

Data File : VN062931.D
Acq On : 14 Aug 2020 00:09
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC150

Quant Time: Aug 14 05:34:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 14 05:30:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	28532	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	156200	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	149455	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	74533	30.09	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.30%
60) 4-Bromofluorobenzene	12.38	95	81937	32.27	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	107.57%
63) Toluene-d8	10.06	98	205022	29.22	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.40%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	383798	204.715	ug/l	98
3) Chloromethane	2.03	50	305785	130.205	ug/l	97
4) Vinyl Chloride	2.16	62	294266	140.152	ug/l	98
5) Bromomethane	2.49	94	278182	223.495	ug/l	99
6) Chloroethane	2.64	64	278526	225.660	ug/l	99
7) Trichlorofluoromethane	2.97	101	659518	223.803	ug/l	99
8) Diethyl Ether	3.37	74	140284	122.806	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	209071	133.062	ug/l	96
10) 1,1-Dichloroethene	3.69	96	195205	124.205	ug/l	93
11) Methyl Iodide	3.90	142	297902	151.435	ug/l	96
12) Methyl Acetate	4.27	43	291042	134.875	ug/l	96
13) Acrolein	3.56	56	194244	633.749	ug/l	97
14) Acrylonitrile	4.93	53	683991	691.858	ug/l	98
15) Acetone	3.78	58	177060	615.374	ug/l	92
16) Carbon Disulfide	4.00	76	530731	106.298	ug/l	100
17) Allyl chloride	4.27	41	344225	107.985	ug/l	96
18) Methylene Chloride	4.50	84	242232	124.831	ug/l	96
19) trans-1,2-Dichloroethene	4.98	96	215252	123.954	ug/l	97
20) Diisopropyl ether	5.90	45	807239	118.990	ug/l	98
21) 1,1-Dichloroethane	5.80	63	451290	123.315	ug/l	98
22) cis-1,2-Dichloroethene	6.78	96	261730	131.916	ug/l #	88
23) tert-Butyl Alcohol	4.74	59	287806	830.470	ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	894581	150.005	ug/l	99
25) Chloroform	7.33	83	494246	143.185	ug/l	97
26) Cyclohexane	7.61	56	418300	131.480	ug/l #	97
29) 1,1-Dichloropropene	7.75	75	341158	132.199	ug/l	99
30) 2-Butanone	6.79	43	888111	664.991	ug/l	99
31) 2,2-Dichloropropane	6.77	77	314888	110.615	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	450322	155.108	ug/l	96
33) Carbon Tetrachloride	7.73	117	396842	156.616	ug/l	98
34) Benzene	8.00	78	994589	129.948	ug/l #	87
35) Methacrylonitrile	7.12	41	163024	140.622	ug/l	94
36) 1,2-Dichloroethane	8.08	62	421090	146.935	ug/l	100
37) Trichloroethene	8.80	130	247929	141.183	ug/l	95
38) Methylcyclohexane	9.05	83	438885	150.197	ug/l	97
39) 1,2-Dichloropropane	9.08	63	276779	127.890	ug/l	100
40) Dibromomethane	9.17	93	180587	140.157	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 14 05:30:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	421741	152.384	ug/l	98
42) Vinyl Acetate	5.84	43	2929403	542.431	ug/l	100
43) Ethyl Acetate	6.88	43	323574	119.675	ug/l #	87
44) Isopropyl Acetate	8.13	43	571691	126.693	ug/l #	88
45) 1,4-Dioxane	9.17	88	109786	3330.860	ug/l	95
46) Methyl methacrylate	9.17	41	292541	135.584	ug/l	98
47) n-amyl Acetate	12.05	43	554384	143.723	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	455593	144.345	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	457609	136.610	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	266166	146.870	ug/l	99
51) Ethyl methacrylate	10.40	69	453973	152.774	ug/l	96
52) 1,3-Dichloropropane	10.68	76	463752	141.058	ug/l	99
53) Dibromochloromethane	10.88	129	331138	164.370	ug/l	99
54) 1,2-Dibromoethane	10.98	107	278214	149.910	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	569654	633.340	ug/l	98
56) Bromoform	12.10	173	242755	175.105	ug/l	97
58) 4-Methyl-2-Pentanone	9.95	43	1916549	682.793	ug/l	98
59) 2-Hexanone	10.72	43	1437949	699.822	ug/l	96
61) Tetrachloroethene	10.60	164	212954	140.447	ug/l	97
62) Toluene	10.12	91	1116927	135.083	ug/l	97
64) Chlorobenzene	11.41	112	724451	146.535	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	295233	157.395	ug/l	99
66) Ethyl Benzene	11.48	91	1344603	146.885	ug/l	100
67) m/p-Xylenes	11.60	106	993470	295.141	ug/l	99
68) o-Xylene	11.92	106	484806	151.281	ug/l	99
69) Styrene	11.94	104	868825	157.369	ug/l	100
70) Isopropylbenzene	12.23	105	1372362	157.464	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	413399	146.133	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	577208	206.521	ug/l	77
73) Bromobenzene	12.50	156	326124	159.478	ug/l	100
74) n-propylbenzene	12.57	91	1591718	154.470	ug/l	98
75) 2-Chlorotoluene	12.65	91	971548	154.963	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	1229208	163.911	ug/l	100
77) t-1,4-Dichloro-2-butene	12.28	75	144299	144.400	ug/l	94
78) 4-Chlorotoluene	12.75	91	1022777	160.345	ug/l	100
79) tert-butylbenzene	12.97	119	1032112	166.800	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	1242068	169.249	ug/l	99
81) sec-Butylbenzene	13.15	105	1371317	165.476	ug/l	99
82) p-Isopropyltoluene	13.26	119	1269148	173.199	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	604743	169.998	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	597473	170.571	ug/l	97
85) n-Butylbenzene	13.59	91	1089908	175.851	ug/l	96
86) Hexachloroethane	13.85	117	236216	164.402	ug/l	98
87) 1,2-Dichlorobenzene	13.63	146	578786	168.849	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.25	75	105487	196.343	ug/l	97
89) 1,2,4-Trichlorobenzene	14.88	180	339642	203.992	ug/l	99
90) Hexachlorobutadiene	14.98	225	177237	182.555	ug/l	97
91) Naphthalene	15.10	128	956742	214.679	ug/l	98
92) 1,2,3-Trichlorobenzene	15.28	180	333180	199.277	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VSTDICC150

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 14 05:30:32 2020
Response via : Initial Calibration

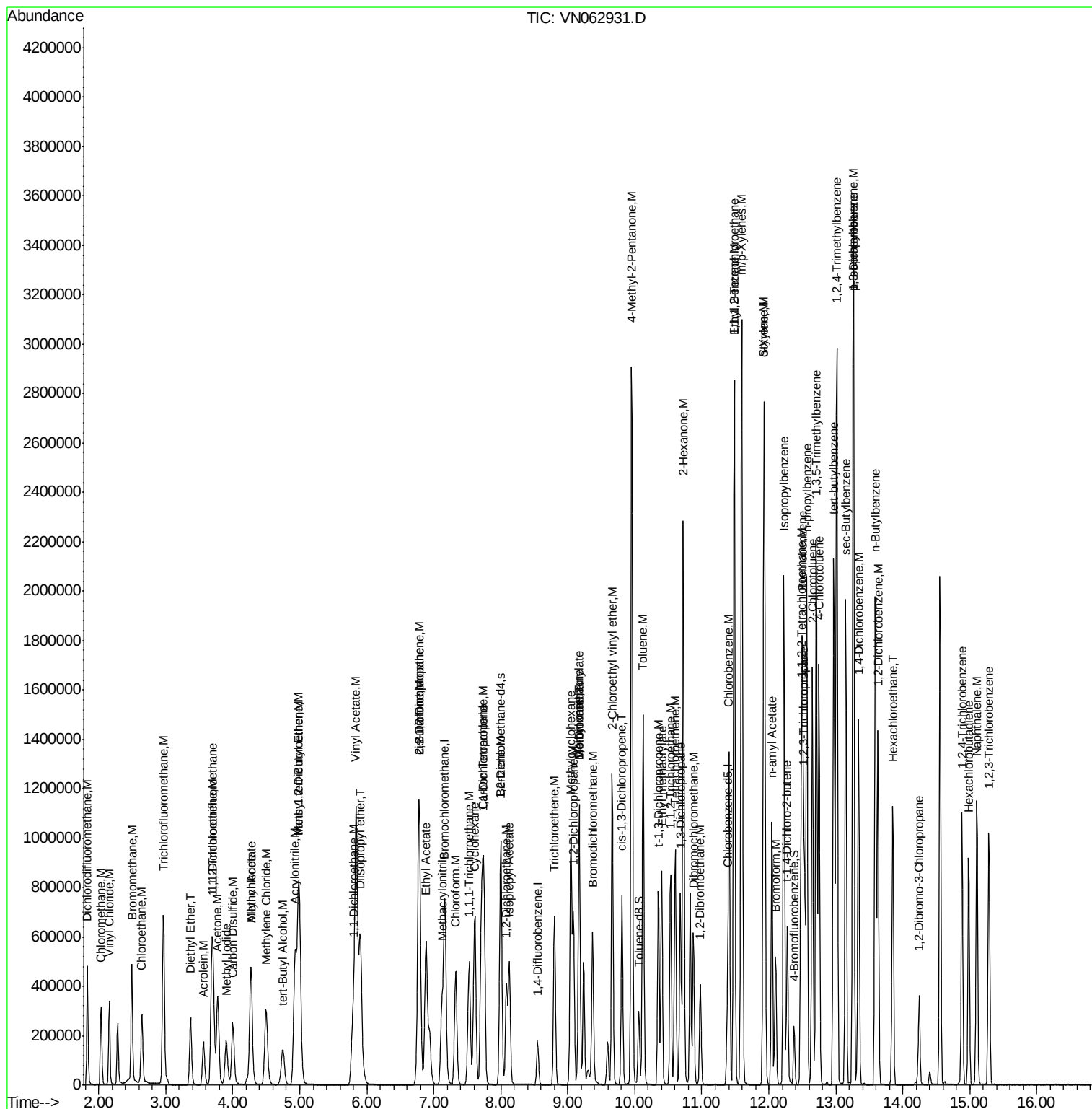
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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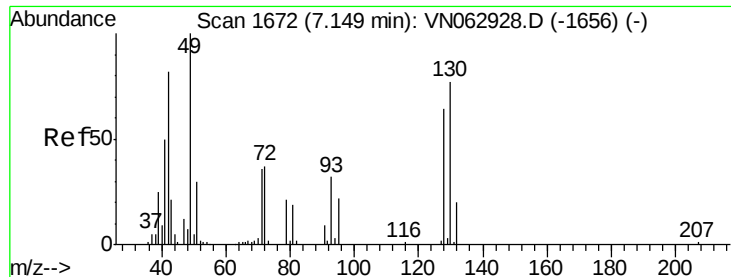
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VN062931.D
Acq On : 14 Aug 2020 00:09
Operator : JC/MD
Sample : VSTDIC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC150

Quant Time: Aug 14 05:34:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 14 05:30:32 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC150

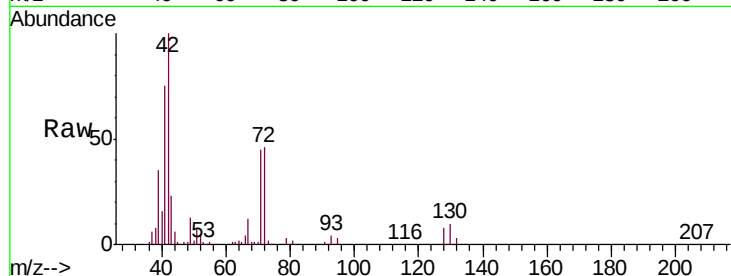
Tgt Ion:128 Resp: 28532

Ion Ratio Lower Upper

128 100

49 175.7 0.0 410.0

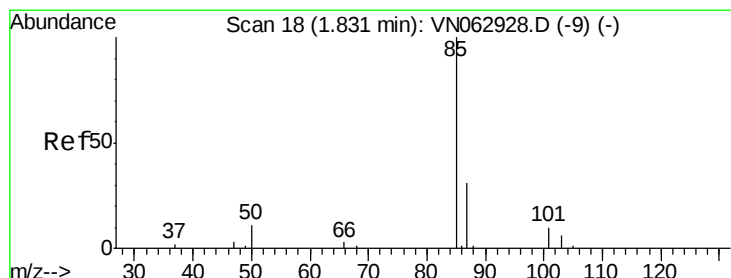
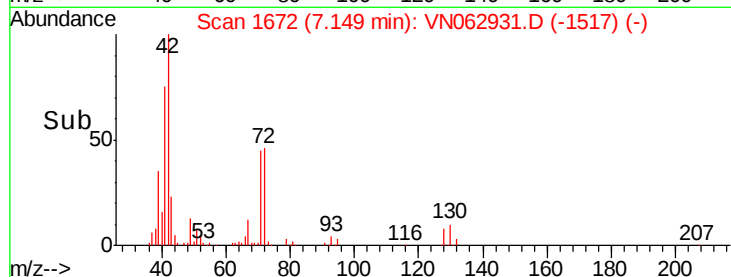
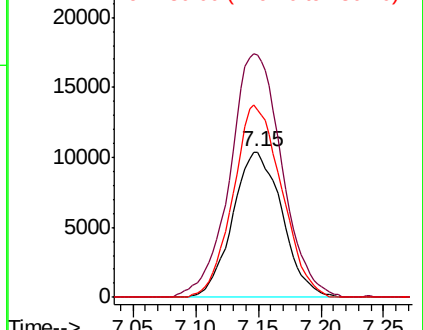
130 130.0 0.0 316.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 204.715 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062931.D

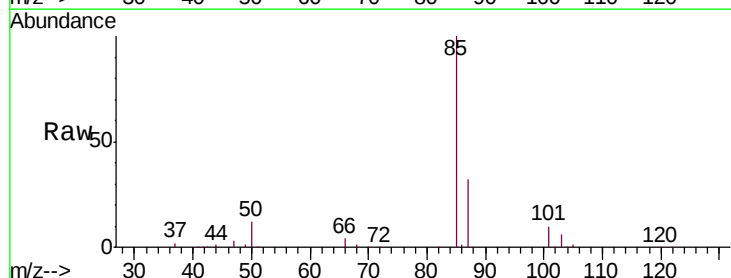
Acq: 14 Aug 2020 00:09

Tgt Ion: 85 Resp: 383798

Ion Ratio Lower Upper

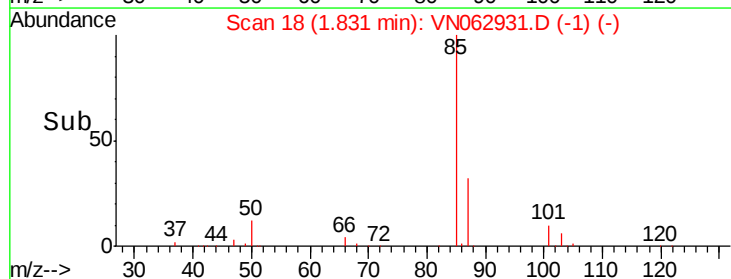
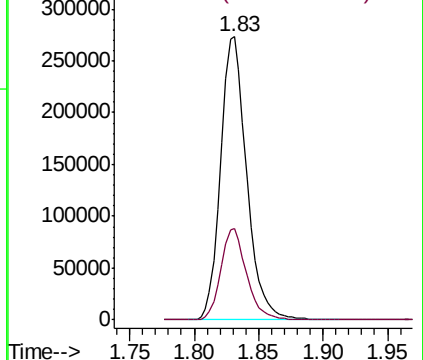
85 100

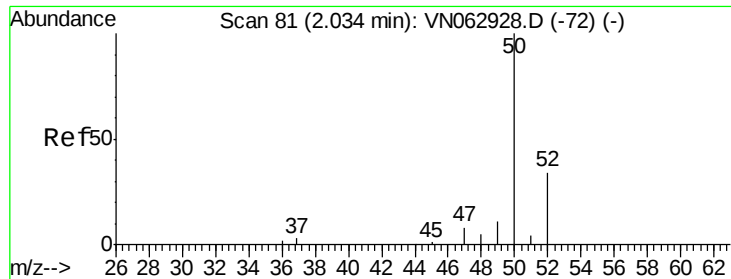
87 32.1 15.4 46.2



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

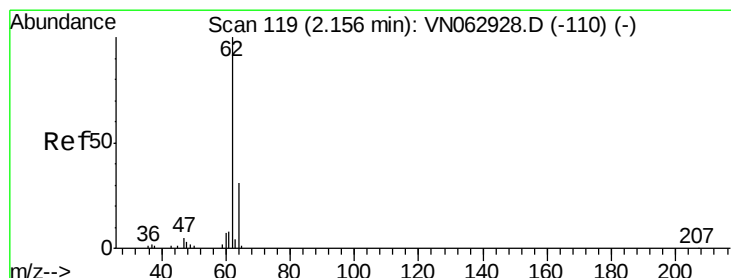
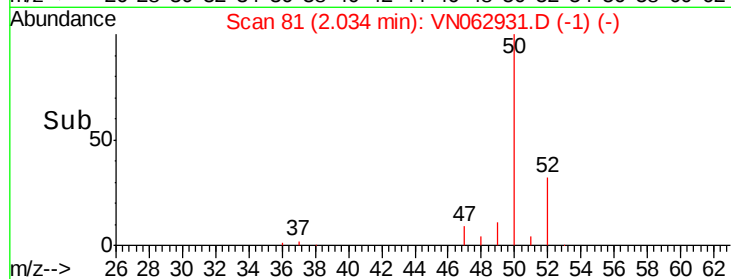
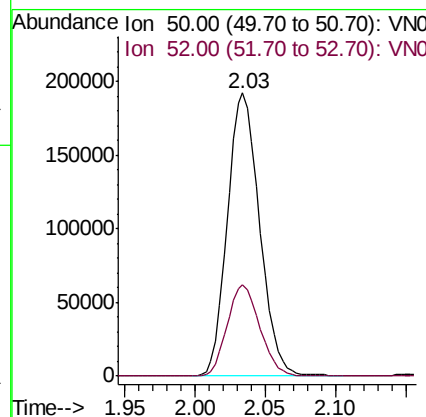
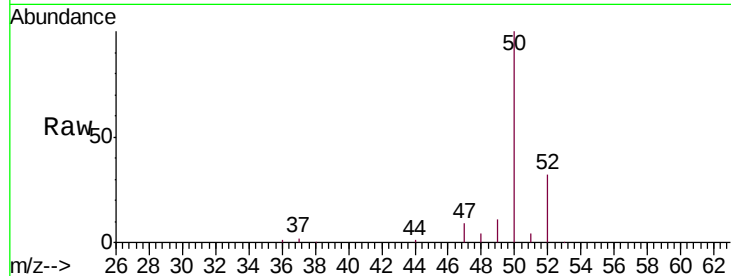




#3
Chloromethane
Concen: 130.205 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

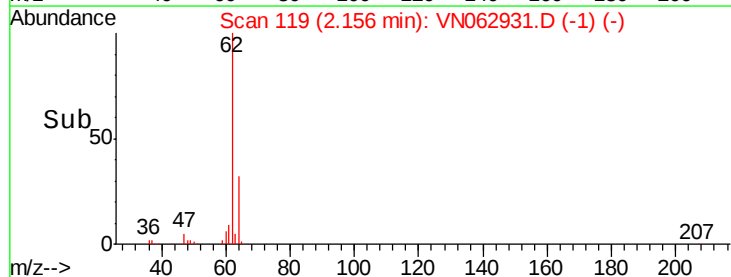
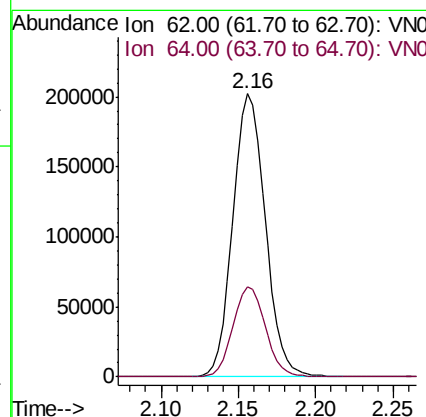
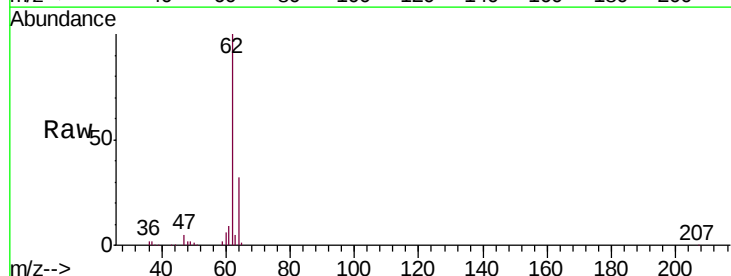
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC150

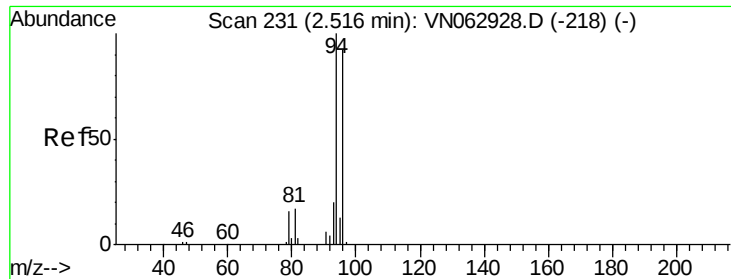
Tgt Ion: 50 Resp: 305785
Ion Ratio Lower Upper
50 100
52 32.2 27.1 40.7



#4
Vinyl Chloride
Concen: 140.152 ug/l
RT: 2.16 min Scan# 119
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

Tgt Ion: 62 Resp: 294266
Ion Ratio Lower Upper
62 100
64 31.9 24.6 37.0





#5

Bromomethane

Concen: 223.495 ug/l

RT: 2.49 min Scan# 224

Delta R.T. -0.02 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

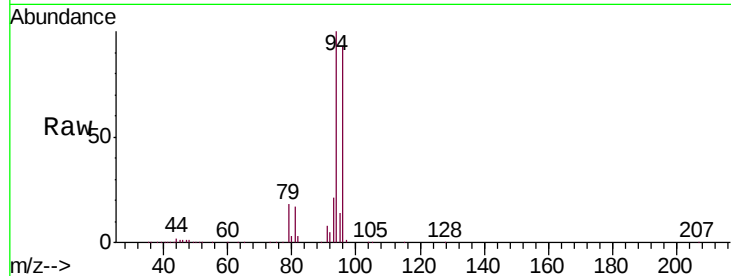
VSTDIC150

Tgt Ion: 94 Resp: 278182

Ion Ratio Lower Upper

94 100

96 93.5 73.7 110.5



Abundance Ion 94.00 (93.70 to 94.70): VN062931.D (-224) (-)

Ion 96.00 (95.70 to 96.70): VN062931.D (-224) (-)

2.49

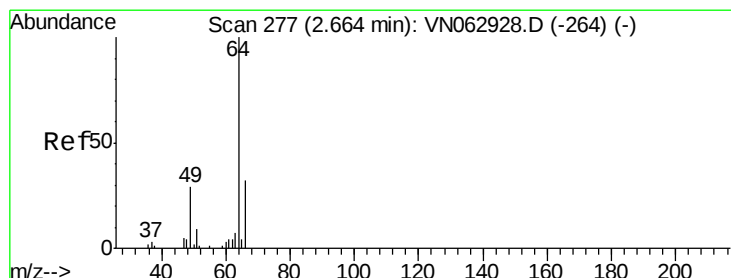
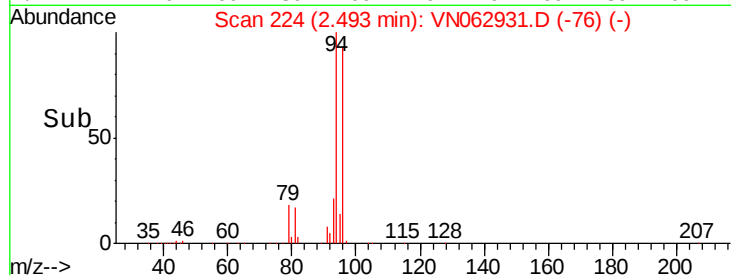
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 225.660 ug/l

RT: 2.64 min Scan# 270

Delta R.T. -0.02 min

Lab File: VN062931.D

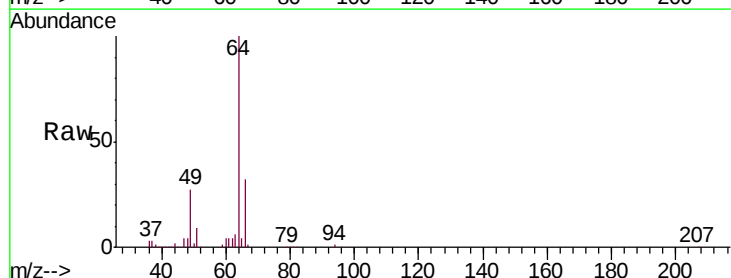
Acq: 14 Aug 2020 00:09

Tgt Ion: 64 Resp: 278526

Ion Ratio Lower Upper

64 100

66 32.2 25.3 37.9



Abundance Ion 64.00 (63.70 to 64.70): VN062931.D (-122) (-)

Ion 66.00 (65.70 to 66.70): VN062931.D (-122) (-)

2.64

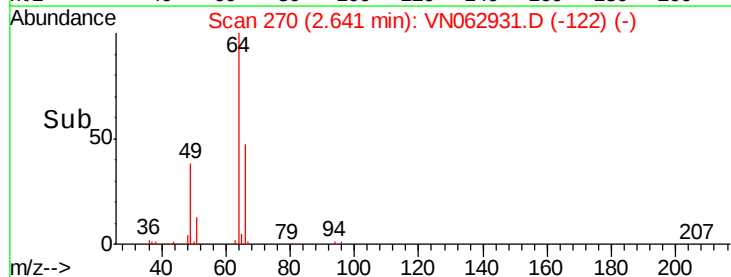
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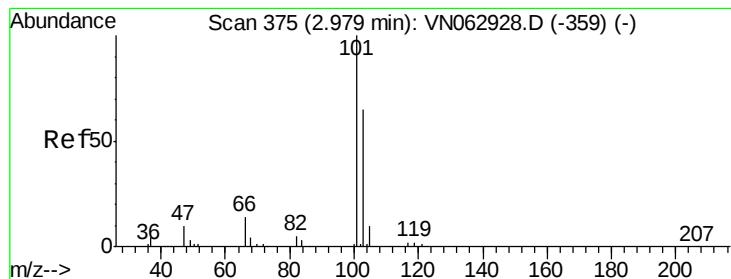
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50000

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Time-->



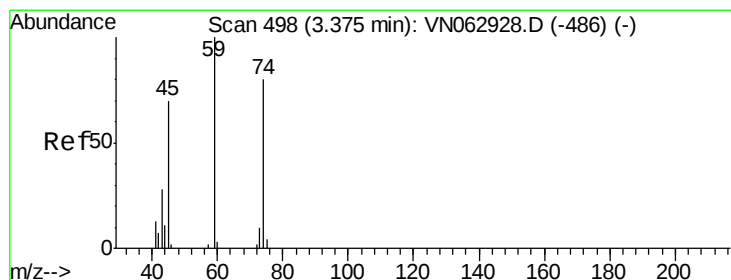
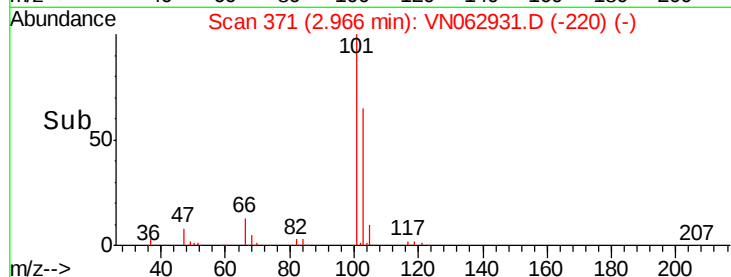
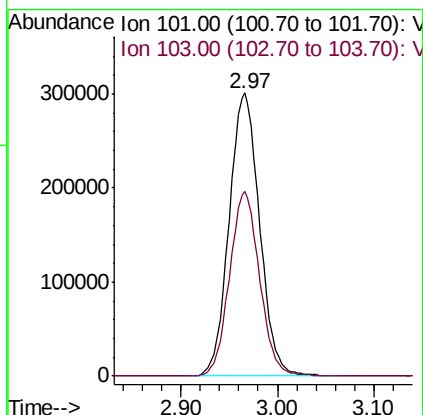
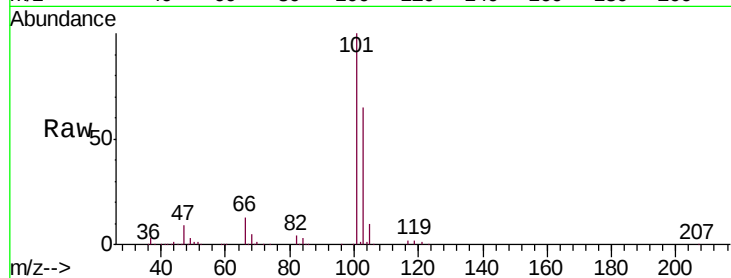


#7

Trichlorofluoromethane
 Concen: 223.803 ug/l
 RT: 2.97 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Instrument :
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 ClientSampleId :
 VSTDIC150

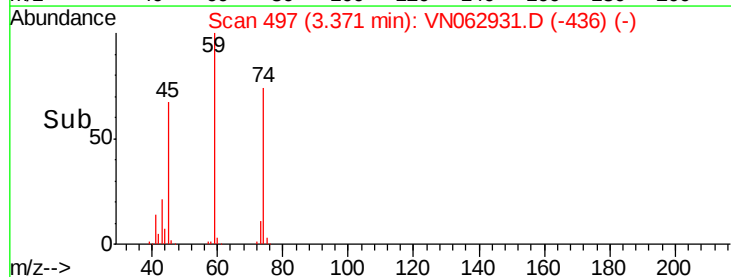
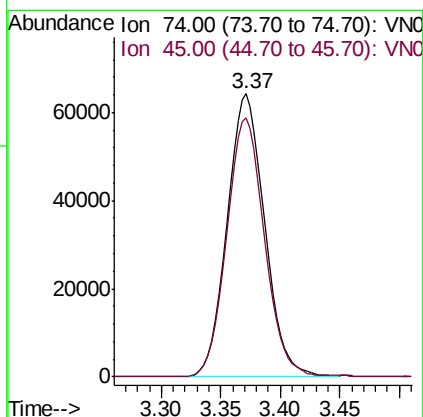
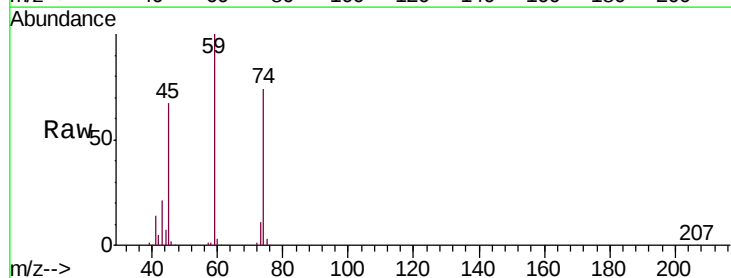
Tgt Ion:101 Resp: 659518
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.6

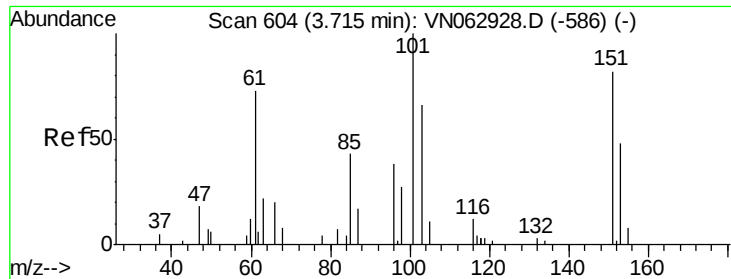


#8

Diethyl Ether
 Concen: 122.806 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Tgt Ion: 74 Resp: 140284
 Ion Ratio Lower Upper
 74 100
 45 92.5 18.7 167.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 133.062 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.01 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC150

