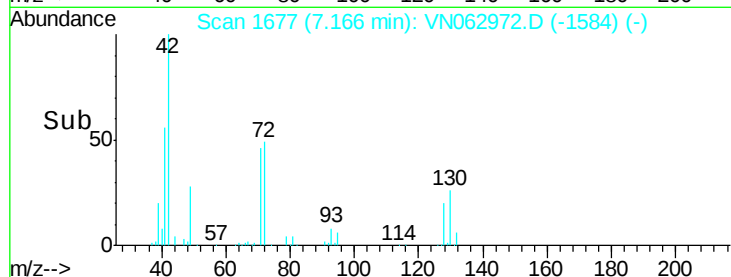
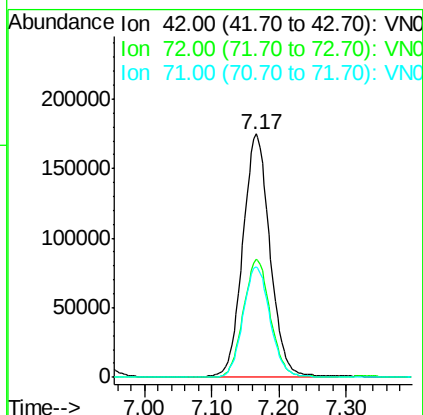
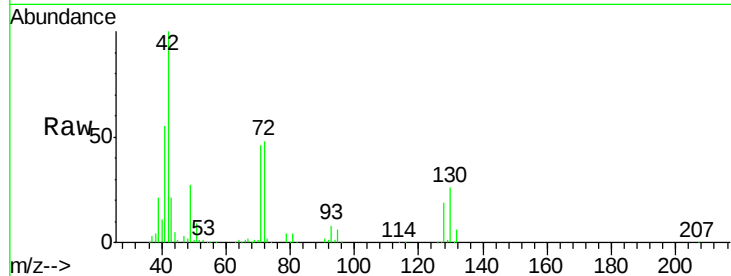




#29
Tetrahydrofuran
Concen: 374.591 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

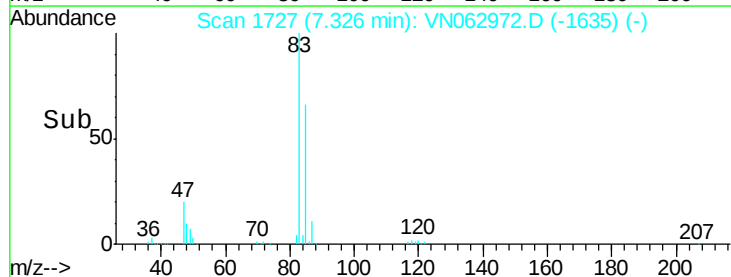
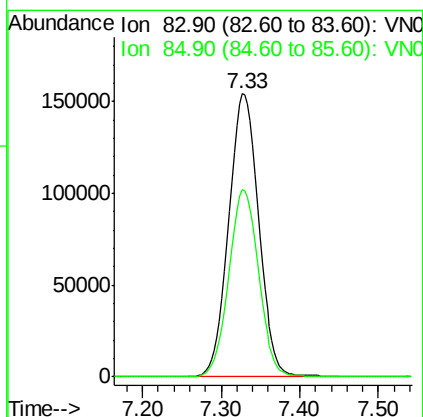
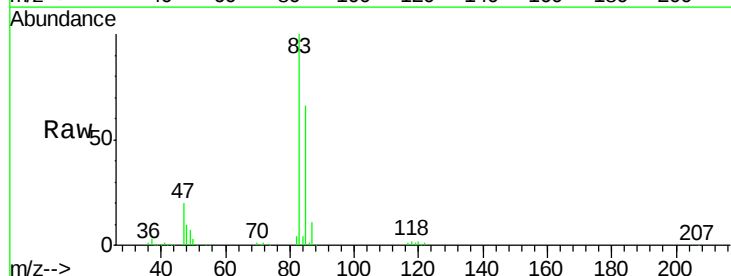
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

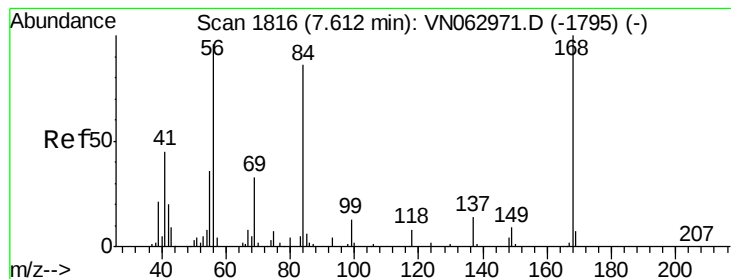
Tgt Ion: 42 Resp: 491902
Ion Ratio Lower Upper
42 100
72 48.0 39.4 59.2
71 45.0 37.2 55.8



#30
Chloroform
Concen: 72.152 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

Tgt Ion: 83 Resp: 408413
Ion Ratio Lower Upper
83 100
85 66.3 52.2 78.4





#31

Cyclohexane

Concen: 80.176 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

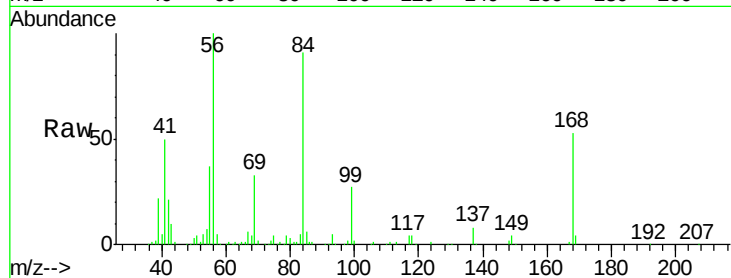
Tgt Ion: 56 Resp: 392620

Ion Ratio Lower Upper

56 100

69 33.0 27.4 41.2

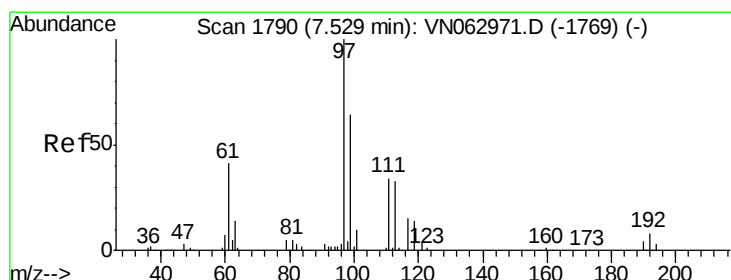
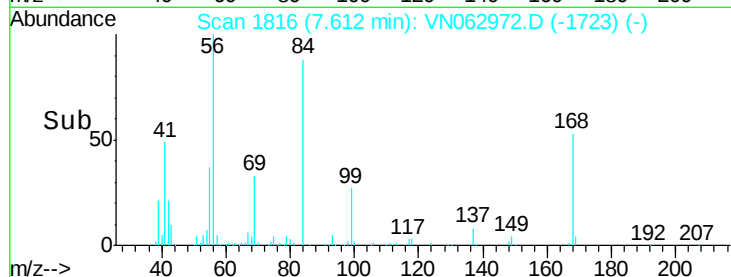
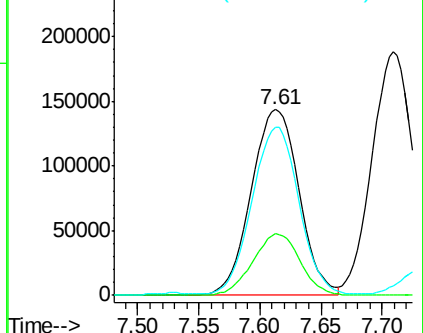
84 89.8 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN062972.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062972.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062972.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 68.598 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

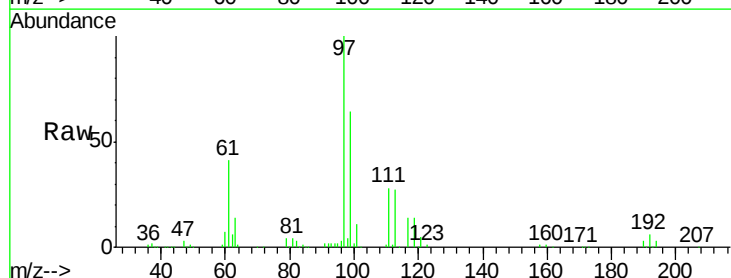
Tgt Ion: 97 Resp: 342469

Ion Ratio Lower Upper

97 100

99 64.6 52.2 78.4

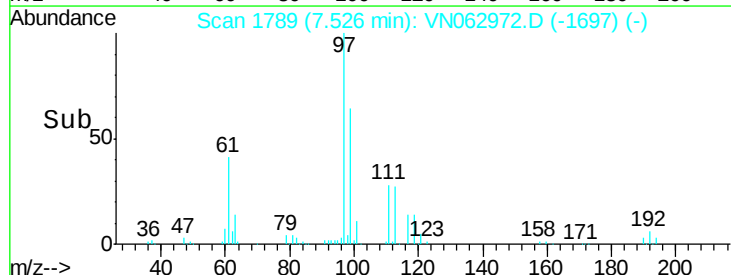
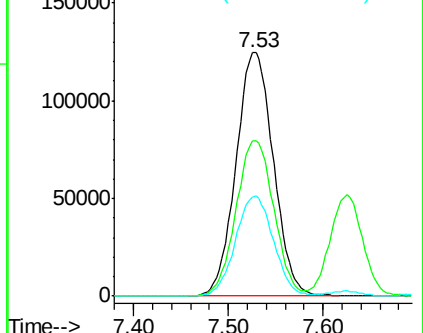
61 41.5 33.5 50.3

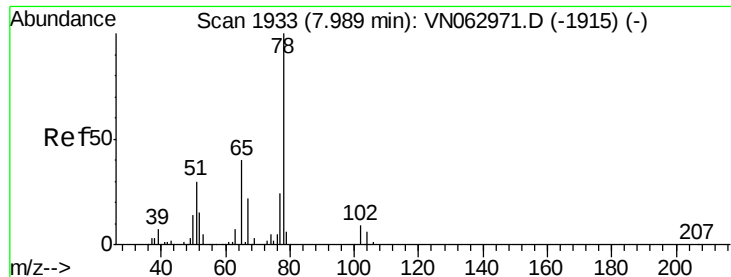


Abundance Ion 96.90 (96.60 to 97.60): VN062972.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062972.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062972.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 64.945 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

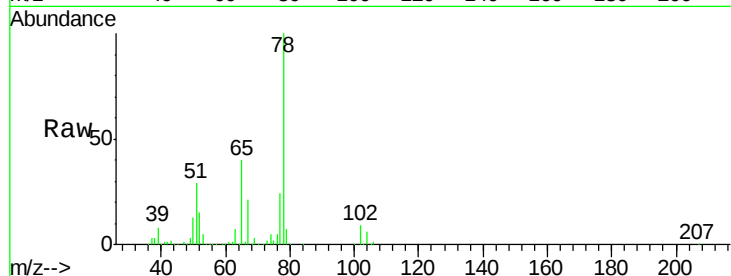
VSTDIC100

Tgt Ion: 65 Resp: 253743

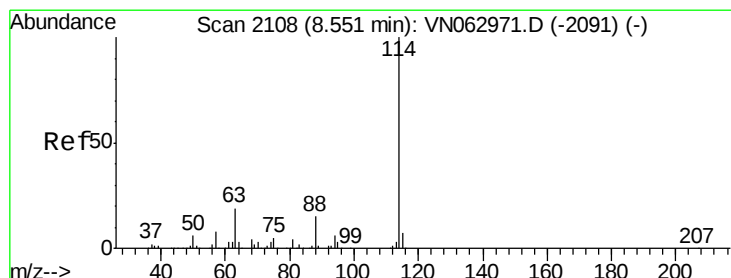
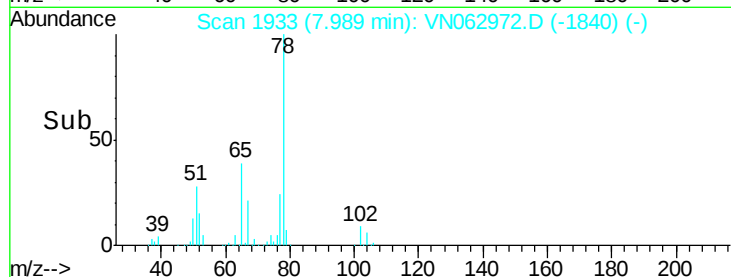
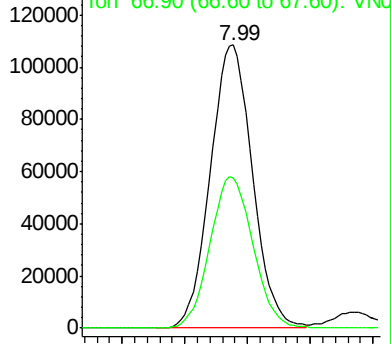
Ion Ratio Lower Upper

65 100

67 54.7 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN062972.D (-1840) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

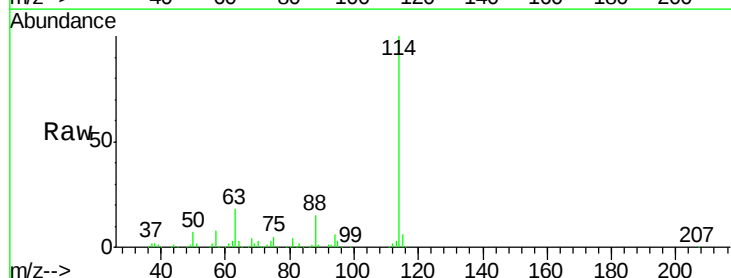
Tgt Ion: 114 Resp: 353944

Ion Ratio Lower Upper

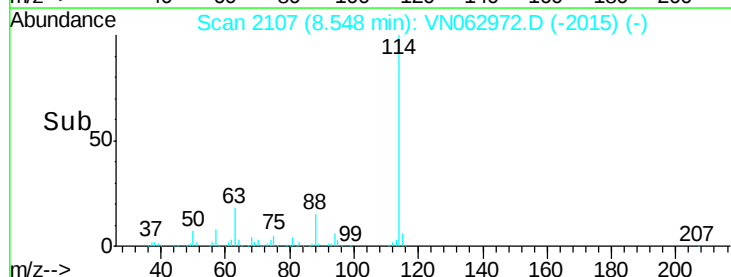
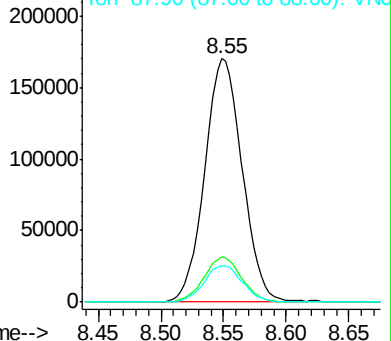
114 100

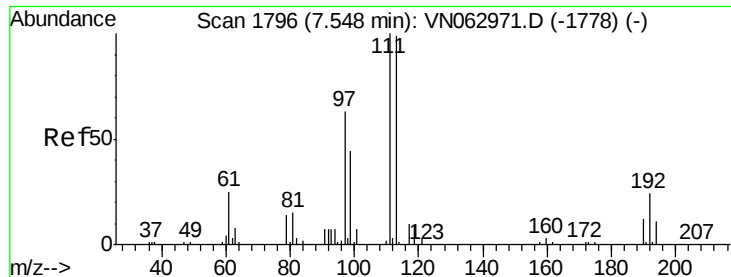
63 18.4 0.0 37.6

88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN062972.D (-2155) (-)

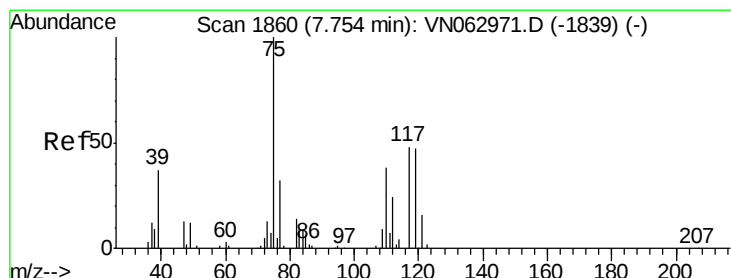
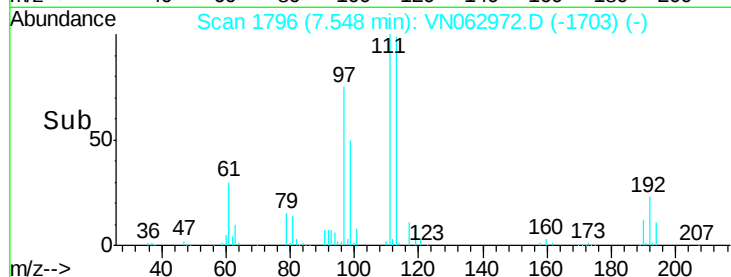
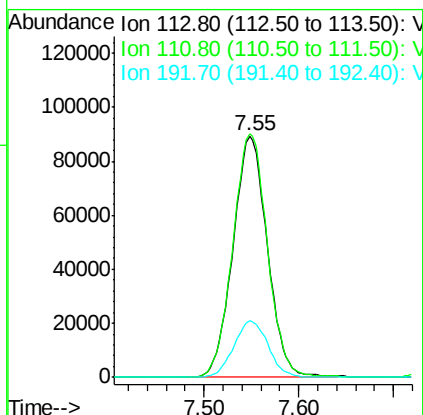
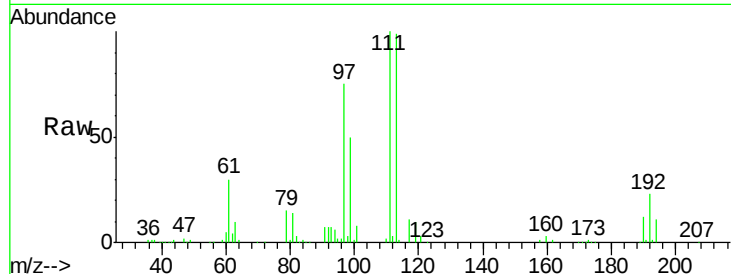




#35
 Dibromofluoromethane
 Concen: 93.860 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

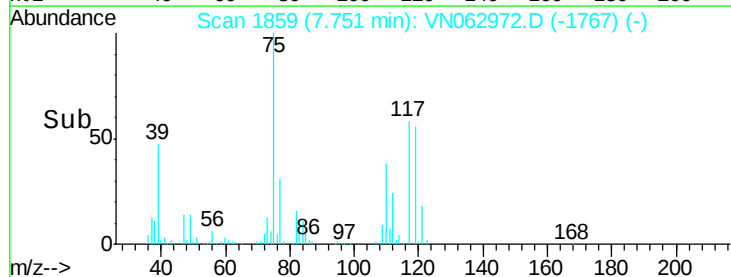
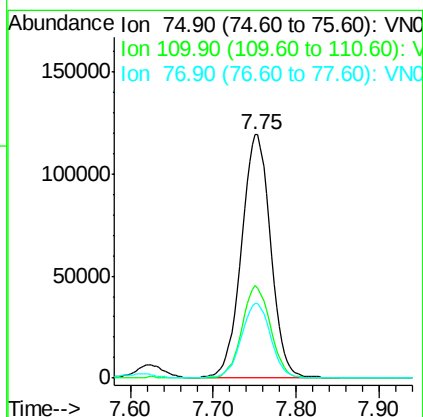
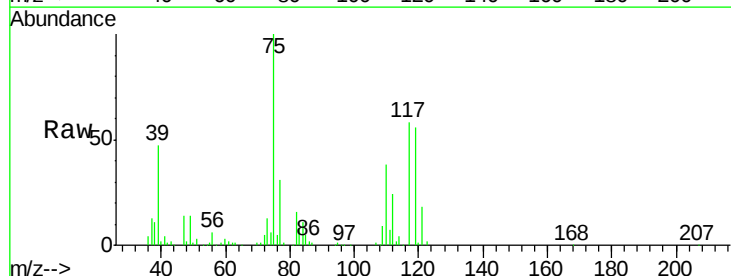
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

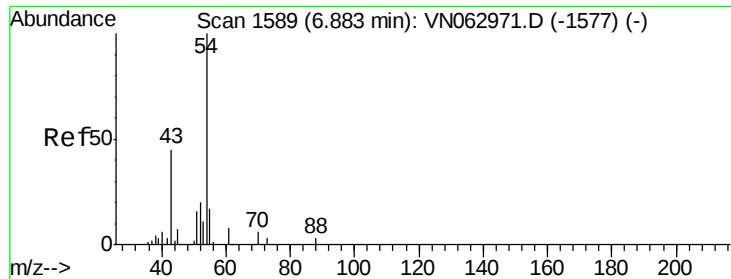
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.0
192	23.5	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 86.764 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.7	56.1
77	31.1	25.6	38.4

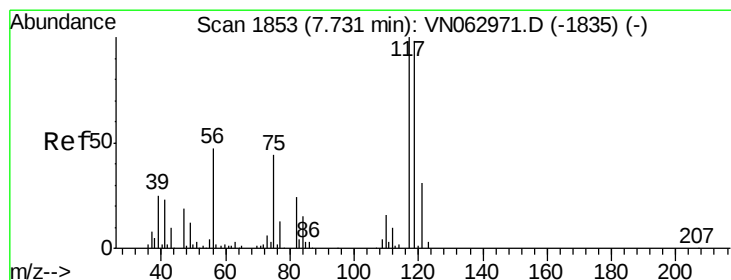
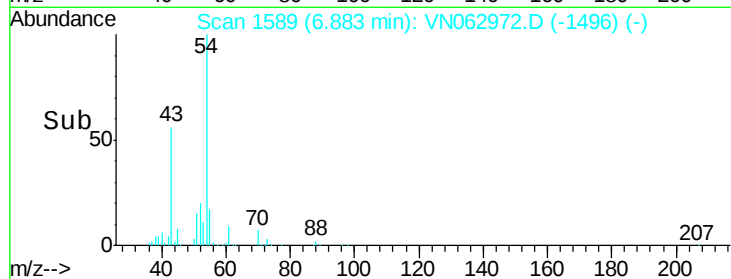
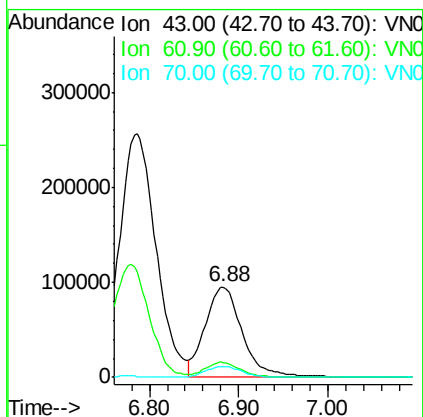
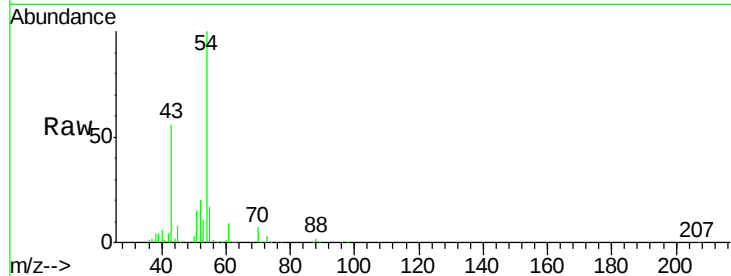




