

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061543.D
 Acq On : 28 May 2020 19:42
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: May 29 01:48:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 01:43:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	408236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	653959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	621455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	325224	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	725731	123.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	246.02%	
35) Dibromofluoromethane	7.55	113	422700	122.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	245.48%	
50) Toluene-d8	10.06	98	2446318	153.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.12%	
62) 4-Bromofluorobenzene	12.38	95	911816	154.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	718722	200.619	ug/l	98
3) Chloromethane	2.03	50	680001	123.806	ug/l	99
4) Vinyl Chloride	2.15	62	995016	128.370	ug/l	98
5) Bromomethane	2.50	94	541380	125.856	ug/l	100
6) Chloroethane	2.65	64	606203	116.808	ug/l	99
7) Trichlorofluoromethane	2.97	101	1205188	126.754	ug/l	99
8) Diethyl Ether	3.37	74	376698	135.795	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	556041	140.427	ug/l	98
10) Methyl Iodide	3.91	142	827959	165.477	ug/l	99
11) Tert butyl alcohol	4.73	59	477787	699.527	ug/l	99
12) 1,1-Dichloroethene	3.69	96	584333	139.951	ug/l	96
13) Acrolein	3.56	56	128404	263.864	ug/l	97
14) Allyl chloride	4.27	41	712679	109.312	ug/l	98
15) Acrylonitrile	4.93	53	1346127	664.176	ug/l	99
16) Acetone	3.77	43	996703	550.956	ug/l	99
17) Carbon Disulfide	4.00	76	1235760	120.585	ug/l	98
18) Methyl Acetate	4.27	43	621210	133.328	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	2002039	128.858	ug/l	99
20) Methylene Chloride	4.50	84	646666	130.970	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	673417	141.465	ug/l	96
22) Diisopropyl ether	5.90	45	1727877	117.552	ug/l	98
23) Vinyl Acetate	5.84	43	6600514	564.830	ug/l	96
24) 1,1-Dichloroethane	5.80	63	1068425	123.494	ug/l	99
25) 2-Butanone	6.79	43	1639406	610.768	ug/l	99
26) 2,2-Dichloropropane	6.77	77	923779	112.650	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	765454	136.316	ug/l	100
28) Bromochloromethane	7.15	49	421813	117.897	ug/l	97
29) Tetrahydrofuran	7.16	42	1097433	617.377	ug/l	99
30) Chloroform	7.33	83	1202085	132.300	ug/l	99
31) Cyclohexane	7.61	56	941002	114.409	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	1097003	131.964	ug/l	99
36) 1,1-Dichloropropene	7.75	75	878750	145.844	ug/l	99
37) Ethyl Acetate	6.88	43	720038	132.045	ug/l	98
38) Carbon Tetrachloride	7.73	117	911364	163.490	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061543.D
 Acq On : 28 May 2020 19:42
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: May 29 01:48:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 01:43:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	1093394	148.227	ug/l	98
40) Benzene	8.00	78	2661544	146.316	ug/l	100
41) Methacrylonitrile	7.12	41	299463	133.572	ug/l	98
42) 1,2-Dichloroethane	8.09	62	883581	136.252	ug/l	100
43) Isopropyl Acetate	8.13	43	1269333	134.499	ug/l	100
44) Trichloroethene	8.80	130	846985	172.141	ug/l	94
45) 1,2-Dichloropropane	9.08	63	630836	139.574	ug/l	99
46) Dibromomethane	9.18	93	489383	152.266	ug/l	97
47) Bromodichloromethane	9.37	83	983557	146.788	ug/l	99
48) Methyl methacrylate	9.17	41	562563	129.813	ug/l	98
49) 1,4-Dioxane	9.17	88	179772	3312.997	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	3484974	676.760	ug/l	96
52) Toluene	10.13	92	1797353	153.375	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	1089876	149.094	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	1147761	146.903	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	694550	156.196	ug/l	96
56) Ethyl methacrylate	10.40	69	1055279	153.681	ug/l	100
57) 1,3-Dichloropropane	10.68	76	1122529	147.520	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	2272991	754.633	ug/l	99
59) 2-Hexanone	10.72	43	2598955	697.992	ug/l	98
60) Dibromochloromethane	10.88	129	859636	173.385	ug/l	99
61) 1,2-Dibromoethane	10.98	107	756211	161.309	ug/l	100
64) Tetrachloroethene	10.60	164	921223	185.781	ug/l	99
65) Chlorobenzene	11.41	112	1950762	154.378	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	740427	162.421	ug/l	99
67) Ethyl Benzene	11.49	91	3263678	143.216	ug/l	94
68) m/p-Xylenes	11.60	106	2690704	308.934	ug/l	88
69) o-Xylene	11.92	106	1301362	154.375	ug/l	97
70) Styrene	11.94	104	2245627	161.175	ug/l	99
71) Bromoform	12.10	173	635726	194.993	ug/l #	99
73) Isopropylbenzene	12.22	105	3286083	128.577	ug/l	97
74) N-amyl acetate	12.05	43	1152071	125.173	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	904946	128.596	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	1243186	183.620	ug/l #	100
77) Bromobenzene	12.50	156	908096	159.391	ug/l	98
78) n-propylbenzene	12.57	91	3636802	125.630	ug/l	96
79) 2-Chlorotoluene	12.65	91	2248666	130.941	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	2825153	134.895	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.27	75	353742	137.496	ug/l	99
82) 4-Chlorotoluene	12.75	91	2380763	133.926	ug/l	99
83) tert-Butylbenzene	12.97	119	2478566	137.763	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	2844279	135.726	ug/l	96
85) sec-Butylbenzene	13.15	105	3175077	131.396	ug/l	98
86) p-Isopropyltoluene	13.26	119	2973849	137.759	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	1610093	155.677	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1627485	157.170	ug/l	99
89) n-Butylbenzene	13.59	91	2576099	133.089	ug/l	98
90) Hexachloroethane	13.85	117	372235	132.241	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	1519162	153.105	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	192691	135.531	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
Data File : VN061543.D
Acq On : 28 May 2020 19:42
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: May 29 01:48:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 01:43:07 2020
Response via : Initial Calibration

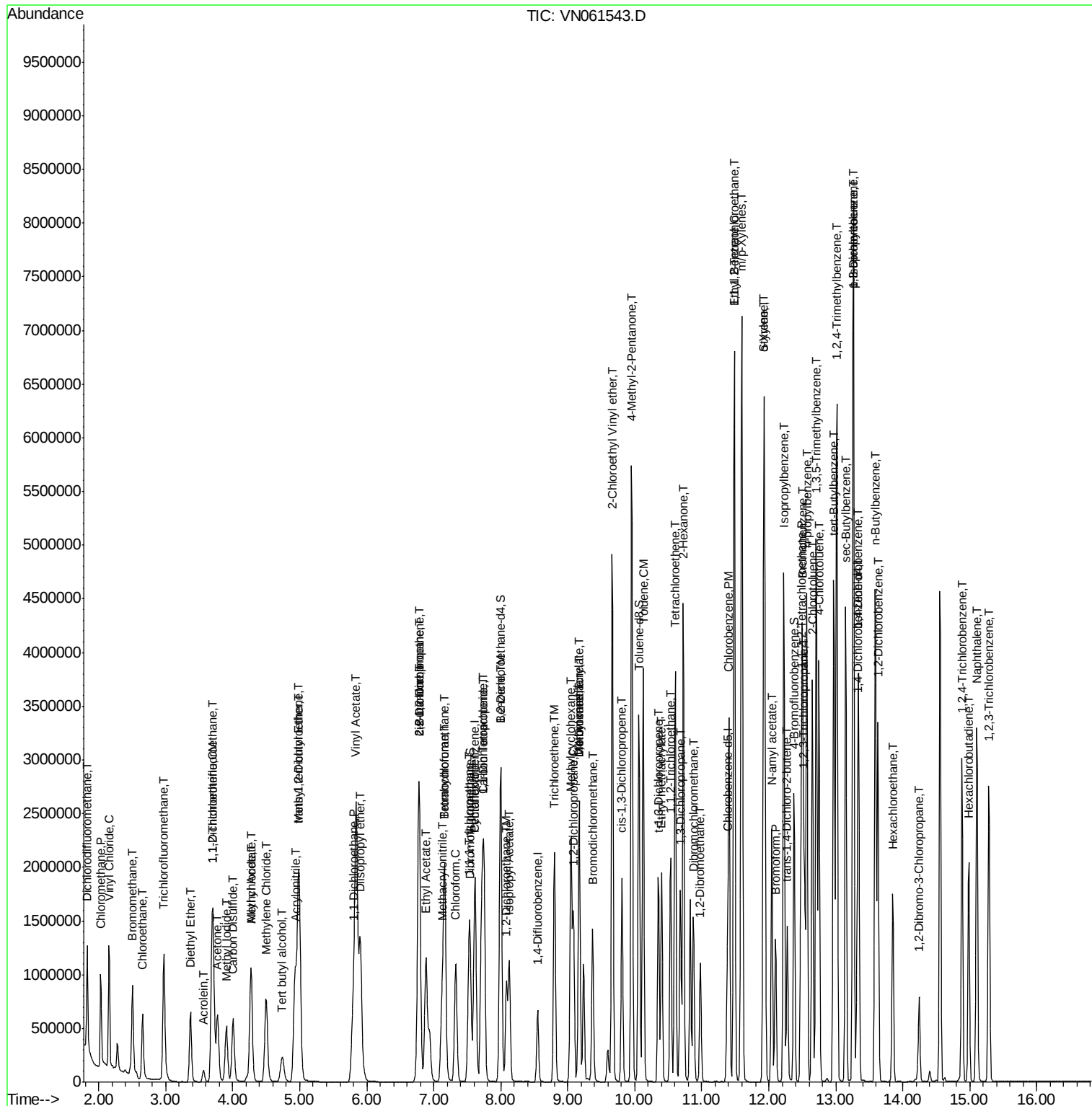
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	993015	182.865	ug/l	100
94) Hexachlorobutadiene	14.99	225	384373	160.862	ug/l	100
95) Naphthalene	15.10	128	2956511	171.798	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	961243	177.219	ug/l	99

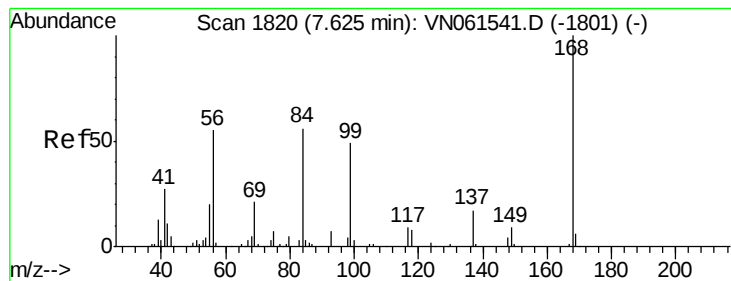
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
Data File : VN061543.D
Acq On : 28 May 2020 19:42
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: May 29 01:48:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 01:43:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

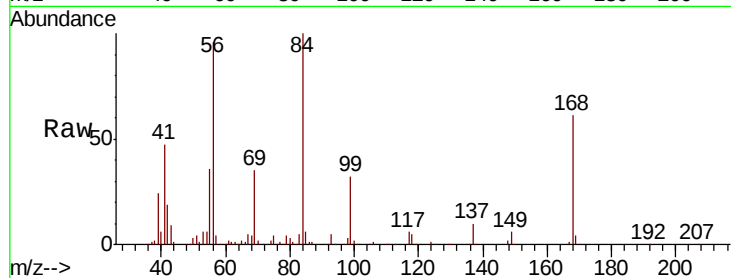
VSTDIC150

Tot Ion:168 Resp: 408236

Ion Ratio Lower Upper

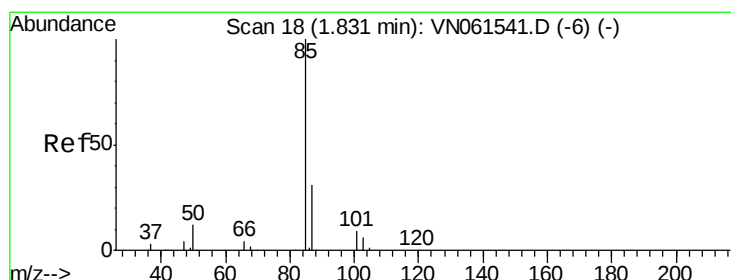
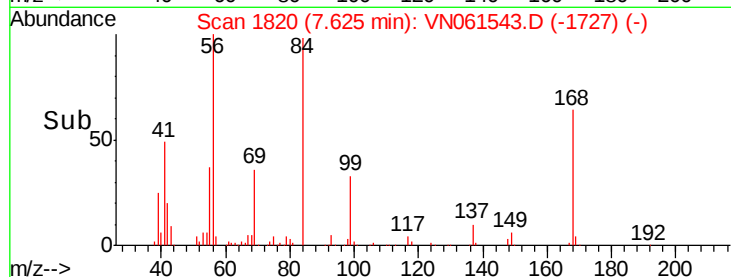
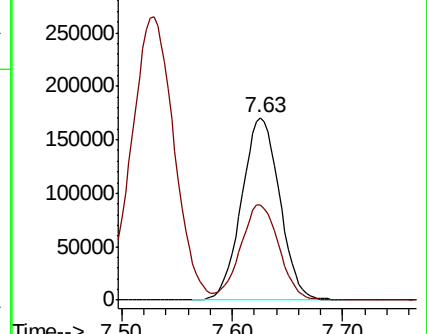
168 100

99 52.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 200.619 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN061543.D

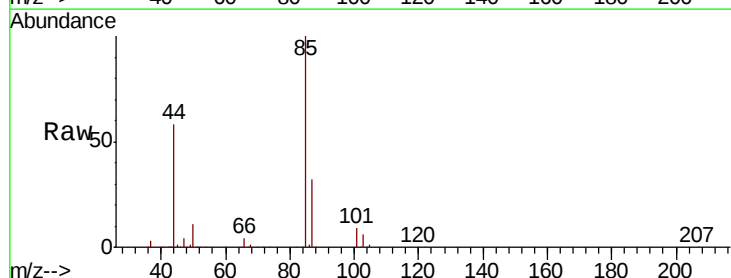
Acq: 28 May 2020 19:42

Tgt Ion: 85 Resp: 718722

Ion Ratio Lower Upper

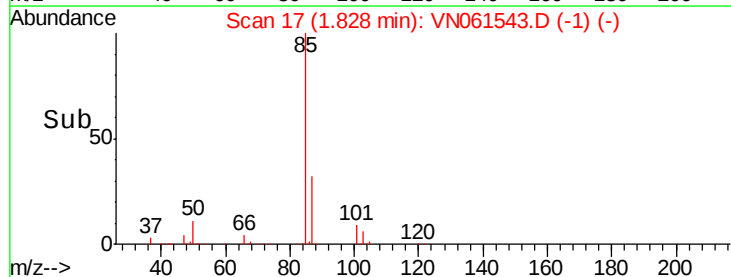
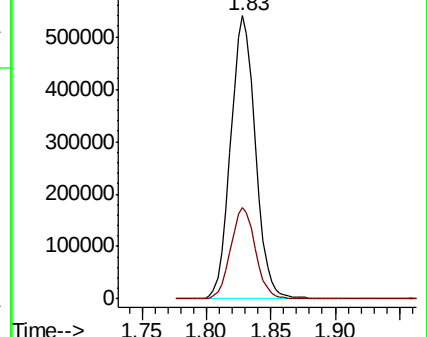
85 100

87 32.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 123.806 ug/l

RT: 2.03 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

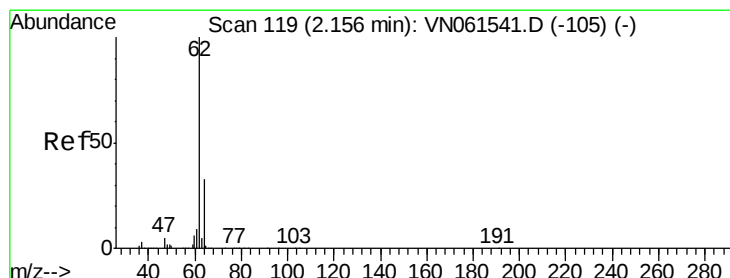
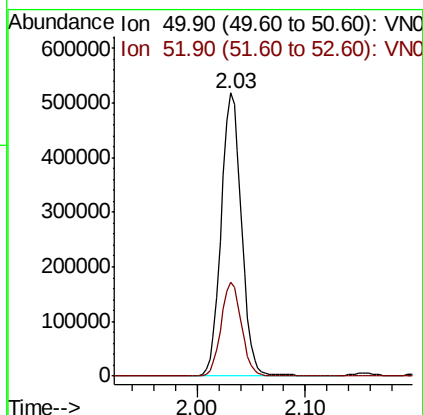
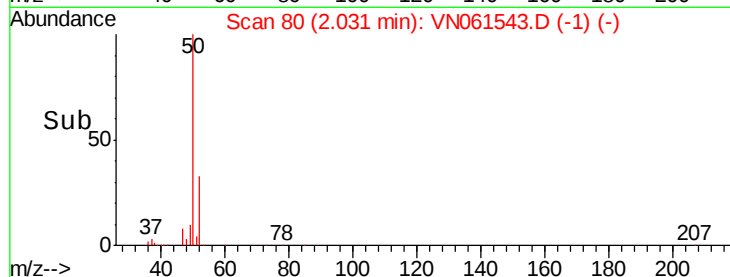
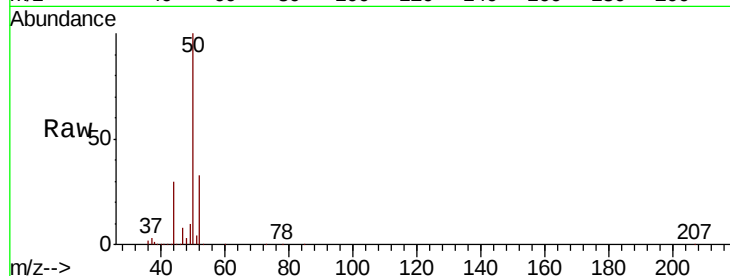
VSTDIC150

Tot Ion: 50 Resp: 680001

Ion Ratio Lower Upper

50 100

52 33.0 26.7 40.1



#4

Vinyl Chloride

Concen: 128.370 ug/l

RT: 2.15 min Scan# 118

Delta R.T. -0.00 min

Lab File: VN061543.D

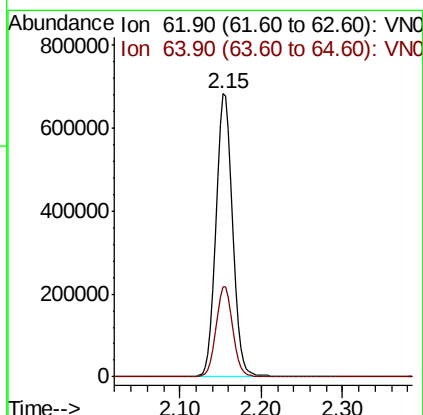
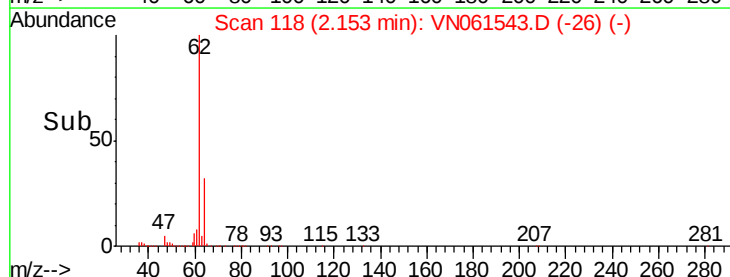
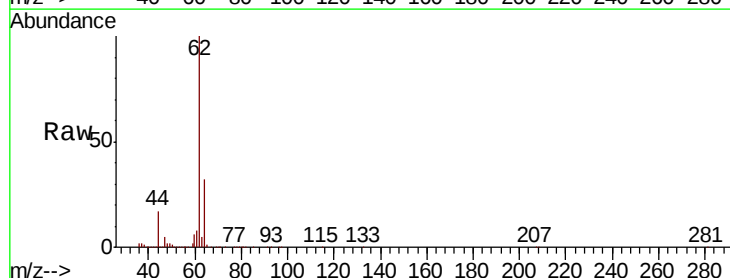
Acq: 28 May 2020 19:42

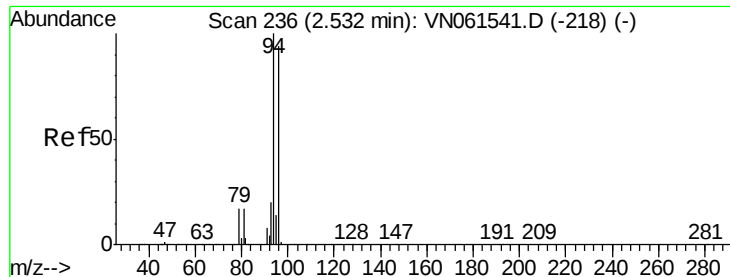
Tgt Ion: 62 Resp: 995016

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.2





#5

Bromomethane

Concen: 125.856 ug/l

RT: 2.50 min Scan# 227

Delta R.T. -0.03 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

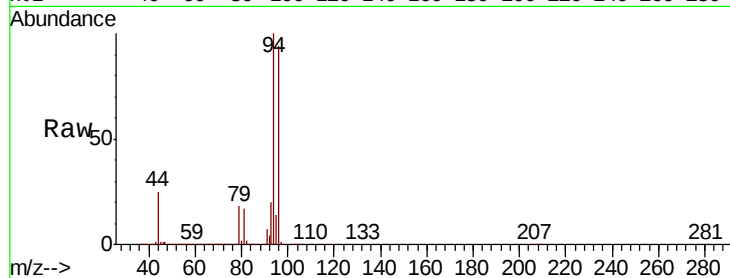
VSTDIC150

Tot Ion: 94 Resp: 541380

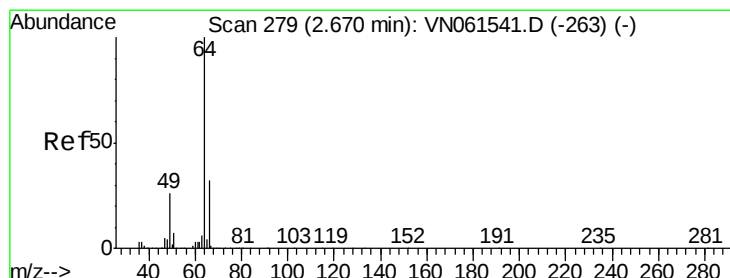
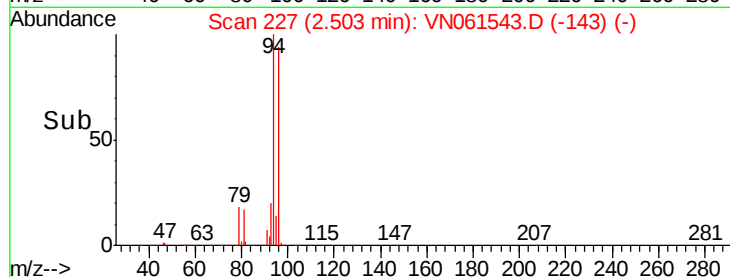
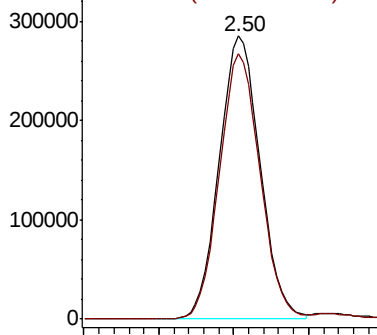
Ion Ratio Lower Upper