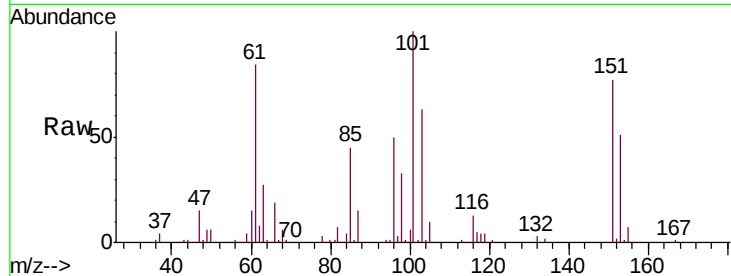
Tgt Ion: 101 Resp: 209071

Ion Ratio Lower Upper

101 100

85 45.6 0.0 92.4

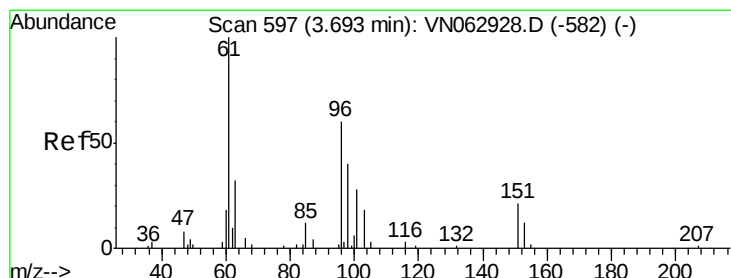
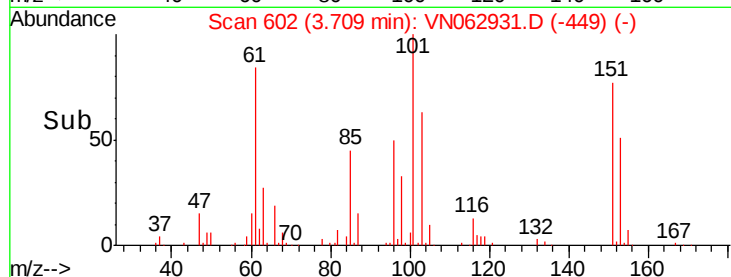
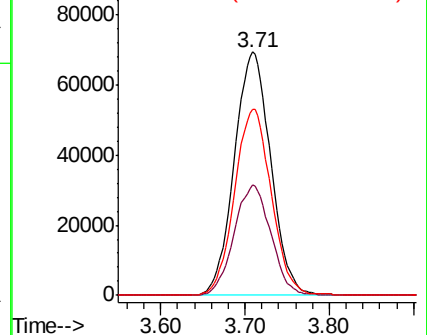
151 76.7 0.0 162.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 124.205 ug/l

RT: 3.69 min Scan# 595

Delta R.T. -0.01 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

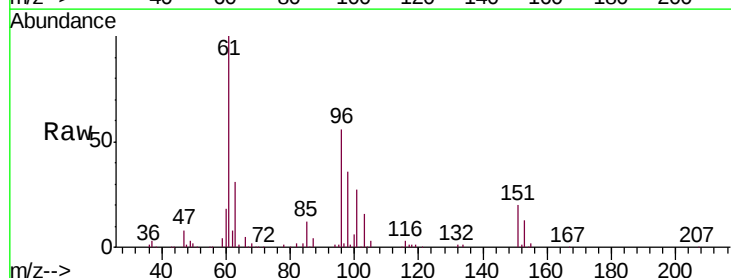
Tgt Ion: 96 Resp: 195205

Ion Ratio Lower Upper

96 100

61 179.7 134.5 201.7

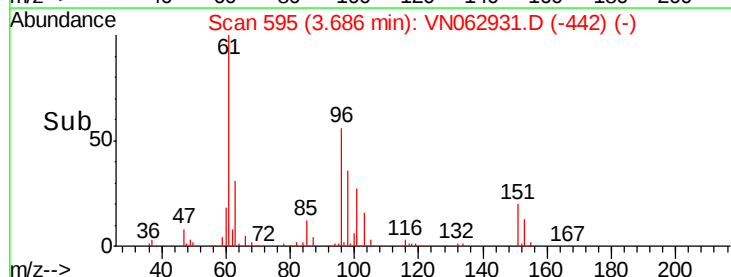
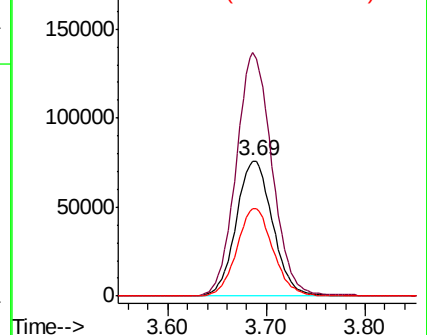
98 64.7 53.3 79.9

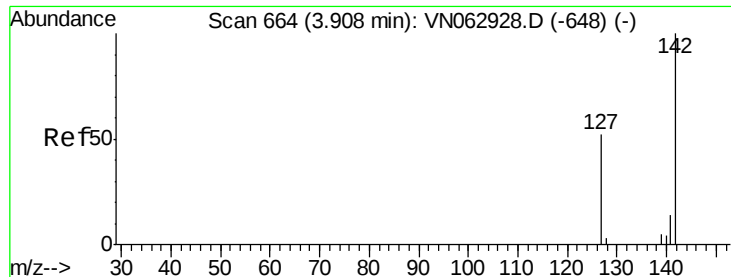


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

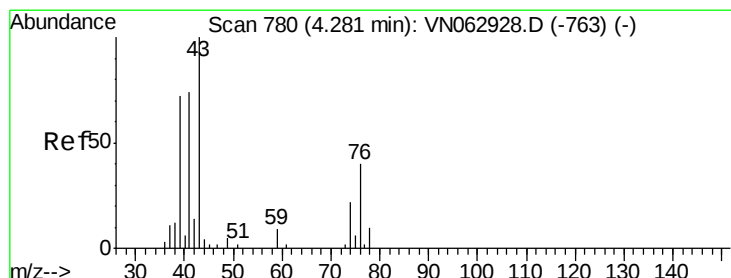
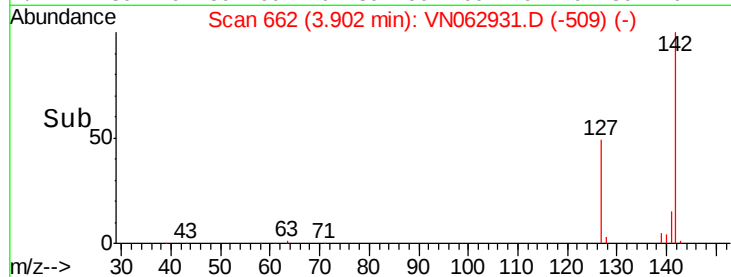
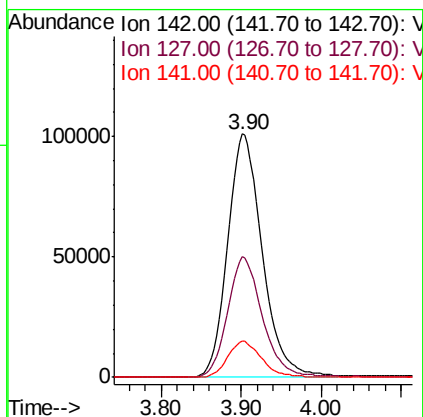
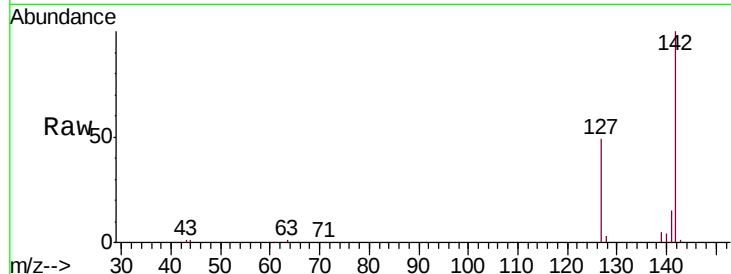




#11
Methyl Iodide
Concen: 151.435 ug/l
RT: 3.90 min Scan# 662
Delta R.T. -0.01 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

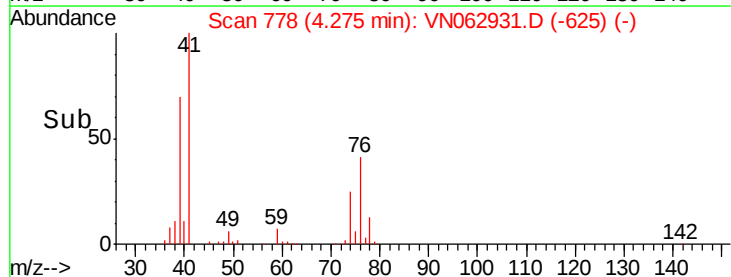
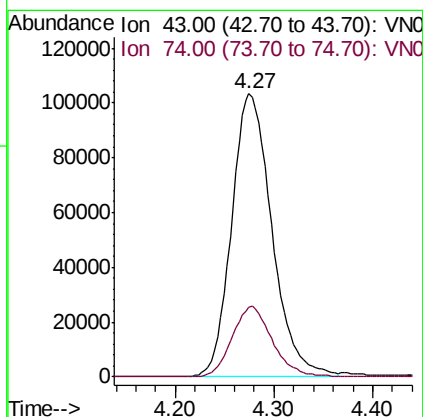
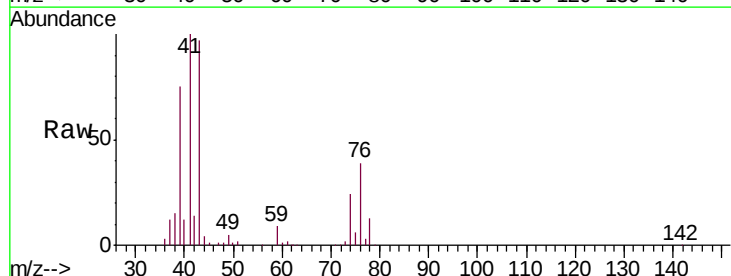
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC150

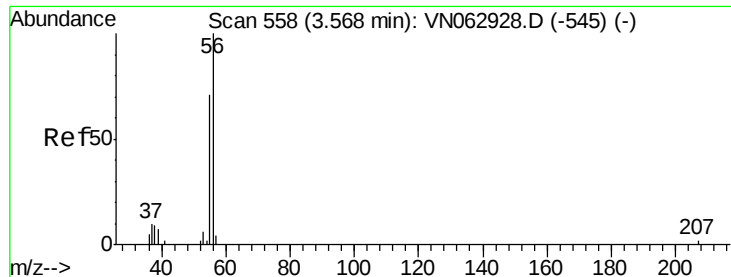
Tgt Ion: 142 Resp: 297902
Ion Ratio Lower Upper
142 100
127 49.3 26.1 78.3
141 15.1 7.2 21.7



#12
Methyl Acetate
Concen: 134.875 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.01 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

Tgt Ion: 43 Resp: 291042
Ion Ratio Lower Upper
43 100
74 24.5 18.1 27.1





#13

Acrolein

Concen: 633.749 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

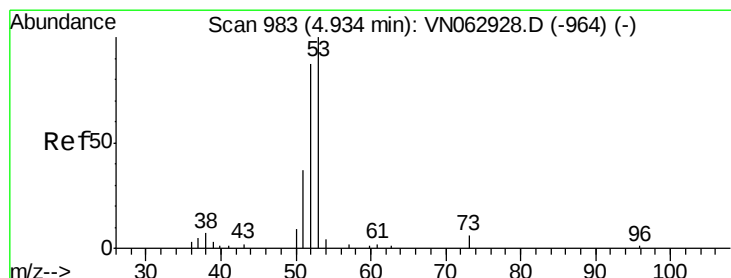
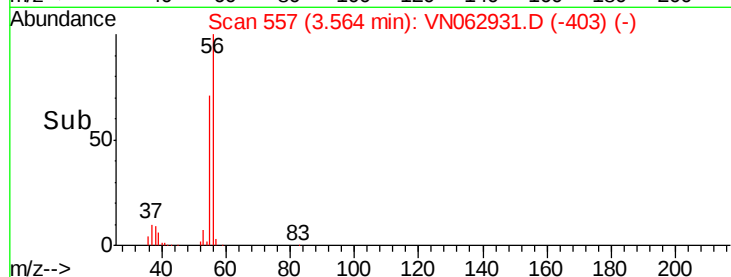
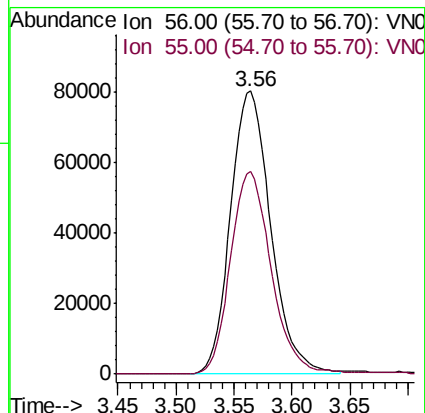
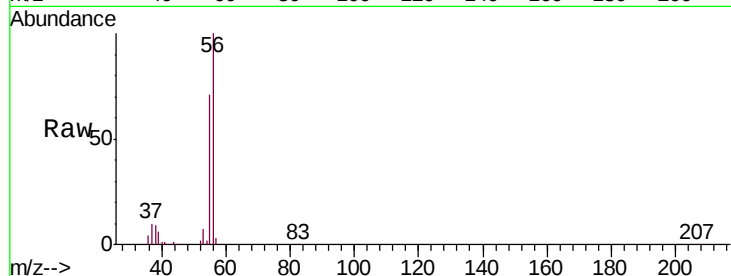
VSTDIC150

Tgt Ion: 56 Resp: 194244

Ion Ratio Lower Upper

56 100

55 72.3 60.2 90.4



#14

Acrylonitrile

Concen: 691.858 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.01 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

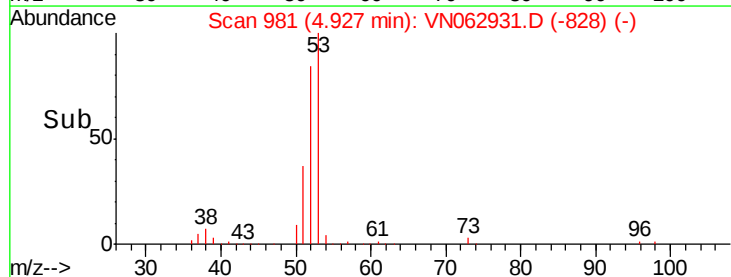
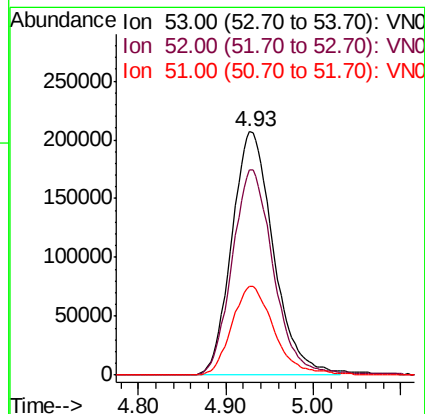
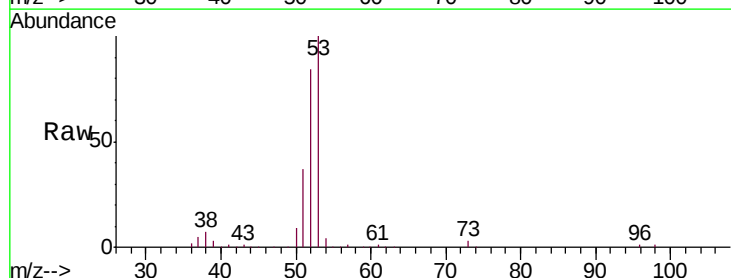
Tgt Ion: 53 Resp: 683991

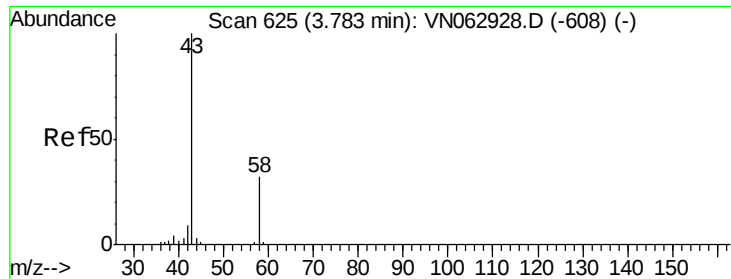
Ion Ratio Lower Upper

53 100

52 83.9 43.1 129.4

51 37.2 19.1 57.1





#15

Acetone

Concen: 615.374 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.01 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

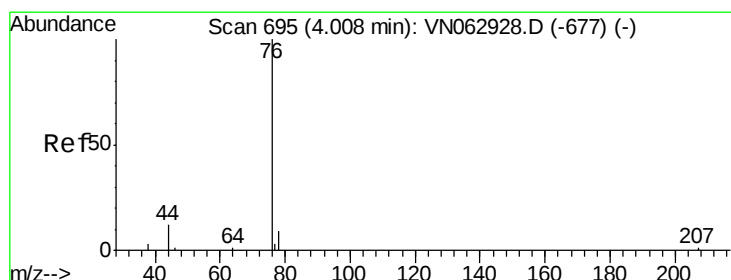
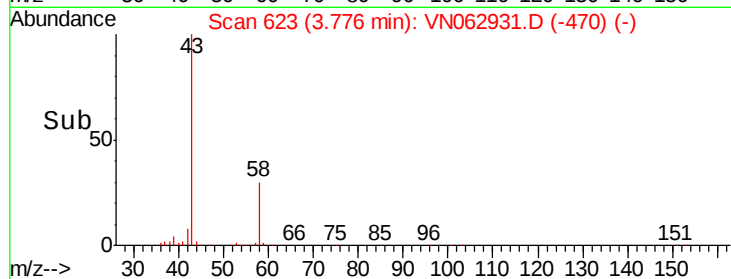
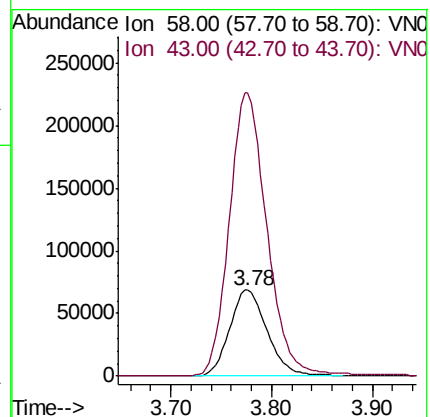
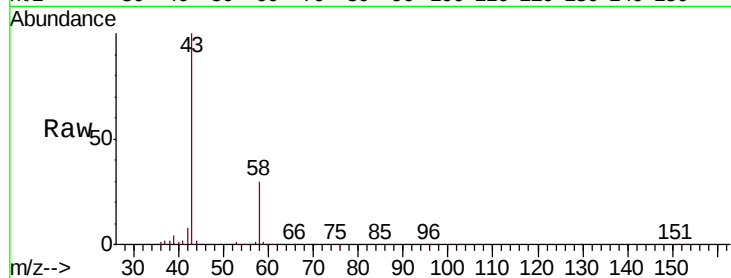
VSTDIC150

Tgt Ion: 58 Resp: 177060

Ion Ratio Lower Upper

58 100

43 328.2 250.0 375.0



#16

Carbon Disulfide

Concen: 106.298 ug/l

RT: 4.00 min Scan# 693

Delta R.T. -0.01 min

Lab File: VN062931.D

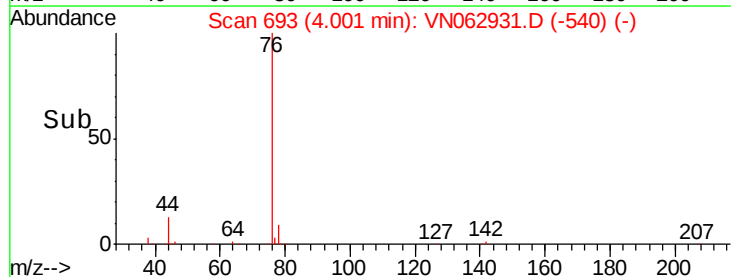
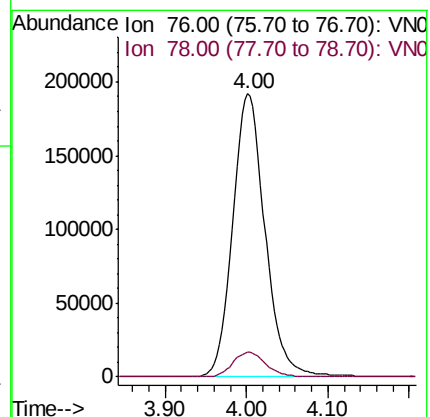
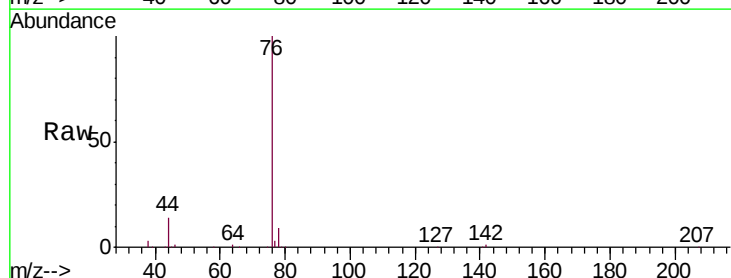
Acq: 14 Aug 2020 00:09

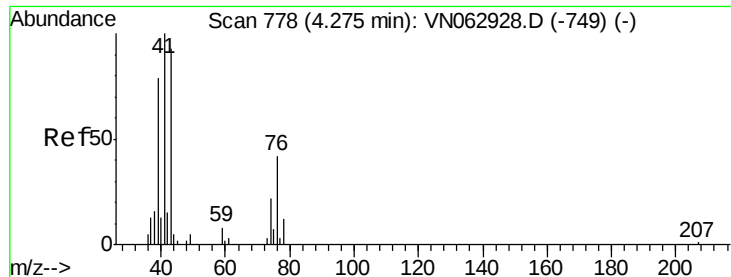
Tgt Ion: 76 Resp: 530731

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6

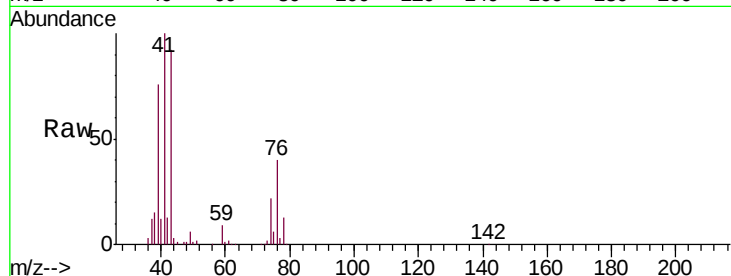




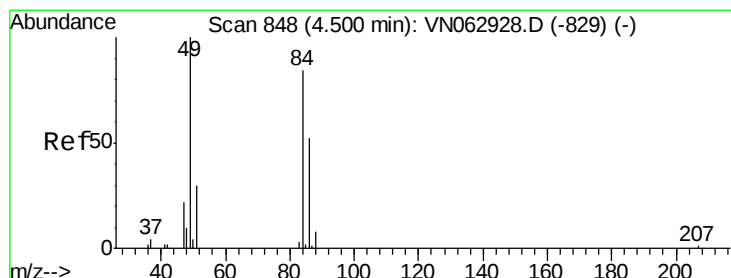
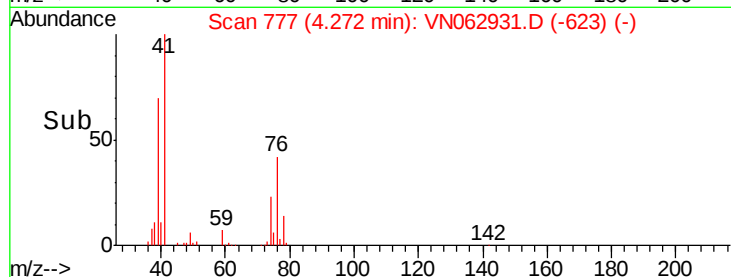
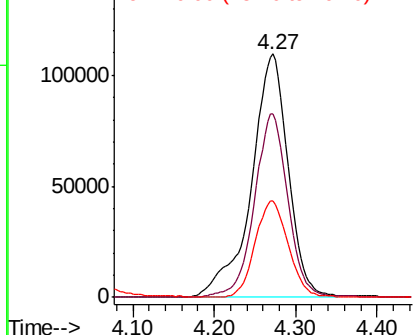
#17
 Allyl chloride
 Concen: 107.985 ug/l
 RT: 4.27 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC150

Tgt Ion: 41 Resp: 344225
 Ion Ratio Lower Upper
 41 100
 39 75.5 39.6 118.7
 76 39.3 21.3 63.7

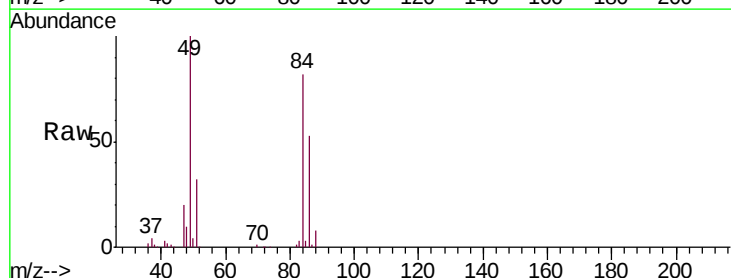


Abundance Ion 41.00 (40.70 to 41.70): VNO
 150000
 Ion 39.00 (38.70 to 39.70): VNO
 Ion 76.00 (75.70 to 76.70): VNO

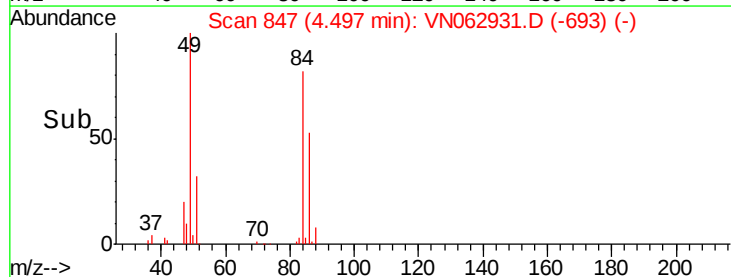
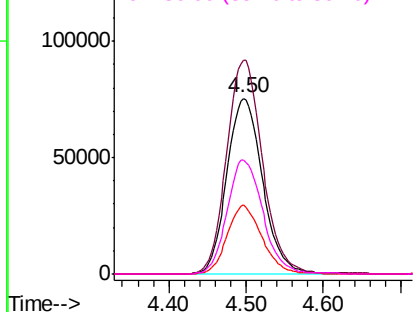


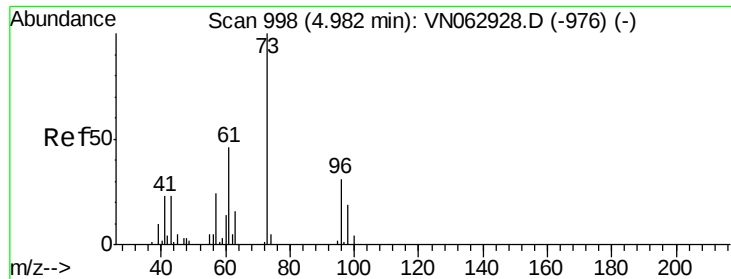
#18
 Methylene Chloride
 Concen: 124.831 ug/l
 RT: 4.50 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Tgt Ion: 84 Resp: 242232
 Ion Ratio Lower Upper
 84 100
 49 121.5 95.0 142.6
 51 39.4 28.2 42.4
 86 64.7 49.2 73.8



Abundance Ion 84.00 (83.70 to 84.70): VNO
 100000
 Ion 49.00 (48.70 to 49.70): VNO
 Ion 51.00 (50.70 to 51.70): VNO
 Ion 86.00 (85.70 to 86.70): VNO





#19

trans-1,2-Dichloroethene

Concen: 123.954 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC150

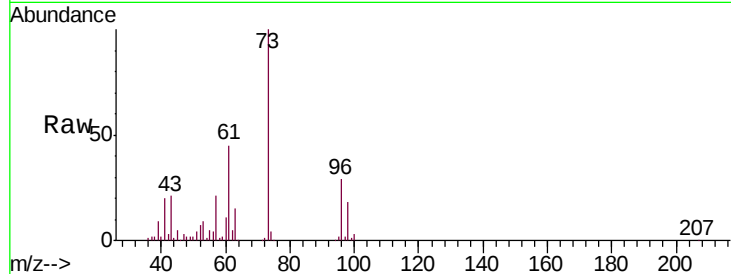
Tgt Ion: 96 Resp: 215252

Ion Ratio Lower Upper

96 100

61 151.9 118.0 177.0

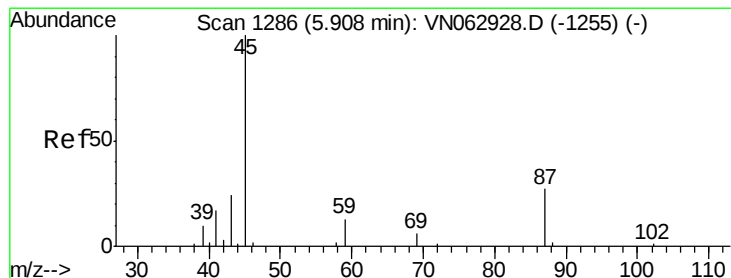
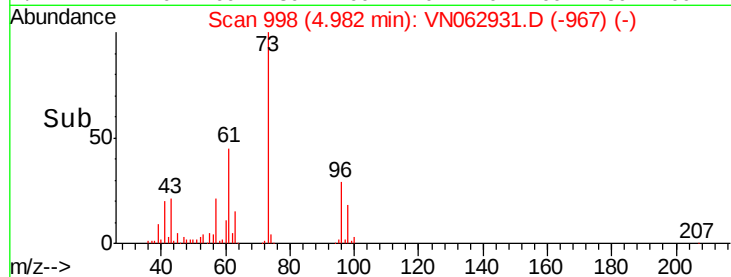
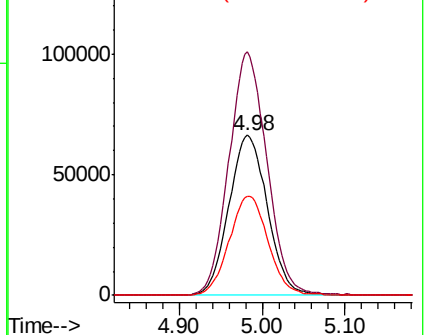
98 62.0 48.7 73.1



Abundance Ion 96.00 (95.70 to 96.70): VN062931.D (-967) (-)

Ion 61.00 (60.70 to 61.70): VN062931.D (-967) (-)

Ion 98.00 (97.70 to 98.70): VN062931.D (-967) (-)



#20

Diisopropyl ether

Concen: 118.990 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Tgt Ion: 45 Resp: 807239

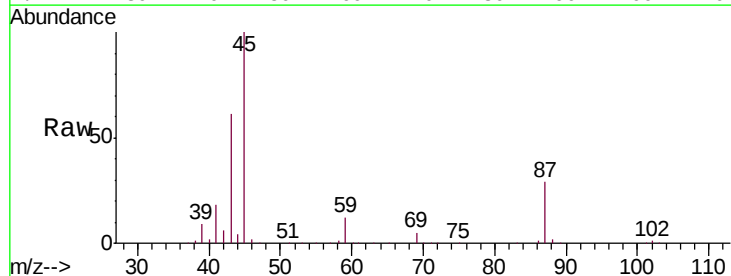
Ion Ratio Lower Upper

45 100

43 59.8 48.6 72.8

87 29.2 22.6 34.0

59 12.0 10.6 15.8

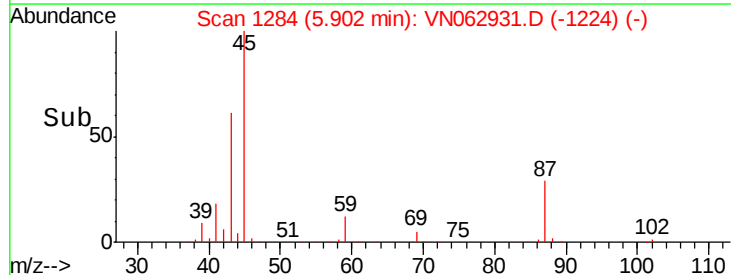
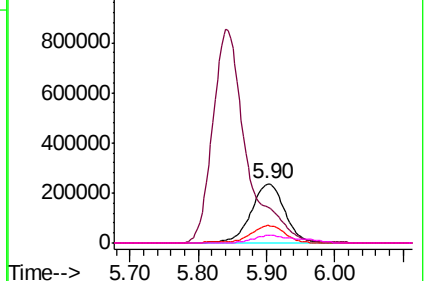