#37
 Ethyl Acetate
 Concen: 78.748 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

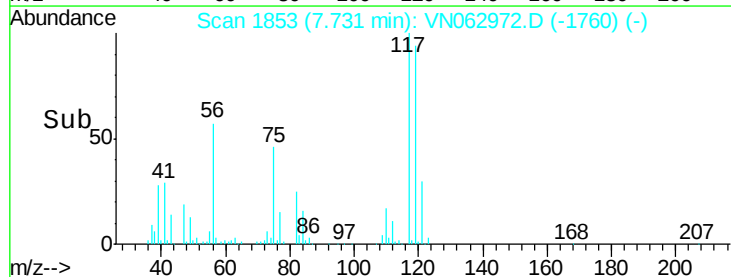
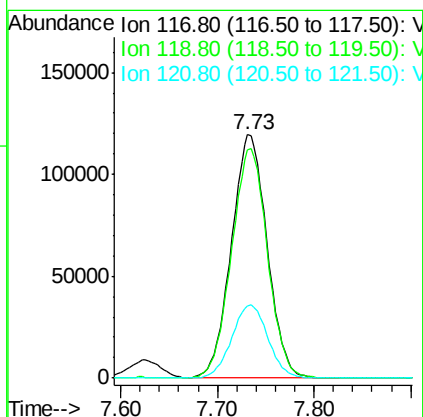
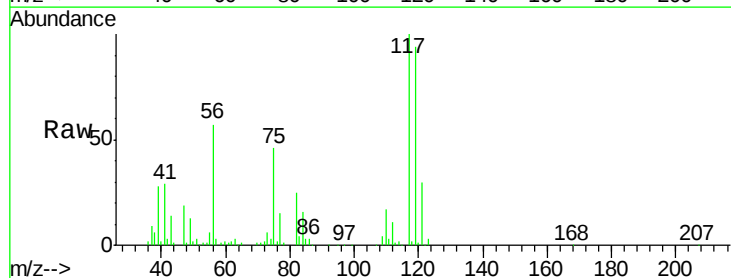
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

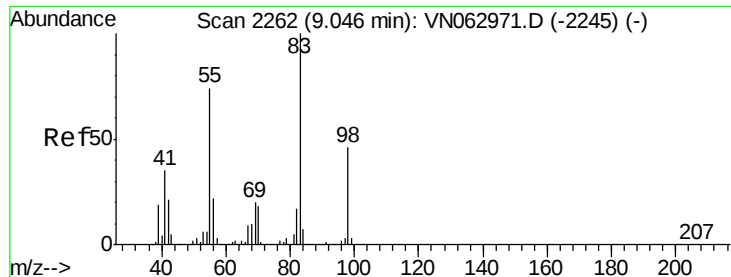
Tgt Ion: 43 Resp: 271086
 Ion Ratio Lower Upper
 43 100
 61 16.0 12.4 18.6
 70 12.0 9.9 14.9



#38
 Carbon Tetrachloride
 Concen: 77.014 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion: 117 Resp: 304687
 Ion Ratio Lower Upper
 117 100
 119 93.6 77.9 116.9
 121 29.8 24.8 37.2

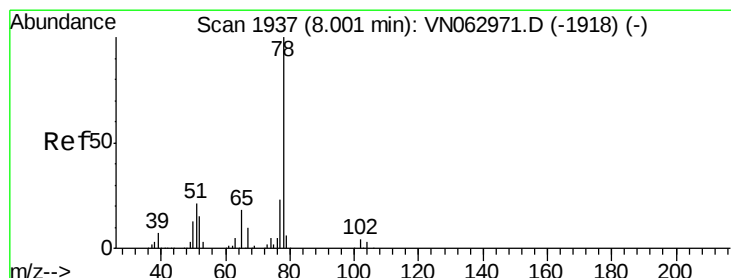
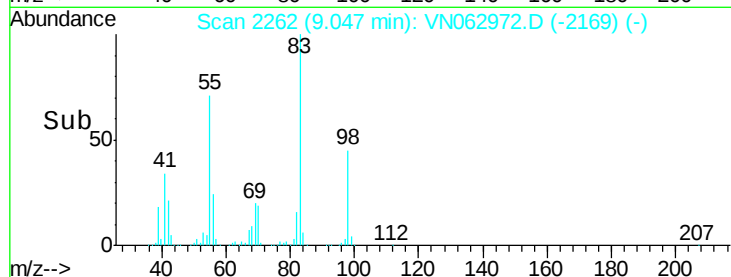
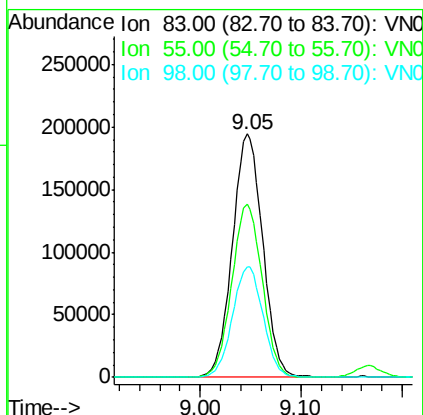
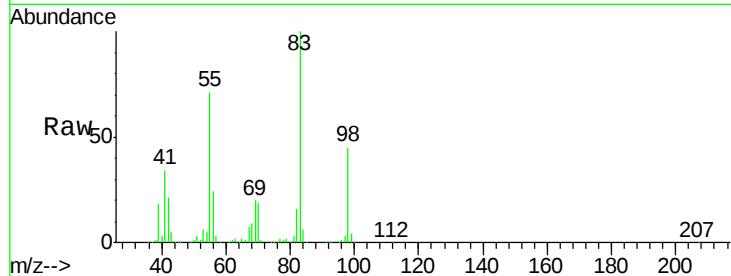




#39
Methylcyclohexane
Concen: 98.344 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

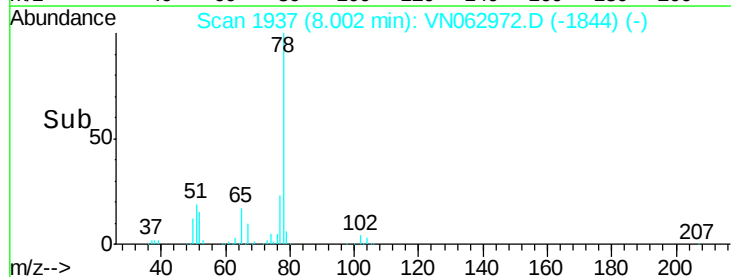
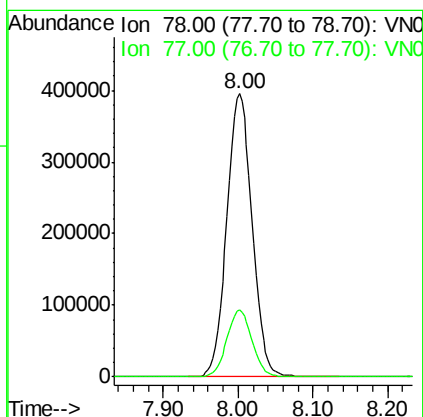
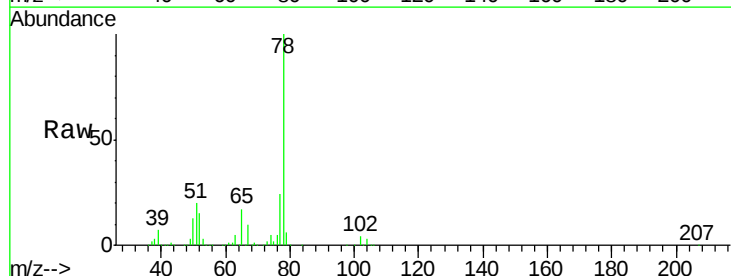
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

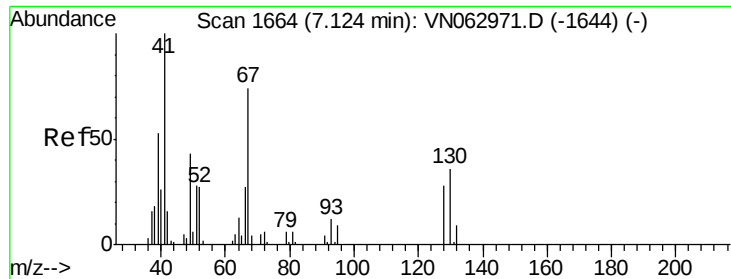
Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.1	59.0	88.6
98	45.2	36.8	55.2



#40
Benzene
Concen: 91.182 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	27.8

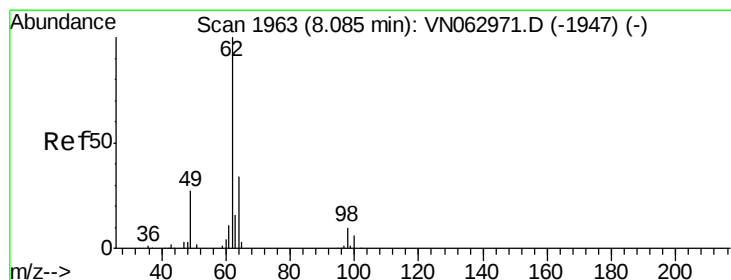
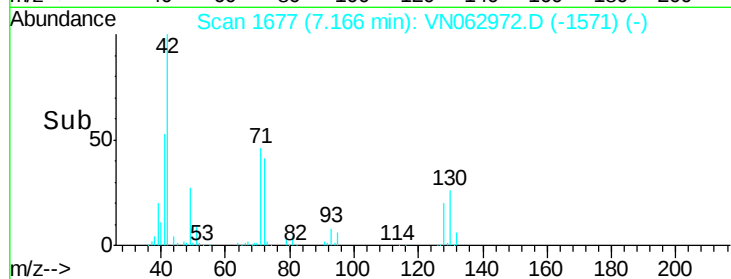
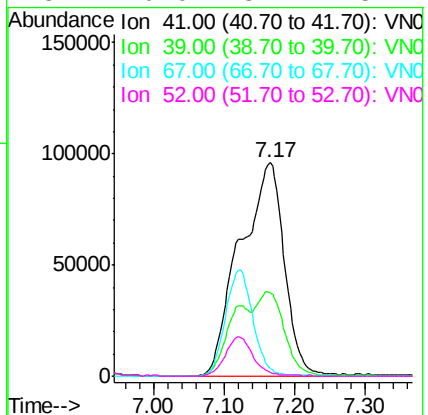
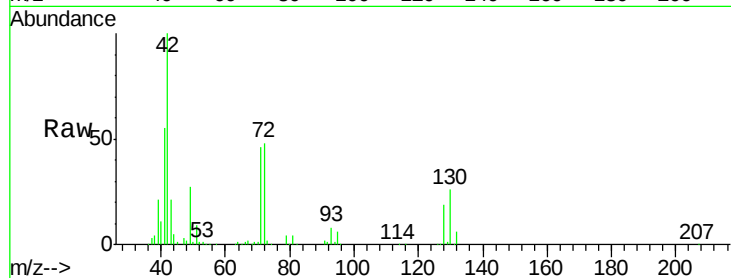




#41
Methacrylonitrile
Concen: 277.080 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

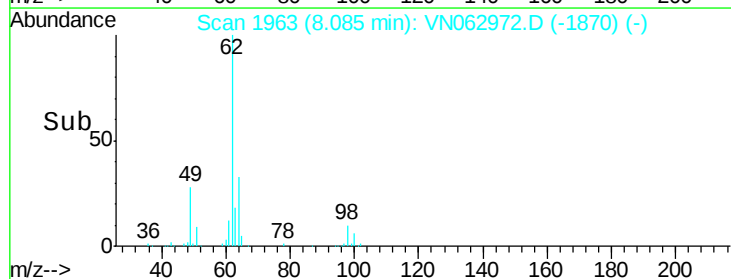
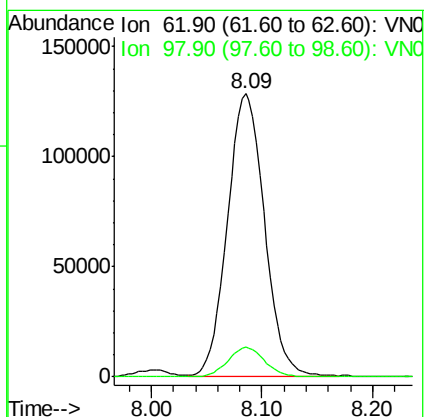
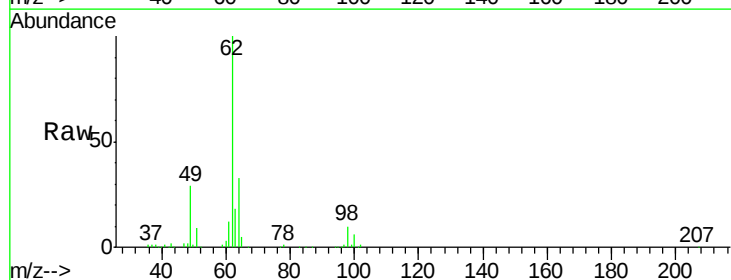
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

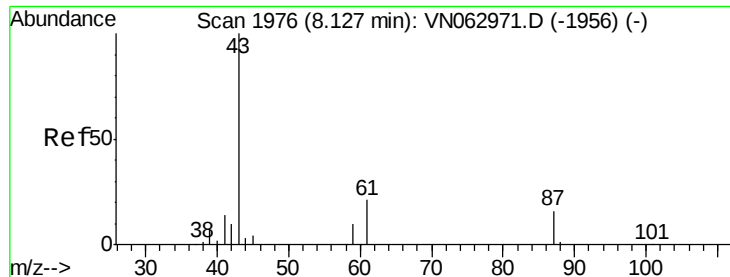
Tgt Ion: 41 Resp: 420124
Ion Ratio Lower Upper
41 100
39 0.0 58.6 88.0#
67 0.0 90.1 135.1#
52 0.0 34.7 52.1#



#42
1,2-Dichloroethane
Concen: 71.603 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

Tgt Ion: 62 Resp: 297906
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.8





#43

Isopropyl Acetate

Concen: 78.834 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

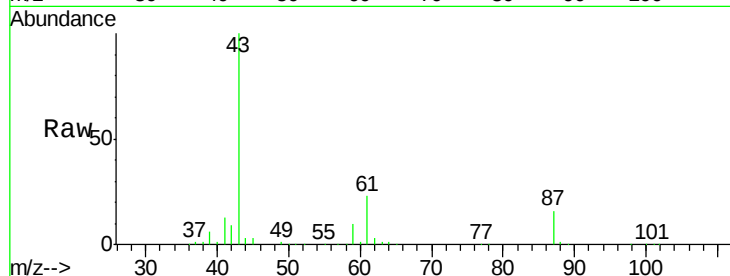
Tgt Ion: 43 Resp: 451858

Ion Ratio Lower Upper

43 100

61 29.6 24.6 36.8

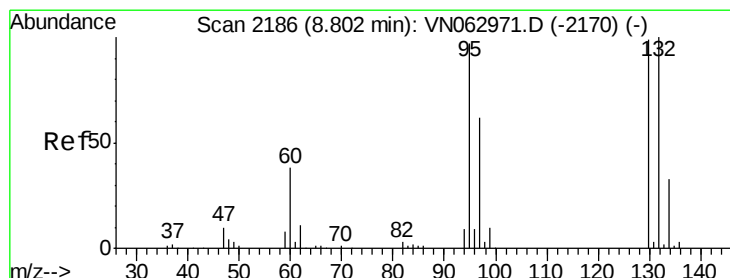
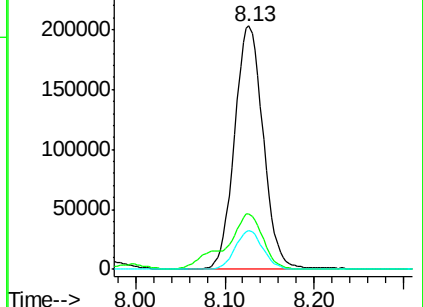
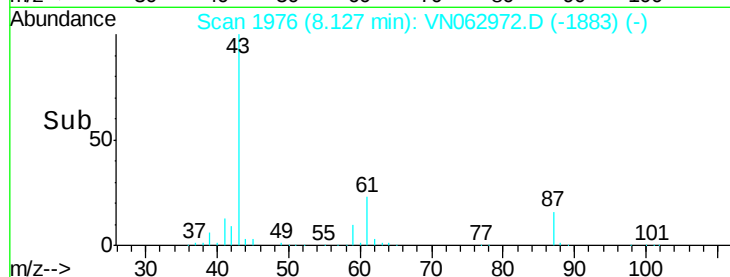
87 15.4 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VN062972.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062972.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062972.D (-1883) (-)



#44

Trichloroethene

Concen: 97.534 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062972.D

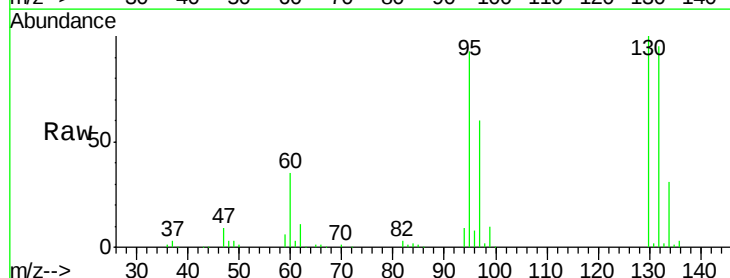
Acq: 17 Aug 2020 15:02

Tgt Ion: 130 Resp: 246111

Ion Ratio Lower Upper

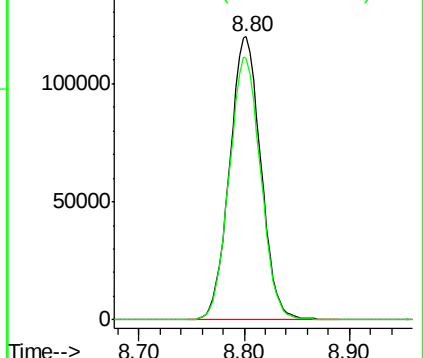
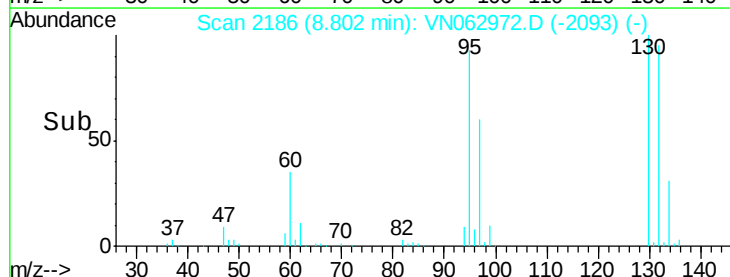
130 100

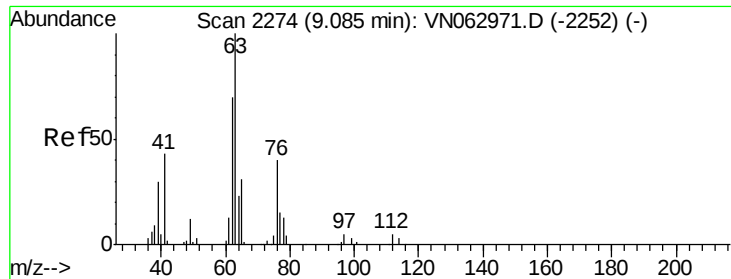
95 92.6 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): VN062972.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062972.D (-2093) (-)

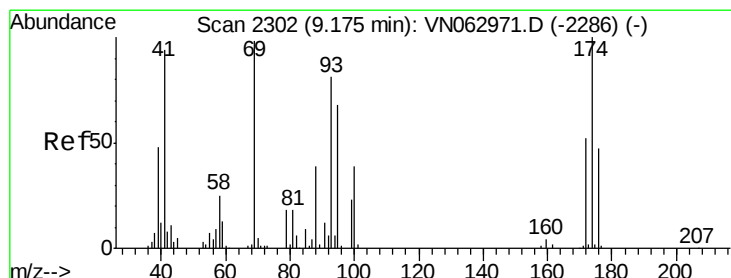
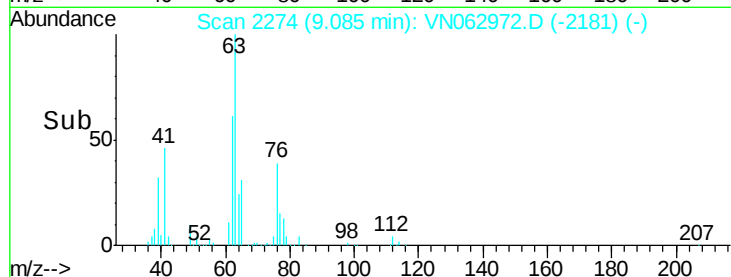
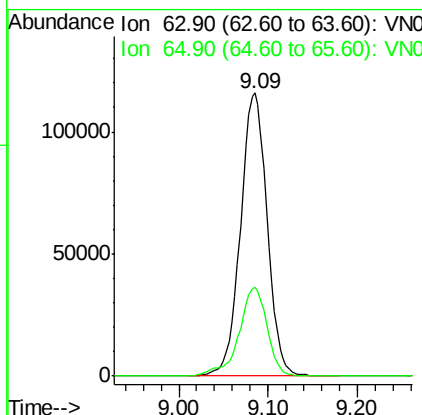
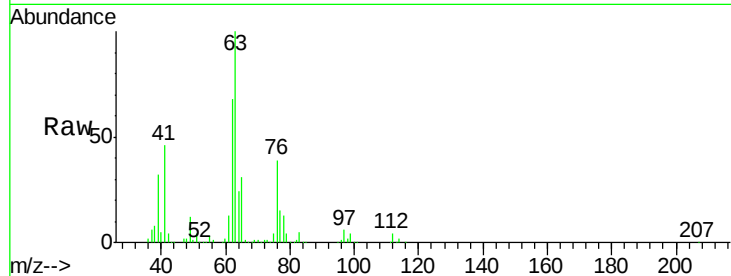