94 100

96 93.6 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN061543.D (-218) (-)



#6

Chloroethane

Concen: 116.808 ug/l

RT: 2.65 min Scan# 274

Delta R.T. -0.02 min

Lab File: VN061543.D

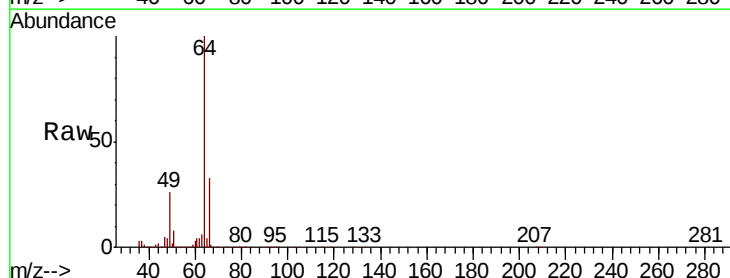
Acq: 28 May 2020 19:42

Tgt Ion: 64 Resp: 606203

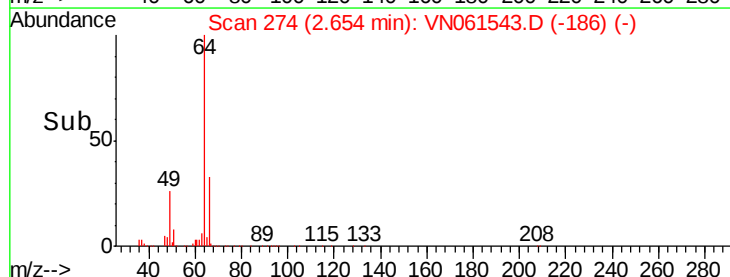
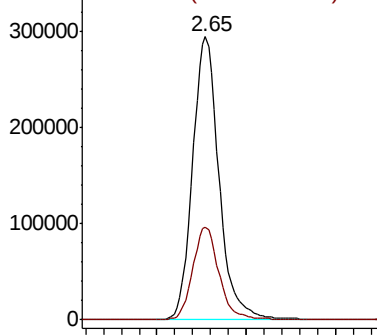
Ion Ratio Lower Upper

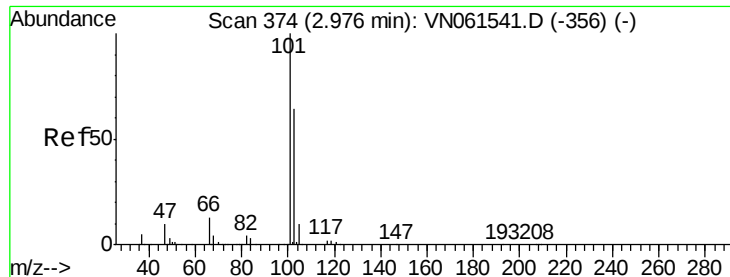
64 100

66 32.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN061543.D (-263) (-)



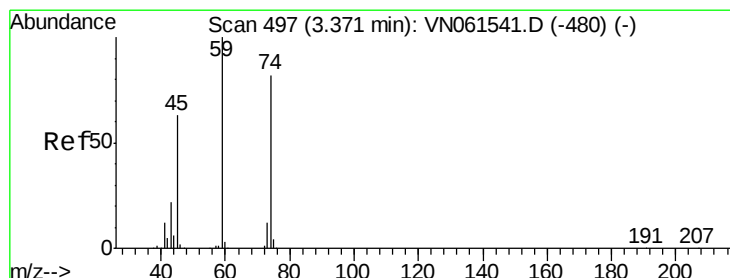
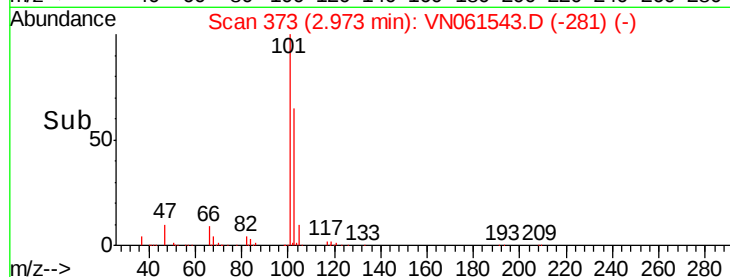
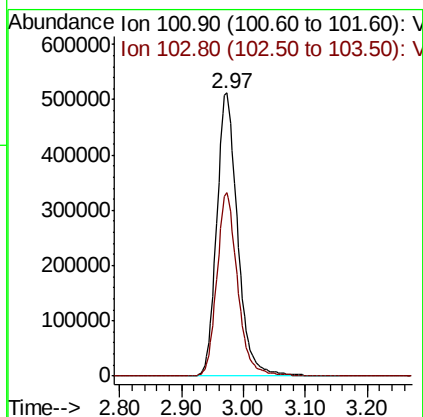
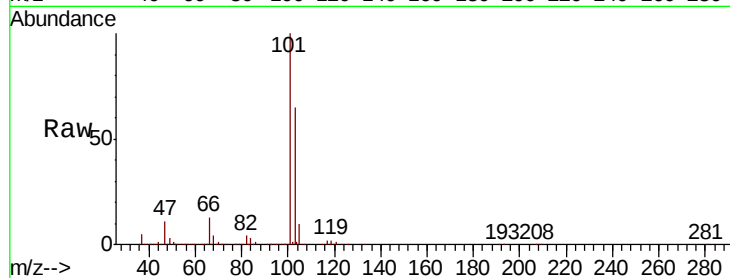


#7

Trichlorofluoromethane
Concen: 126.754 ug/l
RT: 2.97 min Scan# 373
Delta R.T. -0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

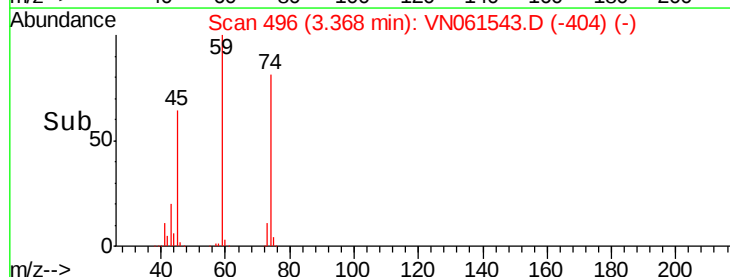
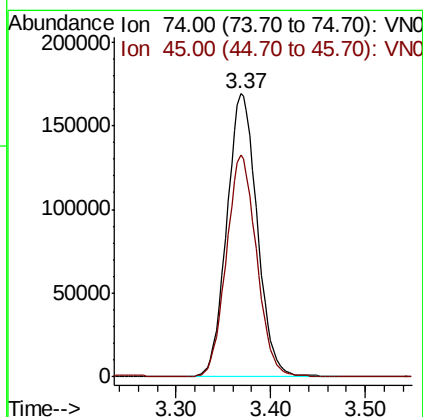
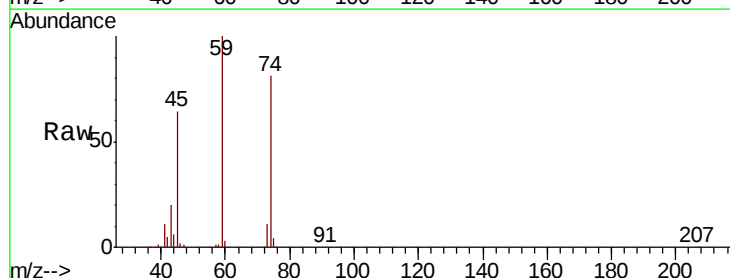
Tot Ion:101 Resp: 1205188
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2



#8

Diethyl Ether
Concen: 135.795 ug/l
RT: 3.37 min Scan# 496
Delta R.T. -0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Tgt Ion: 74 Resp: 376698
Ion Ratio Lower Upper
74 100
45 78.2 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.427 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.01 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

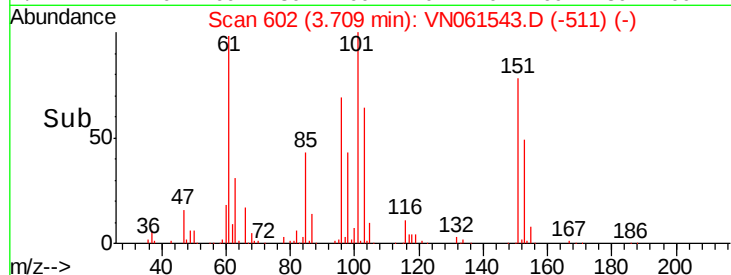
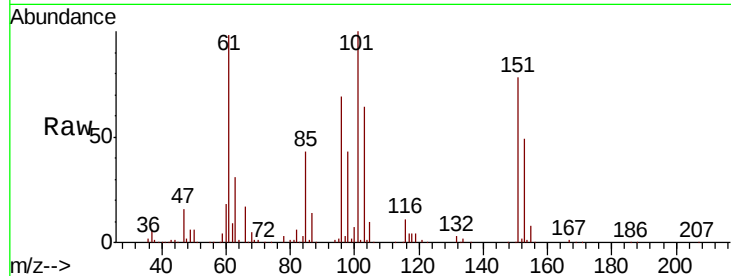
Tot Ion:101 Resp: 556041

Ion Ratio Lower Upper

101 100

85 43.4 35.2 52.8

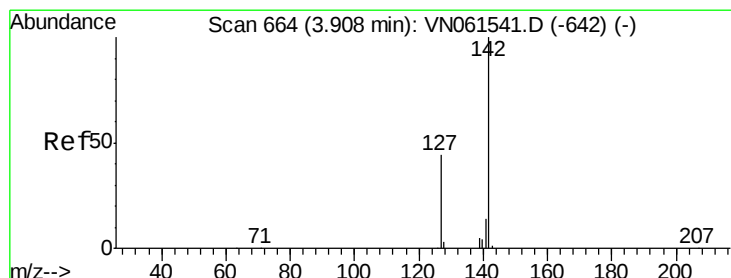
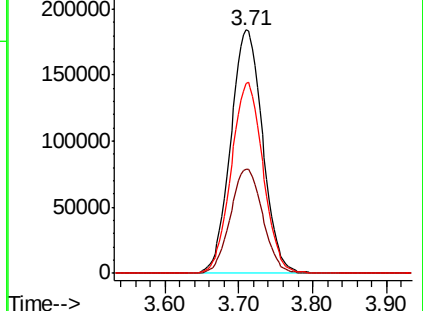
151 78.2 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 165.477 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

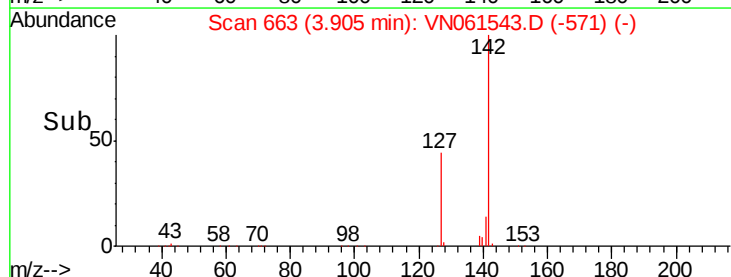
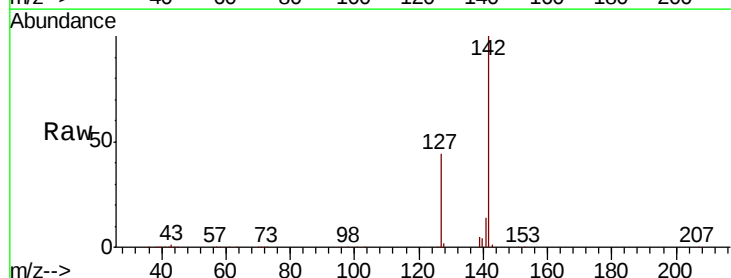
Tgt Ion:142 Resp: 827959

Ion Ratio Lower Upper

142 100

127 43.5 35.5 53.3

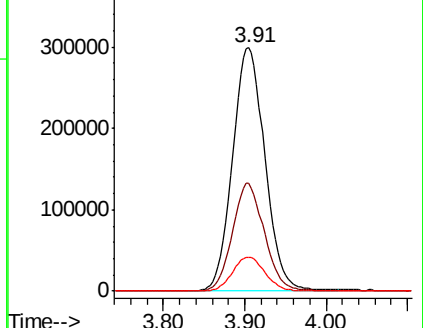
141 14.1 11.5 17.3

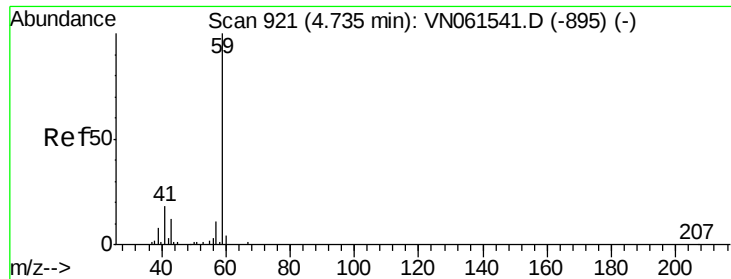


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



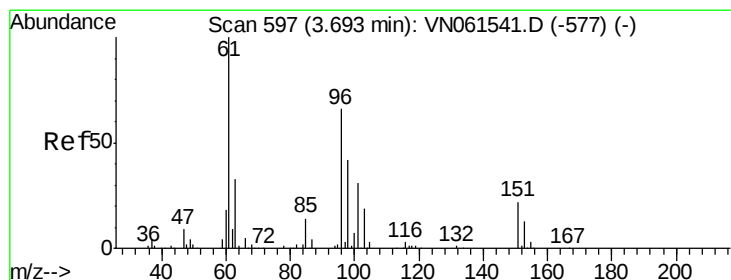
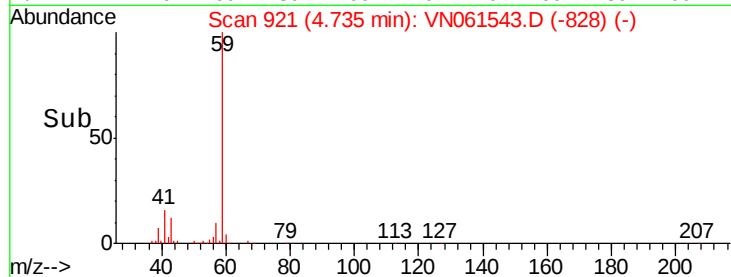
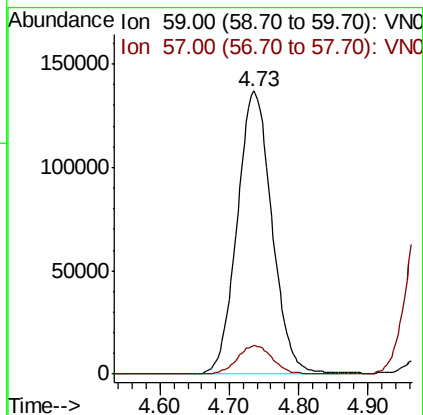
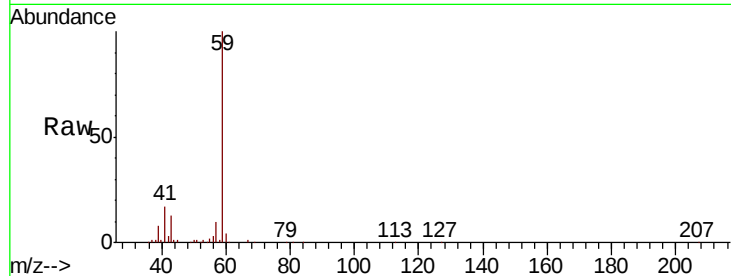


#11

Tert butyl alcohol
 Concen: 699.527 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN061543.D
 Acq: 28 May 2020 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

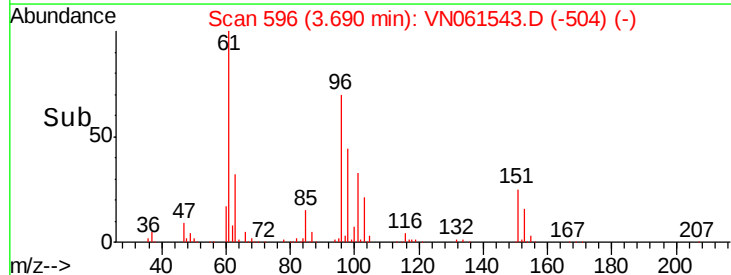
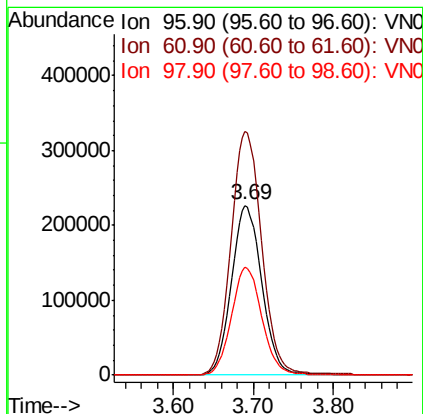
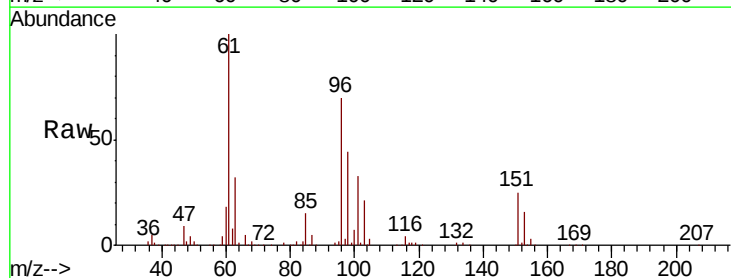
Tot Ion: 59 Resp: 477787
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6



#12

1,1-Dichloroethene
 Concen: 139.951 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VN061543.D
 Acq: 28 May 2020 19:42

Tgt Ion: 96 Resp: 584333
 Ion Ratio Lower Upper
 96 100
 61 143.4 120.5 180.7
 98 63.2 50.8 76.2





#13

Acrolein

Concen: 263.864 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

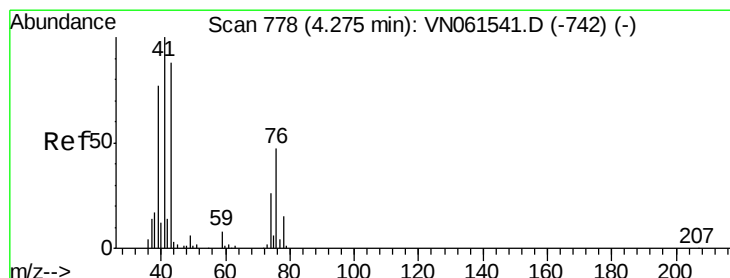
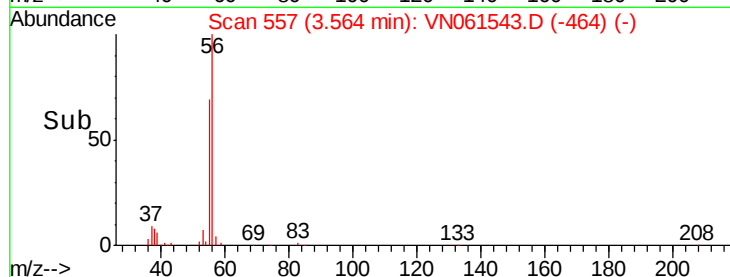
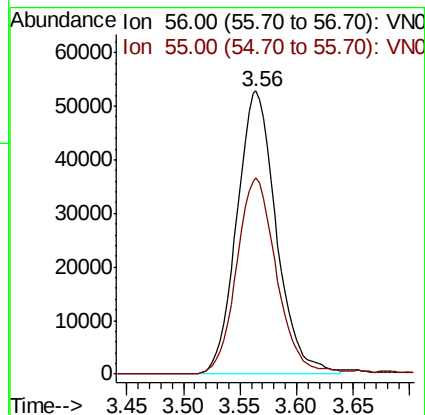
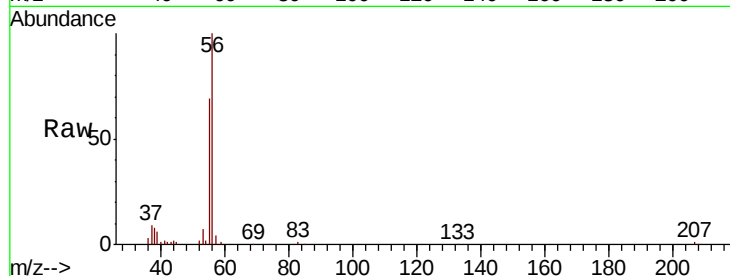
VSTDIC150

Tot Ion: 56 Resp: 128404

Ion Ratio Lower Upper

56 100

55 69.8 58.0 87.0



#14

Allyl chloride

Concen: 109.312 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

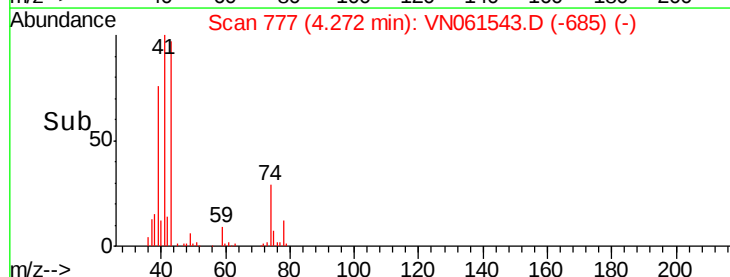
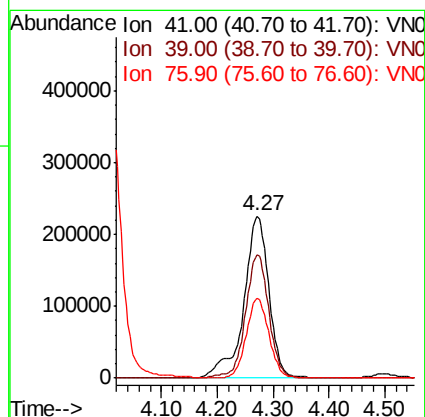
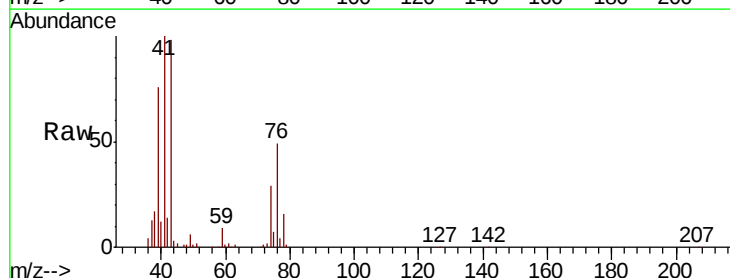
Tgt Ion: 41 Resp: 712679

