

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071420\
 Data File : VN062525.D
 Acq On : 14 Jul 2020 14:15
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jul 15 01:07:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	43488	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.54	114	246885	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	226427	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	110539	29.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.63%
60) 4-Bromofluorobenzene	12.37	95	113066	29.34	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.80%
63) Toluene-d8	10.06	98	321752	30.07	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.23%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	51576	20.094	ug/l 95
3) Chloromethane	2.04	50	72300	19.507	ug/l 98
4) Vinyl Chloride	2.16	62	64985	20.058	ug/l 99
5) Bromomethane	2.54	94	31575	19.645	ug/l 94
6) Chloroethane	2.67	64	27209	17.060	ug/l 91
7) Trichlorofluoromethane	2.98	101	74129	19.522	ug/l 96
8) Diethyl Ether	3.37	74	34816	19.073	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49410	20.129	ug/l 99
10) 1,1-Dichloroethene	3.69	96	49284	19.680	ug/l 98
11) Methyl Iodide	3.91	142	59356	19.355	ug/l 97
12) Methyl Acetate	4.27	43	60586	18.039	ug/l 99
13) Acrolein	3.56	56	43793	87.272	ug/l 97
14) Acrylonitrile	4.92	53	138096	88.409	ug/l 99
15) Acetone	3.77	58	39030	81.397	ug/l 97
16) Carbon Disulfide	4.01	76	156928	19.229	ug/l 99
17) Allyl chloride	4.27	41	107444	20.174	ug/l 97
18) Methylene Chloride	4.50	84	60191	19.534	ug/l 95
19) trans-1,2-Dichloroethene	4.99	96	53510	19.306	ug/l 98
20) Diisopropyl ether	5.90	45	216708	19.793	ug/l 97
21) 1,1-Dichloroethane	5.79	63	112760	19.480	ug/l 99
22) cis-1,2-Dichloroethene	6.77	96	61549	19.691	ug/l 99
23) tert-Butyl Alcohol	4.72	59	45542	87.121	ug/l # 100
24) Methyl tert-Butyl Ether	4.98	73	173568	18.799	ug/l # 55
25) Chloroform	7.32	83	105217	19.821	ug/l 98
26) Cyclohexane	7.61	56	100977	19.792	ug/l # 97
29) 1,1-Dichloropropene	7.75	75	81582	19.481	ug/l 99
30) 2-Butanone	6.78	43	186999	84.198	ug/l 98
31) 2,2-Dichloropropane	6.77	77	91500	19.377	ug/l # 72
32) 1,1,1-Trichloroethane	7.52	97	88043	19.561	ug/l 98
33) Carbon Tetrachloride	7.72	117	76976	19.729	ug/l 98
34) Benzene	8.00	78	242165	19.464	ug/l 98
35) Methacrylonitrile	7.12	41	33600	17.223	ug/l 96
36) 1,2-Dichloroethane	8.08	62	86620	19.371	ug/l 100
37) Trichloroethene	8.80	130	55608	19.899	ug/l 98
38) Methylcyclohexane	9.04	83	90659	19.298	ug/l 99
39) 1,2-Dichloropropane	9.08	63	70870	19.995	ug/l 100
40) Dibromomethane	9.17	93	39446	19.311	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.36	83	84215	19.437	ug/l	100
42) Vinyl Acetate	5.83	43	874553	94.761	ug/l	100
43) Ethyl Acetate	6.88	43	80148	17.950	ug/l	97
44) Isopropyl Acetate	8.12	43	134776	17.990	ug/l	96
45) 1,4-Dioxane	9.16	88	18785	366.557	ug/l	98
46) Methyl methacrylate	9.16	41	64283	18.087	ug/l	98
47) n-amyl Acetate	12.04	43	111038	17.583	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	93443	18.491	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	104802	19.212	ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	54810	19.142	ug/l	99
51) Ethyl methacrylate	10.40	69	86222	17.885	ug/l	97
52) 1,3-Dichloropropane	10.67	76	102263	19.460	ug/l	98
53) Dibromochloromethane	10.87	129	59833	19.180	ug/l	98
54) 1,2-Dibromoethane	10.98	107	55437	18.916	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	133527	86.721	ug/l	100
56) Bromoform	12.10	173	39517	18.546	ug/l	99
58) 4-Methyl-2-Pentanone	9.95	43	395168	89.576	ug/l	100
59) 2-Hexanone	10.72	43	276408	85.432	ug/l	99
61) Tetrachloroethene	10.60	164	47664	20.556	ug/l	95
62) Toluene	10.12	91	255945	19.925	ug/l	99
64) Chlorobenzene	11.40	112	147365	19.524	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	54603	19.543	ug/l	98
66) Ethyl Benzene	11.48	91	275067	19.337	ug/l	99
67) m/p-Xylenes	11.59	106	203056	39.329	ug/l	99
68) o-Xylene	11.92	106	95500	19.274	ug/l	99
69) Styrene	11.94	104	160137	19.042	ug/l	99
70) Isopropylbenzene	12.22	105	260644	19.596	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	79192	18.422	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	72468m	17.331	ug/l	
73) Bromobenzene	12.50	156	58588	19.019	ug/l	98
74) n-propylbenzene	12.56	91	309301	19.563	ug/l	100
75) 2-Chlorotoluene	12.65	91	184983	19.433	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	217999	19.235	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	26727	17.090	ug/l	96
78) 4-Chlorotoluene	12.74	91	187050	19.257	ug/l	99
79) tert-butylbenzene	12.97	119	181395	19.329	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	214893	19.279	ug/l	100
81) sec-Butylbenzene	13.15	105	244685	19.415	ug/l	100
82) p-Isopropyltoluene	13.26	119	212971	19.149	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	104454	19.525	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	101426	19.214	ug/l	99
85) n-Butylbenzene	13.59	91	176392	18.489	ug/l	100
86) Hexachloroethane	13.85	117	39745	18.520	ug/l	97
87) 1,2-Dichlorobenzene	13.62	146	99258	19.295	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	13652	16.816	ug/l	96
89) 1,2,4-Trichlorobenzene	14.88	180	46957	18.336	ug/l	98
90) Hexachlorobutadiene	14.98	225	28076	19.766	ug/l	96
91) Naphthalene	15.10	128	116138	16.726	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	46413	17.982	ug/l	97

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Jul 14 00:52:57 2020
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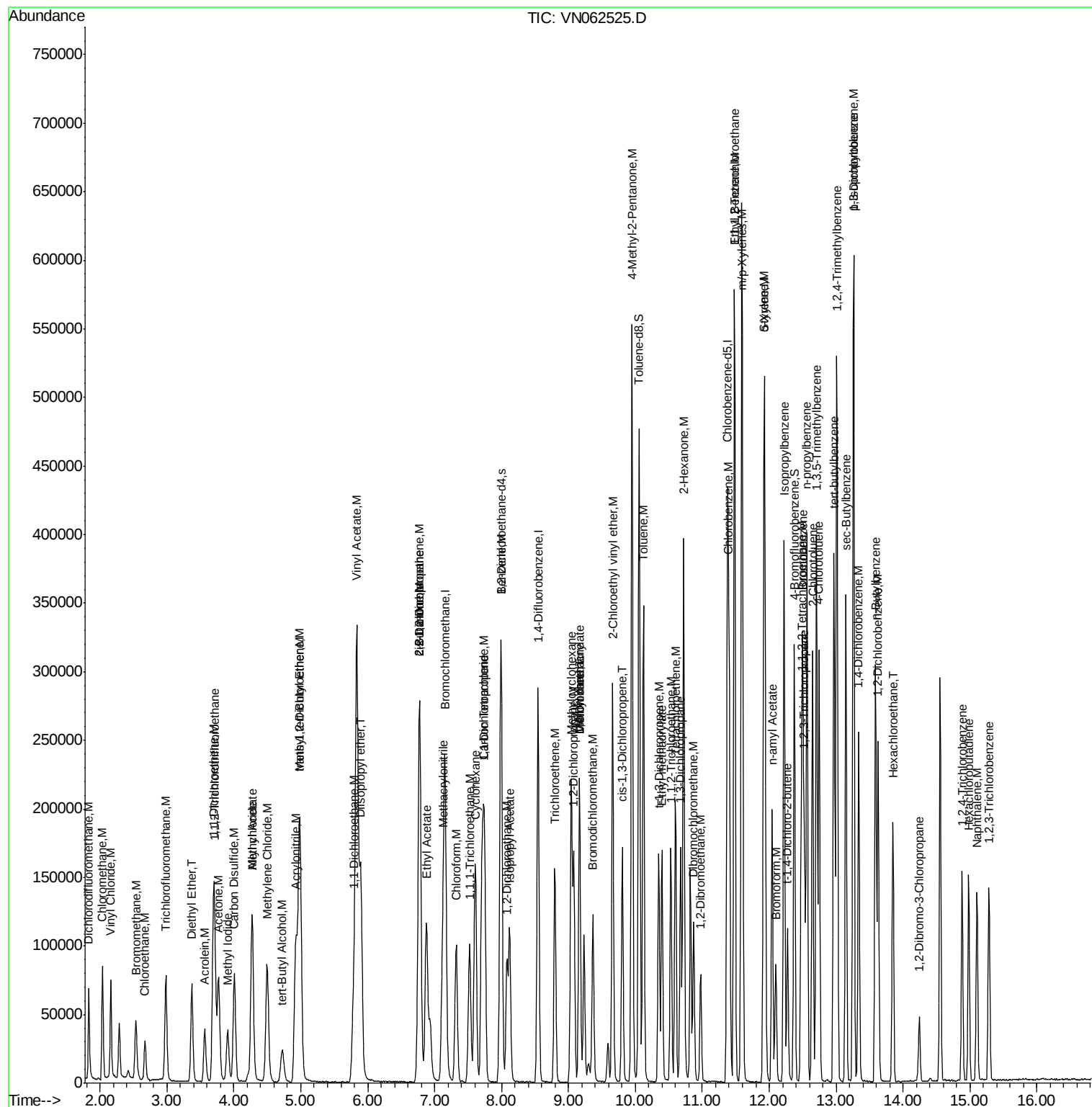
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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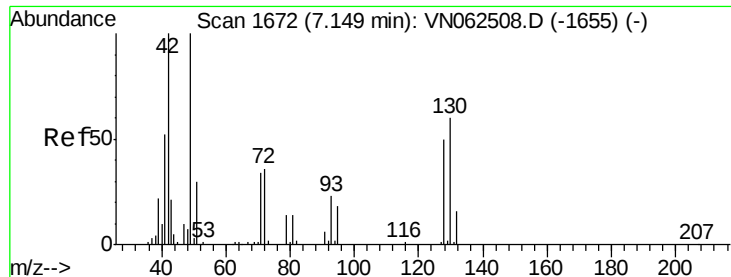
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071420\
Data File : VN062525.D
Acq On : 14 Jul 2020 14:15
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Quant Time: Jul 15 01:07:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Jul 14 00:52:57 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

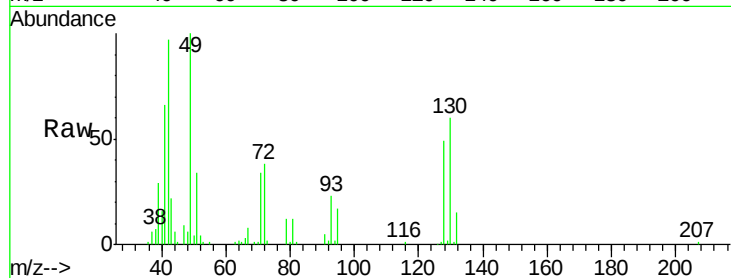
Tot Ion:128 Resp: 43488

Ion Ratio Lower Upper

128 100

49 214.0 0.0 525.0

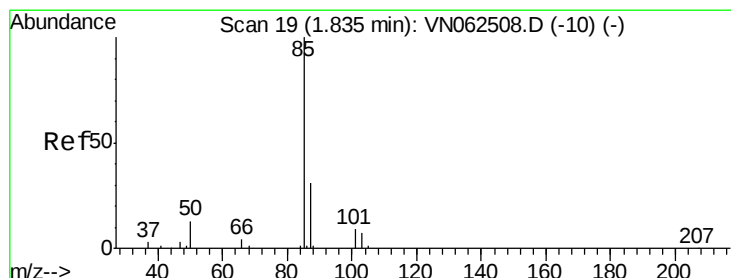
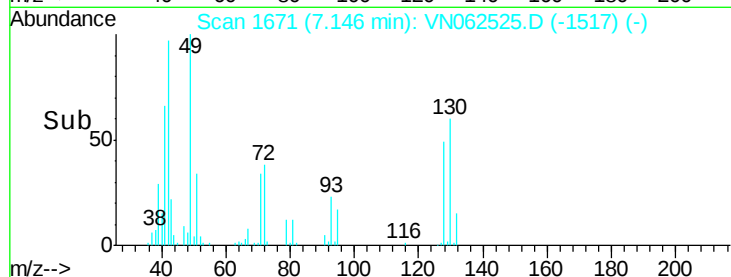
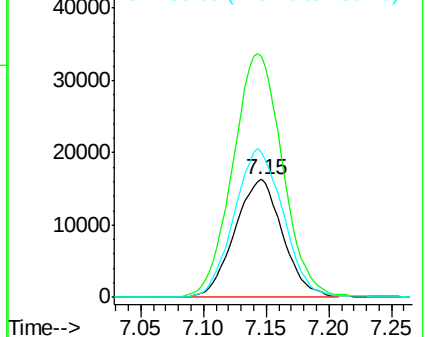
130 128.5 0.0 319.8



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: 20.094 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062525.D

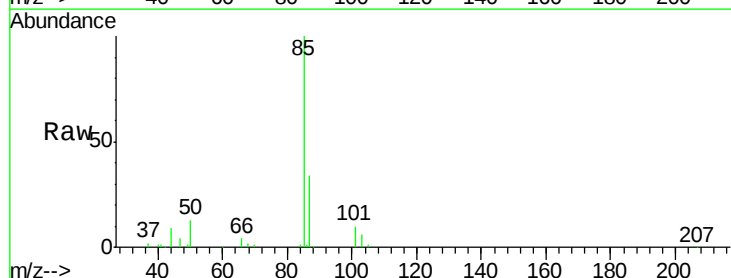
Acq: 14 Jul 2020 14:15

Tgt Ion: 85 Resp: 51576

Ion Ratio Lower Upper

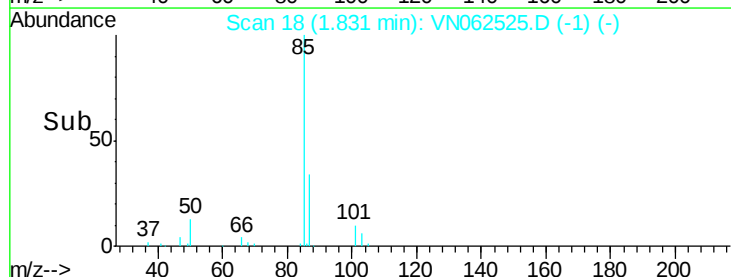
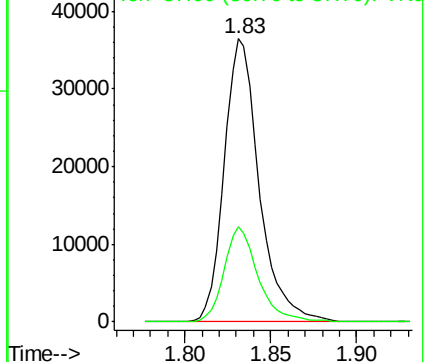
85 100

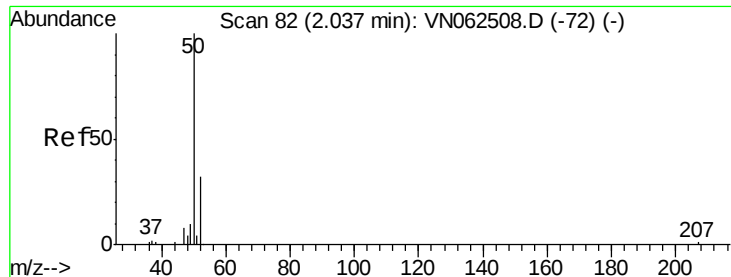
87 33.6 15.6 46.7



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 19.507 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

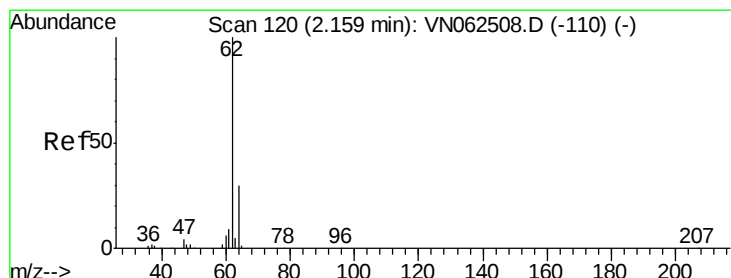
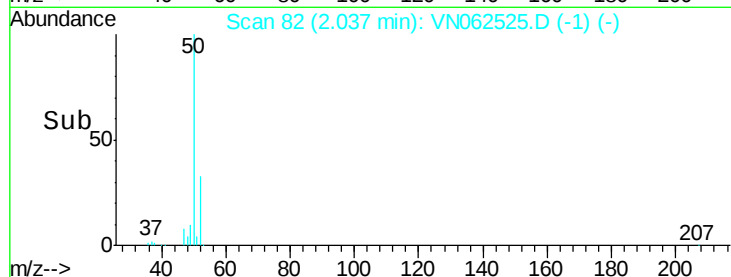
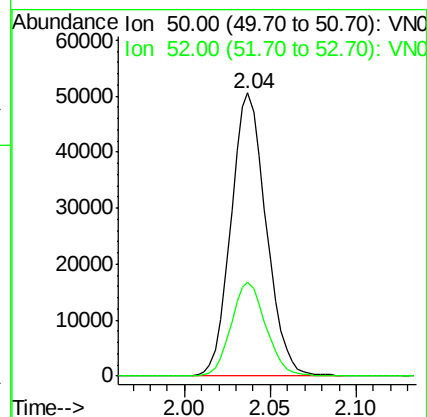
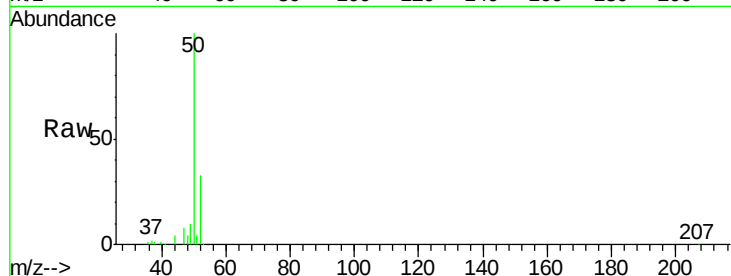
VSTDCCC020EC

Tot Ion: 50 Resp: 72300

Ion Ratio Lower Upper

50 100

52 33.0 25.4 38.2



#4

Vinyl Chloride

Concen: 20.058 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062525.D

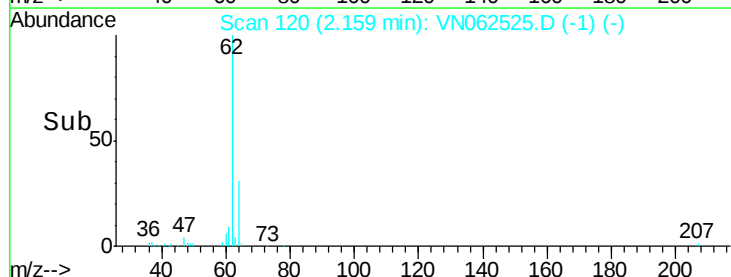
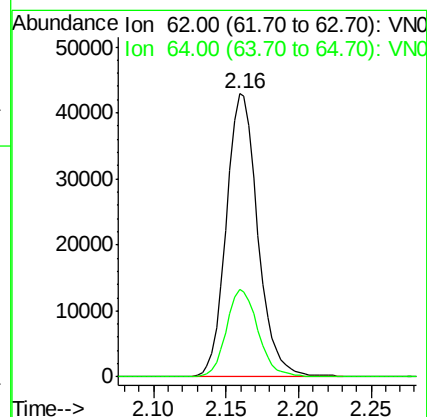
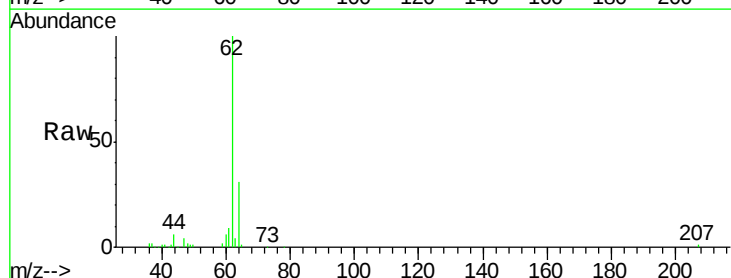
Acq: 14 Jul 2020 14:15

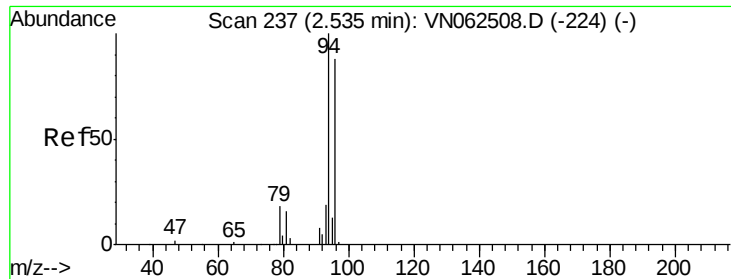
Tgt Ion: 62 Resp: 64985

Ion Ratio Lower Upper

62 100

64 30.8 24.3 36.5

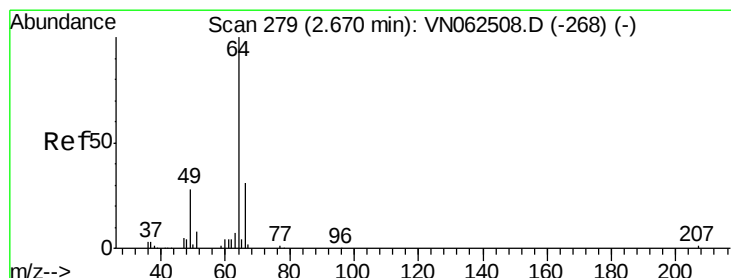
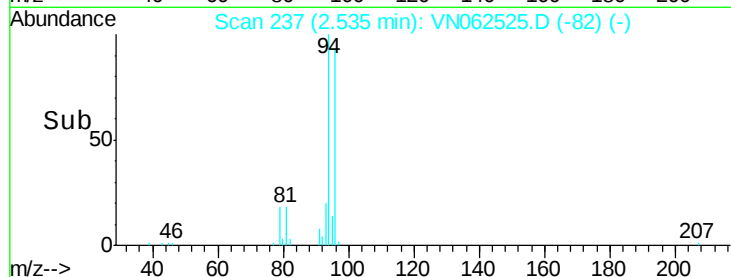
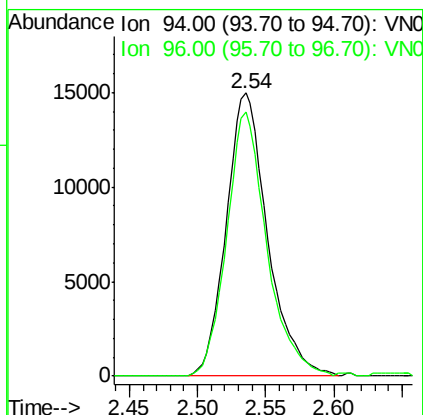
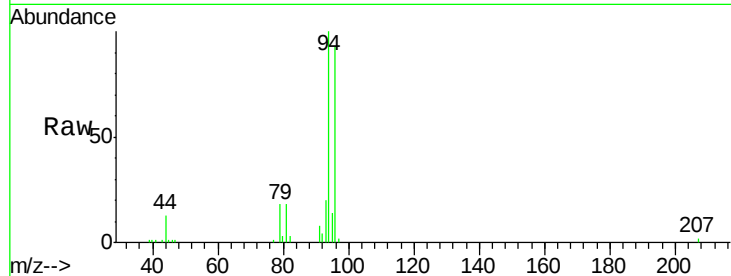




#5
Bromomethane
Concen: 19.645 ug/l
RT: 2.54 min Scan# 237
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

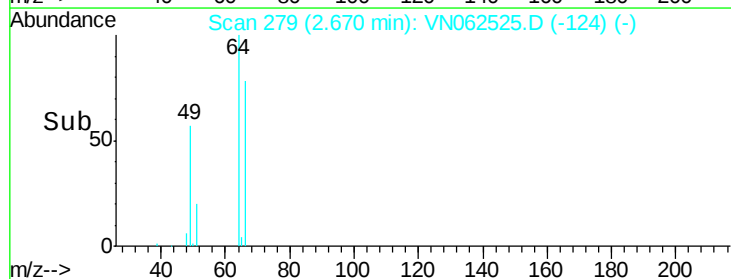
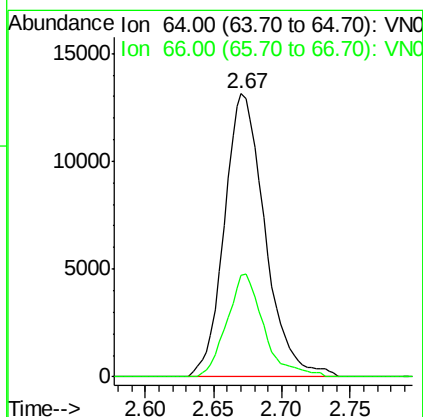
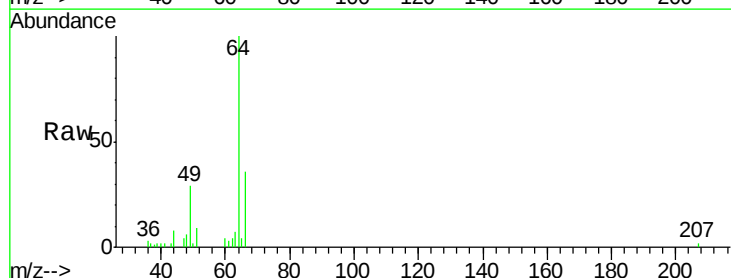
Instrument :
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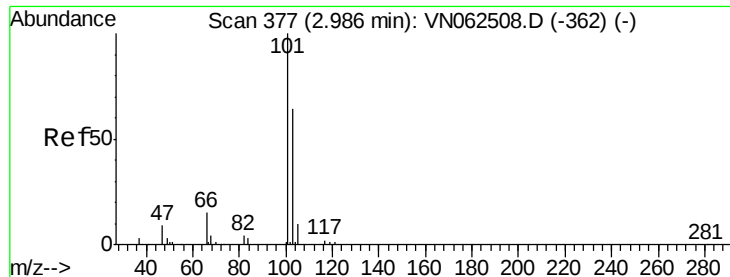
Tot Ion: 94 Resp: 31575
Ion Ratio Lower Upper
94 100
96 93.3 70.2 105.4



#6
Chloroethane
Concen: 17.060 ug/l
RT: 2.67 min Scan# 279
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

Tgt Ion: 64 Resp: 27209
Ion Ratio Lower Upper
64 100
66 35.8 24.9 37.3



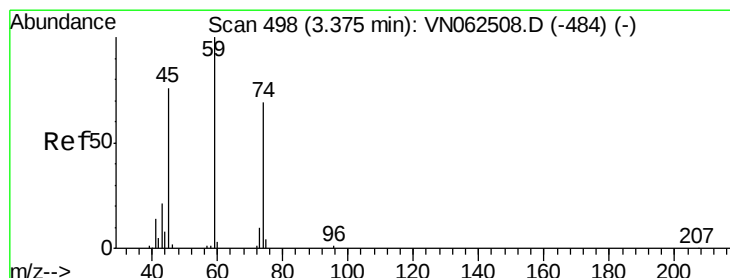
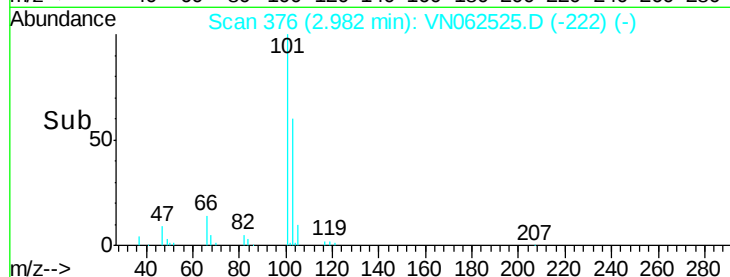
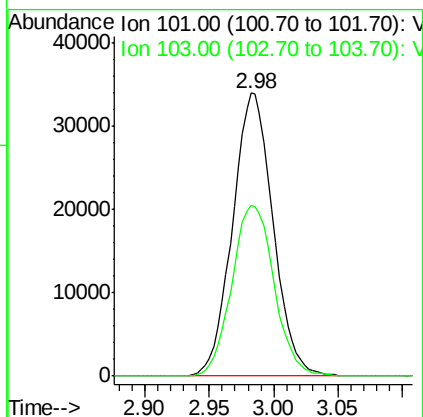
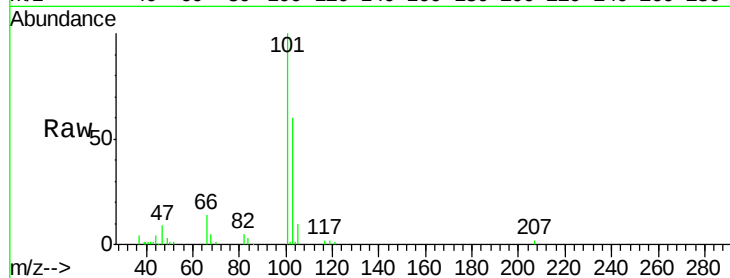


#7

Trichlorofluoromethane
 Concen: 19.522 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Instrument :
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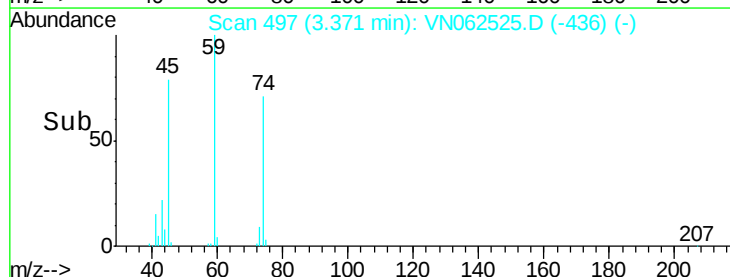
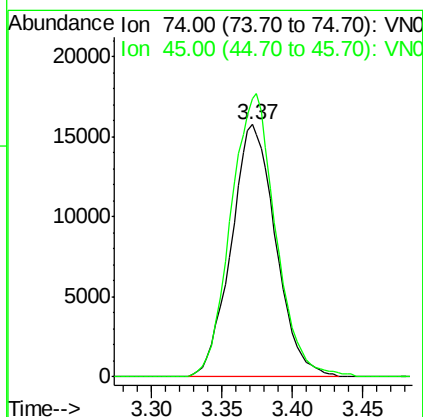
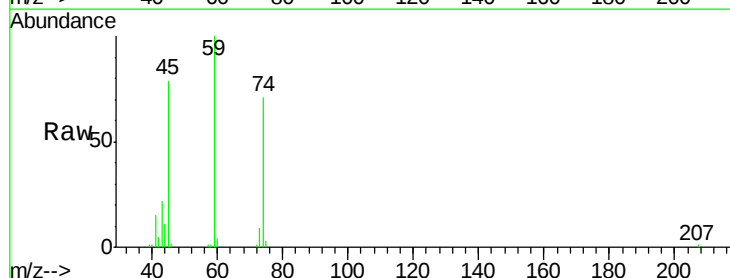
Tot Ion:101 Resp: 74129
 Ion Ratio Lower Upper
 101 100
 103 60.2 50.9 76.3

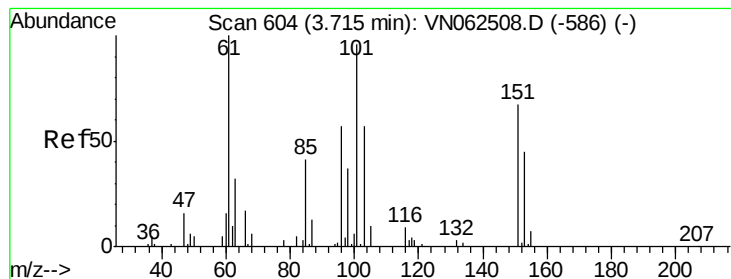


#8

Diethyl Ether
 Concen: 19.073 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Tgt Ion: 74 Resp: 34816
 Ion Ratio Lower Upper
 74 100
 45 112.9 21.8 196.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.129 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