#45
 1,2-Dichloropropane
 Concen: 88.038 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

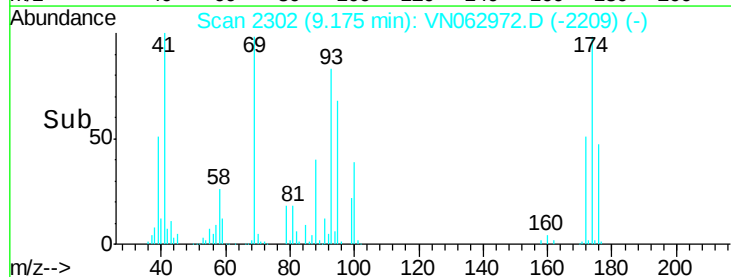
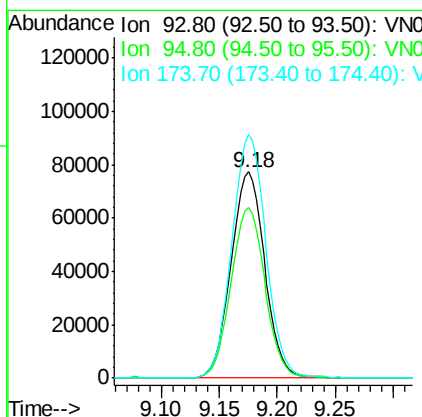
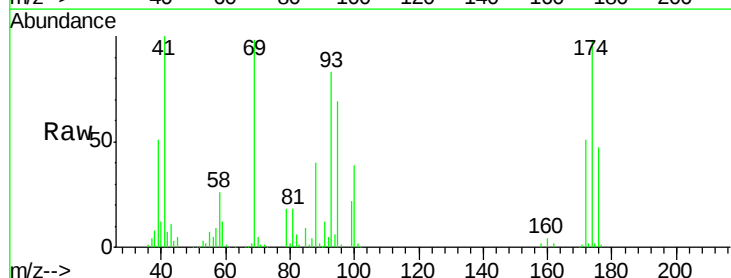
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

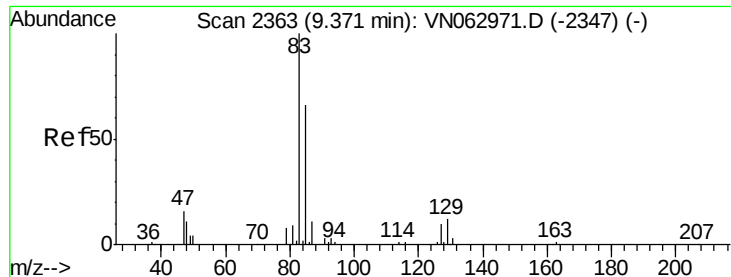
Tgt Ion: 63 Resp: 240780
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.7 37.1



#46
 Dibromomethane
 Concen: 87.238 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion: 93 Resp: 156489
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.6 99.8
 174 118.5 96.6 145.0





#47

Bromodichloromethane

Concen: 82.666 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

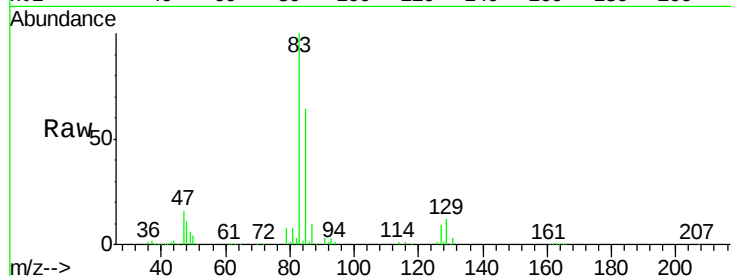
Tgt Ion: 83 Resp: 327705

Ion Ratio Lower Upper

83 100

85 64.2 52.4 78.6

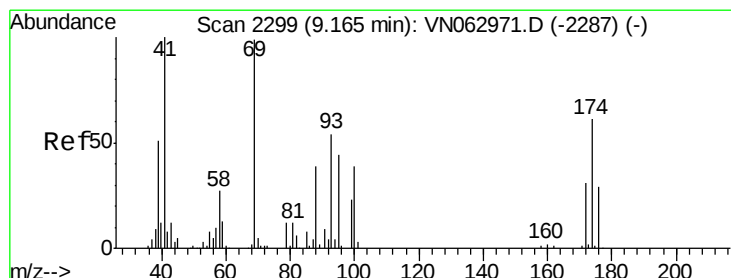
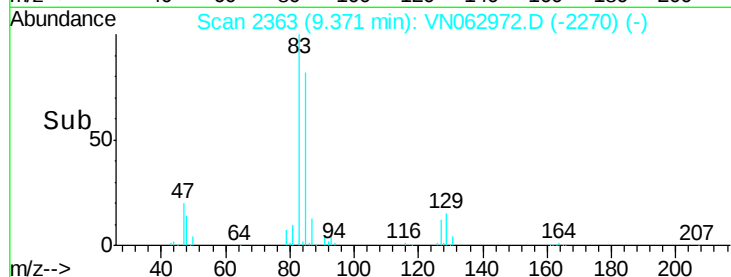
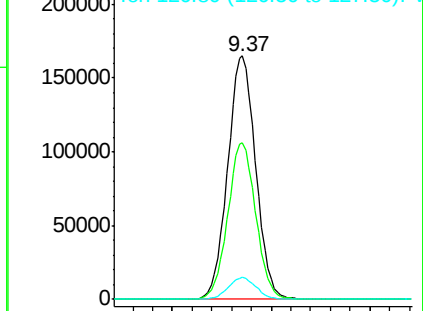
127 9.0 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VN062972.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062972.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062972.D (-2270) (-)



#48

Methyl methacrylate

Concen: 76.800 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

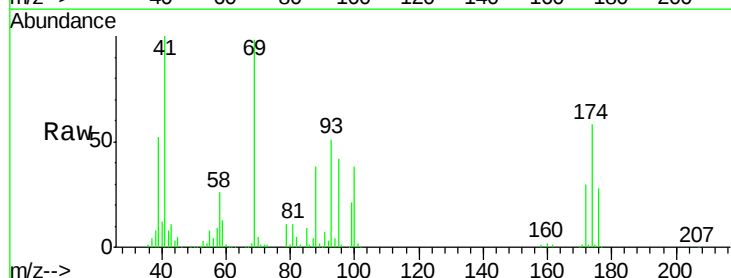
Tgt Ion: 41 Resp: 215822

Ion Ratio Lower Upper

41 100

69 100.7 81.1 121.7

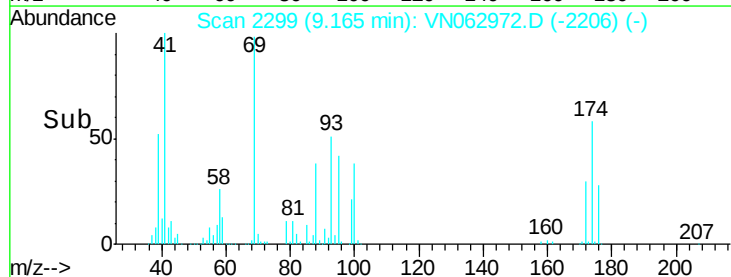
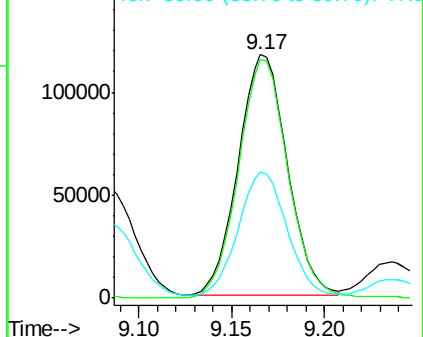
39 50.9 42.4 63.6

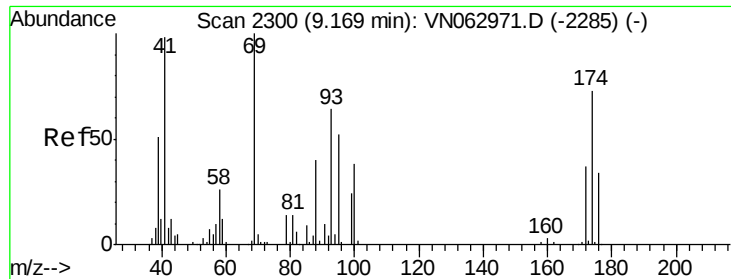


Abundance Ion 41.00 (40.70 to 41.70): VN062972.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062972.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062972.D (-2206) (-)





#49

1,4-Dioxane

Concen: 1761.361 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

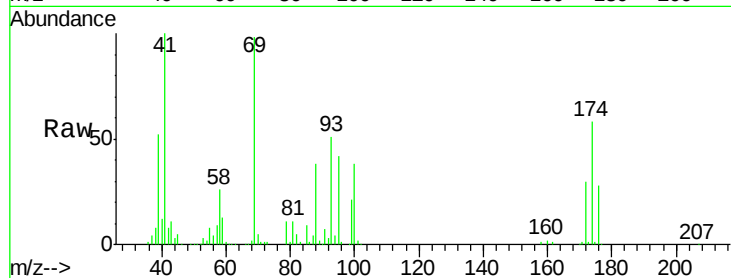
Tgt Ion: 88 Resp: 92859

Ion Ratio Lower Upper

88 100

43 27.1 23.1 34.7

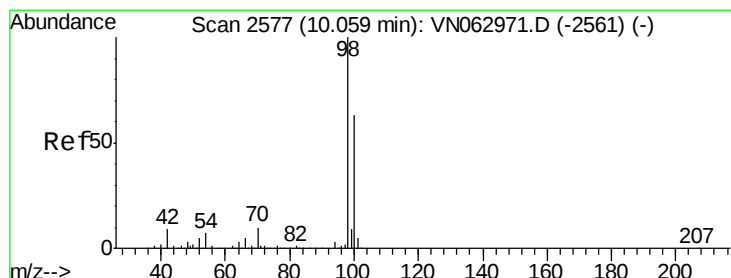
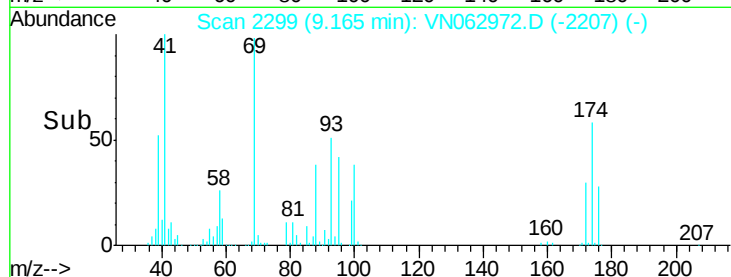
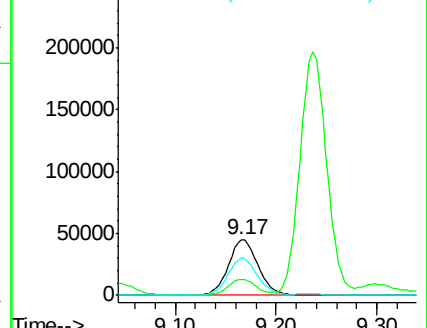
58 66.0 53.1 79.7



Abundance Ion 88.00 (87.70 to 88.70): VN062972.D (-2299) (-)

Ion 43.00 (42.70 to 43.70): VN062972.D (-2299) (-)

Ion 58.00 (57.70 to 58.70): VN062972.D (-2299) (-)



#50

Toluene-d8

Concen: 92.622 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062972.D

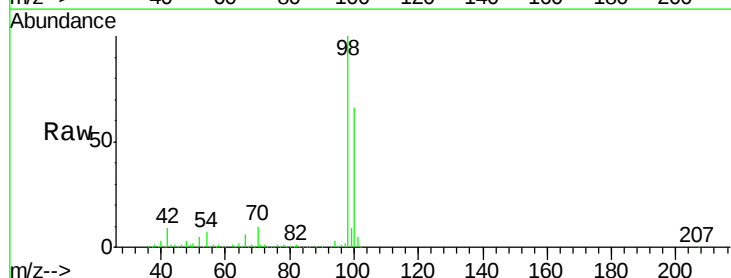
Acq: 17 Aug 2020 15:02

Tgt Ion: 98 Resp: 867821

Ion Ratio Lower Upper

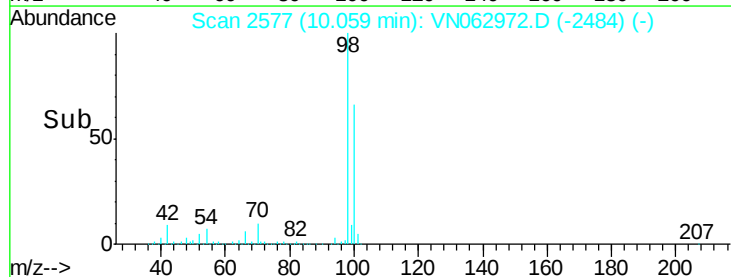
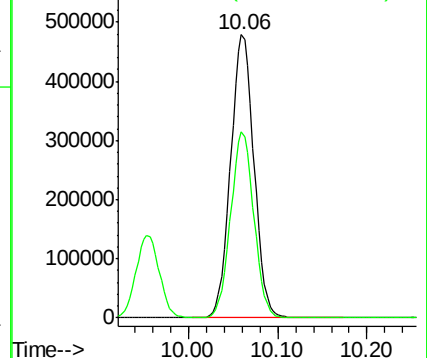
98 100

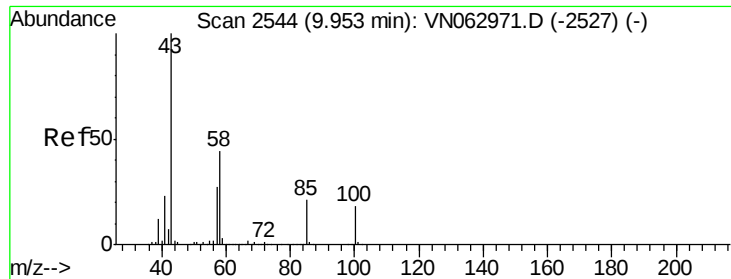
100 65.1 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VN062972.D (-2577) (-)

Ion 100.00 (99.70 to 100.70): VN062972.D (-2577) (-)

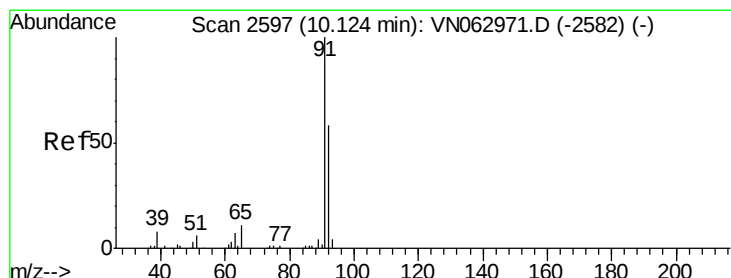
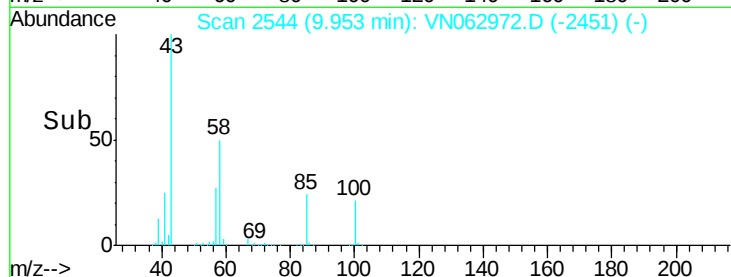
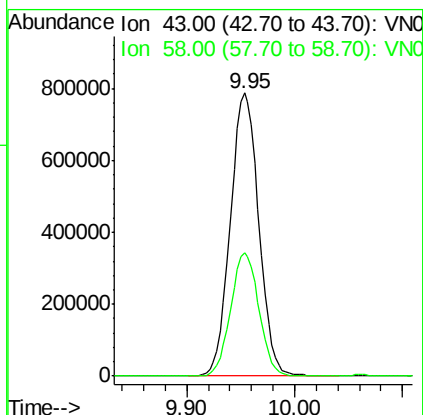
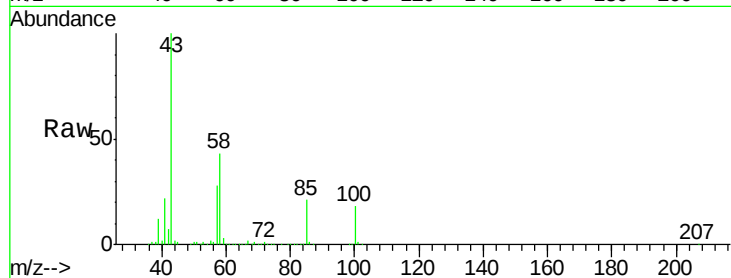




#51
 4-Methyl-2-Pentanone
 Concen: 391.256 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

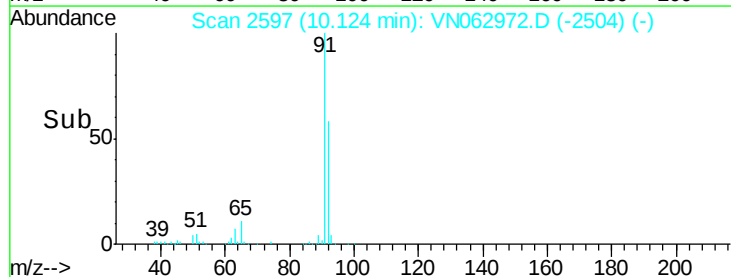
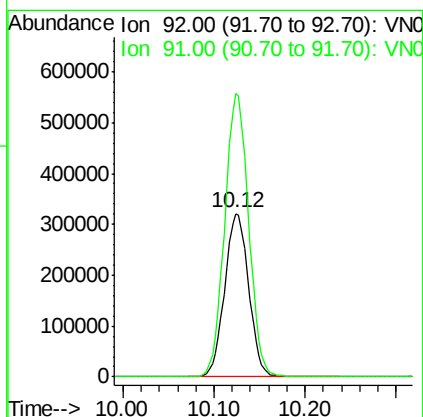
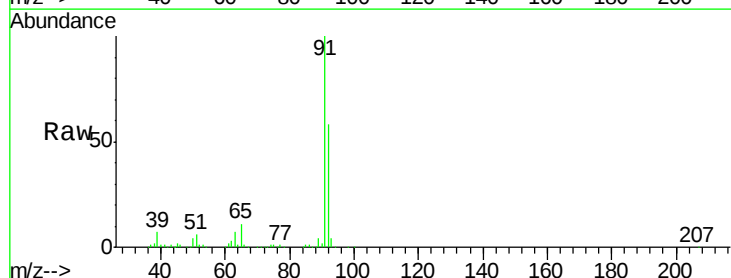
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

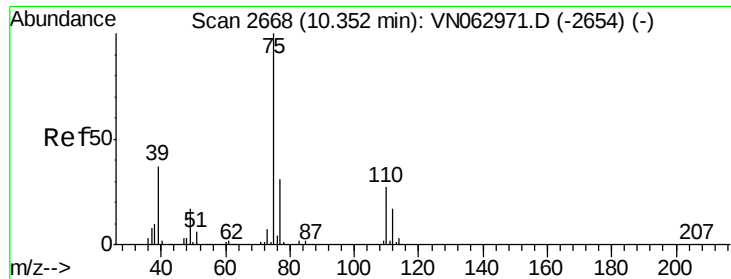
Tgt Ion: 43 Resp: 1448505
 Ion Ratio Lower Upper
 43 100
 58 43.2 34.3 51.5



#52
 Toluene
 Concen: 93.701 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion: 92 Resp: 590407
 Ion Ratio Lower Upper
 92 100
 91 172.4 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 84.748 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

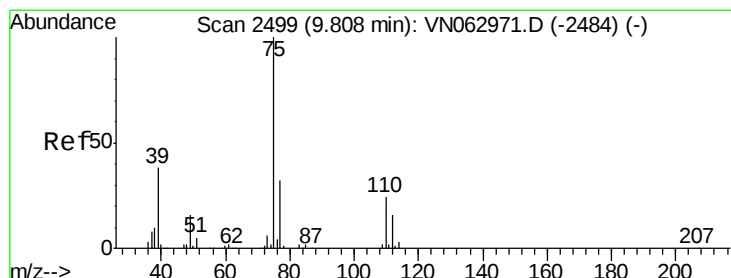
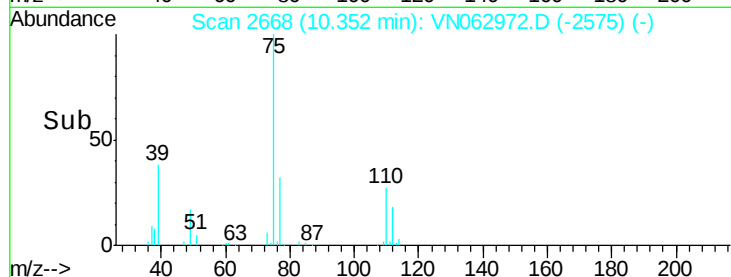
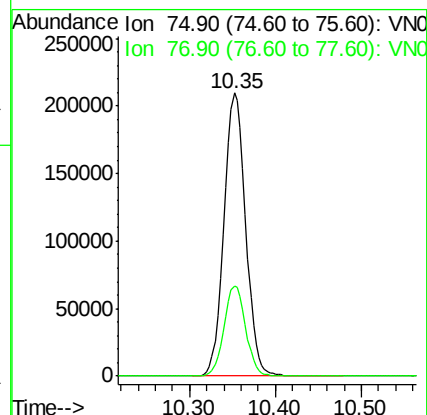
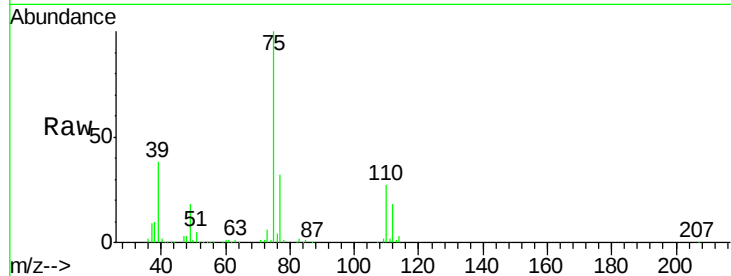
VSTDIC100

Tgt Ion: 75 Resp: 368050

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 88.833 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