Ion Ratio Lower Upper

41 100

39 70.4 58.6 88.0

76 43.3 34.2 51.4





#15

Acrylonitrile

Concen: 664.176 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

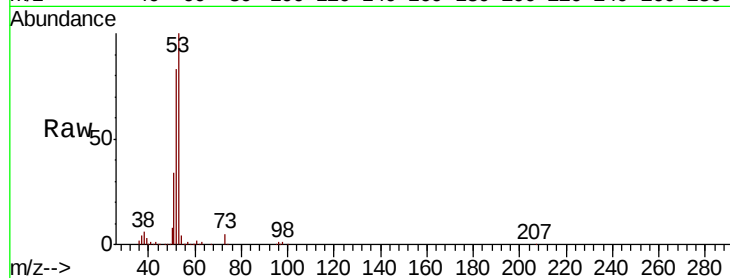
MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 53 Resp: 1346127

Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.4	98.2
51	35.6	29.0	43.6

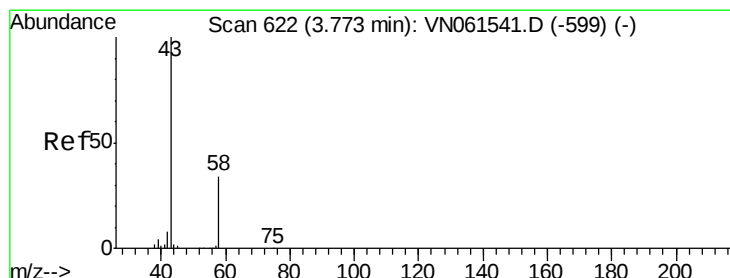
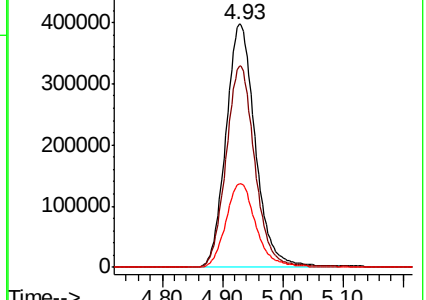
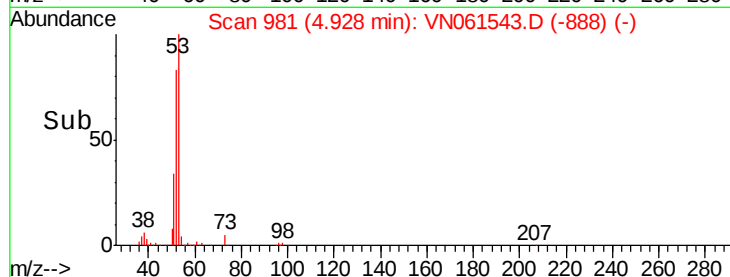


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 550.956 ug/l

RT: 3.77 min Scan# 622

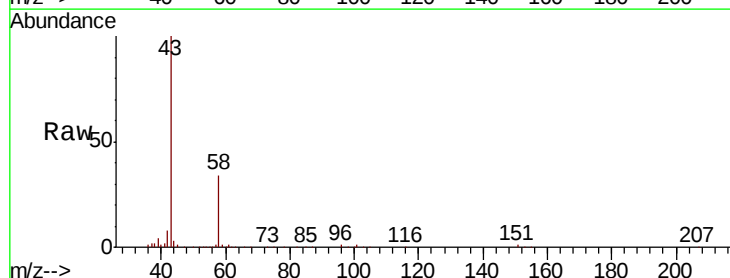
Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Tgt Ion: 43 Resp: 996703

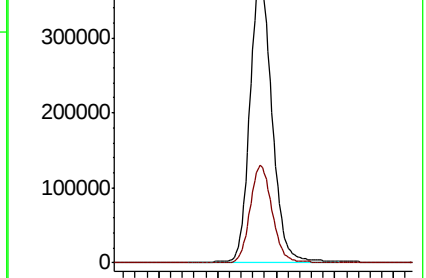
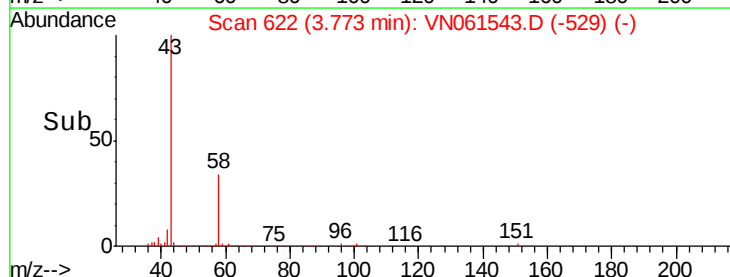
Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.2	40.8

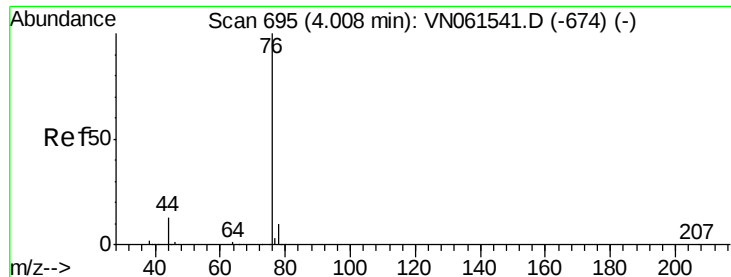


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

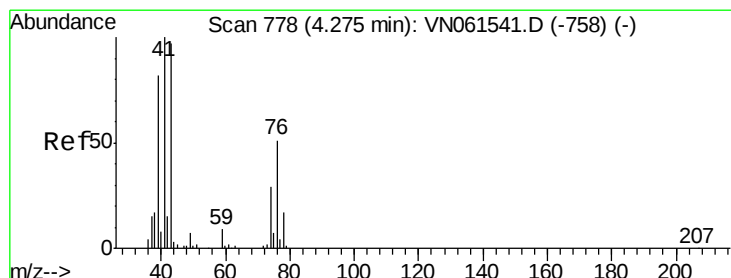
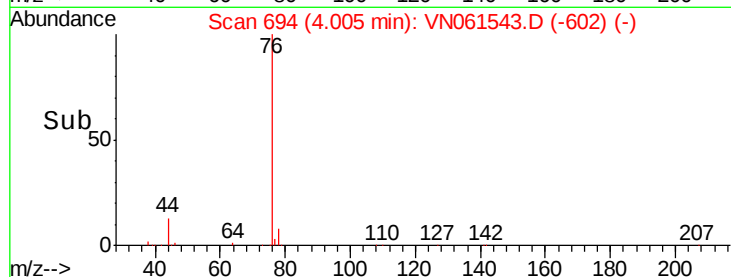
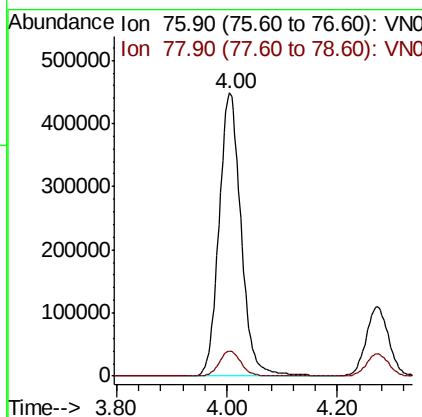
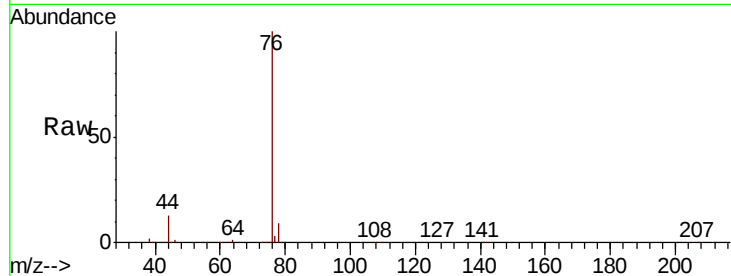




#17
Carbon Disulfide
Concen: 120.585 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

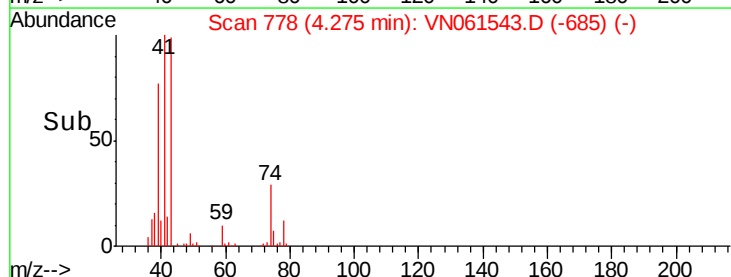
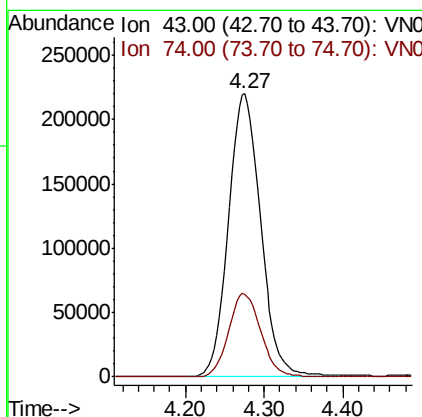
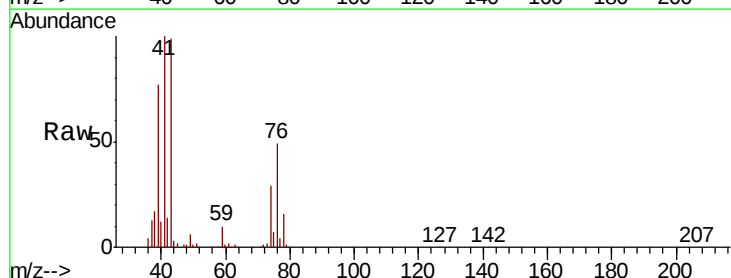
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

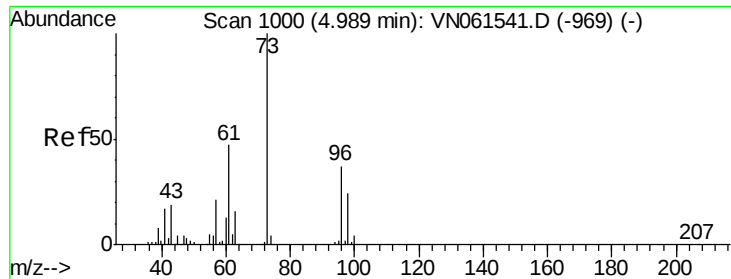
Tot Ion: 76 Resp: 1235760
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6



#18
Methyl Acetate
Concen: 133.328 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Tgt Ion: 43 Resp: 621210
Ion Ratio Lower Upper
43 100
74 29.6 23.2 34.8

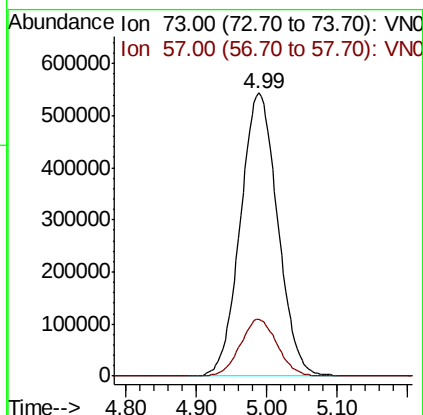
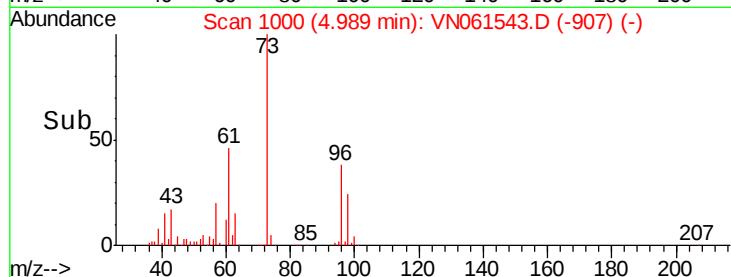
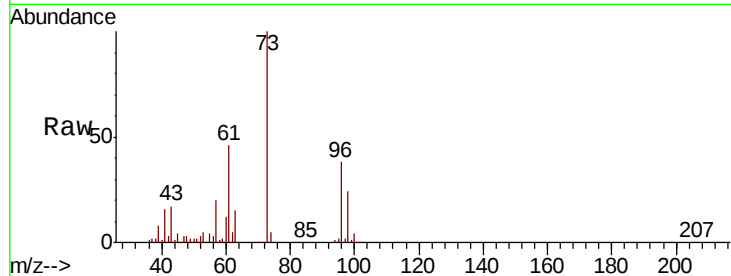




#19
Methyl tert-butyl Ether
Concen: 128.858 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

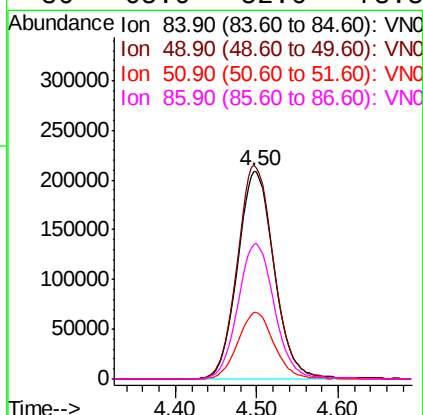
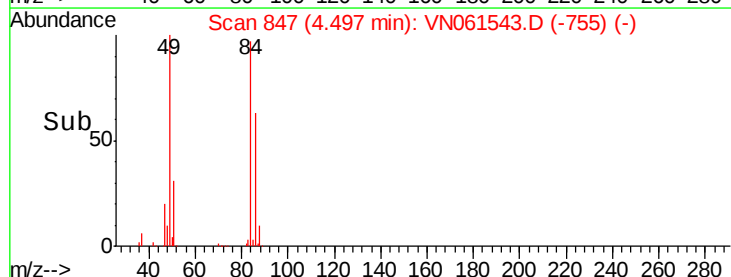
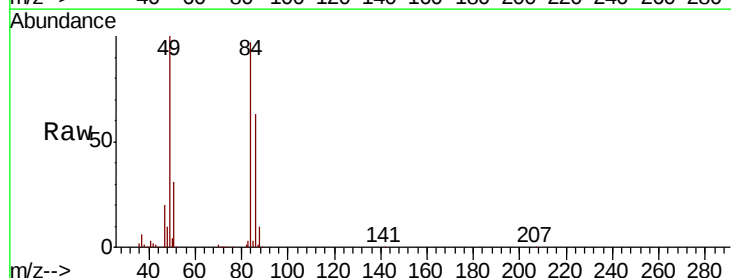
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

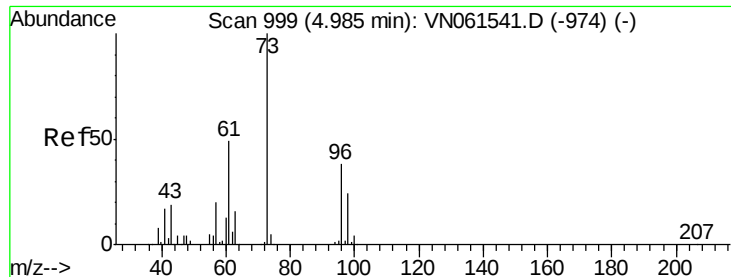
Tot Ion: 73 Resp: 2002039
Ion Ratio Lower Upper
73 100
57 19.9 16.4 24.6



#20
Methylene Chloride
Concen: 130.970 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Tgt Ion: 84 Resp: 646666
Ion Ratio Lower Upper
84 100
49 102.9 85.8 128.8
51 31.8 26.2 39.2
86 65.0 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 141.465 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

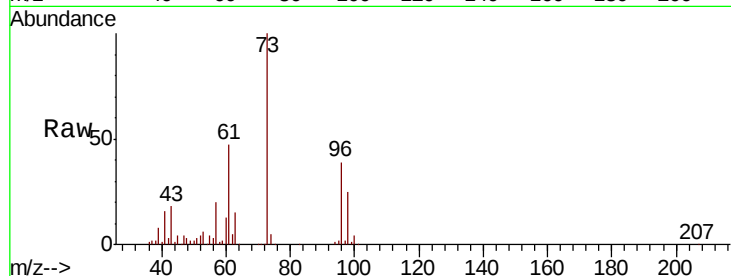
Tot Ion: 96 Resp: 673417

Ion Ratio Lower Upper

96 100

61 120.0 101.4 152.0

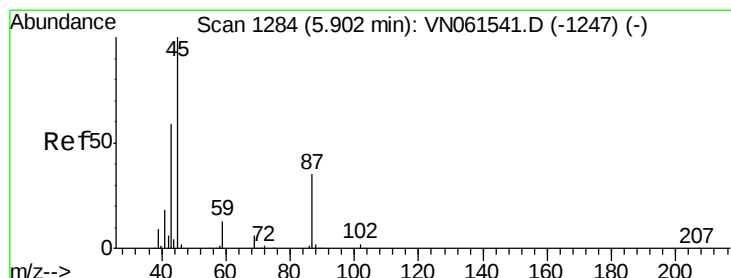
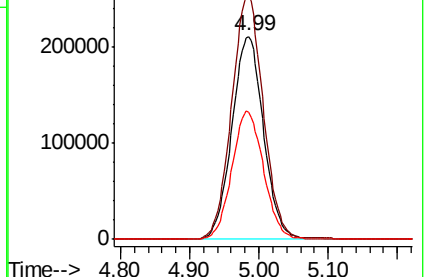
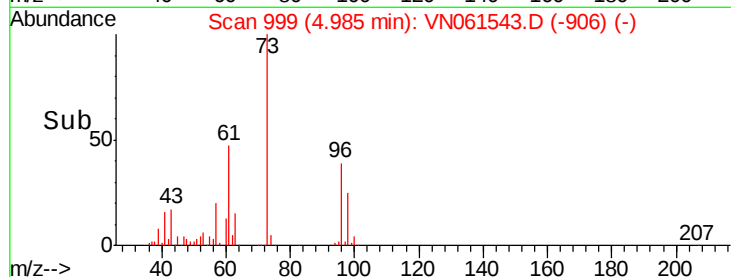
98 62.6 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061543.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061543.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061543.D (-906) (-)



#22

Diisopropyl ether

Concen: 117.552 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Tgt Ion: 45 Resp: 1727877

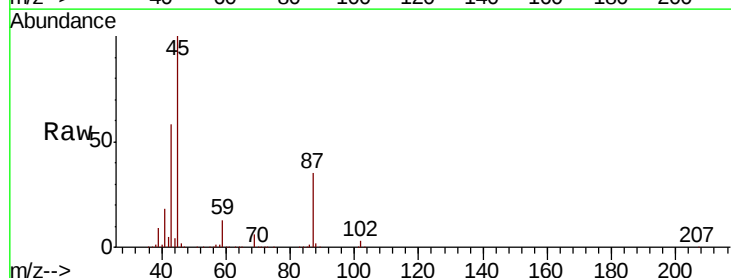
Ion Ratio Lower Upper

45 100

43 57.0 47.9 71.9

87 35.1 28.4 42.6

59 13.0 10.5 15.7

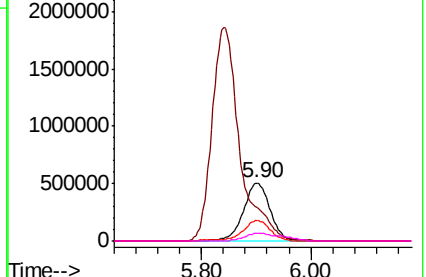
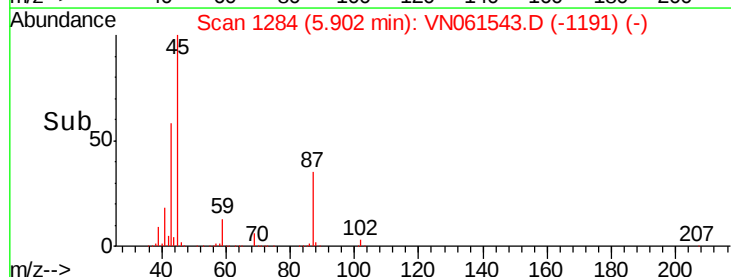


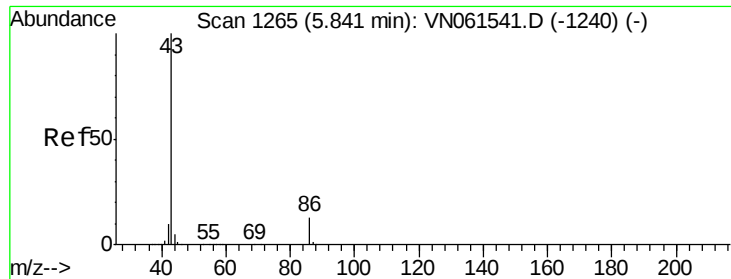
Abundance Ion 45.00 (44.70 to 45.70): VN061543.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061543.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061543.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061543.D (-1191) (-)





#23

Vinyl Acetate

Concen: 564.830 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

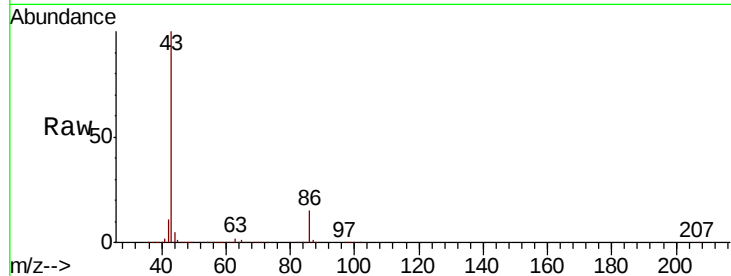
VSTDIC150

Tot Ion: 43 Resp: 6600514

Ion Ratio Lower Upper

43 100

86 14.8 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN061543.D (-1240) (-)

Ion 86.00 (85.70 to 86.70): VN061543.D (-1240) (-)