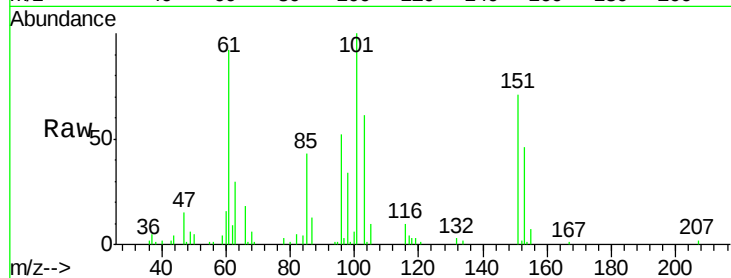
Tot Ion:101 Resp: 49410

Ion Ratio Lower Upper

101 100

85 45.2 0.0 90.4

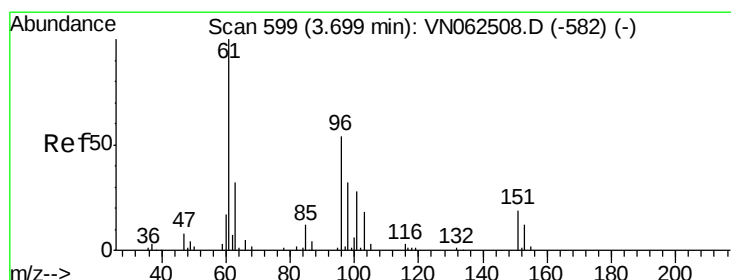
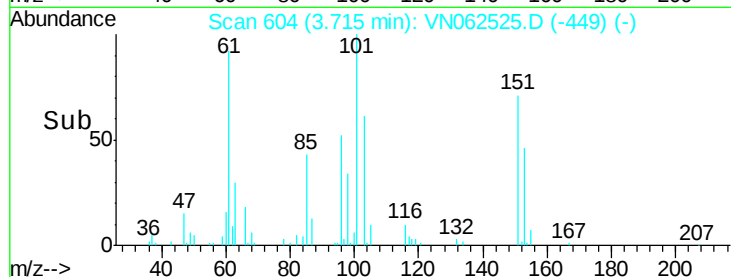
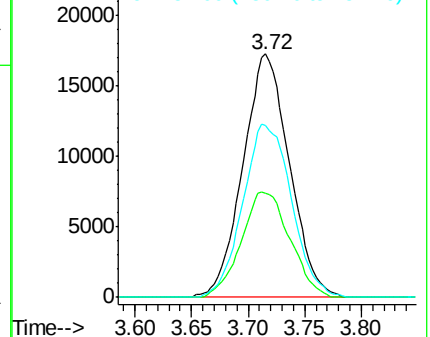
151 74.4 0.0 145.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.680 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.01 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

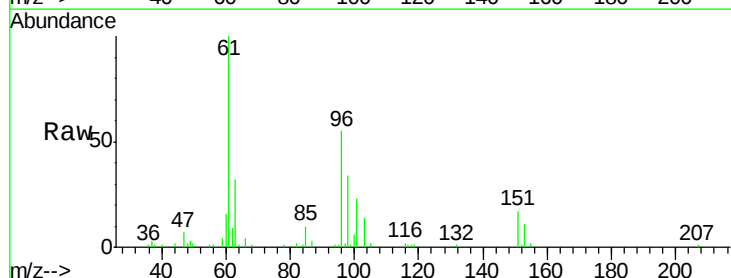
Tgt Ion: 96 Resp: 49284

Ion Ratio Lower Upper

96 100

61 182.1 147.8 221.8

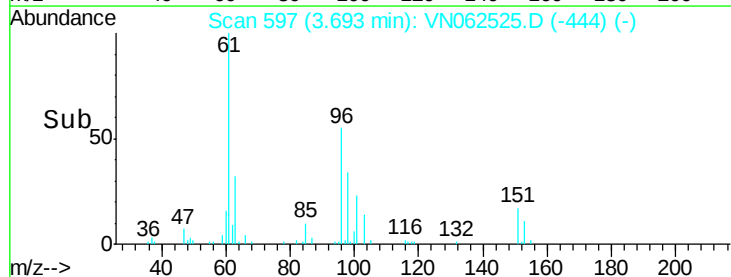
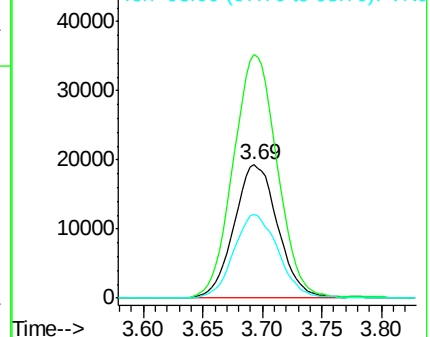
98 63.1 47.8 71.8

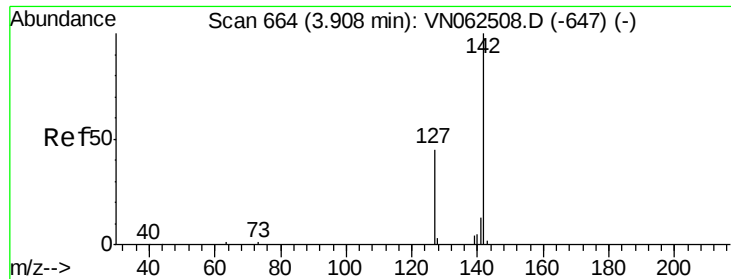


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

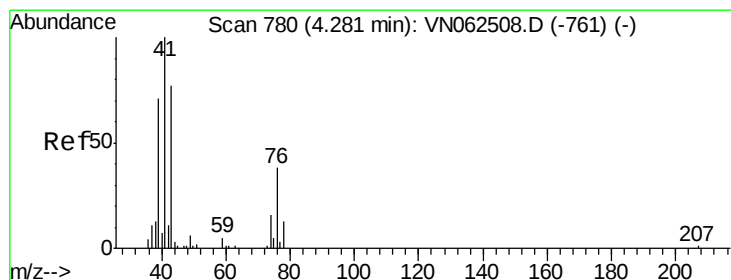
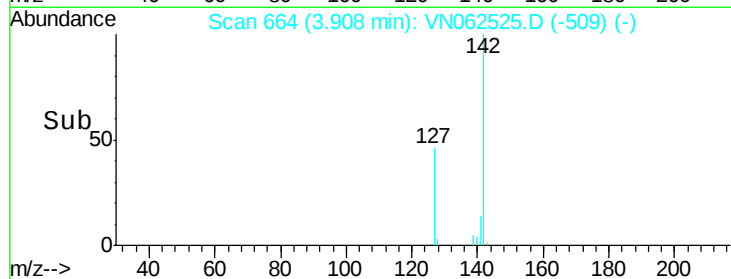
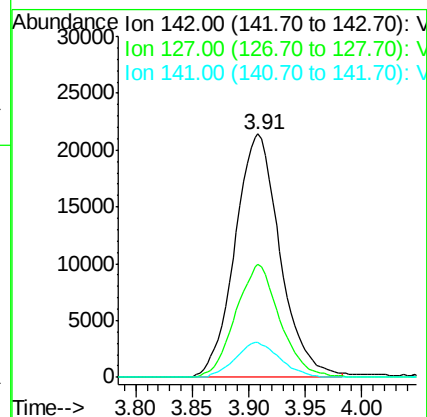
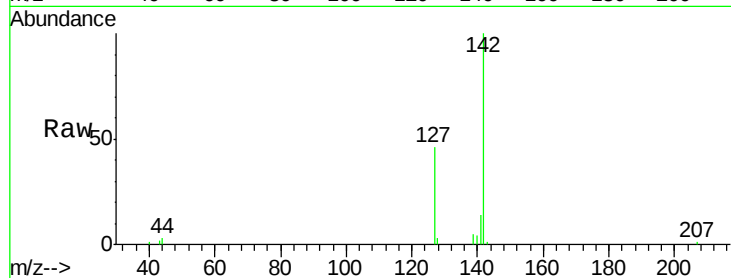




#11
Methvl Iodide
Concen: 19.355 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

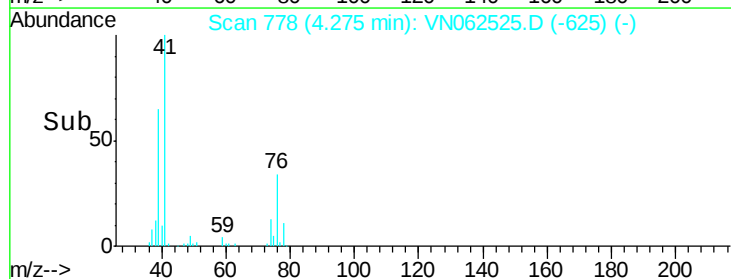
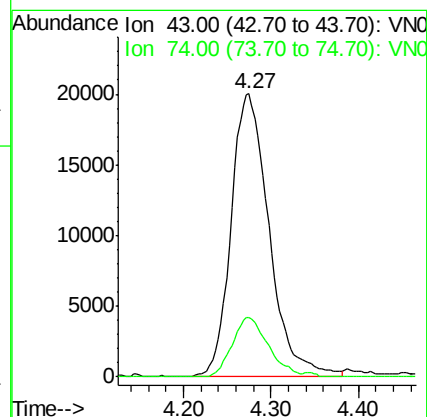
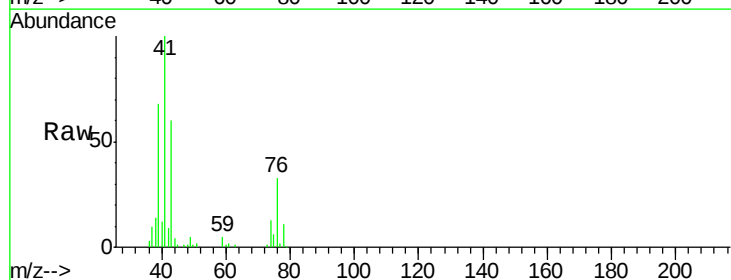
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

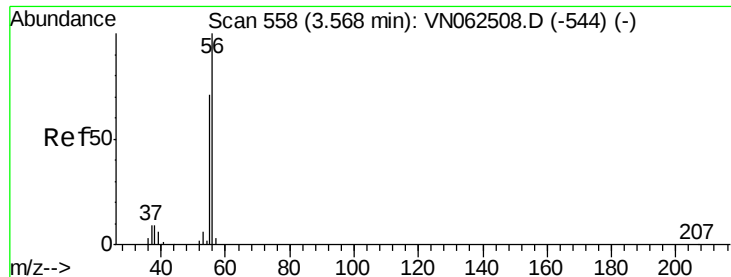
Tot Ion:142 Resp: 59356
Ion Ratio Lower Upper
142 100
127 46.4 22.1 66.5
141 14.4 6.5 19.4



#12
Methyl Acetate
Concen: 18.039 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.01 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

Tgt Ion: 43 Resp: 60586
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1





#13

Acrolein

Concen: 87.272 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

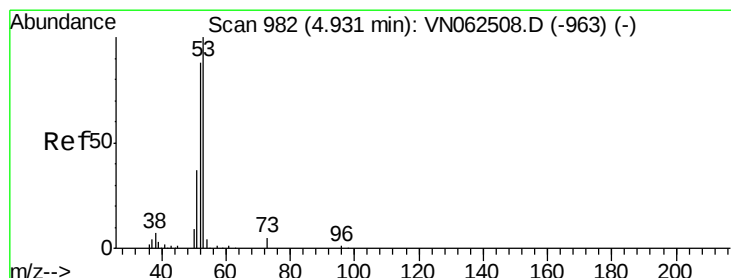
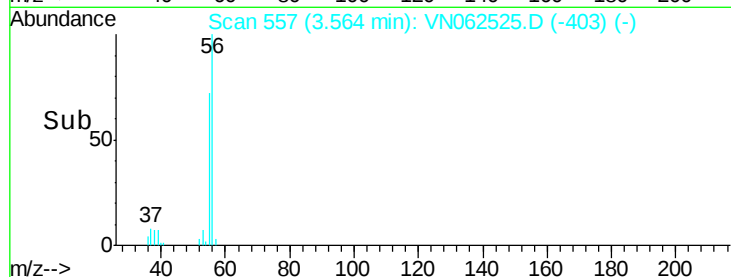
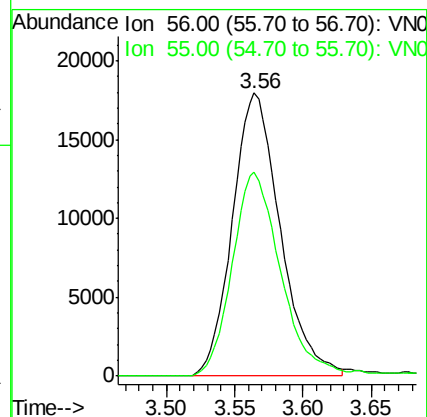
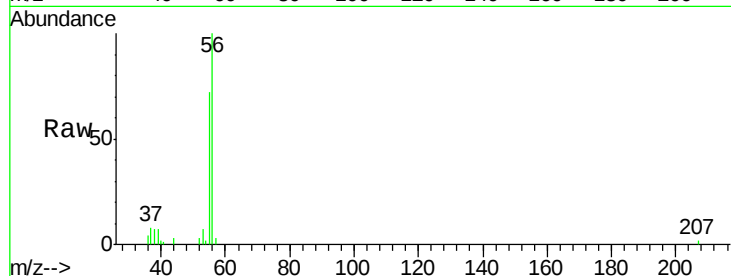
VSTDCCC020EC

Tot Ion: 56 Resp: 43793

Ion Ratio Lower Upper

56 100

55 72.6 56.0 84.0



#14

Acrylonitrile

Concen: 88.409 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.01 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

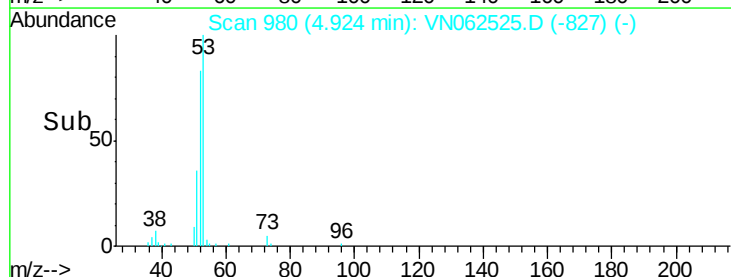
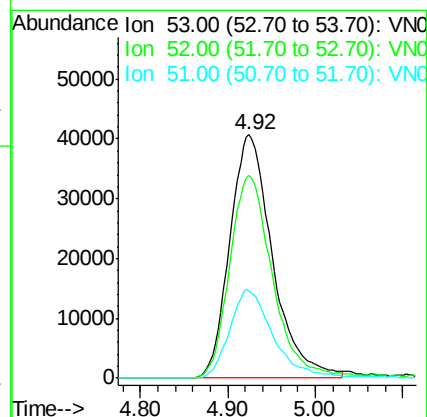
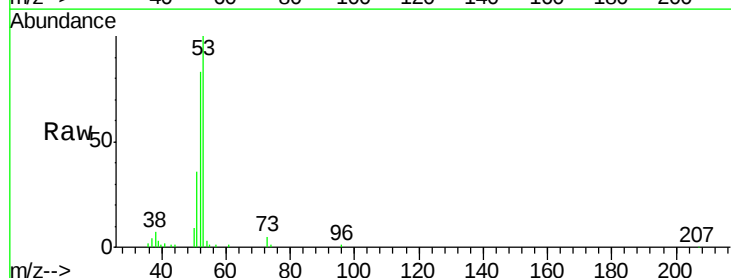
Tgt Ion: 53 Resp: 138096

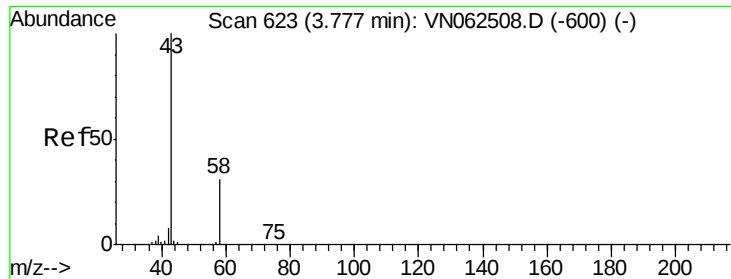
Ion Ratio Lower Upper

53 100

52 82.2 41.8 125.4

51 36.3 18.5 55.5

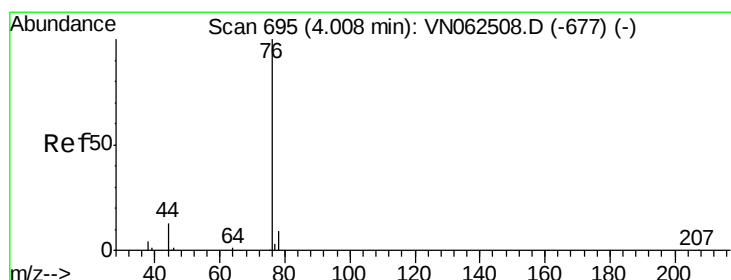
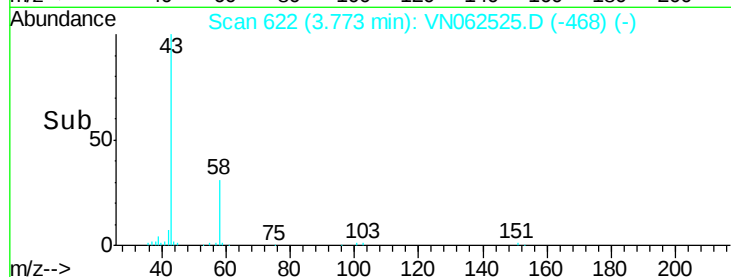
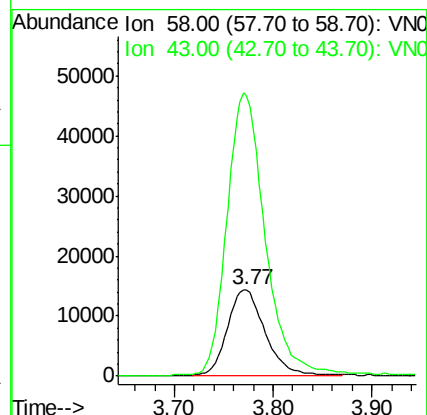
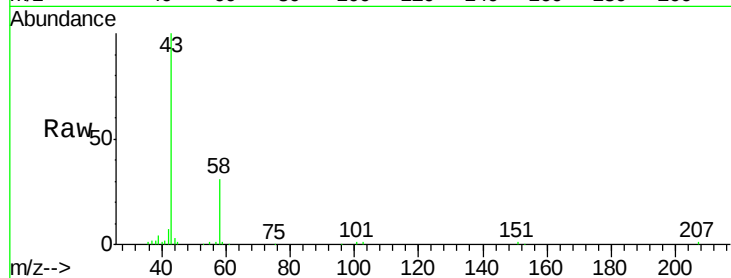




#15
Acetone
Concen: 81.397 ug/l
RT: 3.77 min Scan# 622
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

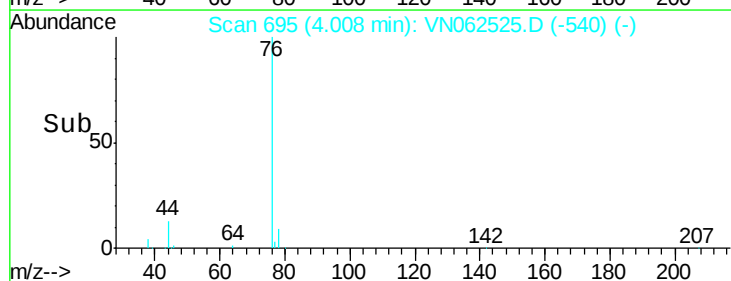
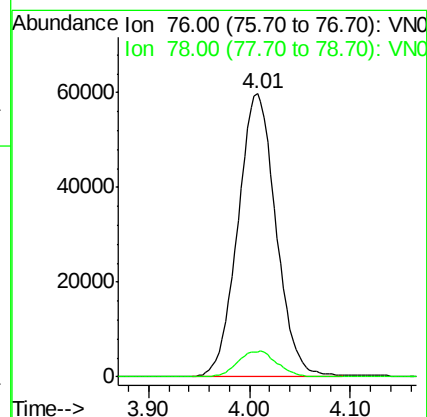
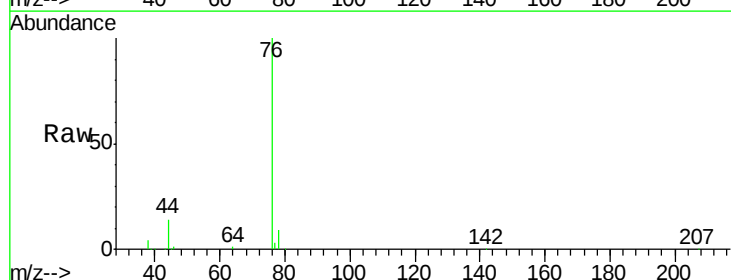
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

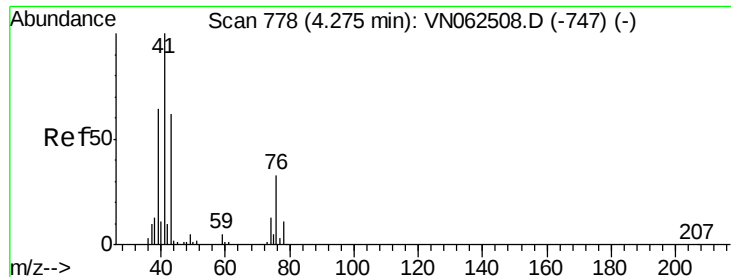
Tot Ion: 58 Resp: 39030
Ion Ratio Lower Upper
58 100
43 320.5 261.1 391.7



#16
Carbon Disulfide
Concen: 19.229 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

Tgt Ion: 76 Resp: 156928
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0





#17

Allvl chloride

Concen: 20.174 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

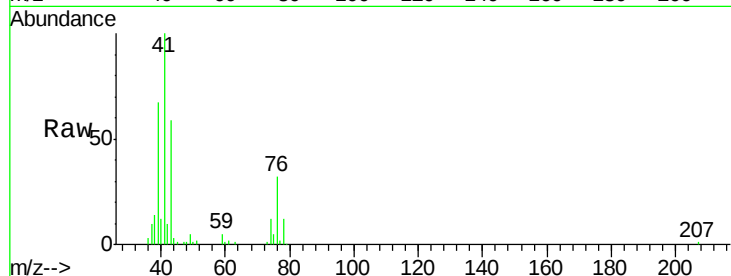
Tot Ion: 41 Resp: 107444

Ion Ratio Lower Upper

41 100

39 67.0 31.9 95.5

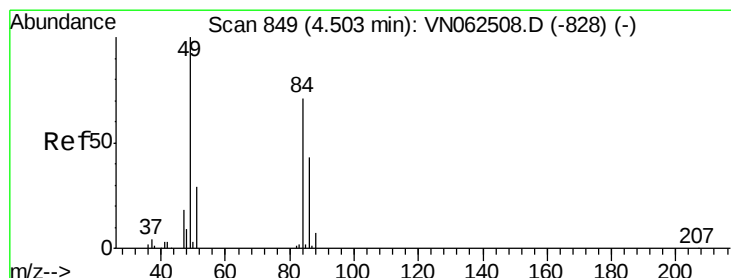
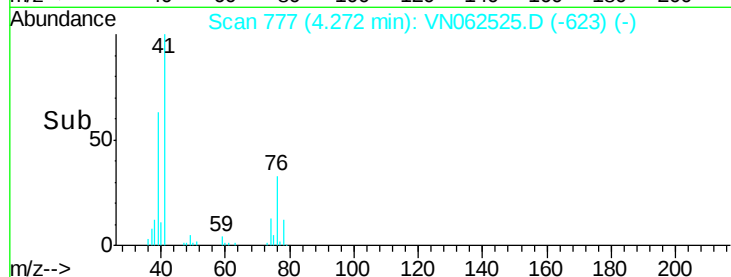
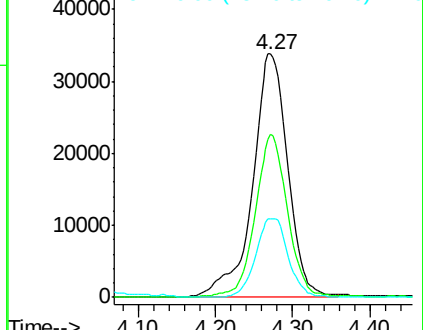
76 32.5 16.6 49.8



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 76.00 (75.70 to 76.70): VNO



#18

Methylene Chloride

Concen: 19.534 ug/l

RT: 4.50 min Scan# 847

Delta R.T. -0.01 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Tgt Ion: 84 Resp: 60191

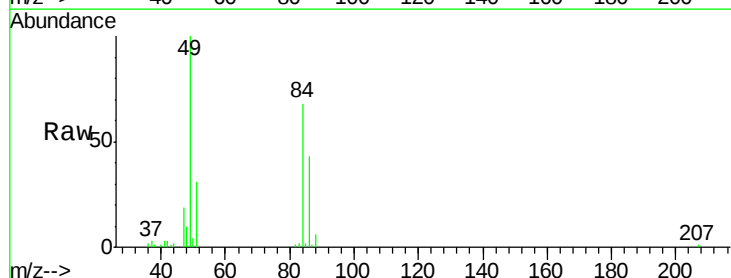
Ion Ratio Lower Upper

84 100

49 146.4 112.1 168.1

51 46.0 33.0 49.4

86 63.3 48.2 72.4

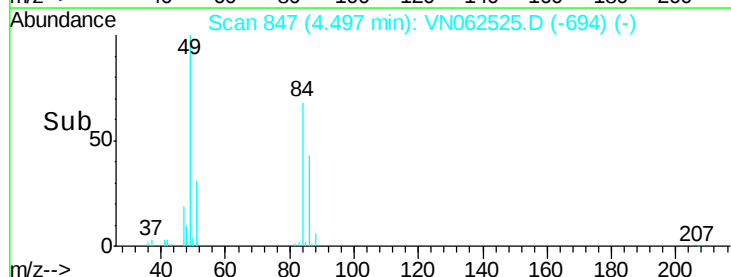
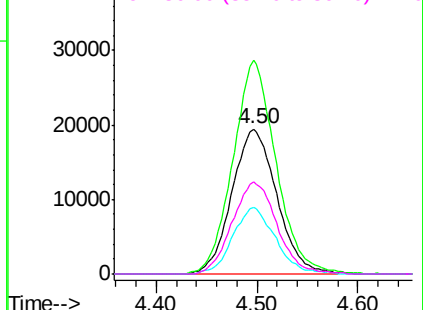


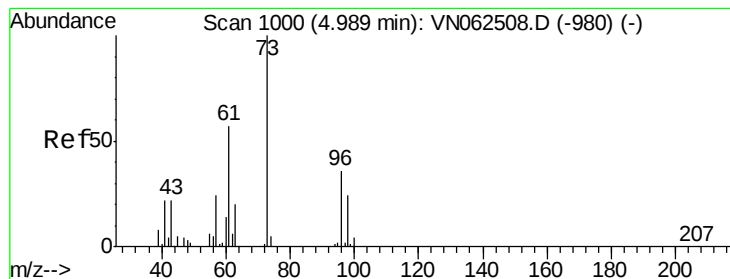
Abundance Ion 84.00 (83.70 to 84.70): VNO

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: 19.306 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

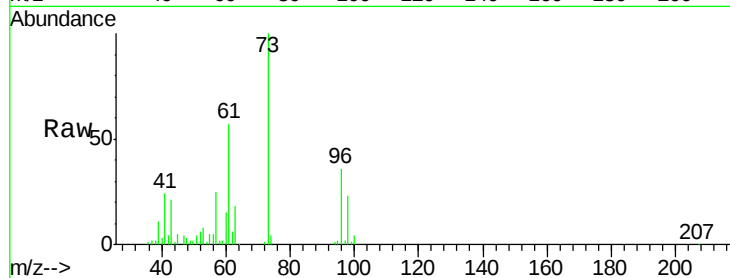
Tot Ion: 96 Resp: 53510

Ion Ratio Lower Upper

96 100

61 156.7 125.7 188.5

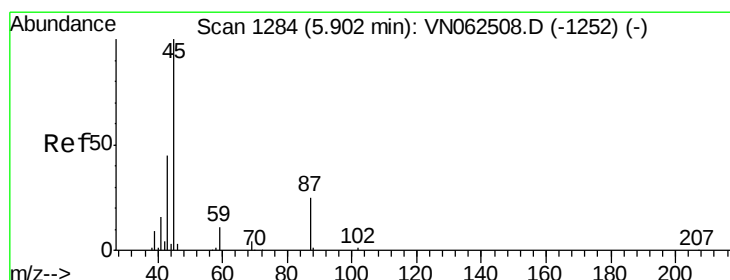
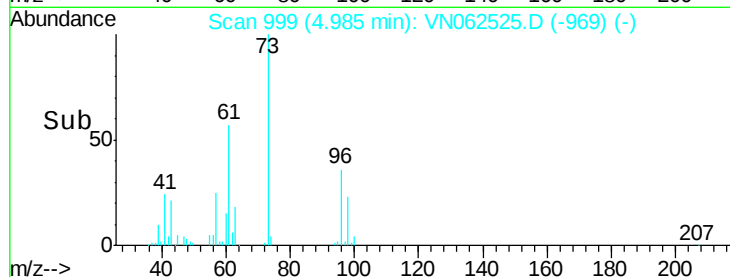
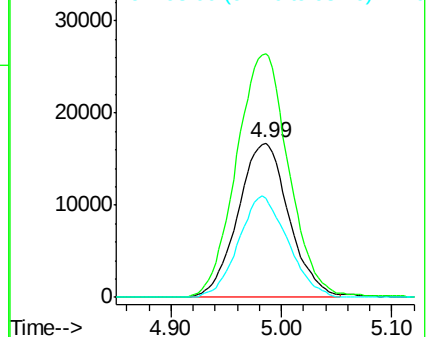
98 64.0 54.1 81.1



Abundance Ion 96.00 (95.70 to 96.70): VN062525.D (-969) (-)

Ion 61.00 (60.70 to 61.70): VN062525.D (-969) (-)

Ion 98.00 (97.70 to 98.70): VN062525.D (-969) (-)



#20

Diisopropyl ether

Concen: 19.793 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Tgt Ion: 45 Resp: 216708

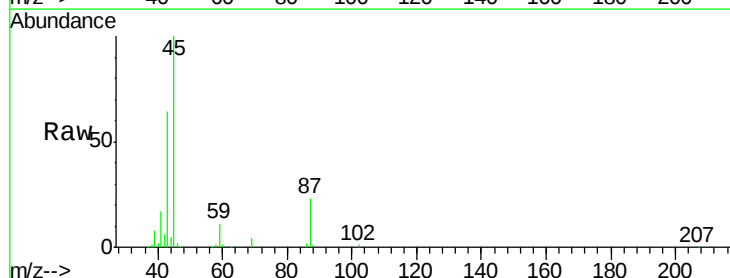
Ion Ratio Lower Upper

45 100

43 61.8 51.3 76.9

87 22.7 19.8 29.6

59 10.8 8.8 13.2

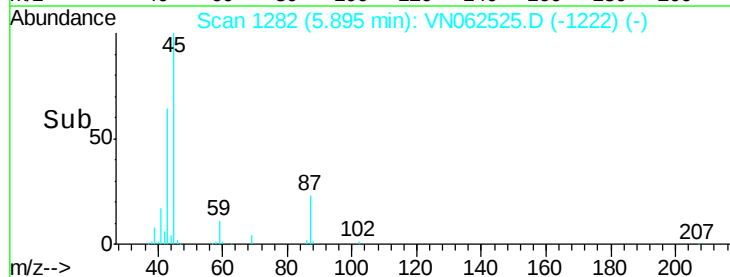
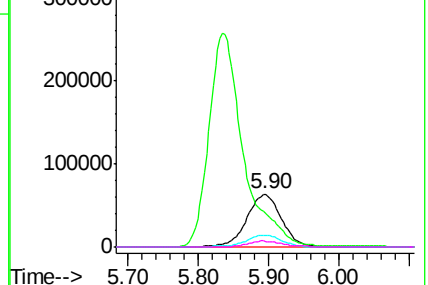