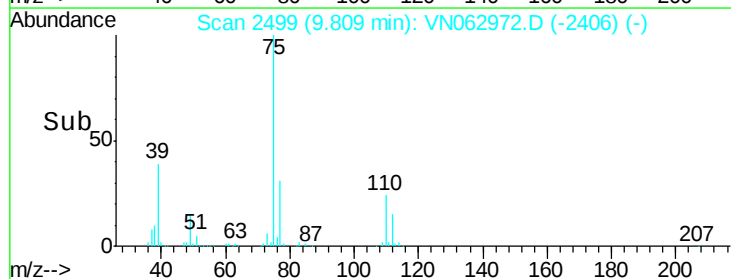
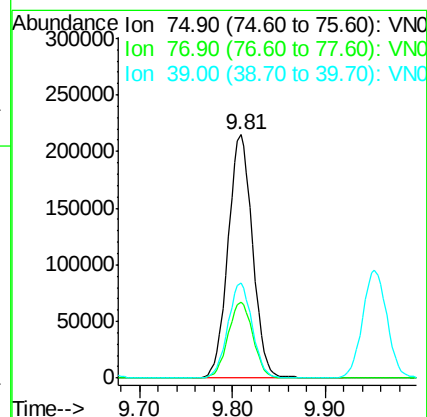
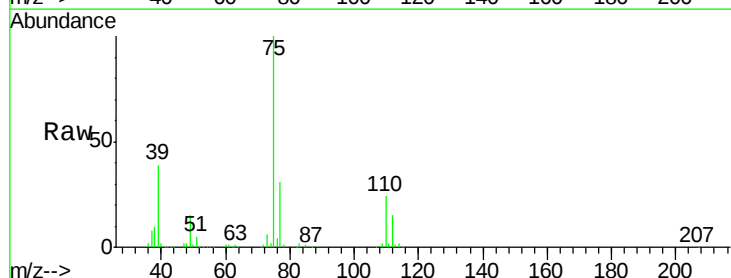
Tgt Ion: 75 Resp: 393626

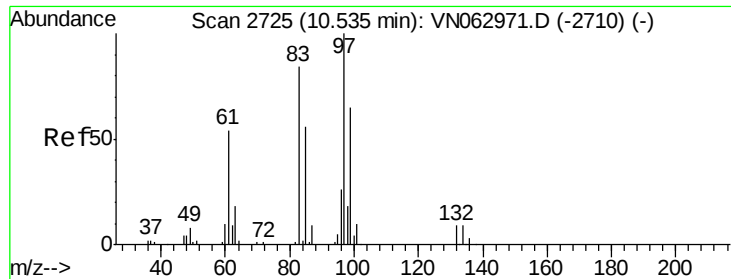
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2

39 38.9 30.6 46.0

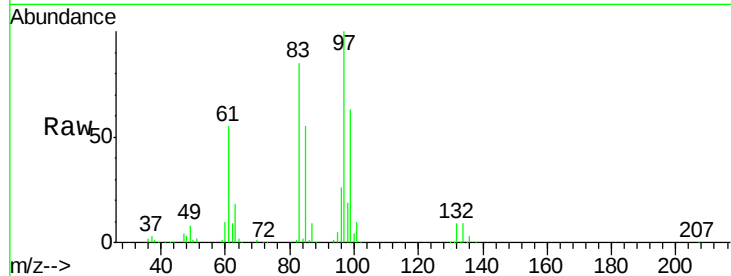




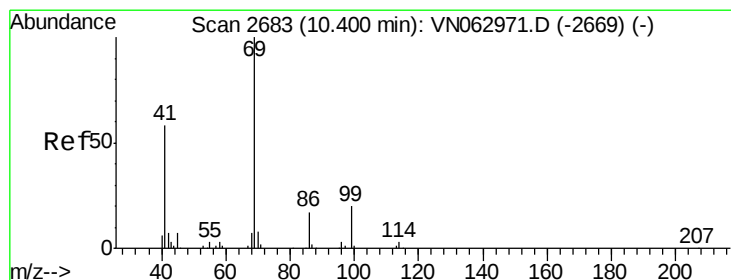
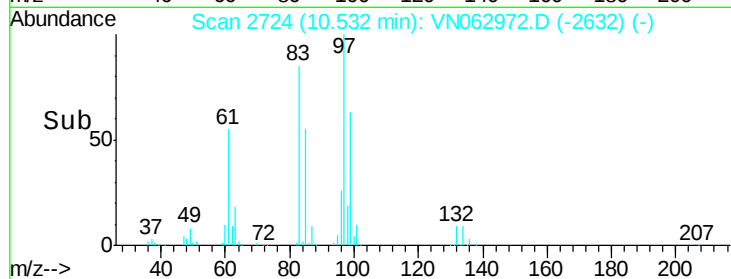
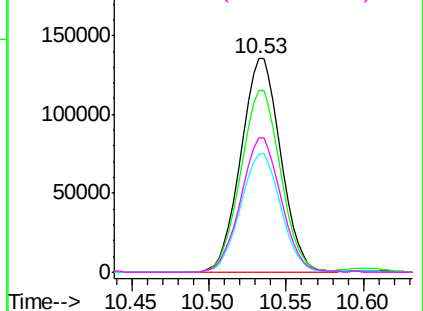
#55
 1,1,2-Trichloroethane
 Concen: 90.375 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	243866
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.0	100.4
85	55.4	44.4	66.6
99	62.7	51.9	77.9

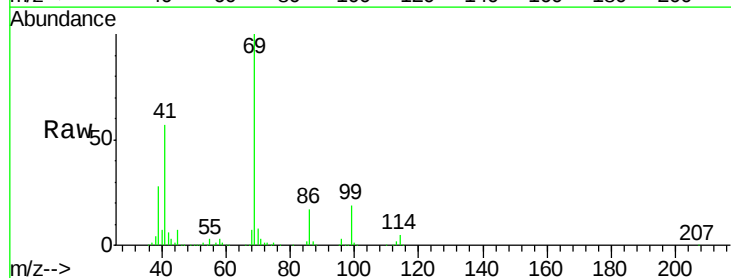


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

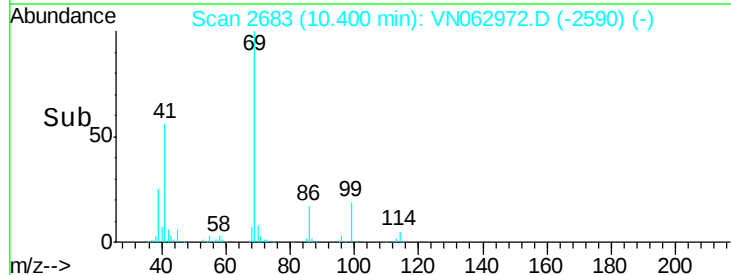
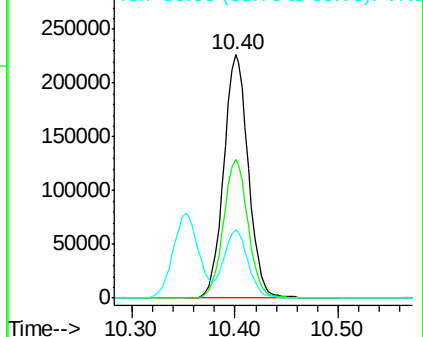


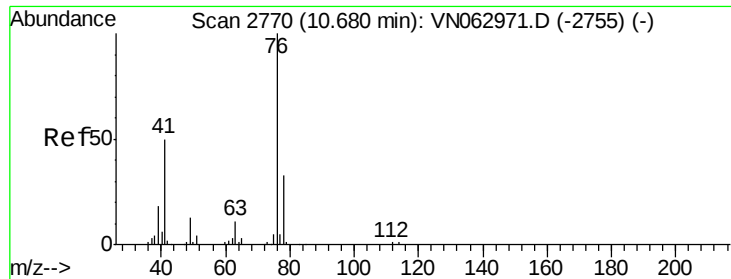
#56
 Ethyl methacrylate
 Concen: 95.061 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion:	69	Resp:	375880
Ion	Ratio	Lower	Upper
69	100		
41	56.4	46.0	69.0
39	27.9	23.4	35.0



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

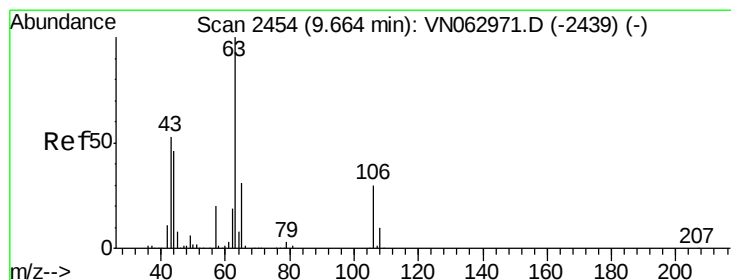
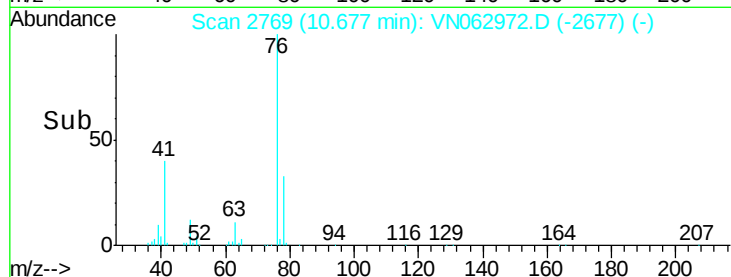
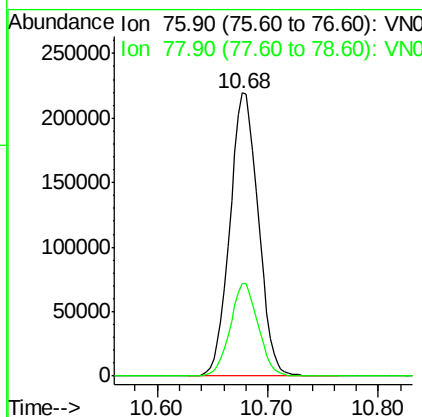
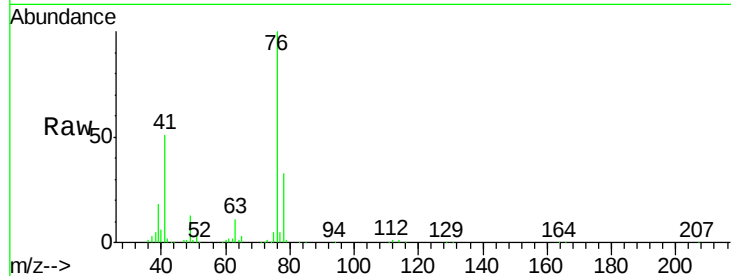




#57
 1,3-Dichloropropane
 Concen: 87.288 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

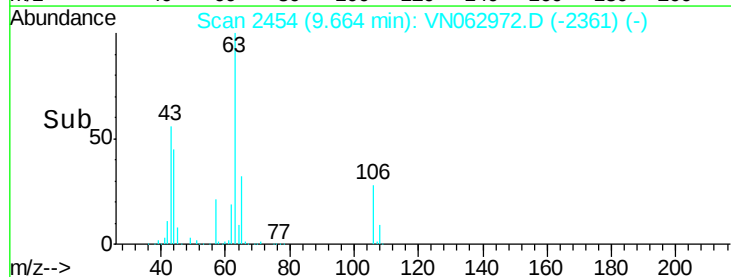
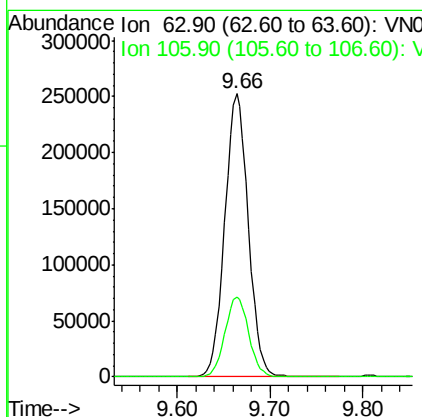
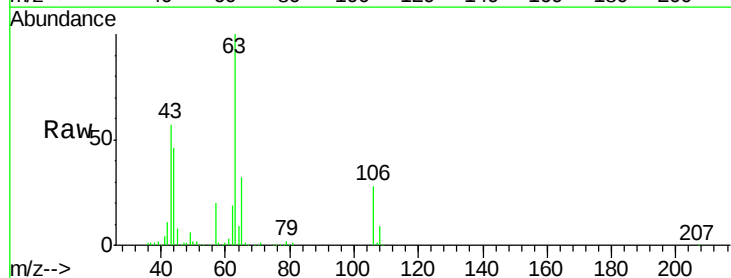
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

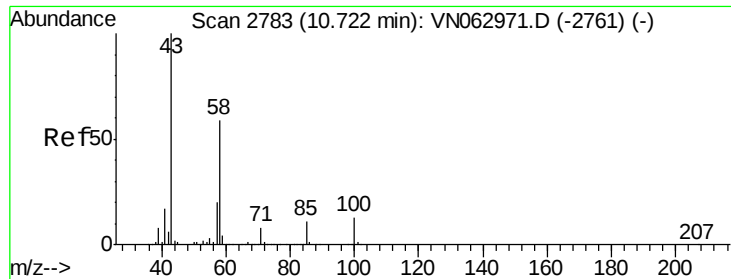
Tgt Ion: 76 Resp: 393629
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 405.026 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion: 63 Resp: 443228
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.4 35.2

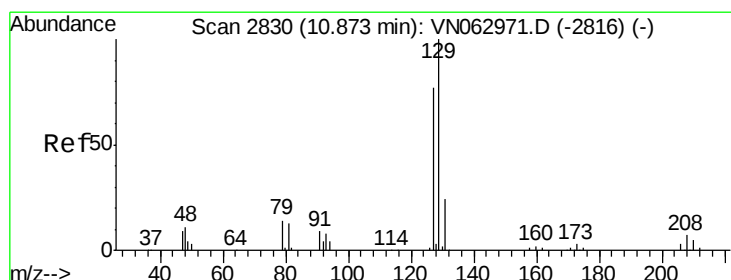
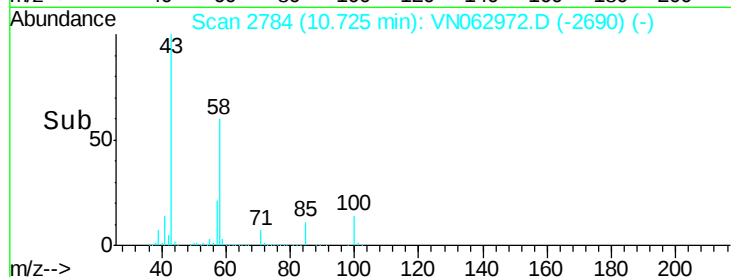
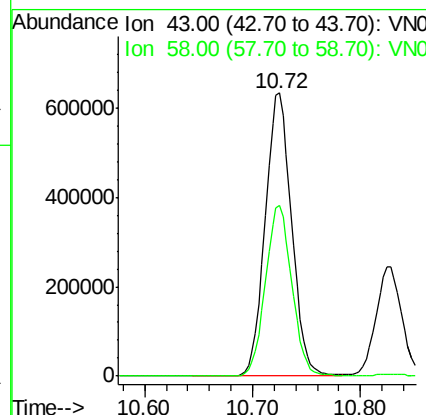
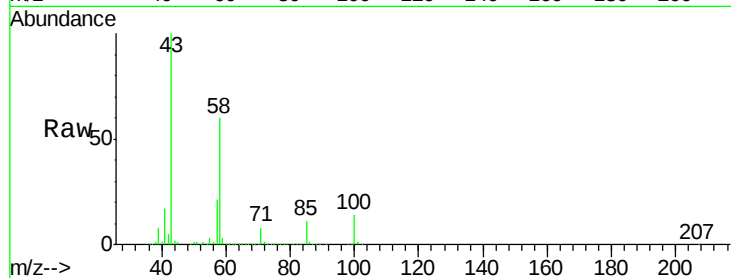




#59
2-Hexanone
Concen: 391.206 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

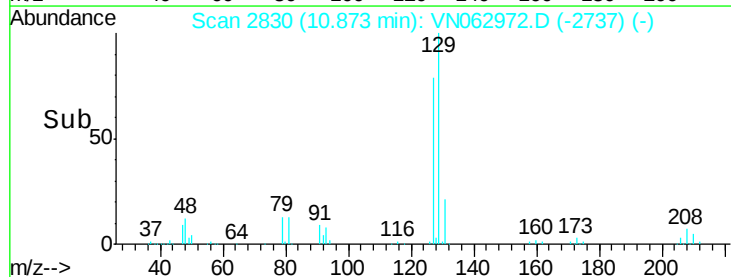
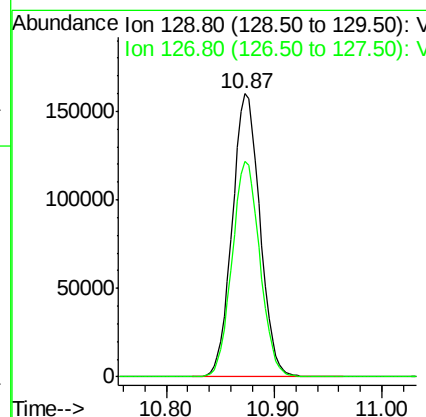
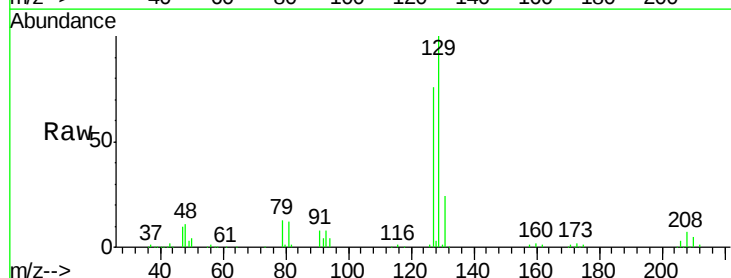
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

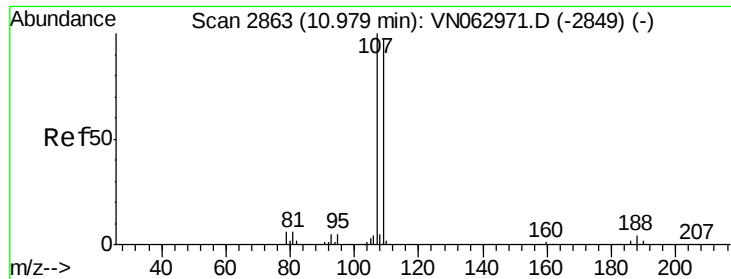
Tgt Ion: 43 Resp: 1074730
Ion Ratio Lower Upper
43 100
58 60.3 29.5 88.5



#60
Dibromochloromethane
Concen: 93.459 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

Tgt Ion: 129 Resp: 285476
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 94.929 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

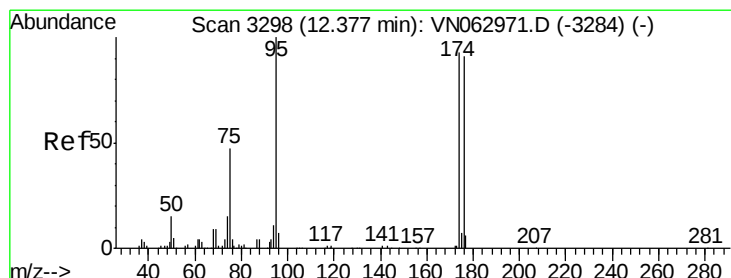
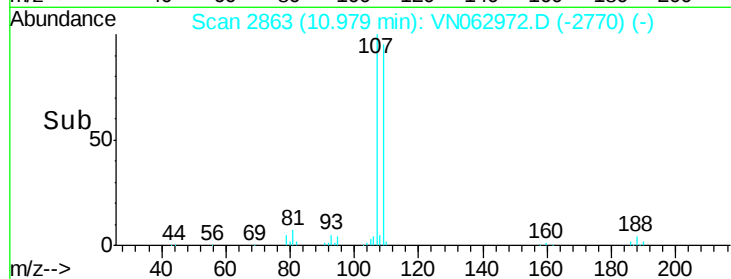
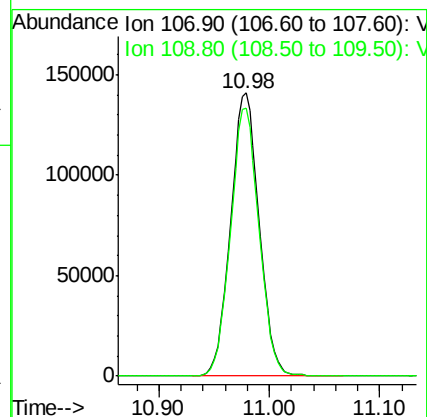
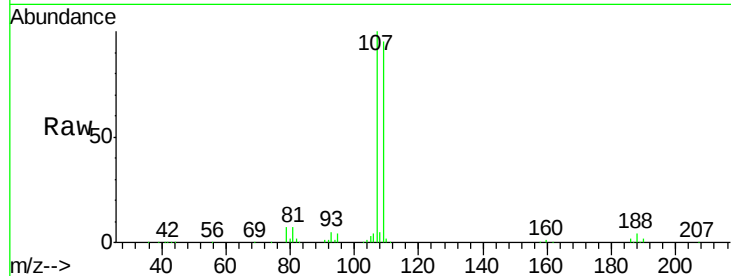
VSTDIC100

Tgt Ion: 107 Resp: 252403

Ion Ratio Lower Upper

107 100

109 95.0 76.6 115.0



#62

4-Bromofluorobenzene

Concen: 92.051 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

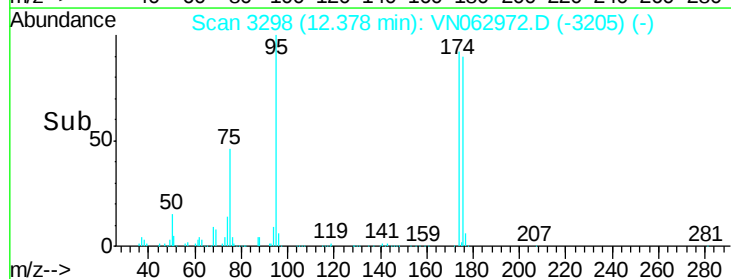
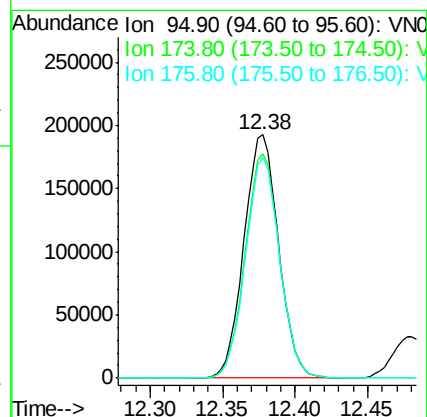
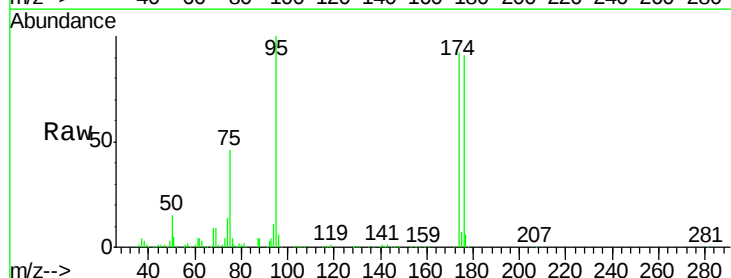
Tgt Ion: 95 Resp: 320317