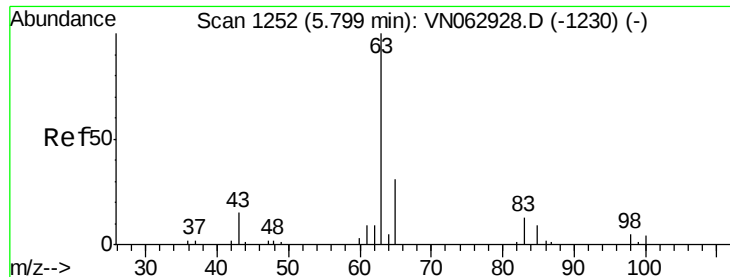
Abundance Ion 45.00 (44.70 to 45.70): VN062931.D (-1224) (-)

Ion 43.00 (42.70 to 43.70): VN062931.D (-1224) (-)

Ion 87.00 (86.70 to 87.70): VN062931.D (-1224) (-)

Ion 59.00 (58.70 to 59.70): VN062931.D (-1224) (-)

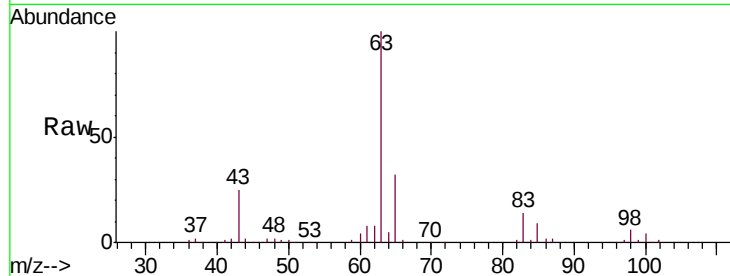




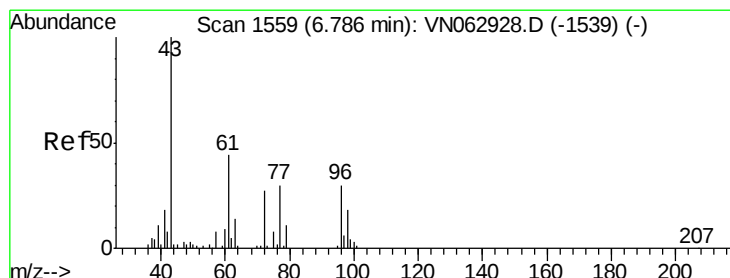
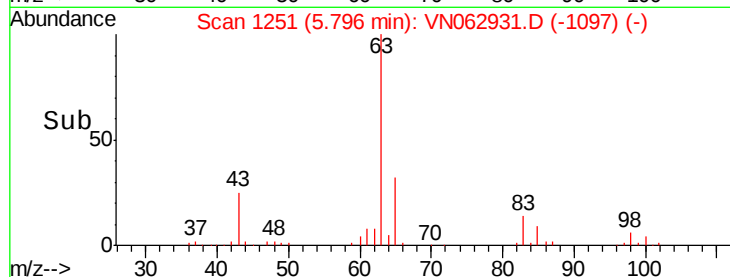
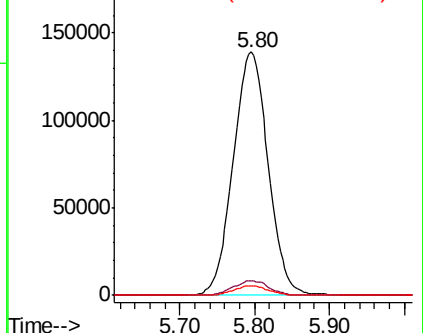
#21
 1,1-Dichloroethane
 Concen: 123.315 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC150

Tgt Ion: 63 Resp: 451290
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.6 7.8
 100 4.0 2.1 6.5

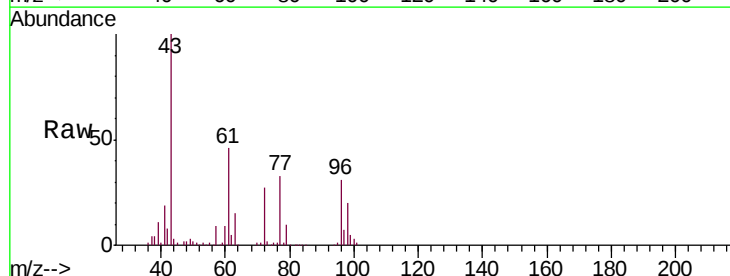


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

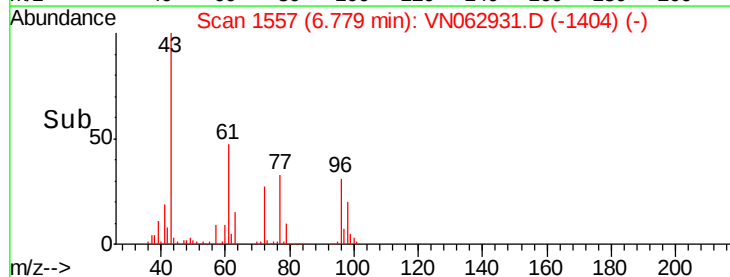
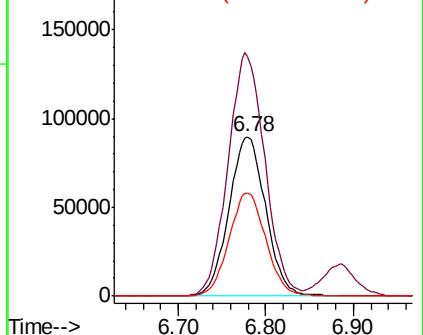


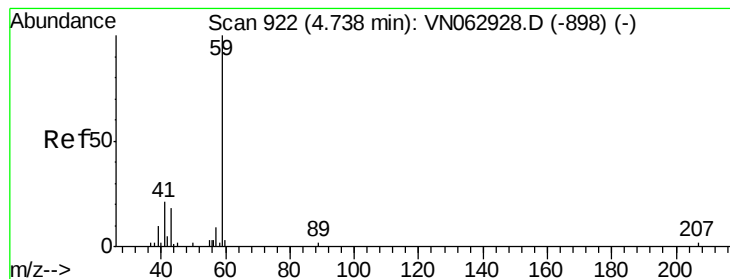
#22
 cis-1,2-Dichloroethene
 Concen: 131.916 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Tgt Ion: 96 Resp: 261730
 Ion Ratio Lower Upper
 96 100
 61 153.0 124.9 187.3
 98 65.3 27.8 41.6#



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0





#23

tert-Butyl Alcohol

Concen: 830.470 ug/l

RT: 4.74 min Scan# 924

Delta R.T. 0.01 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

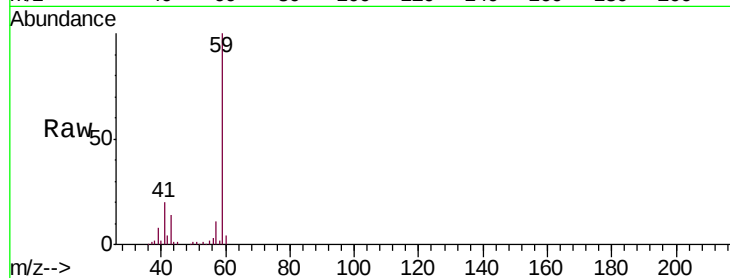
VSTDIC150

Tgt Ion: 59 Resp: 287806

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VN062928.D (-898) (-)

Ion 52.00 (51.70 to 52.70): VN062928.D (-898) (-)

200000

150000

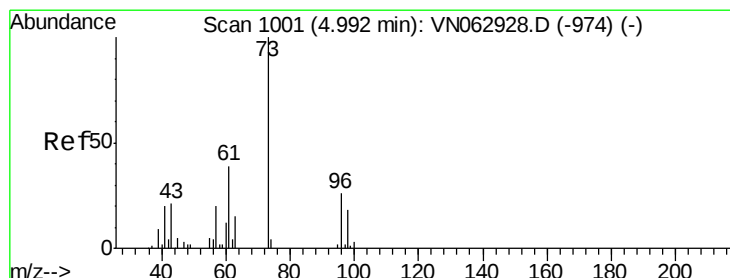
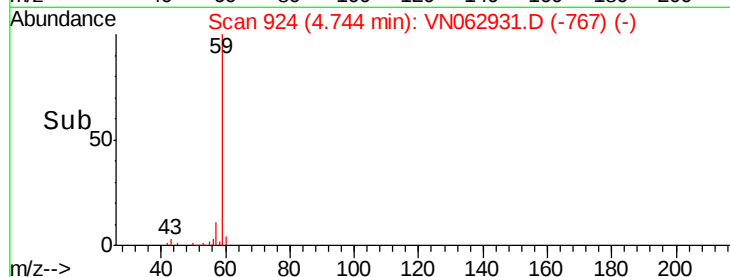
100000

50000

0

4.60 4.70 4.80 4.90

Time-->



#24

Methyl tert-Butyl Ether

Concen: 150.005 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VN062931.D

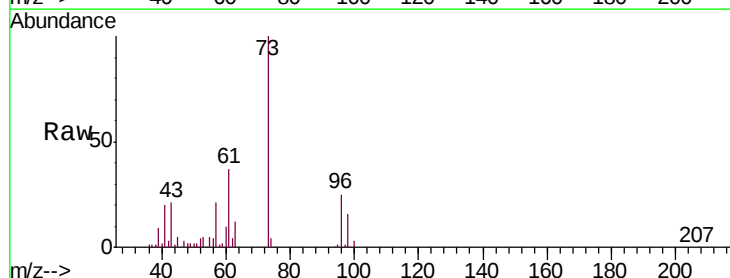
Acq: 14 Aug 2020 00:09

Tgt Ion: 73 Resp: 894581

Ion Ratio Lower Upper

73 100

43 20.9 17.3 25.9



Abundance Ion 73.00 (72.70 to 73.70): VN062928.D (-974) (-)

Ion 43.00 (42.70 to 43.70): VN062928.D (-974) (-)

250000

200000

150000

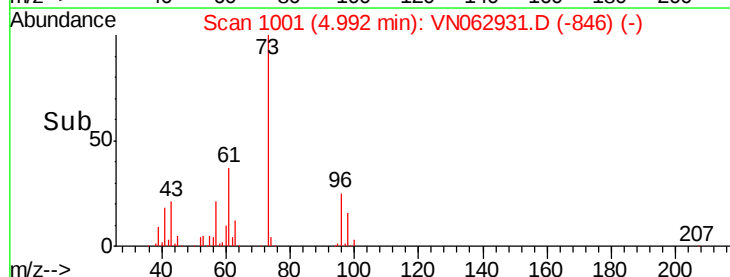
100000

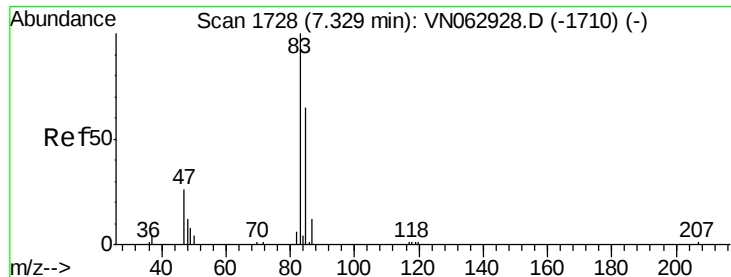
50000

0

4.80 4.90 5.00 5.10

Time-->

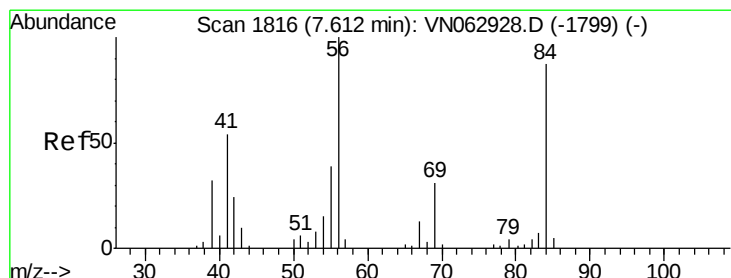
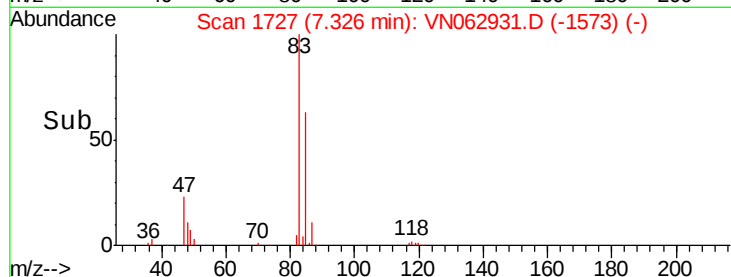
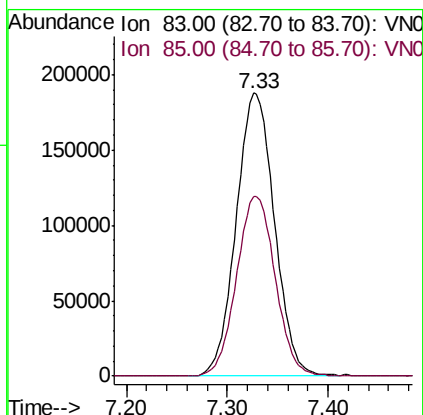
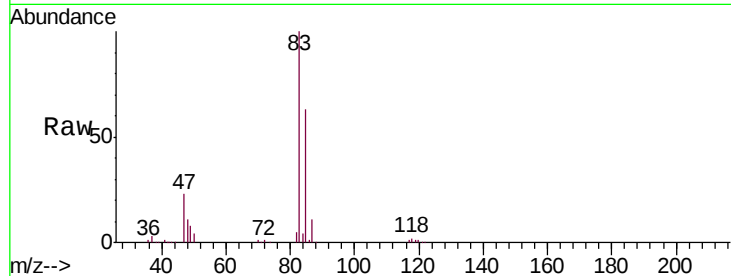




#25
Chloroform
Concen: 143.185 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

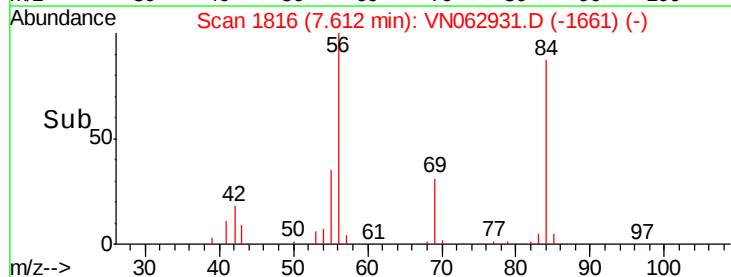
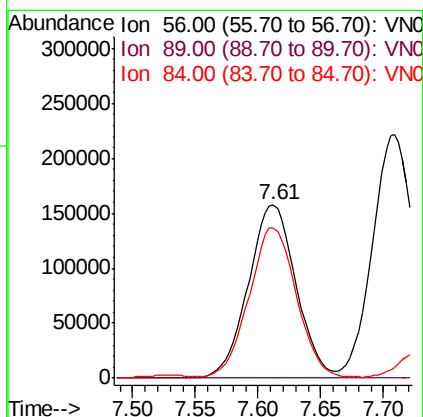
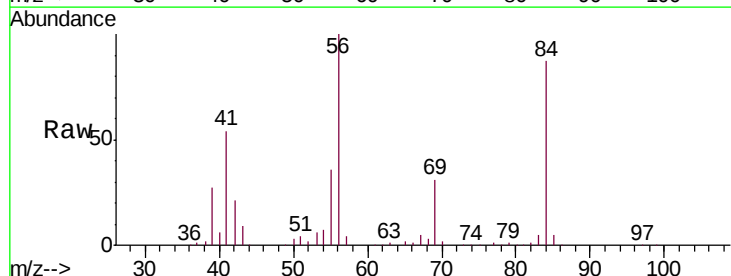
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC150

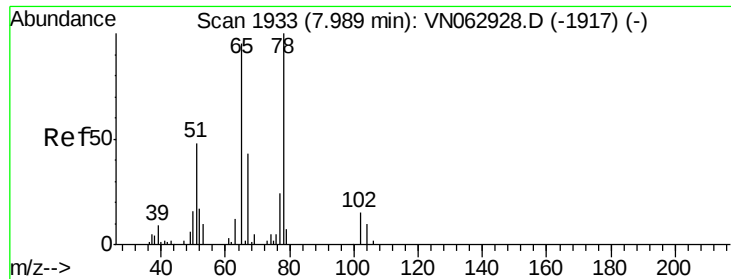
Tgt Ion: 83 Resp: 494246
Ion Ratio Lower Upper
83 100
85 63.4 52.3 78.5



#26
Cyclohexane
Concen: 131.480 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

Tgt Ion: 56 Resp: 418300
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.6 71.9 107.9





#27

1,2-Dichloroethane-d4

Concen: 30.095 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

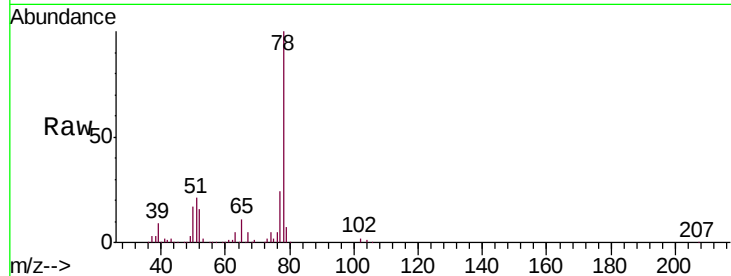
VSTDIC150

Tgt Ion: 65 Resp: 74533

Ion Ratio Lower Upper

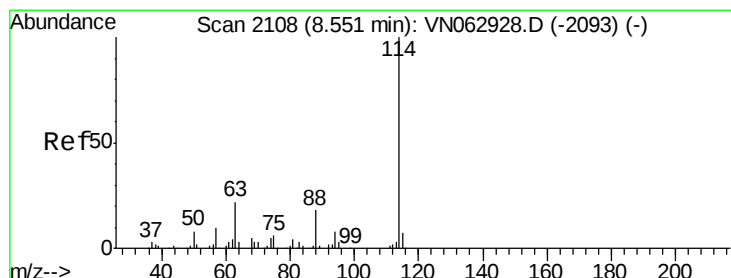
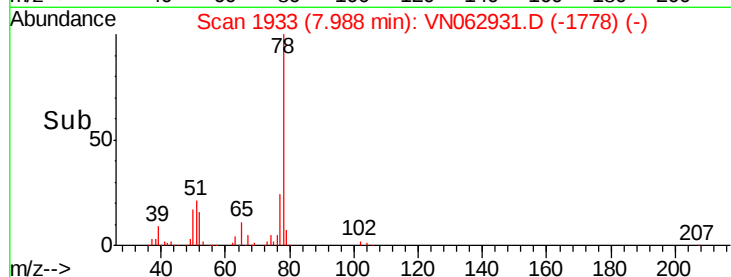
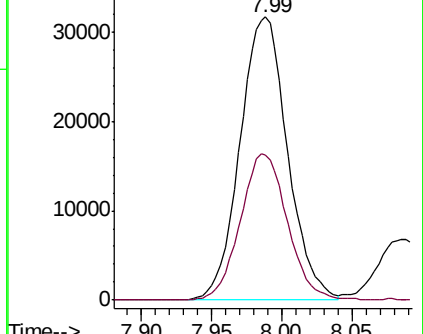
65 100

67 51.0 39.5 59.3



Abundance Ion 65.00 (64.70 to 65.70): VN062928.D (-1917) (-)

Ion 67.00 (66.70 to 67.70): VN062928.D (-1917) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

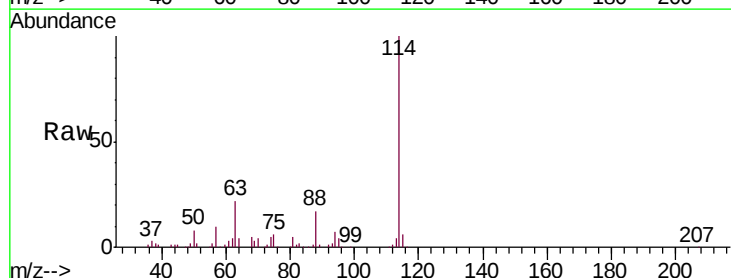
Tgt Ion: 114 Resp: 156200

Ion Ratio Lower Upper

114 100

63 21.9 17.7 26.5

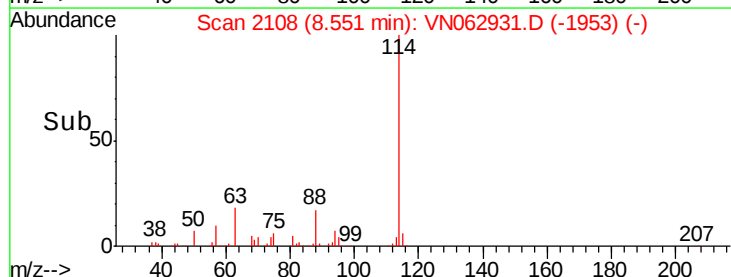
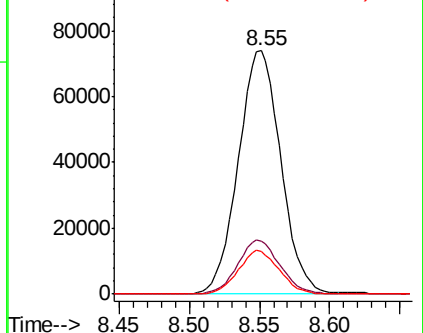
88 17.2 13.9 20.9

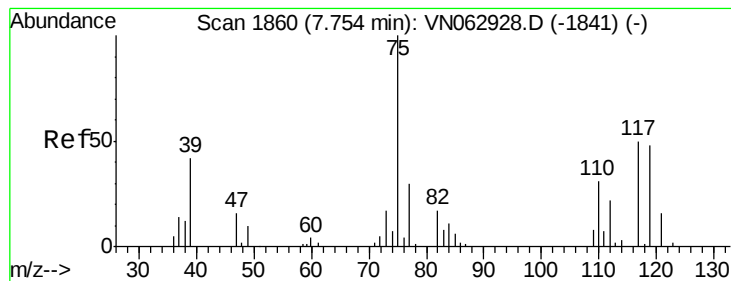


Abundance Ion 114.00 (113.70 to 114.70): VN062928.D (-2093) (-)

Ion 63.00 (62.70 to 63.70): VN062928.D (-2093) (-)

Ion 88.00 (87.70 to 88.70): VN062928.D (-2093) (-)





#29

1,1-Dichloropropene

Concen: 132.199 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC150

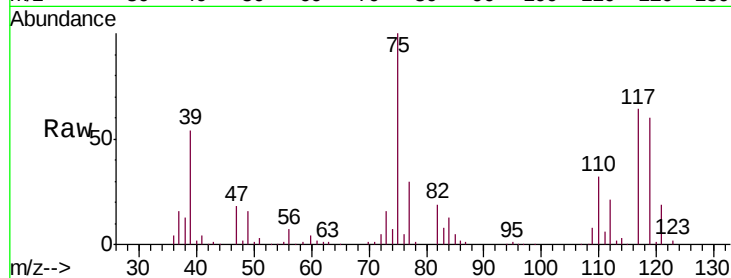
Tgt Ion: 75 Resp: 341158

Ion Ratio Lower Upper

75 100

110 32.2 0.0 65.8

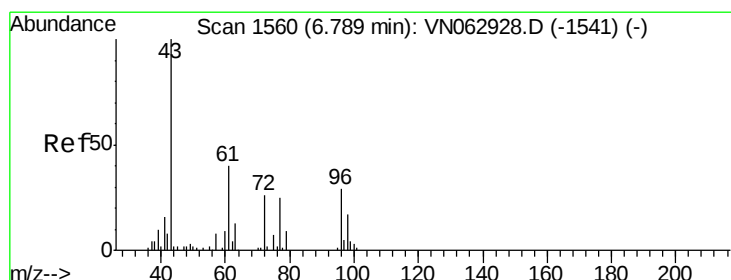
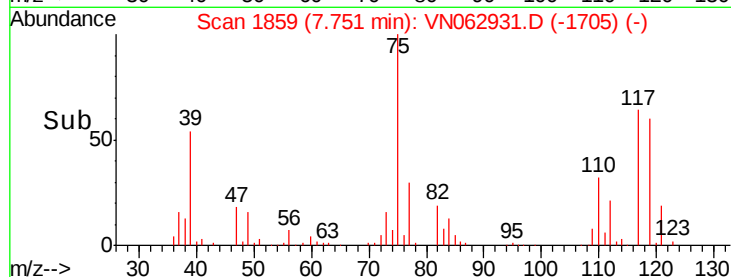
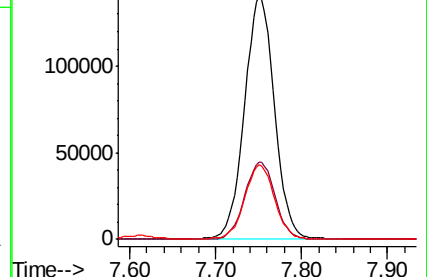
77 30.5 0.0 59.8



Abundance Ion 75.00 (74.70 to 75.70): VN062928.D (-1841) (-)

Ion 110.00 (109.70 to 110.70): VN062928.D (-1841) (-)

Ion 77.00 (76.70 to 77.70): VN062928.D (-1841) (-)



#30

2-Butanone

Concen: 664.991 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

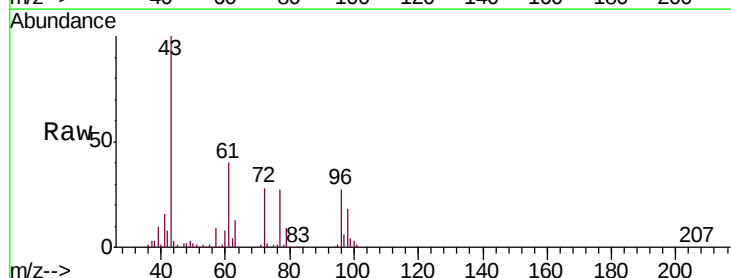
Tgt Ion: 43 Resp: 888111

Ion Ratio Lower Upper

43 100

57 8.7 7.0 10.6

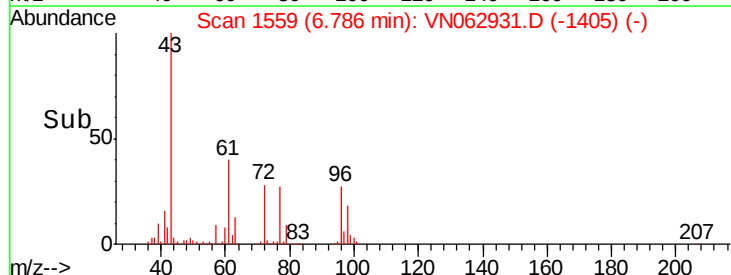
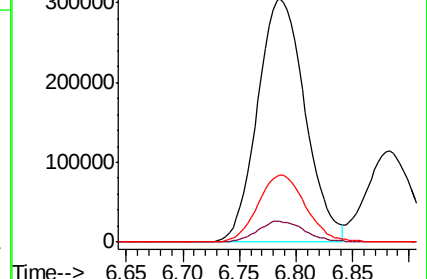
72 27.9 22.0 33.0

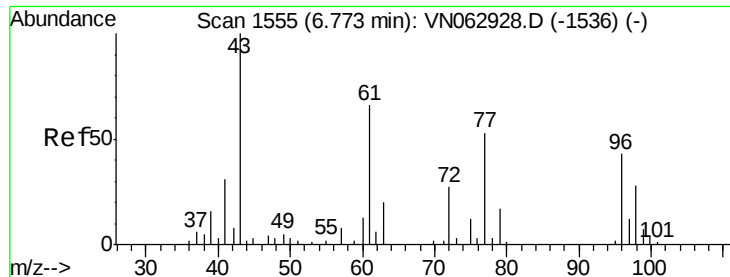


Abundance Ion 43.00 (42.70 to 43.70): VN062928.D (-1541) (-)

Ion 57.00 (56.70 to 57.70): VN062928.D (-1541) (-)

Ion 72.00 (71.70 to 72.70): VN062928.D (-1541) (-)

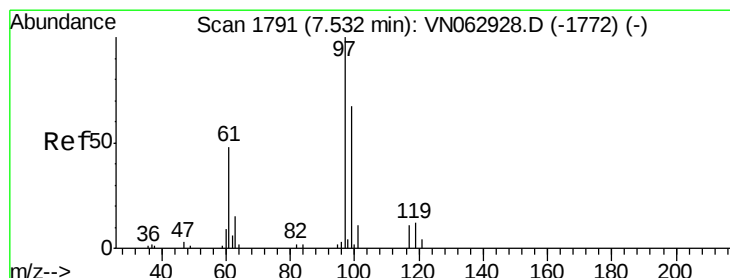
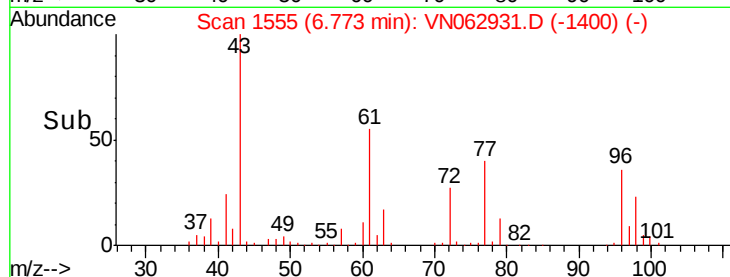
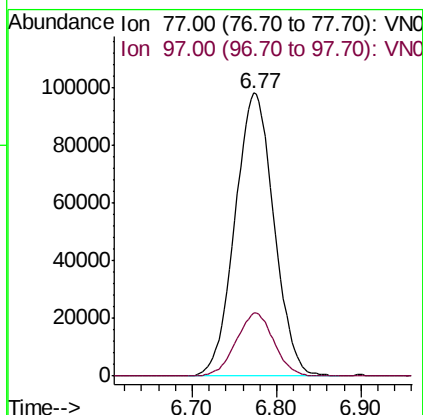
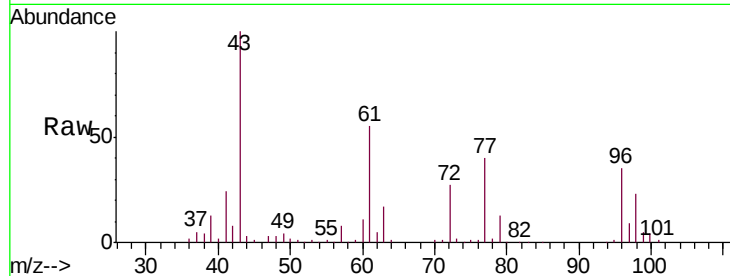




#31
 2,2-Dichloropropane
 Concen: 110.615 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

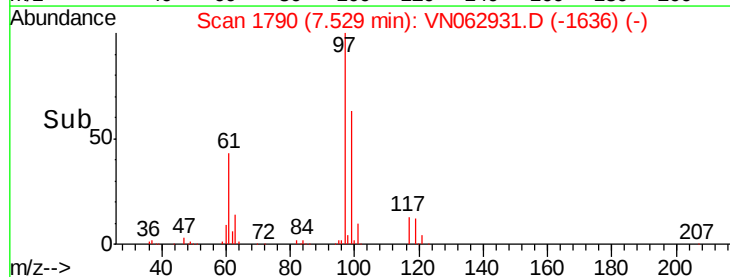
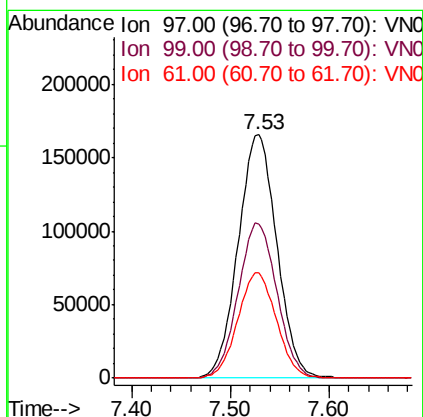
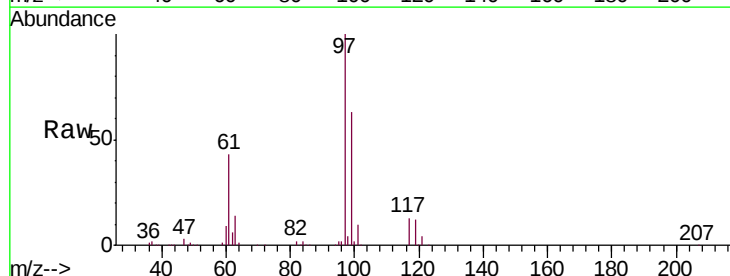
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC150