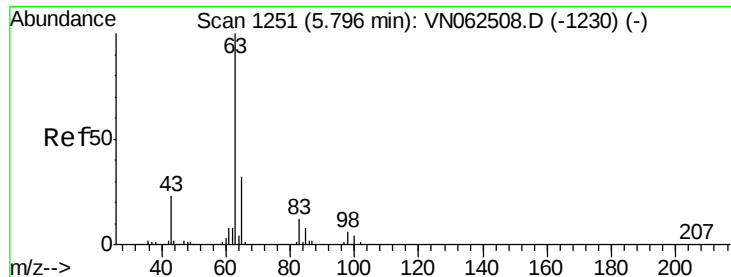
Abundance Ion 45.00 (44.70 to 45.70): VN062525.D (-1222) (-)

Ion 43.00 (42.70 to 43.70): VN062525.D (-1222) (-)

Ion 87.00 (86.70 to 87.70): VN062525.D (-1222) (-)

Ion 59.00 (58.70 to 59.70): VN062525.D (-1222) (-)





#21

1,1-Dichloroethane

Concen: 19.480 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

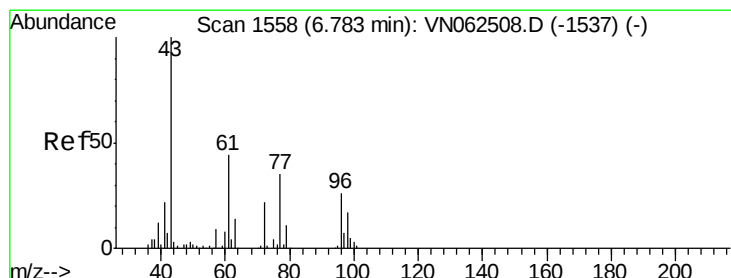
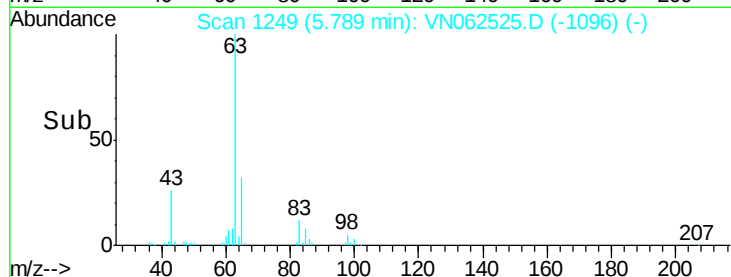
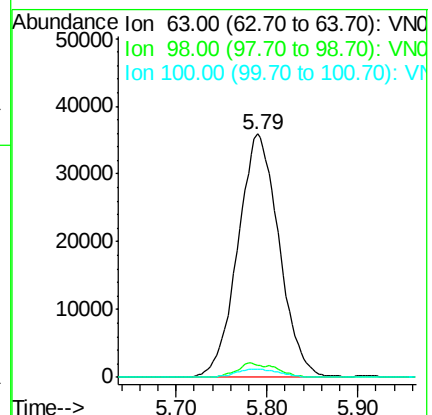
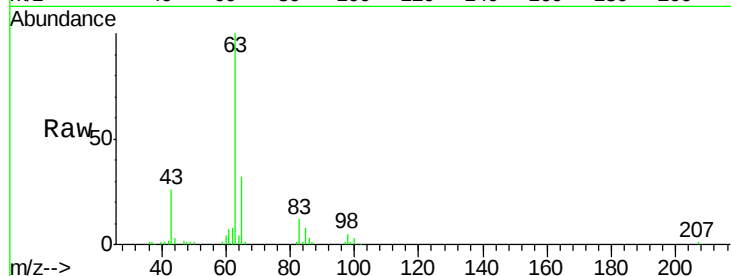
Tot Ion: 63 Resp: 112760

Ion Ratio Lower Upper

63 100

98 5.2 2.8 8.4

100 3.4 2.0 5.8



#22

cis-1,2-Dichloroethene

Concen: 19.691 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

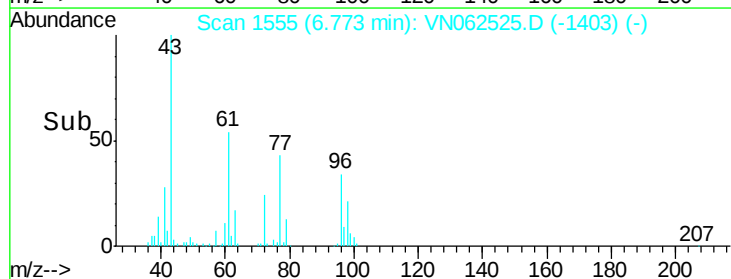
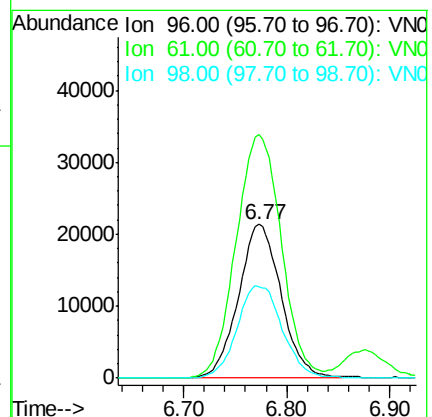
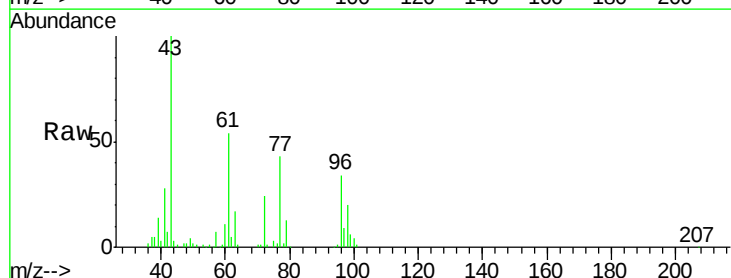
Tgt Ion: 96 Resp: 61549

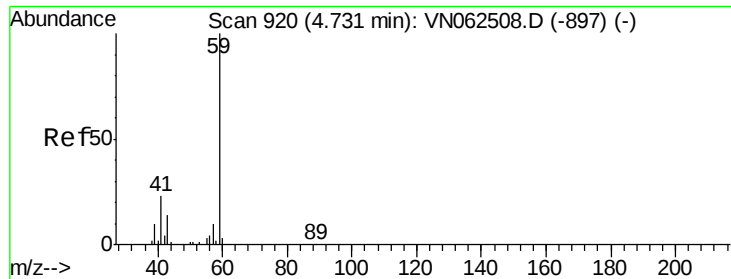
Ion Ratio Lower Upper

96 100

61 167.2 134.9 202.3

98 63.2 51.5 77.3



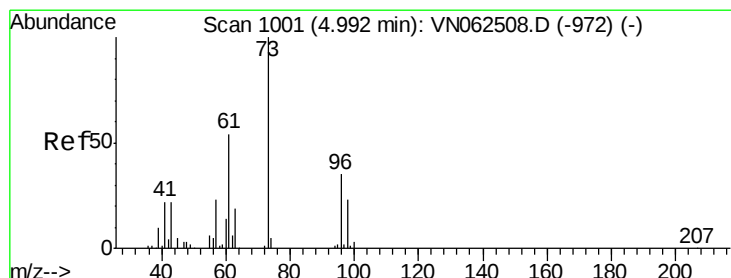
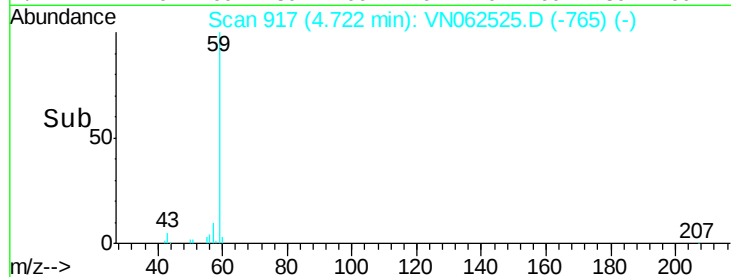
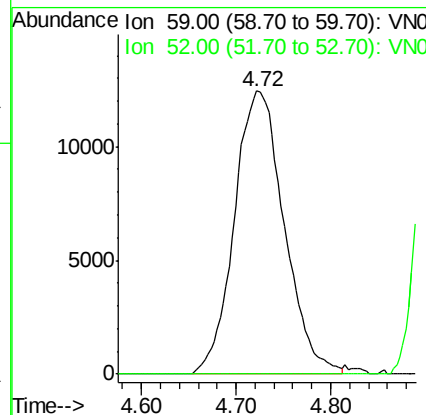
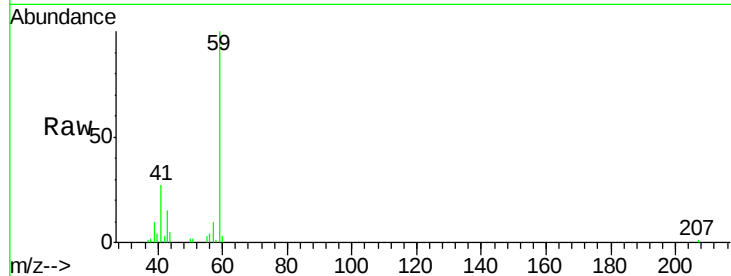


#23

tert-Butyl Alcohol
 Concen: 87.121 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

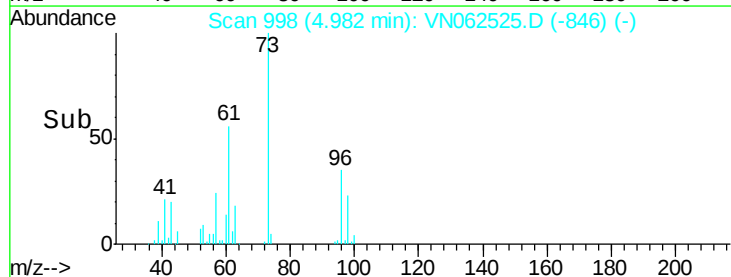
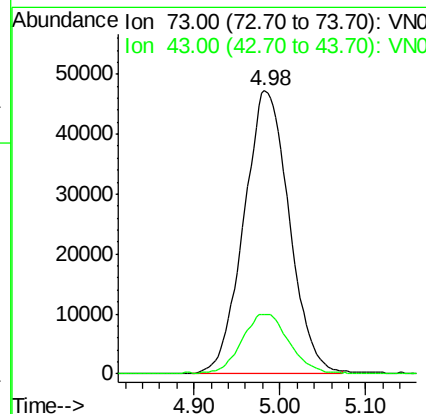
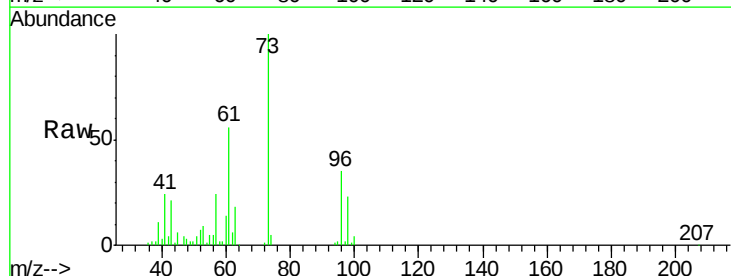
Tot Ion: 59 Resp: 45542
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

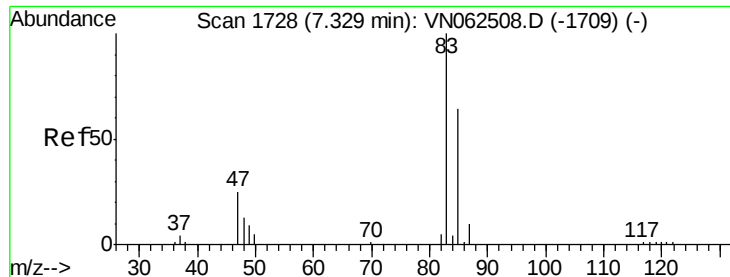


#24

Methyl tert-Butyl Ether
 Concen: 18.799 ug/l
 RT: 4.98 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Tgt Ion: 73 Resp: 173568
 Ion Ratio Lower Upper
 73 100
 43 0.1 16.9 25.3#

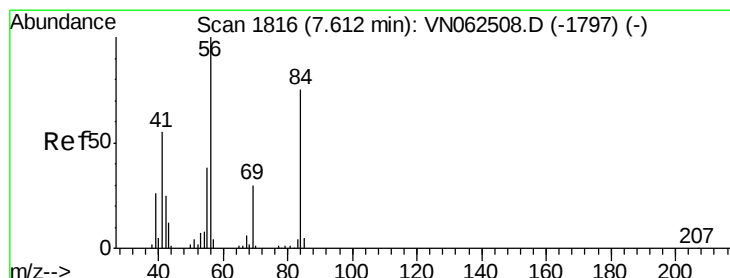
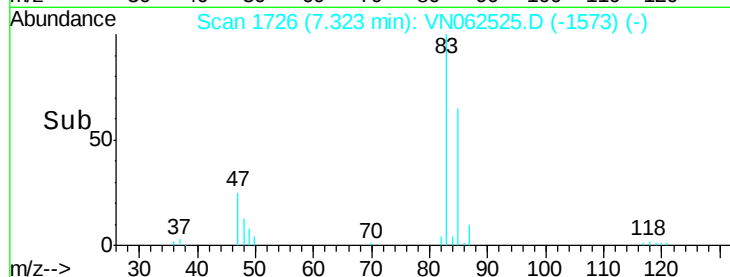
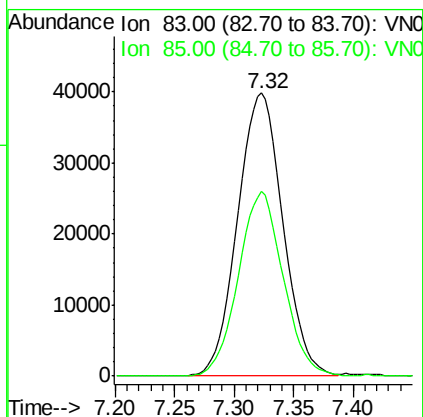
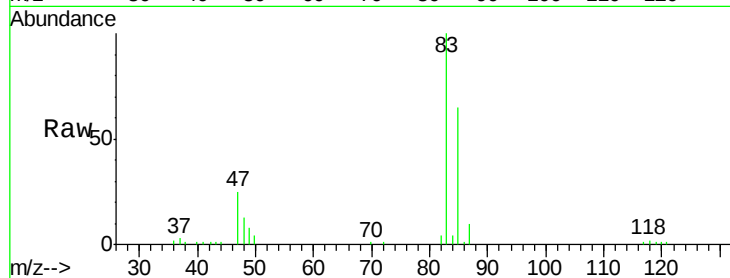




#25
Chloroform
Concen: 19.821 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

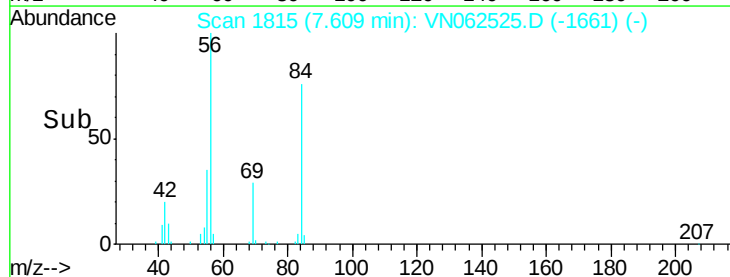
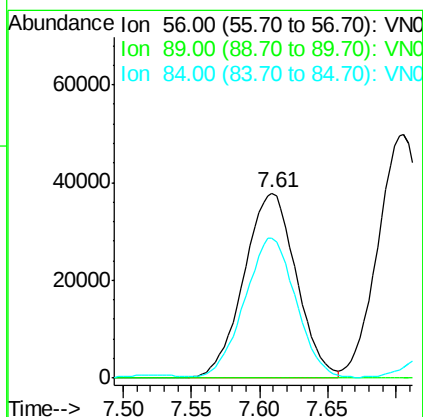
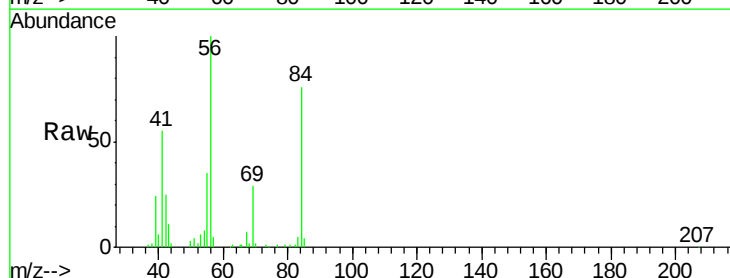
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

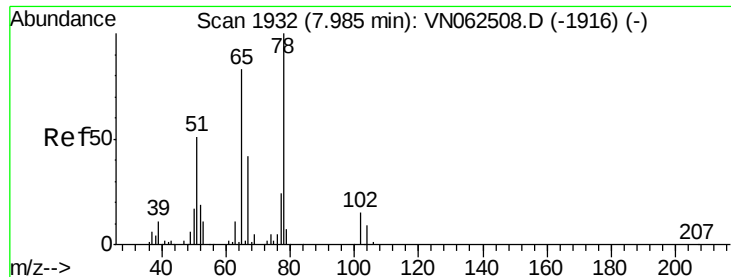
Tot Ion: 83 Resp: 105217
Ion Ratio Lower Upper
83 100
85 65.1 51.0 76.4



#26
Cyclohexane
Concen: 19.792 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

Tgt Ion: 56 Resp: 100977
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 73.7 61.1 91.7

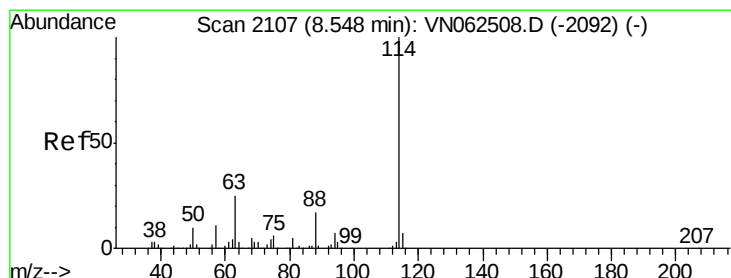
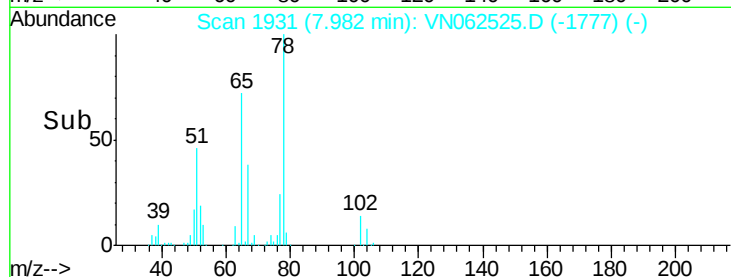
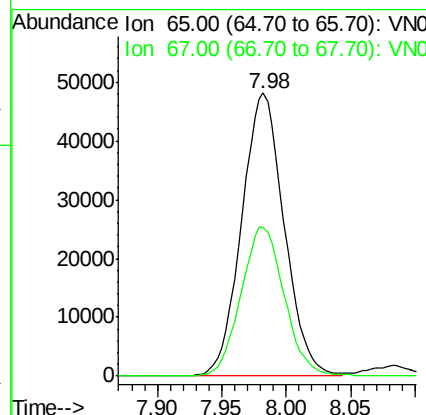
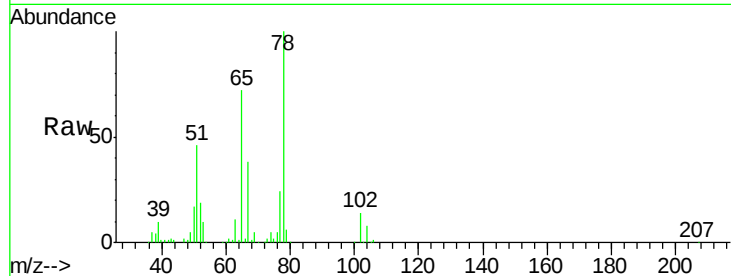




#27
 1,2-Dichloroethane-d4
 Concen: 29.589 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

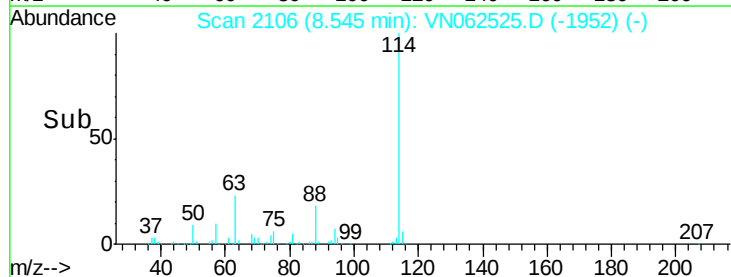
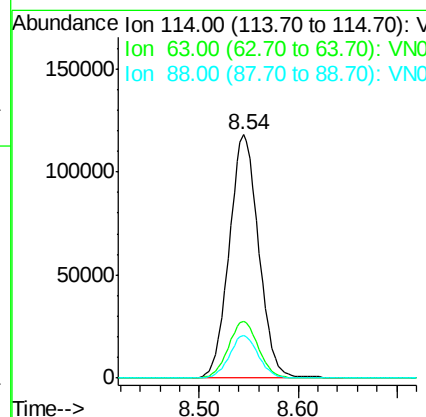
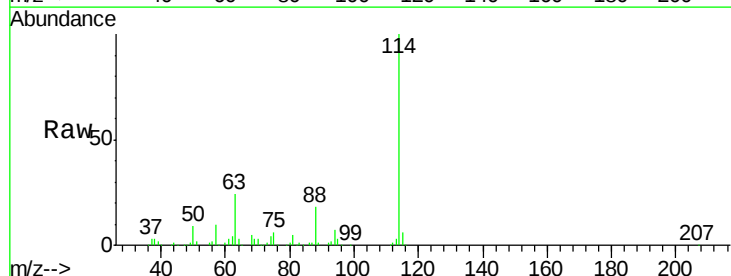
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

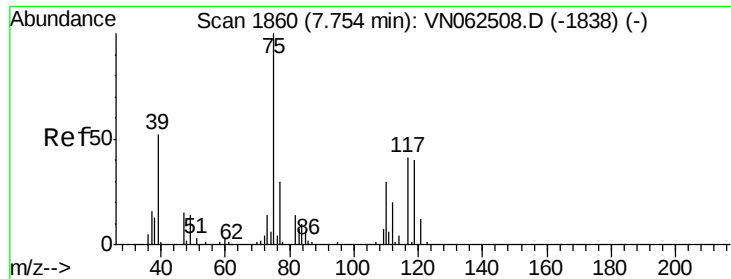
Tot Ion: 65 Resp: 110539
 Ion Ratio Lower Upper
 65 100
 67 53.7 41.7 62.5



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Tgt Ion: 114 Resp: 246885
 Ion Ratio Lower Upper
 114 100
 63 23.6 19.4 29.0
 88 17.1 13.5 20.3

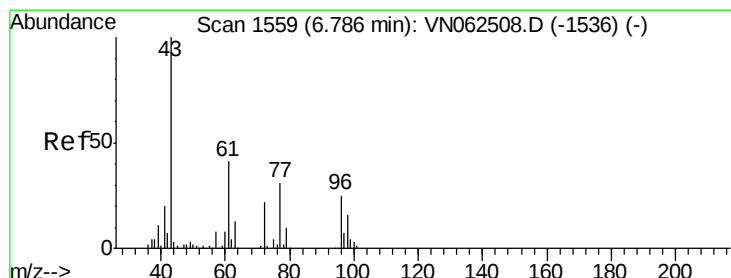
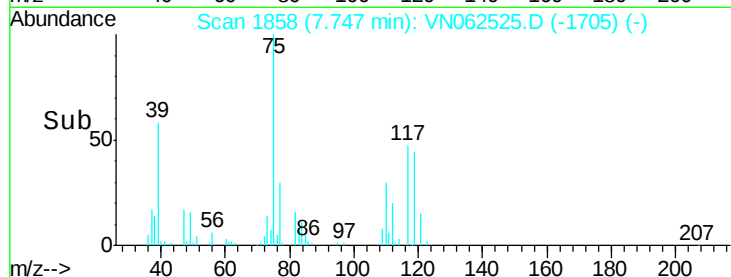
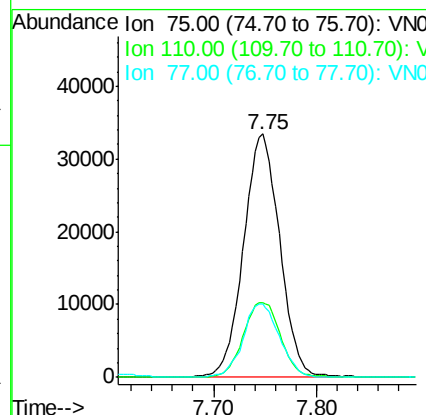
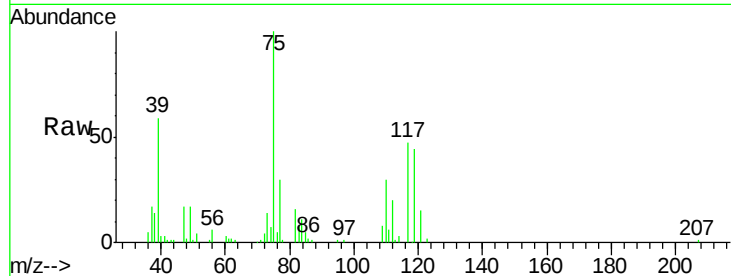




#29
 1,1-Dichloropropene
 Concen: 19.481 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

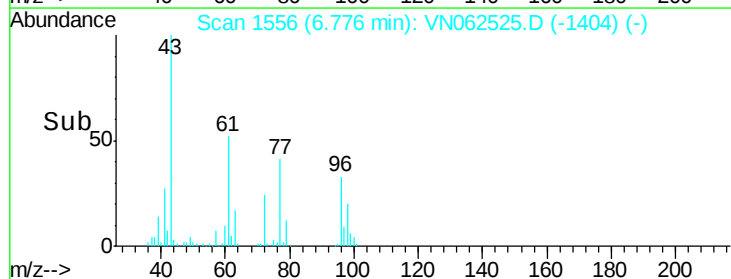
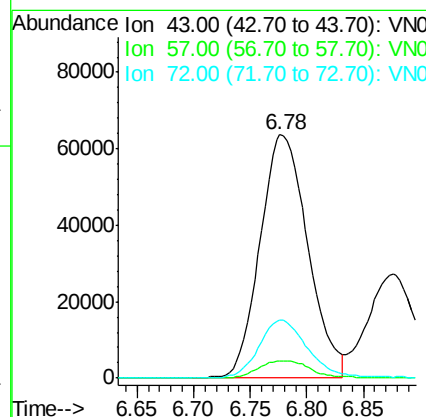
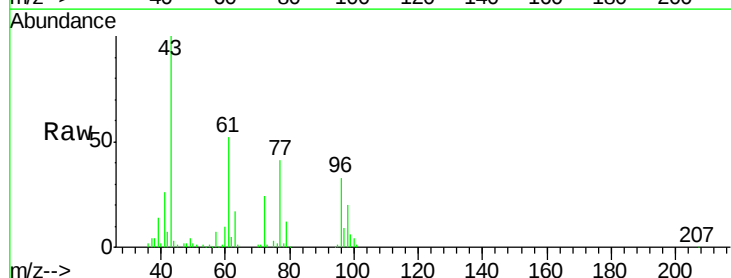
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

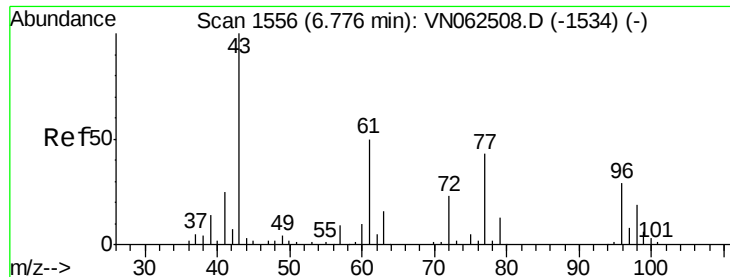
Tot Ion: 75 Resp: 81582
 Ion Ratio Lower Upper
 75 100
 110 31.7 0.0 62.4
 77 30.4 0.0 62.8



#30
 2-Butanone
 Concen: 84.198 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Tgt Ion: 43 Resp: 186999
 Ion Ratio Lower Upper
 43 100
 57 7.7 6.6 9.8
 72 24.5 18.5 27.7

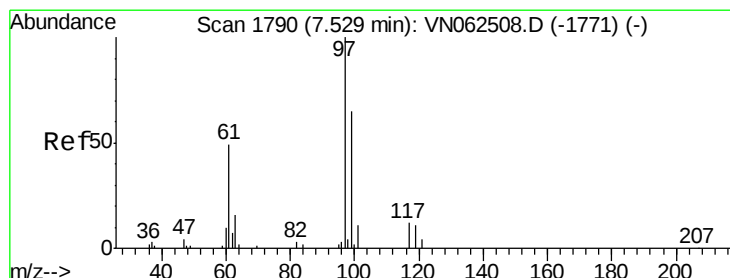
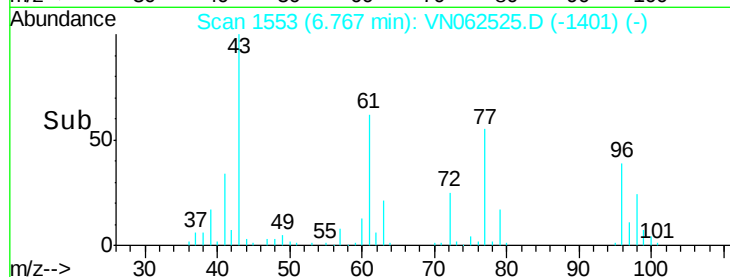
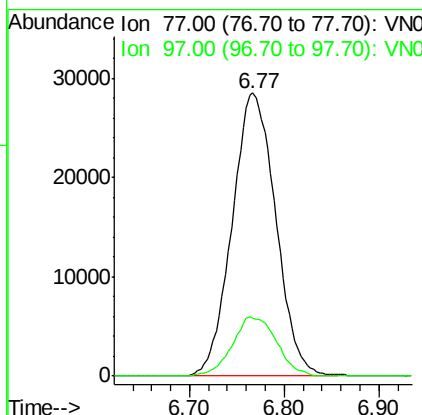
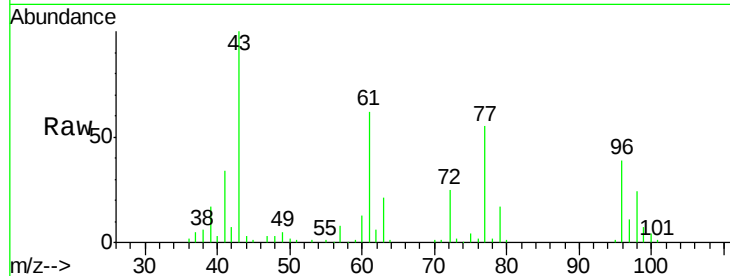




#31
 2,2-Dichloropropane
 Concen: 19.377 ug/l
 RT: 6.77 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

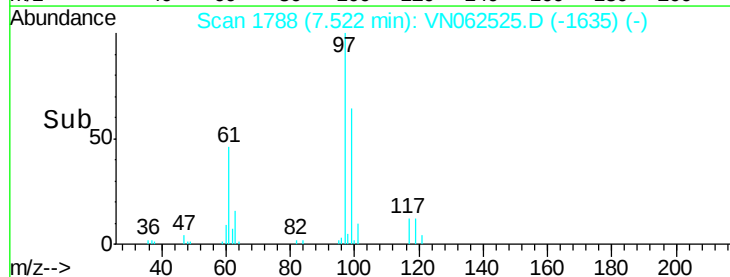
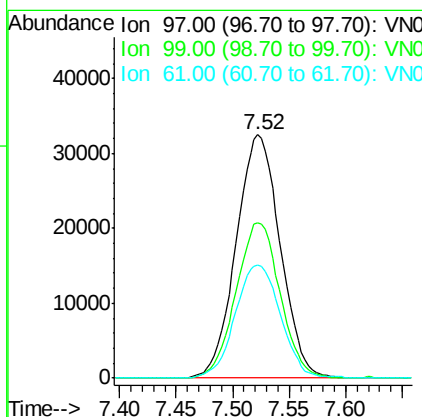
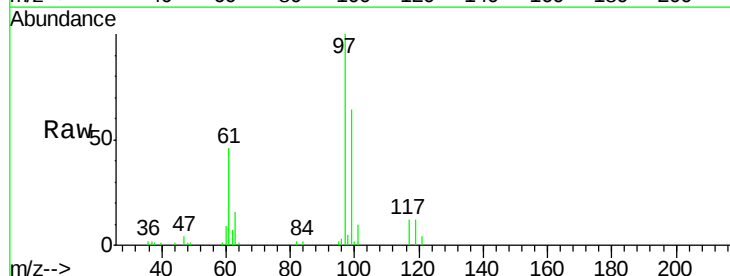
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