5.84

2000000

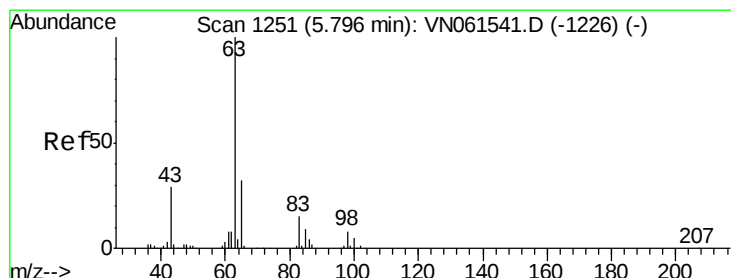
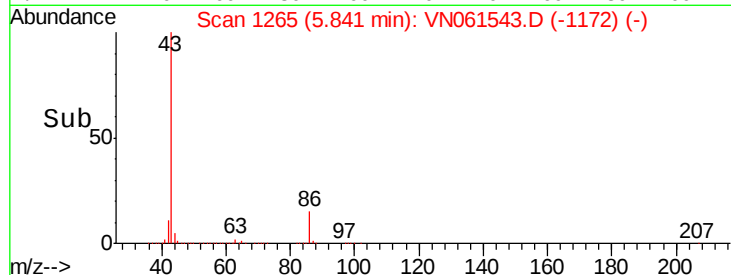
1500000

1000000

500000

0

Time-->



#24

1,1-Dichloroethane

Concen: 123.494 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

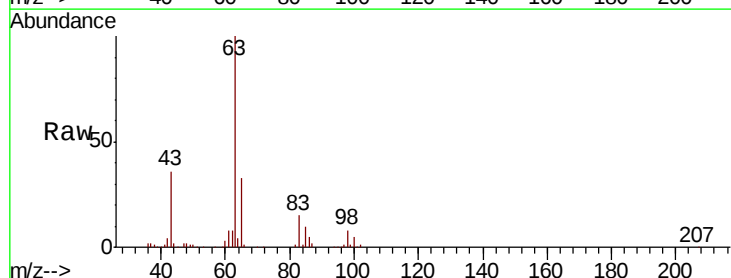
Tgt Ion: 63 Resp: 1068425

Ion Ratio Lower Upper

63 100

98 8.2 3.8 11.4

100 5.2 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN061543.D (-1226) (-)

Ion 97.90 (97.60 to 98.60): VN061543.D (-1226) (-)

Ion 99.90 (99.60 to 100.60): VN061543.D (-1226) (-)

5.80

400000

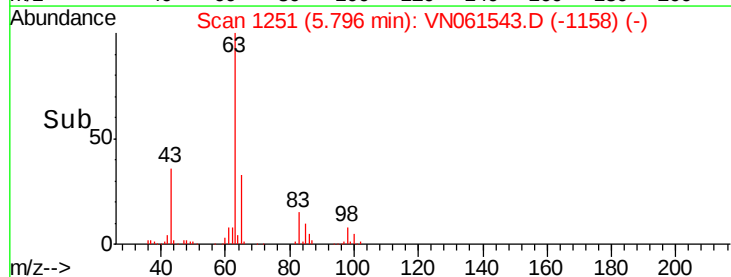
300000

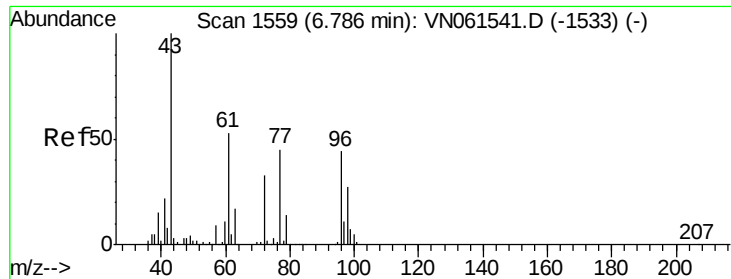
200000

100000

0

Time-->

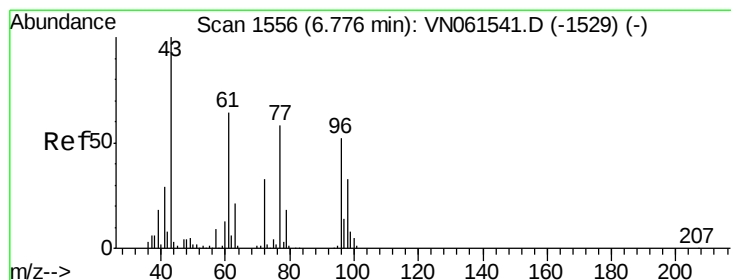
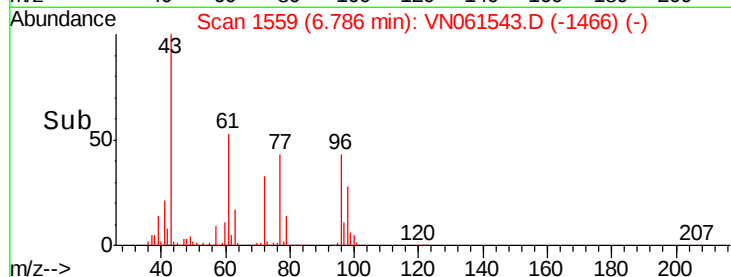
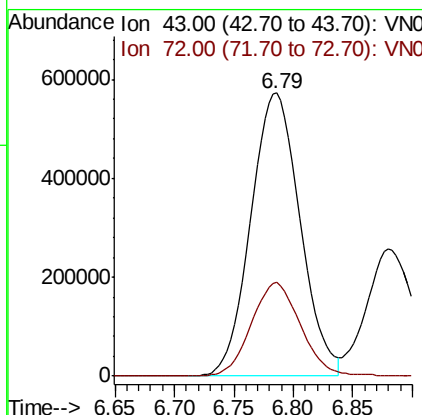
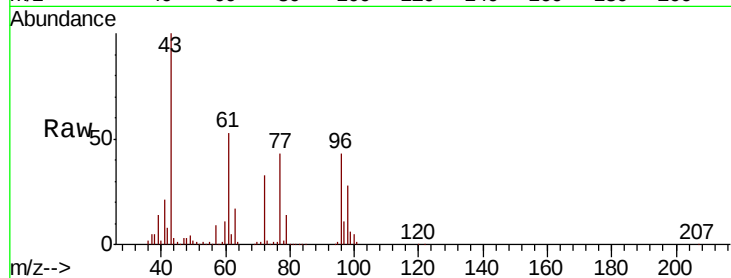




#25
2-Butanone
Concen: 610.768 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

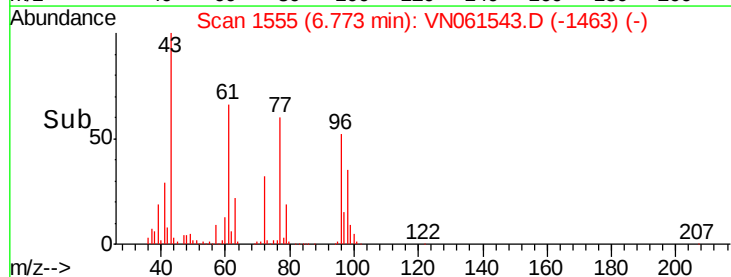
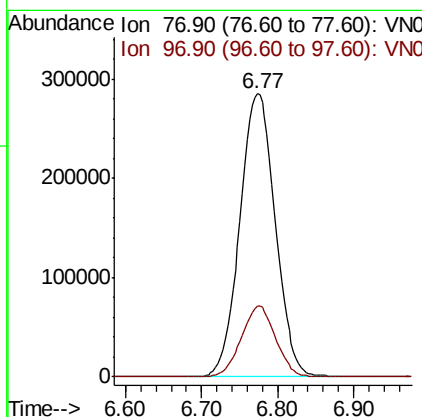
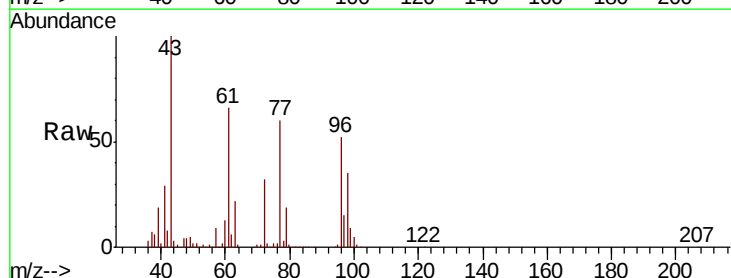
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

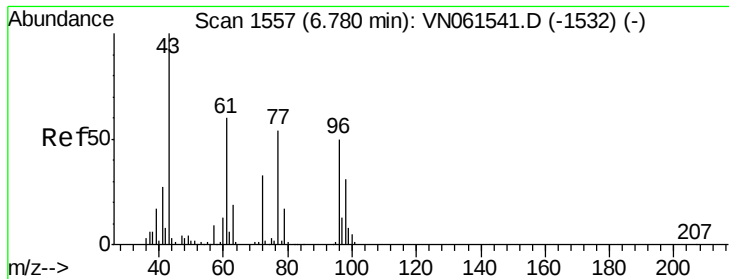
Tot Ion: 43 Resp: 1639406
Ion Ratio Lower Upper
43 100
72 33.1 26.0 39.0



#26
2,2-Dichloropropane
Concen: 112.650 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Tgt Ion: 77 Resp: 923779
Ion Ratio Lower Upper
77 100
97 24.2 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 136.316 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

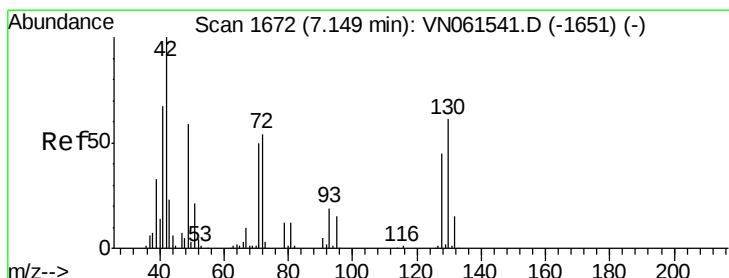
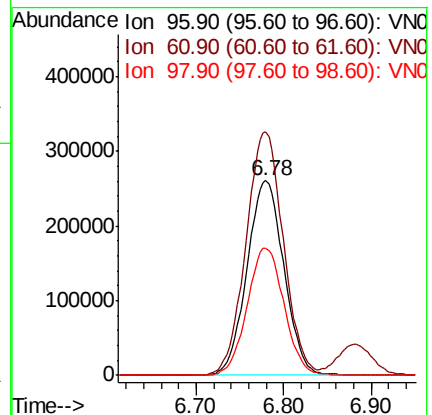
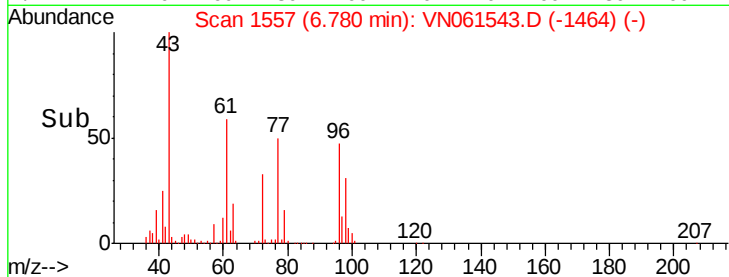
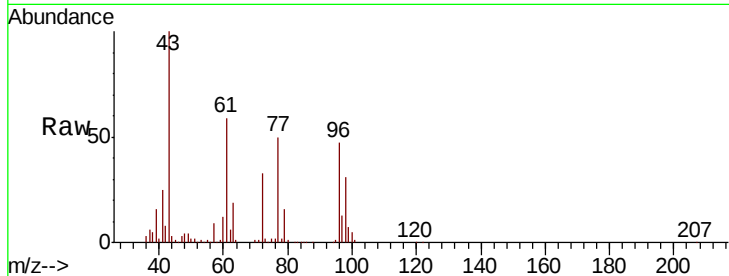
Tot Ion: 96 Resp: 765454

Ion Ratio Lower Upper

96 100

61 126.2 0.0 252.2

98 65.4 0.0 129.2



#28

Bromochloromethane

Concen: 117.897 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

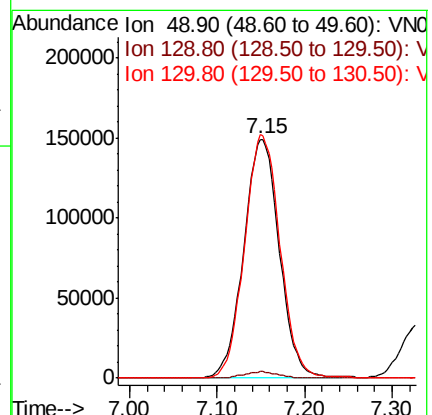
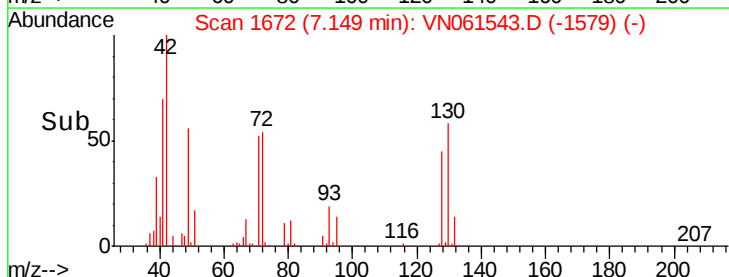
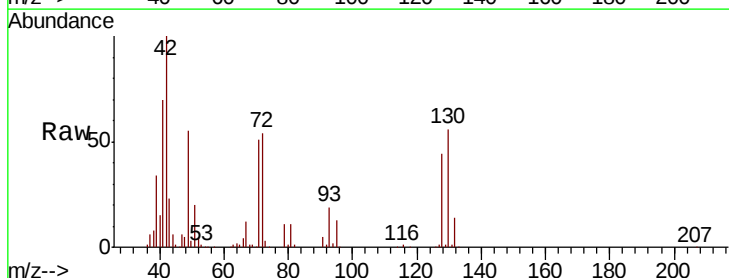
Tgt Ion: 49 Resp: 421813

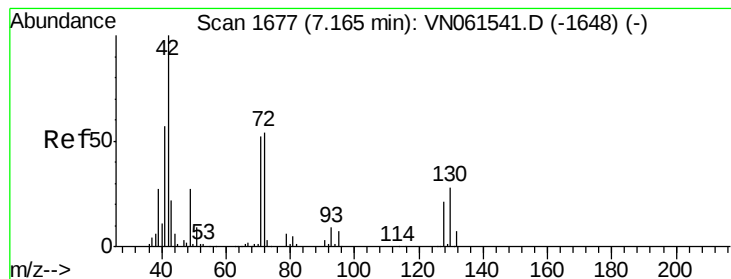
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

130 101.6 78.8 118.2





#29

Tetrahydrofuran

Concen: 617.377 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

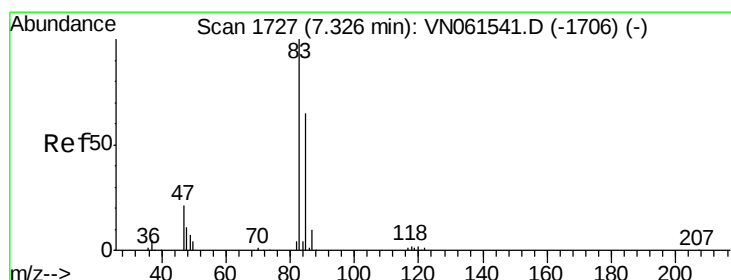
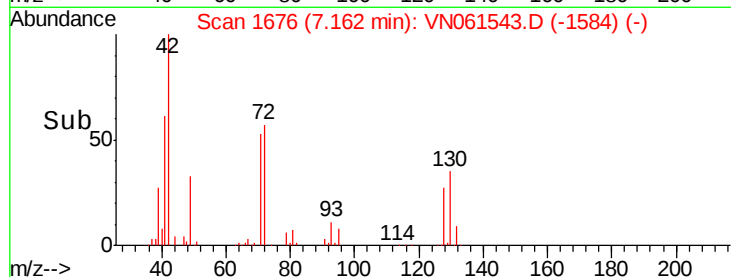
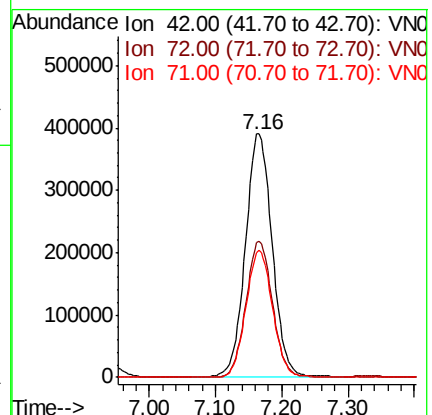
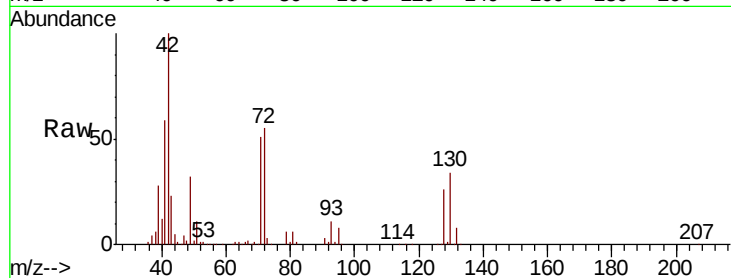
Tot Ion: 42 Resp: 1097433

Ion Ratio Lower Upper

42 100

72 55.0 43.6 65.4

71 51.7 41.2 61.8



#30

Chloroform

Concen: 132.300 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VN061543.D

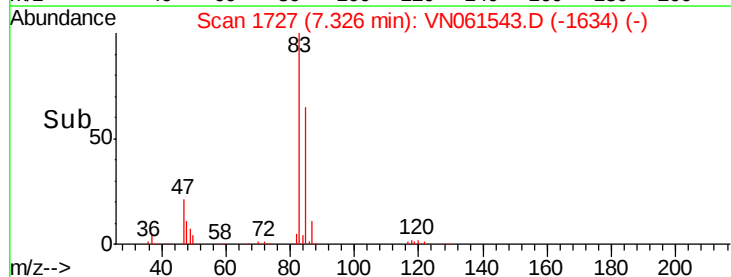
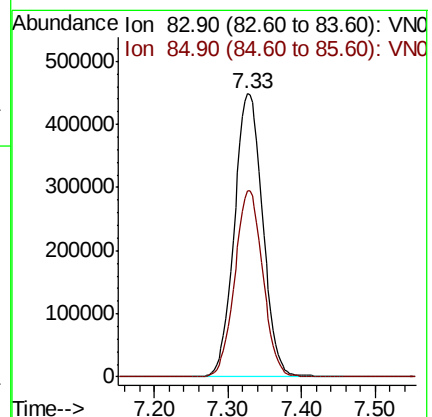
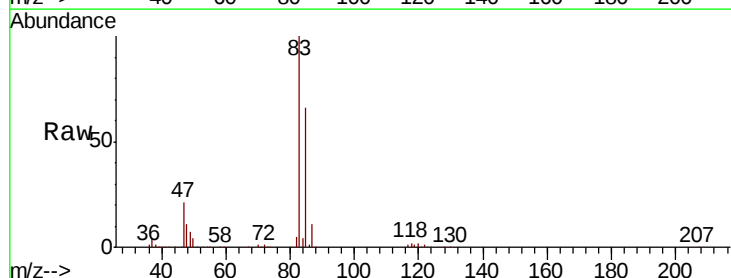
Acq: 28 May 2020 19:42

Tgt Ion: 83 Resp: 1202085

Ion Ratio Lower Upper

83 100

85 65.5 51.7 77.5





#31

Cyclohexane

Concen: 114.409 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

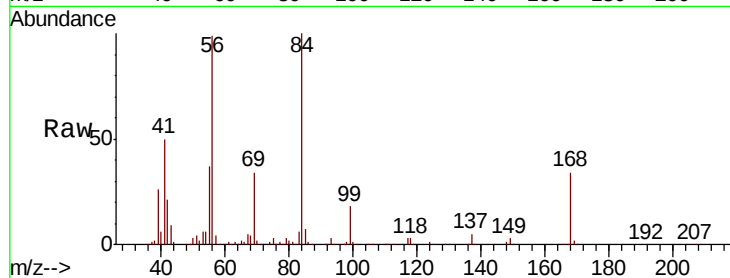
Tot Ion: 56 Resp: 941002

Ion Ratio Lower Upper

56 100

69 34.0 27.8 41.8

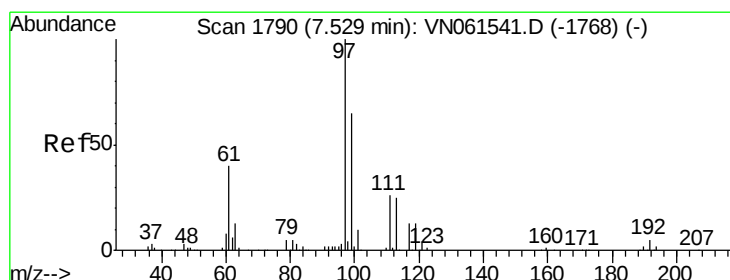
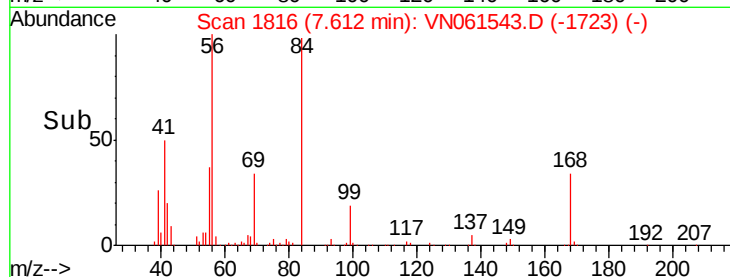
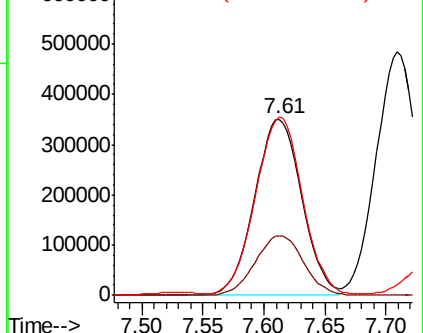
84 99.9 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061543.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN061543.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN061543.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 131.964 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