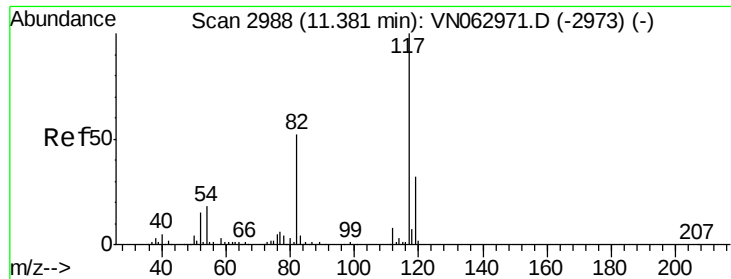
Ion Ratio Lower Upper

95 100

174 91.9 0.0 185.2

176 89.5 0.0 178.8

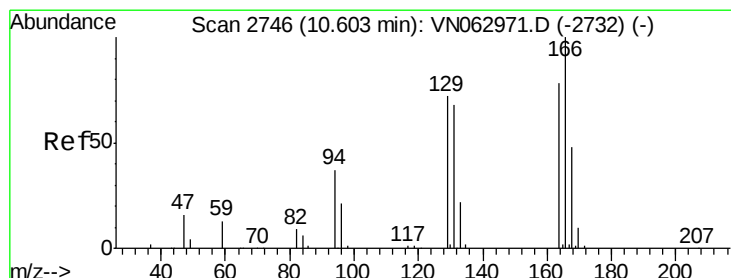
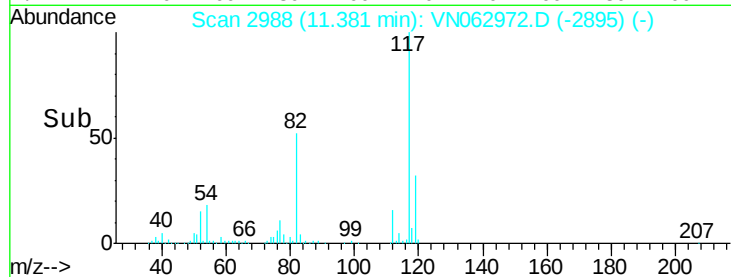
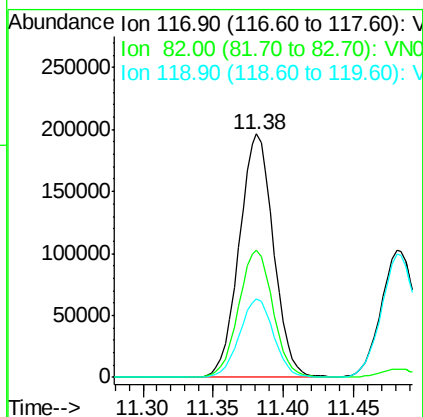
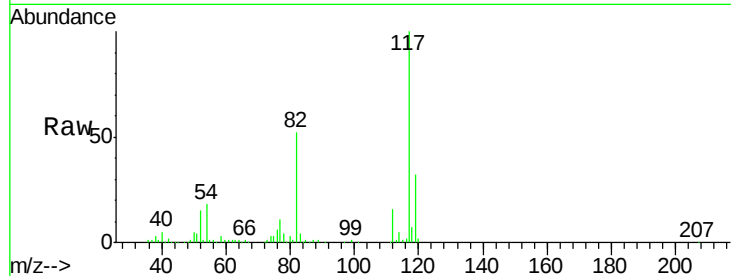




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

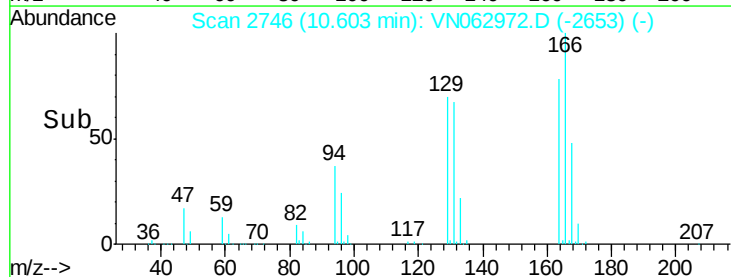
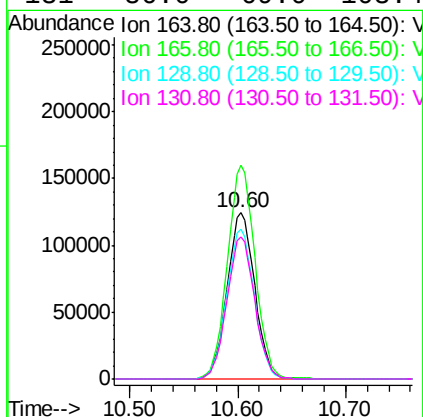
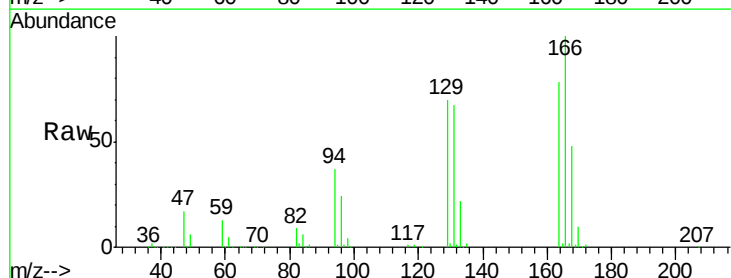
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

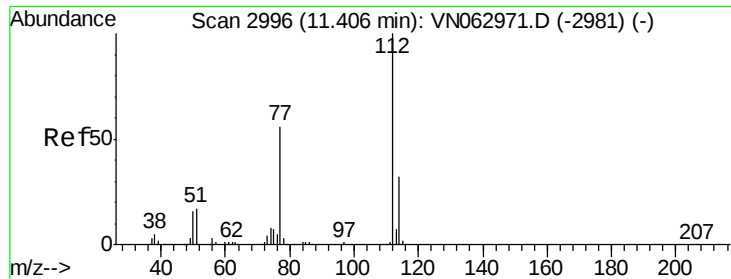
Tgt Ion:117 Resp: 334609
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 101.235 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

Tgt Ion:164 Resp: 221581
Ion Ratio Lower Upper
164 100
166 128.6 101.9 152.9
129 89.9 73.1 109.7
131 86.0 69.0 103.4

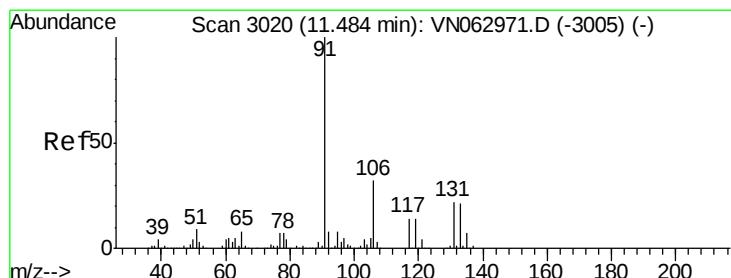
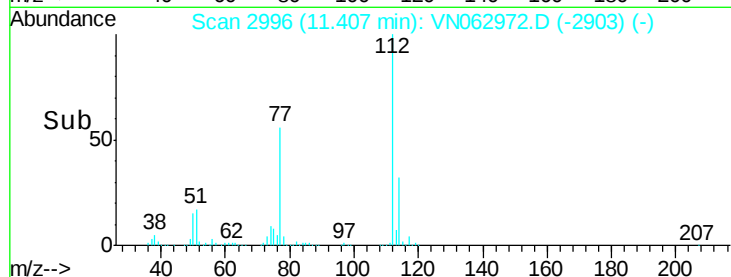
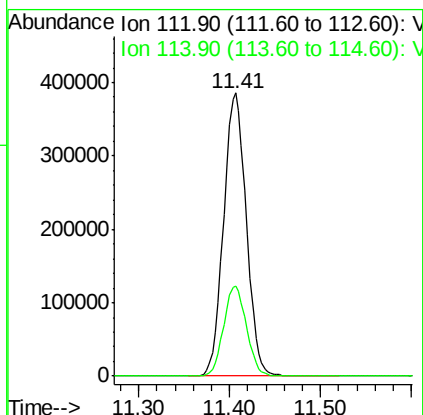
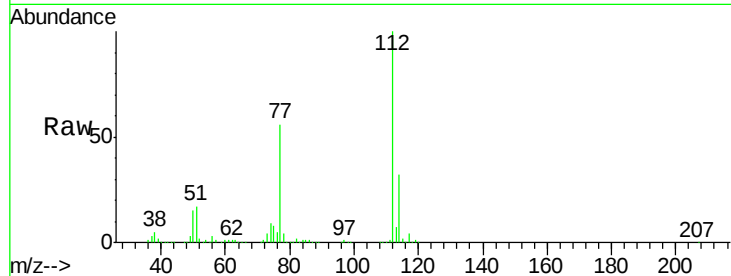




#65
Chlorobenzene
Concen: 96.044 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

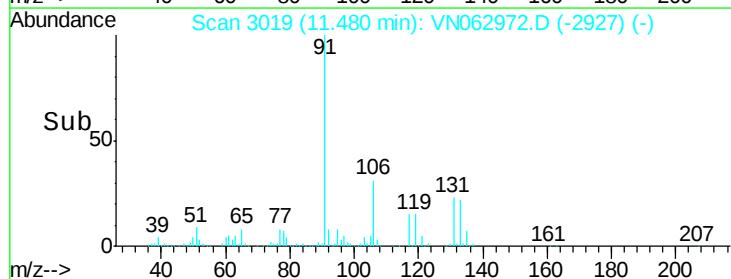
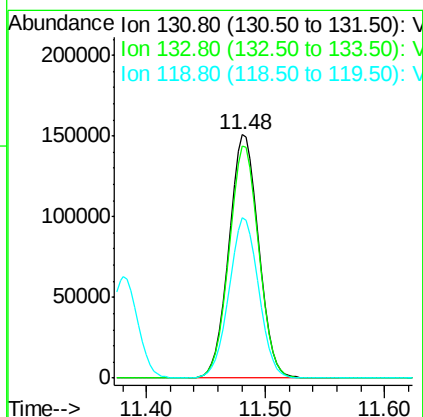
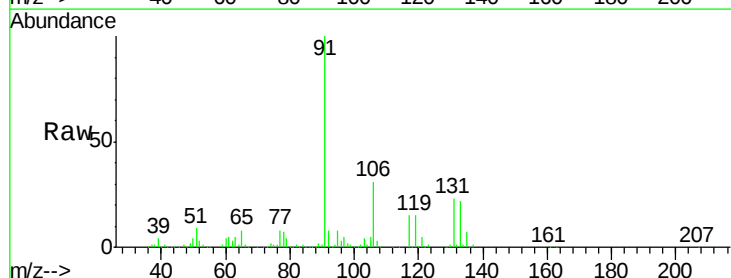
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

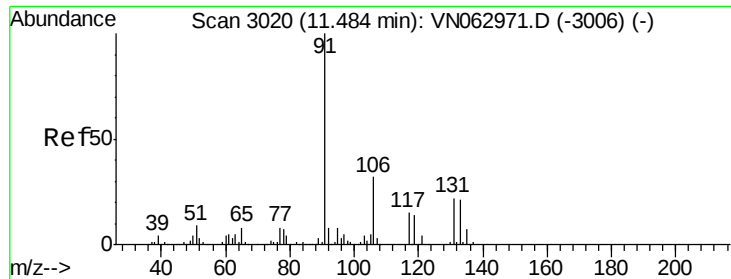
Tgt Ion:112 Resp: 668858
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 93.890 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

Tgt Ion:131 Resp: 260564
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 66.0 32.4 97.0

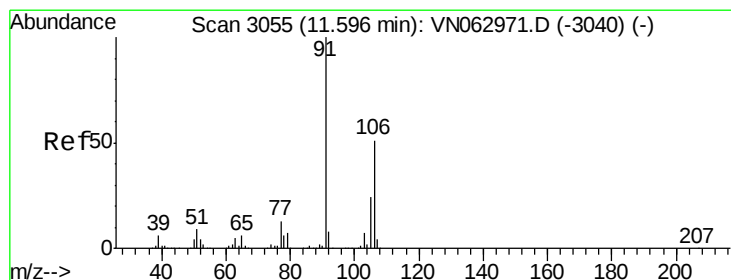
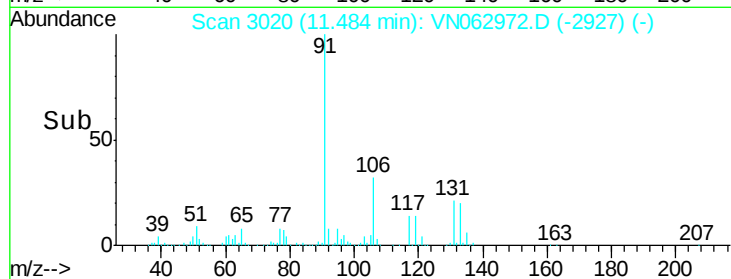
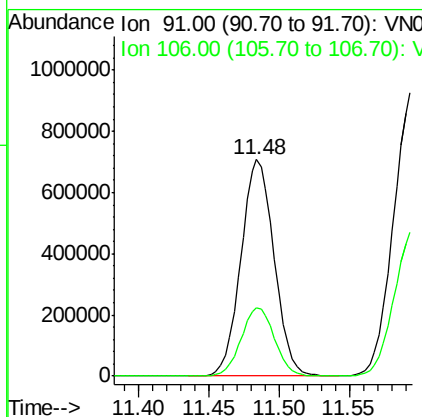
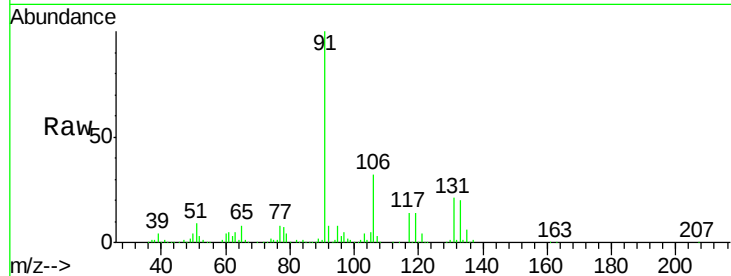




#67
 Ethyl Benzene
 Concen: 94.981 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

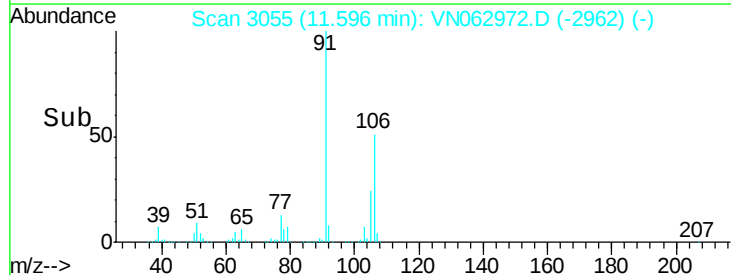
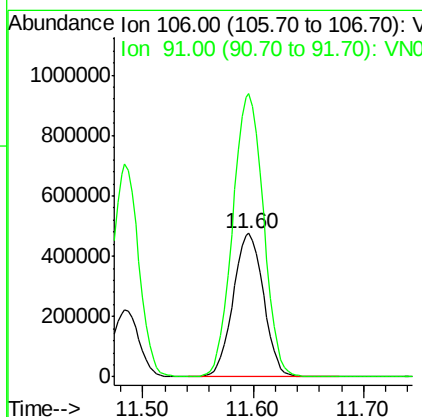
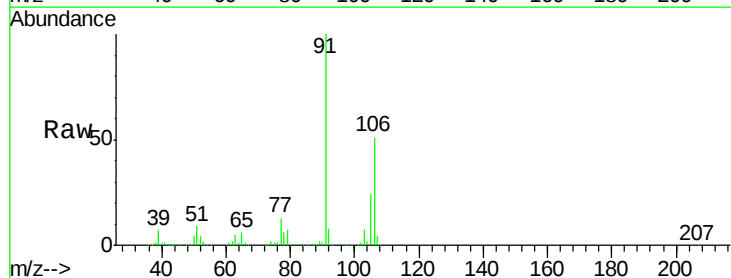
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

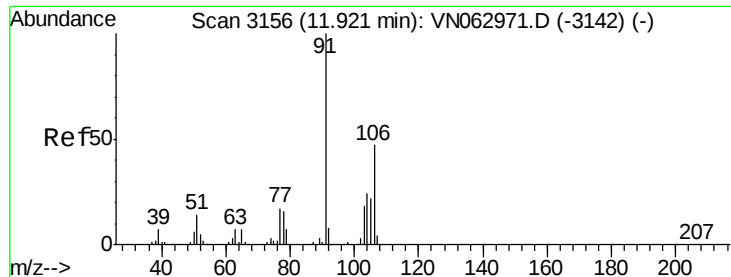
Tgt Ion: 91 Resp: 1167253
 Ion Ratio Lower Upper
 91 100
 106 31.6 25.9 38.9



#68
 m/p-Xylenes
 Concen: 201.439 ug/l
 RT: 11.60 min Scan# 3055
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion: 106 Resp: 907533
 Ion Ratio Lower Upper
 106 100
 91 199.7 158.7 238.1

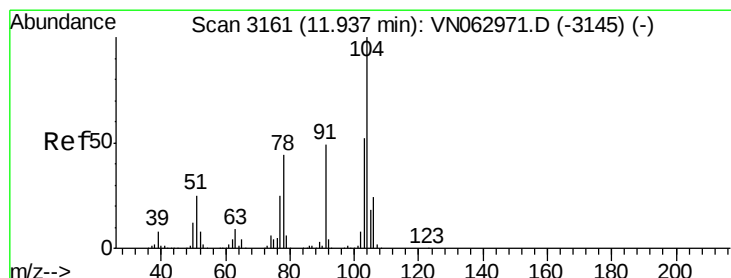
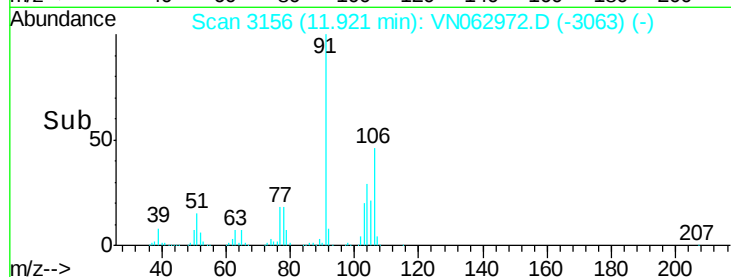
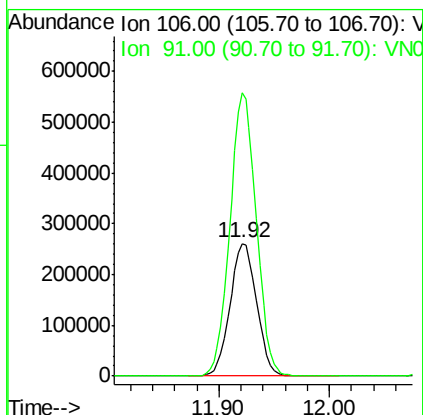
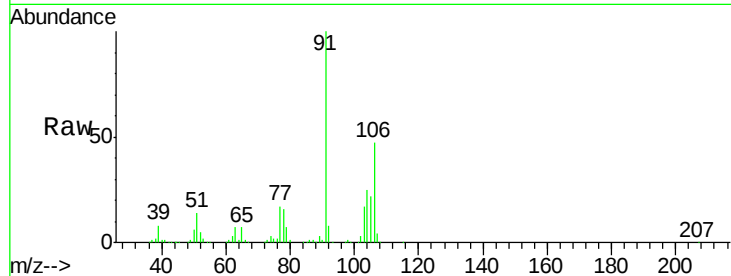




#69
o-Xylene
Concen: 103.290 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

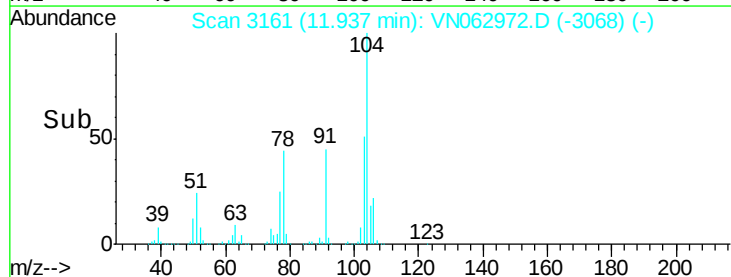
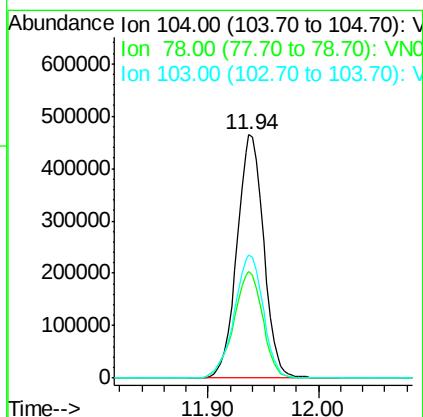
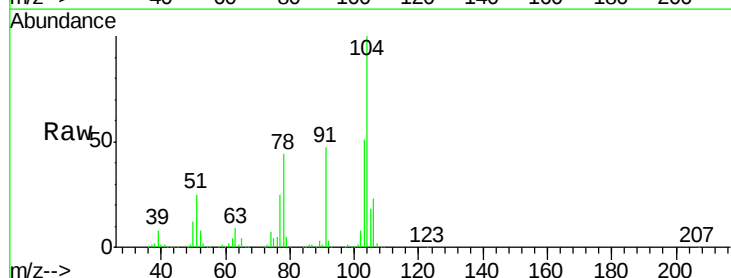
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

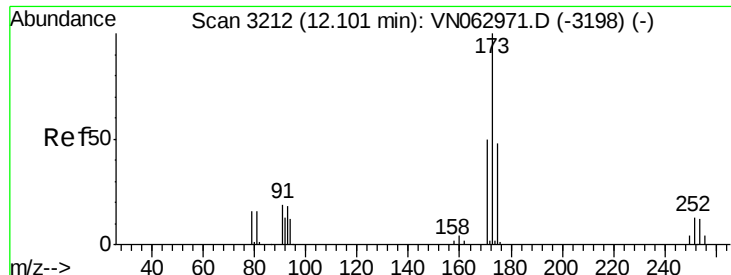
Tgt Ion:106 Resp: 435118
Ion Ratio Lower Upper
106 100
91 212.1 106.3 318.8