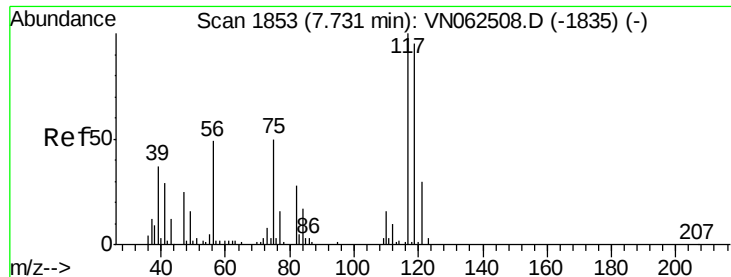
Tot Ion: 77 Resp: 91500
 Ion Ratio Lower Upper
 77 100
 97 21.2 8.6 12.8#



#32
 1,1,1-Trichloroethane
 Concen: 19.561 ug/l
 RT: 7.52 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Tgt Ion: 97 Resp: 88043
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.8 77.8
 61 47.8 39.4 59.0





#33

Carbon Tetrachloride

Concen: 19.729 ug/l

RT: 7.72 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

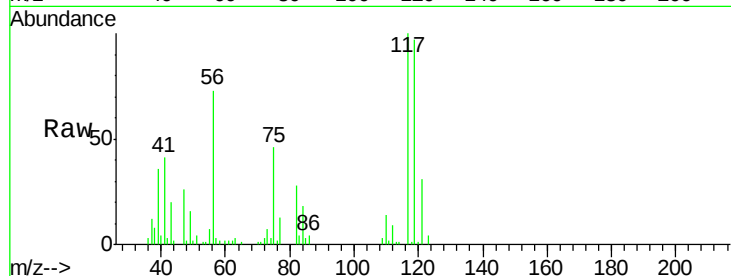
Tot Ion:117 Resp: 76976

Ion Ratio Lower Upper

117 100

119 96.8 76.2 114.4

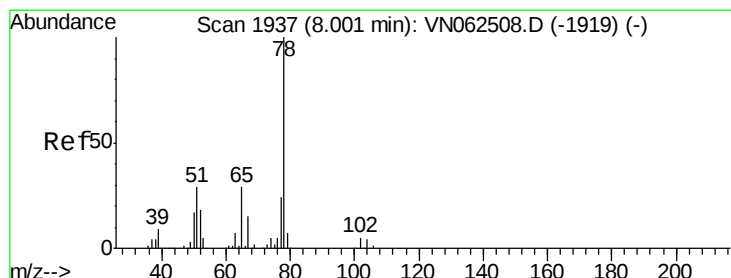
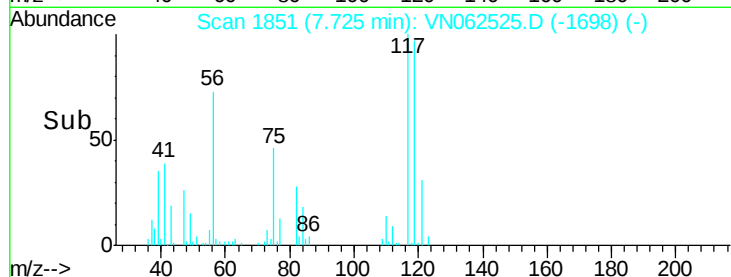
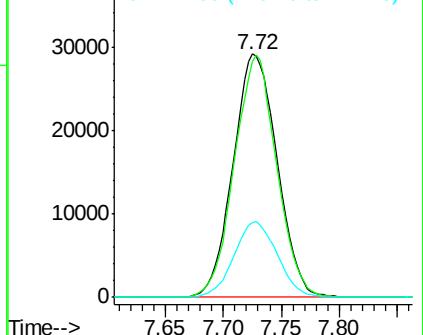
121 30.9 23.8 35.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.464 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

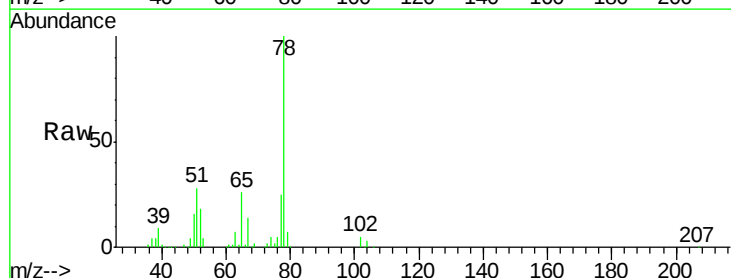
Tgt Ion: 78 Resp: 242165

Ion Ratio Lower Upper

78 100

77 24.7 18.9 28.3

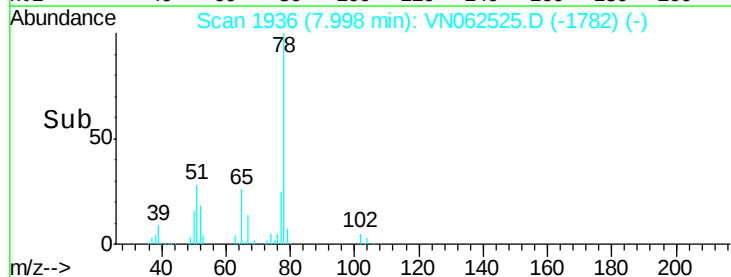
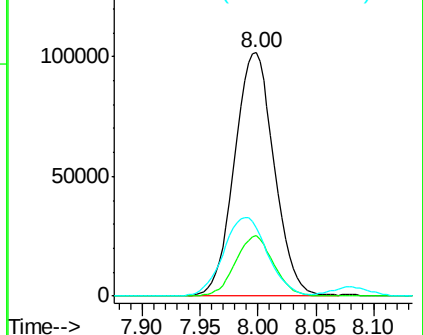
51 27.8 23.1 34.7

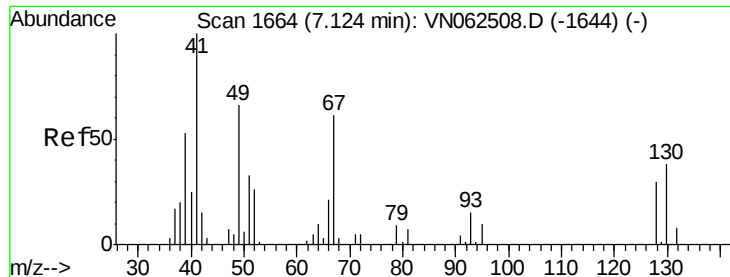


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

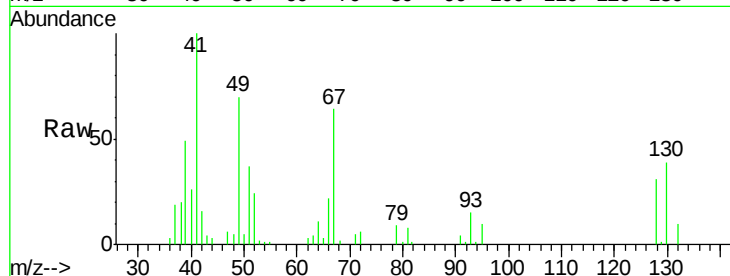




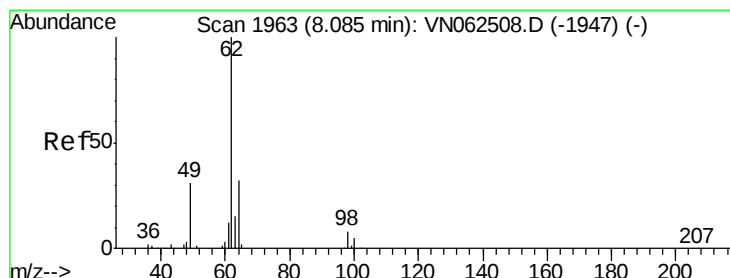
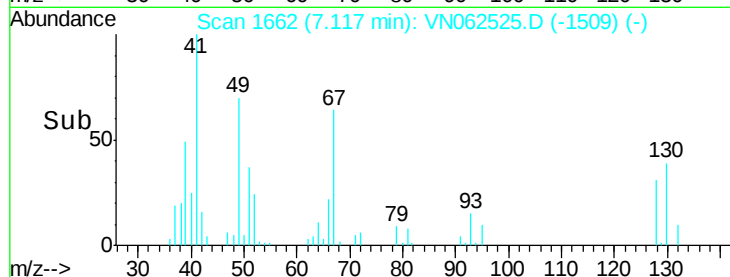
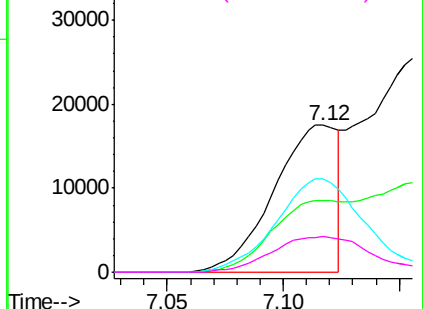
#35
Methacrylonitrile
Concen: 17.223 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.01 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 41 Resp: 33600
Ion Ratio Lower Upper
41 100
39 48.9 26.5 79.5
67 63.9 30.7 92.1
52 24.0 13.0 39.0

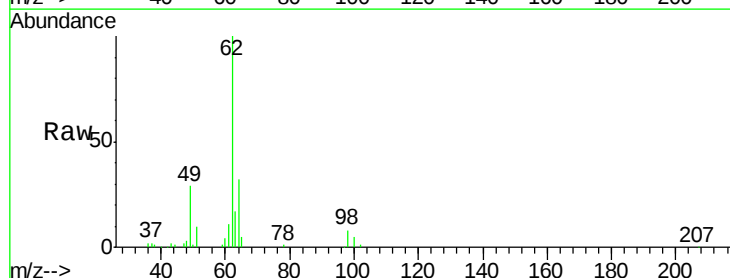


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

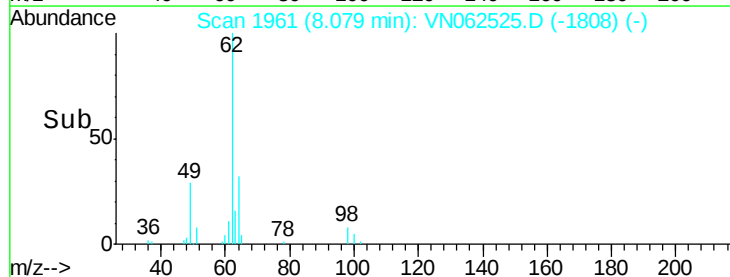
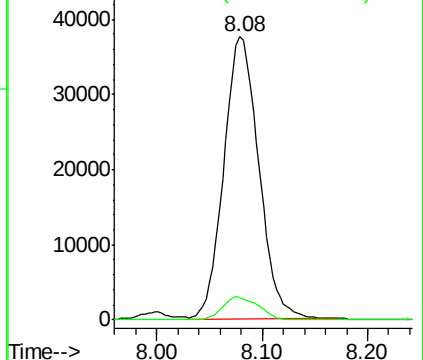


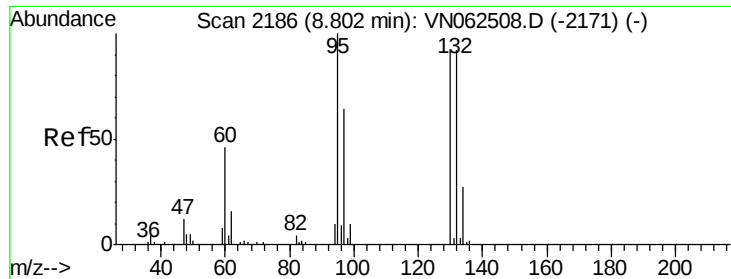
#36
1,2-Dichloroethane
Concen: 19.371 ug/l
RT: 8.08 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

Tgt Ion: 62 Resp: 86620
Ion Ratio Lower Upper
62 100
98 8.2 6.6 9.8



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

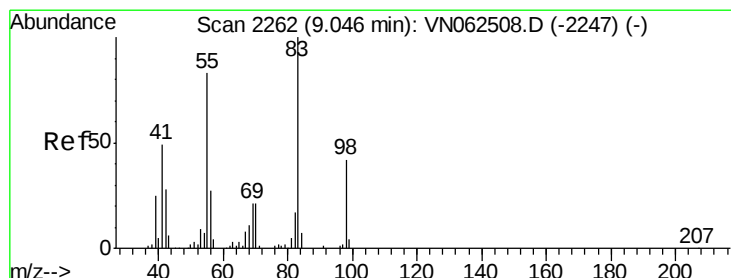
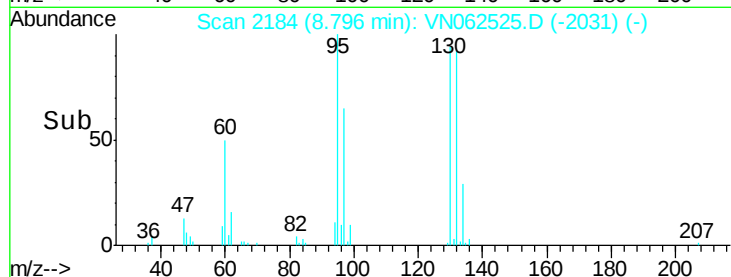
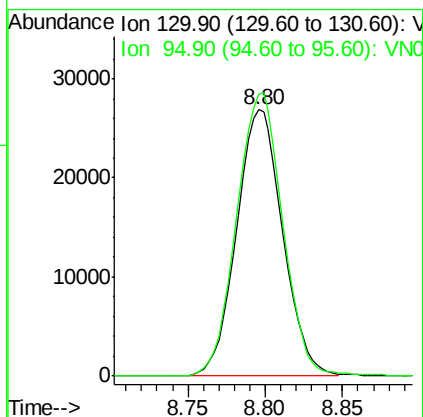
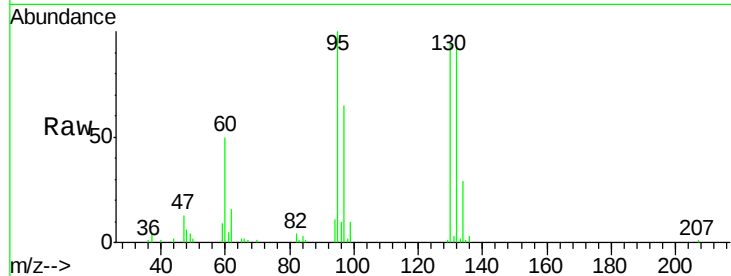




#37
 Trichloroethene
 Concen: 19.899 ug/l
 RT: 8.80 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

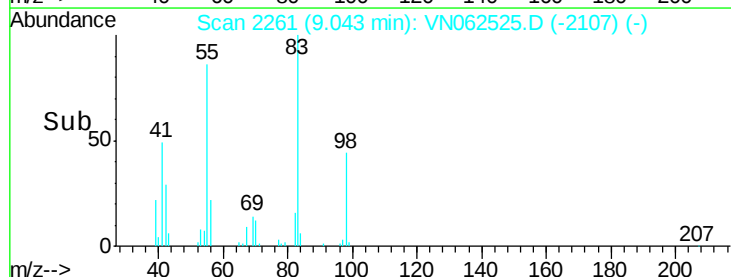
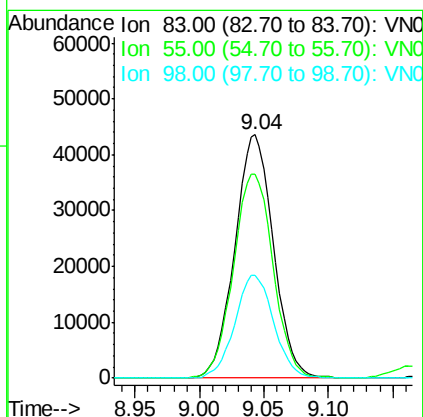
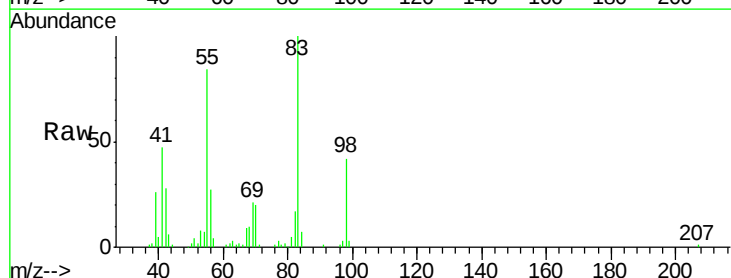
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

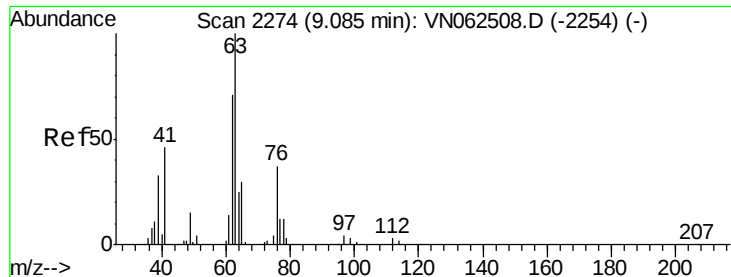
Tot Ion:130 Resp: 55608
 Ion Ratio Lower Upper
 130 100
 95 105.9 86.5 129.7



#38
 Methylcyclohexane
 Concen: 19.298 ug/l
 RT: 9.04 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Tgt Ion: 83 Resp: 90659
 Ion Ratio Lower Upper
 83 100
 55 86.2 42.8 128.3
 98 42.5 21.9 65.7





#39

1,2-Dichloropropane

Concen: 19.995 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.01 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

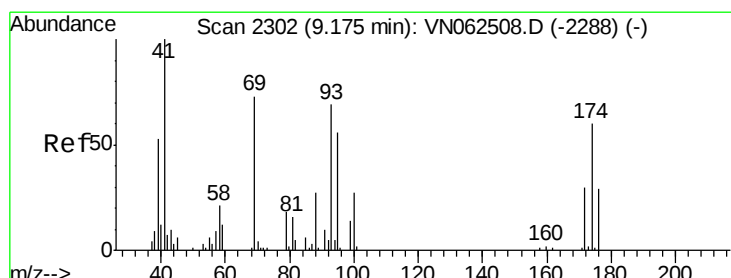
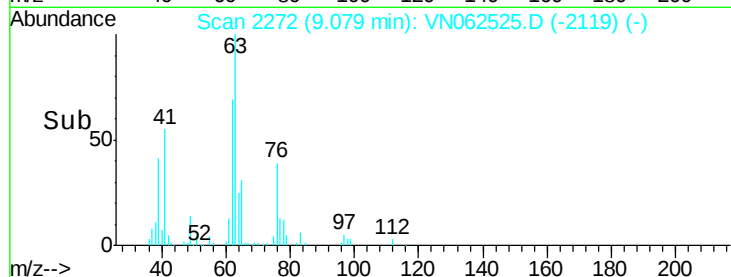
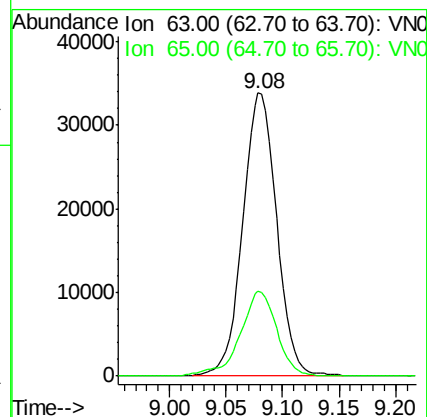
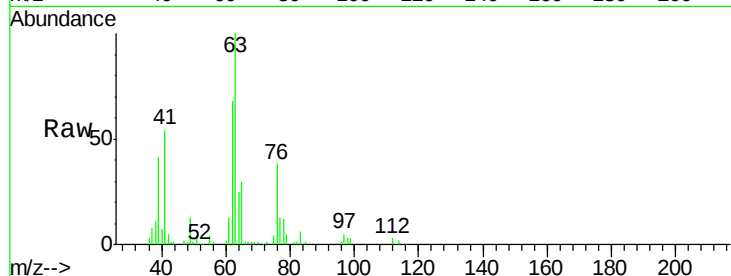
VSTDCCC020EC

Tot Ion: 63 Resp: 70870

Ion Ratio Lower Upper

63 100

65 30.3 24.2 36.4



#40

Dibromomethane

Concen: 19.311 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

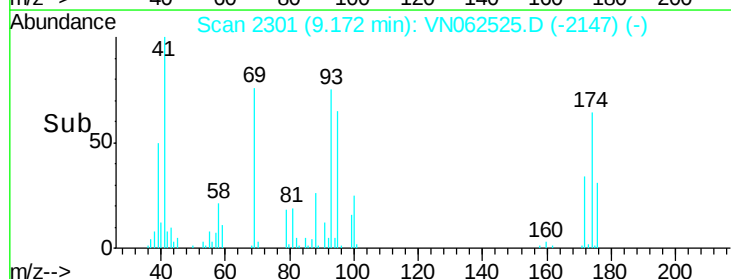
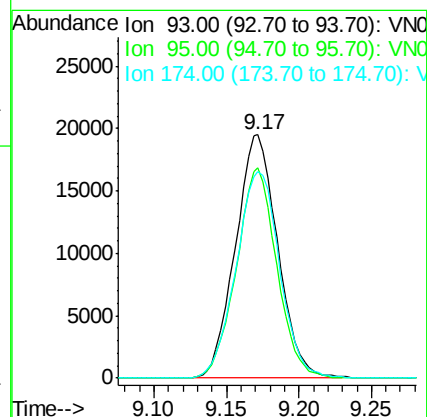
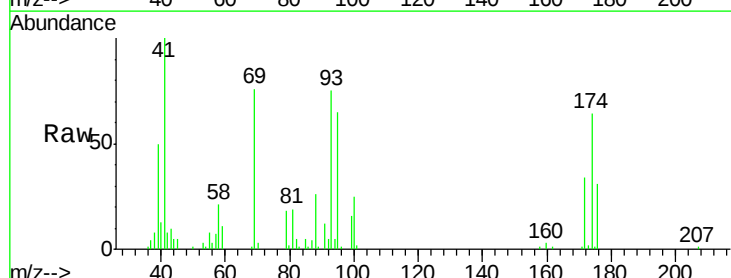
Tgt Ion: 93 Resp: 39446

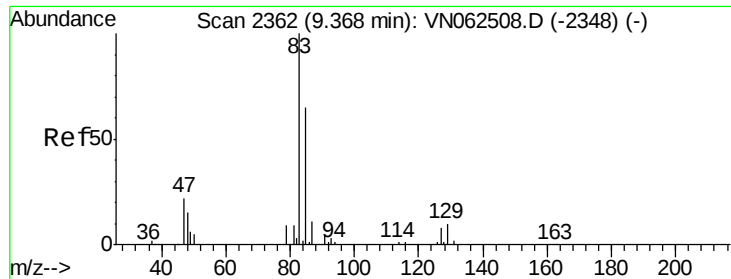
Ion Ratio Lower Upper

93 100

95 82.6 0.0 161.2

174 87.4 0.0 178.0

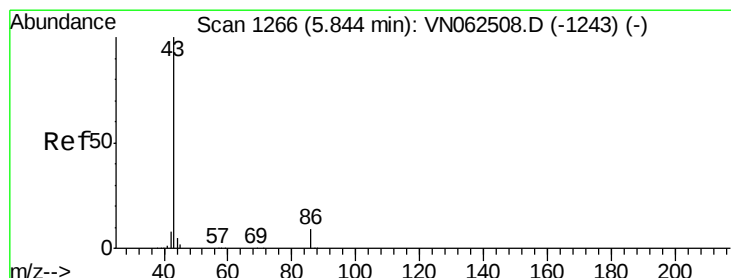
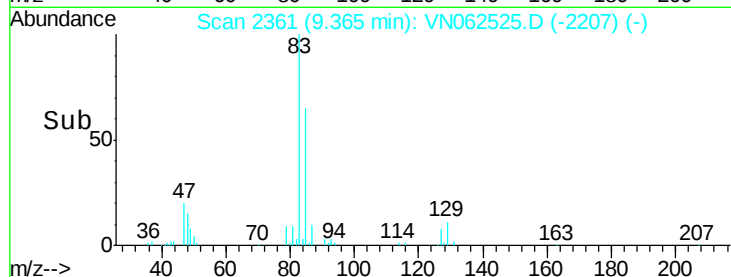
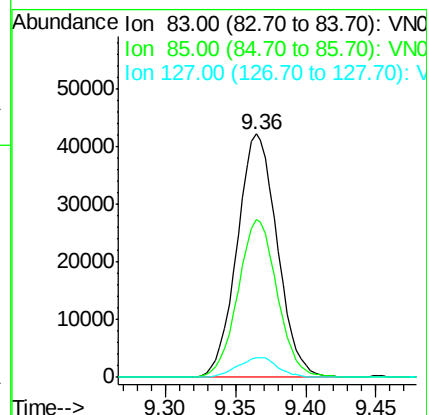
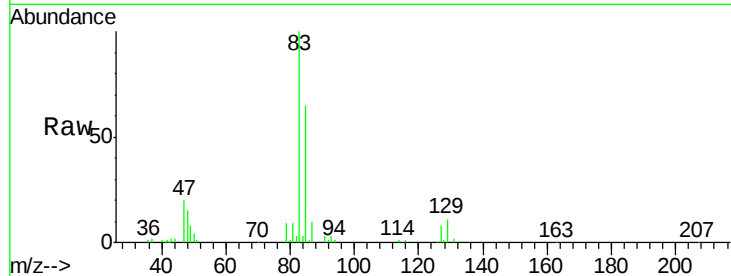




#41
 Bromodichloromethane
 Concen: 19.437 ug/l
 RT: 9.36 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

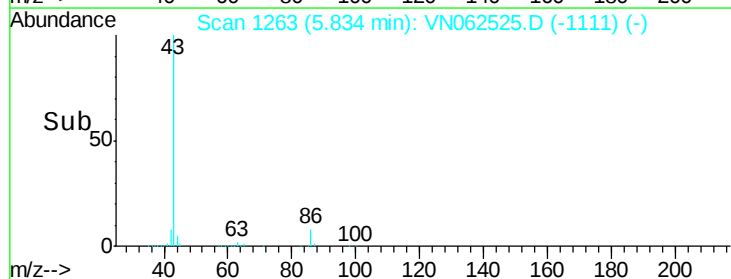
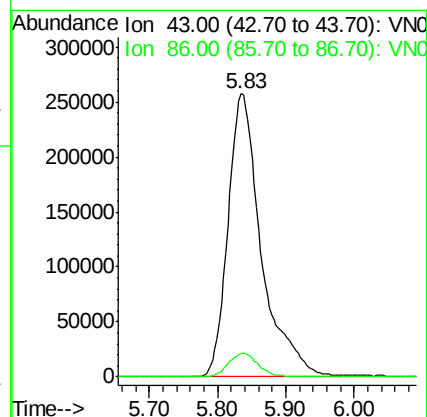
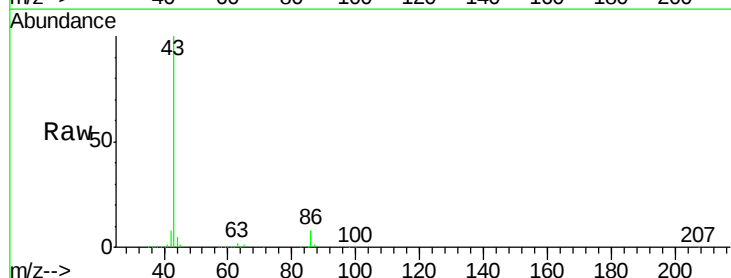
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

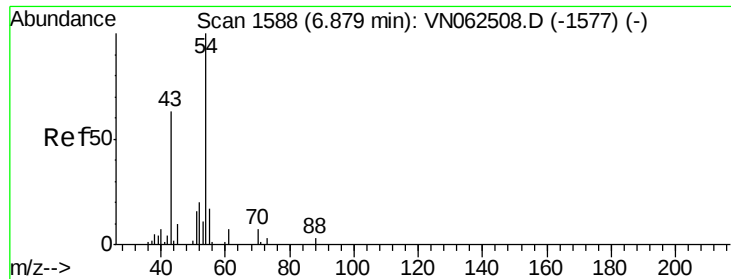
Tot Ion: 83 Resp: 84215
 Ion Ratio Lower Upper
 83 100
 85 64.6 51.6 77.4
 127 7.8 6.3 9.5



#42
 Vinyl Acetate
 Concen: 94.761 ug/l
 RT: 5.83 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Tgt Ion: 43 Resp: 874553
 Ion Ratio Lower Upper
 43 100
 86 7.5 6.1 9.1

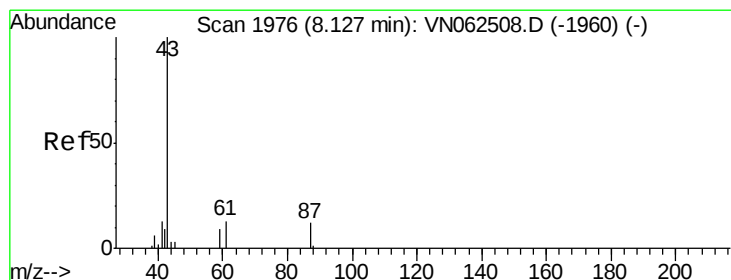
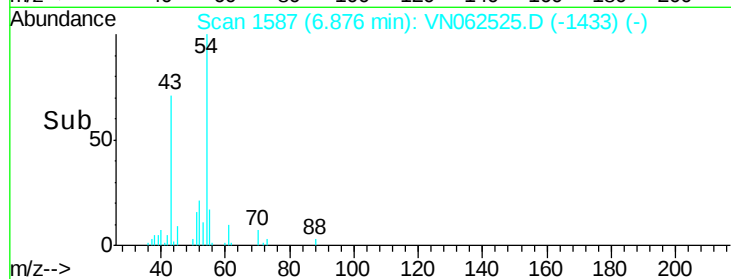
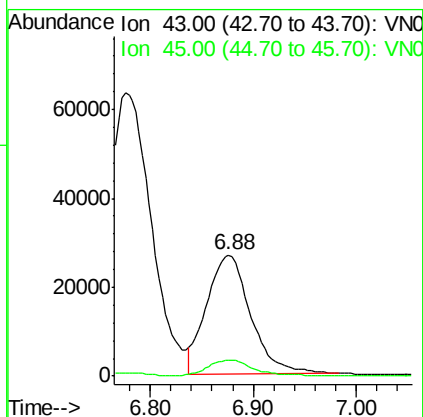
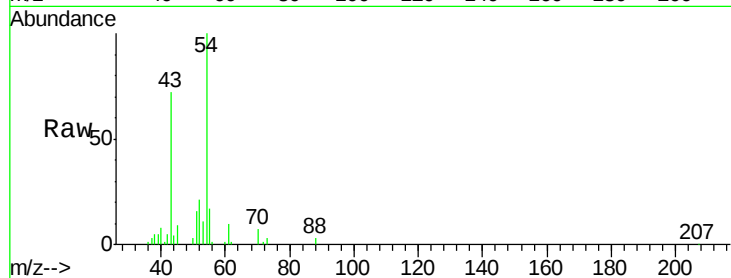




#43
Ethyl Acetate
Concen: 17.950 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