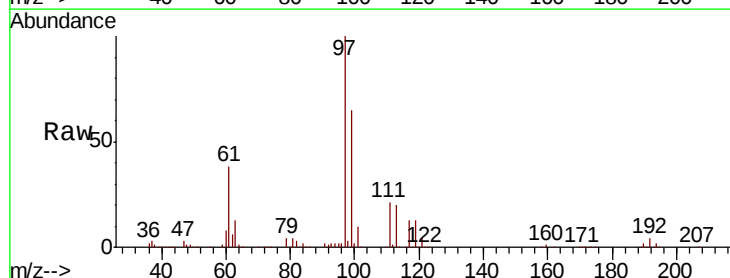
Tgt Ion: 97 Resp: 1097003

Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

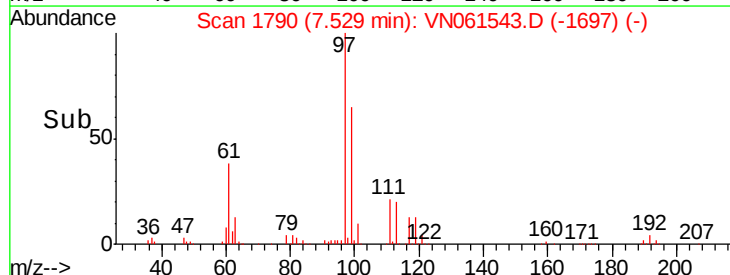
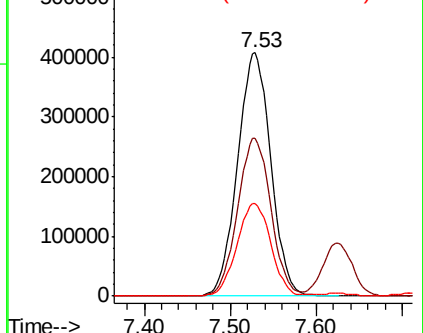
61 38.8 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN061543.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061543.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061543.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 123.013 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

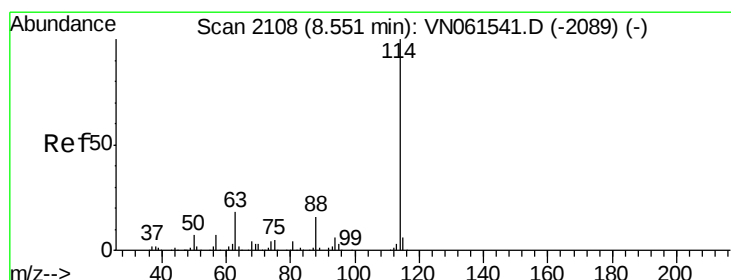
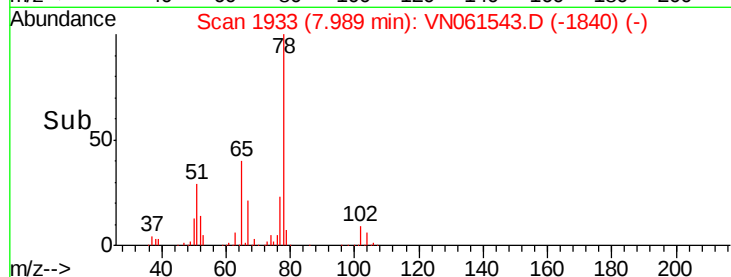
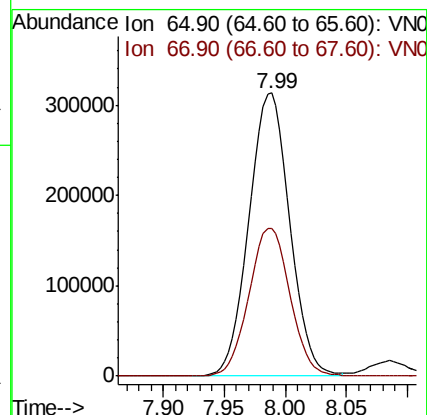
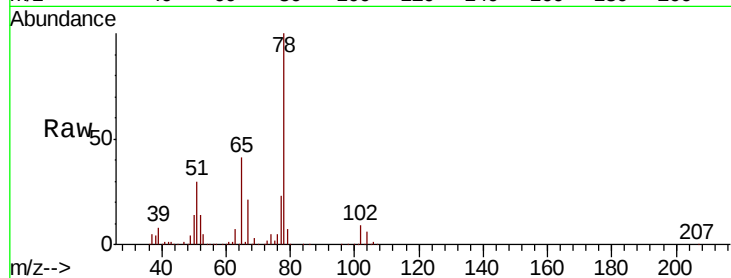
VSTDIC150

Tot Ion: 65 Resp: 725731

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

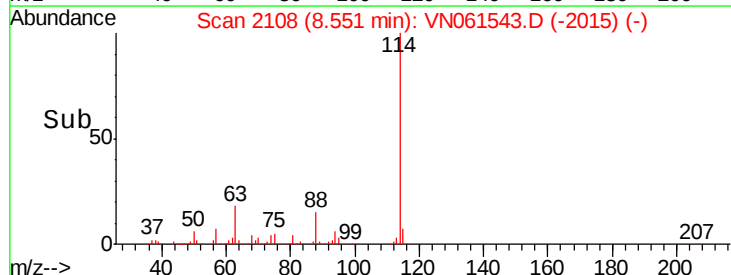
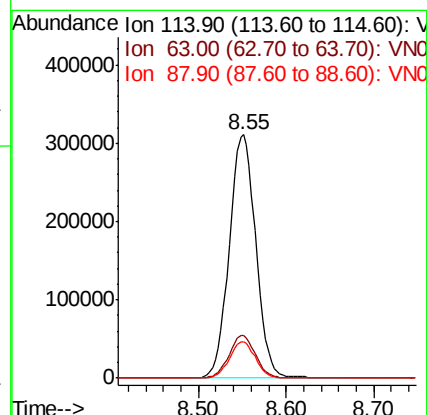
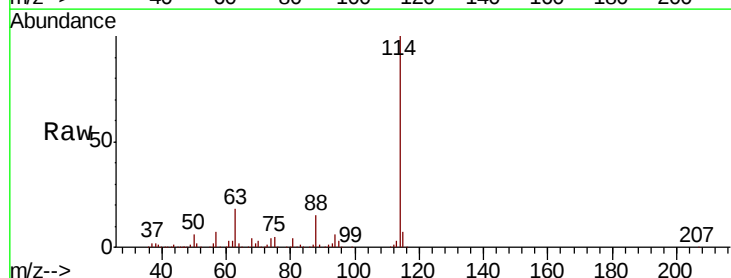
Tgt Ion: 114 Resp: 653959

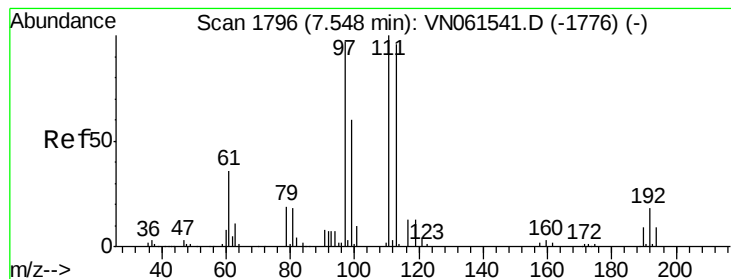
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.8

88 15.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 122.739 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

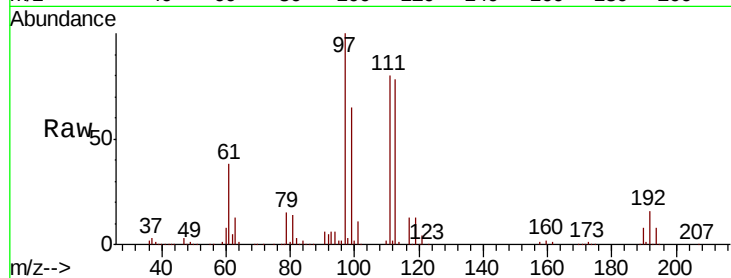
Tot Ion:113 Resp: 422700

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.0

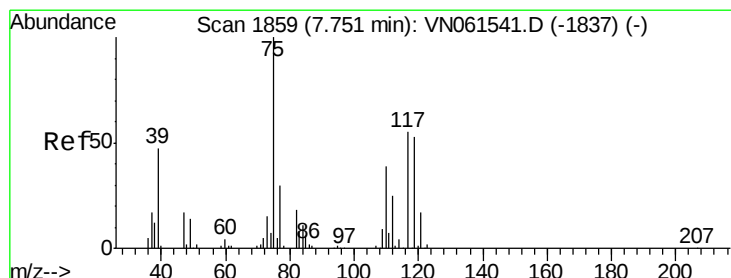
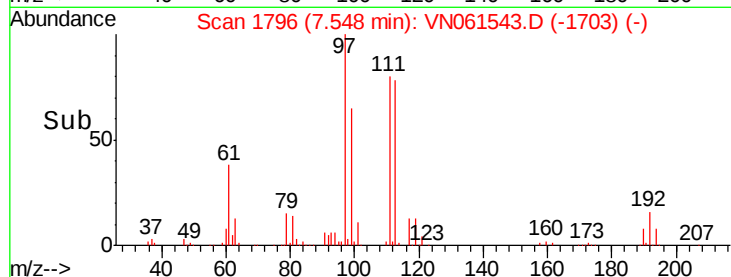
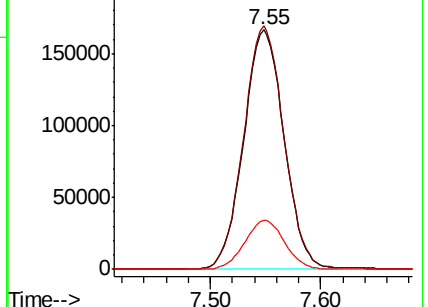
192 20.3 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 145.844 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

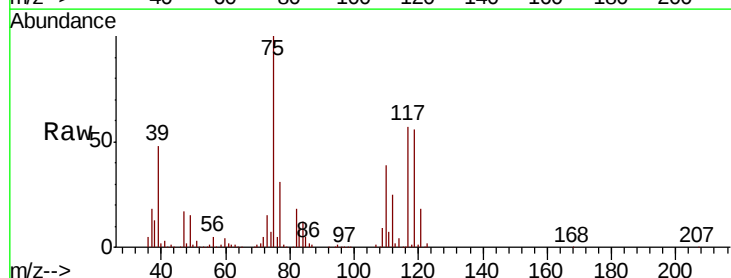
Tgt Ion: 75 Resp: 878750

Ion Ratio Lower Upper

75 100

110 39.1 19.5 58.5

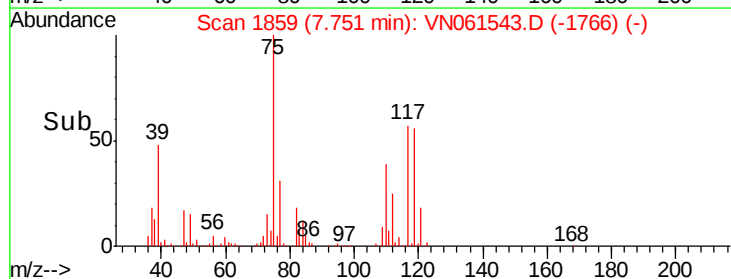
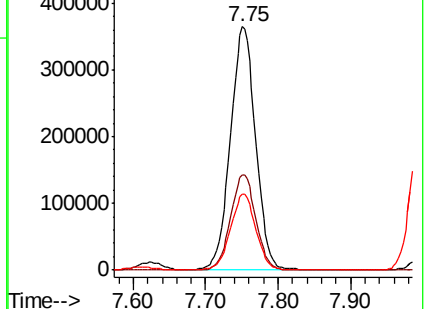
77 31.5 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

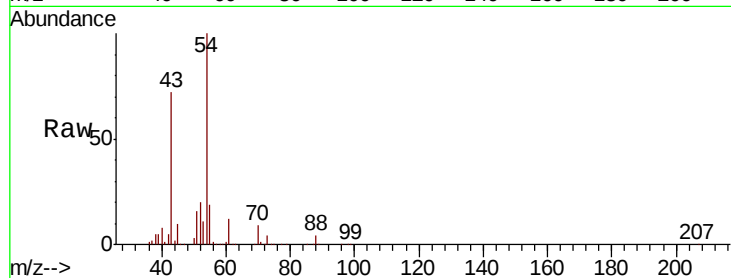




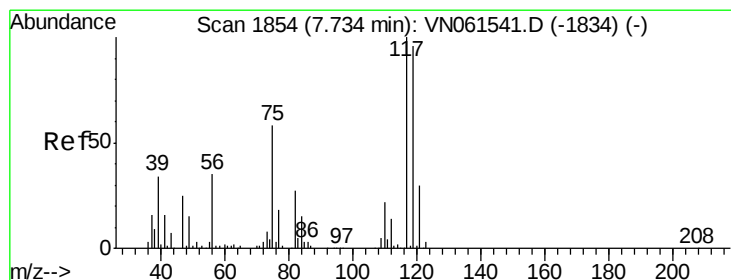
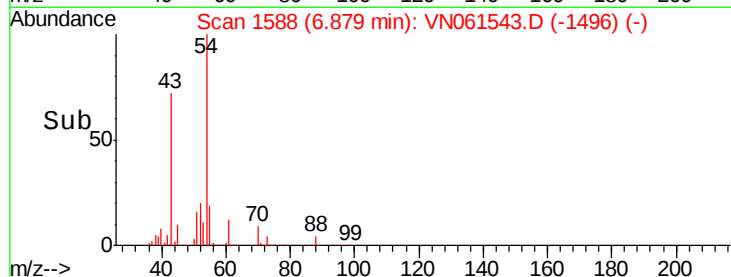
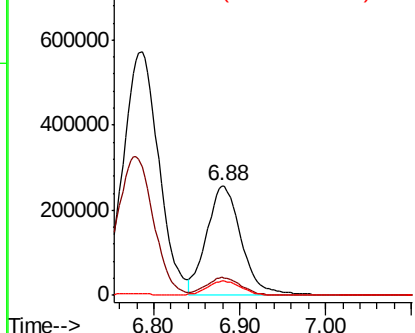
#37
Ethyl Acetate
Concen: 132.045 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 720038
Ion Ratio Lower Upper
43 100
61 16.3 12.2 18.4
70 12.8 9.4 14.2

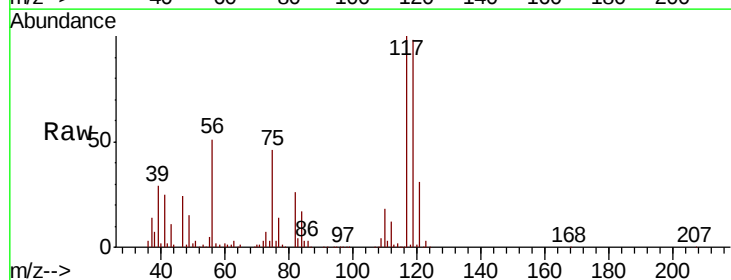


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

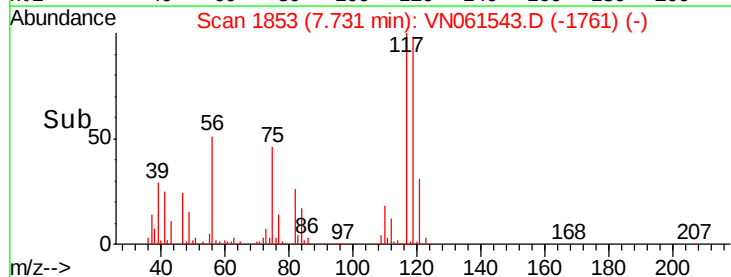
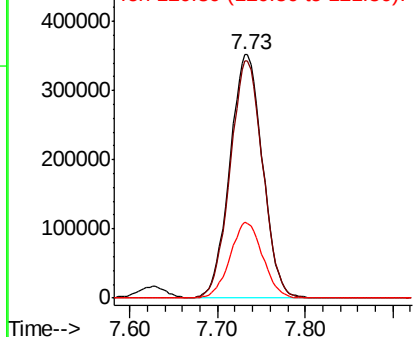


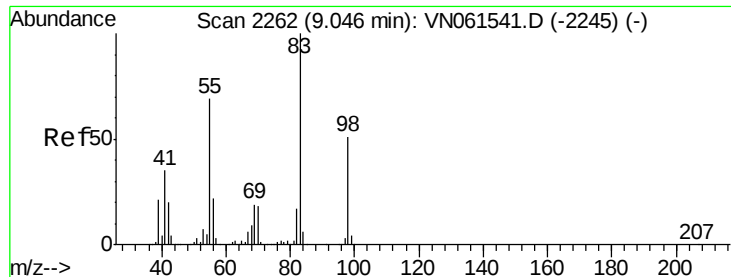
#38
Carbon Tetrachloride
Concen: 163.490 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Tgt Ion: 117 Resp: 911364
Ion Ratio Lower Upper
117 100
119 97.6 76.5 114.7
121 31.0 24.1 36.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

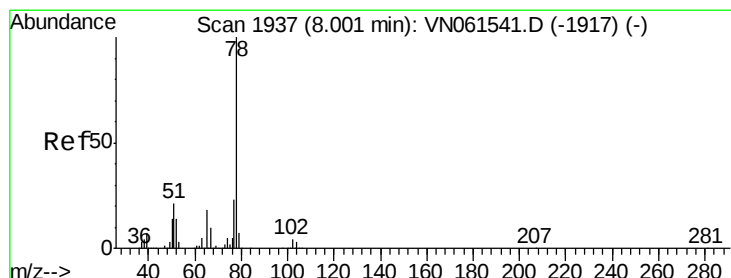
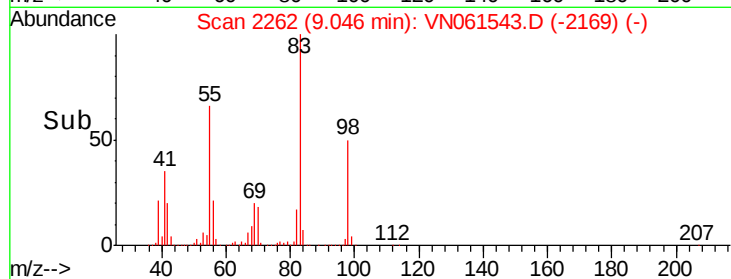
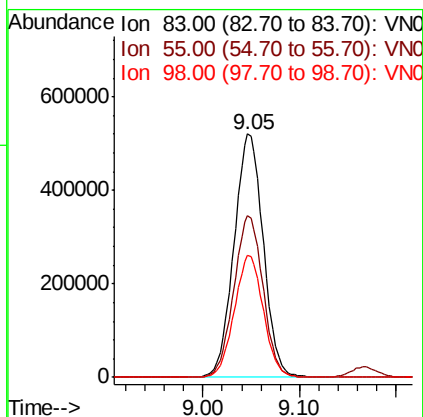
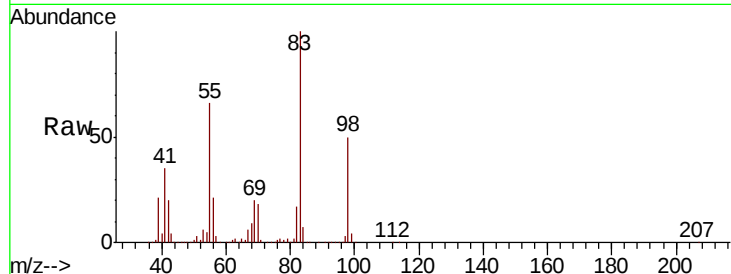




#39
Methvlcvclohexane
Concen: 148.227 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

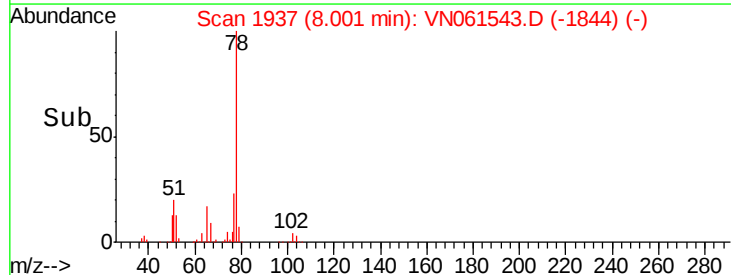
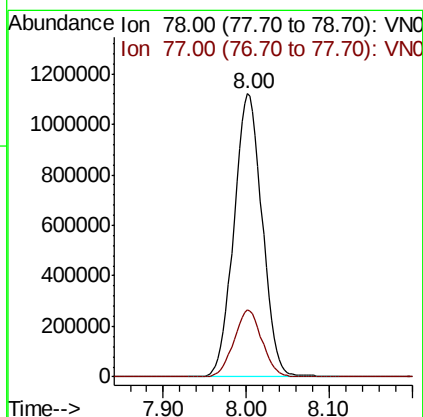
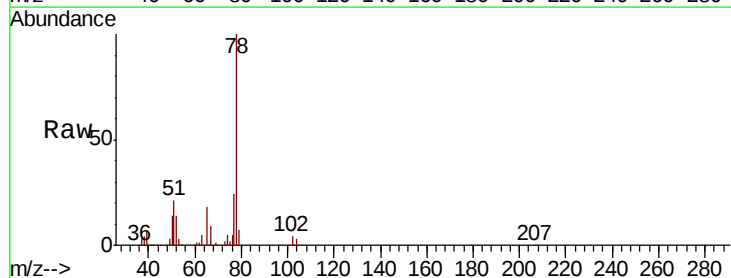
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

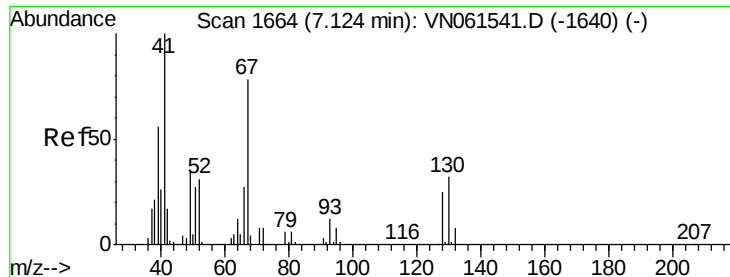
Tot Ion: 83 Resp: 1093394
Ion Ratio Lower Upper
83 100
55 66.3 54.9 82.3
98 50.0 41.0 61.4



#40
Benzene
Concen: 146.316 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Tgt Ion: 78 Resp: 2661544
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