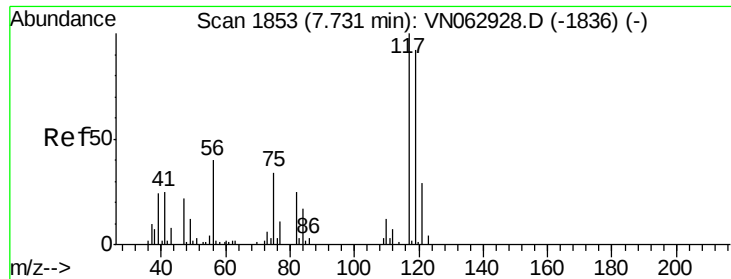
Tgt Ion: 77 Resp: 314888
 Ion Ratio Lower Upper
 77 100
 97 21.7 16.1 24.1



#32
 1,1,1-Trichloroethane
 Concen: 155.108 ug/l
 RT: 7.53 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Tgt Ion: 97 Resp: 450322
 Ion Ratio Lower Upper
 97 100
 99 63.8 53.8 80.8
 61 43.1 36.3 54.5

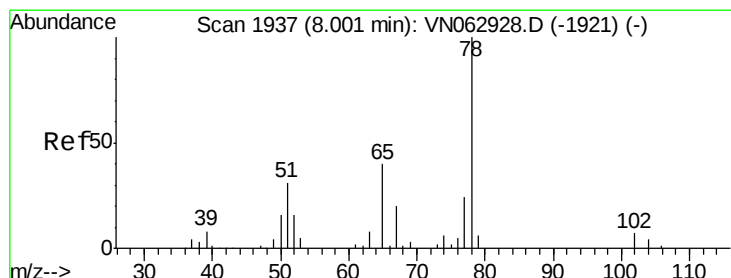
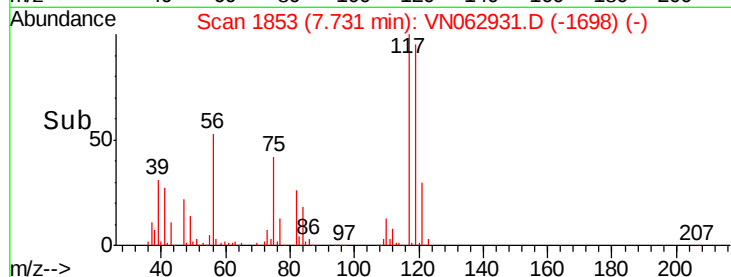
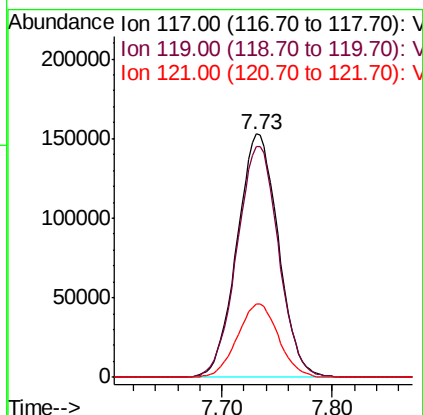
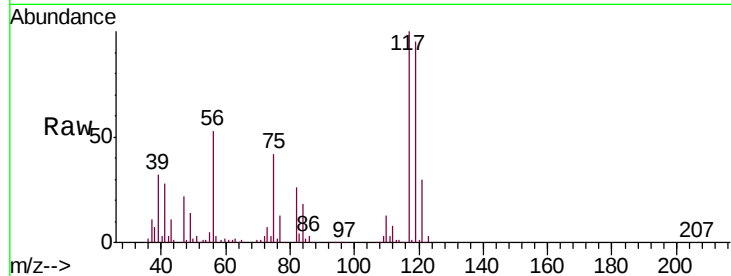




#33
 Carbon Tetrachloride
 Concen: 156.616 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

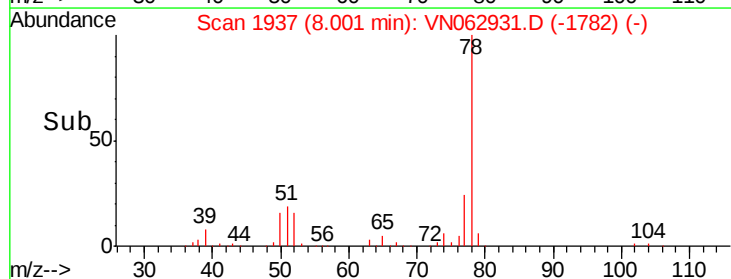
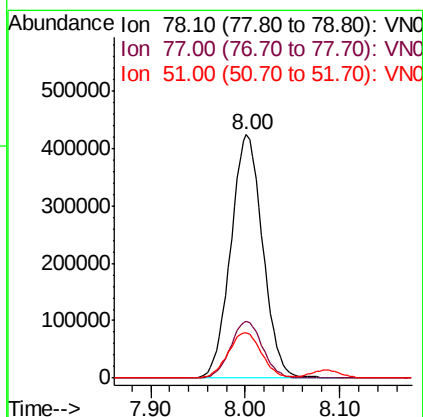
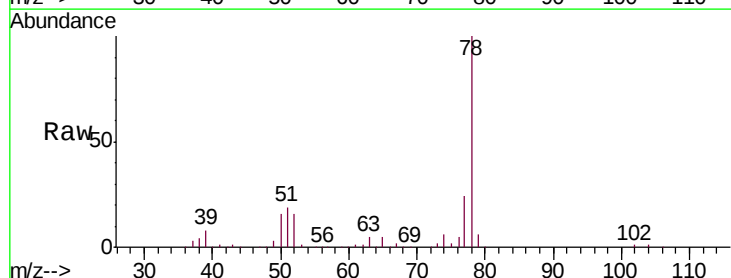
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC150

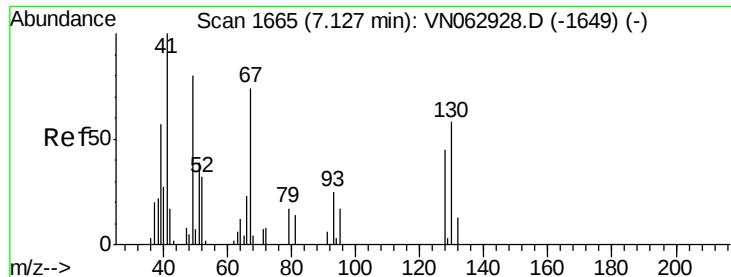
Tgt Ion: 117 Resp: 396842
 Ion Ratio Lower Upper
 117 100
 119 94.4 73.9 110.9
 121 30.0 23.2 34.8



#34
 Benzene
 Concen: 129.948 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Tgt Ion: 78 Resp: 994589
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.3 28.9
 51 18.6 24.9 37.3#

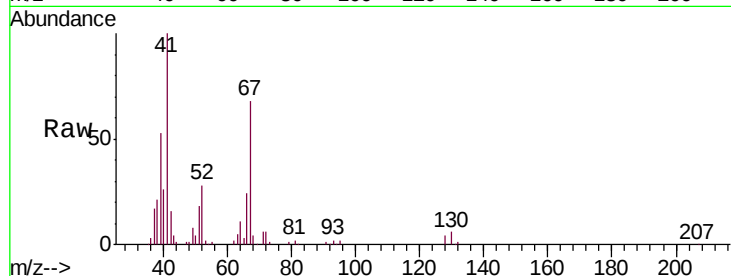




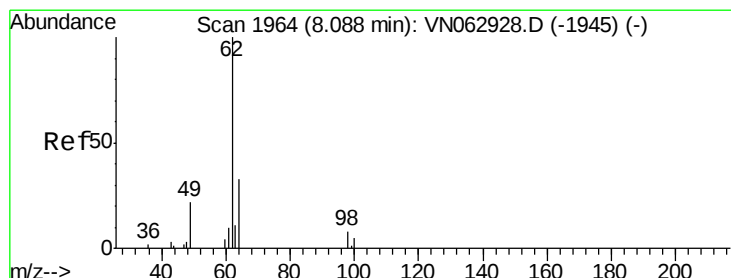
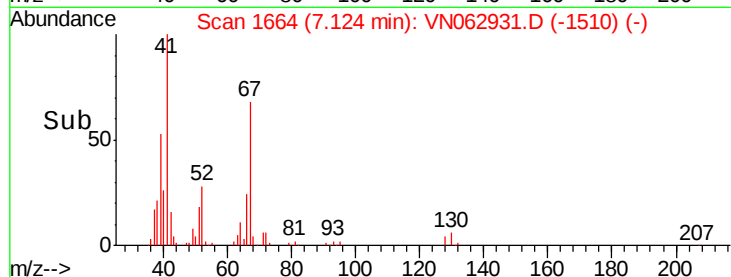
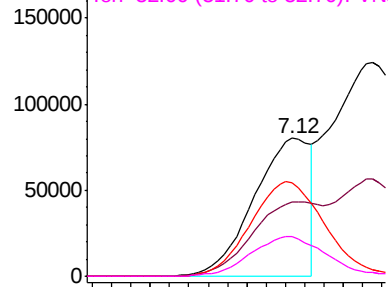
#35
Methacrylonitrile
Concen: 140.622 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	163024
Ion	Ratio	Lower	Upper
41	100		
39	53.5	28.7	86.3
67	67.6	36.8	110.3
52	28.1	16.1	48.2

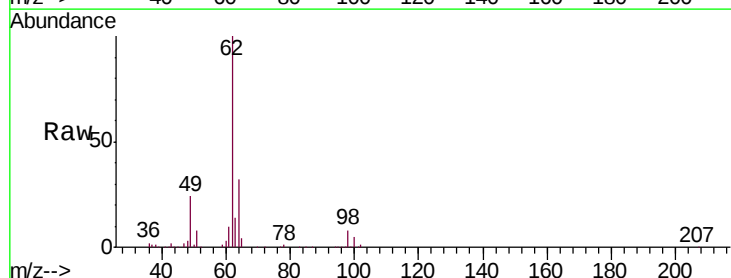


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

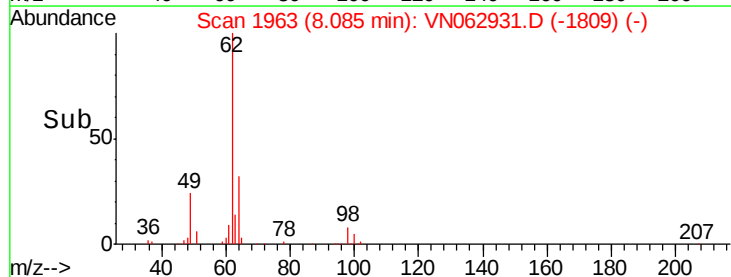
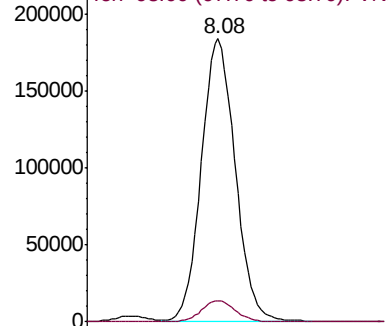


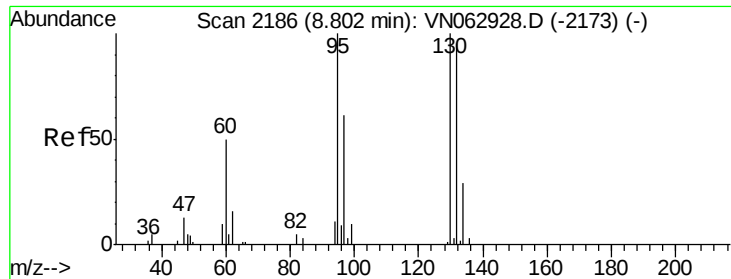
#36
1,2-Dichloroethane
Concen: 146.935 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

Tgt Ion:	62	Resp:	421090
Ion	Ratio	Lower	Upper
62	100		
98	7.6	6.1	9.1



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 141.183 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

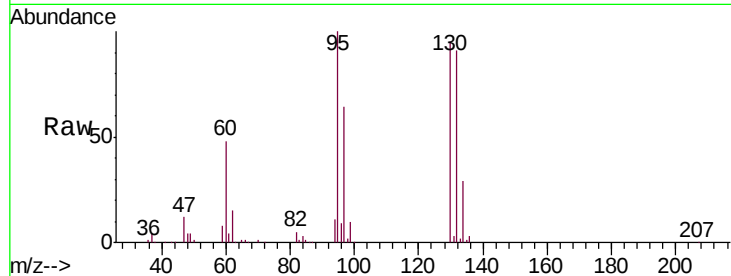
VSTDIC150

Tgt Ion: 130 Resp: 247929

Ion Ratio Lower Upper

130 100

95 105.3 80.1 120.1



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.80

150000

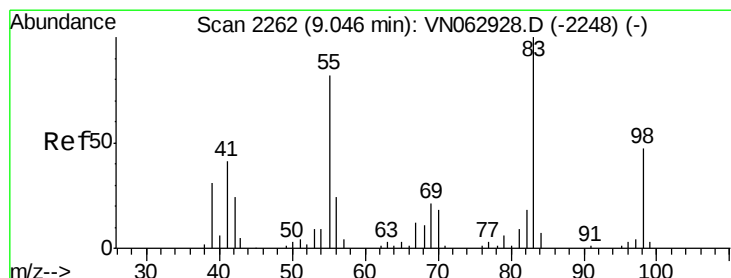
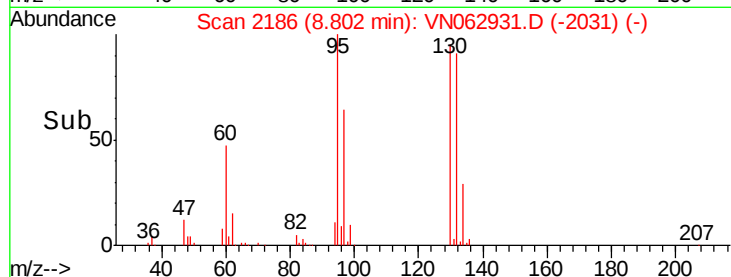
100000

50000

0

Time-->

8.70 8.75 8.80 8.85 8.90



#38

Methylcyclohexane

Concen: 150.197 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

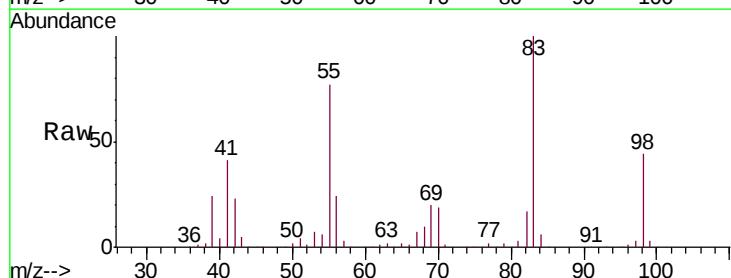
Tgt Ion: 83 Resp: 438885

Ion Ratio Lower Upper

83 100

55 77.6 40.8 122.5

98 44.5 22.3 66.8



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.05

250000

200000

150000

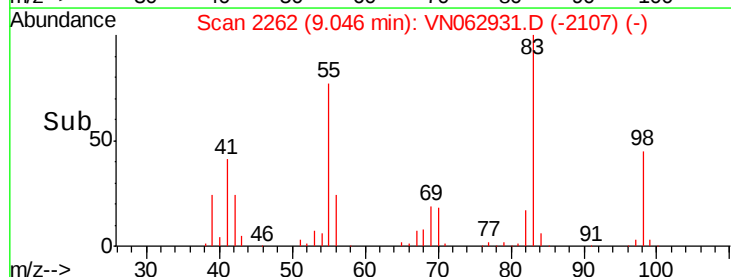
100000

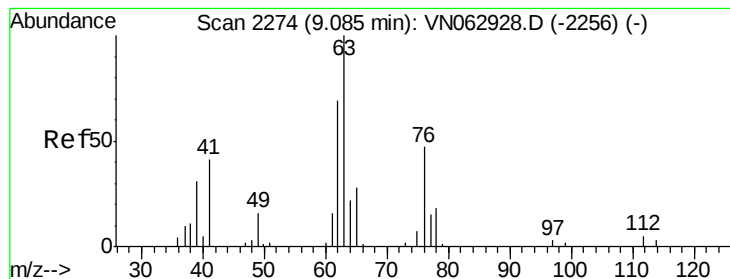
50000

0

Time-->

9.00 9.05 9.10





#39

1,2-Dichloropropane

Concen: 127.890 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

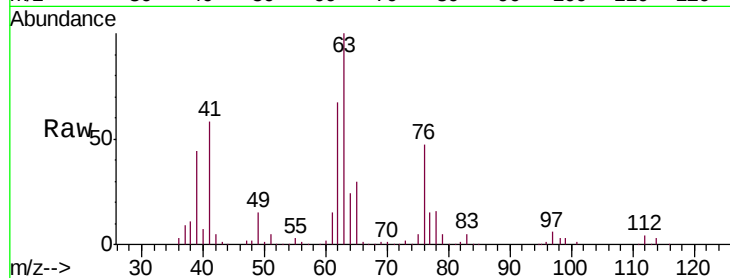
VSTDIC150

Tgt Ion: 63 Resp: 276779

Ion Ratio Lower Upper

63 100

65 29.9 23.8 35.6



Abundance Ion 63.00 (62.70 to 63.70): VN062928.D (-2256) (-)

Ion 65.00 (64.70 to 65.70): VN062928.D (-2256) (-)

9.08

150000

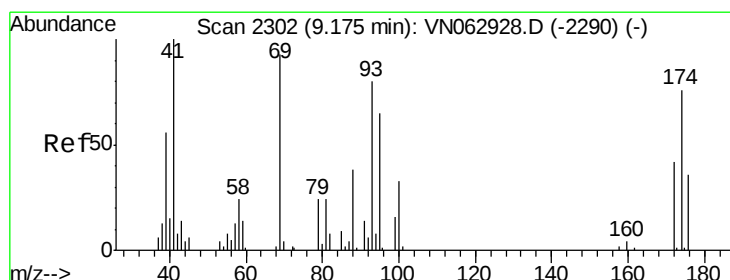
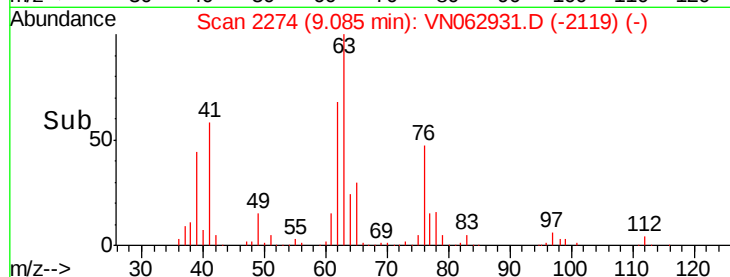
100000

50000

0

9.00 9.10 9.20

Time-->



#40

Dibromomethane

Concen: 140.157 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

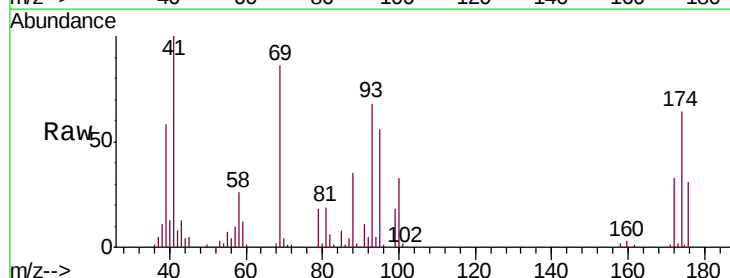
Tgt Ion: 93 Resp: 180587

Ion Ratio Lower Upper

93 100

95 83.0 0.0 161.8

174 95.4 0.0 190.0



Abundance Ion 93.00 (92.70 to 93.70): VN062928.D (-2290) (-)

Ion 95.00 (94.70 to 95.70): VN062928.D (-2290) (-)

Ion 174.00 (173.70 to 174.70): VN062928.D (-2290) (-)

9.17

120000

100000

80000

60000

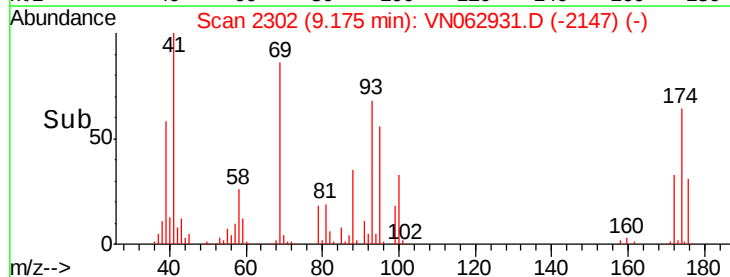
40000

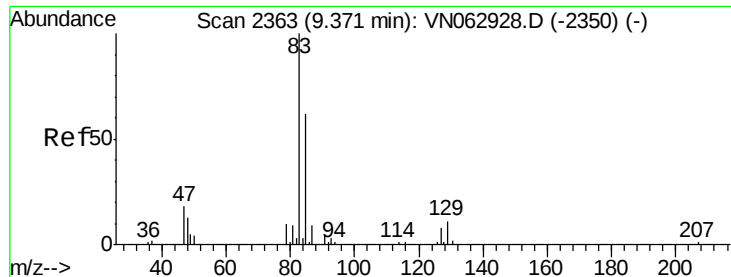
20000

0

9.10 9.15 9.20 9.25

Time-->

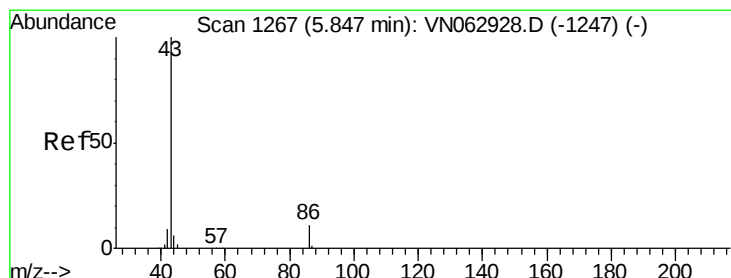
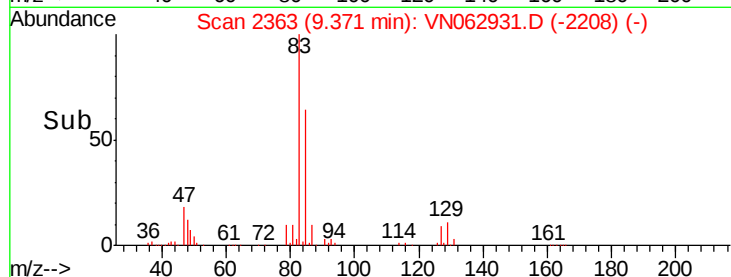
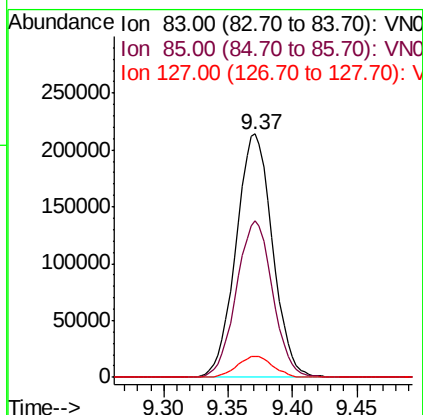
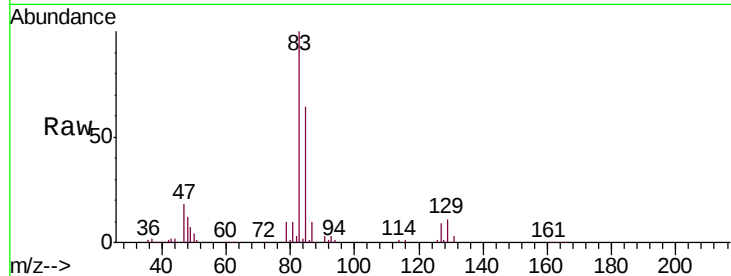




#41
 Bromodichloromethane
 Concen: 152.384 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

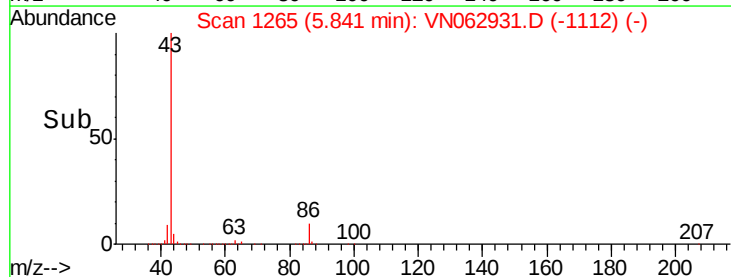
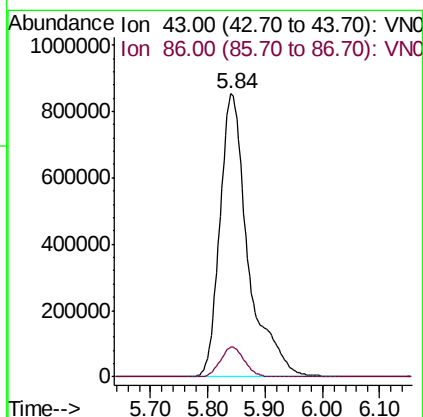
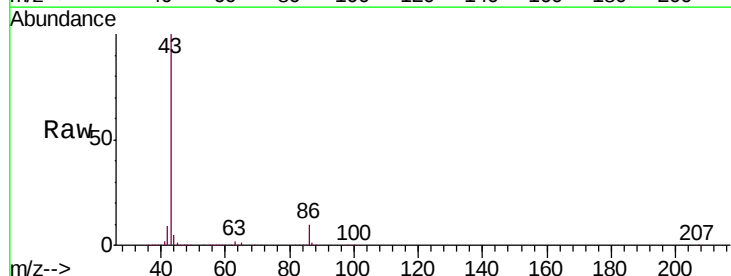
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC150

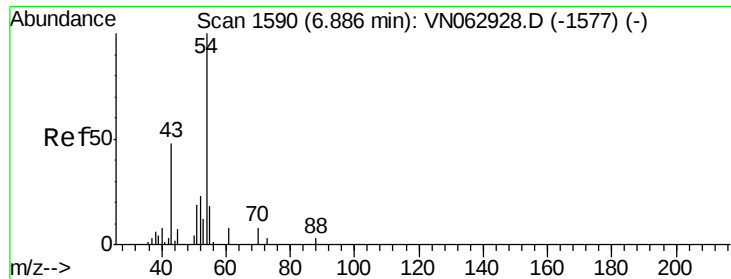
Tgt Ion: 83 Resp: 421741
 Ion Ratio Lower Upper
 83 100
 85 64.1 49.9 74.9
 127 8.8 7.1 10.7



#42
 Vinyl Acetate
 Concen: 542.431 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Tgt Ion: 43 Resp: 2929403
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.1 10.7





#43

Ethyl Acetate

Concen: 119.675 ug/l

RT: 6.88 min Scan# 1589

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

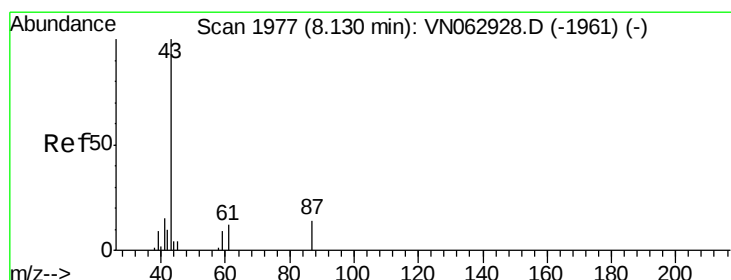
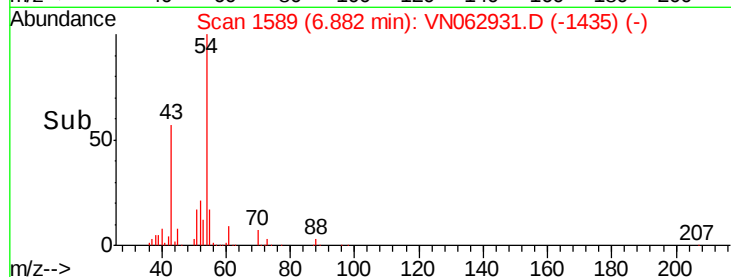
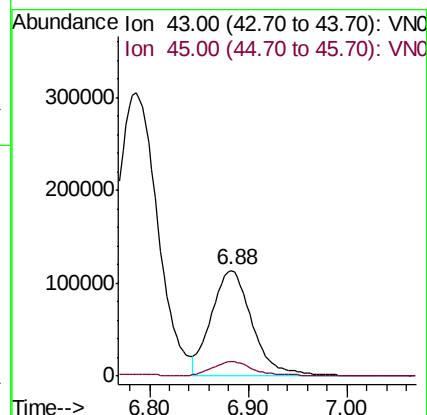
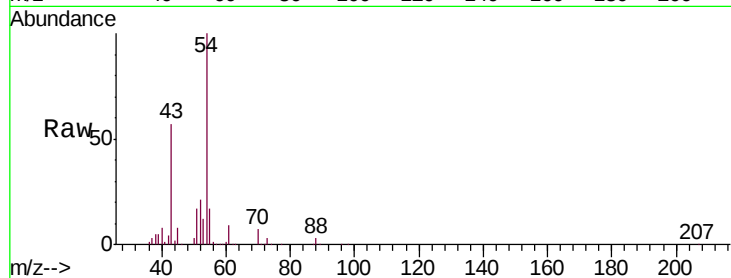
VSTDIC150

Tgt Ion: 43 Resp: 323574

Ion Ratio Lower Upper

43 100

45 13.0 6.6 9.8#



#44

Isopropyl Acetate

Concen: 126.693 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062931.D

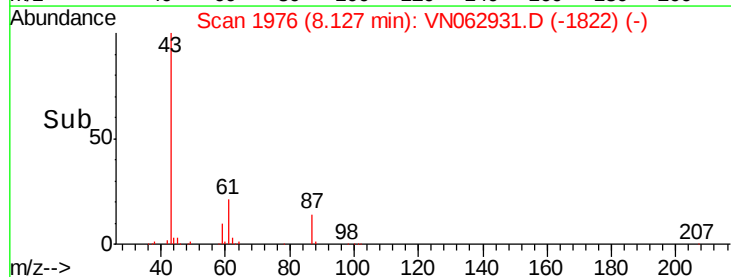
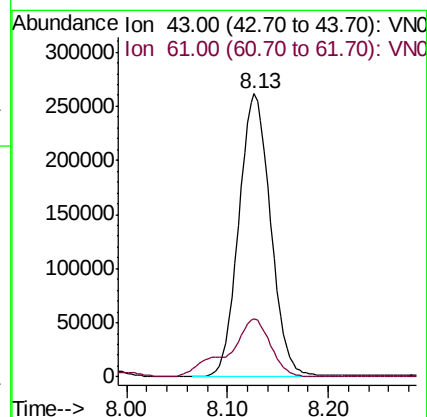
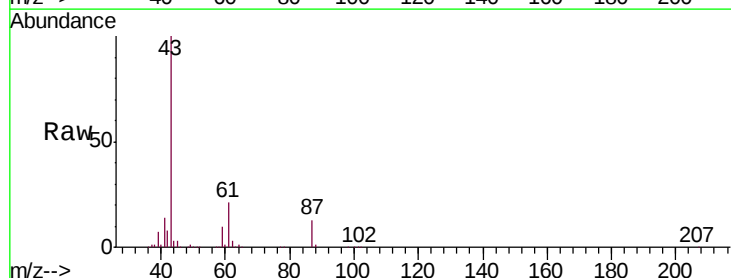
Acq: 14 Aug 2020 00:09