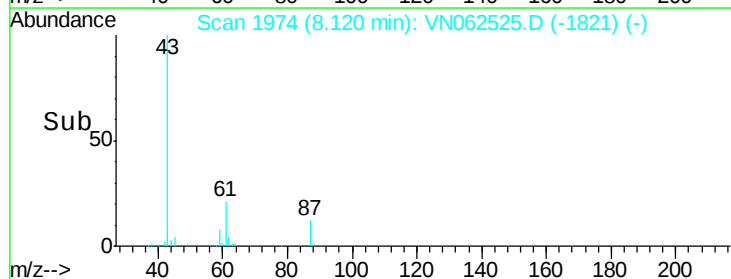
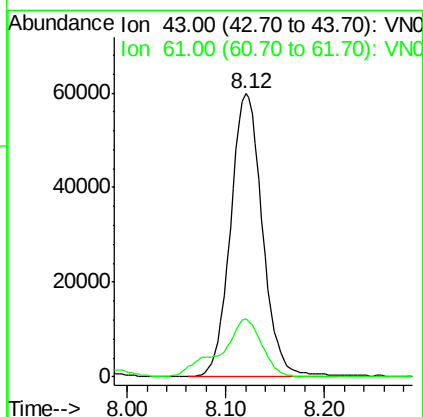
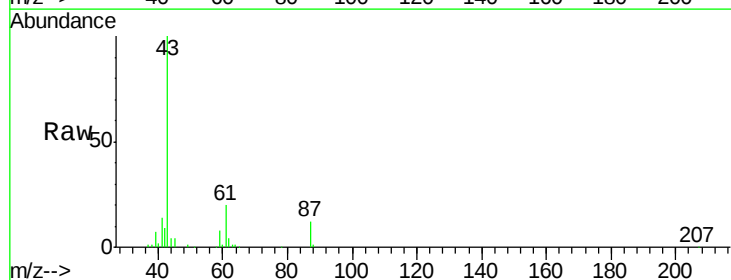
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

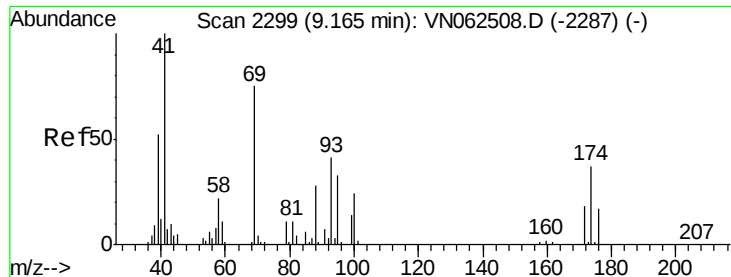
Tot Ion: 43 Resp: 80148
Ion Ratio Lower Upper
43 100
45 13.8 10.2 15.4



#44
Isopropyl Acetate
Concen: 17.990 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.01 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

Tgt Ion: 43 Resp: 134776
Ion Ratio Lower Upper
43 100
61 20.0 14.7 22.1

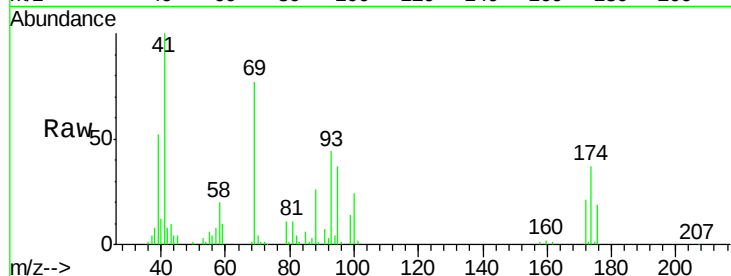




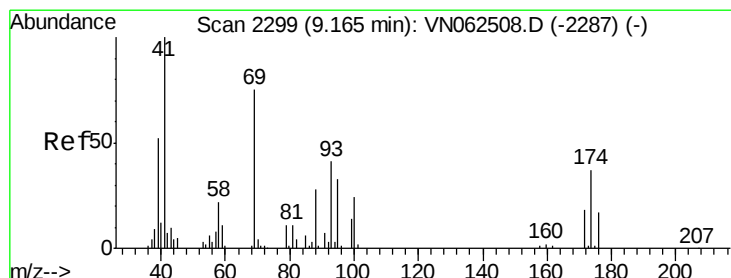
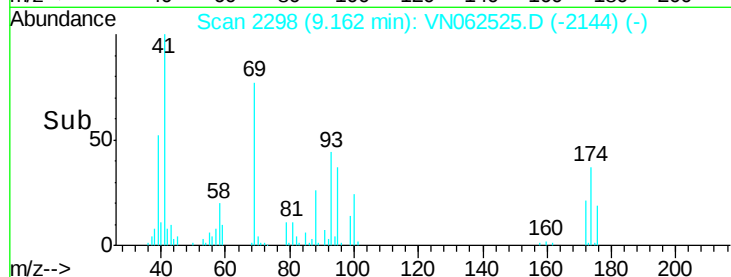
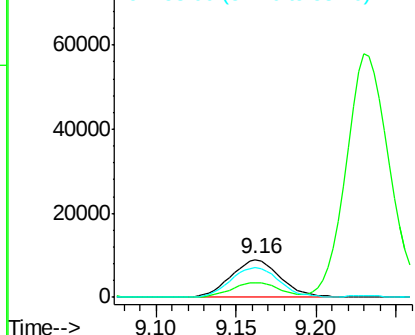
#45
 1,4-Dioxane
 Concen: 366.557 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 88 Resp: 18785
 Ion Ratio Lower Upper
 88 100
 43 37.8 29.2 43.8
 58 78.9 62.2 93.4

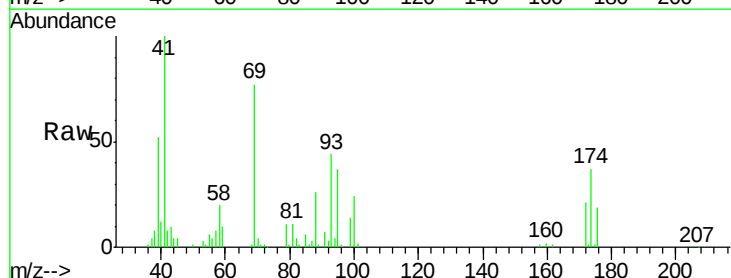


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

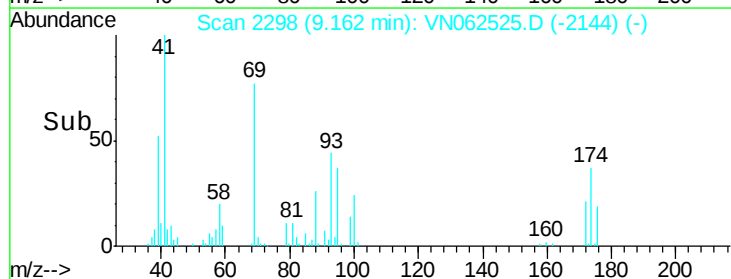
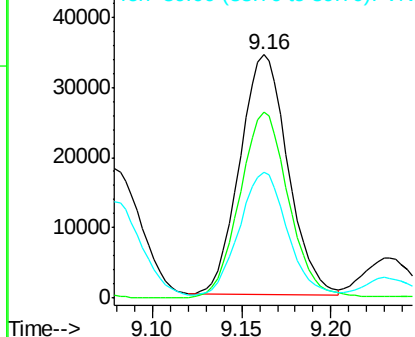


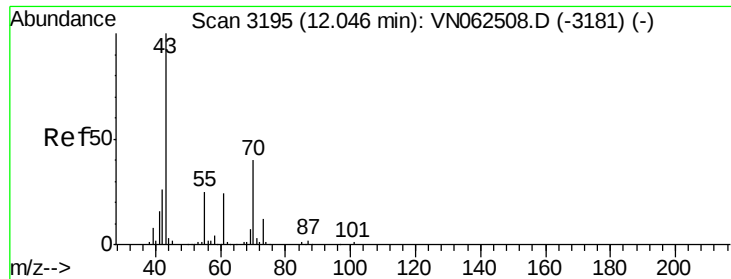
#46
 Methyl methacrylate
 Concen: 18.087 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Tgt Ion: 41 Resp: 64283
 Ion Ratio Lower Upper
 41 100
 69 78.0 37.4 112.2
 39 51.3 25.9 77.6



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

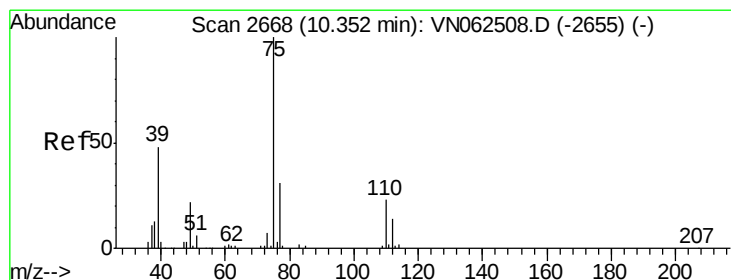
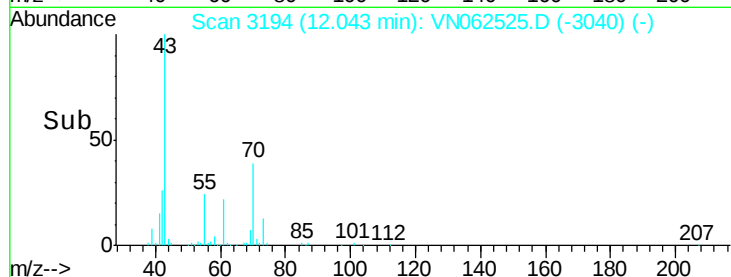
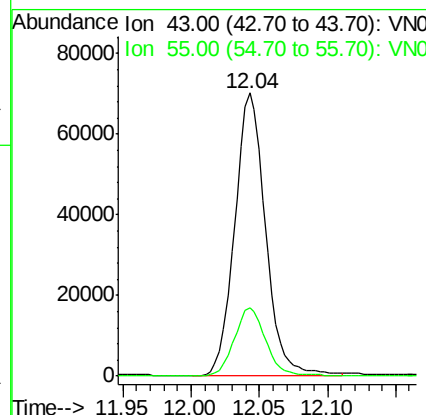
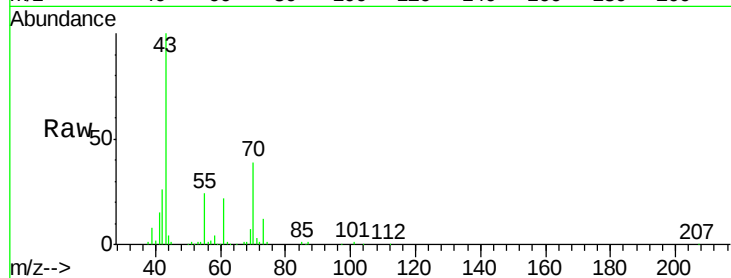




#47
 n-amvl Acetate
 Concen: 17.583 ug/l
 RT: 12.04 min Scan# 3194
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

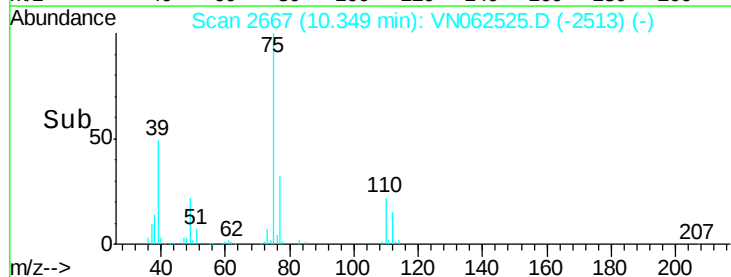
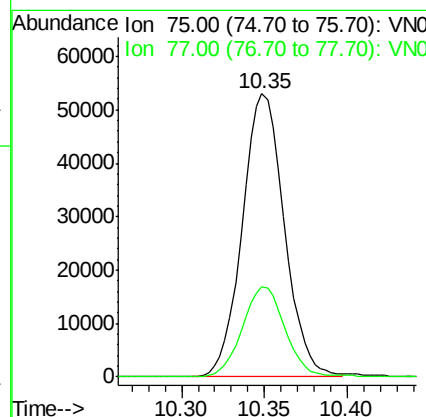
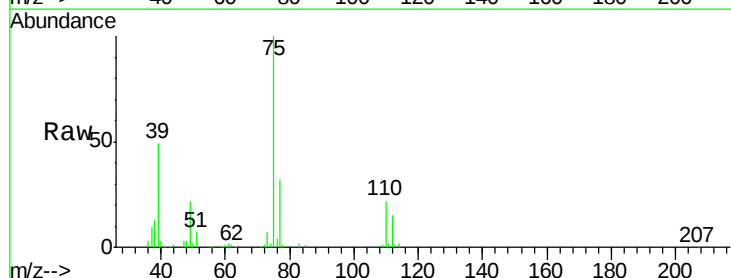
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

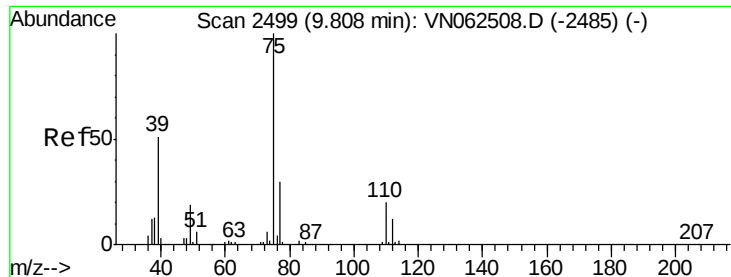
Tot Ion: 43 Resp: 111038
 Ion Ratio Lower Upper
 43 100
 55 24.5 20.4 30.6



#48
 t-1,3-Dichloropropene
 Concen: 18.491 ug/l
 RT: 10.35 min Scan# 2667
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Tgt Ion: 75 Resp: 93443
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4



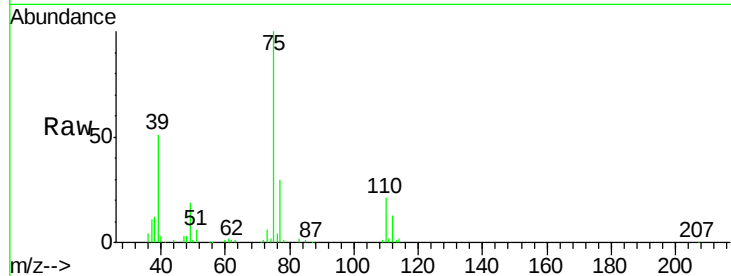


#49

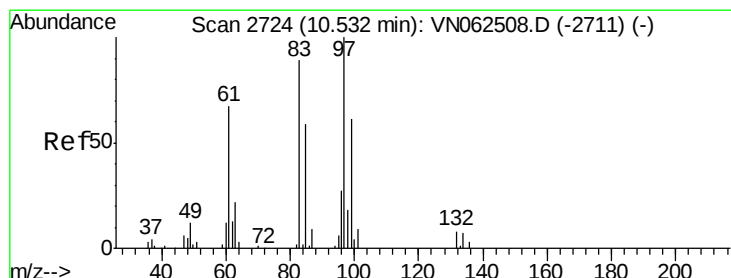
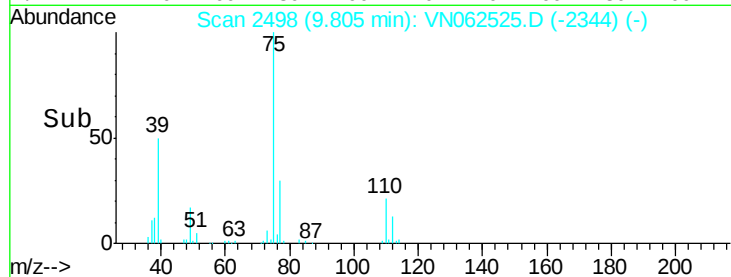
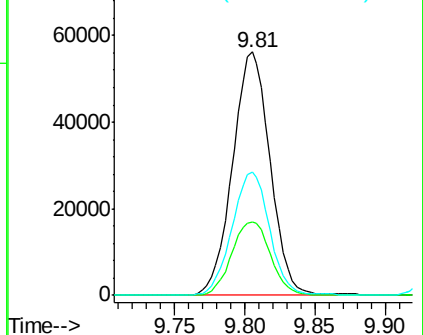
cis-1,3-Dichloropropene
 Concen: 19.212 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 75 Resp: 104802
 Ion Ratio Lower Upper
 75 100
 77 30.1 23.7 35.5
 39 50.8 40.5 60.7



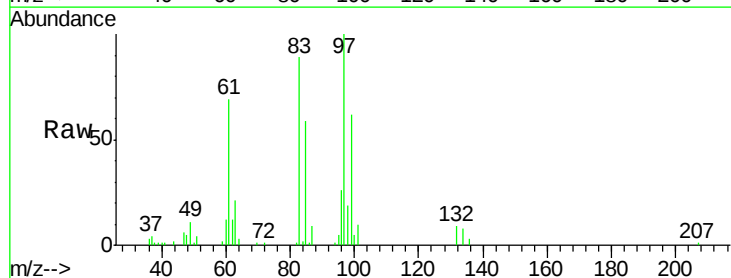
Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO



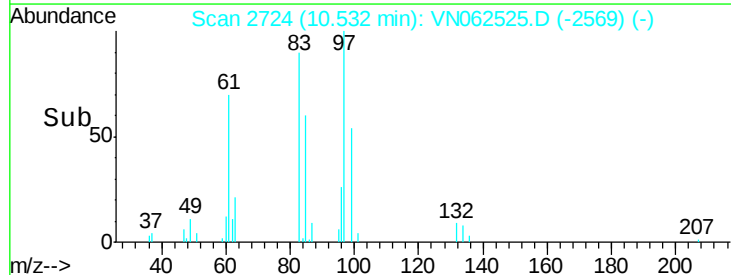
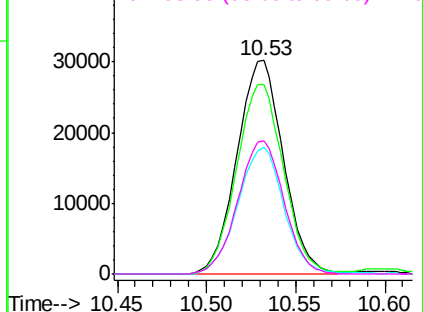
#50

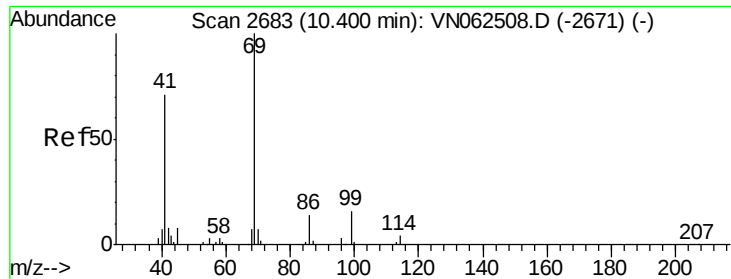
1,1,2-Trichloroethane
 Concen: 19.142 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Tgt Ion: 97 Resp: 54810
 Ion Ratio Lower Upper
 97 100
 83 88.9 71.3 106.9
 85 59.1 47.2 70.8
 99 62.2 48.4 72.6



Abundance Ion 97.00 (96.70 to 97.70): VNO
 Ion 82.95 (82.65 to 83.65): VNO
 Ion 84.95 (84.65 to 85.65): VNO
 Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 17.885 ug/l

RT: 10.40 min Scan# 2682

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

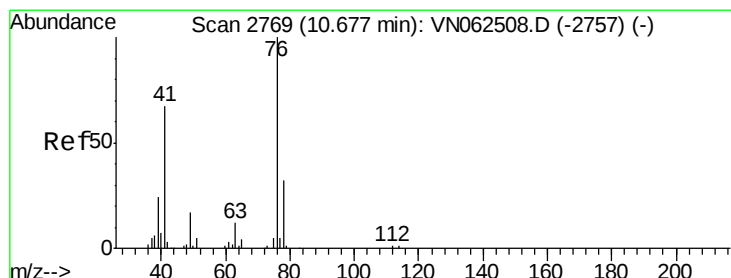
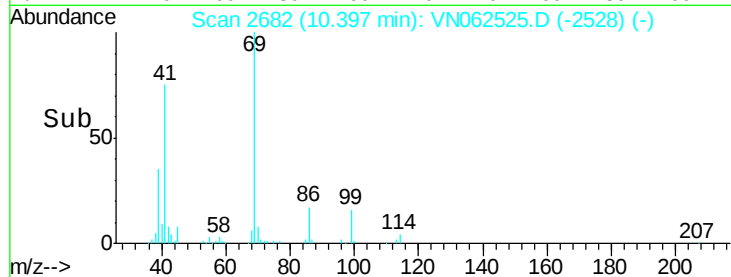
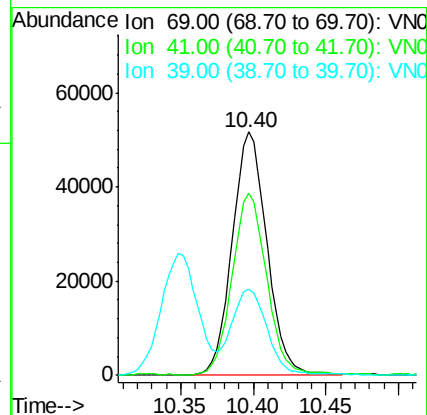
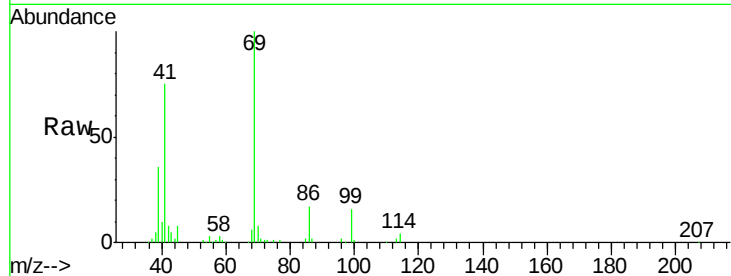
Tot Ion: 69 Resp: 86222

Ion Ratio Lower Upper

69 100

41 74.4 35.6 106.8

39 35.0 17.2 51.5



#52

1,3-Dichloropropane

Concen: 19.460 ug/l

RT: 10.67 min Scan# 2768

Delta R.T. -0.00 min

Lab File: VN062525.D

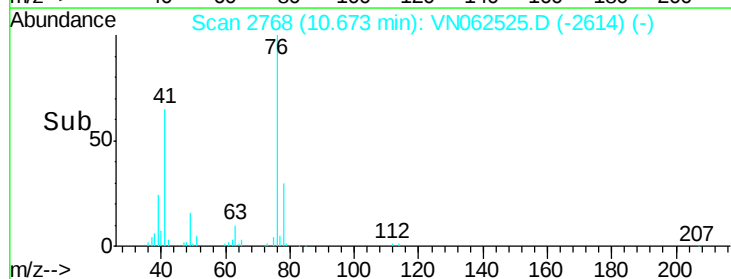
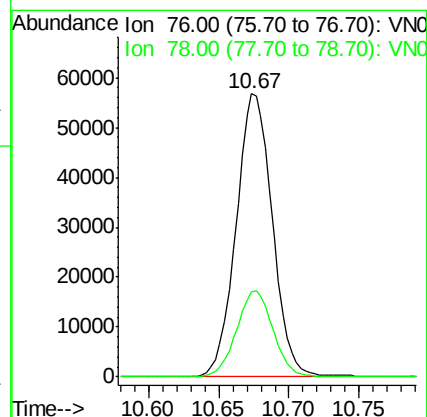
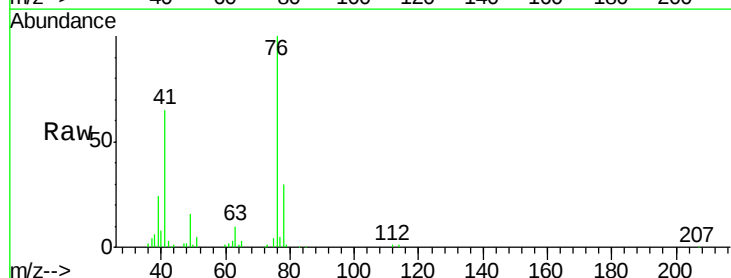
Acq: 14 Jul 2020 14:15

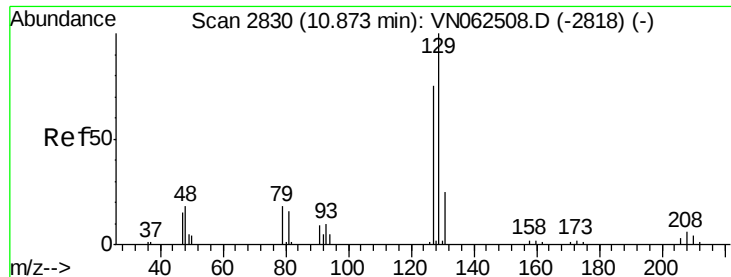
Tgt Ion: 76 Resp: 102263

Ion Ratio Lower Upper

76 100

78 30.5 0.0 63.6

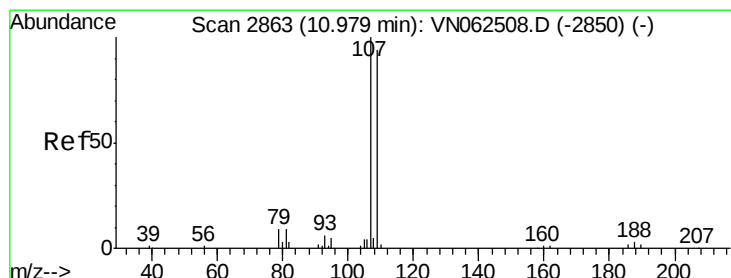
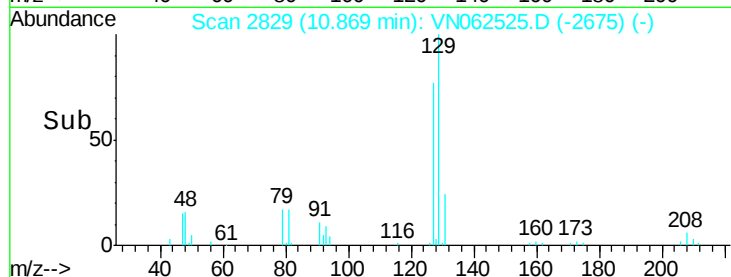
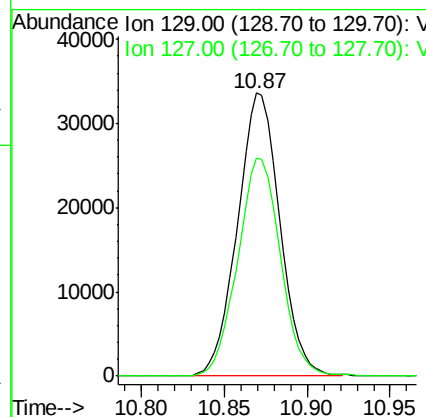
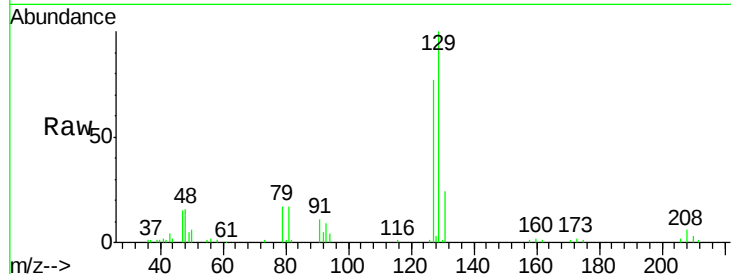




#53
Dibromochloromethane
Concen: 19.180 ug/l
RT: 10.87 min Scan# 2829
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

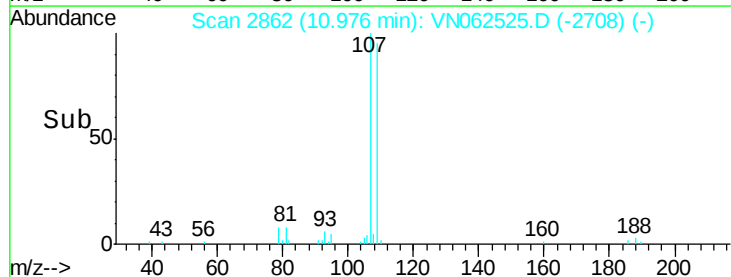
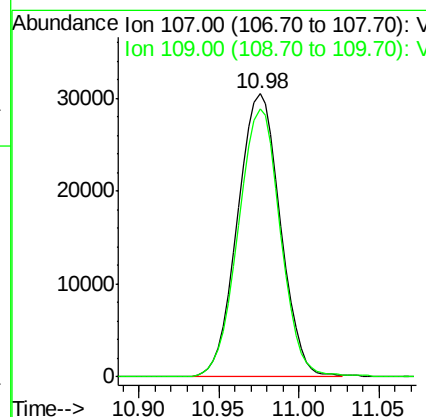
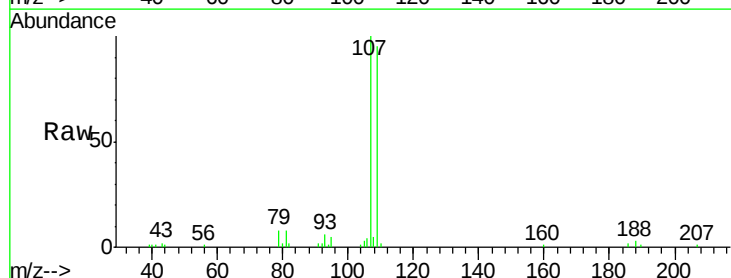
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

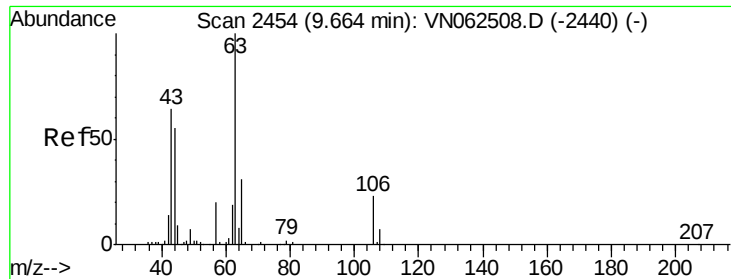
Tot Ion:129 Resp: 59833
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.5



#54
1,2-Dibromoethane
Concen: 18.916 ug/l
RT: 10.98 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

Tgt Ion:107 Resp: 55437
Ion Ratio Lower Upper
107 100
109 93.4 74.8 112.2

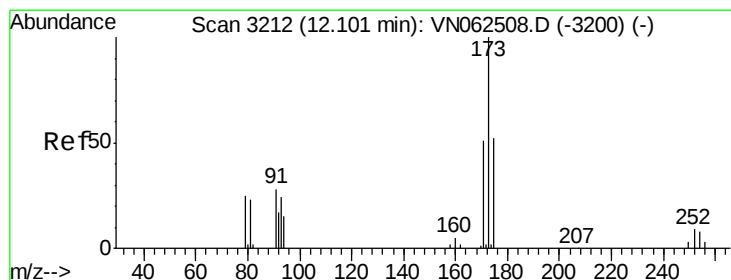
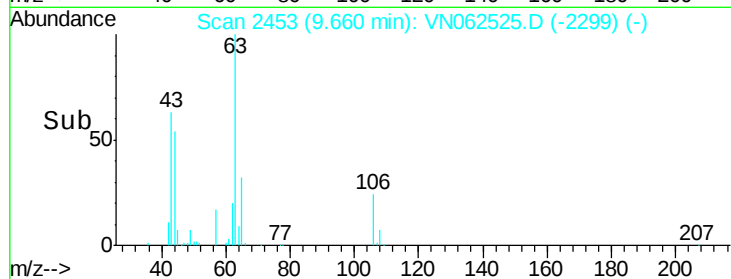
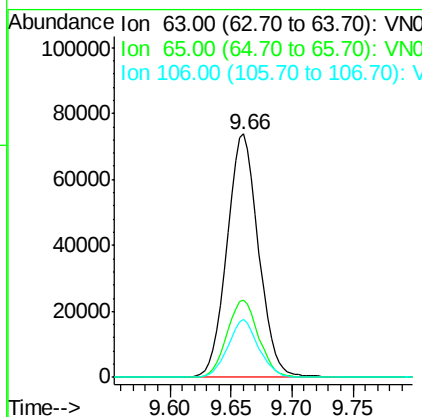
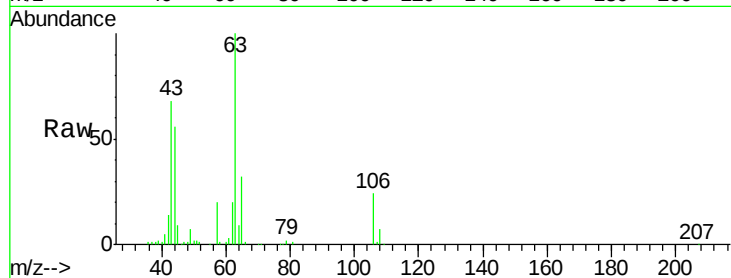




#55
 2-Chloroethyl vinyl ether
 Concen: 86.721 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