#70
Styrene
Concen: 105.354 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

Tgt Ion:104 Resp: 779622
Ion Ratio Lower Upper
104 100
78 47.6 38.2 57.4
103 54.9 44.9 67.3

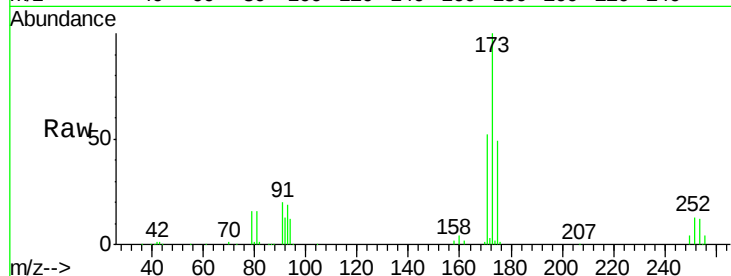




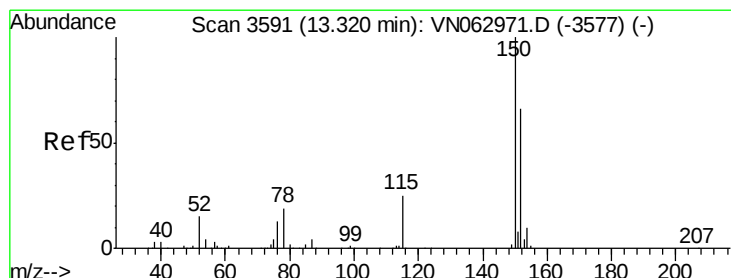
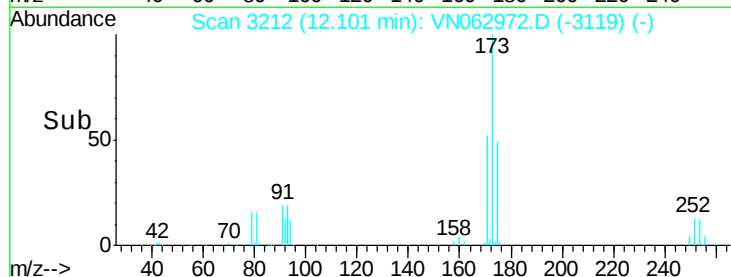
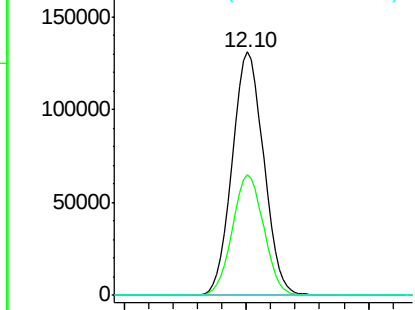
#71
Bromoform
Concen: 102.508 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:173 Resp: 235013
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.2
254 0.1 0.0 0.0#

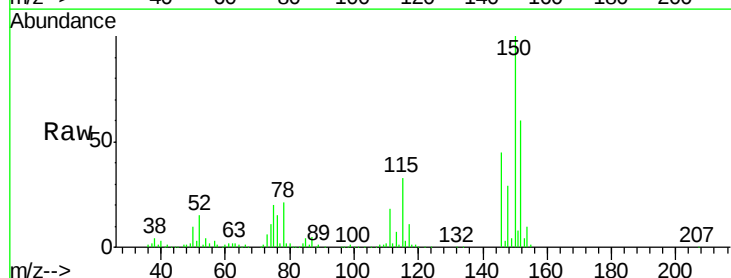


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

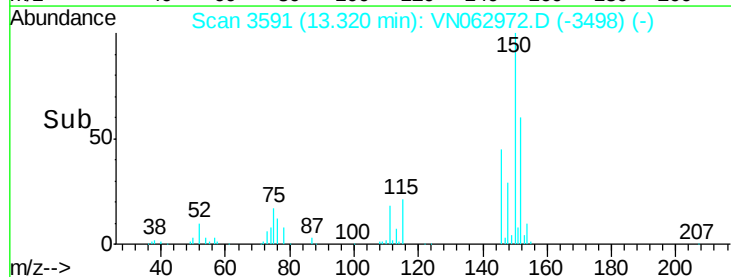
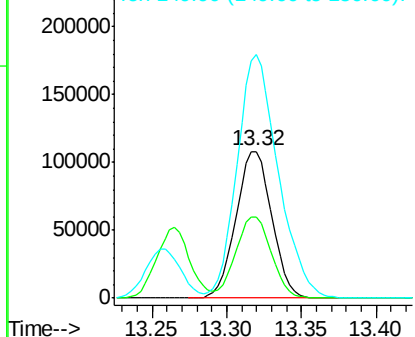


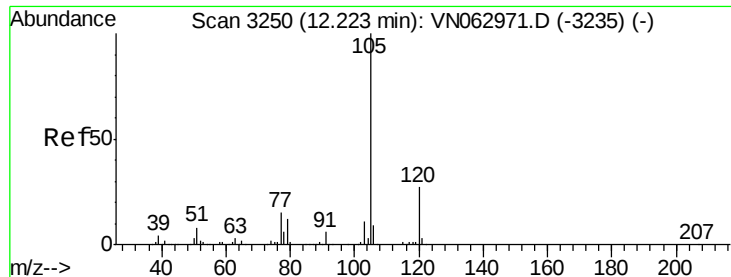
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

Tgt Ion:152 Resp: 180896
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 189.2 0.0 341.4



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: 88.969 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

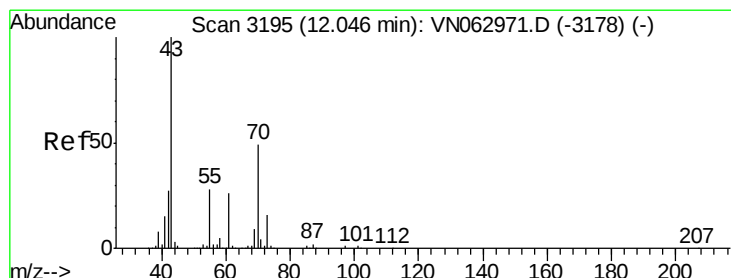
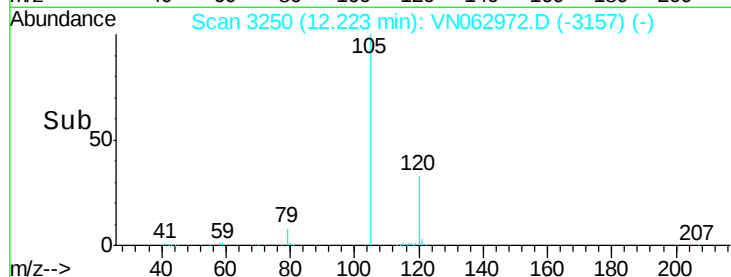
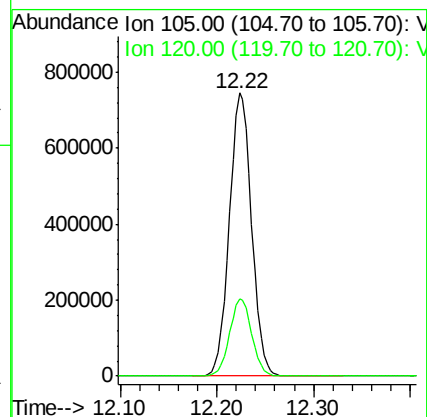
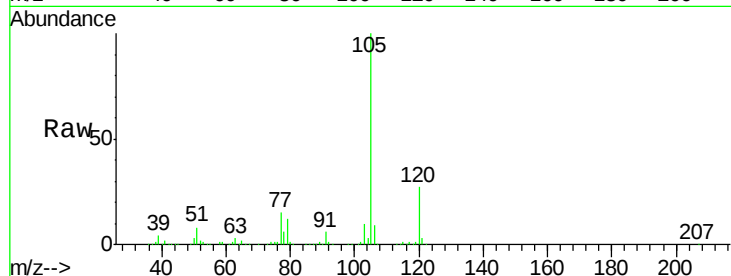
VSTDIC100

Tgt Ion:105 Resp: 1186538

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 79.181 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Tgt Ion: 43 Resp: 411786

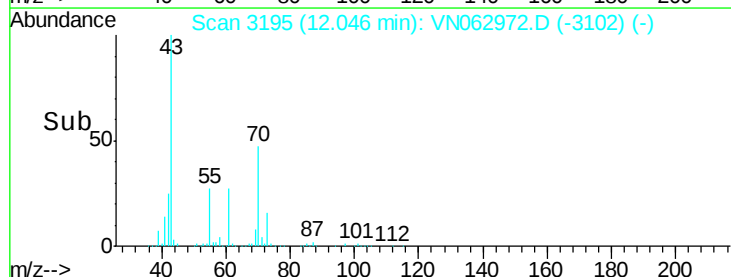
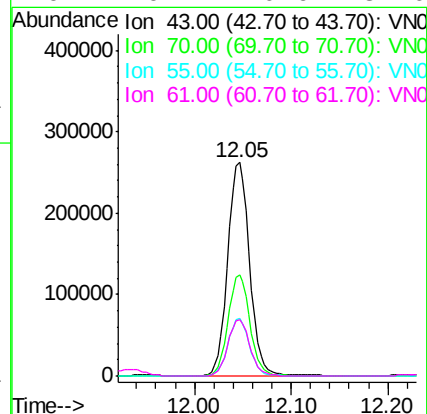
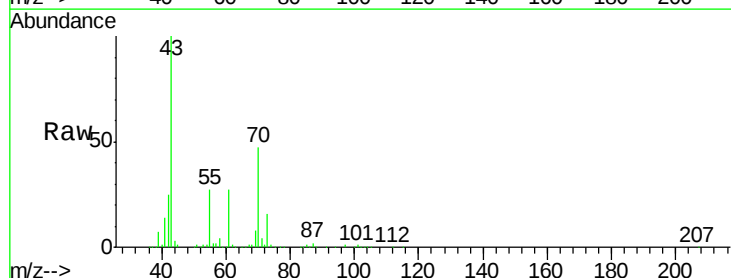
Ion Ratio Lower Upper

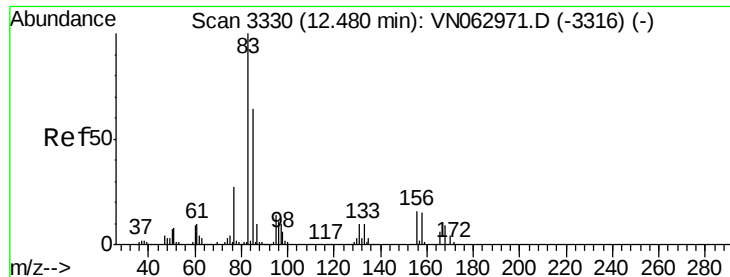
43 100

70 47.4 38.4 57.6

55 26.8 21.9 32.9

61 26.7 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 78.379 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

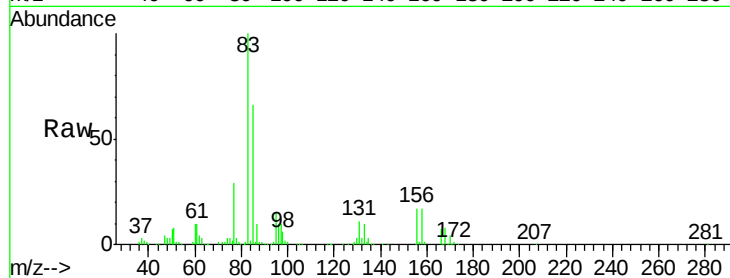
Tgt Ion: 83 Resp: 367625

Ion Ratio Lower Upper

83 100

131 11.2 5.3 16.1

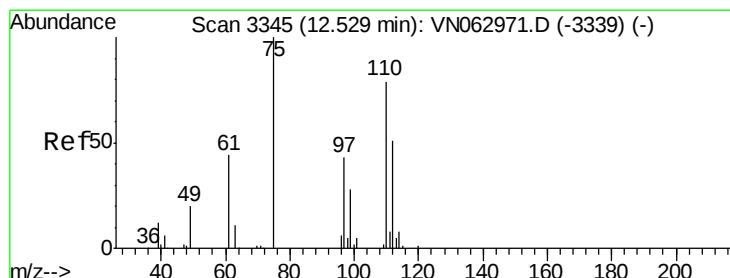
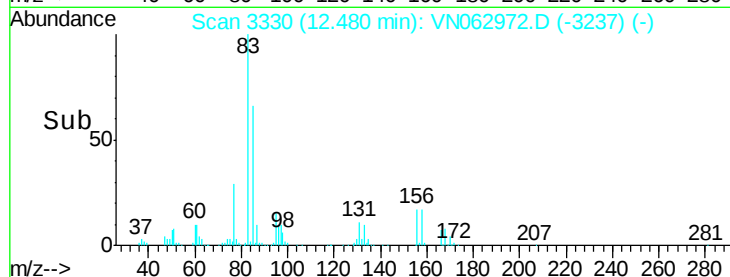
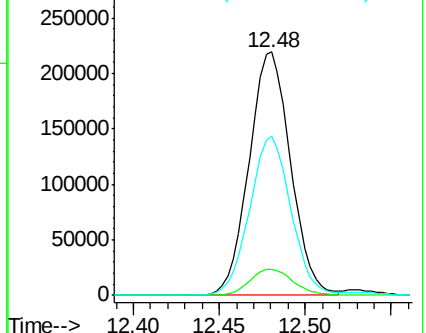
85 65.0 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN062972.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062972.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062972.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 99.823 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062972.D

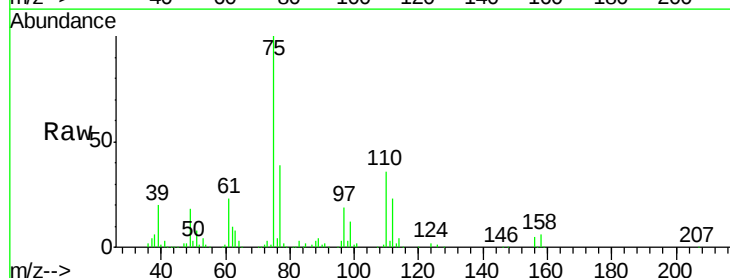
Acq: 17 Aug 2020 15:02

Tgt Ion: 75 Resp: 467488

Ion Ratio Lower Upper

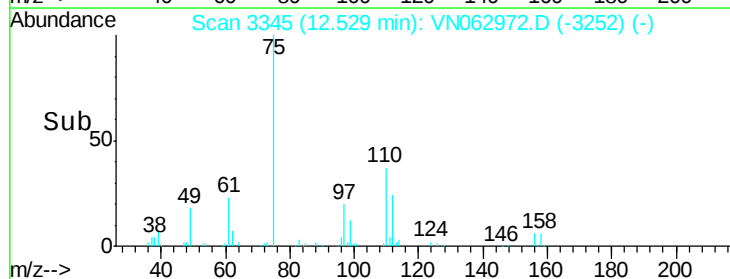
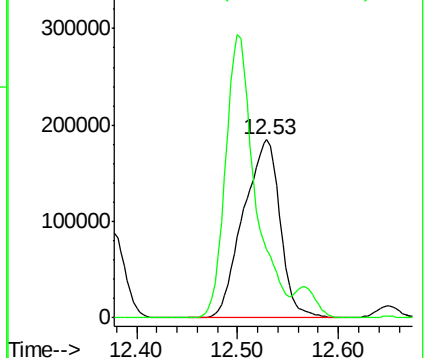
75 100

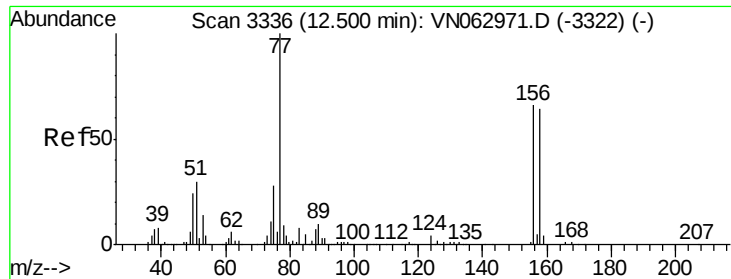
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062972.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062972.D (-3252) (-)





#77

Bromobenzene

Concen: 96.715 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

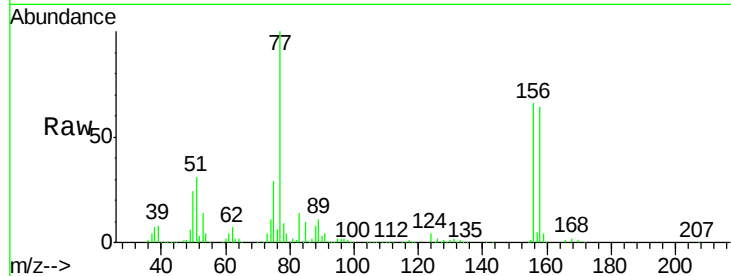
Tgt Ion:156 Resp: 328855

Ion Ratio Lower Upper

156 100

77 183.0 92.4 277.2

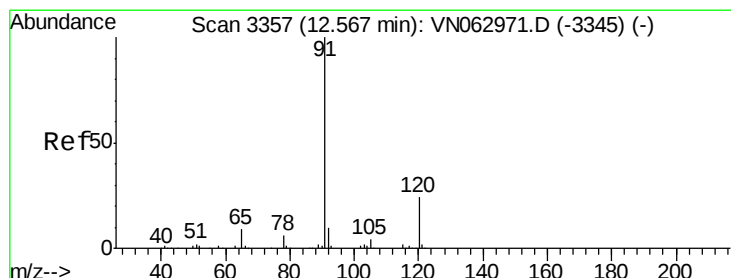
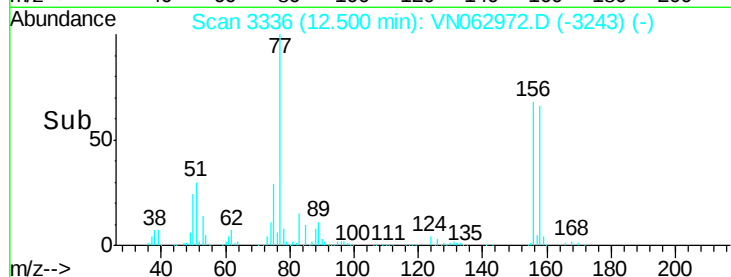
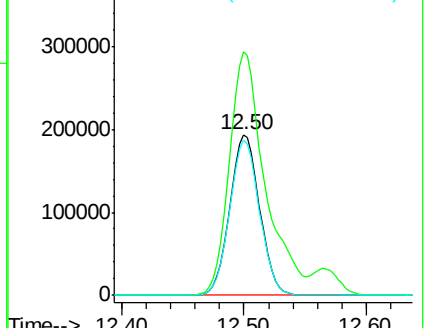
158 97.1 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 87.478 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062972.D

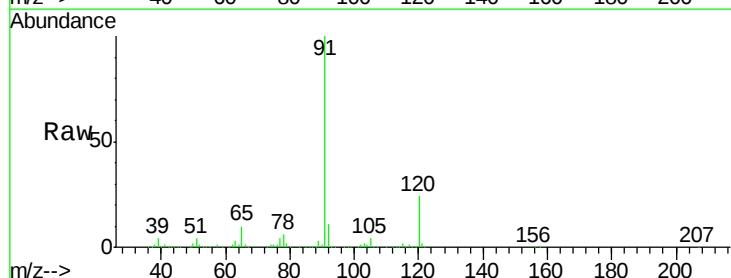
Acq: 17 Aug 2020 15:02

Tgt Ion: 91 Resp: 1364808

Ion Ratio Lower Upper

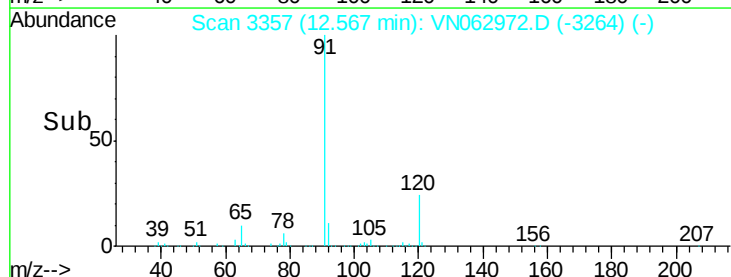
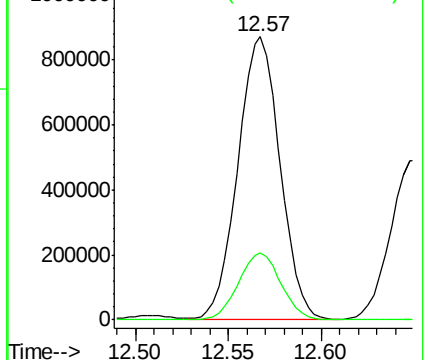
91 100

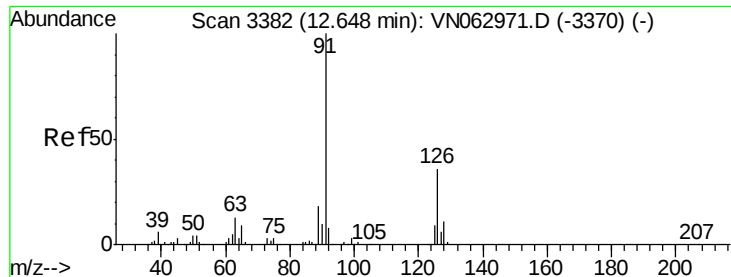
120 24.0 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 82.854 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