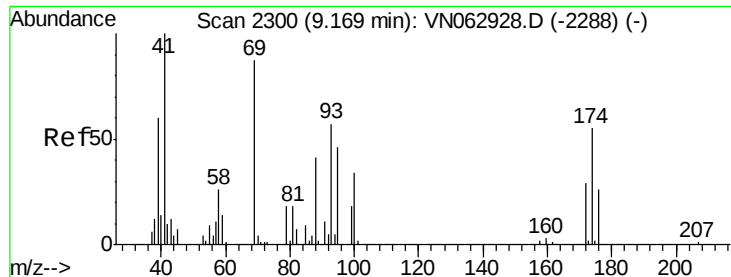
Tgt Ion: 43 Resp: 571691

Ion Ratio Lower Upper

43 100

61 26.9 17.2 25.8#

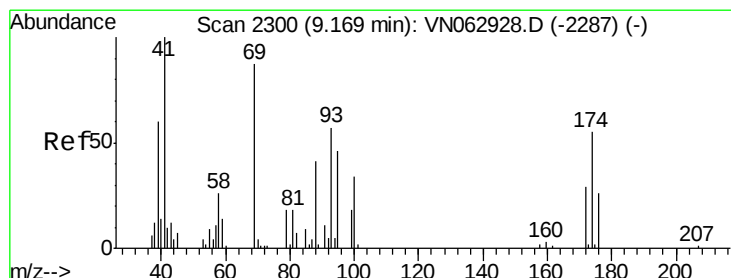
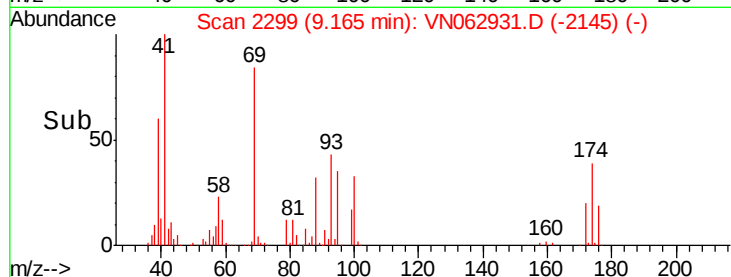
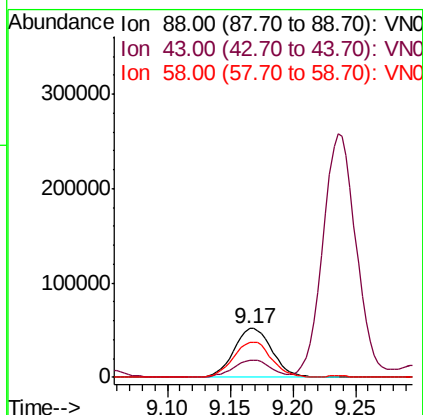
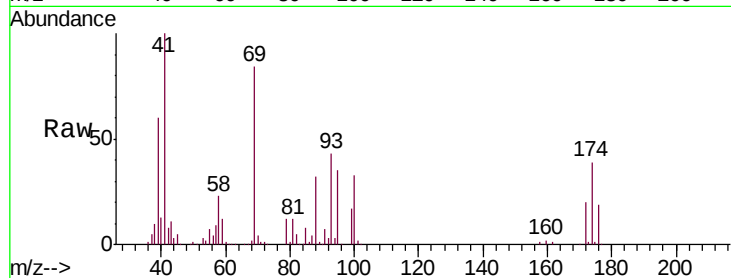




#45
 1,4-Dioxane
 Concen: 3330.860 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

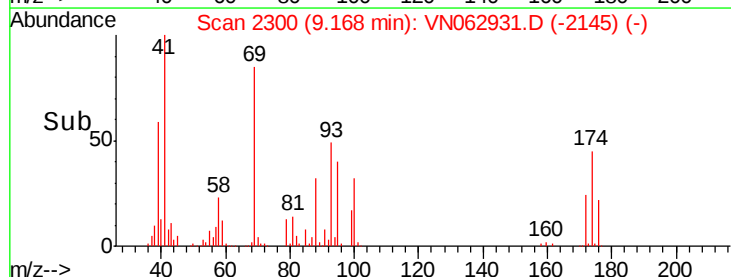
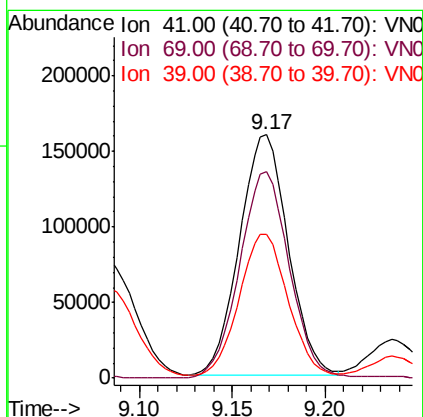
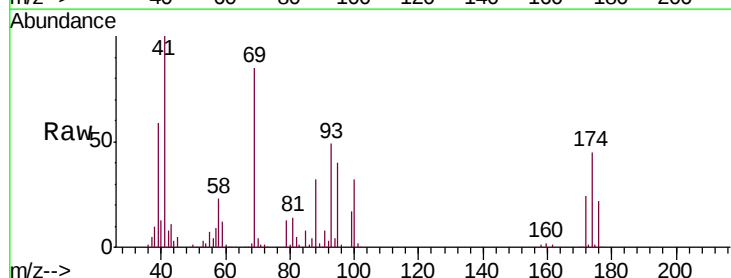
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC150

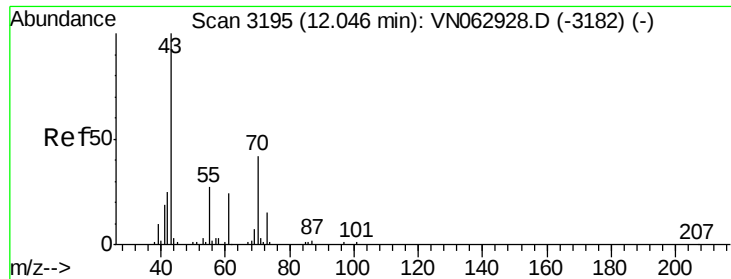
Tgt Ion: 88 Resp: 109786
 Ion Ratio Lower Upper
 88 100
 43 34.6 26.0 39.0
 58 72.1 54.2 81.2



#46
 Methyl methacrylate
 Concen: 135.584 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Tgt Ion: 41 Resp: 292541
 Ion Ratio Lower Upper
 41 100
 69 85.6 43.6 130.9
 39 58.8 29.9 89.8

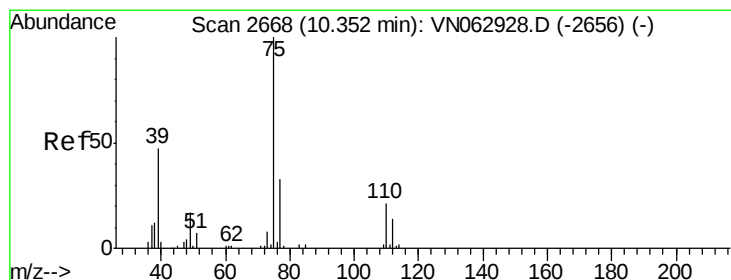
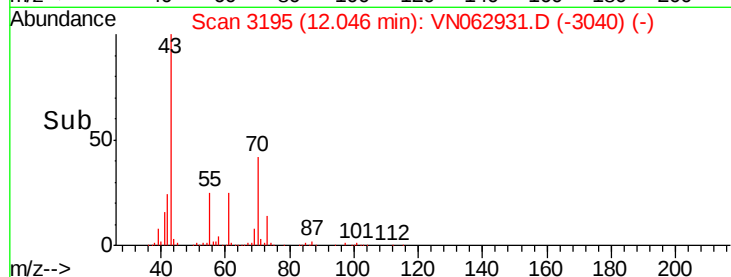
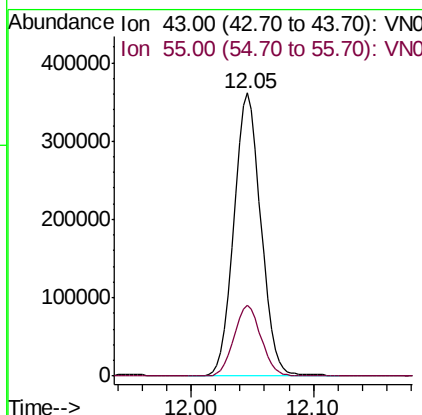
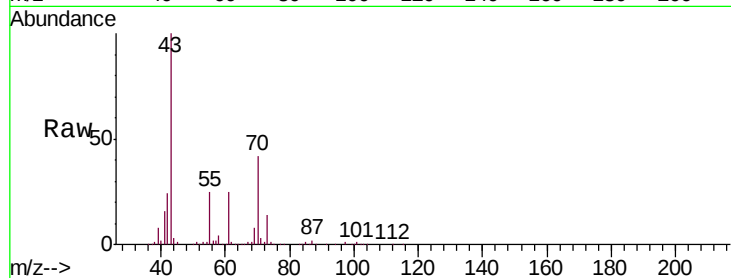




#47
n-amyl Acetate
Concen: 143.723 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

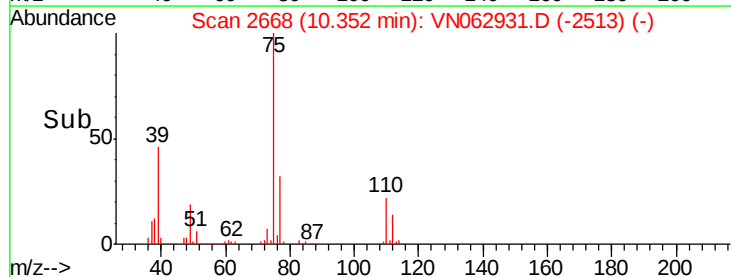
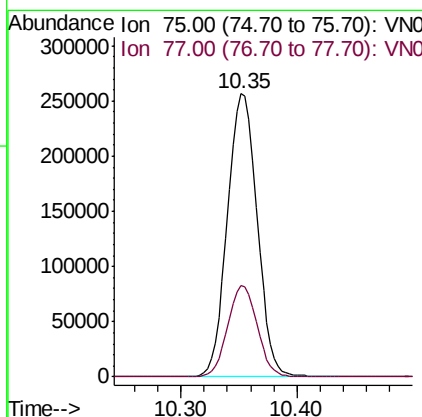
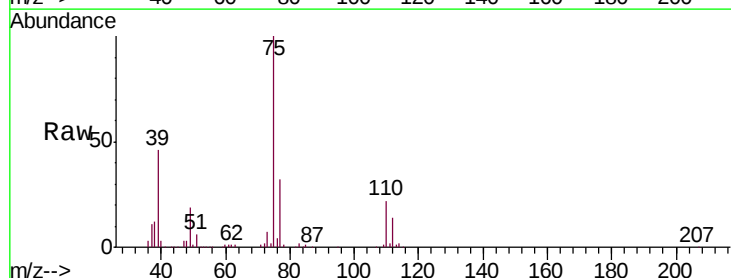
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC150

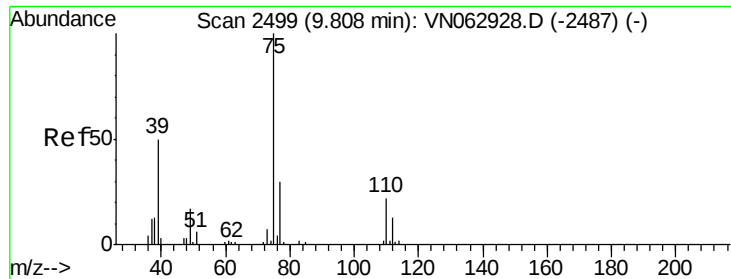
Tgt Ion: 43 Resp: 554384
Ion Ratio Lower Upper
43 100
55 25.3 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 144.345 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

Tgt Ion: 75 Resp: 455593
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2



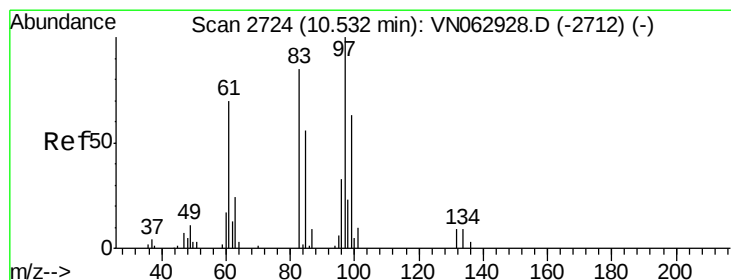
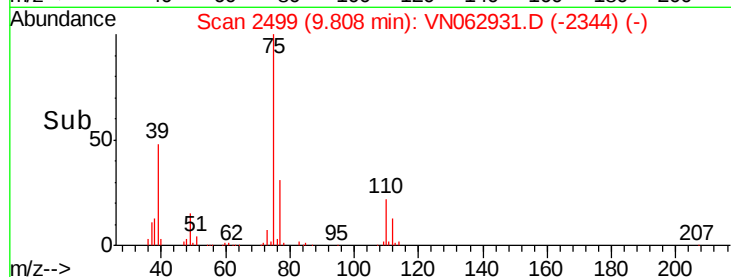
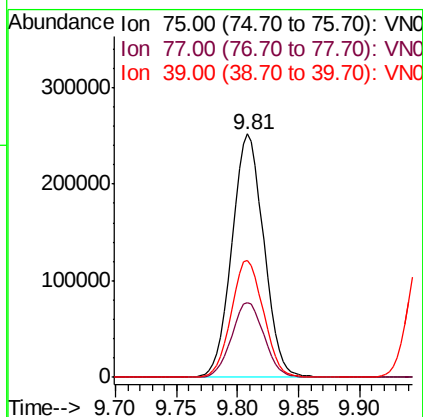
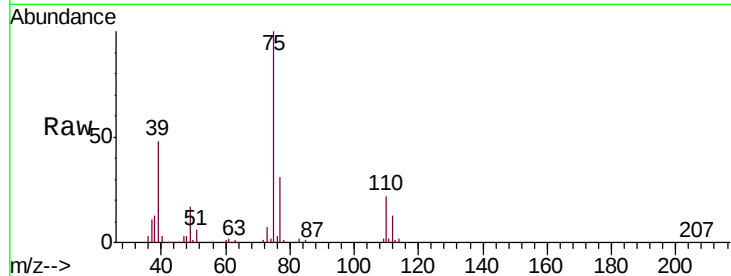


#49

cis-1,3-Dichloropropene
 Concen: 136.610 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC150

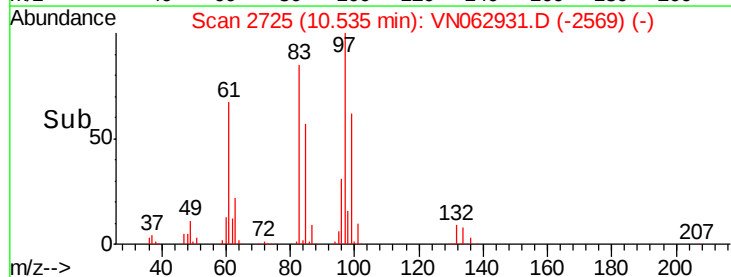
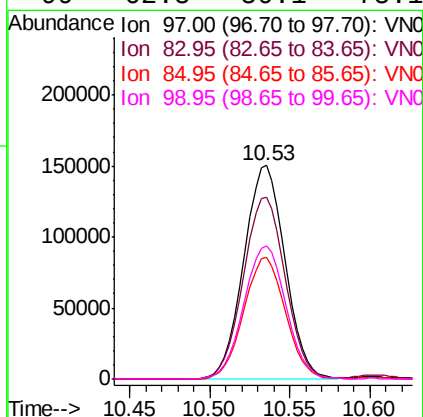
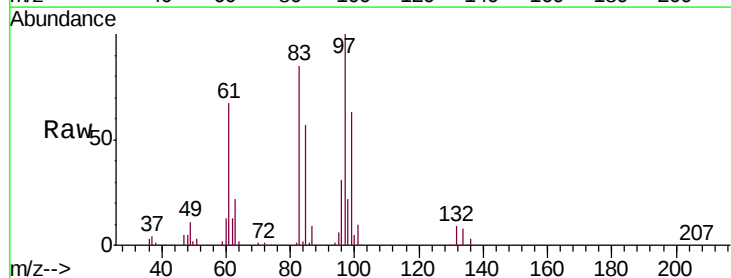
Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.4	36.6
39	48.1	40.2	60.4

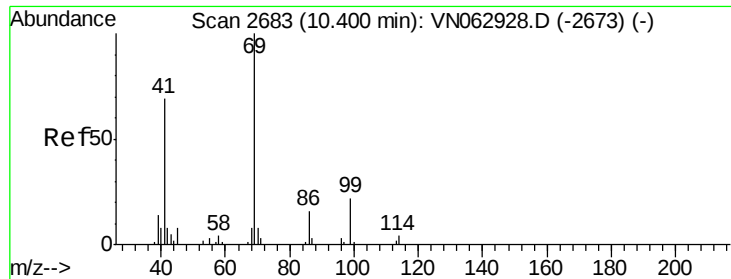


#50

1,1,2-Trichloroethane
 Concen: 146.870 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.8	101.6
85	56.8	44.5	66.7
99	62.5	50.1	75.1





#51

Ethyl methacrylate

Concen: 152.774 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC150

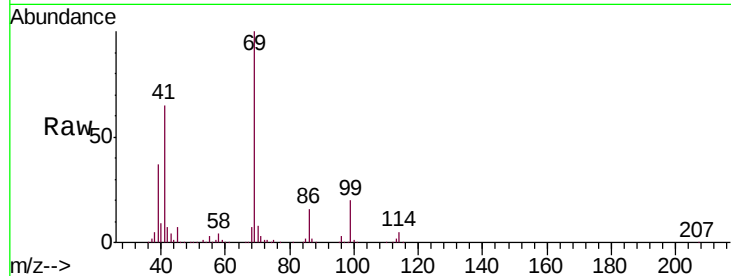
Tgt Ion: 69 Resp: 453973

Ion Ratio Lower Upper

69 100

41 65.0 34.8 104.3

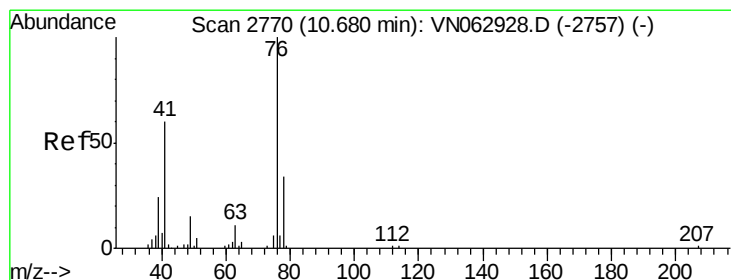
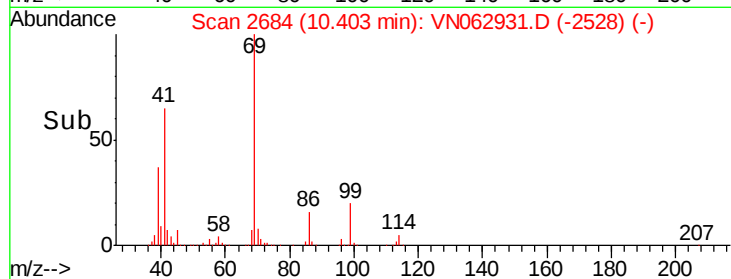
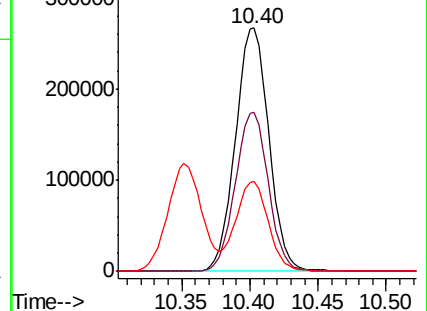
39 36.5 18.6 55.8



Abundance Ion 69.00 (68.70 to 69.70): VN062928.D (-2673) (-)

Ion 41.00 (40.70 to 41.70): VN062928.D (-2673) (-)

Ion 39.00 (38.70 to 39.70): VN062928.D (-2673) (-)



#52

1,3-Dichloropropane

Concen: 141.058 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062931.D

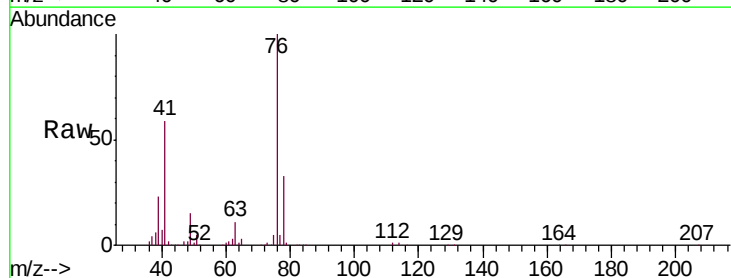
Acq: 14 Aug 2020 00:09

Tgt Ion: 76 Resp: 463752

Ion Ratio Lower Upper

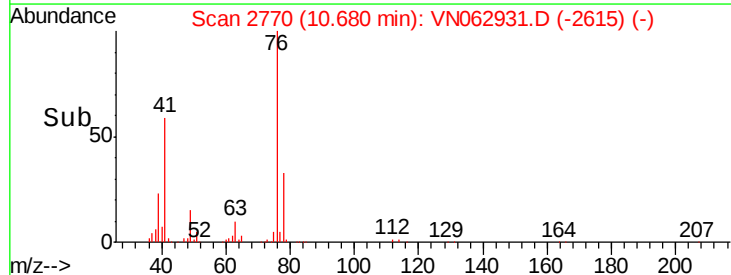
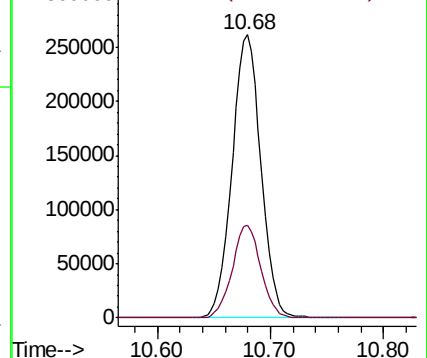
76 100

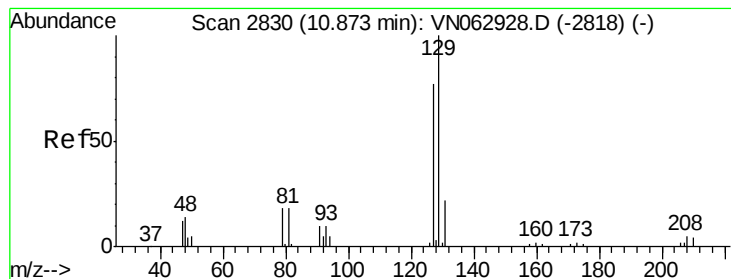
78 32.3 0.0 66.2



Abundance Ion 76.00 (75.70 to 76.70): VN062928.D (-2757) (-)

Ion 78.00 (77.70 to 78.70): VN062928.D (-2757) (-)





#53

Dibromochloromethane

Concen: 164.370 ug/l

RT: 10.88 min Scan# 2831

Delta R.T. 0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

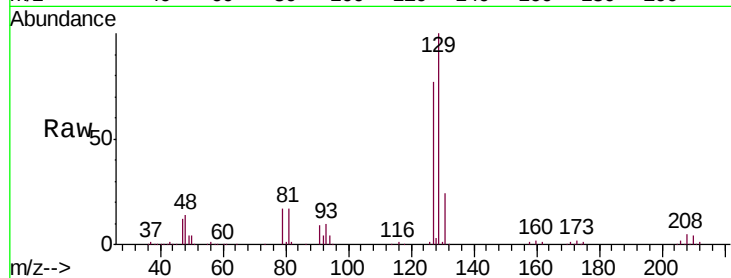
VSTDIC150

Tgt Ion:129 Resp: 331138

Ion Ratio Lower Upper

129 100

127 77.4 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.88

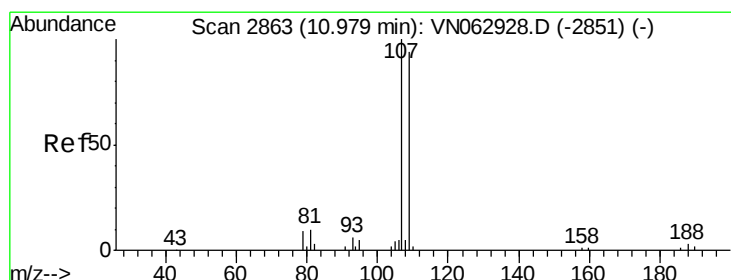
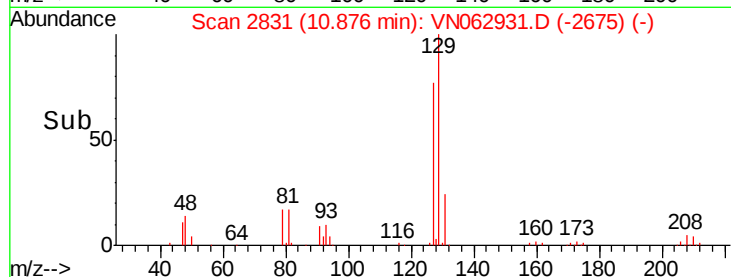
150000

100000

50000

0

Time-->



#54

1,2-Dibromoethane

Concen: 149.910 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN062931.D

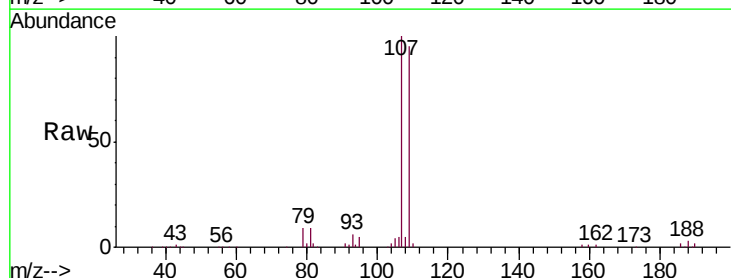
Acq: 14 Aug 2020 00:09

Tgt Ion:107 Resp: 278214

Ion Ratio Lower Upper

107 100

109 95.2 76.9 115.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

10.98

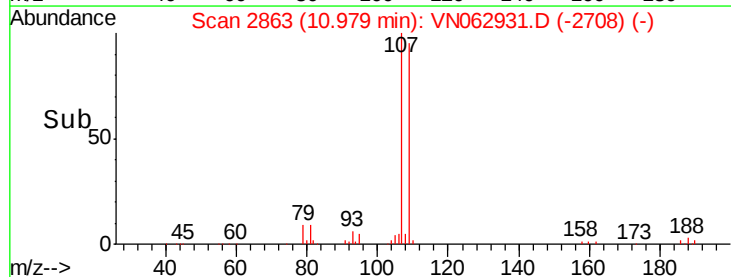
150000

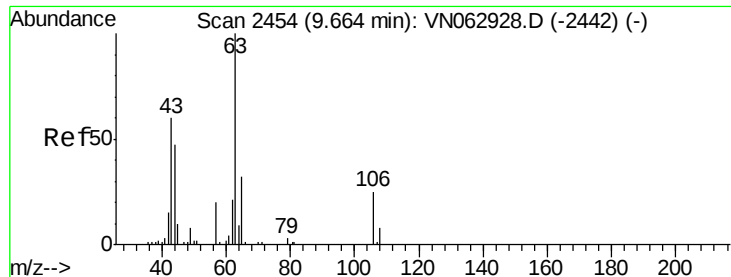
100000

50000

0

Time-->

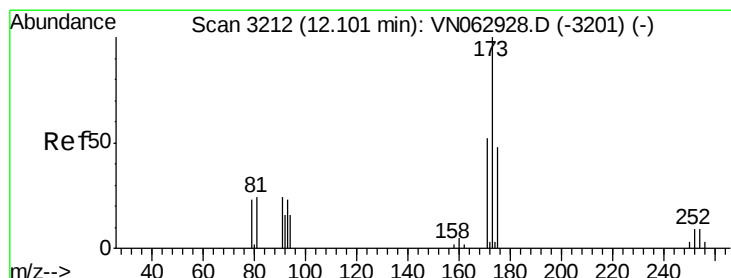
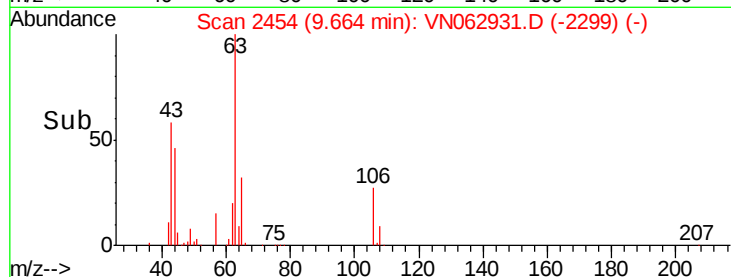
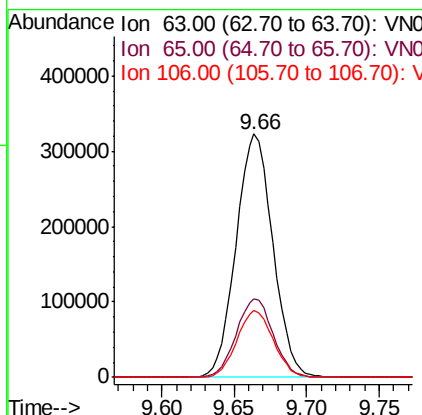
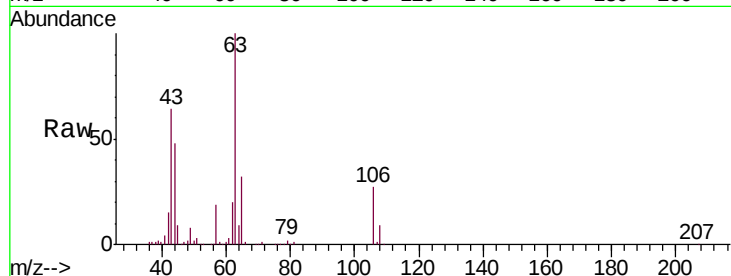




#55
 2-Chloroethyl vinyl ether
 Concen: 633.340 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

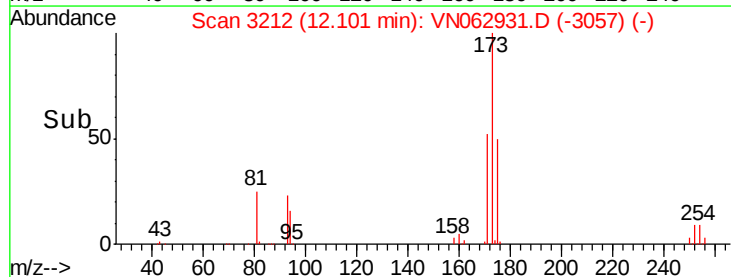
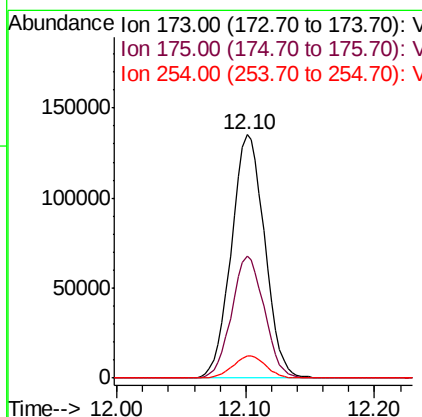
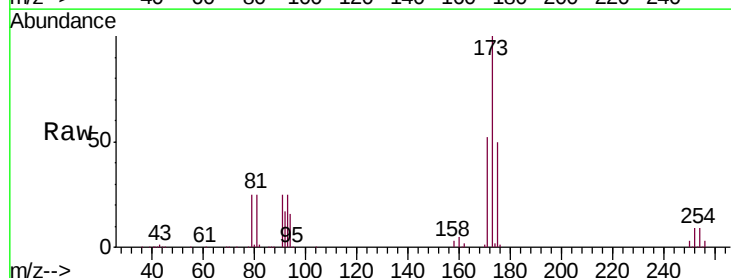
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC150