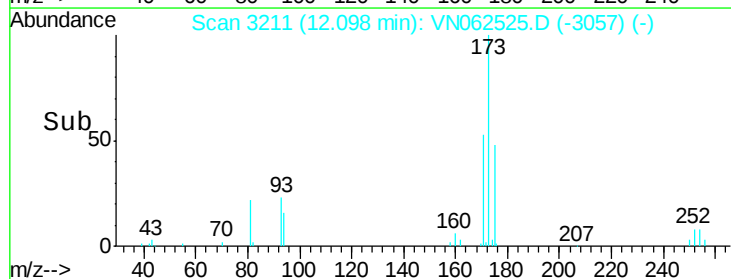
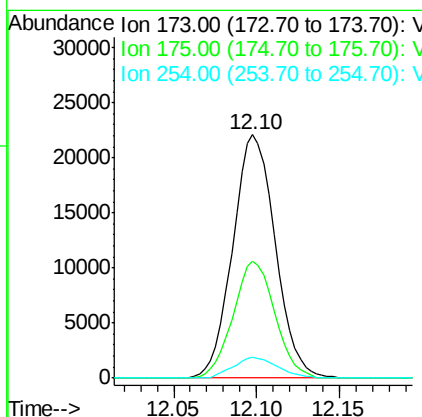
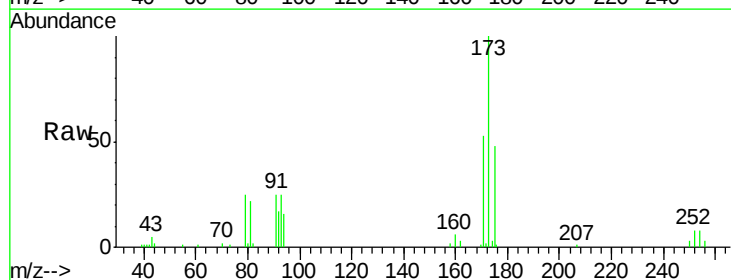
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

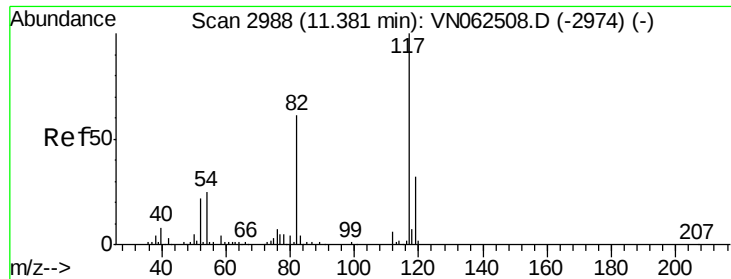
Tot Ion: 63 Resp: 133527
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.4 38.2
 106 23.0 18.4 27.6



#56
 Bromoform
 Concen: 18.546 ug/l
 RT: 12.10 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Tgt Ion: 173 Resp: 39517
 Ion Ratio Lower Upper
 173 100
 175 47.0 38.1 57.1
 254 8.7 6.2 9.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.38 min Scan# 2987

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

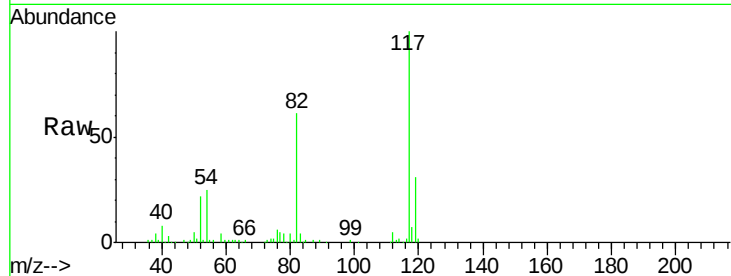
Tot Ion:117 Resp: 226427

Ion Ratio Lower Upper

117 100

82 60.8 49.0 73.6

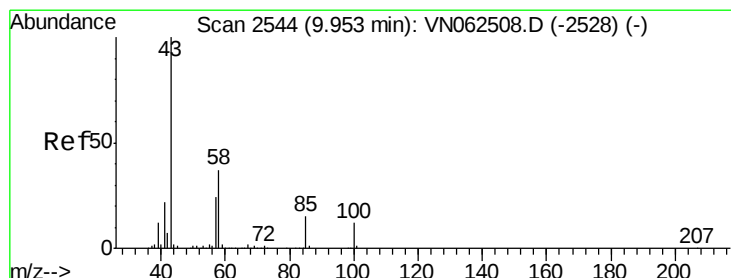
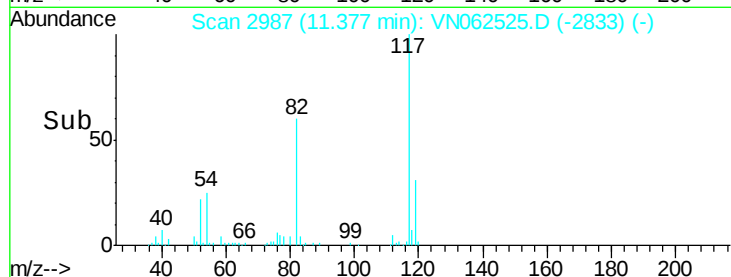
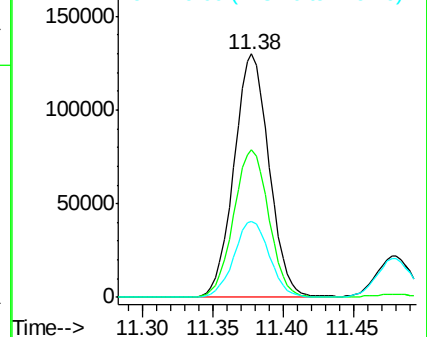
119 31.7 25.6 38.4



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: 89.576 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

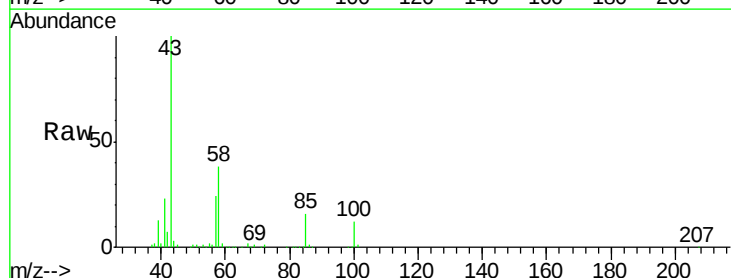
Tgt Ion: 43 Resp: 395168

Ion Ratio Lower Upper

43 100

58 36.9 29.6 44.4

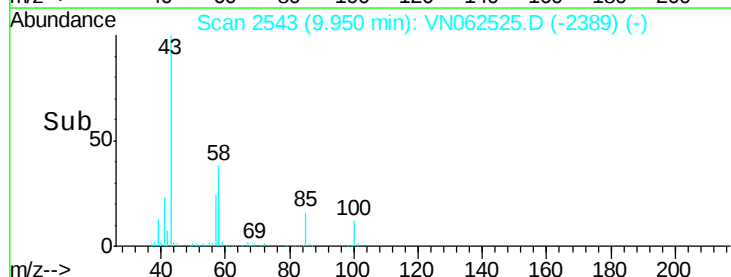
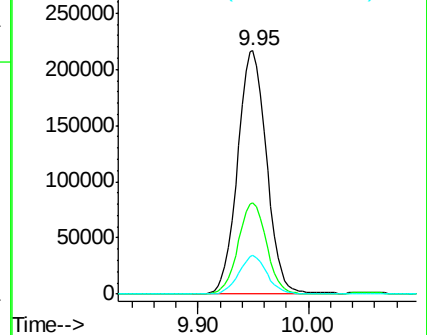
85 15.1 12.0 18.0

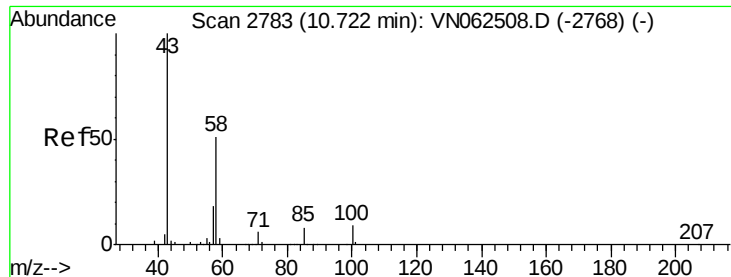


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 58.00 (57.70 to 58.70): V

Ion 85.00 (84.70 to 85.70): V

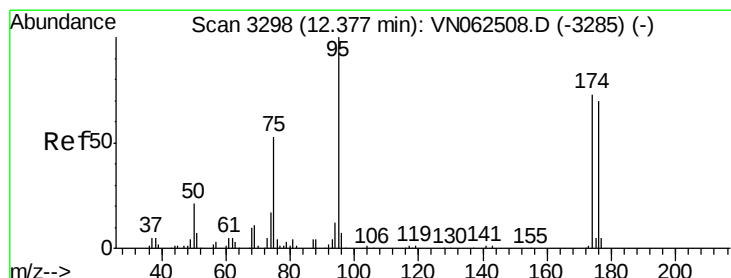
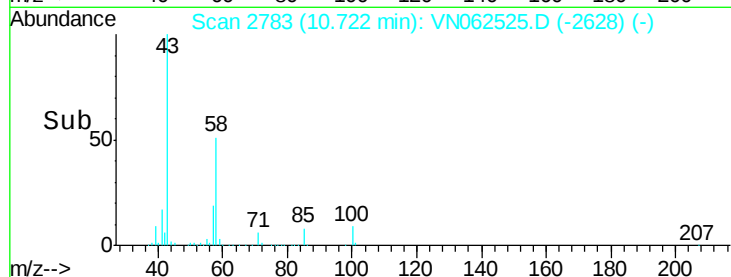
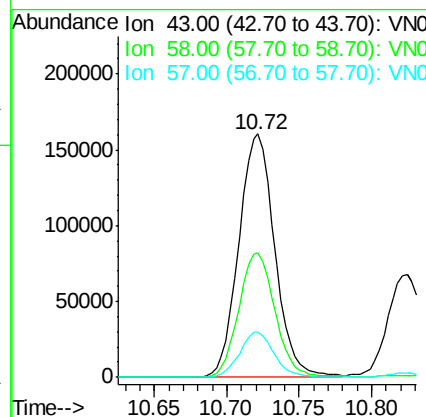
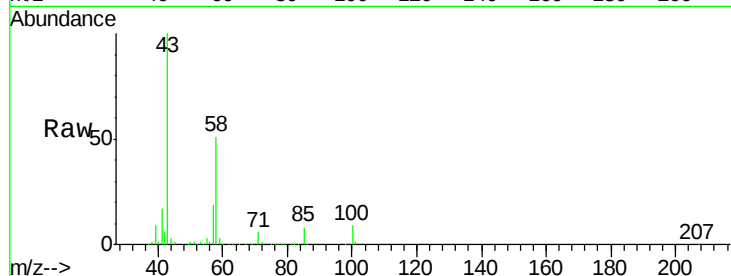




#59
2-Hexanone
Concen: 85.432 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

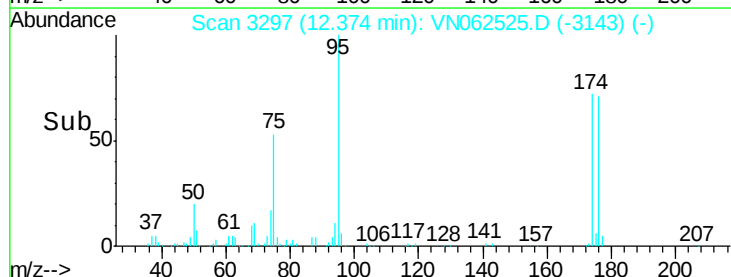
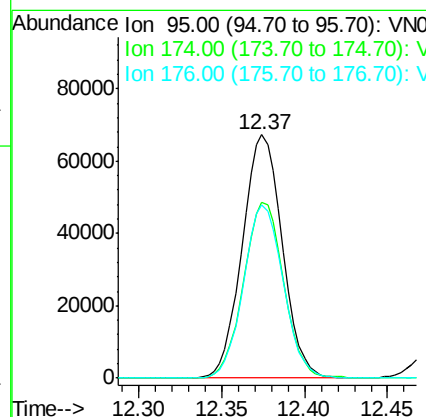
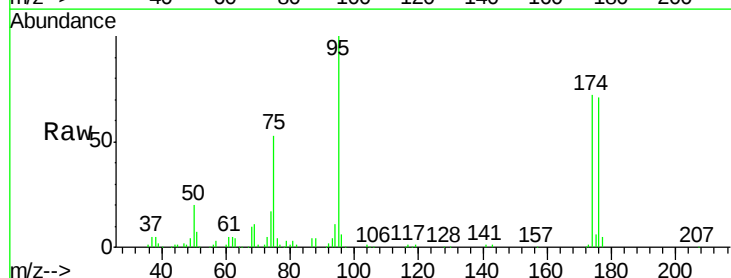
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

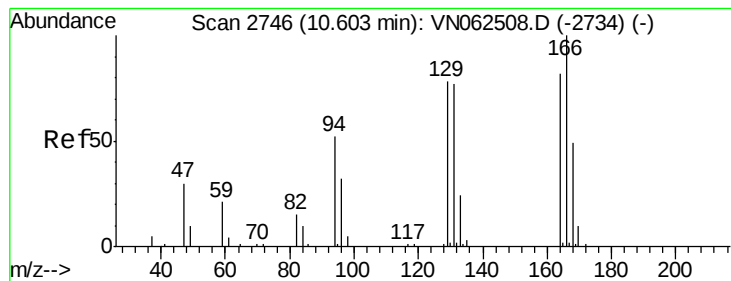
Tot Ion: 43 Resp: 276408
Ion Ratio Lower Upper
43 100
58 52.1 41.2 61.8
57 18.2 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 29.343 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

Tgt Ion: 95 Resp: 113066
Ion Ratio Lower Upper
95 100
174 72.3 57.5 86.3
176 70.8 56.3 84.5





#61

Tetrachloroethene

Concen: 20.556 ug/l

RT: 10.60 min Scan# 2745

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 47664

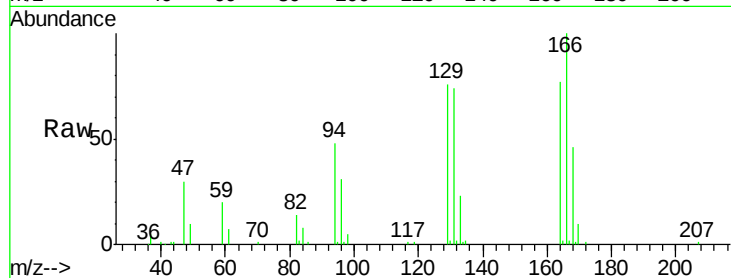
Ion Ratio Lower Upper

164 100

166 130.0 97.7 146.5

129 99.4 77.0 115.4

131 96.7 75.0 112.6

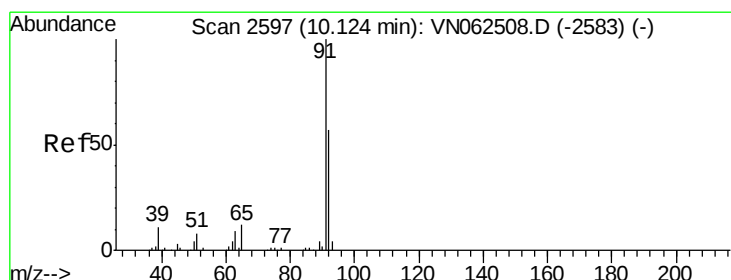
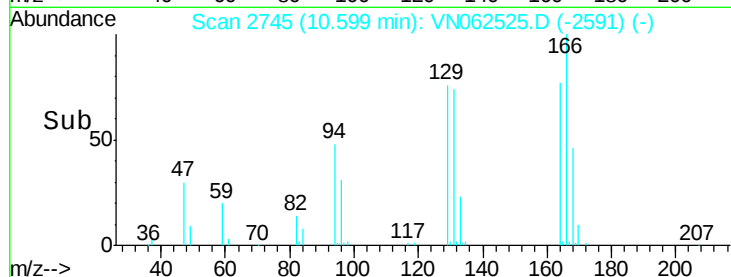
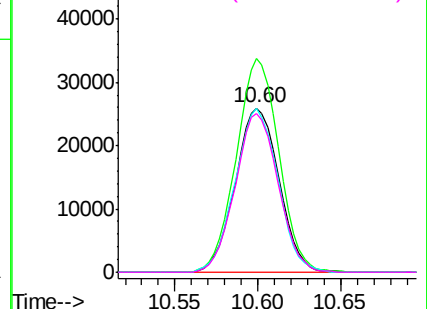


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.925 ug/l

RT: 10.12 min Scan# 2596

Delta R.T. -0.00 min

Lab File: VN062525.D

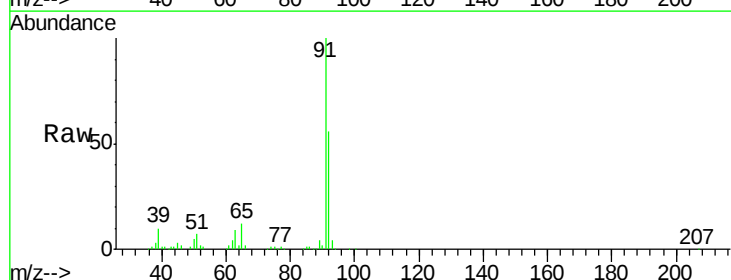
Acq: 14 Jul 2020 14:15

Tgt Ion: 91 Resp: 255945

Ion Ratio Lower Upper

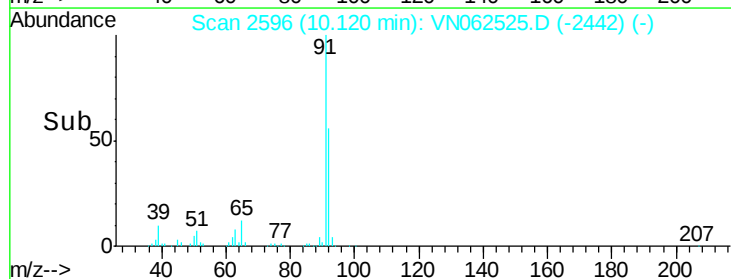
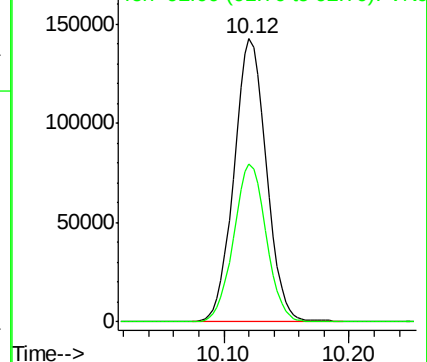
91 100

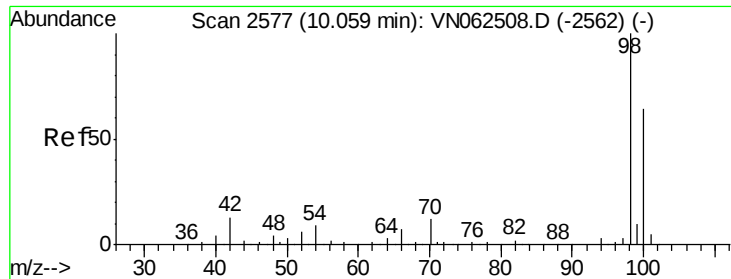
92 56.3 45.8 68.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.072 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

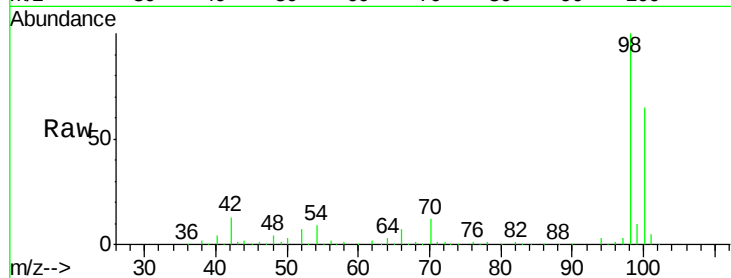
VSTDCCC020EC

Tot Ion: 98 Resp: 321752

Ion Ratio Lower Upper

98 100

100 63.9 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN062508.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062508.D (-2562) (-)

10.06

150000

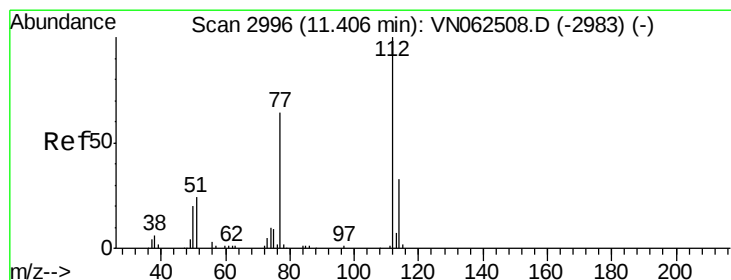
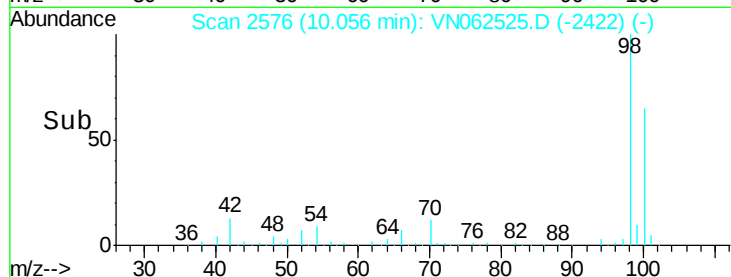
100000

50000

0

10.00 10.10

Time-->



#64

Chlorobenzene

Concen: 19.524 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062525.D

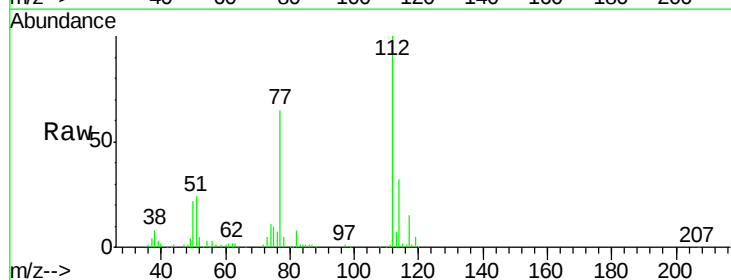
Acq: 14 Jul 2020 14:15

Tgt Ion: 112 Resp: 147365

Ion Ratio Lower Upper

112 100

114 31.5 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): VN062508.D (-2983) (-)

Ion 114.00 (113.70 to 114.70): VN062508.D (-2983) (-)

11.40

100000

80000

60000

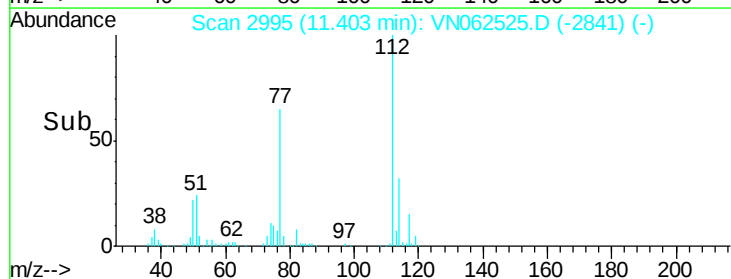
40000

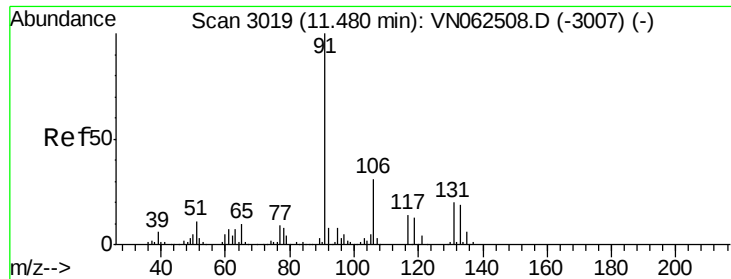
20000

0

11.35 11.45

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.543 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

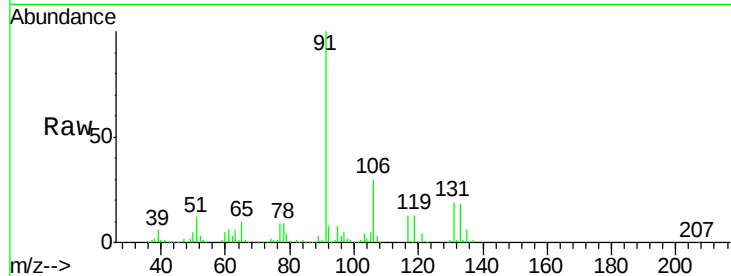
Tot Ion:131 Resp: 54603

Ion Ratio Lower Upper

131 100

133 94.3 0.0 191.4

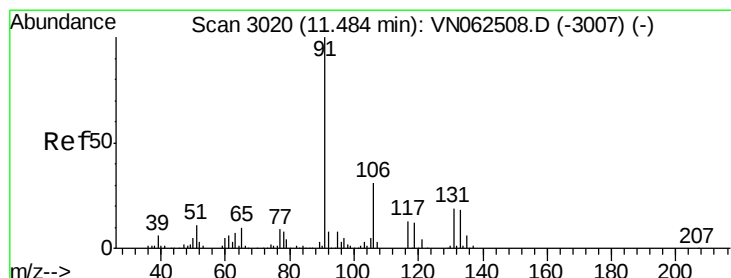
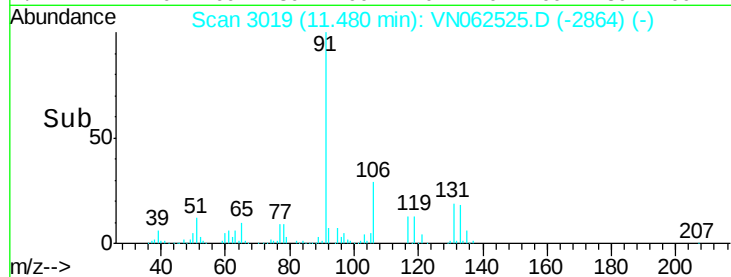
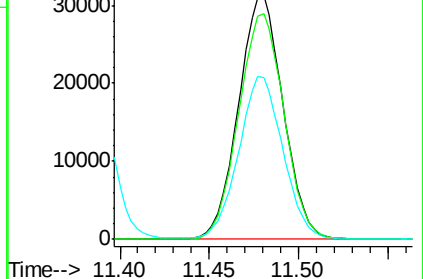
119 66.4 0.0 136.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.337 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062525.D

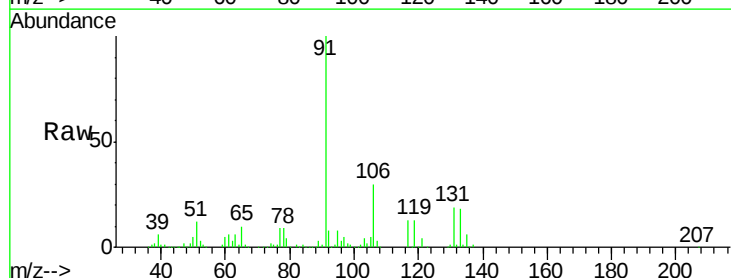
Acq: 14 Jul 2020 14:15

Tgt Ion: 91 Resp: 275067

Ion Ratio Lower Upper

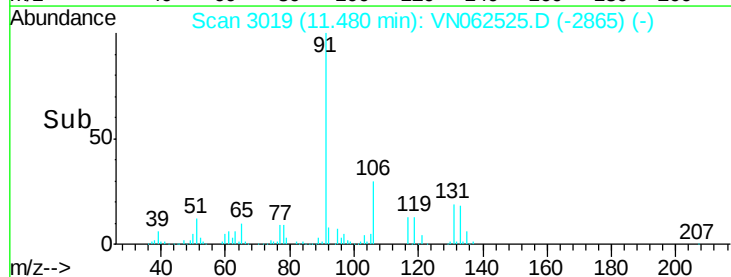
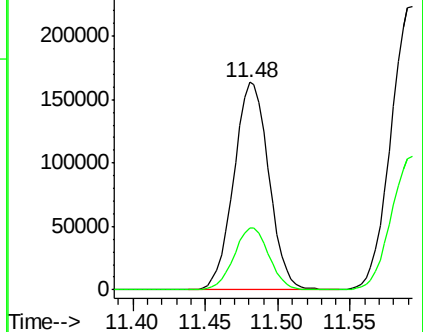
91 100

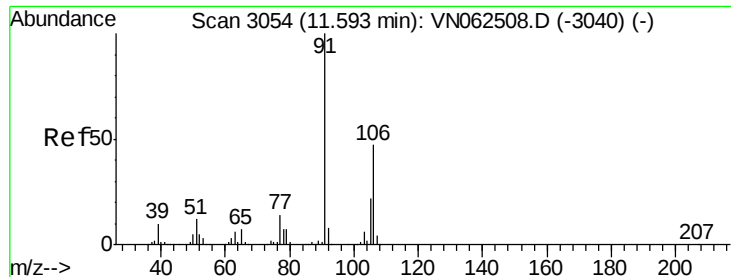
106 30.0 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

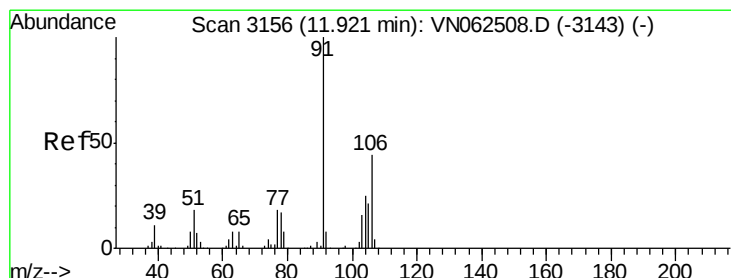
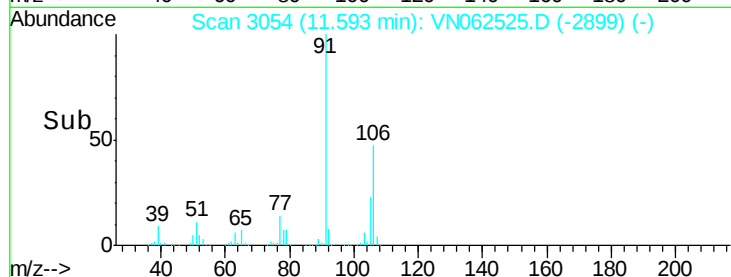
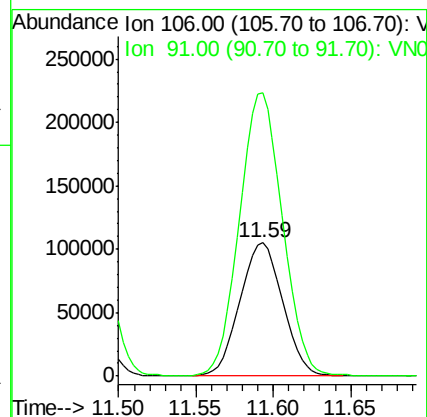
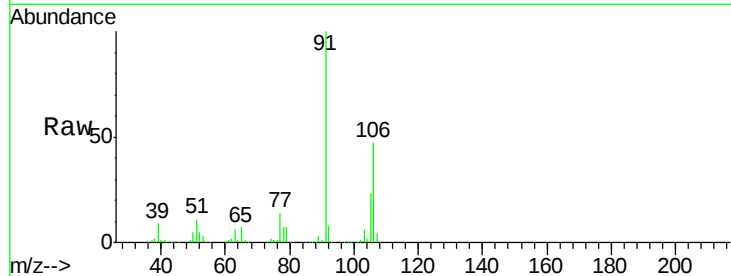




#67
m/p-Xylenes
Concen: 39.329 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

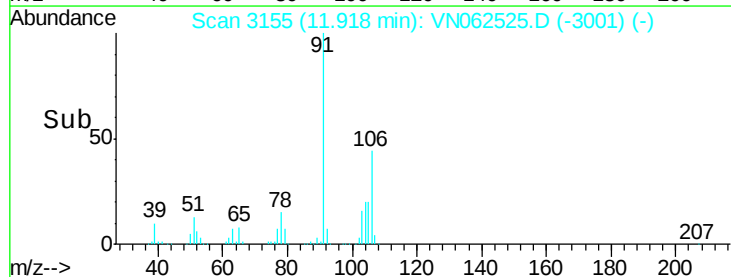
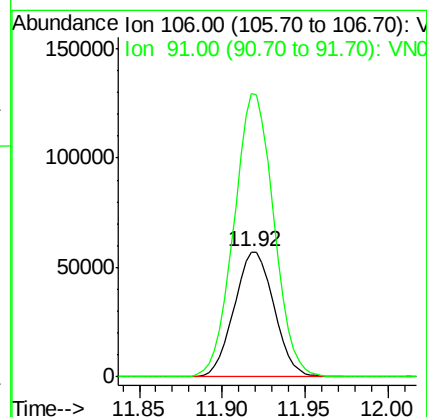
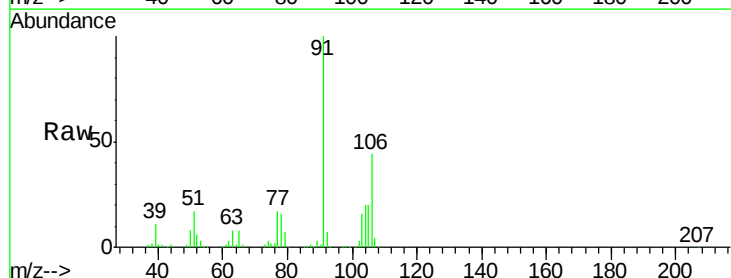
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