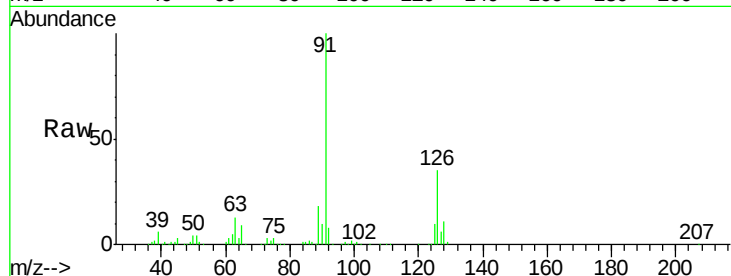
VSTDIC100

Tgt Ion: 91 Resp: 806741

Ion Ratio Lower Upper

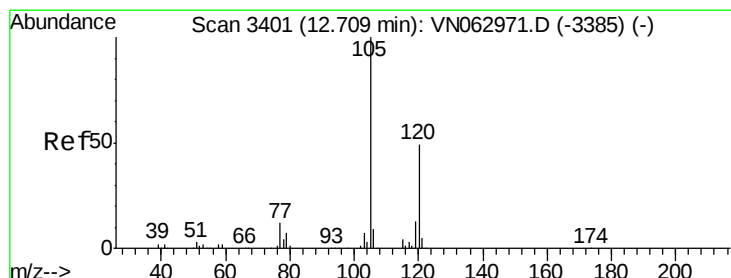
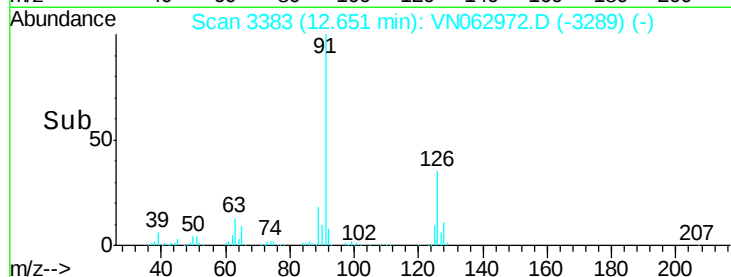
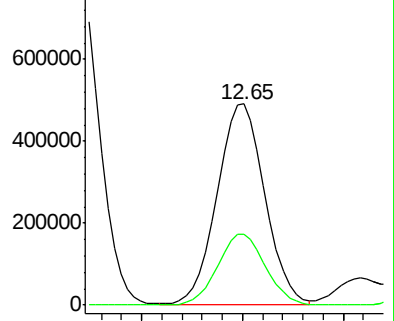
91 100

126 35.7 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VN062971.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062971.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 89.932 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062972.D

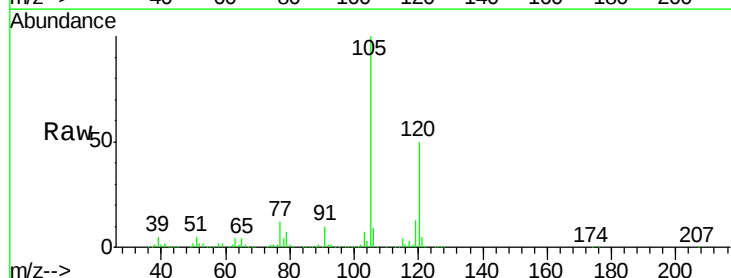
Acq: 17 Aug 2020 15:02

Tgt Ion: 105 Resp: 1038596

Ion Ratio Lower Upper

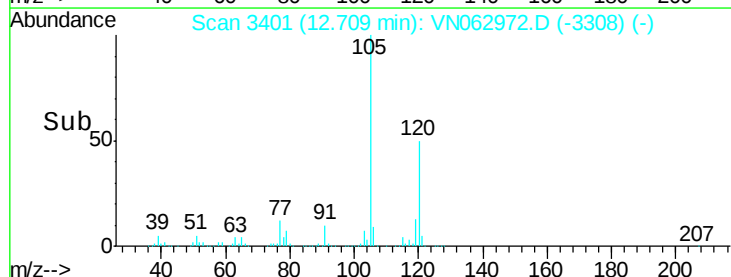
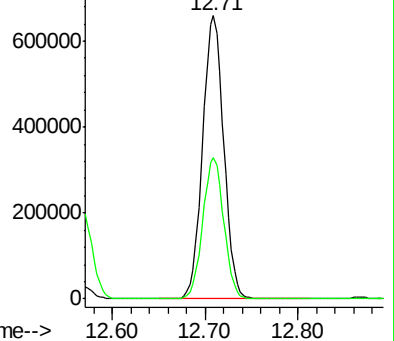
105 100

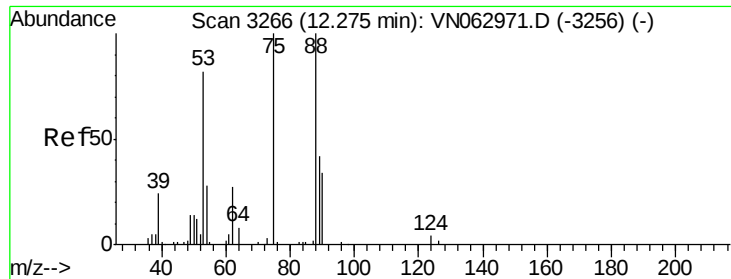
120 49.7 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN062971.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062971.D (-3385) (-)

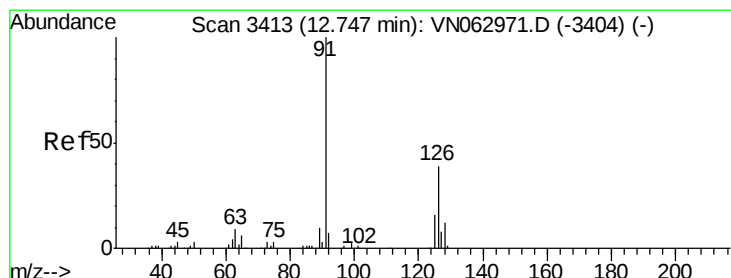
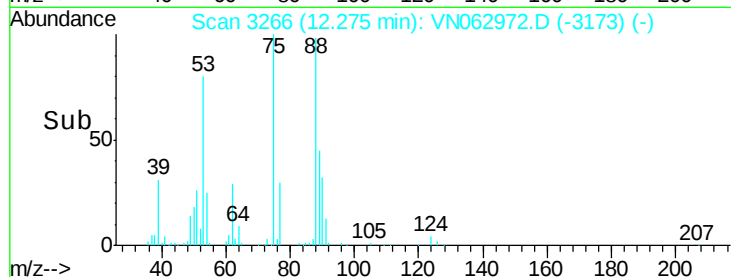
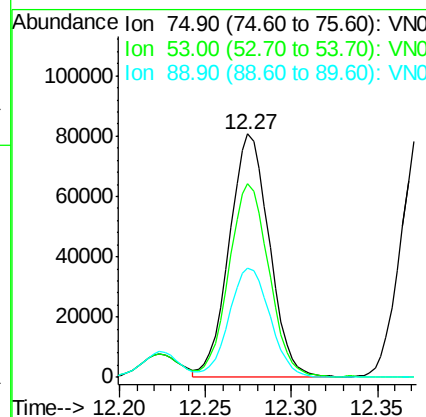
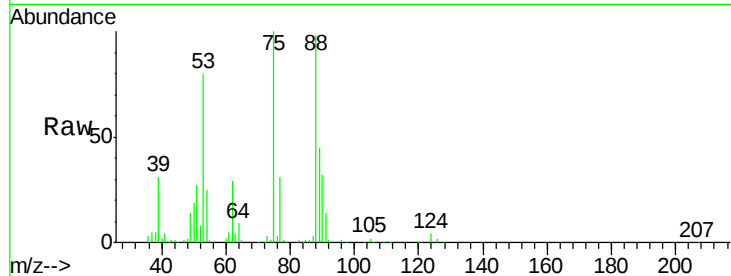




#81
trans-1,4-Dichloro-2-butene
Concen: 85.124 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

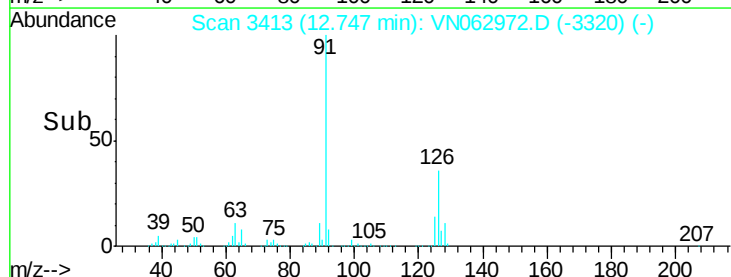
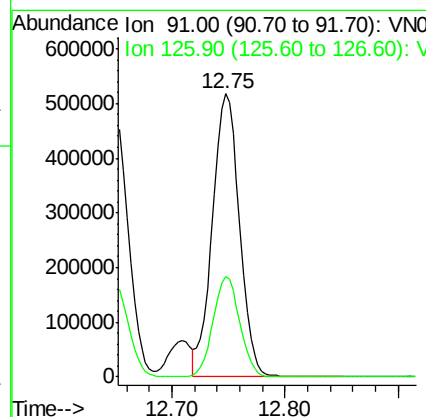
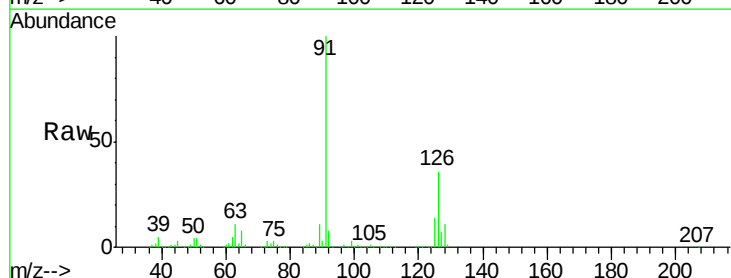
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

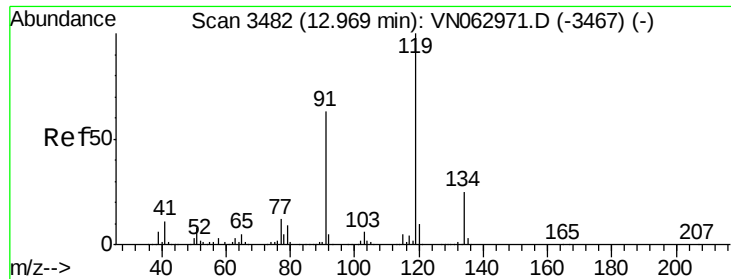
Tgt Ion: 75 Resp: 129539
Ion Ratio Lower Upper
75 100
53 80.1 66.2 99.2
89 46.4 35.0 52.4



#82
4-Chlorotoluene
Concen: 84.990 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

Tgt Ion: 91 Resp: 854693
Ion Ratio Lower Upper
91 100
126 35.1 17.6 52.8

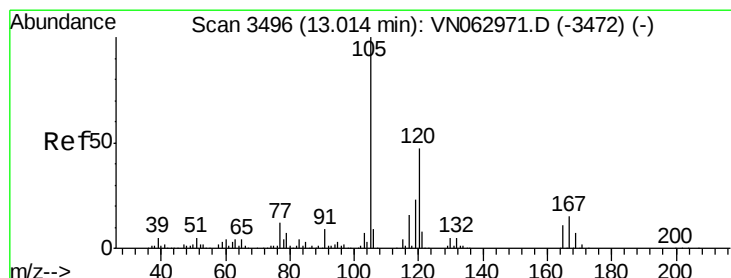
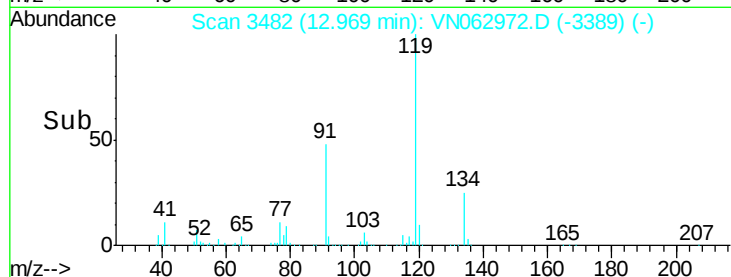
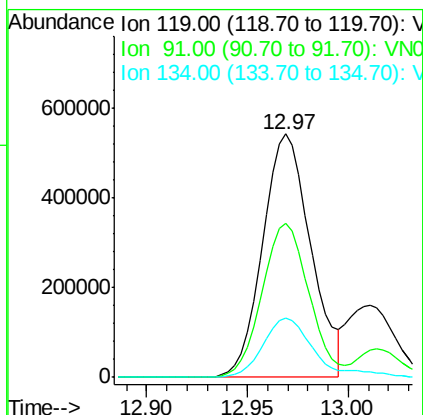
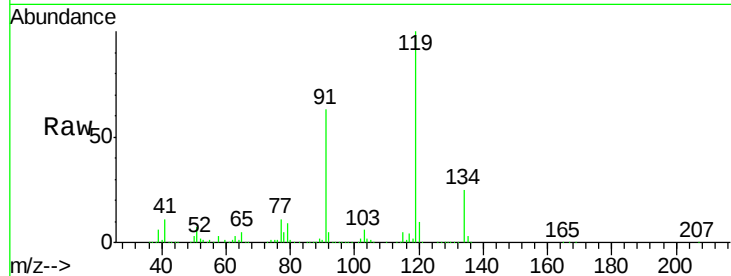




#83
 tert-Butylbenzene
 Concen: 91.840 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

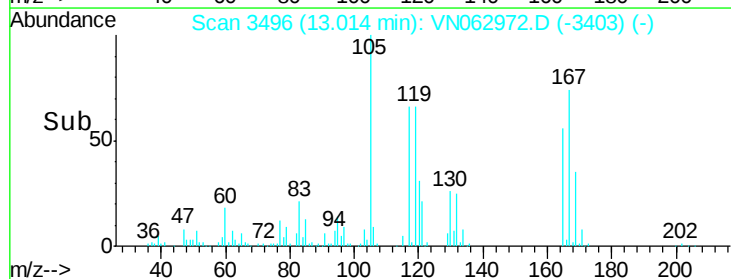
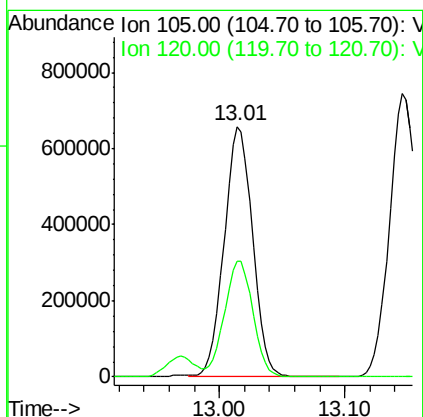
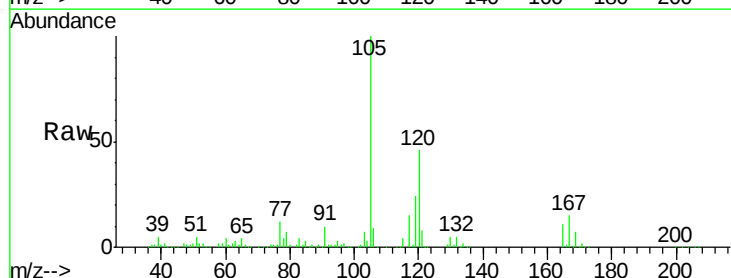
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

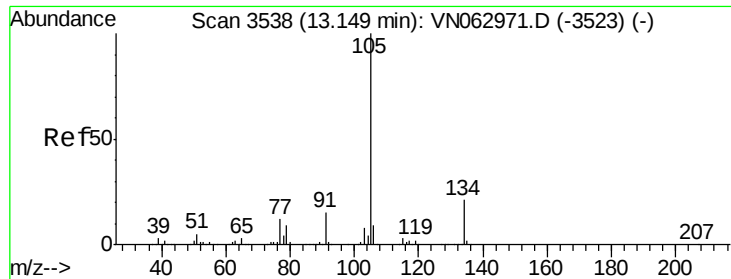
Tgt Ion:119 Resp: 901715
 Ion Ratio Lower Upper
 119 100
 91 61.6 31.0 93.0
 134 26.2 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 92.937 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion:105 Resp: 1027462
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.2 69.6

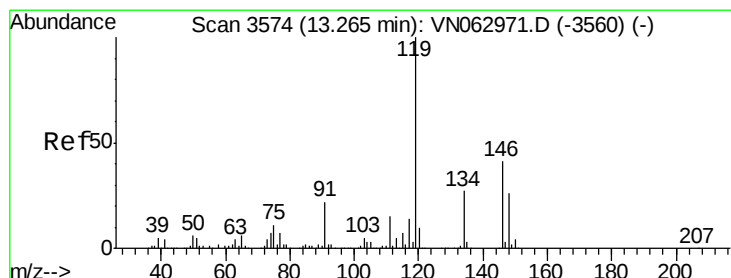
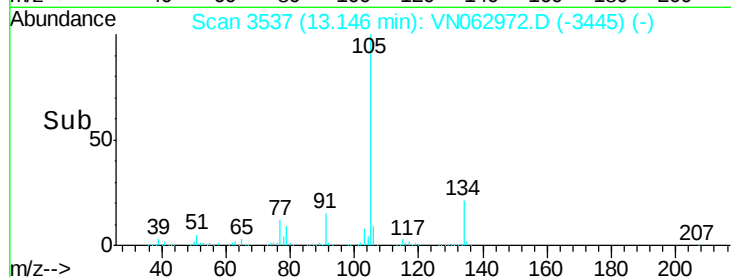
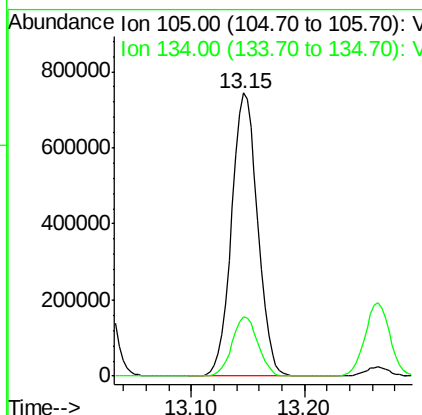
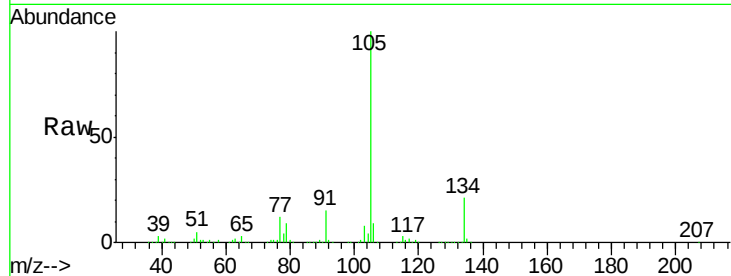




#85
 sec-Butylbenzene
 Concen: 92.359 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

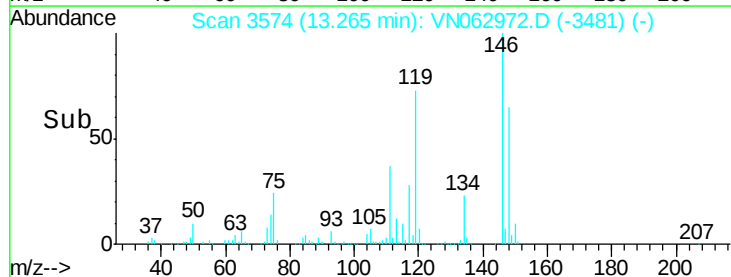
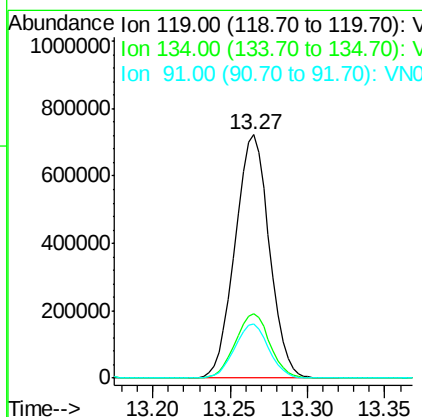
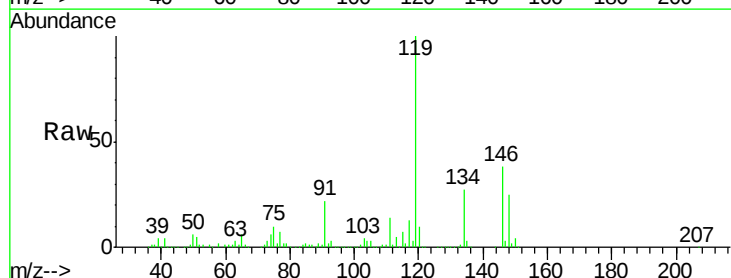
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

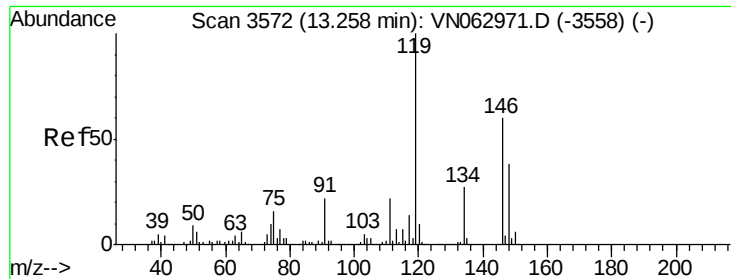
Tgt Ion:105 Resp: 1189224
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 96.874 ug/l
 RT: 13.27 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion:119 Resp: 1108491
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 22.3 11.1 33.1

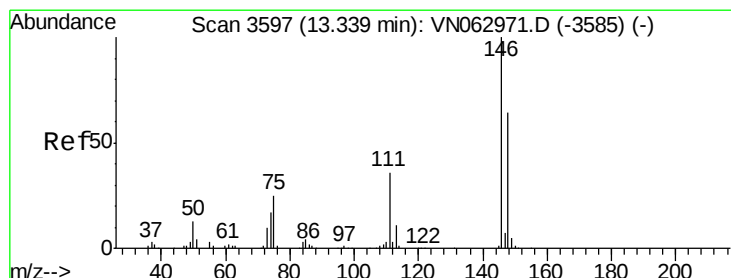
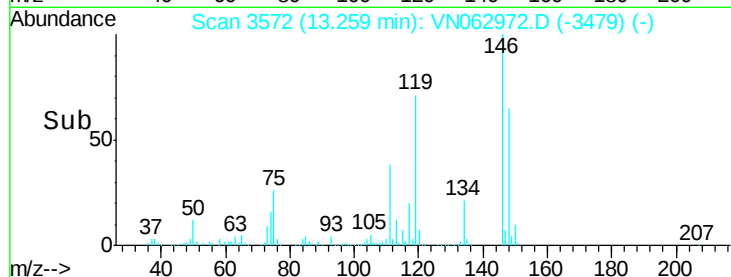
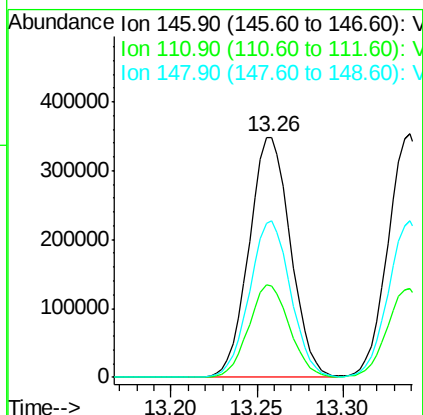
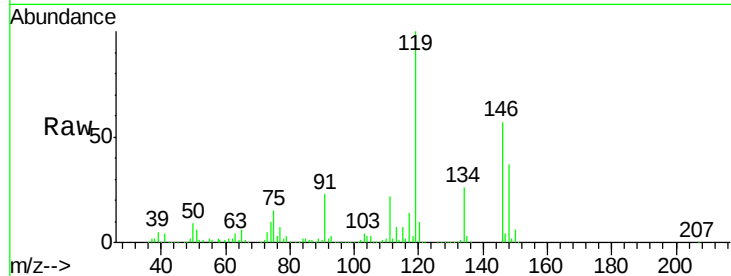