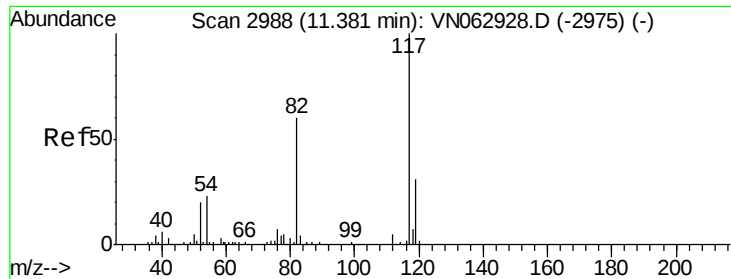
Tgt Ion: 63 Resp: 569654
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.8 38.8
 106 27.4 20.4 30.6



#56
 Bromoform
 Concen: 175.105 ug/l
 RT: 12.10 min Scan# 3212
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Tgt Ion: 173 Resp: 242755
 Ion Ratio Lower Upper
 173 100
 175 49.2 37.8 56.6
 254 9.0 6.9 10.3

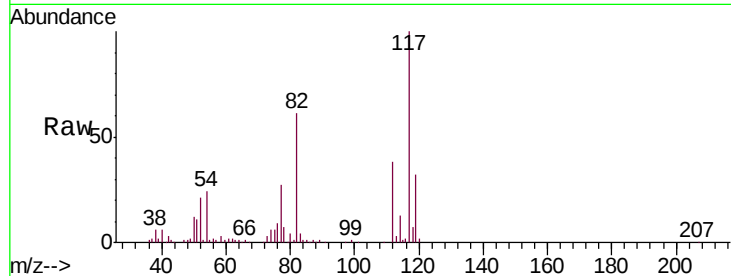




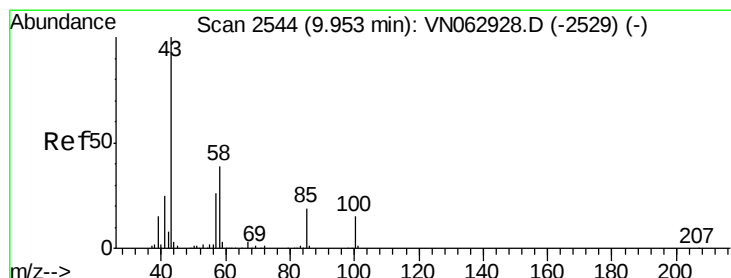
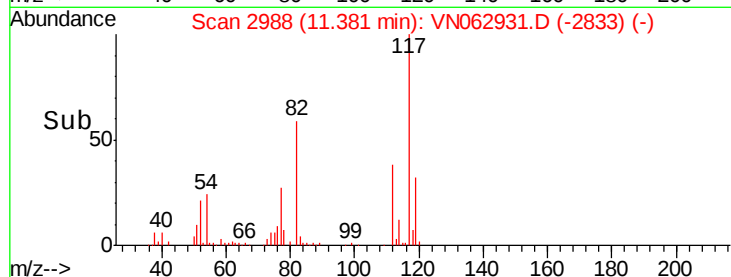
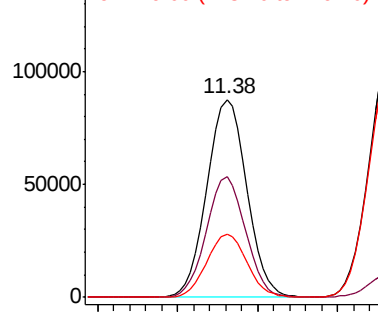
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC150

Tgt Ion: 117 Resp: 149455
Ion Ratio Lower Upper
117 100
82 59.8 47.5 71.3
119 32.1 26.0 39.0

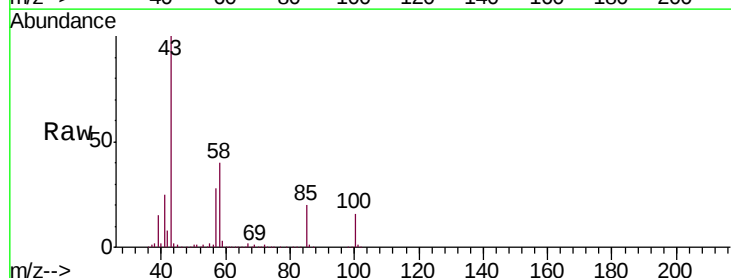


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

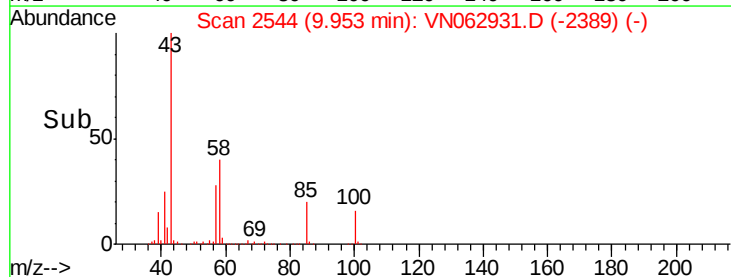
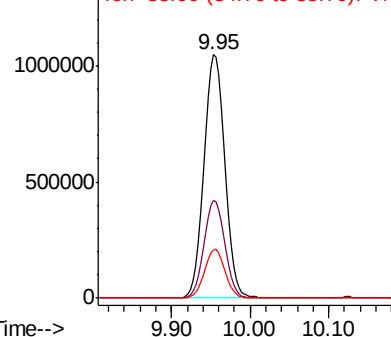


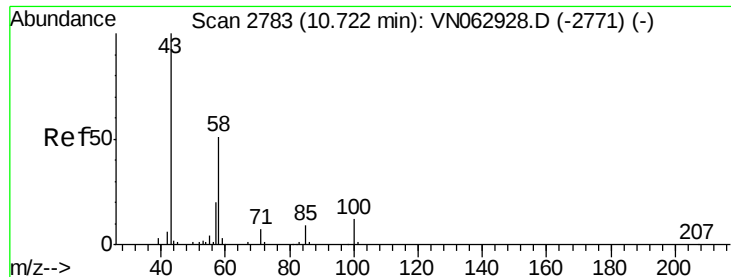
#58
4-Methyl-2-Pentanone
Concen: 682.793 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

Tgt Ion: 43 Resp: 1916549
Ion Ratio Lower Upper
43 100
58 40.1 31.3 46.9
85 19.7 15.2 22.8



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

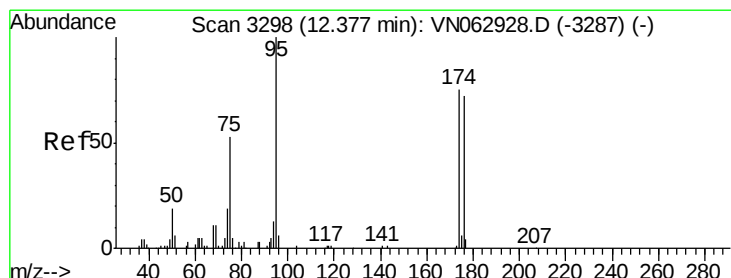
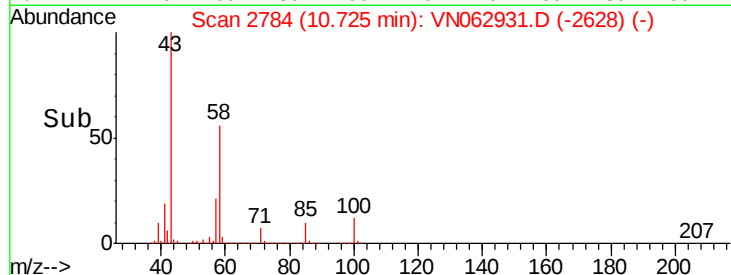
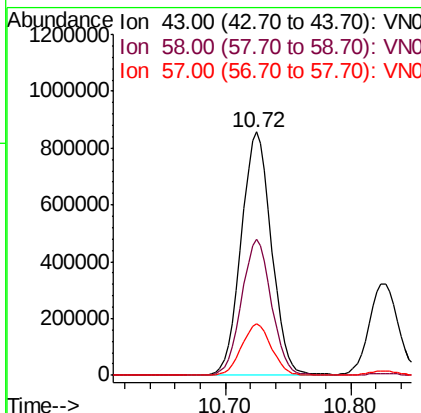
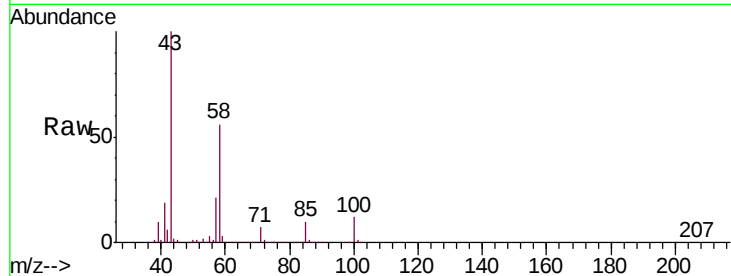




#59
2-Hexanone
Concen: 699.822 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

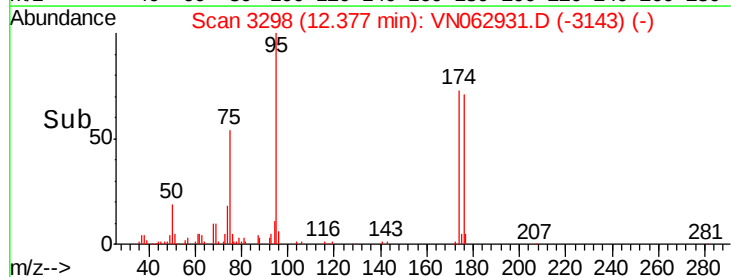
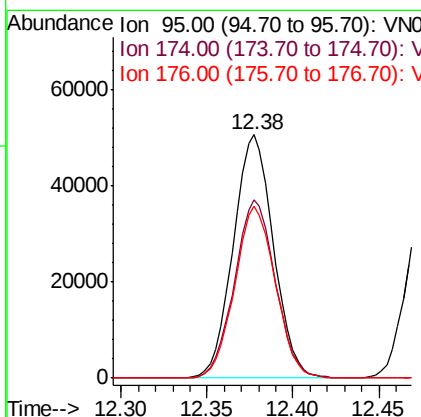
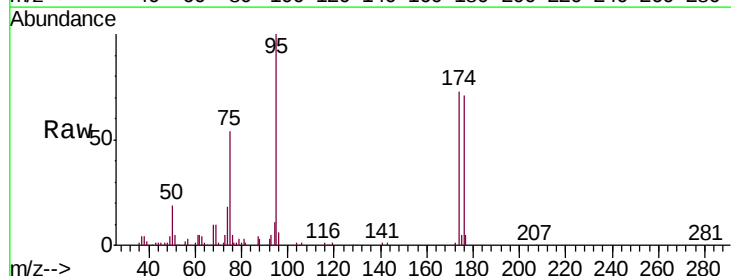
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC150

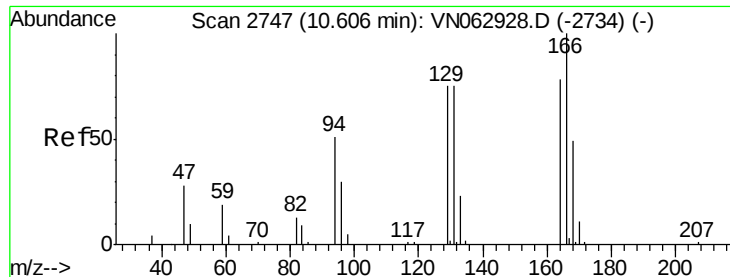
Tgt Ion: 43 Resp: 1437949
Ion Ratio Lower Upper
43 100
58 55.3 41.8 62.6
57 21.1 16.2 24.2



#60
4-Bromofluorobenzene
Concen: 32.270 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

Tgt Ion: 95 Resp: 81937
Ion Ratio Lower Upper
95 100
174 74.5 60.9 91.3
176 71.2 57.8 86.8





#61

Tetrachloroethene

Concen: 140.447 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 212954

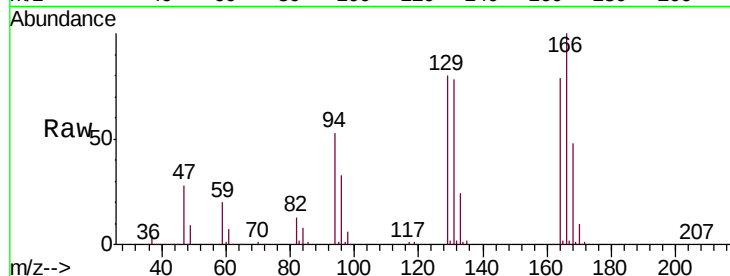
Ion Ratio Lower Upper

164 100

166 126.9 101.9 152.9

129 101.3 76.4 114.6

131 99.2 76.5 114.7

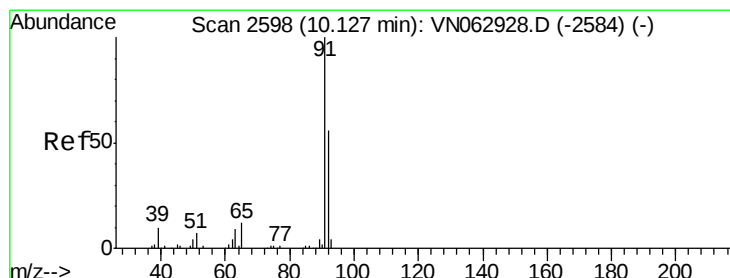
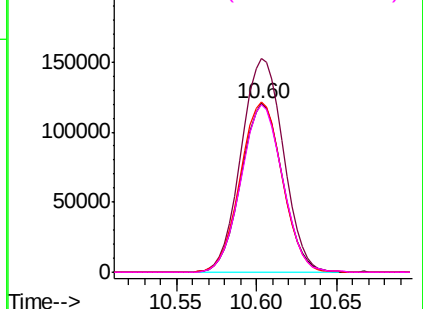
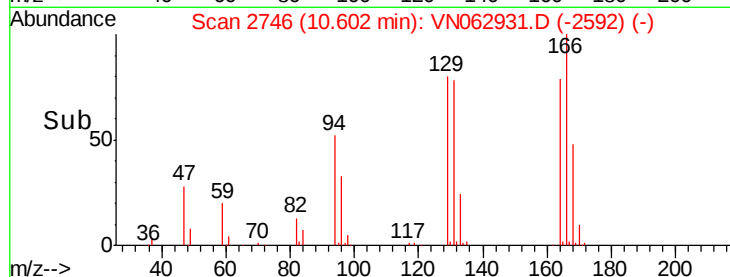


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 135.083 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062931.D

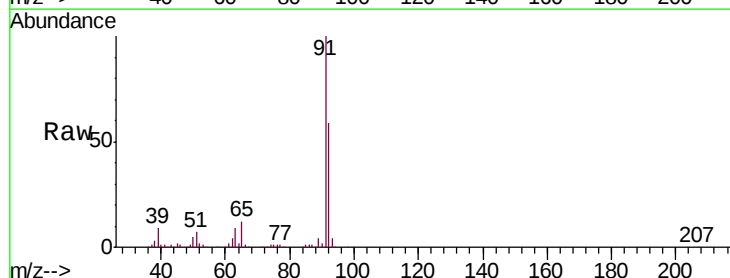
Acq: 14 Aug 2020 00:09

Tgt Ion: 91 Resp: 1116927

Ion Ratio Lower Upper

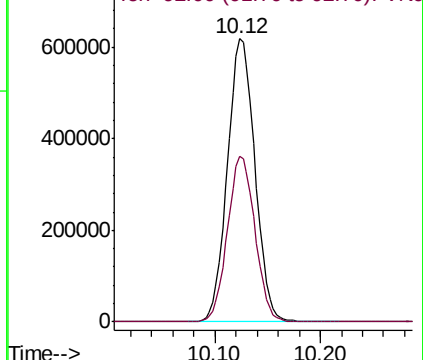
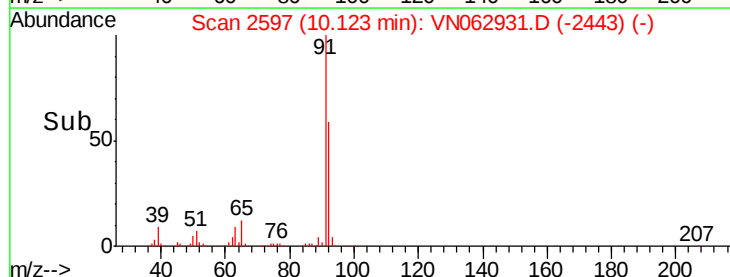
91 100

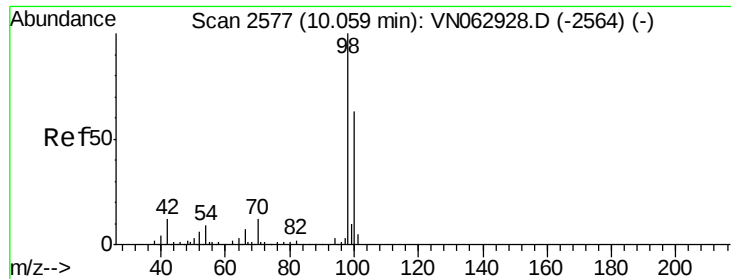
92 58.5 45.2 67.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 29.216 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

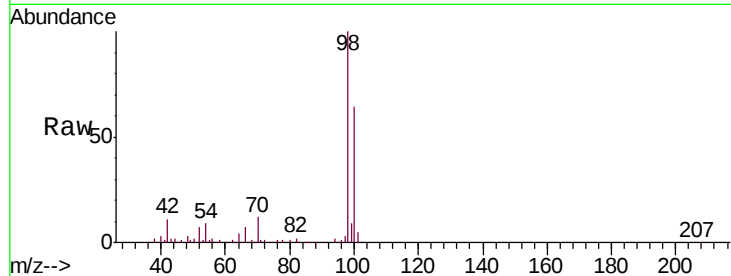
VSTDIC150

Tgt Ion: 98 Resp: 205022

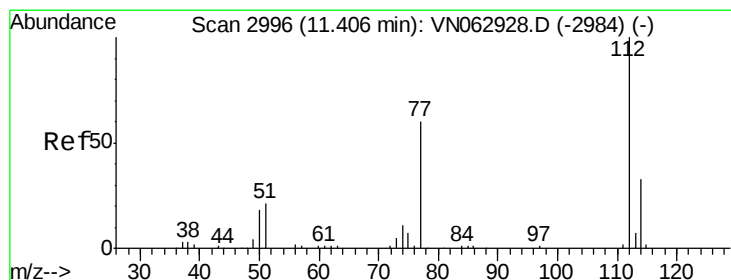
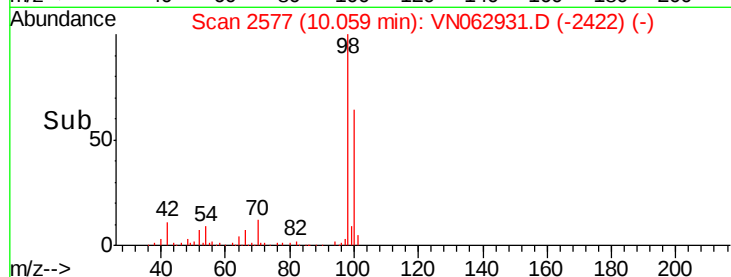
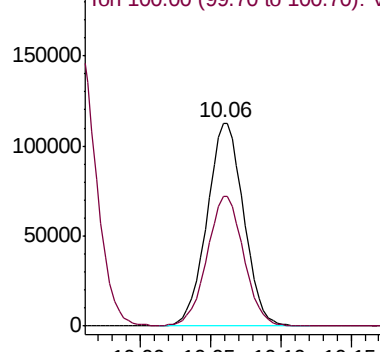
Ion Ratio Lower Upper

98 100

100 64.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN062928.D (-2564) (-)



#64

Chlorobenzene

Concen: 146.535 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062931.D

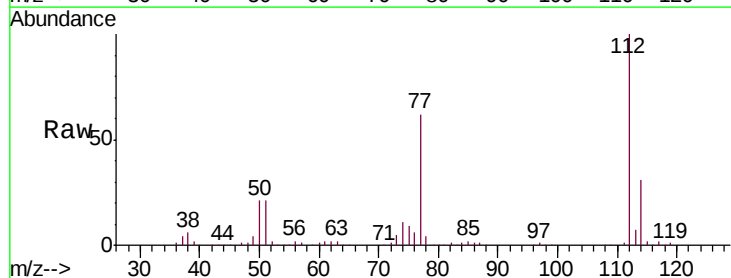
Acq: 14 Aug 2020 00:09

Tgt Ion: 112 Resp: 724451

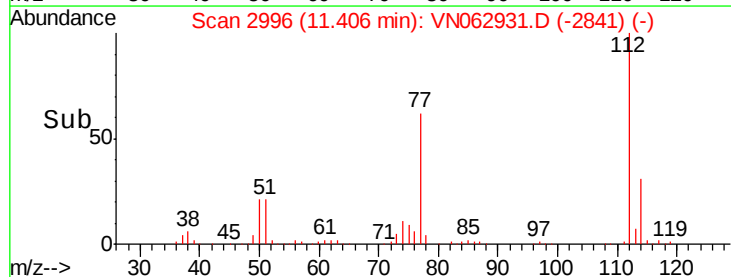
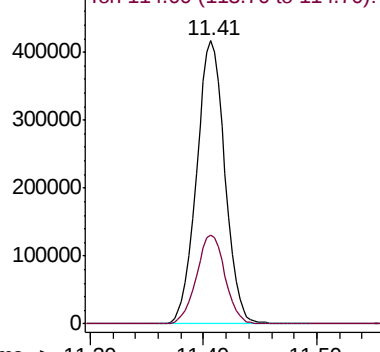
Ion Ratio Lower Upper

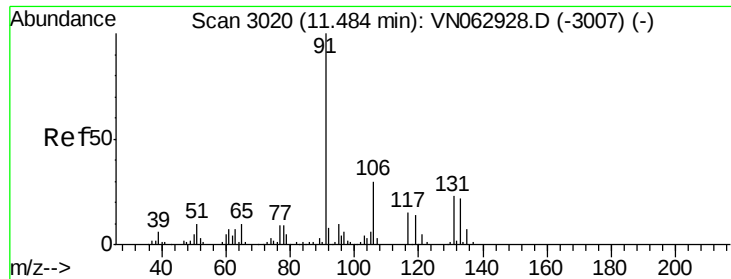
112 100

114 31.4 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VN062928.D (-2984) (-)

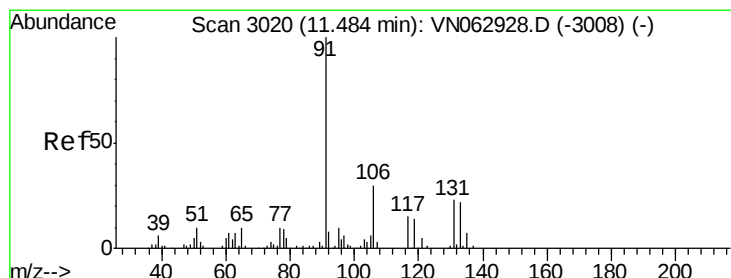
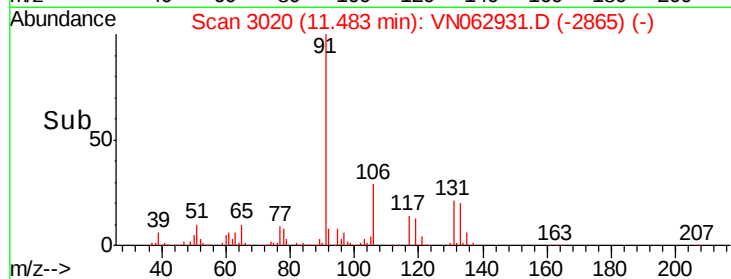
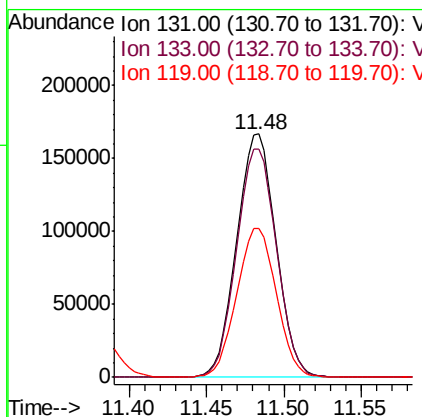
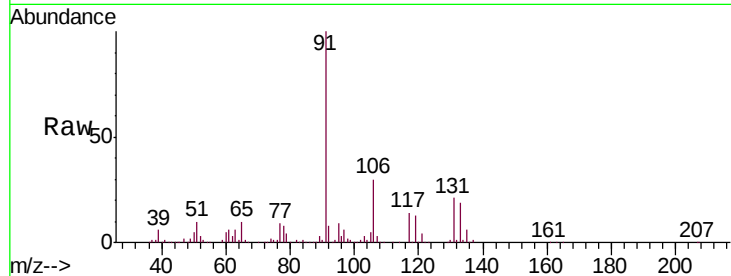




#65
 1,1,1,2-Tetrachloroethane
 Concen: 157.395 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

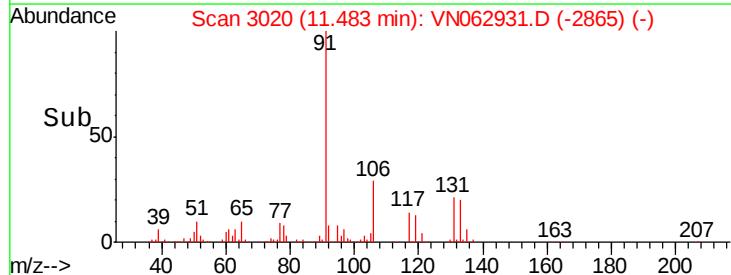
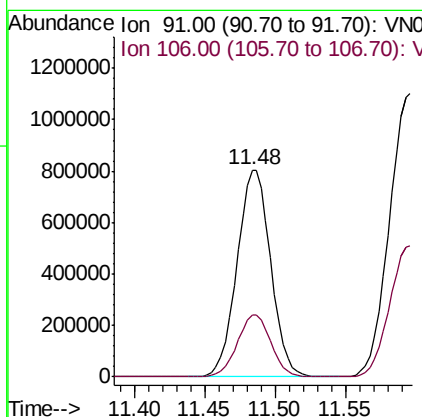
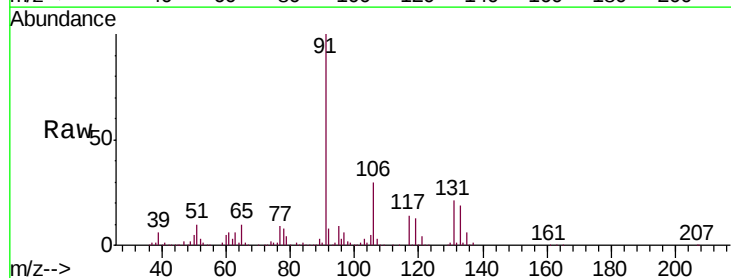
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC150

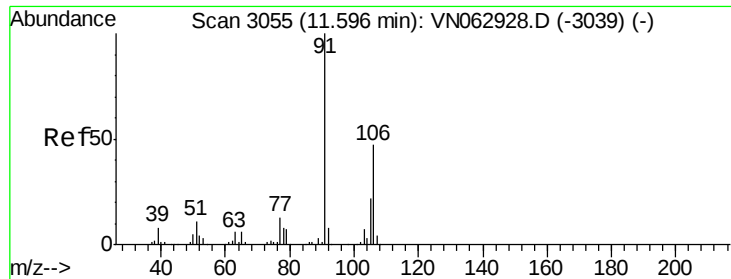
Tgt Ion:131 Resp: 295233
 Ion Ratio Lower Upper
 131 100
 133 95.4 0.0 192.6
 119 61.8 0.0 125.4



#66
 Ethyl Benzene
 Concen: 146.885 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Tgt Ion: 91 Resp: 1344603
 Ion Ratio Lower Upper
 91 100
 106 29.9 24.0 36.0





#67

m/p-Xylenes

Concen: 295.141 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

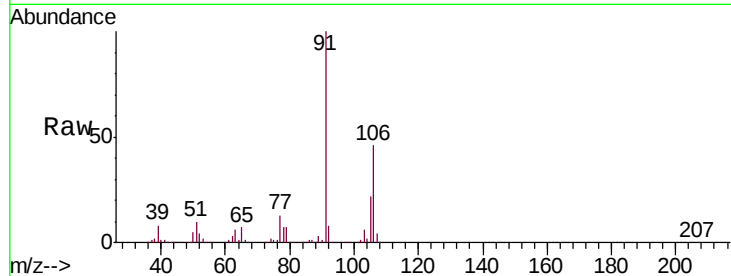
VSTDIC150

Tgt Ion:106 Resp: 993470

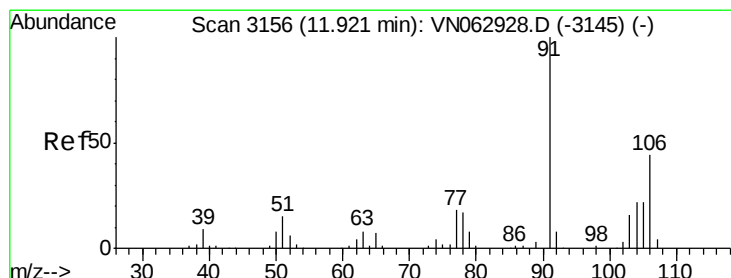
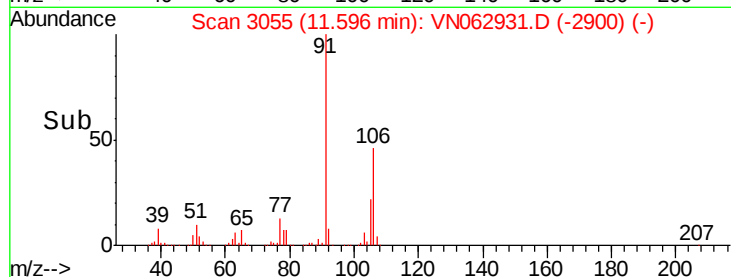
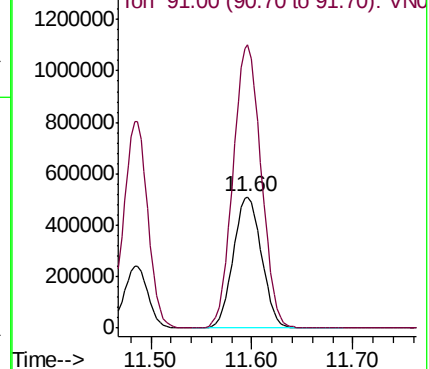
Ion Ratio Lower Upper

106 100

91 215.0 171.0 256.6



Abundance Ion 106.00 (105.70 to 106.70): V



#68

o-Xylene

Concen: 151.281 ug/l

RT: 11.92 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VN062931.D

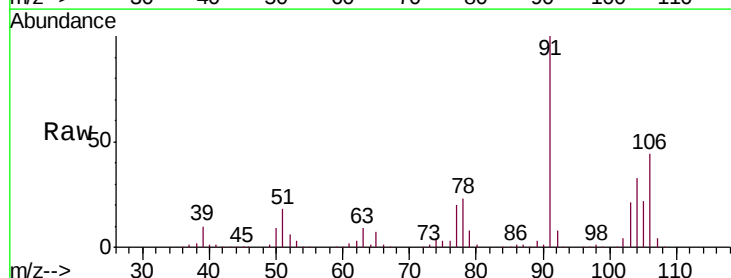
Acq: 14 Aug 2020 00:09

Tgt Ion:106 Resp: 484806

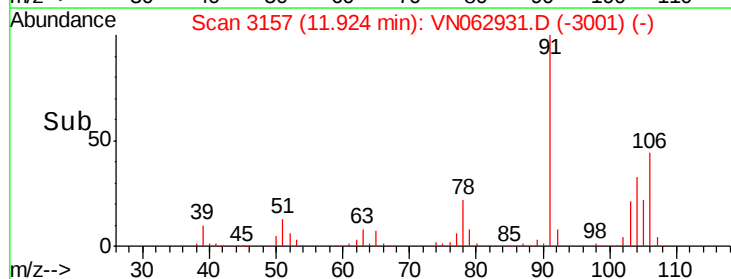
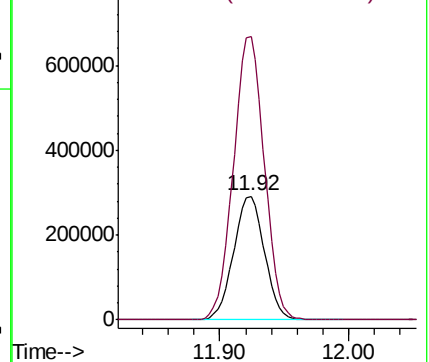
Ion Ratio Lower Upper