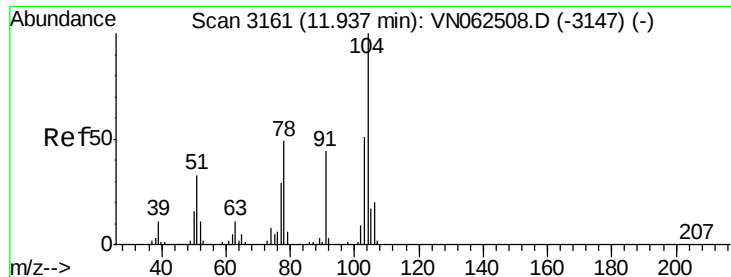
Tot Ion:106 Resp: 203056
Ion Ratio Lower Upper
106 100
91 212.0 170.7 256.1



#68
o-Xylene
Concen: 19.274 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

Tgt Ion:106 Resp: 95500
Ion Ratio Lower Upper
106 100
91 226.2 113.9 341.6

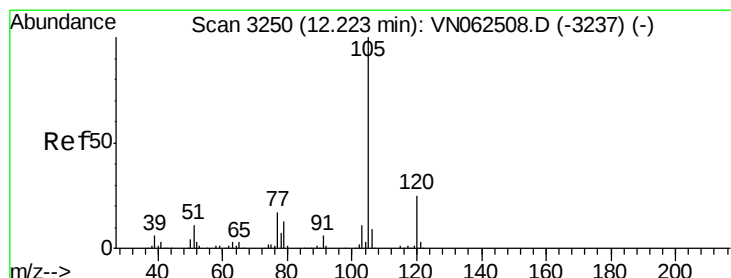
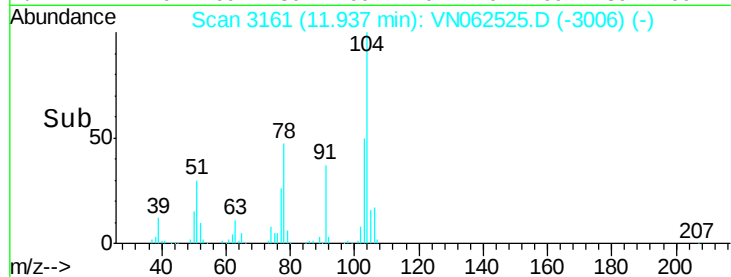
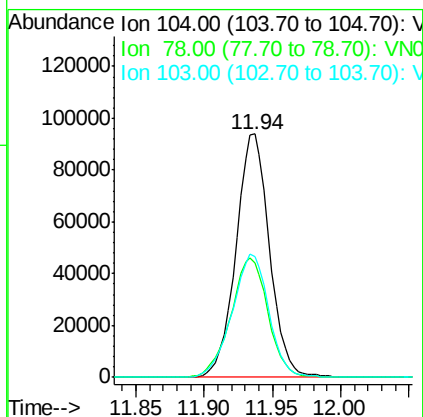
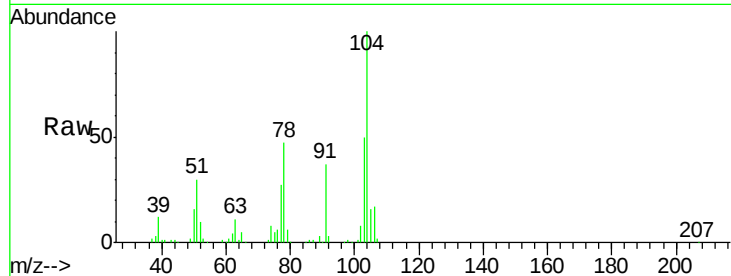




#69
Stvrene
Concen: 19.042 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

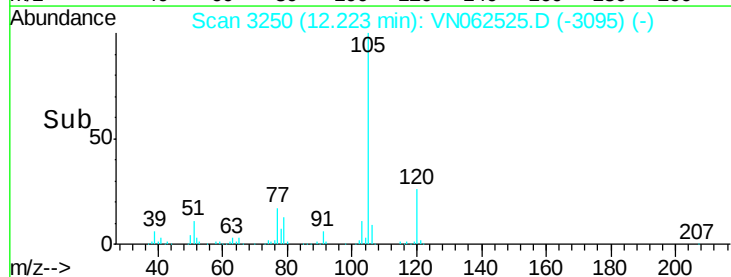
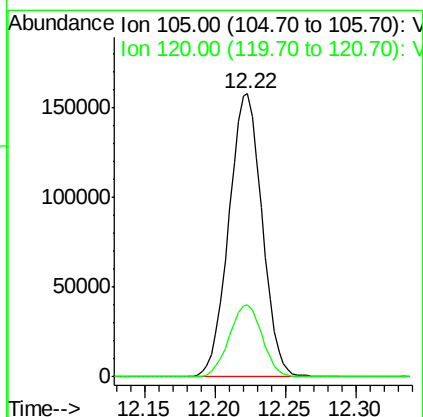
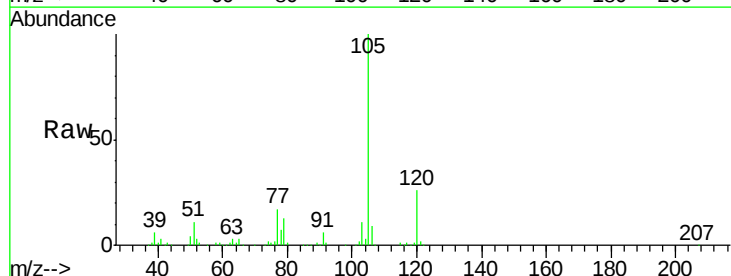
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

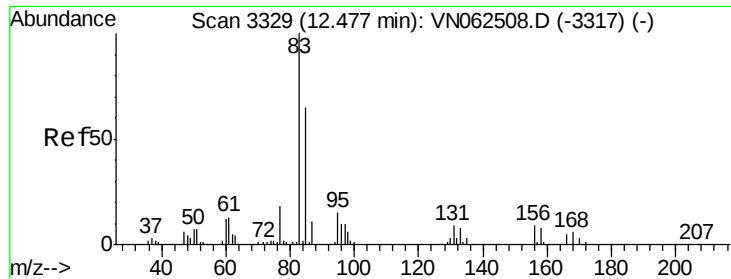
Tot Ion:104 Resp: 160137
Ion Ratio Lower Upper
104 100
78 54.3 43.9 65.9
103 55.6 43.8 65.6



#70
Isopropylbenzene
Concen: 19.596 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

Tgt Ion:105 Resp: 260644
Ion Ratio Lower Upper
105 100
120 25.3 17.6 32.8





#71

1,1,2,2-Tetrachloroethane

Concen: 18.422 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

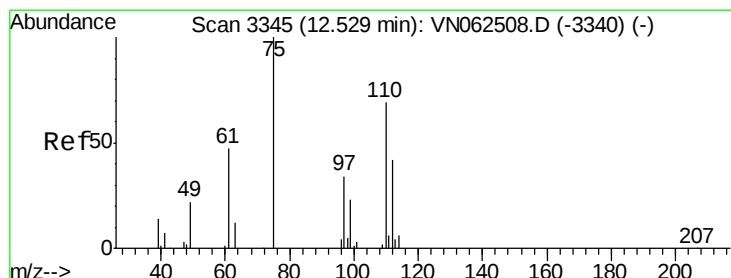
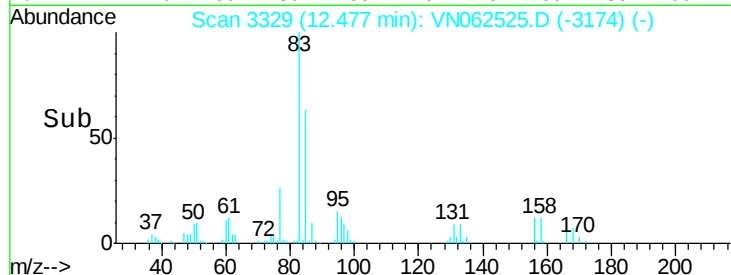
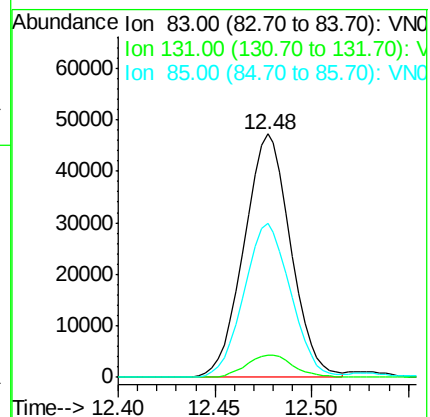
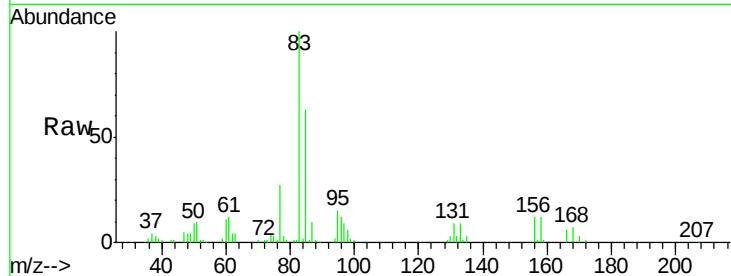
Tot Ion: 83 Resp: 79192

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.7

85 63.5 32.5 97.4



#72

1,2,3-Trichloropropane

Concen: 17.331 ug/l m

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062525.D

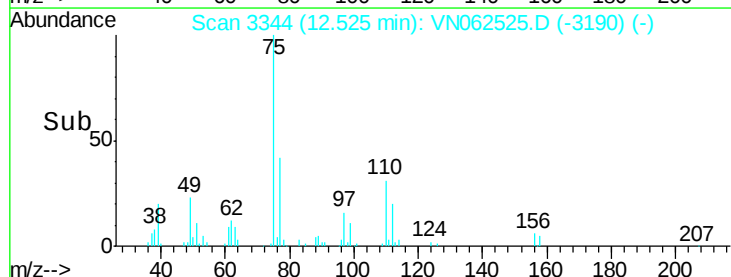
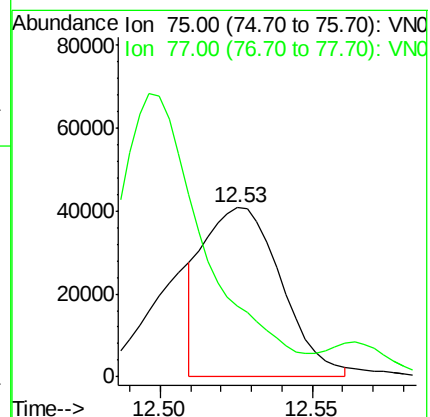
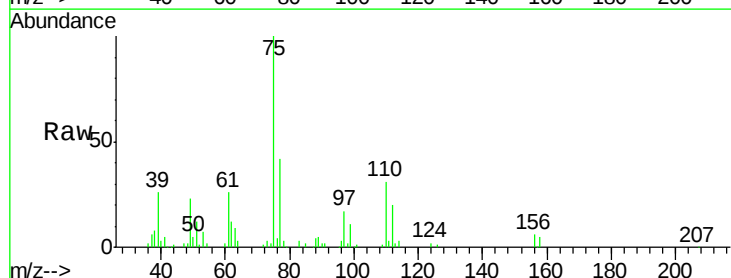
Acq: 14 Jul 2020 14:15

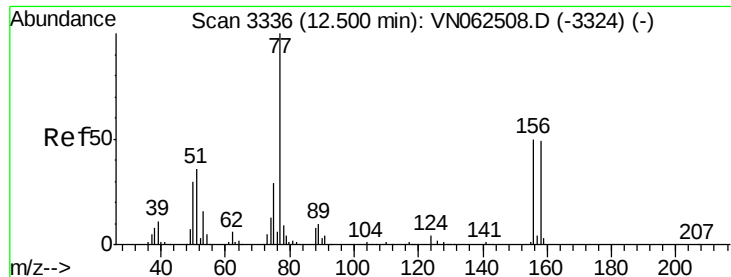
Tgt Ion: 75 Resp: 72468

Ion Ratio Lower Upper

75 100

77 192.7 0.0 376.2





#73

Bromobenzene

Concen: 19.019 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

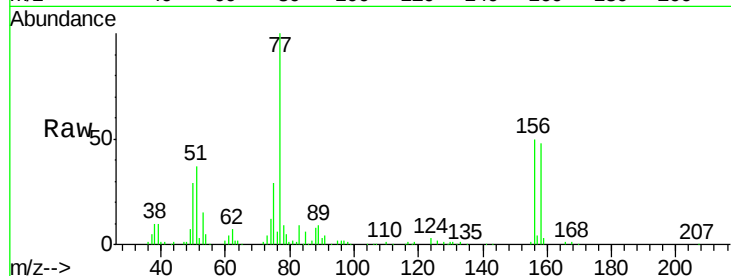
Tot Ion:156 Resp: 58588

Ion Ratio Lower Upper

156 100

77 238.4 0.0 485.0

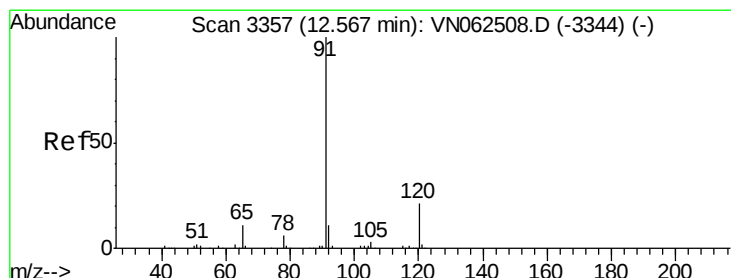
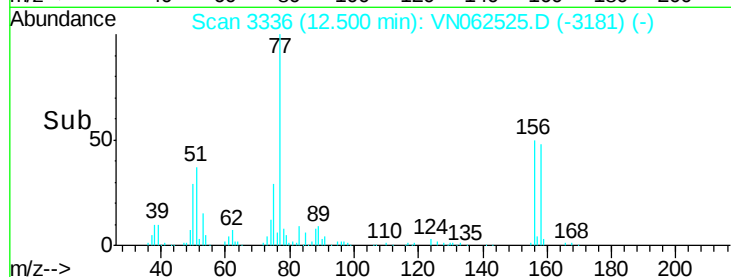
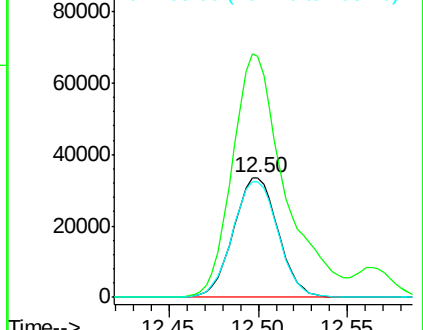
158 98.5 0.0 192.6



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: 19.563 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062525.D

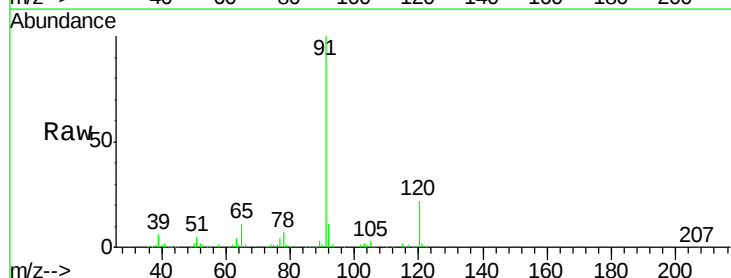
Acq: 14 Jul 2020 14:15

Tgt Ion: 91 Resp: 309301

Ion Ratio Lower Upper

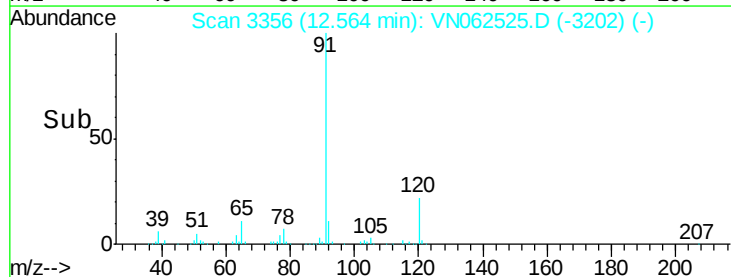
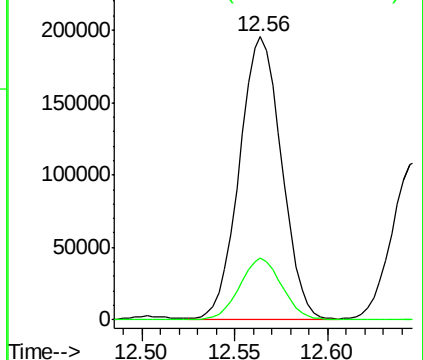
91 100

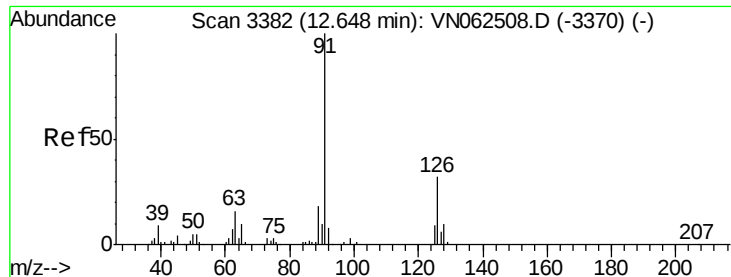
120 21.5 0.0 42.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.433 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

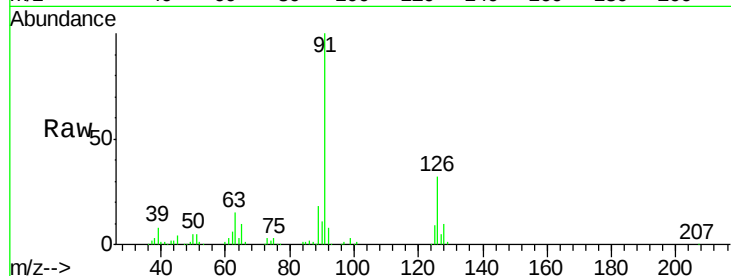
VSTDCCC020EC

Tot Ion: 91 Resp: 184983

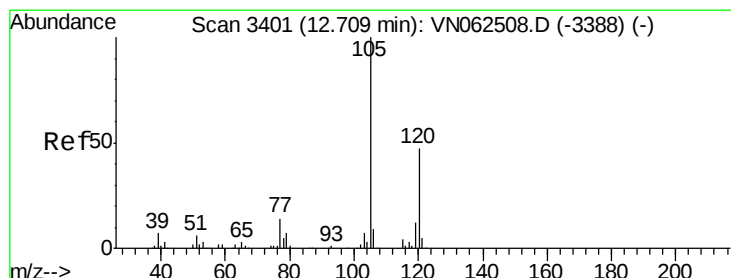
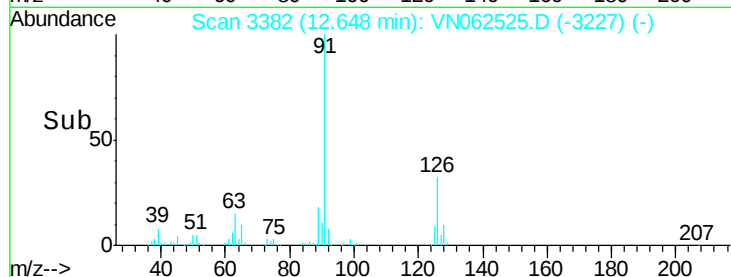
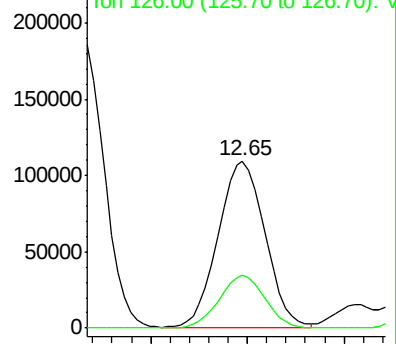
Ion Ratio Lower Upper

91 100

126 31.1 0.0 62.2



Abundance Ion 91.00 (90.70 to 91.70): VN062525.D (-3227) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.235 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN062525.D

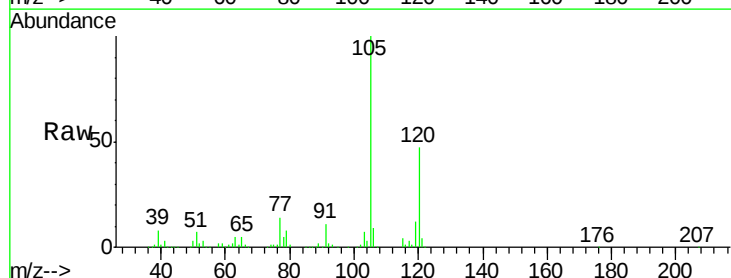
Acq: 14 Jul 2020 14:15

Tgt Ion: 105 Resp: 217999

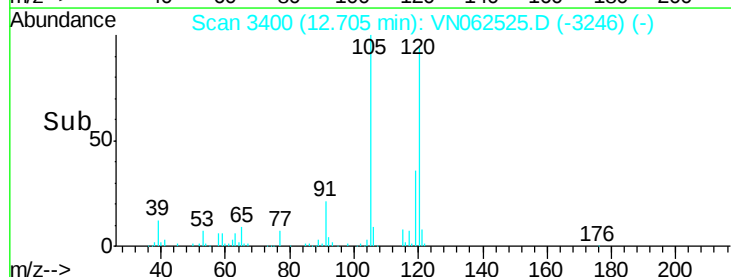
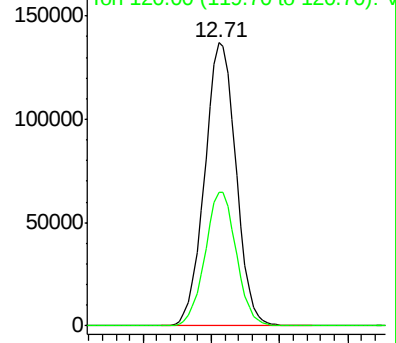
Ion Ratio Lower Upper

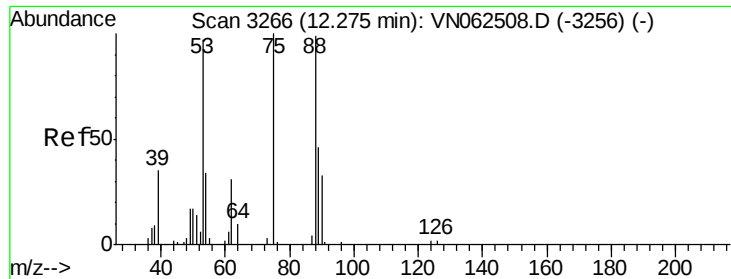
105 100

120 47.0 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN062525.D (-3246) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.090 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

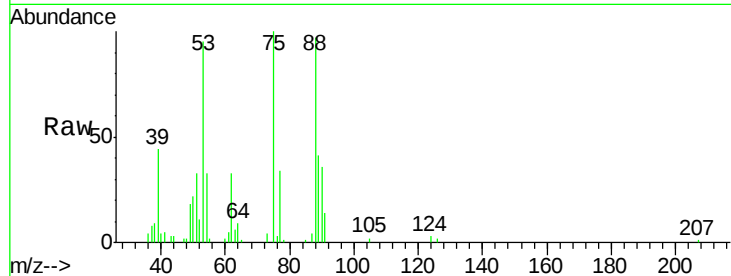
Tot Ion: 75 Resp: 26727

Ion Ratio Lower Upper

75 100

53 94.4 48.3 144.8

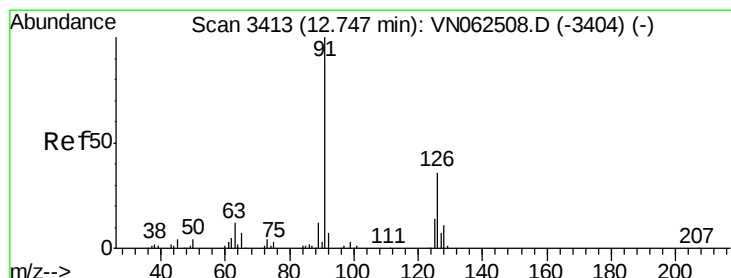
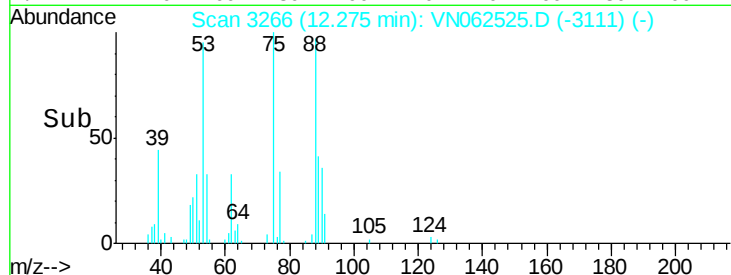
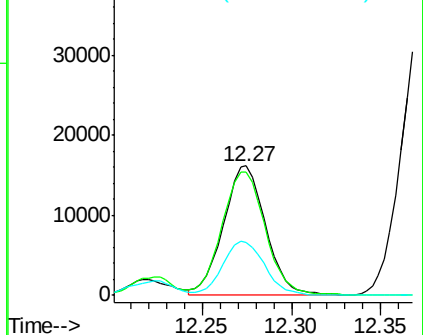
89 41.0 23.3 69.8



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.257 ug/l

RT: 12.74 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VN062525.D

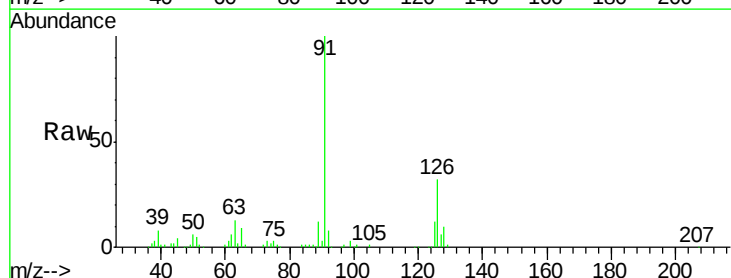
Acq: 14 Jul 2020 14:15

Tgt Ion: 91 Resp: 187050

Ion Ratio Lower Upper

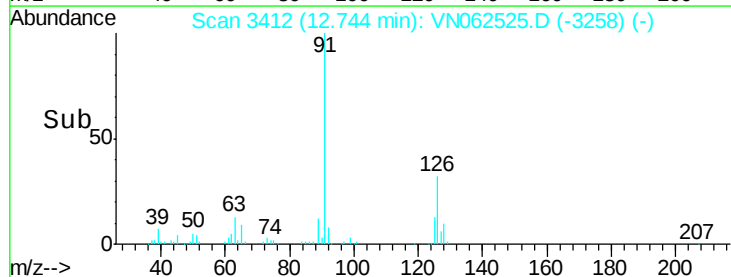
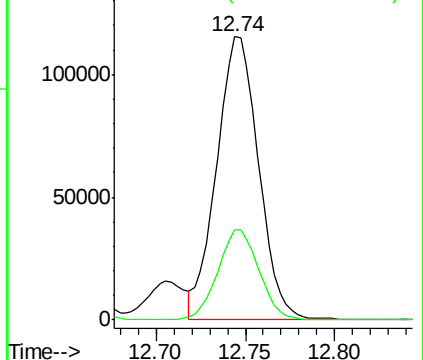
91 100

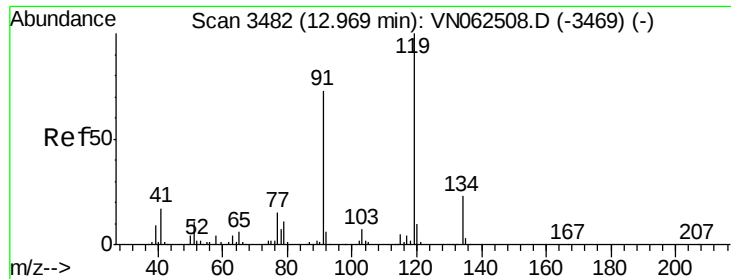
126 31.5 0.0 62.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

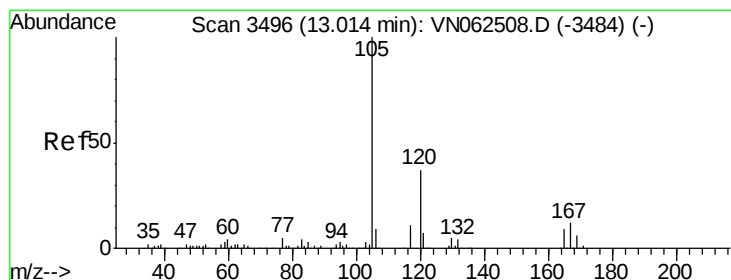
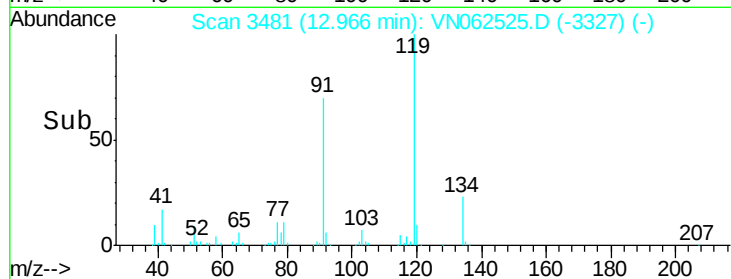
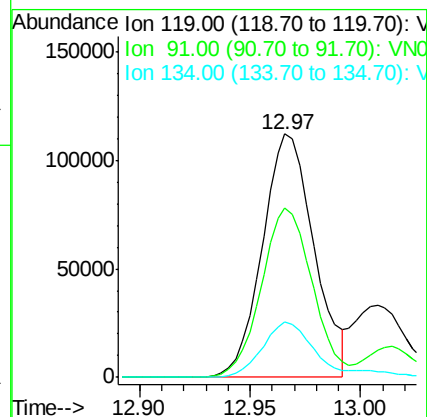
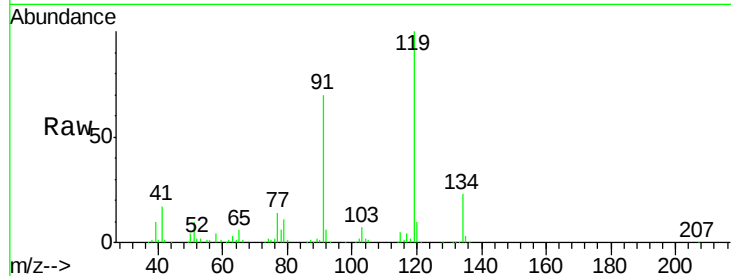




#79
tert-butylbenzene
Concen: 19.329 ug/l
RT: 12.97 min Scan# 3481
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

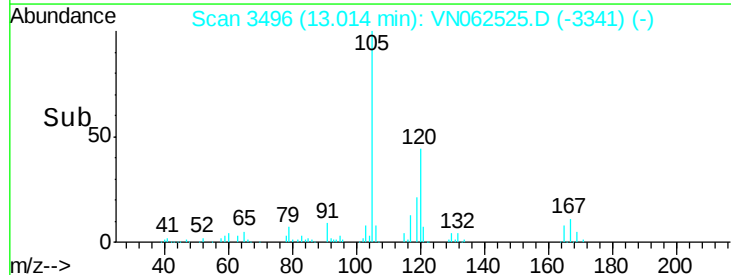
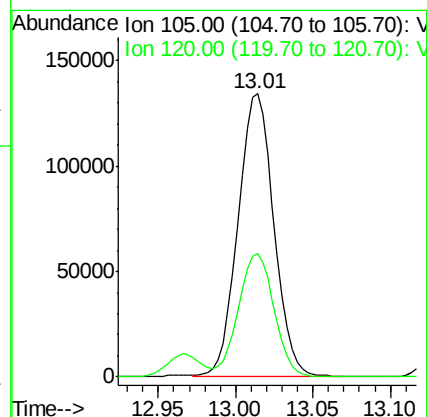
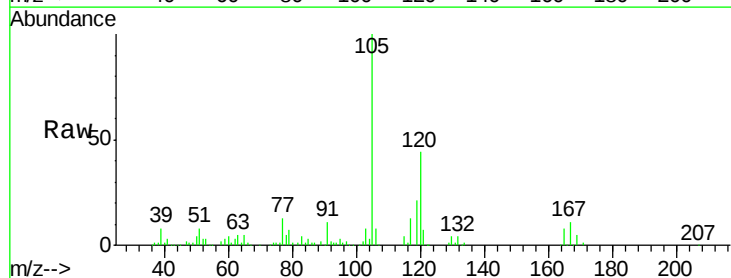
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