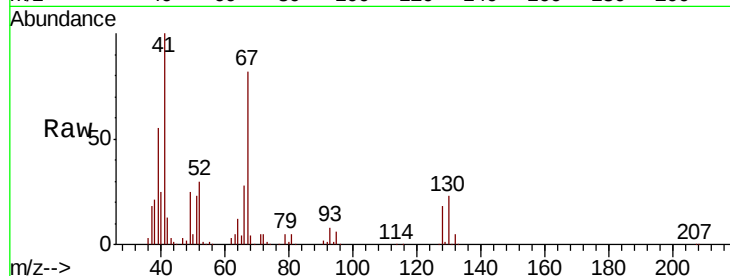




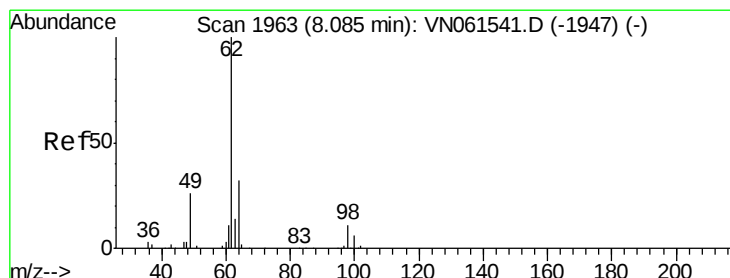
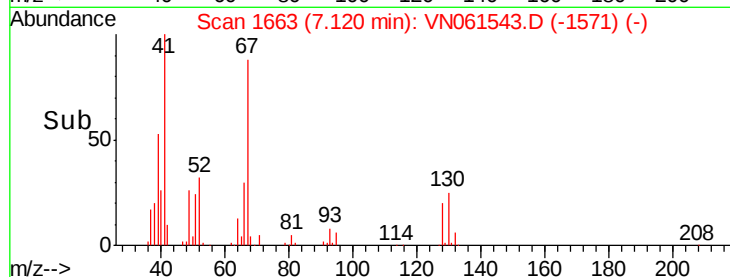
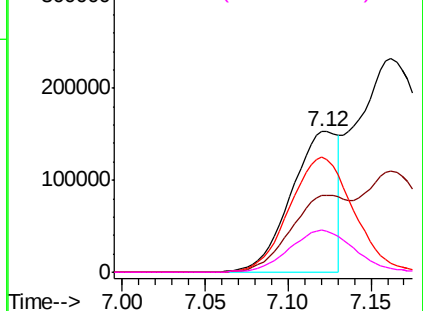
#41
Methacrylonitrile
Concen: 133.572 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	299463
Ion	Ratio	Lower	Upper
41	100		
39	65.2	53.8	80.6
67	112.8	91.1	136.7
52	41.3	36.0	54.0

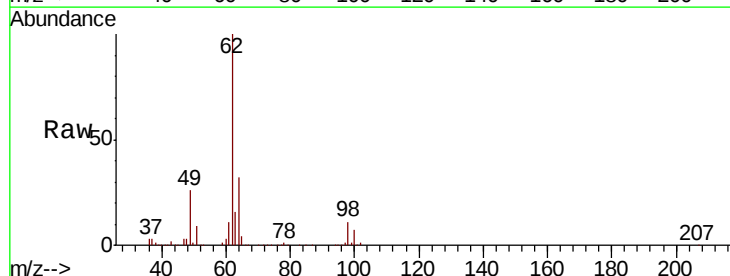


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

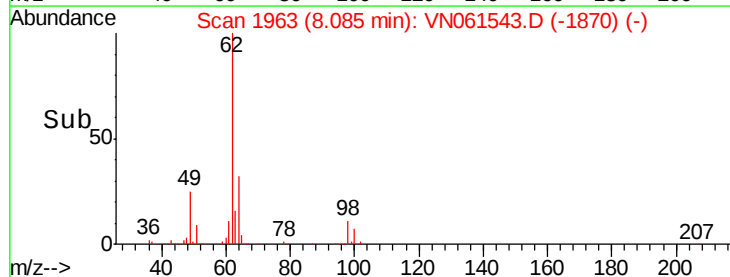
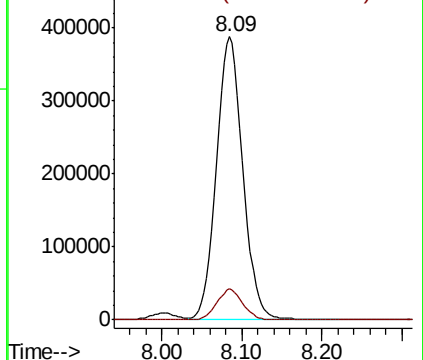


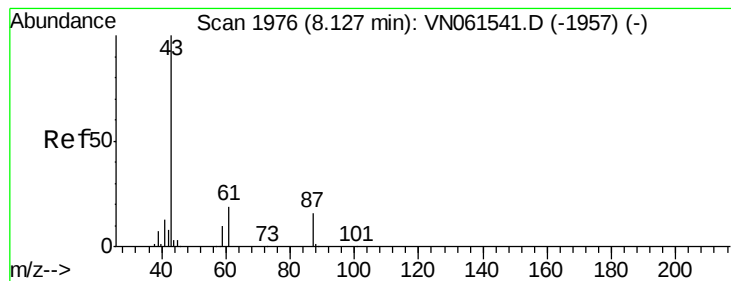
#42
1,2-Dichloroethane
Concen: 136.252 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Tgt Ion:	62	Resp:	883581
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



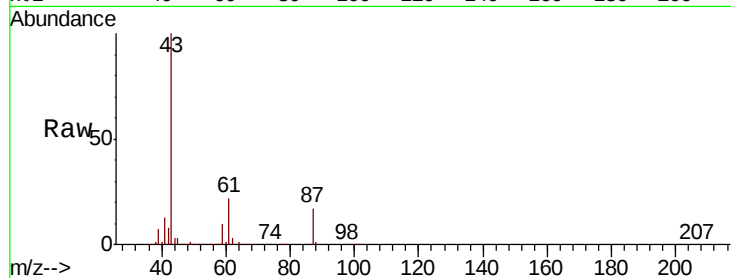


#43

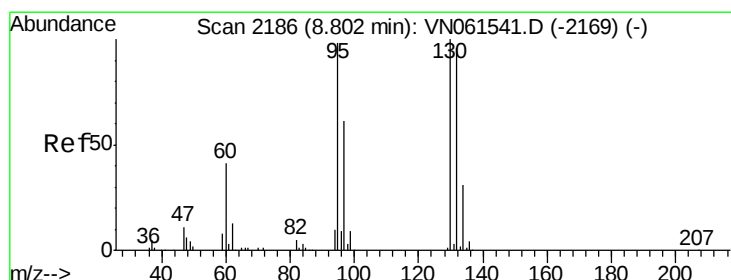
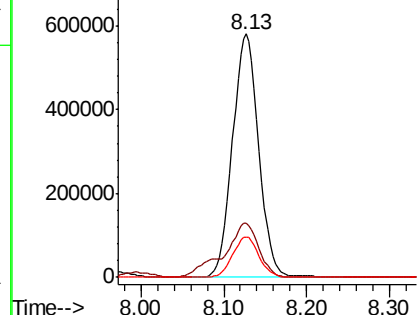
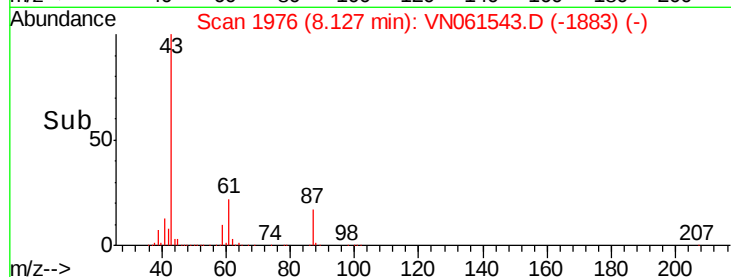
Isopropyl Acetate
 Concen: 134.499 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061543.D
 Acq: 28 May 2020 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 1269333
 Ion Ratio Lower Upper
 43 100
 61 29.5 23.6 35.4
 87 16.7 13.0 19.6



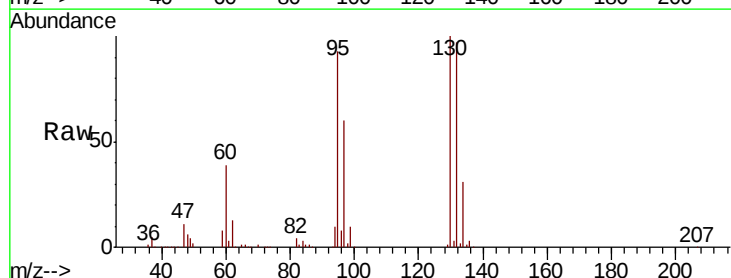
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



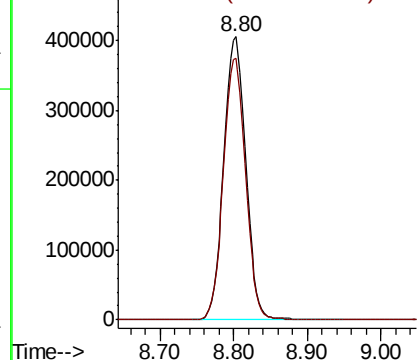
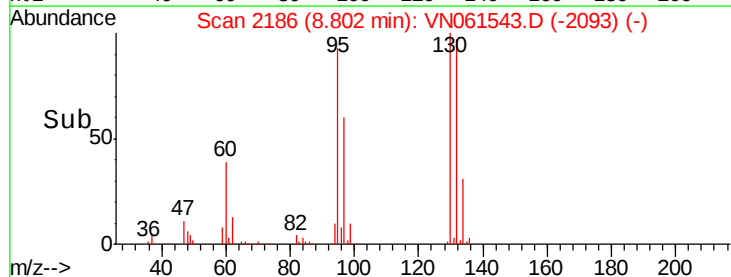
#44

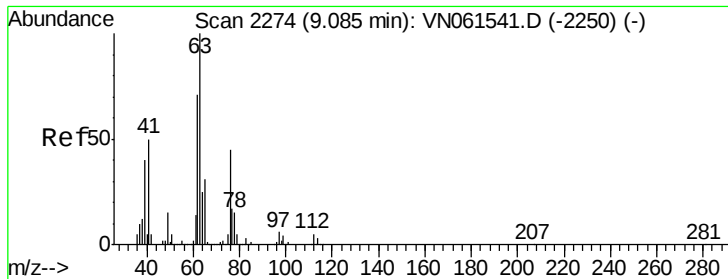
Trichloroethene
 Concen: 172.141 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN061543.D
 Acq: 28 May 2020 19:42

Tgt Ion: 130 Resp: 846985
 Ion Ratio Lower Upper
 130 100
 95 92.5 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

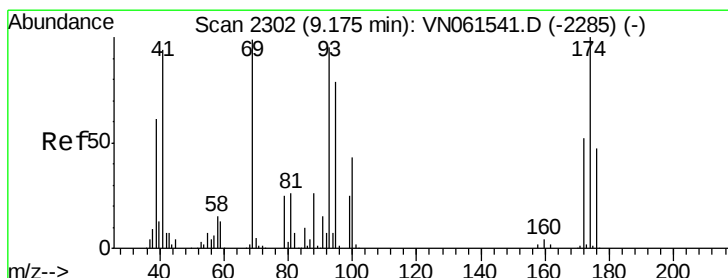
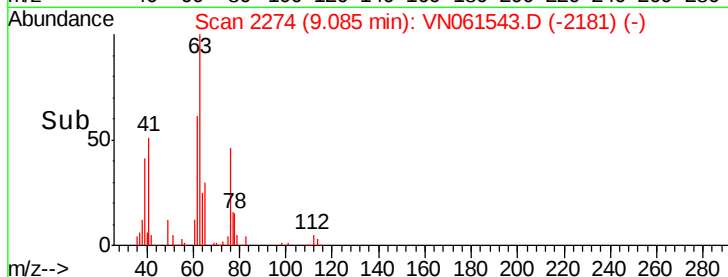
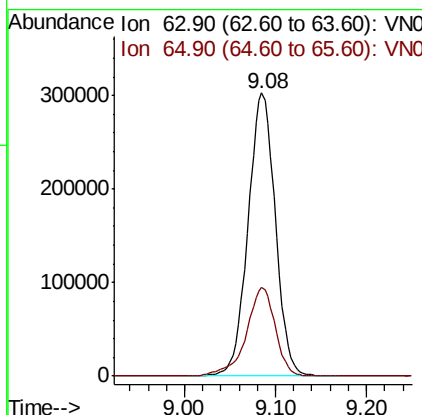
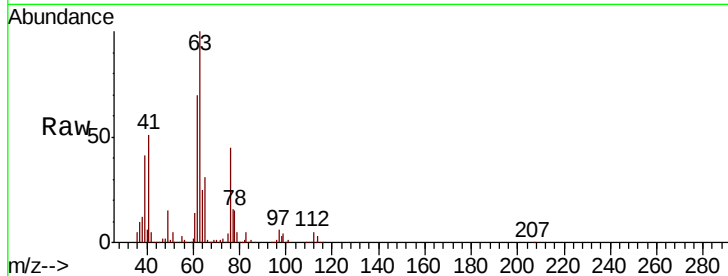




#45
 1,2-Dichloropropane
 Concen: 139.574 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061543.D
 Acq: 28 May 2020 19:42

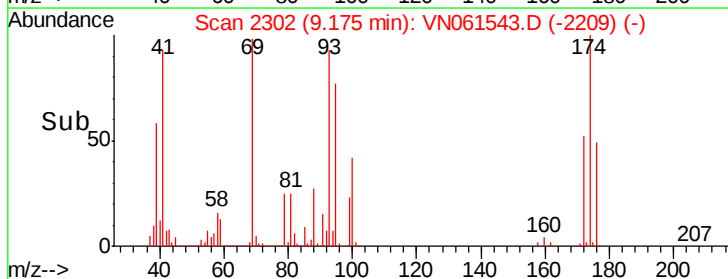
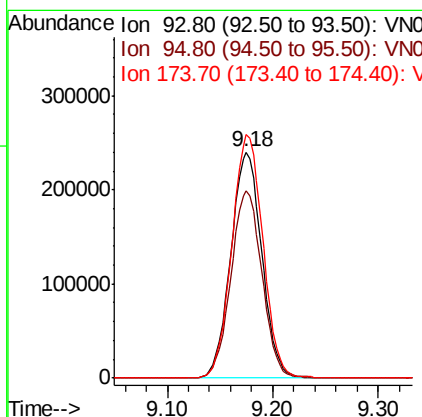
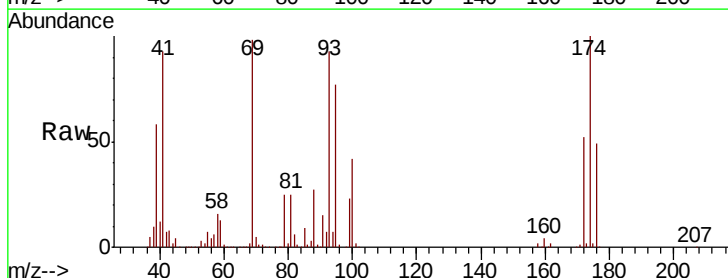
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

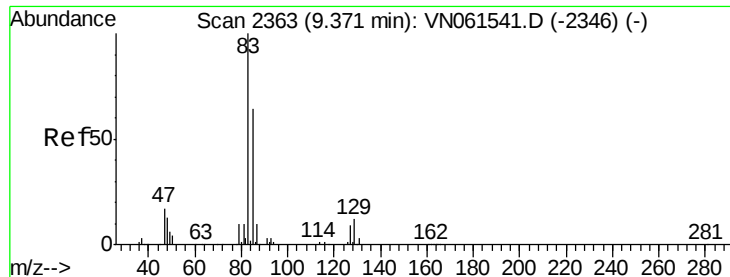
Tot Ion: 63 Resp: 630836
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1



#46
 Dibromomethane
 Concen: 152.266 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061543.D
 Acq: 28 May 2020 19:42

Tgt Ion: 93 Resp: 489383
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.0 99.0
 174 107.9 82.5 123.7





#47

Bromodichloromethane

Concen: 146.788 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

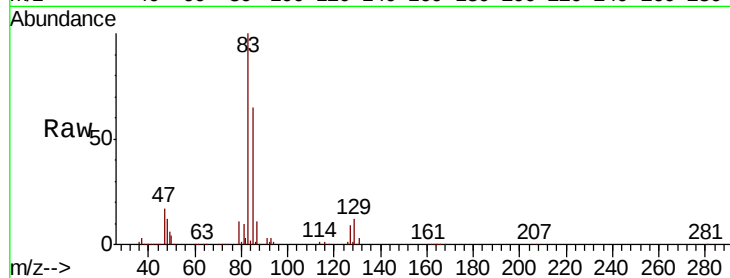
Tot Ion: 83 Resp: 983557

Ion Ratio Lower Upper

83 100

85 64.6 51.1 76.7

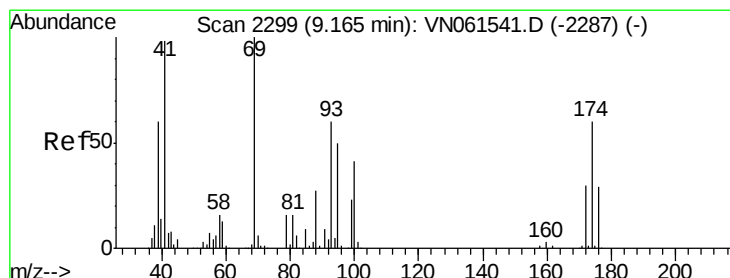
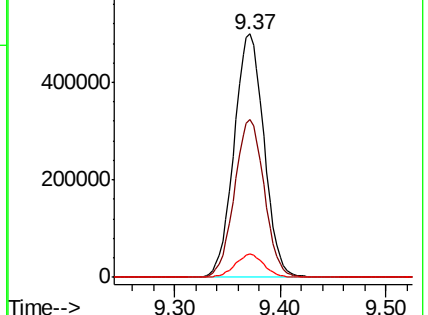
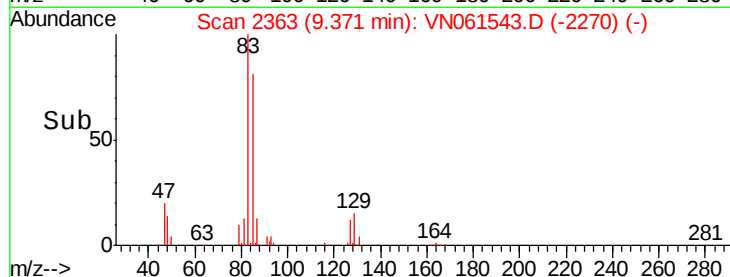
127 9.4 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061543.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061543.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061543.D (-2270) (-)



#48

Methyl methacrylate

Concen: 129.813 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

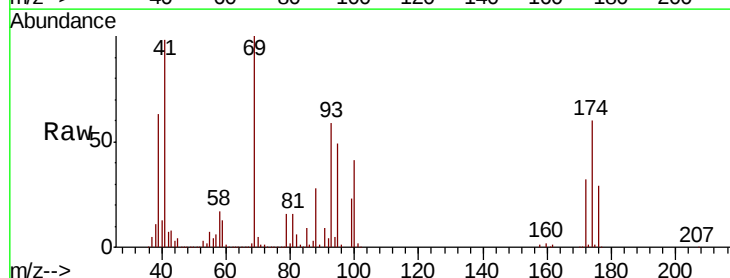
Tgt Ion: 41 Resp: 562563

Ion Ratio Lower Upper

41 100

69 105.4 83.9 125.9

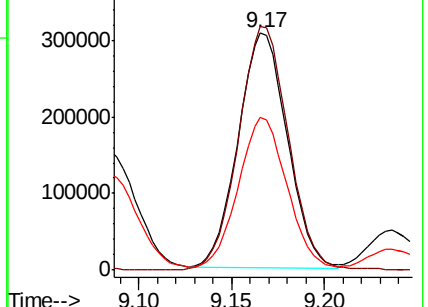
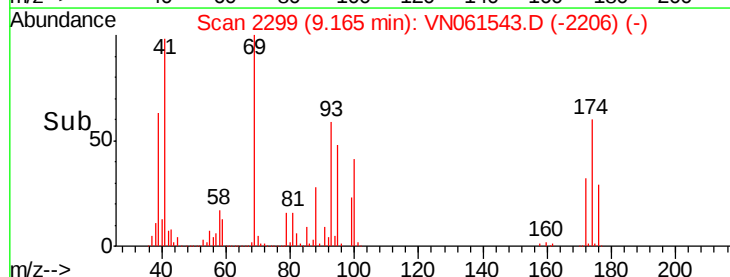
39 62.6 52.1 78.1

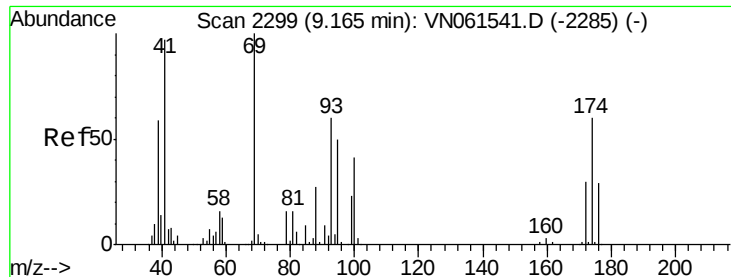


Abundance Ion 41.00 (40.70 to 41.70): VN061543.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061543.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061543.D (-2206) (-)

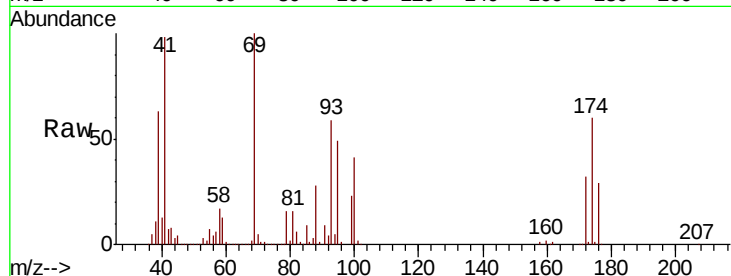




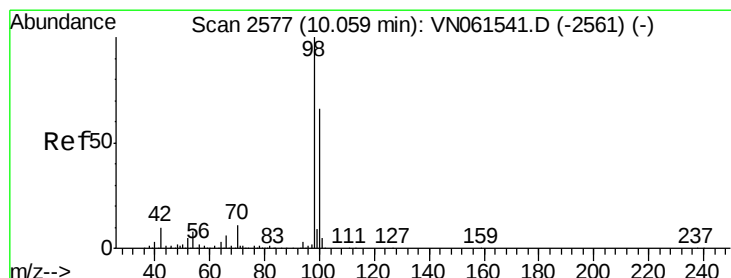
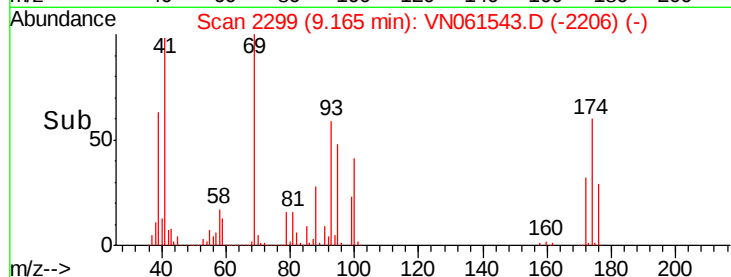
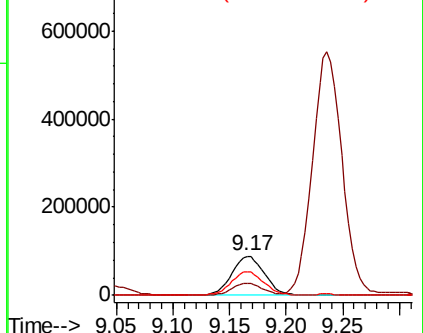
#49
1,4-Dioxane
Concen: 3312.997 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 88 Resp: 179772
Ion Ratio Lower Upper
88 100
43 27.8 23.1 34.7
58 59.7 48.3 72.5