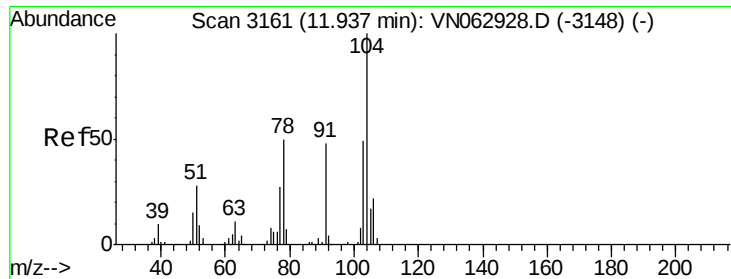
106 100

91 229.2 115.4 346.2



Abundance Ion 106.00 (105.70 to 106.70): V

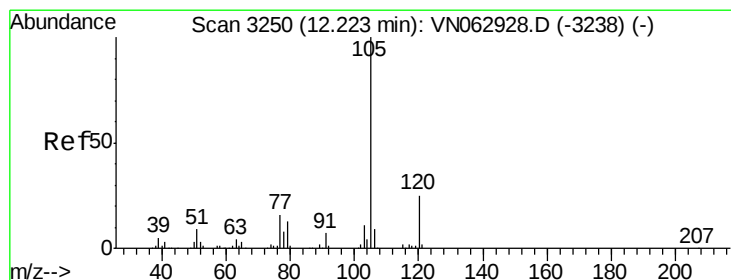
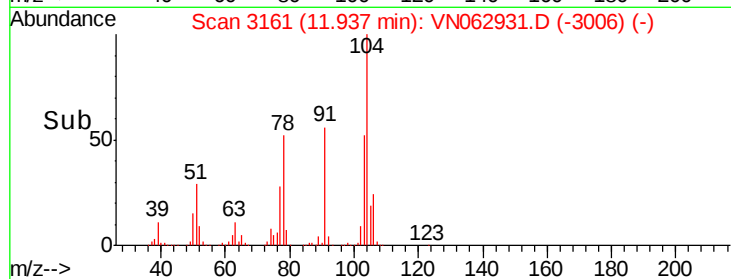
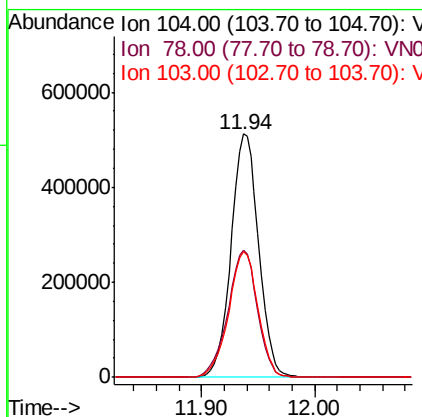
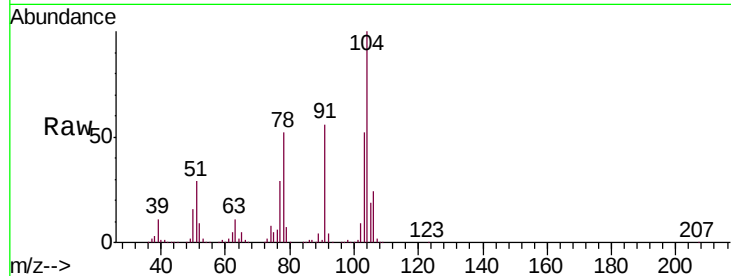




#69
Styrene
Concen: 157.369 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

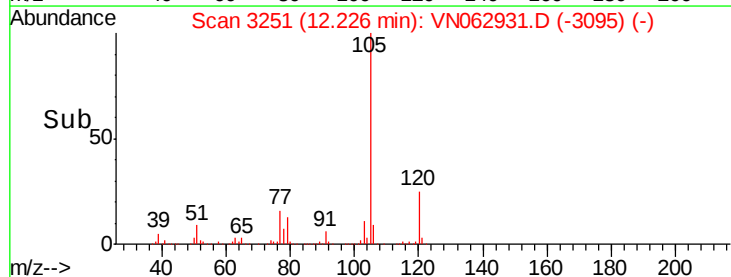
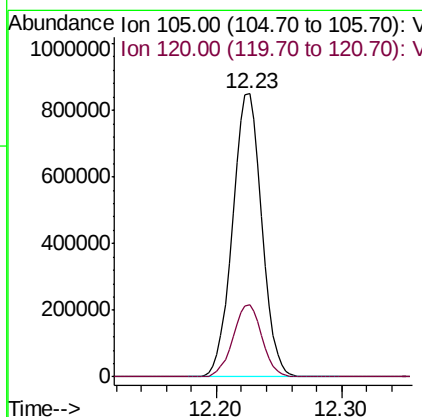
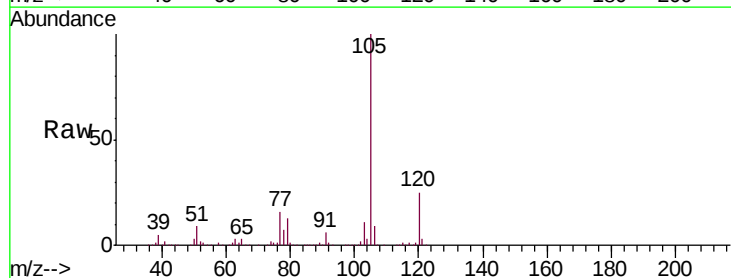
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC150

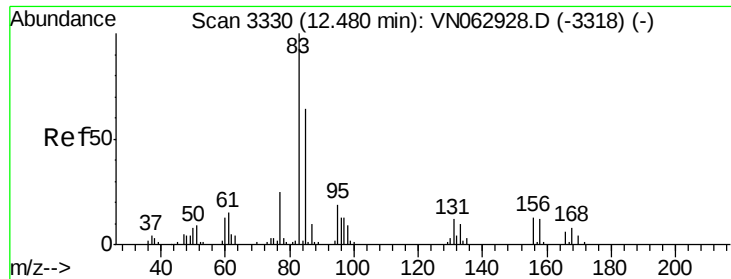
Tgt Ion:104 Resp: 868825
Ion Ratio Lower Upper
104 100
78 56.0 44.4 66.6
103 55.1 44.0 66.0



#70
Isopropylbenzene
Concen: 157.464 ug/l
RT: 12.23 min Scan# 3251
Delta R.T. 0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

Tgt Ion:105 Resp: 1372362
Ion Ratio Lower Upper
105 100
120 25.4 18.0 33.4

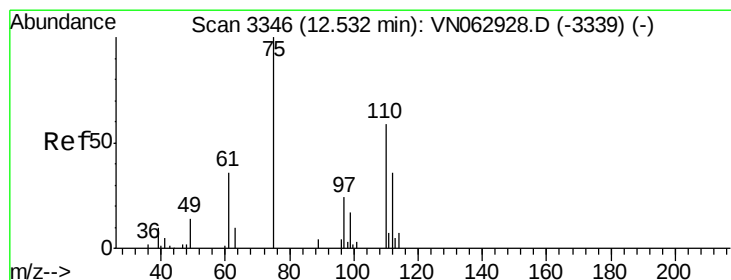
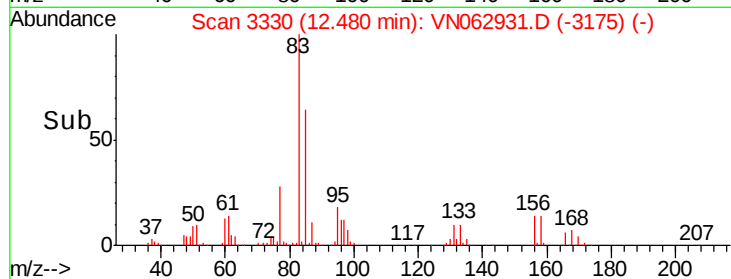
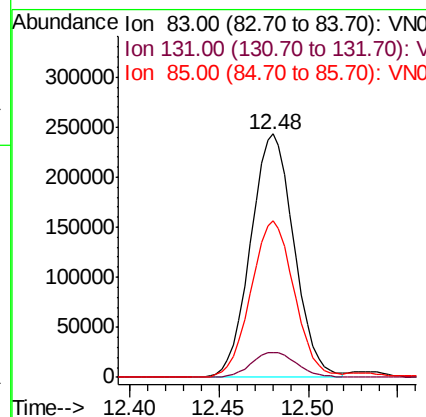
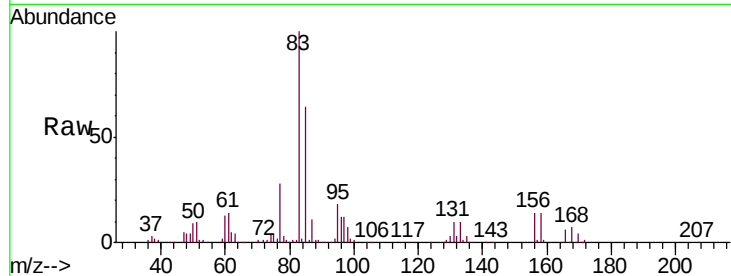




#71
 1,1,2,2-Tetrachloroethane
 Concen: 146.133 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

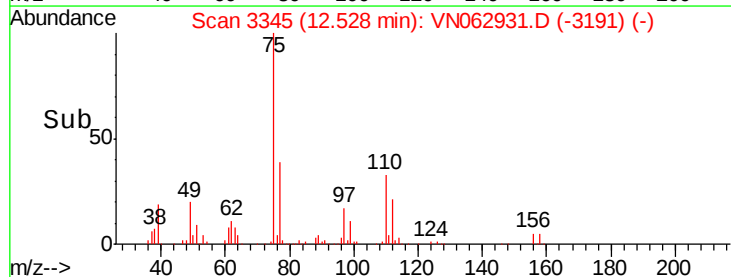
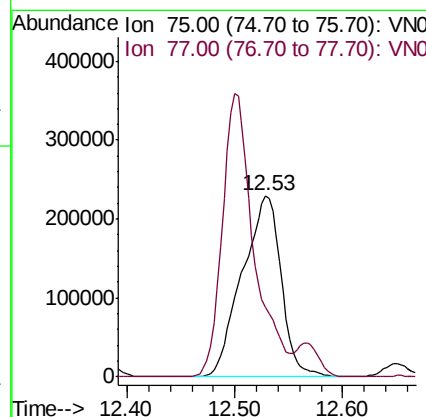
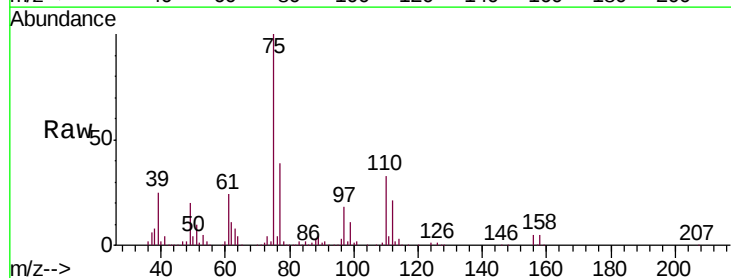
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC150

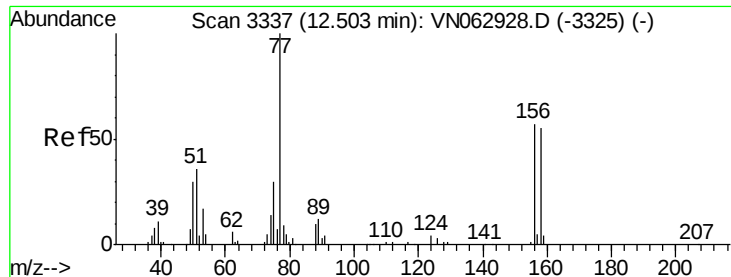
Tgt Ion: 83 Resp: 413399
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.5 16.4
 85 64.0 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 206.521 ug/l
 RT: 12.53 min Scan# 3346
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Tgt Ion: 75 Resp: 577208
 Ion Ratio Lower Upper
 75 100
 77 127.0 0.0 313.0





#73

Bromobenzene

Concen: 159.478 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC150

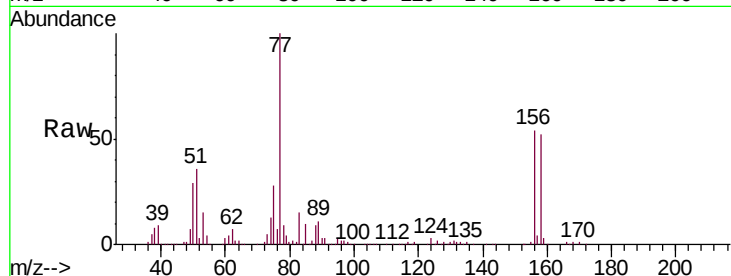
Tgt Ion:156 Resp: 326124

Ion Ratio Lower Upper

156 100

77 224.7 0.0 448.4

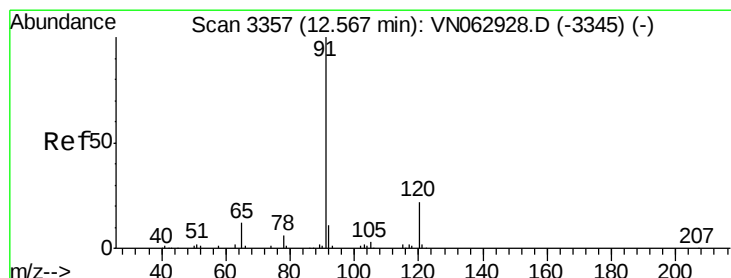
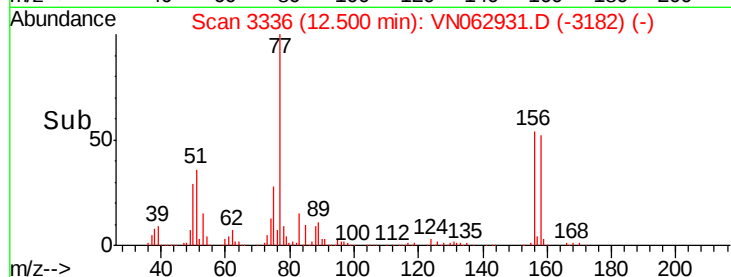
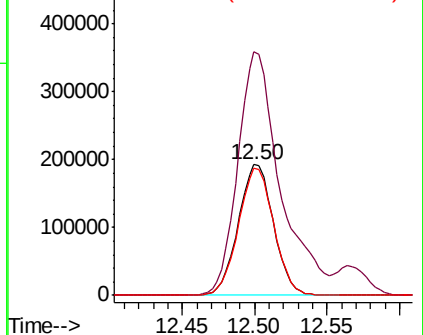
158 97.4 0.0 195.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 154.470 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062931.D

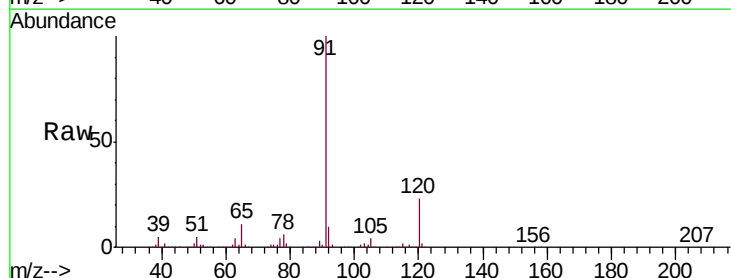
Acq: 14 Aug 2020 00:09

Tgt Ion: 91 Resp: 1591718

Ion Ratio Lower Upper

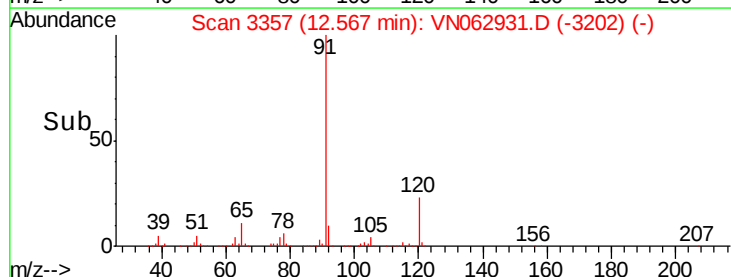
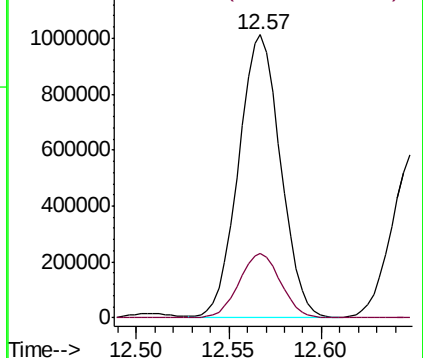
91 100

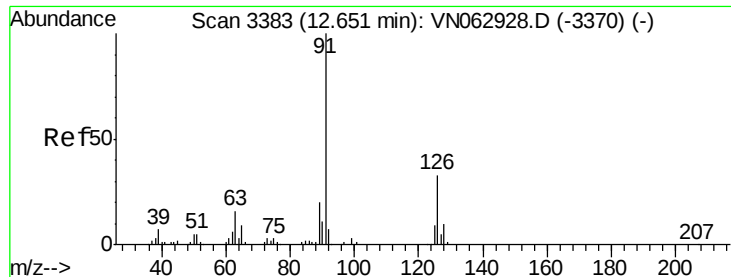
120 22.7 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 154.963 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

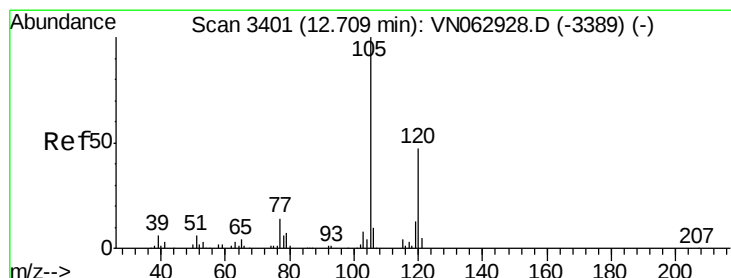
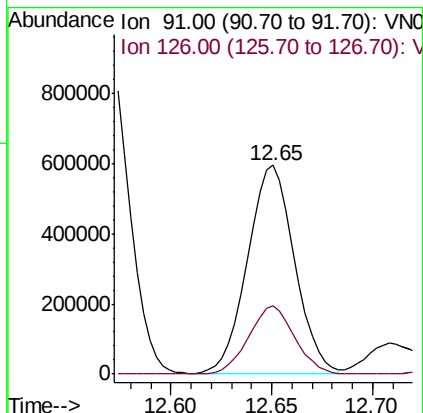
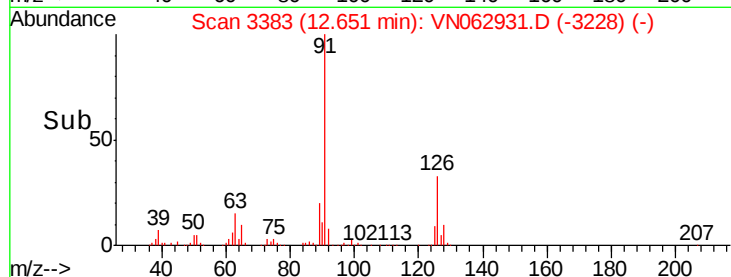
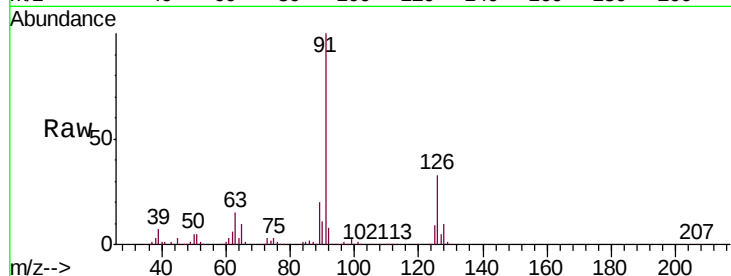
VSTDIC150

Tgt Ion: 91 Resp: 971548

Ion Ratio Lower Upper

91 100

126 32.0 0.0 63.0



#76

1,3,5-Trimethylbenzene

Concen: 163.911 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062931.D

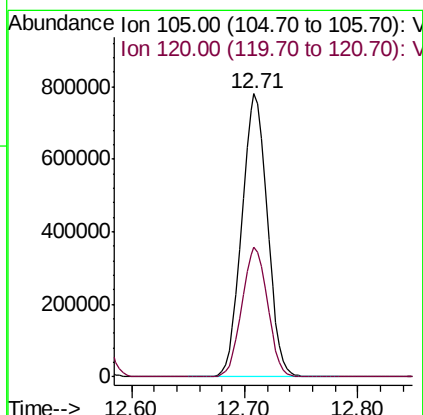
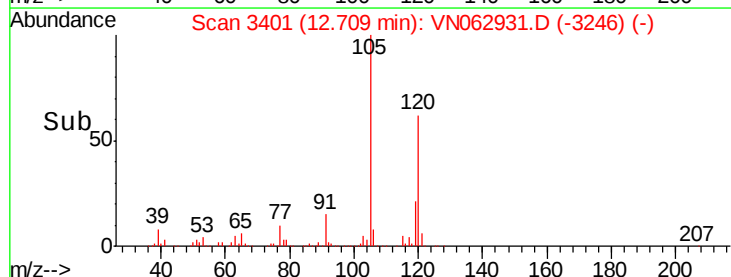
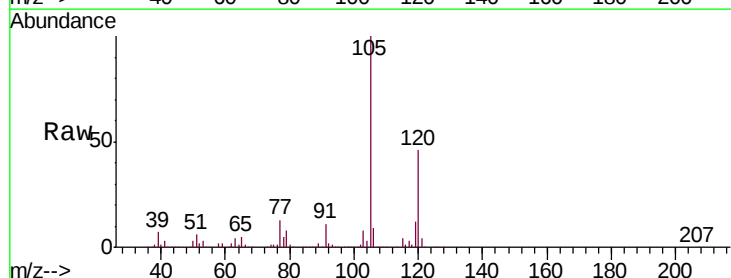
Acq: 14 Aug 2020 00:09

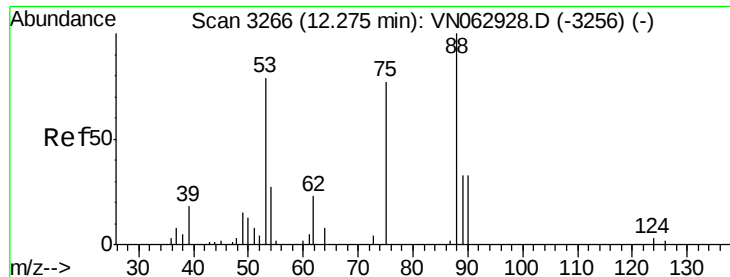
Tgt Ion: 105 Resp: 1229208

Ion Ratio Lower Upper

105 100

120 46.0 0.0 92.4





#77

t-1,4-Dichloro-2-butene

Concen: 144.400 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC150

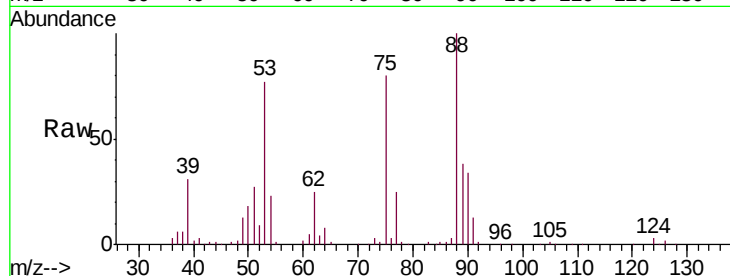
Tgt Ion: 75 Resp: 144299

Ion Ratio Lower Upper

75 100

53 96.3 52.3 157.1

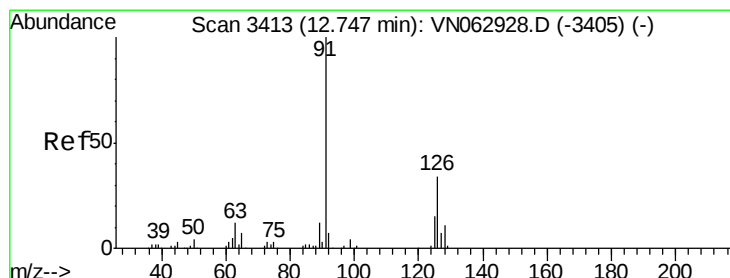
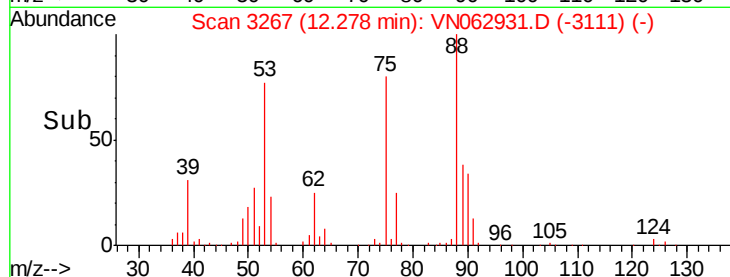
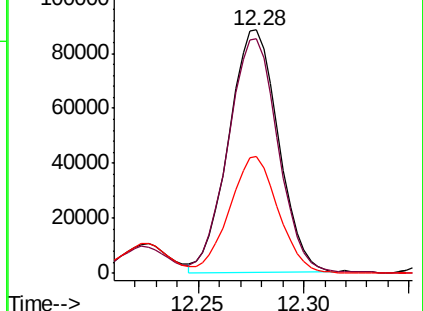
89 47.8 23.4 70.3



Abundance Ion 75.00 (74.70 to 75.70): VN062928.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062928.D (-3256) (-)

Ion 89.00 (88.70 to 89.70): VN062928.D (-3256) (-)



#78

4-Chlorotoluene

Concen: 160.345 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062931.D

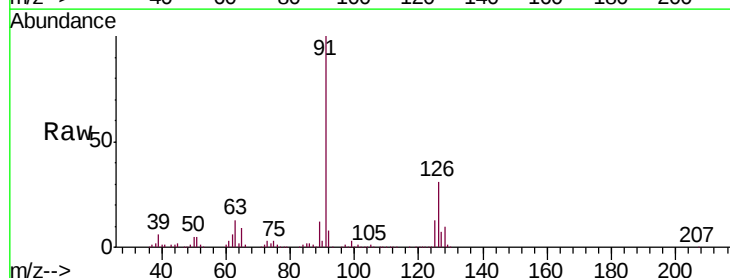
Acq: 14 Aug 2020 00:09

Tgt Ion: 91 Resp: 1022777

Ion Ratio Lower Upper

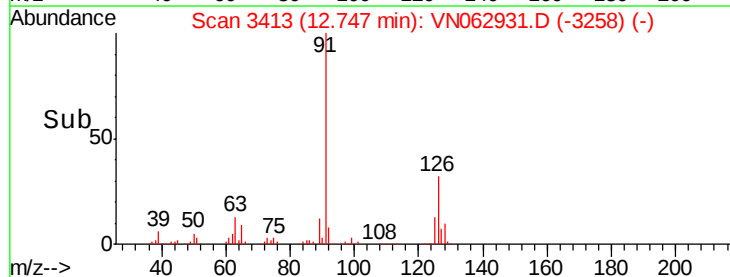
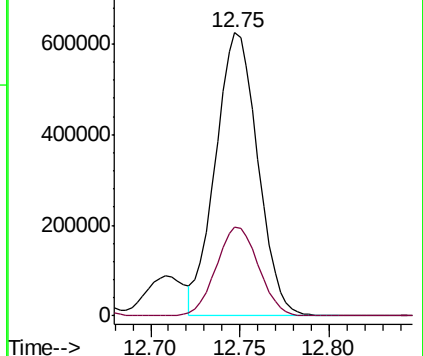
91 100

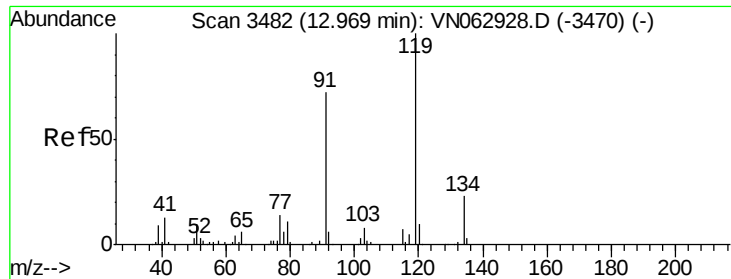
126 31.5 0.0 63.0



Abundance Ion 91.00 (90.70 to 91.70): VN062928.D (-3405) (-)

Ion 126.00 (125.70 to 126.70): VN062928.D (-3405) (-)

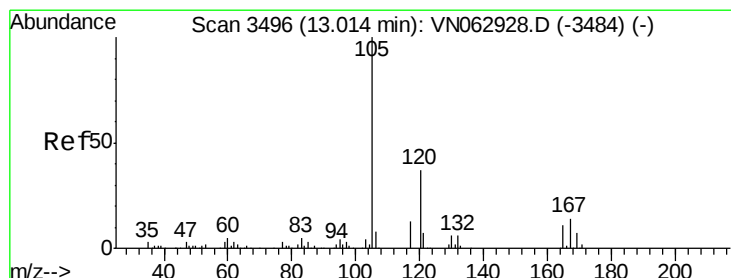
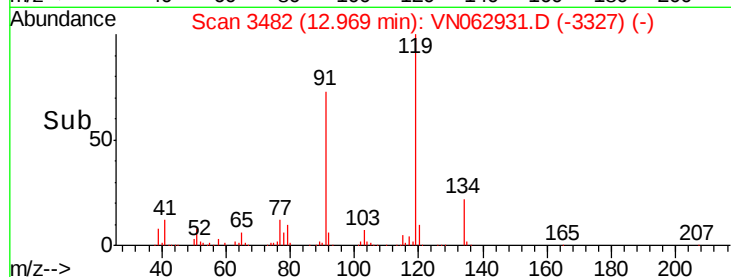
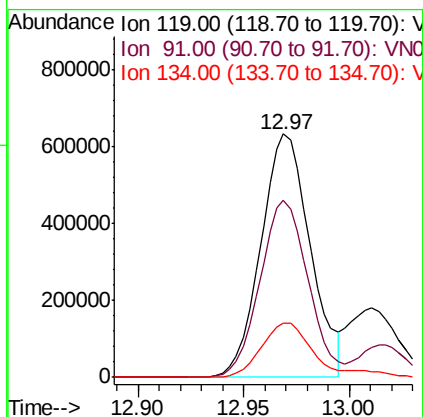
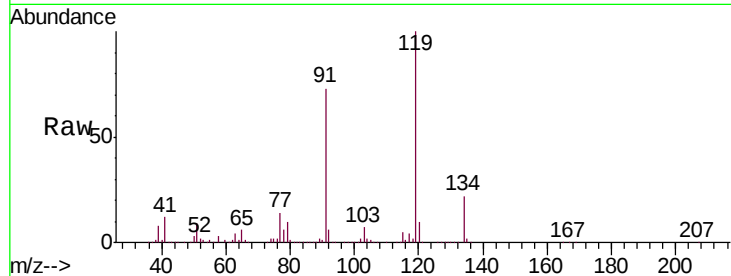




#79
tert-butylbenzene
Concen: 166.800 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

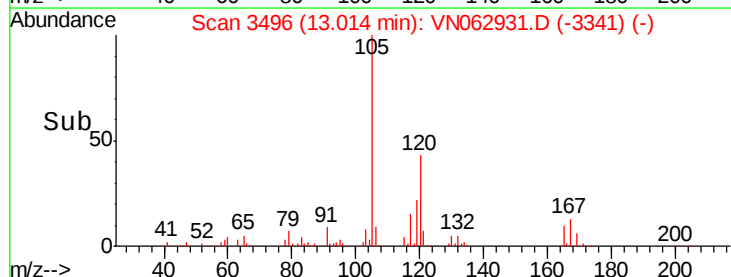
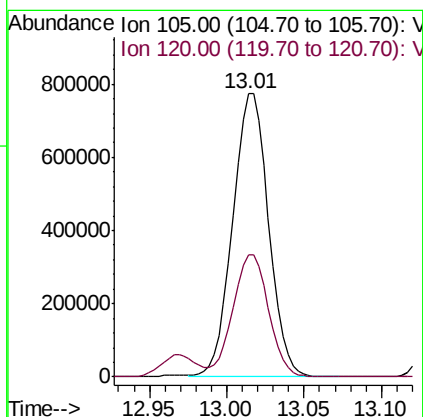
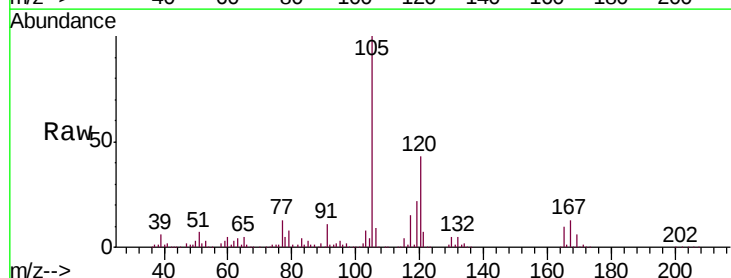
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC150