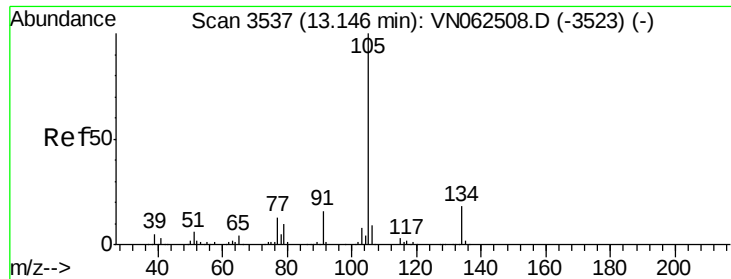
Tot Ion:119 Resp: 181395
Ion Ratio Lower Upper
119 100
91 68.8 0.0 139.8
134 22.4 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 19.279 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

Tgt Ion:105 Resp: 214893
Ion Ratio Lower Upper
105 100
120 43.3 0.0 86.6





#81

sec-Butylbenzene

Concen: 19.415 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

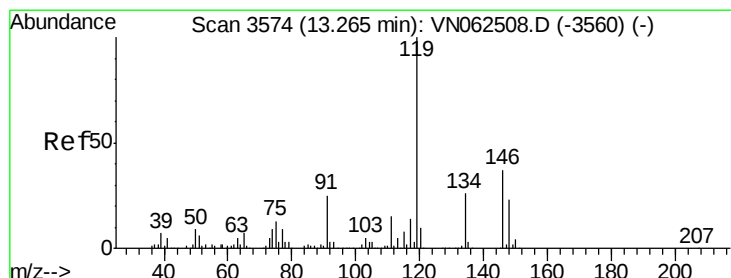
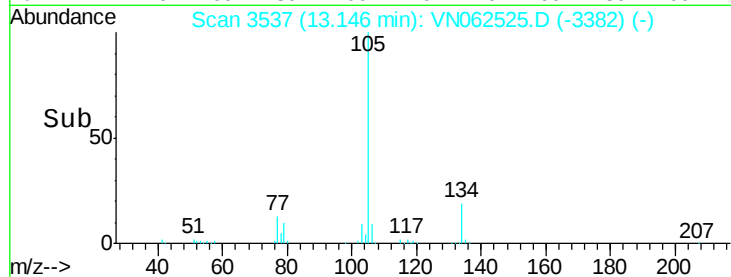
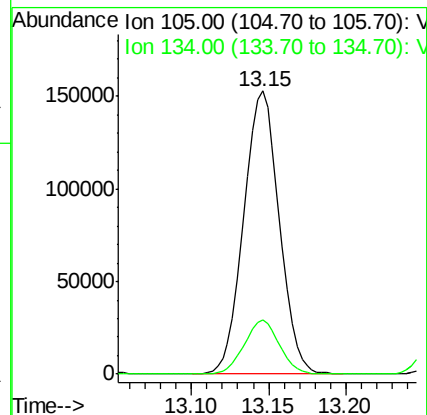
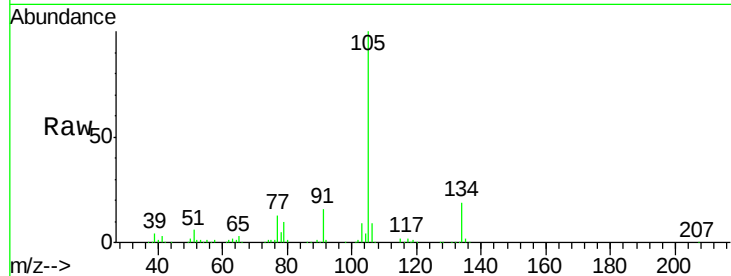
VSTDCCC020EC

Tot Ion:105 Resp: 244685

Ion Ratio Lower Upper

105 100

134 18.8 0.0 37.2



#82

p-Isopropyltoluene

Concen: 19.149 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

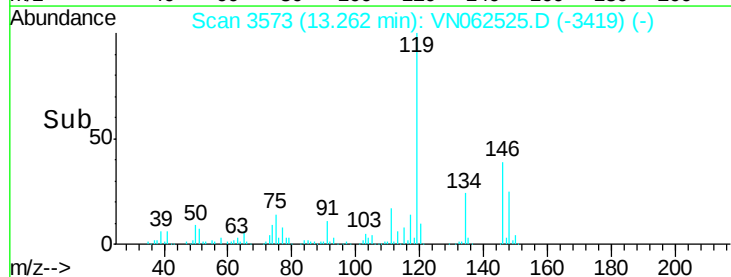
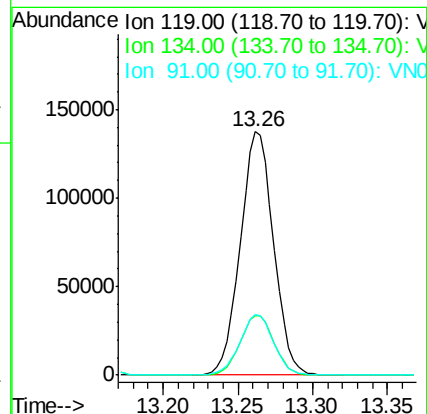
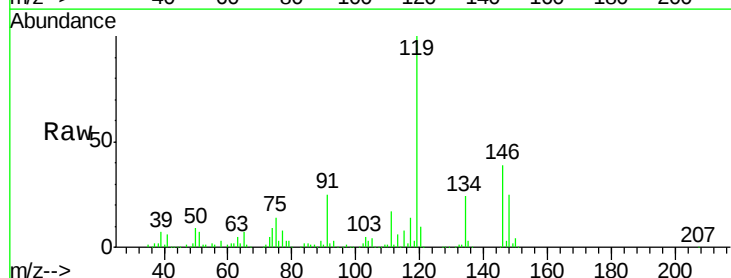
Tgt Ion:119 Resp: 212971

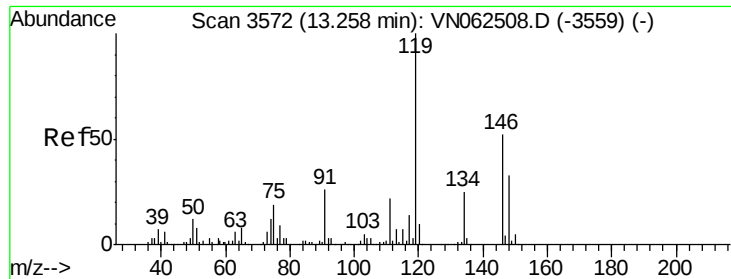
Ion Ratio Lower Upper

119 100

134 24.9 0.0 50.8

91 25.1 0.0 51.2

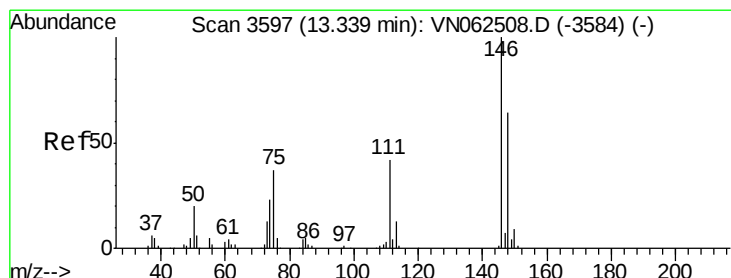
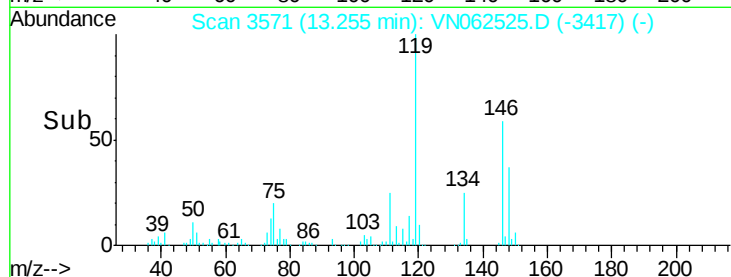
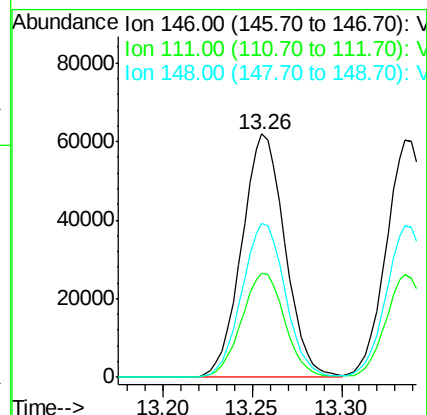
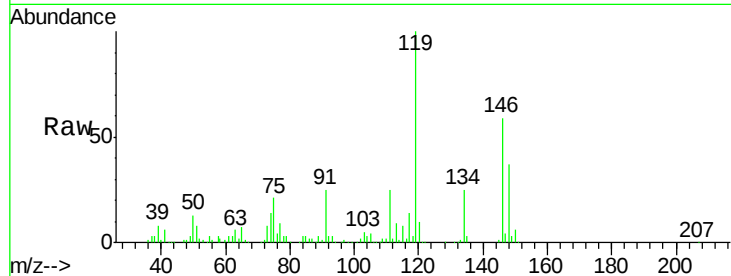




#83
 1,3-Dichlorobenzene
 Concen: 19.525 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

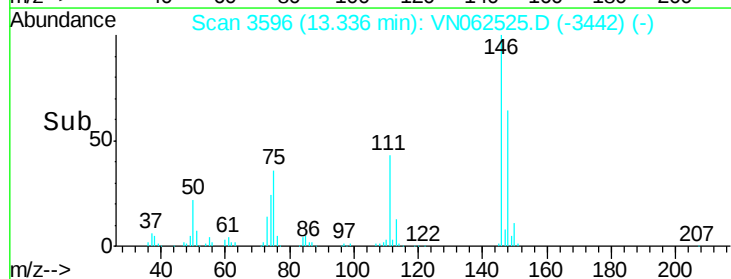
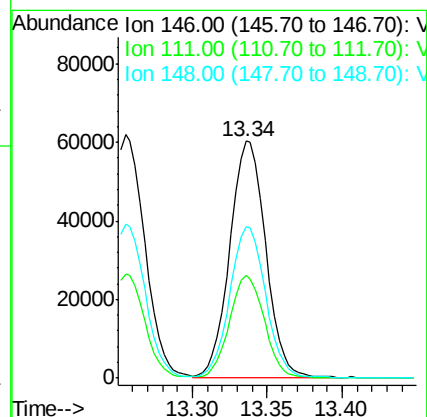
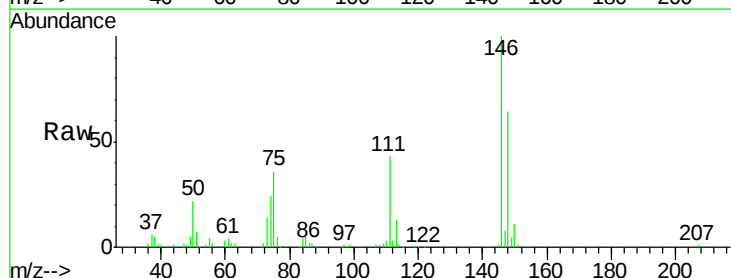
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

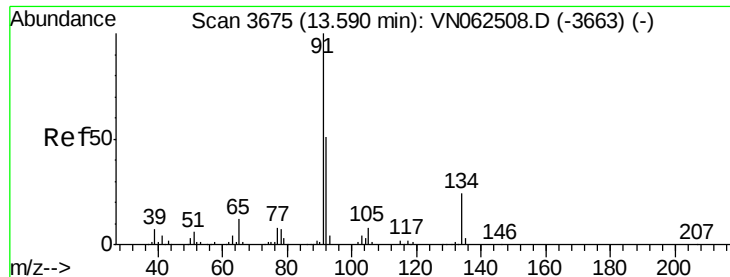
Tot Ion:146 Resp: 104454
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.0 63.0
 148 63.4 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 19.214 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062525.D
 Acq: 14 Jul 2020 14:15

Tgt Ion:146 Resp: 101426
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.4 64.2
 148 63.9 32.4 97.2





#85

n-Butylbenzene

Concen: 18.489 ug/l

RT: 13.59 min Scan# 3674

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

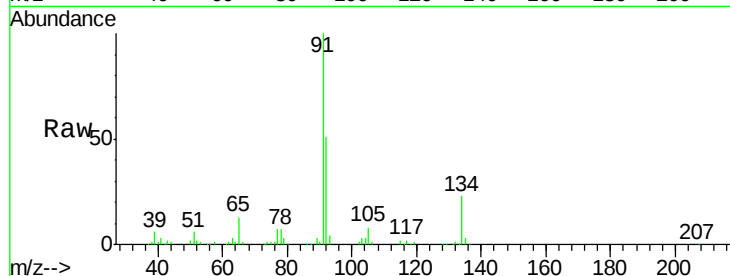
Tot Ion: 91 Resp: 176392

Ion Ratio Lower Upper

91 100

92 51.1 0.0 102.4

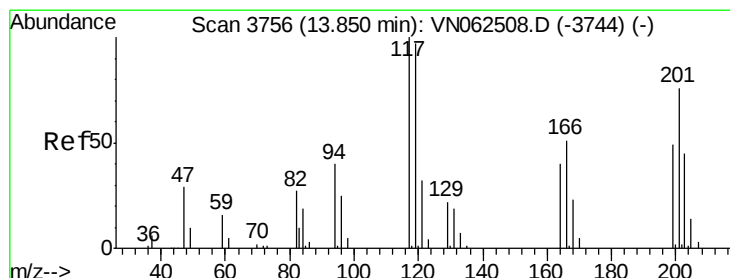
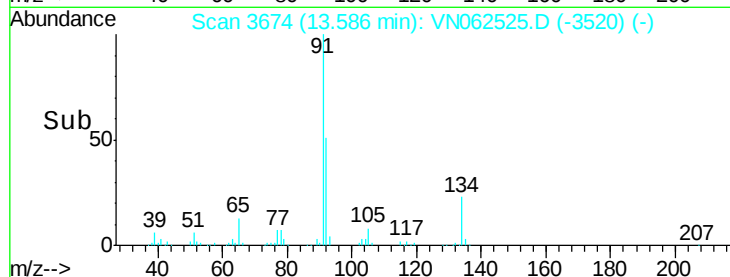
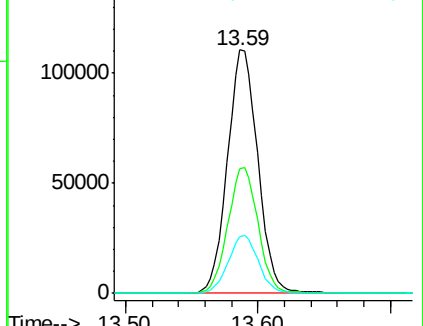
134 23.6 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VN062508.D (-3663) (-)

Ion 92.00 (91.70 to 92.70): VN062508.D (-3663) (-)

Ion 134.00 (133.70 to 134.70): VN062508.D (-3663) (-)



#86

Hexachloroethane

Concen: 18.520 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062525.D

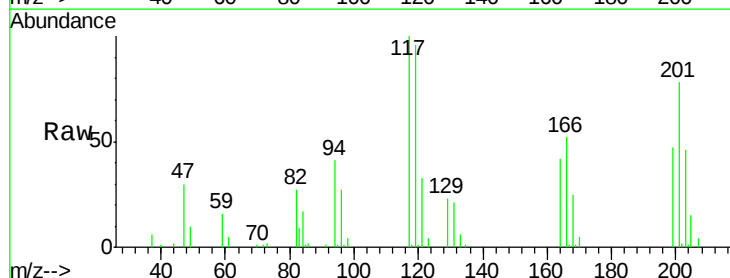
Acq: 14 Jul 2020 14:15

Tgt Ion: 117 Resp: 39745

Ion Ratio Lower Upper

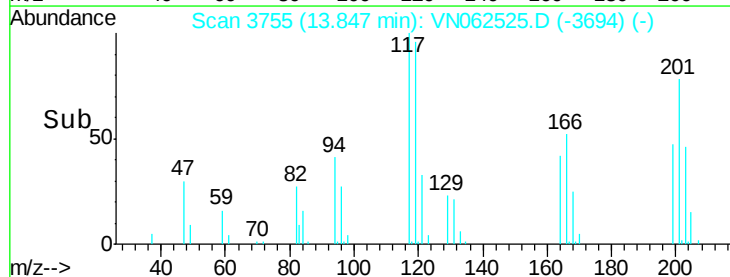
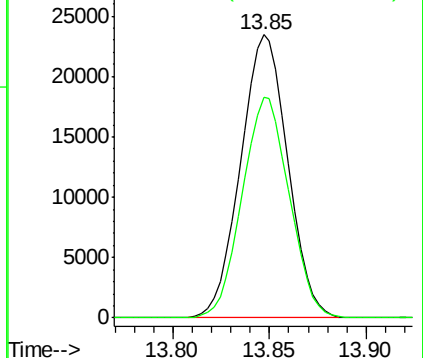
117 100

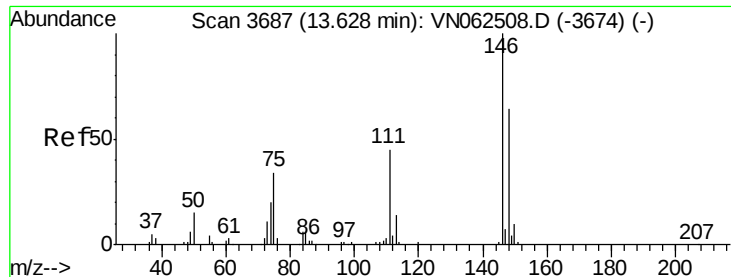
201 77.7 37.4 112.2



Abundance Ion 117.00 (116.70 to 117.70): VN062508.D (-3744) (-)

Ion 201.00 (200.70 to 201.70): VN062508.D (-3744) (-)





#87

1,2-Dichlorobenzene

Concen: 19.295 ug/l

RT: 13.62 min Scan# 3686

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

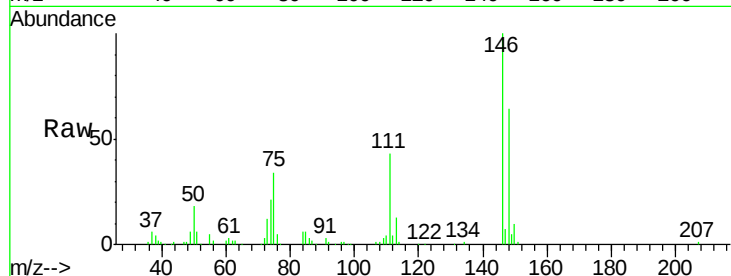
Tot Ion:146 Resp: 99258

Ion Ratio Lower Upper

146 100

111 44.0 22.4 67.0

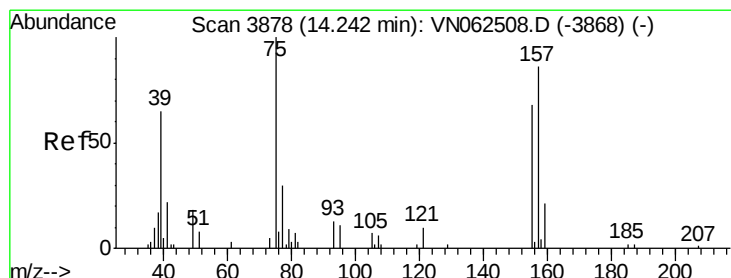
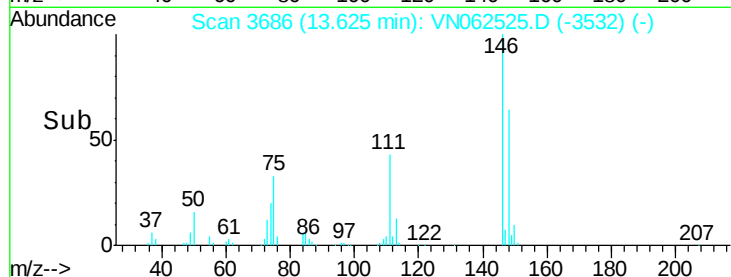
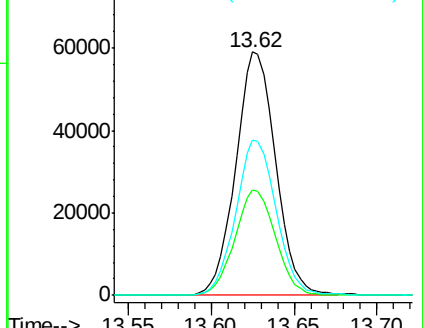
148 64.3 32.1 96.3



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: 16.816 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062525.D

Acq: 14 Jul 2020 14:15

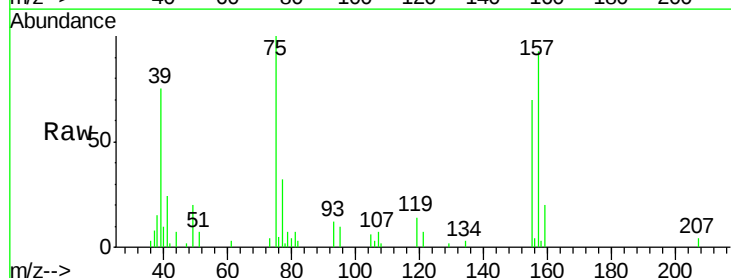
Tgt Ion: 75 Resp: 13652

Ion Ratio Lower Upper

75 100

155 71.4 55.7 83.5

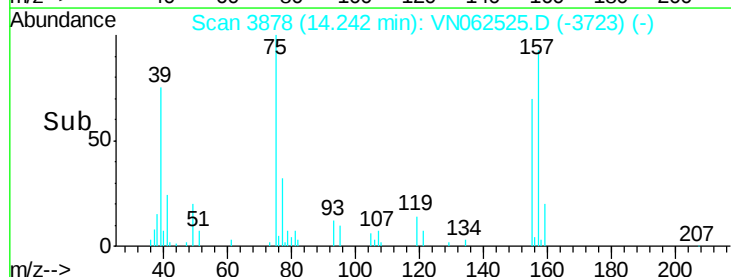
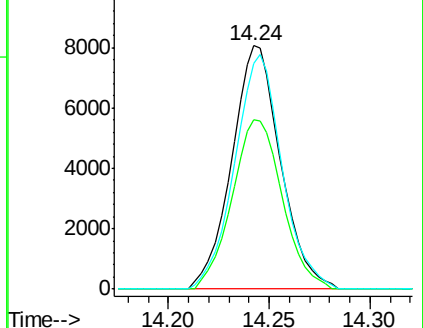
157 93.6 71.0 106.6

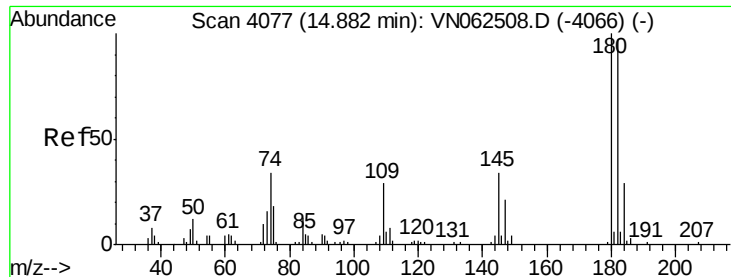


Abundance Ion 75.00 (74.70 to 75.70): VN

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

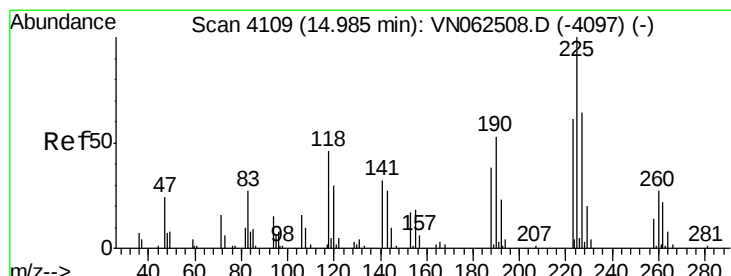
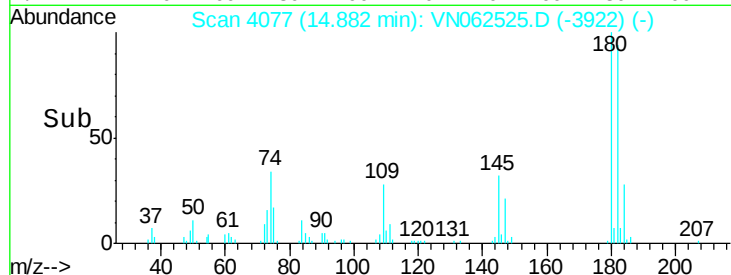
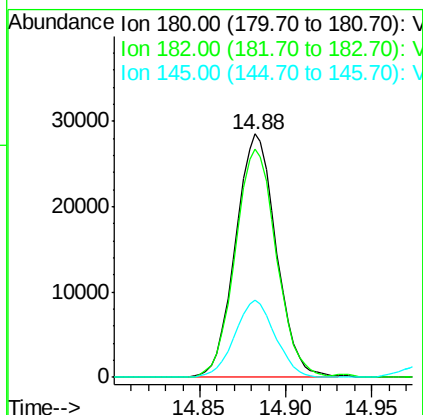
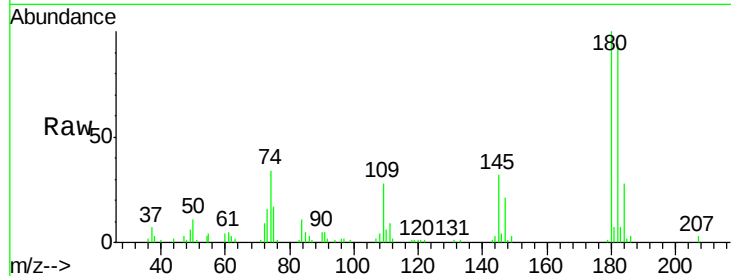




#89
1,2,4-Trichlorobenzene
Concen: 18.336 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

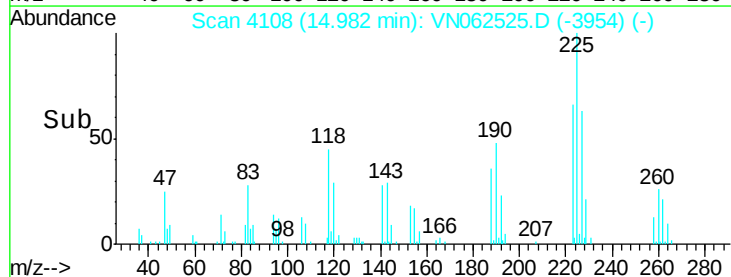
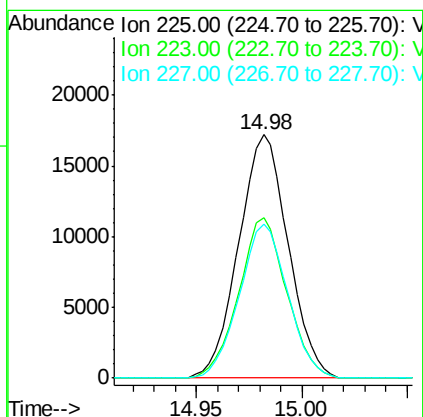
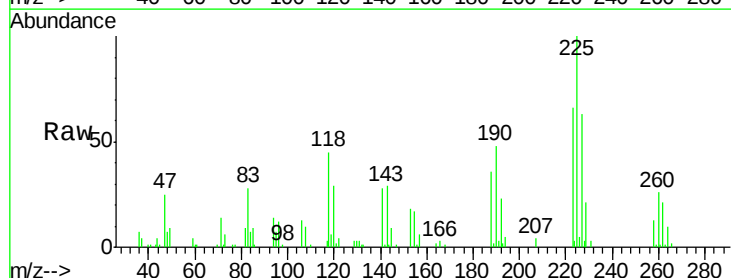
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

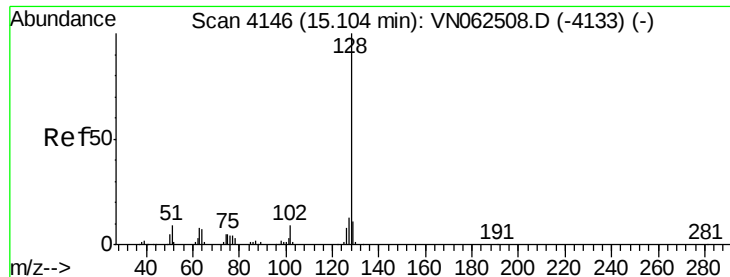
Tot Ion:180 Resp: 46957
Ion Ratio Lower Upper
180 100
182 94.7 77.5 116.3
145 31.2 26.1 39.1



#90
Hexachlorobutadiene
Concen: 19.766 ug/l
RT: 14.98 min Scan# 4108
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

Tgt Ion:225 Resp: 28076
Ion Ratio Lower Upper
225 100
223 63.9 0.0 120.4
227 61.8 0.0 129.6

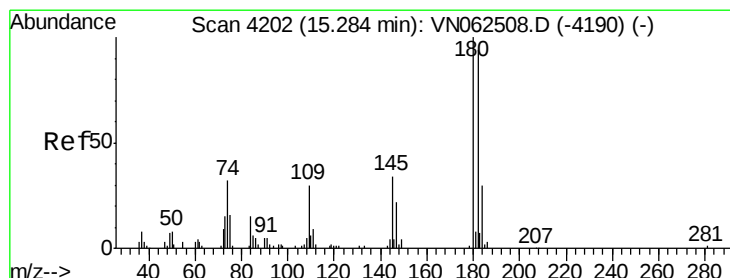
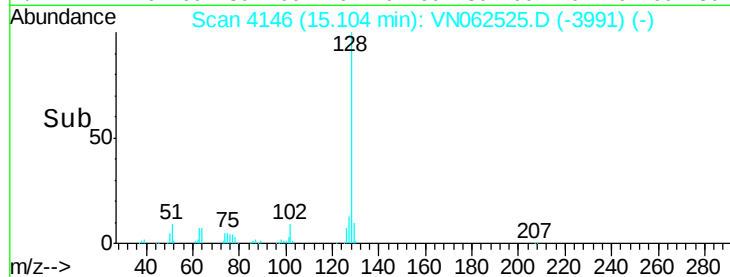
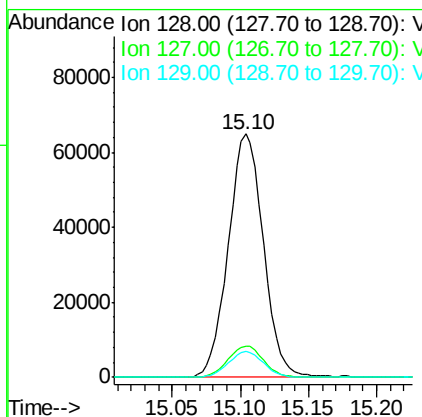
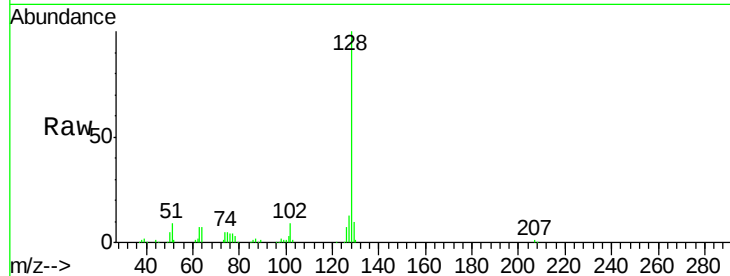




#91
Naphthalene
Concen: 16.726 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 116138
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.4 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 17.982 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062525.D
Acq: 14 Jul 2020 14:15

Tgt Ion:180 Resp: 46413
Ion Ratio Lower Upper
180 100
182 97.9 0.0 187.2
145 34.0 0.0 67.8