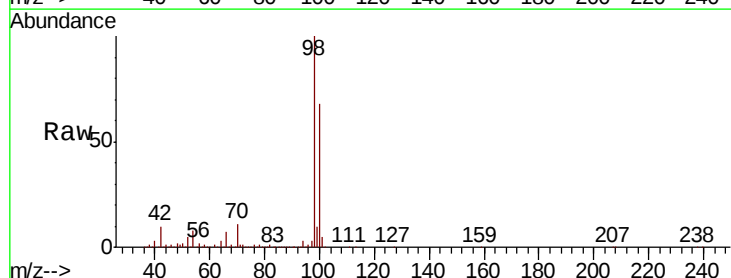


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

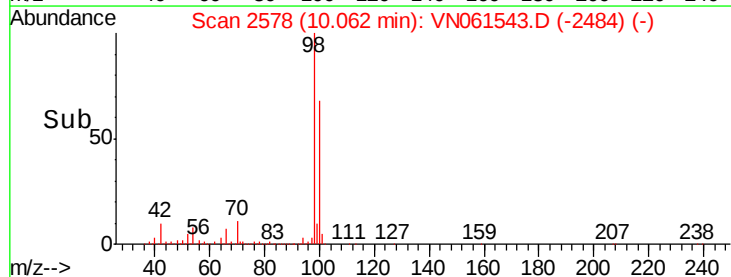
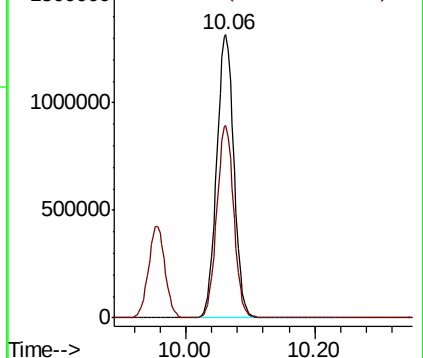


#50
Toluene-d8
Concen: 153.565 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Tgt Ion: 98 Resp: 2446318
Ion Ratio Lower Upper
98 100
100 67.3 52.8 79.2



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

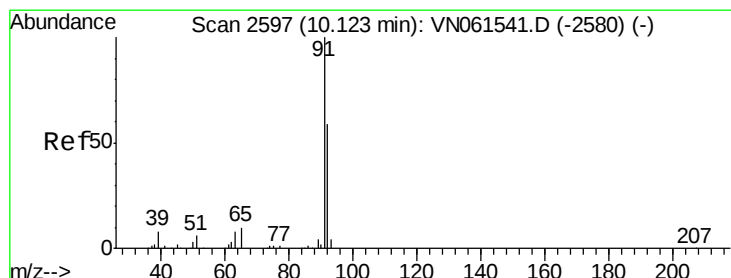
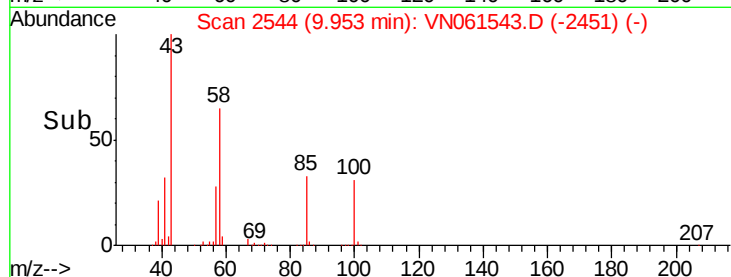
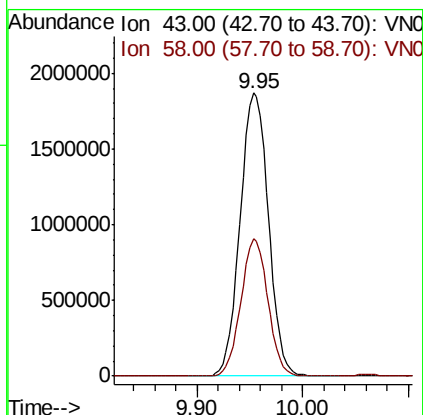
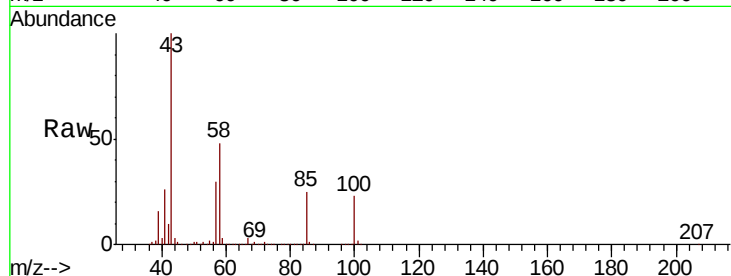




#51
 4-Methyl-2-Pentanone
 Concen: 676.760 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN061543.D
 Acq: 28 May 2020 19:42

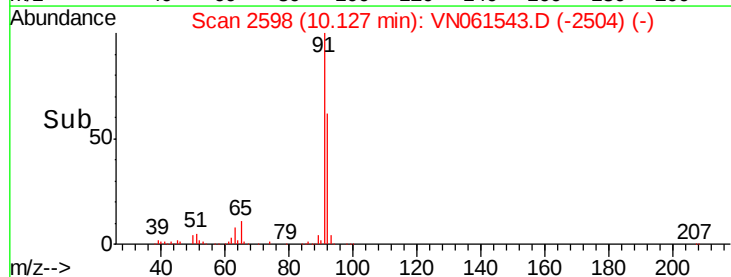
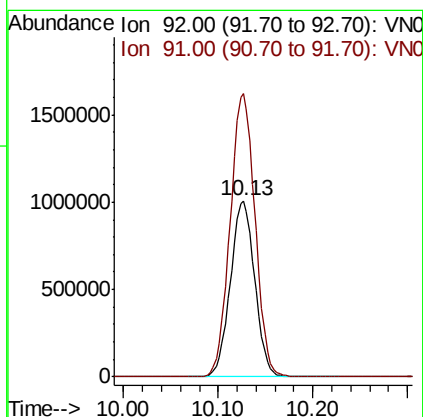
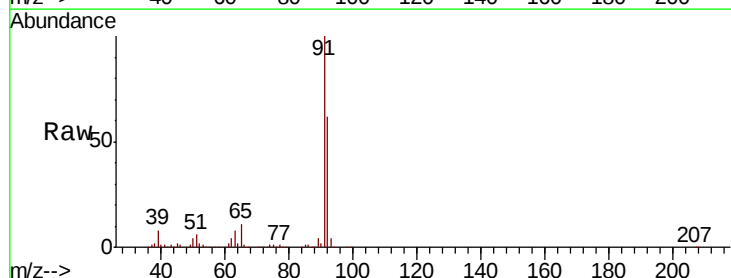
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

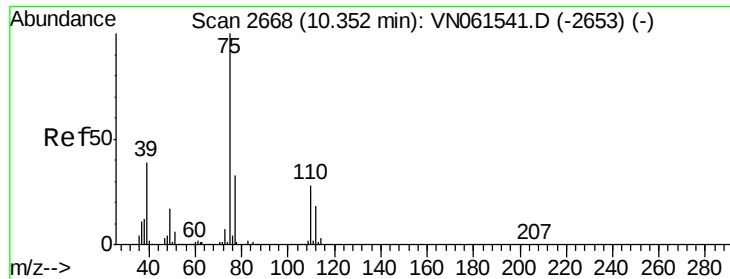
Tot Ion: 43 Resp: 3484974
 Ion Ratio Lower Upper
 43 100
 58 46.3 35.0 52.6



#52
 Toluene
 Concen: 153.375 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: VN061543.D
 Acq: 28 May 2020 19:42

Tgt Ion: 92 Resp: 1797353
 Ion Ratio Lower Upper
 92 100
 91 164.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 149.094 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

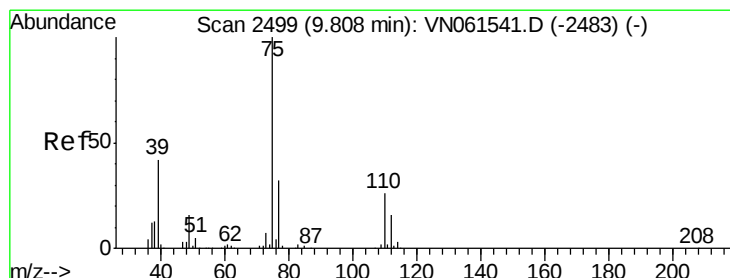
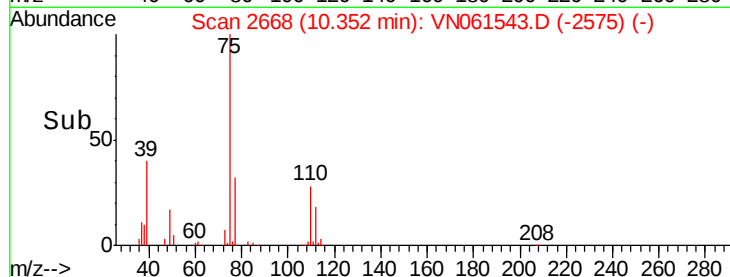
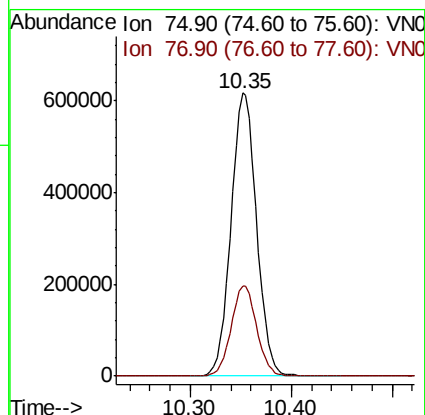
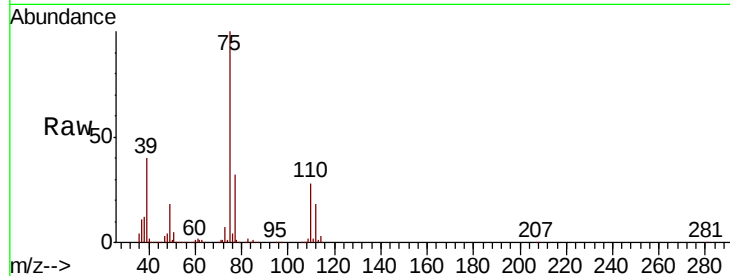
VSTDIC150

Tot Ion: 75 Resp: 1089876

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 146.903 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

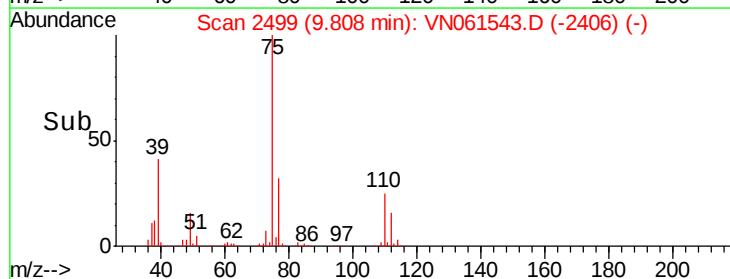
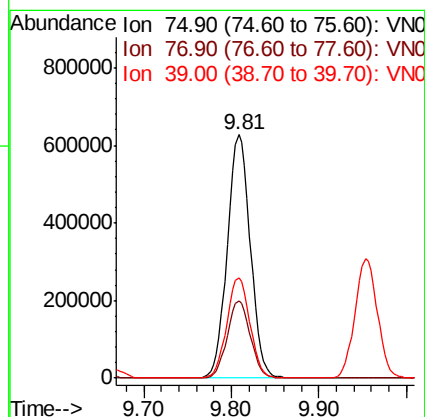
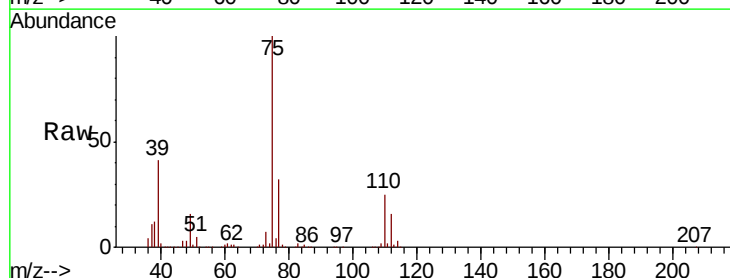
Tgt Ion: 75 Resp: 1147761

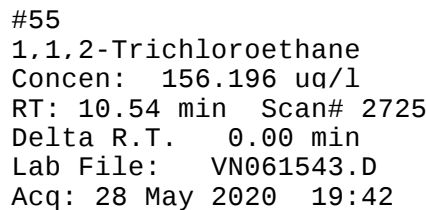
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

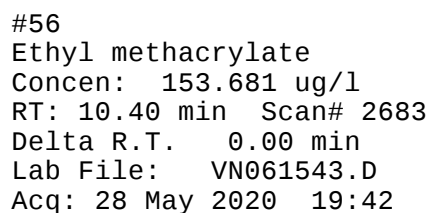
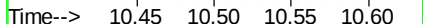
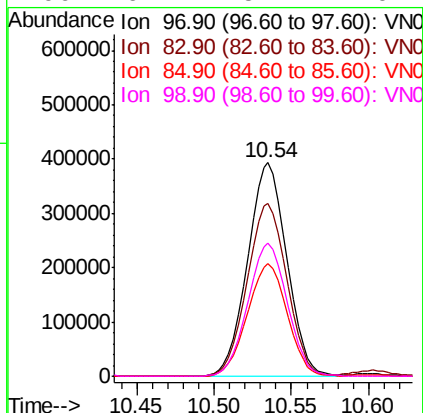
39 41.3 33.8 50.6



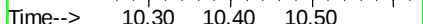
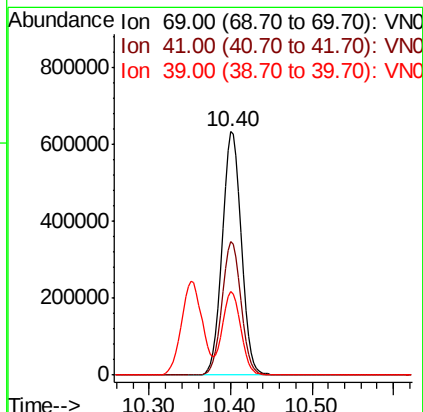


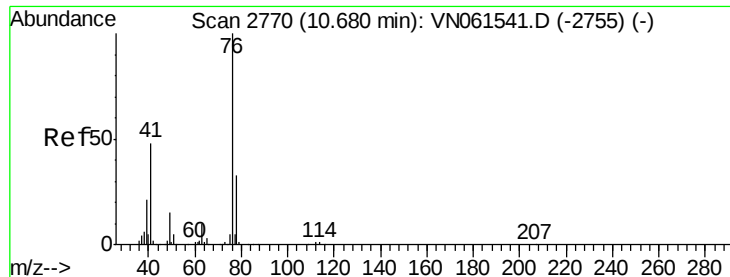
Instrument : MSVOA_N
ClientSampleId : VSTDICC150

Tat	Ion: 97	Resp:	694550
Ion	Ratio	Lower	Upper
97	100		
83	80.7	68.1	102.1
85	52.6	44.1	66.1
99	62.2	51.1	76.7



Tgt	Ion: 69	Resp: 1055279	
Ion	Ratio	Lower	Upper
69	100		
41	54.3	43.5	65.3
39	33.7	27.0	40.6





#57

1,3-Dichloropropane

Concen: 147.520 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

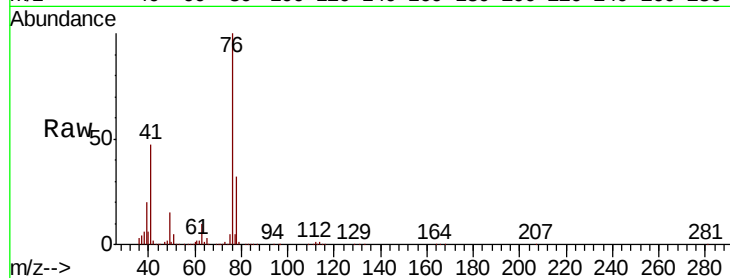
VSTDIC150

Tot Ion: 76 Resp: 1122529

Ion Ratio Lower Upper

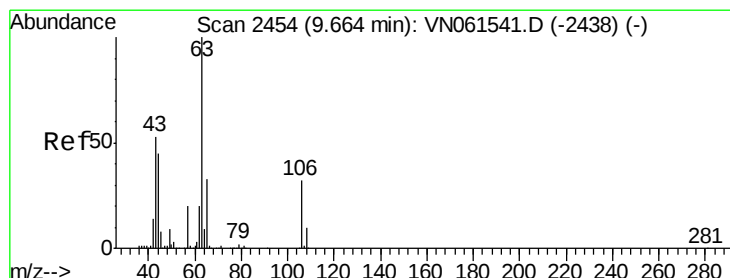
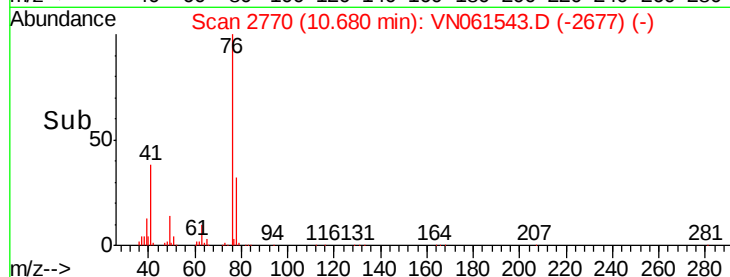
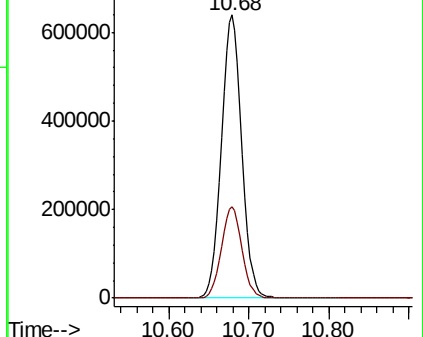
76 100

78 32.6 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 754.633 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061543.D

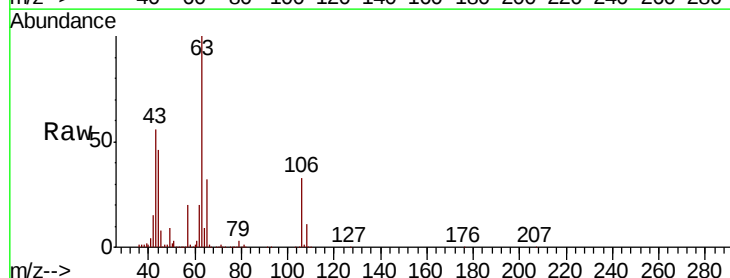
Acq: 28 May 2020 19:42

Tgt Ion: 63 Resp: 2272991

Ion Ratio Lower Upper

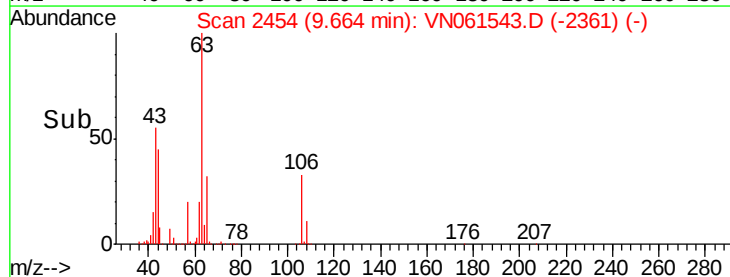
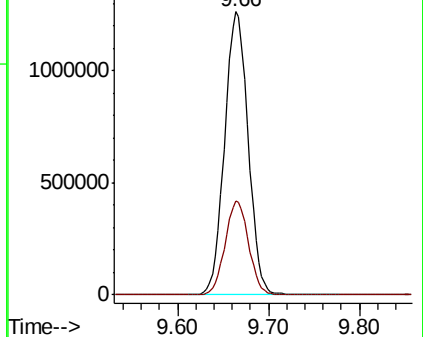
63 100

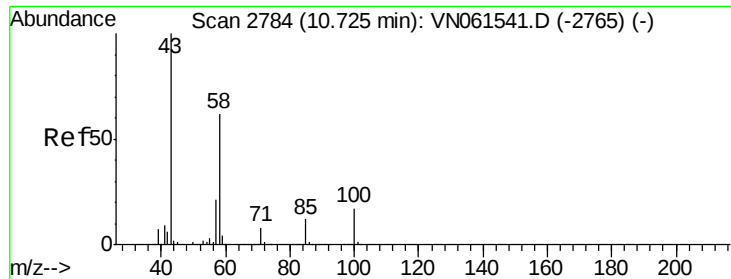
106 32.9 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

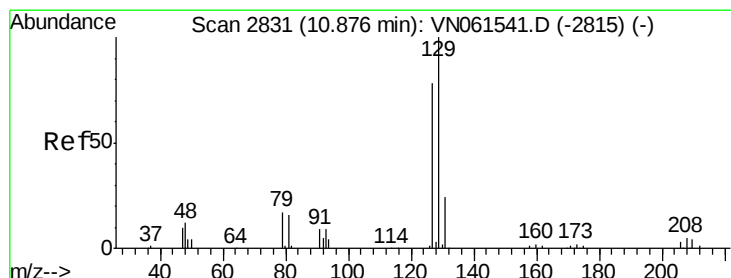
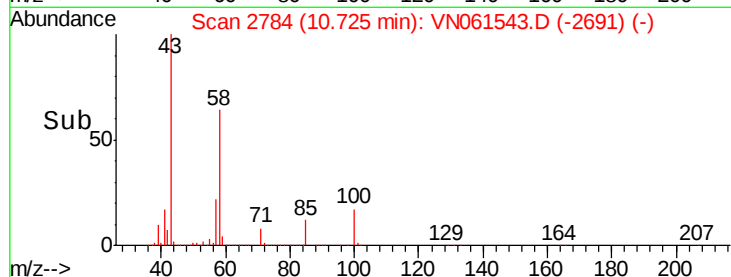
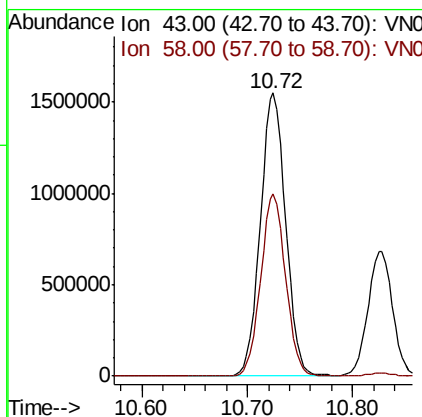
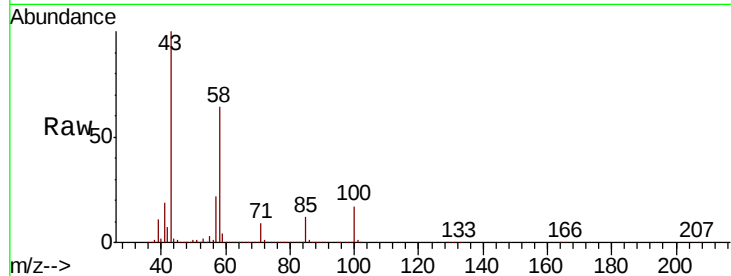