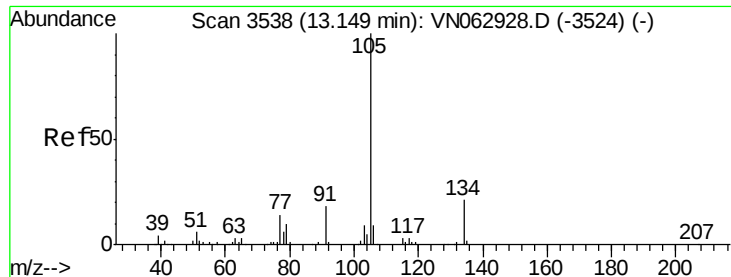
Tgt Ion:119 Resp: 1032112
Ion Ratio Lower Upper
119 100
91 70.9 0.0 145.0
134 22.3 0.0 44.6



#80
1,2,4-Trimethylbenzene
Concen: 169.249 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

Tgt Ion:105 Resp: 1242068
Ion Ratio Lower Upper
105 100
120 42.9 0.0 86.6

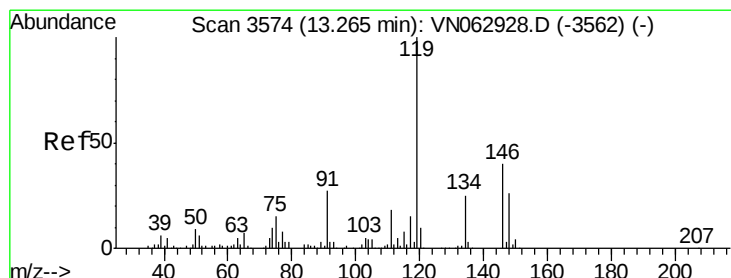
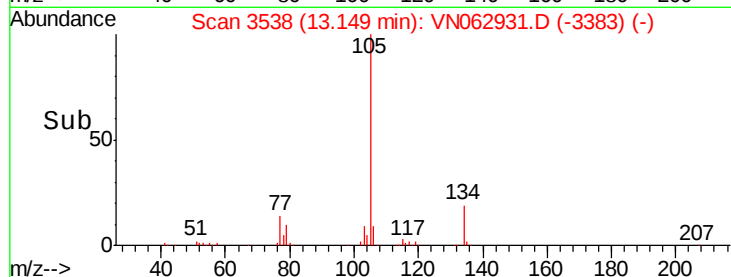
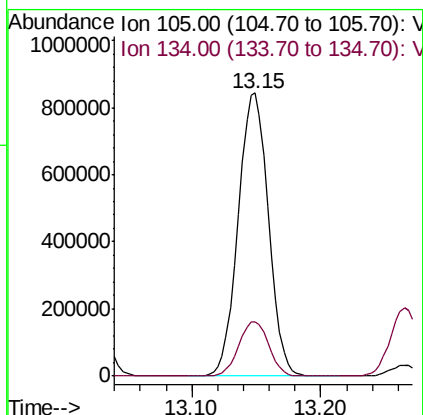
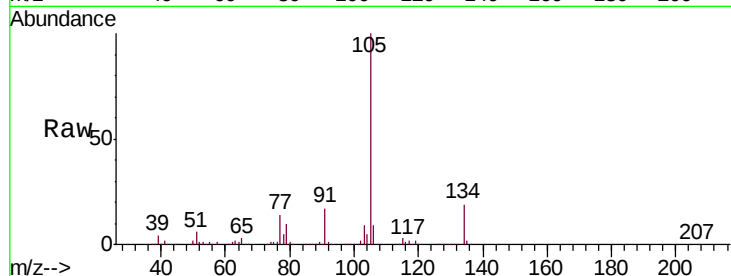




#81
 sec-Butylbenzene
 Concen: 165.476 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

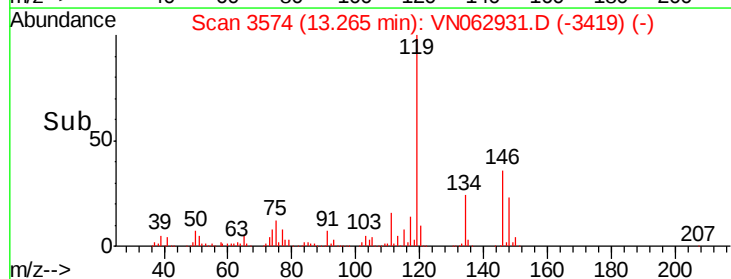
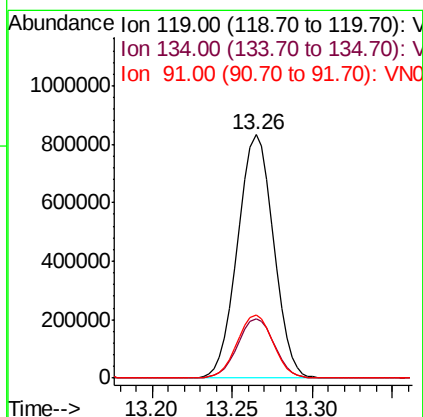
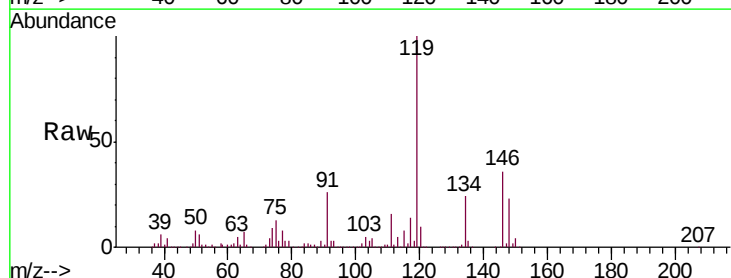
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC150

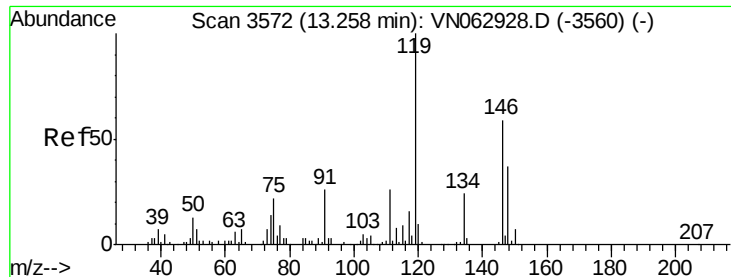
Tgt Ion:105 Resp: 1371317
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 173.199 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Tgt Ion:119 Resp: 1269148
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 49.6
 91 26.1 0.0 53.6

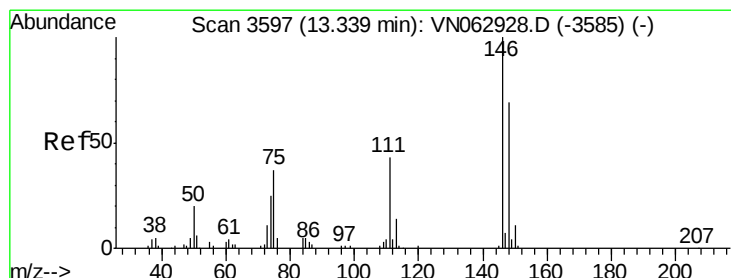
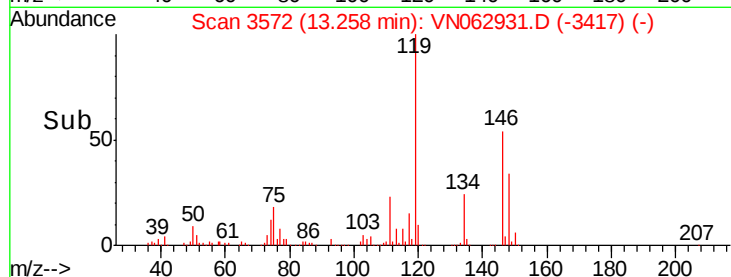
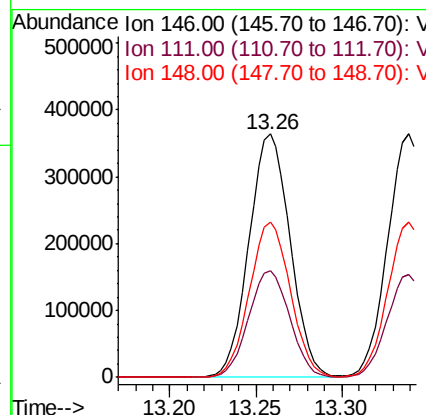
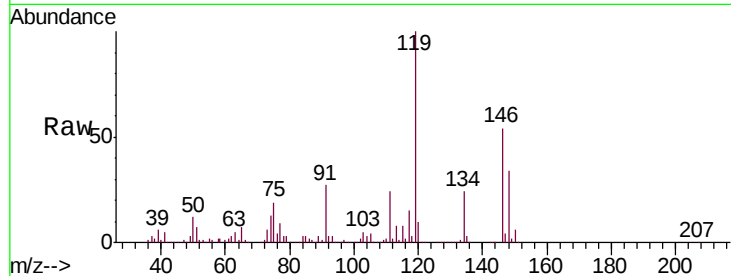




#83
 1,3-Dichlorobenzene
 Concen: 169.998 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

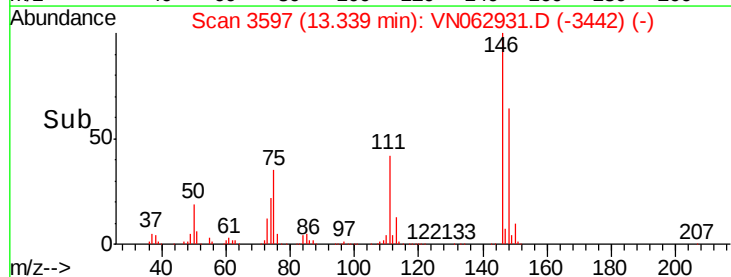
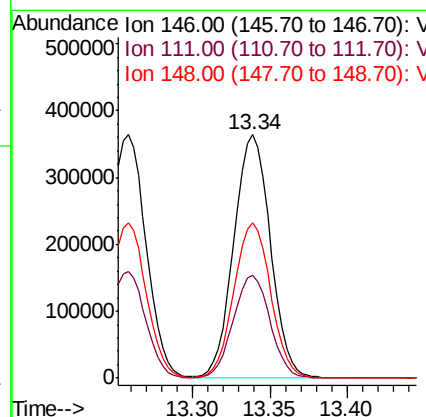
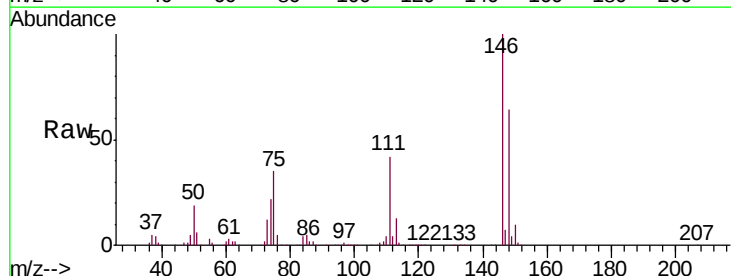
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC150

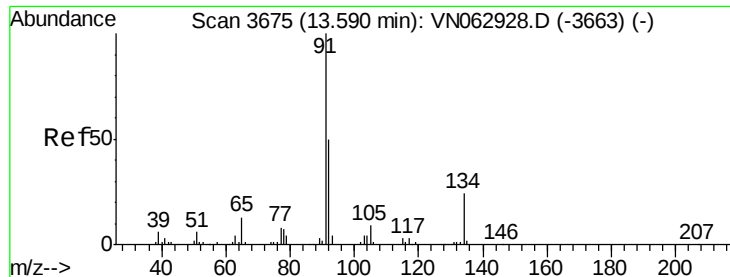
Tgt Ion:146 Resp: 604743
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.4 67.2
 148 63.4 31.6 94.7



#84
 1,4-Dichlorobenzene
 Concen: 170.571 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Tgt Ion:146 Resp: 597473
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.6 64.8
 148 63.8 33.3 99.9

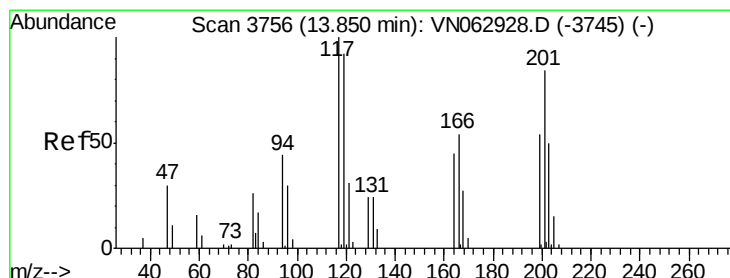
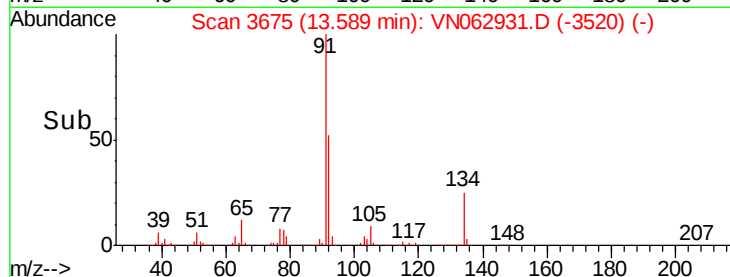
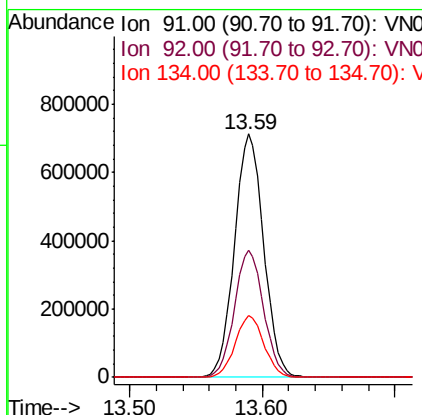
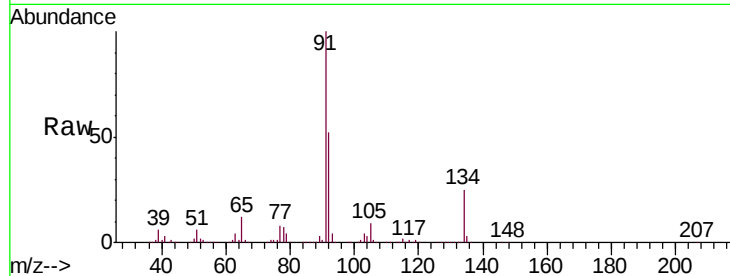




#85
n-Butylbenzene
Concen: 175.851 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

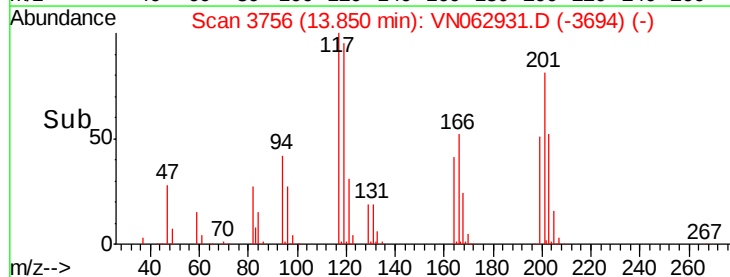
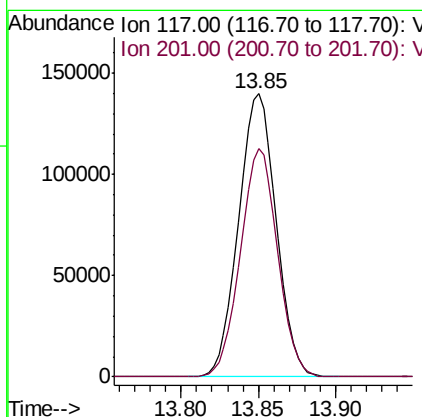
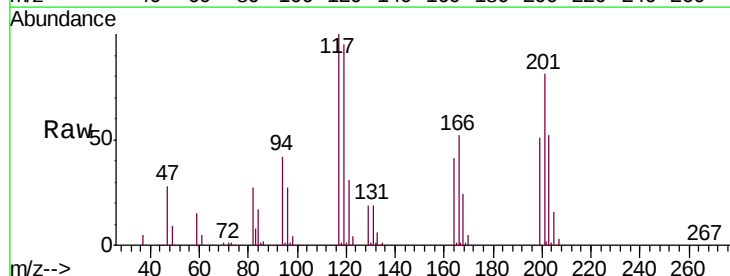
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC150

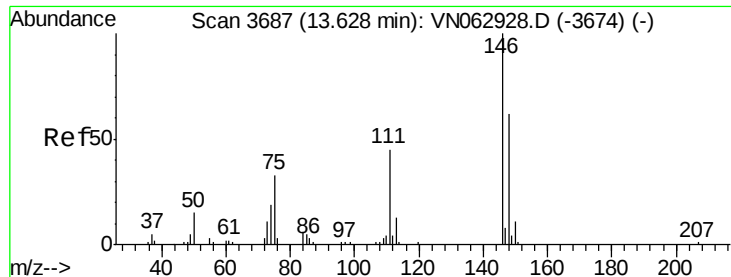
Tgt Ion: 91 Resp: 1089908
Ion Ratio Lower Upper
91 100
92 52.0 0.0 97.2
134 24.9 0.0 48.4



#86
Hexachloroethane
Concen: 164.402 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

Tgt Ion: 117 Resp: 236216
Ion Ratio Lower Upper
117 100
201 79.8 40.9 122.7





#87

1,2-Dichlorobenzene

Concen: 168.849 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC150

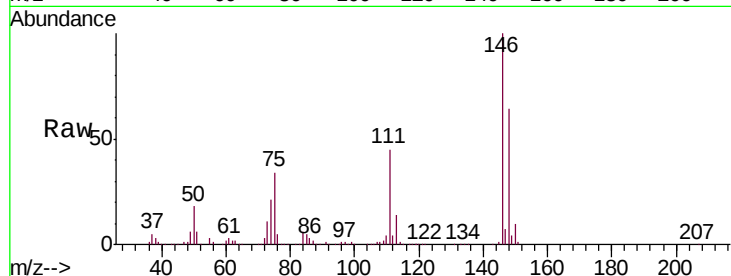
Tgt Ion:146 Resp: 578786

Ion Ratio Lower Upper

146 100

111 44.8 23.3 69.8

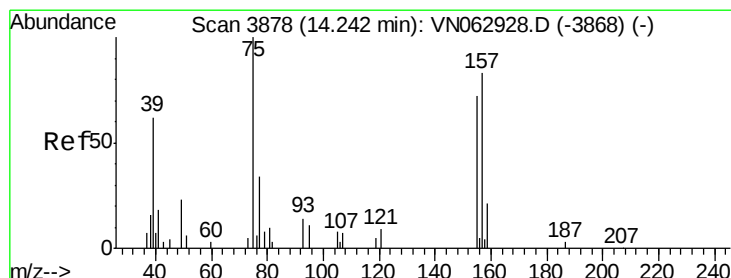
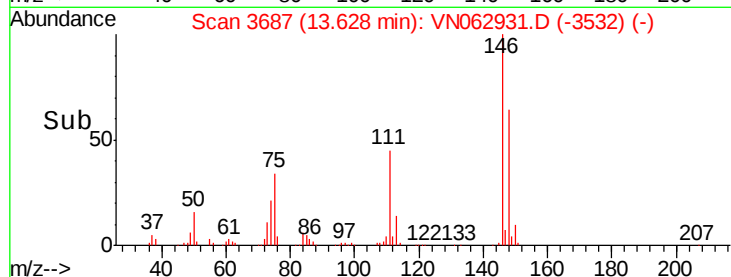
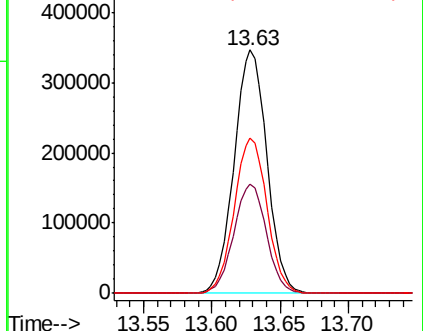
148 63.9 31.3 93.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 196.343 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN062931.D

Acq: 14 Aug 2020 00:09

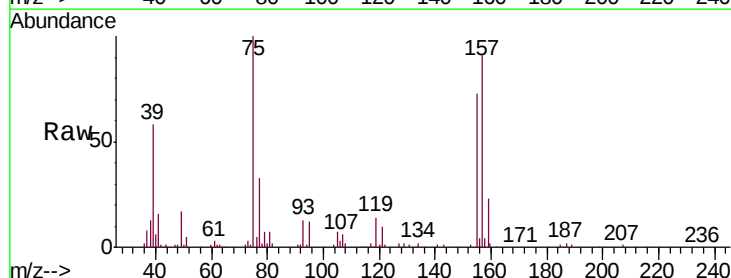
Tgt Ion: 75 Resp: 105487

Ion Ratio Lower Upper

75 100

155 70.6 59.8 89.8

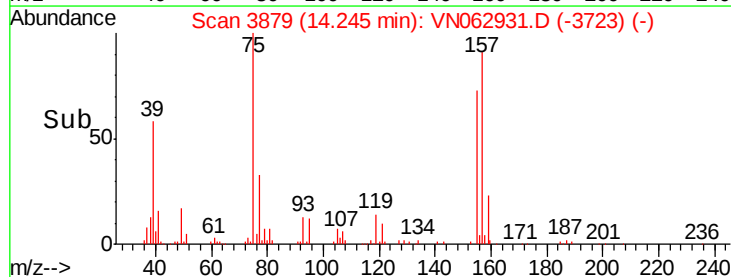
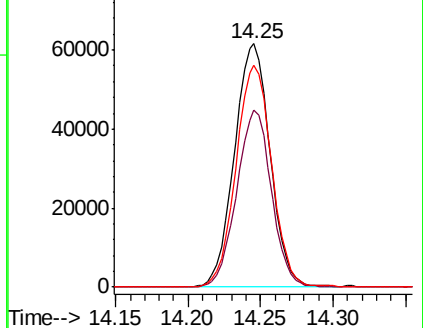
157 90.8 71.6 107.4

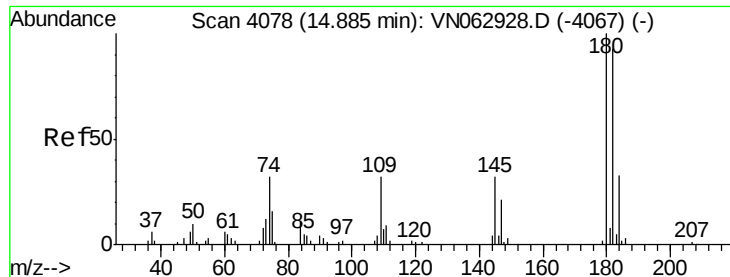


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

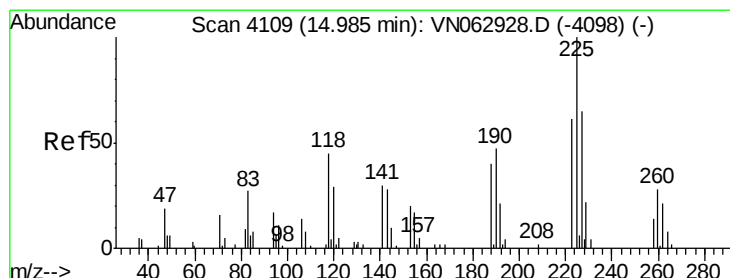
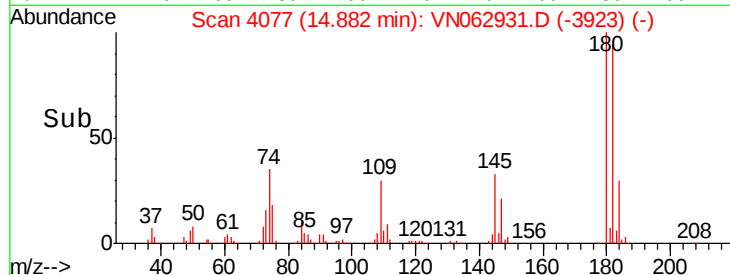
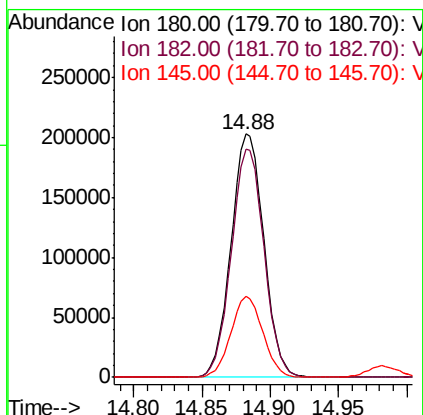
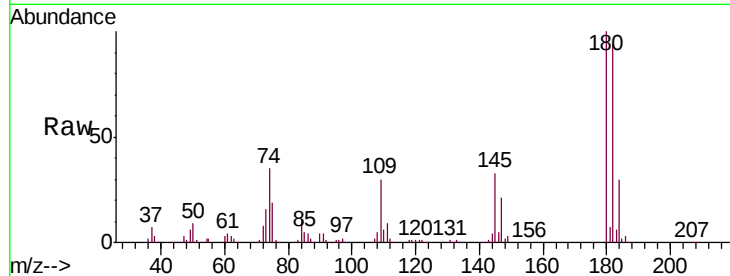




#89
 1,2,4-Trichlorobenzene
 Concen: 203.992 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

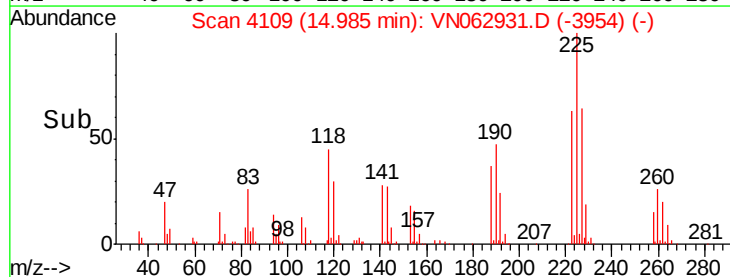
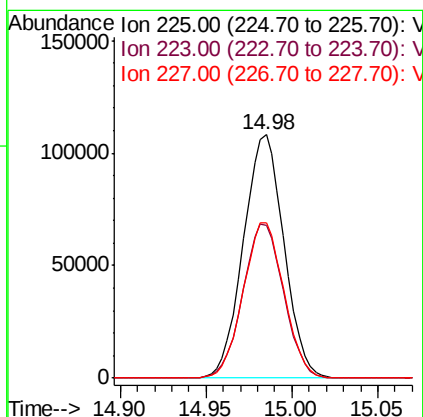
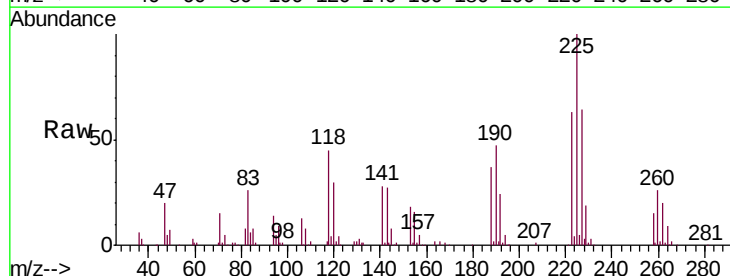
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC150

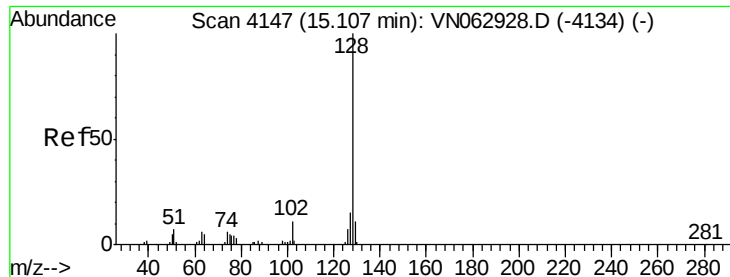
Tgt Ion:180 Resp: 339642
 Ion Ratio Lower Upper
 180 100
 182 93.3 75.3 112.9
 145 32.4 25.4 38.2



#90
 Hexachlorobutadiene
 Concen: 182.555 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN062931.D
 Acq: 14 Aug 2020 00:09

Tgt Ion:225 Resp: 177237
 Ion Ratio Lower Upper
 225 100
 223 63.4 0.0 129.8
 227 63.9 0.0 133.6

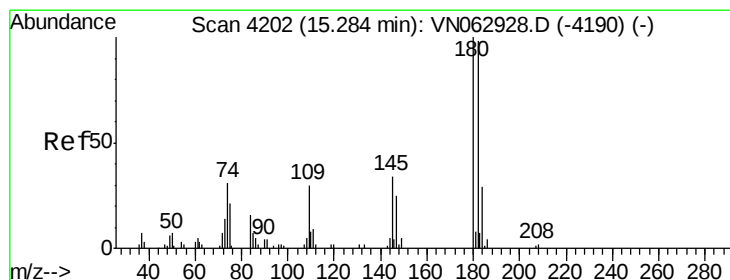
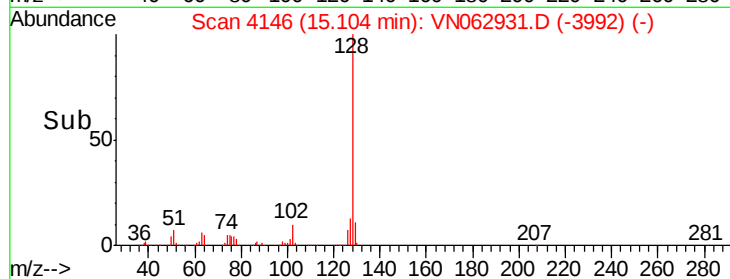
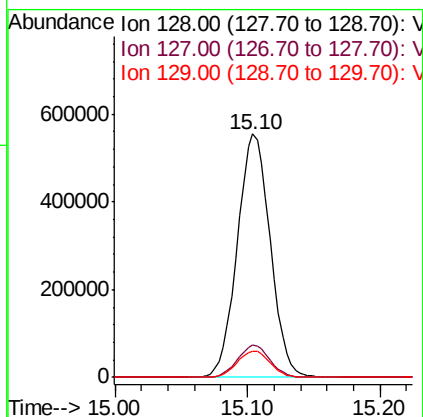
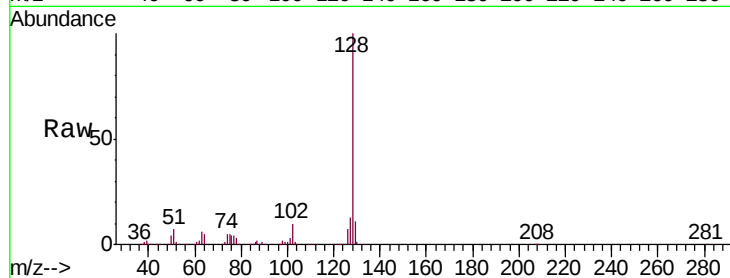




#91
Naphthalene
Concen: 214.679 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 956742
Ion Ratio Lower Upper
128 100
127 13.1 11.6 17.4
129 10.8 8.4 12.6



#92
1,2,3-Trichlorobenzene
Concen: 199.277 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062931.D
Acq: 14 Aug 2020 00:09

Tgt Ion:180 Resp: 333180
Ion Ratio Lower Upper
180 100
182 94.7 0.0 196.4
145 34.8 0.0 71.4