#87
 1,3-Dichlorobenzene
 Concen: 96.717 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

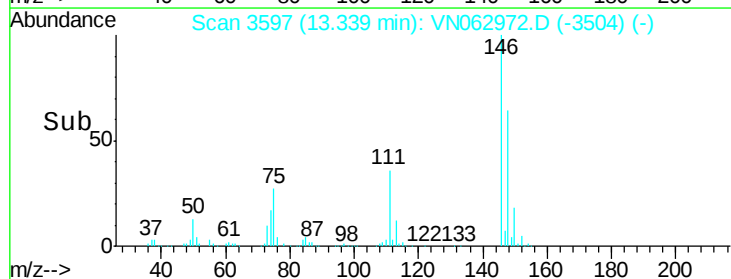
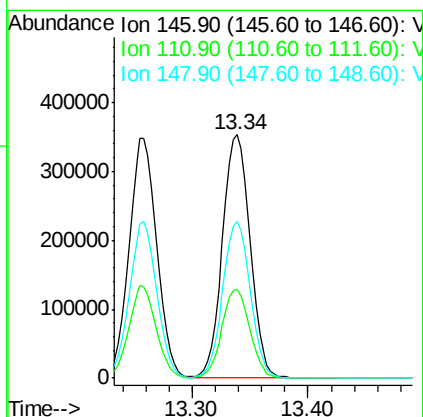
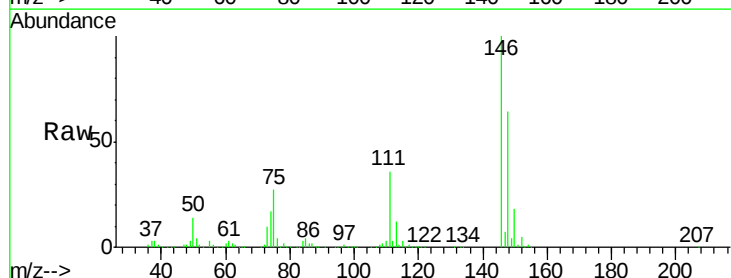
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

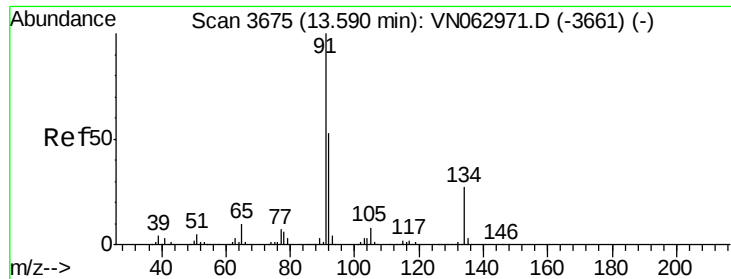
Tgt Ion:146 Resp: 582735
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.5
 148 64.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 96.347 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion:146 Resp: 584151
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.4 55.2
 148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 94.305 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062972.D

Acq: 17 Aug 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

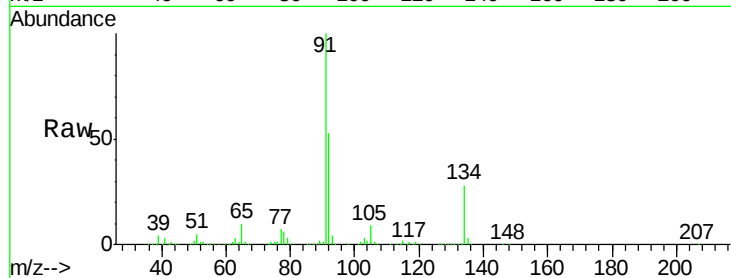
Tgt Ion: 91 Resp: 906365

Ion Ratio Lower Upper

91 100

92 52.3 26.3 78.8

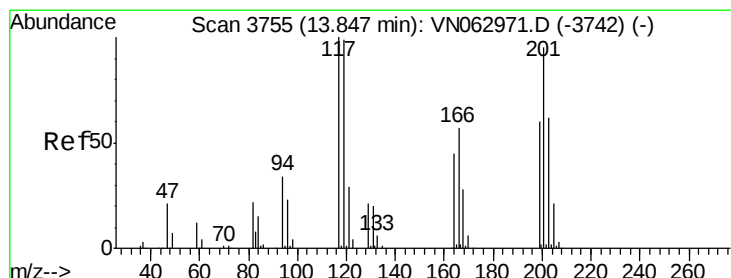
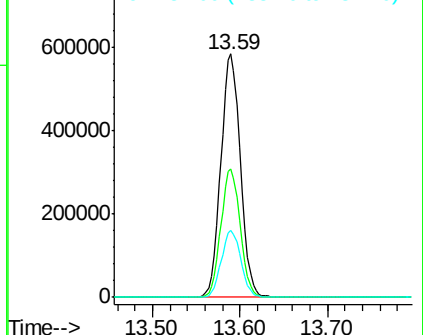
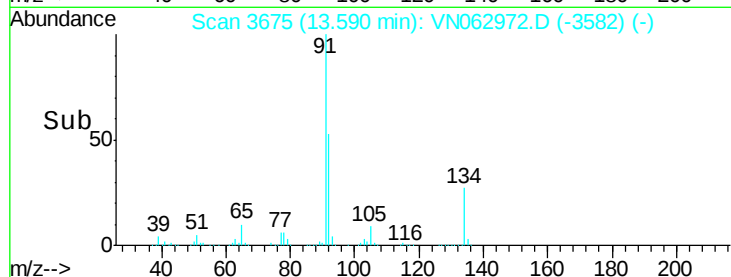
134 27.5 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VN062971.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062971.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062971.D (-3661) (-)



#90

Hexachloroethane

Concen: 83.403 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062972.D

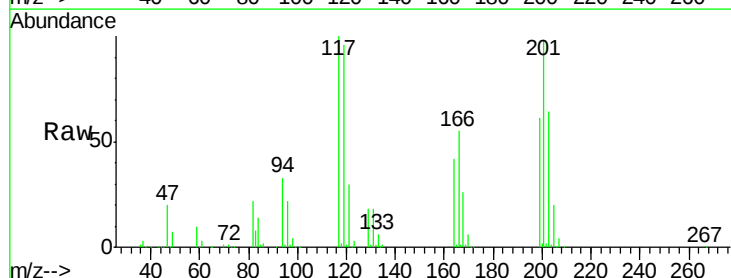
Acq: 17 Aug 2020 15:02

Tgt Ion: 117 Resp: 204176

Ion Ratio Lower Upper

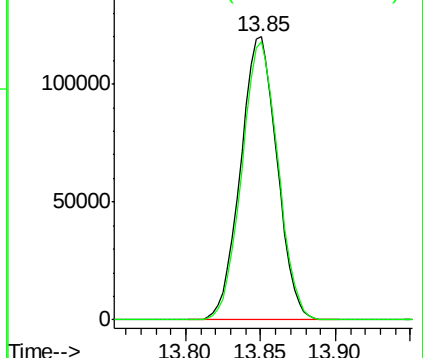
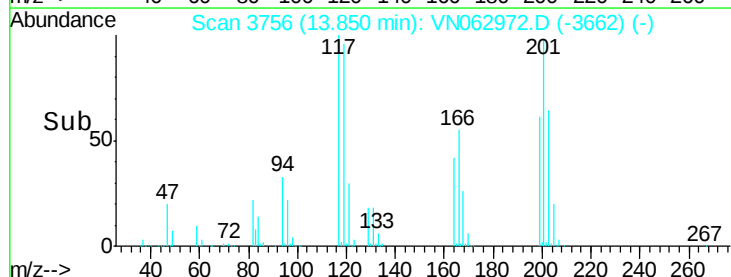
117 100

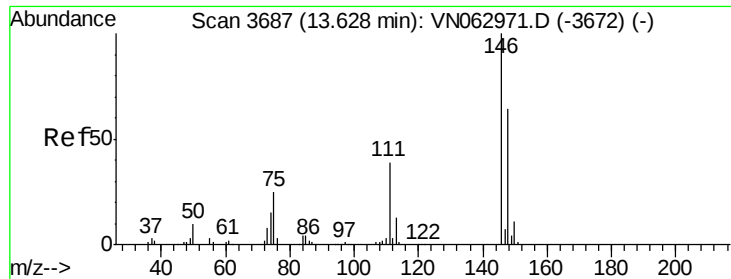
201 97.2 48.4 145.3



Abundance Ion 116.80 (116.50 to 117.50): VN062971.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062971.D (-3742) (-)

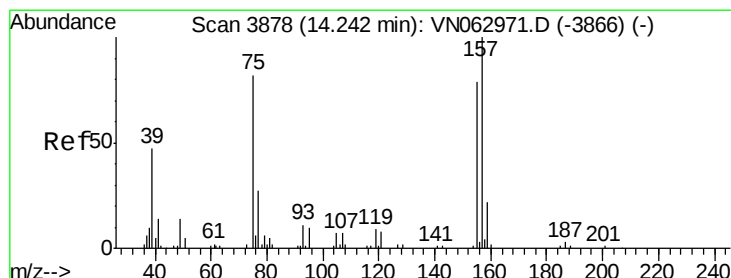
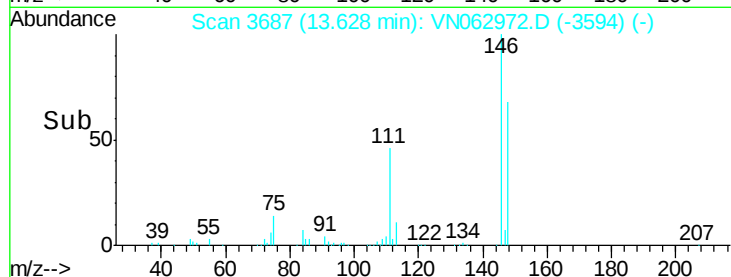
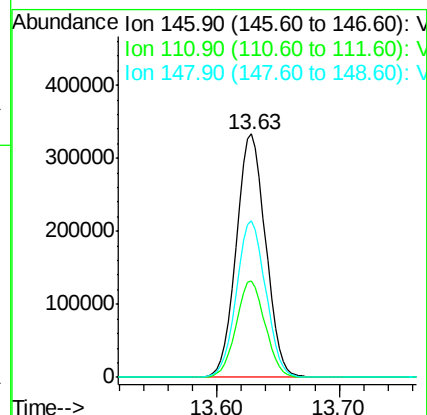
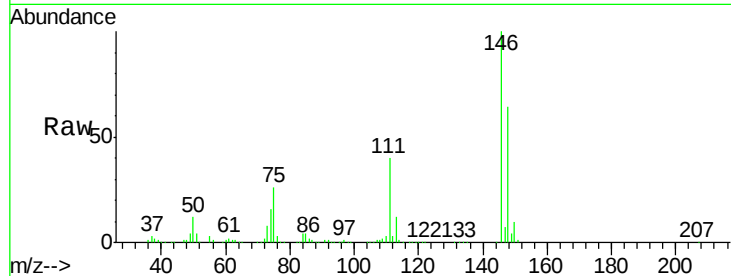




#91
 1,2-Dichlorobenzene
 Concen: 98.270 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

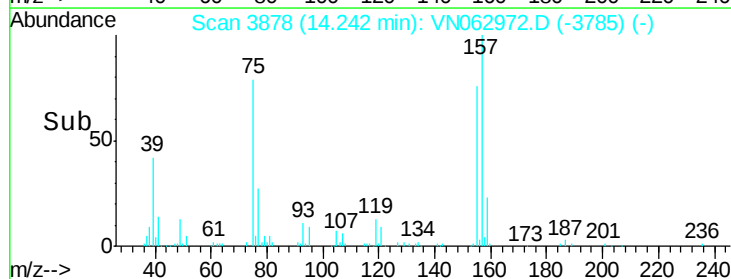
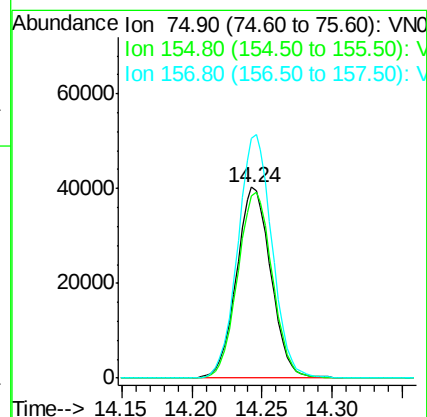
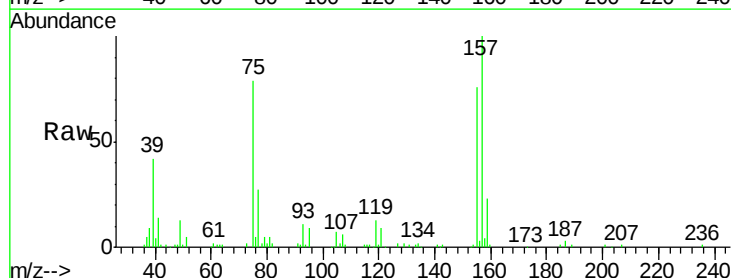
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

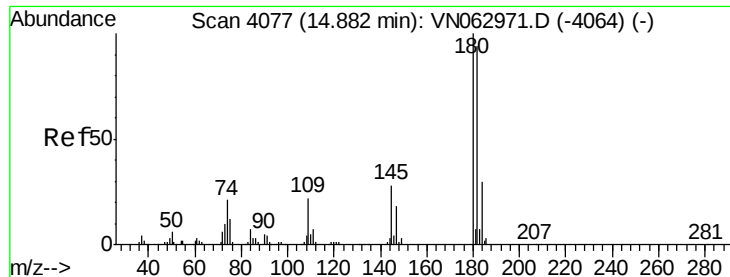
Tgt Ion:146 Resp: 557002
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.4 58.4
 148 64.4 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 71.108 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion: 75 Resp: 68831
 Ion Ratio Lower Upper
 75 100
 155 98.5 47.6 142.8
 157 127.1 61.4 184.1

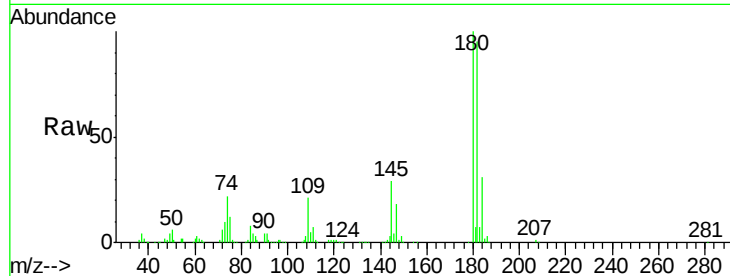




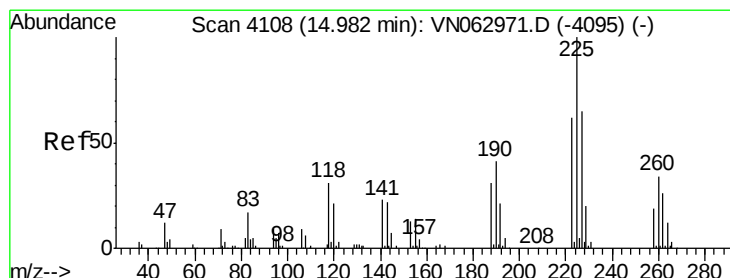
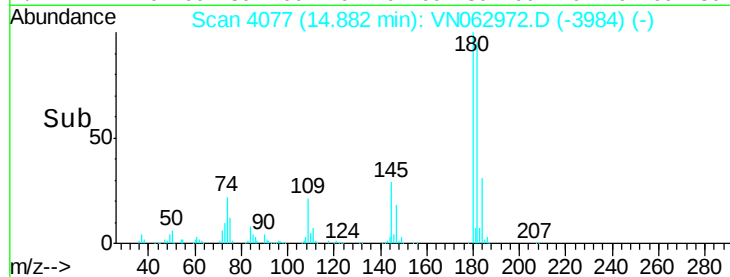
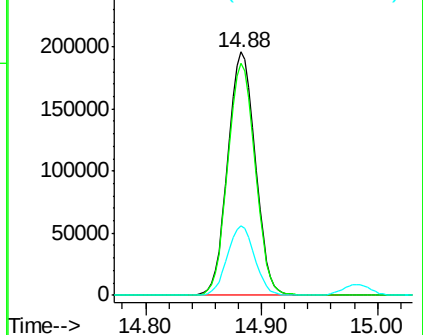
#93
 1,2,4-Trichlorobenzene
 Concen: 119.363 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 320306
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.8 143.3
 145 28.2 13.9 41.7

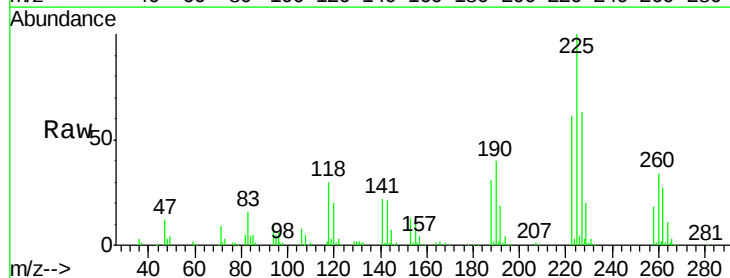


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

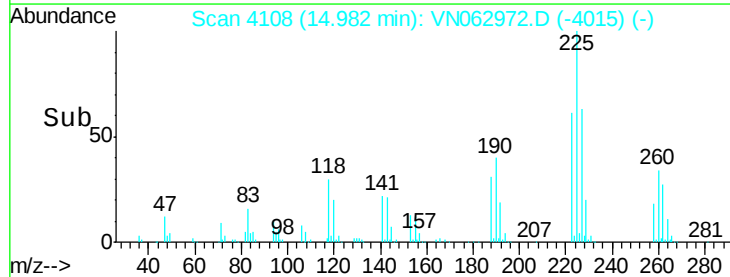
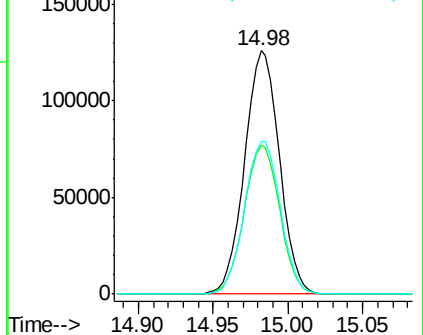


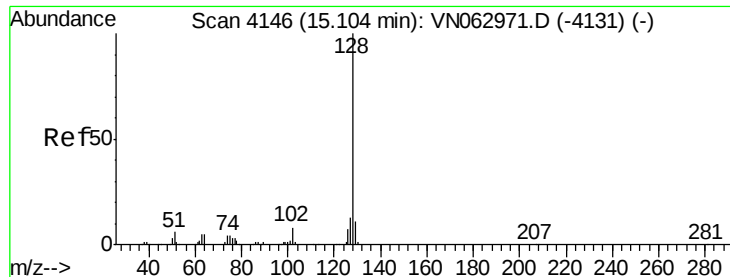
#94
 Hexachlorobutadiene
 Concen: 101.475 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062972.D
 Acq: 17 Aug 2020 15:02

Tgt Ion:225 Resp: 204186
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.9 92.5
 227 64.5 32.0 96.0



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

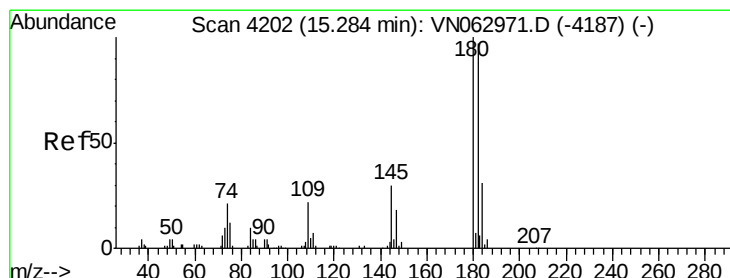
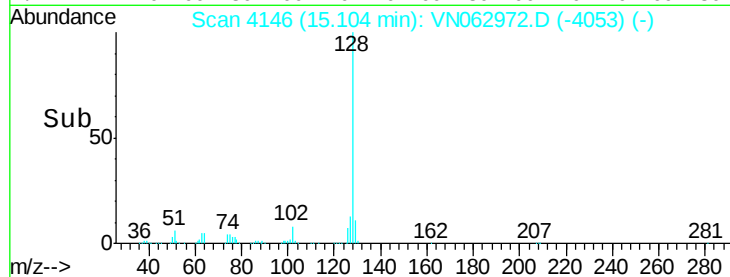
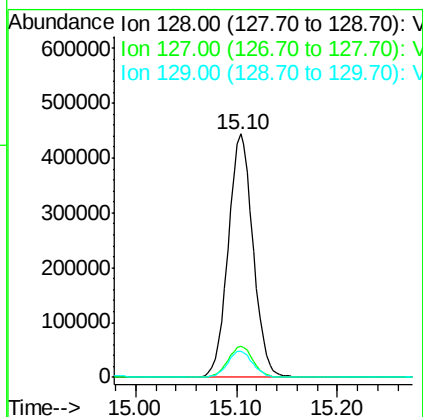
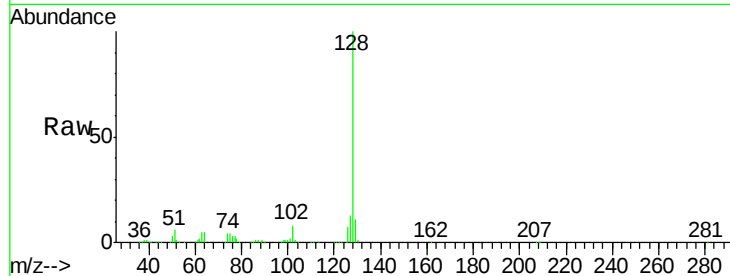




#95
Naphthalene
Concen: 110.756 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 762828
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 121.862 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062972.D
Acq: 17 Aug 2020 15:02

Tgt Ion:180 Resp: 316527
Ion Ratio Lower Upper
180 100
182 96.6 49.3 147.8
145 29.6 15.0 45.0