#59
2-Hexanone
Concen: 697.992 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

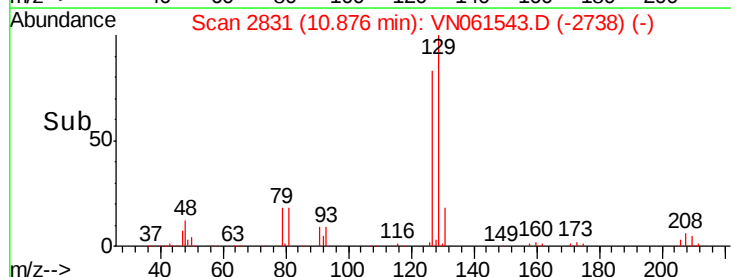
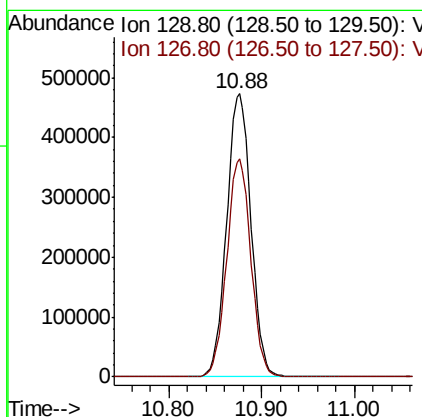
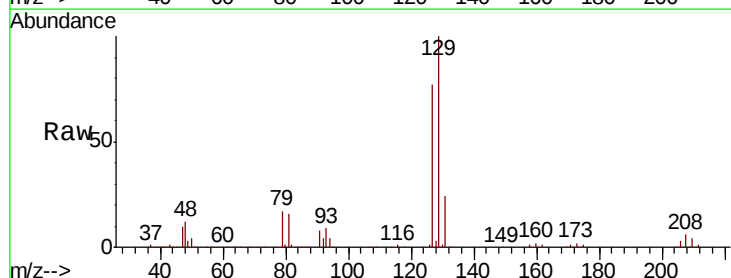
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2598955
Ion Ratio Lower Upper
43 100
58 63.2 30.7 92.1



#60
Dibromochloromethane
Concen: 173.385 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Tgt Ion: 129 Resp: 859636
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 161.309 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

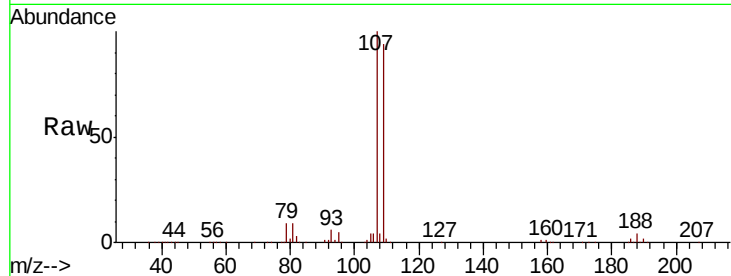
VSTDIC150

Tot Ion:107 Resp: 756211

Ion Ratio Lower Upper

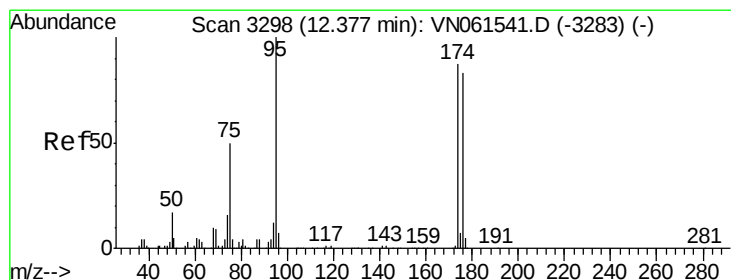
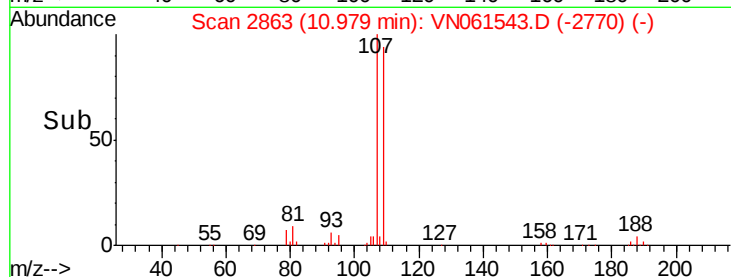
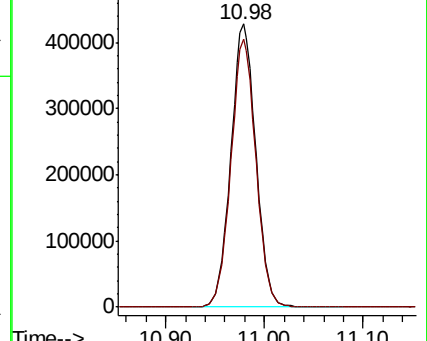
107 100

109 94.8 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 154.907 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

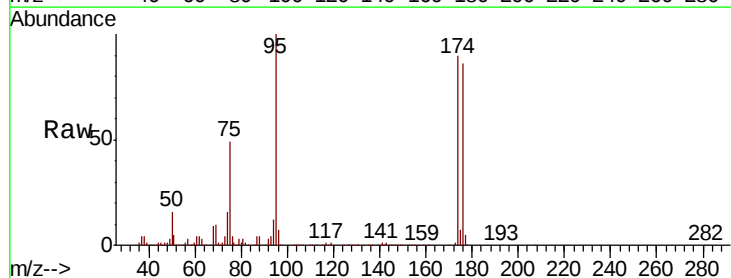
Tgt Ion: 95 Resp: 911816

Ion Ratio Lower Upper

95 100

174 88.9 0.0 172.8

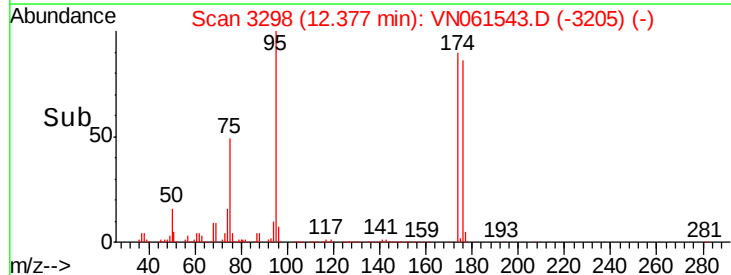
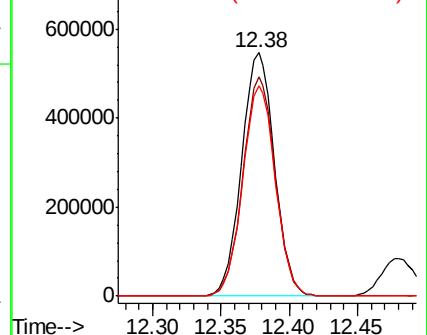
176 86.1 0.0 164.8

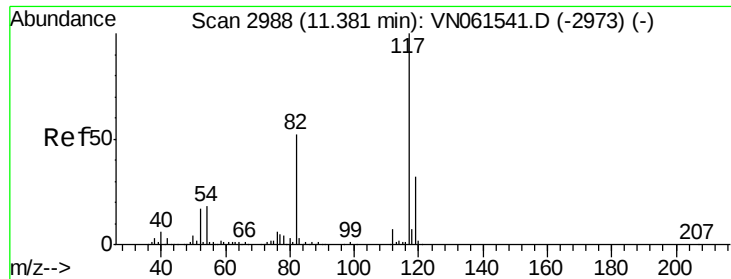


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

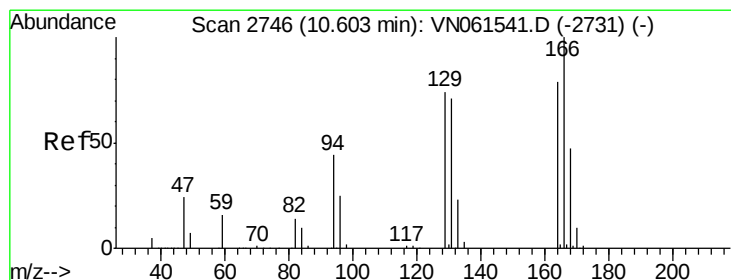
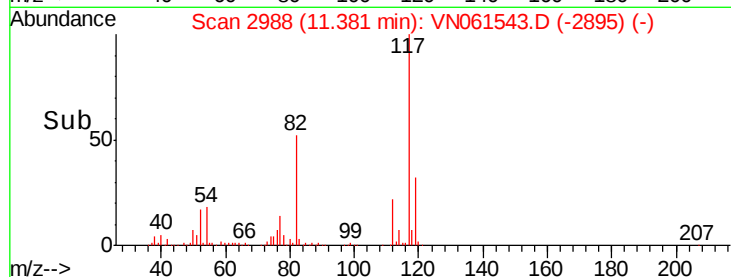
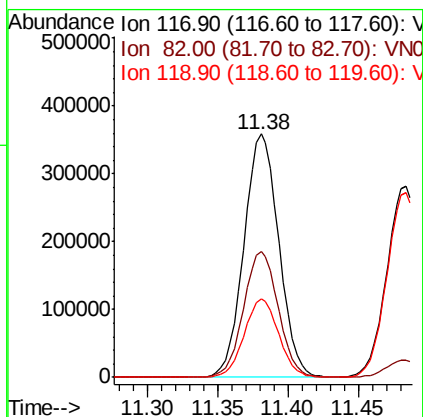
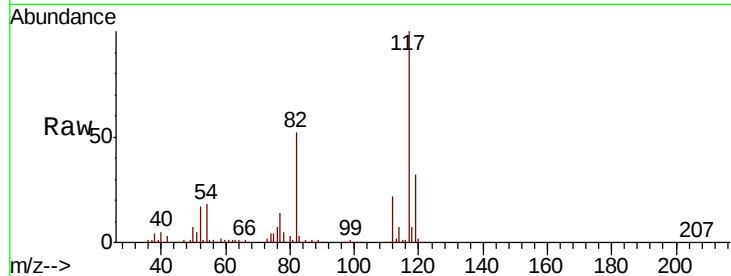




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

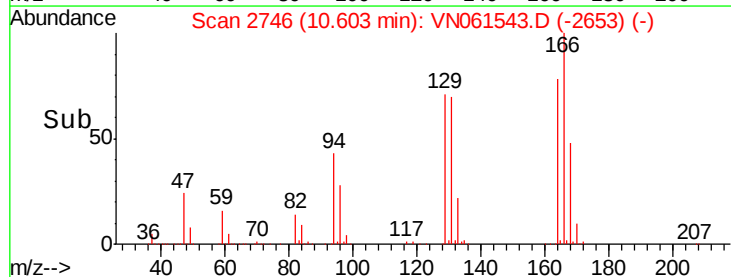
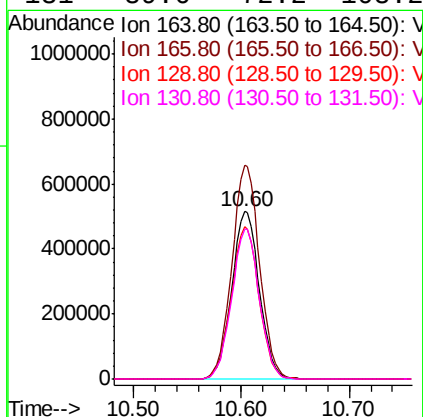
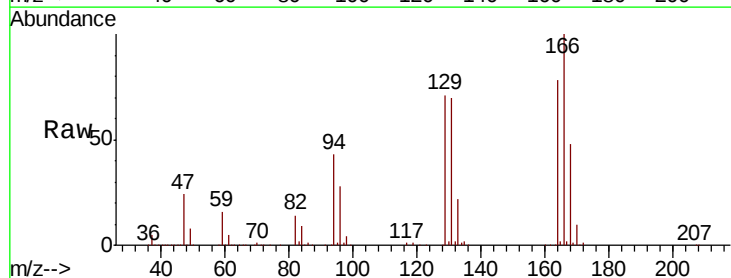
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.5	62.3
119	32.1	25.6	38.4



#64
Tetrachloroethene
Concen: 185.781 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	101.5	152.3
129	91.0	74.9	112.3
131	89.6	72.2	108.2

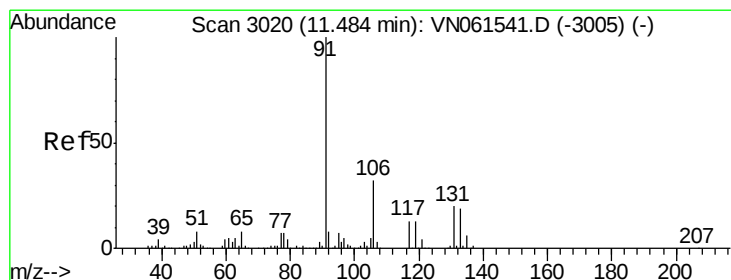
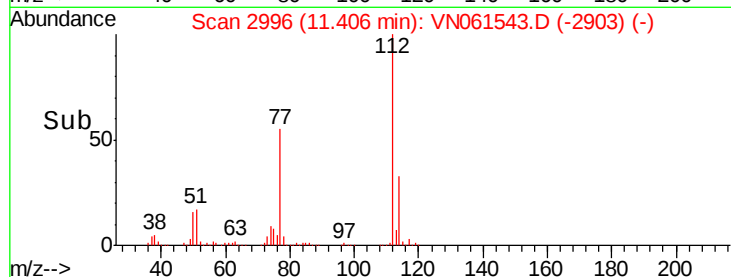
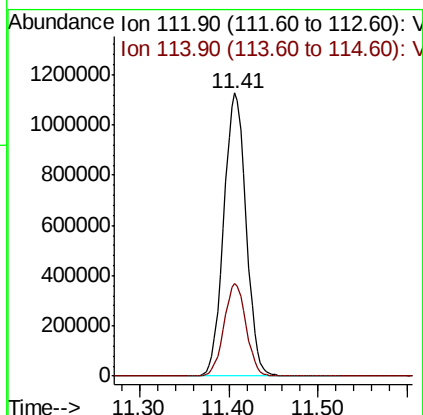
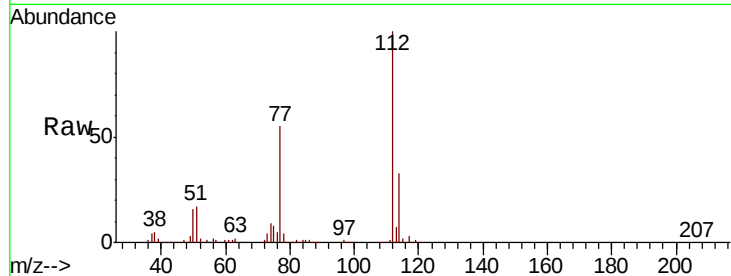




#65
Chlorobenzene
Concen: 154.378 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

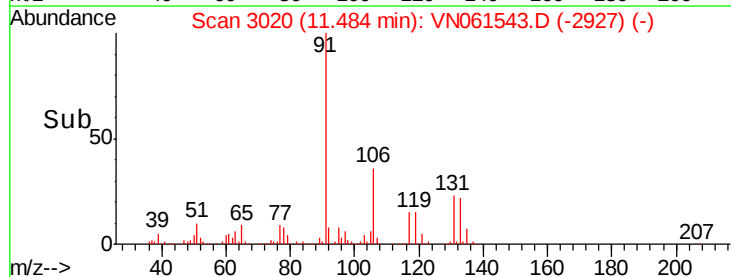
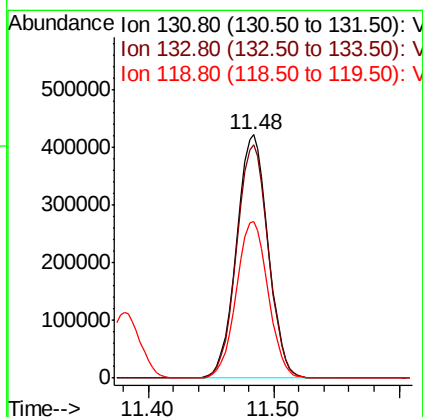
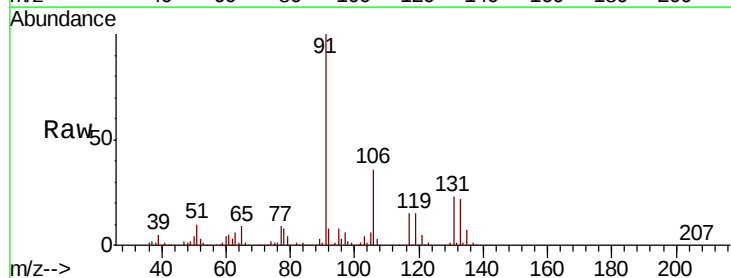
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1950762
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 162.421 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Tgt Ion:131 Resp: 740427
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.2
119 64.8 32.6 97.8

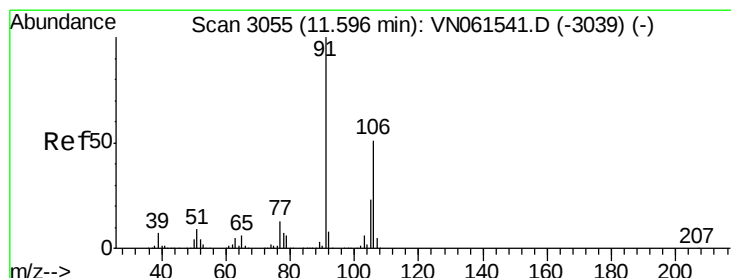
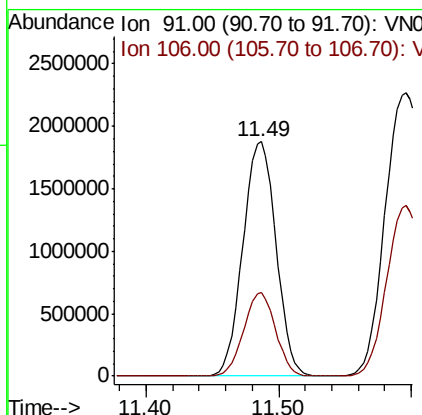
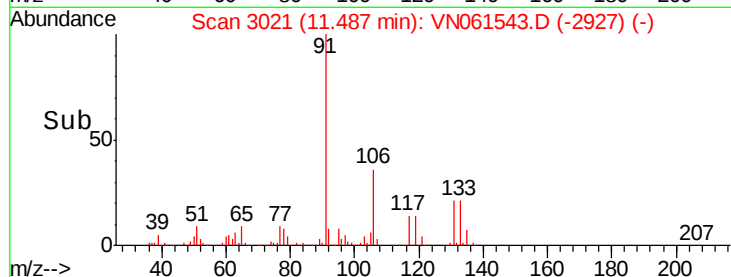
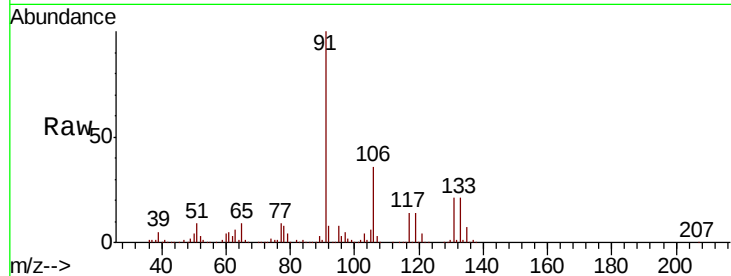




#67
Ethyl Benzene
Concen: 143.216 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

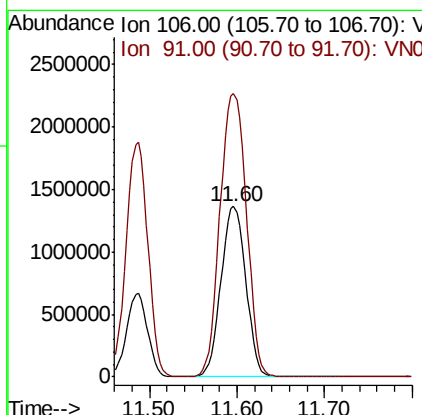
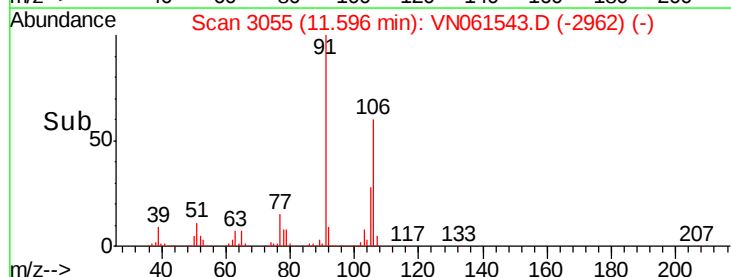
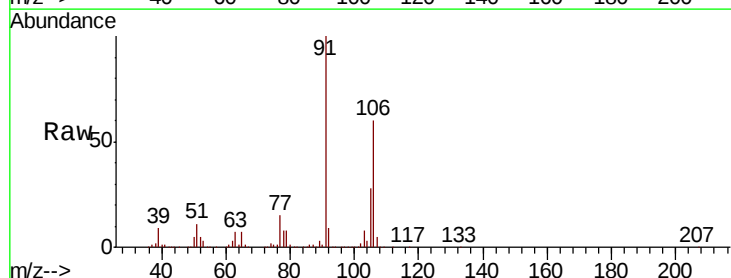
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

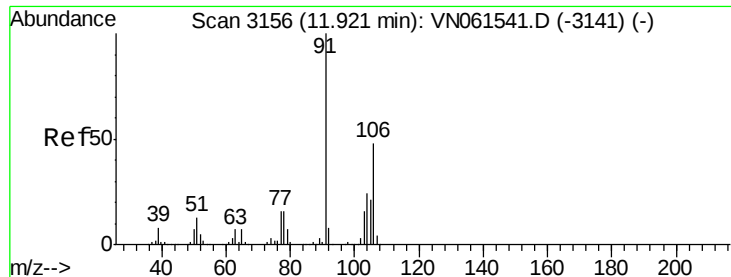
Tot Ion: 91 Resp: 3263678
Ion Ratio Lower Upper
91 100
106 35.6 25.6 38.4



#68
m/p-Xylenes
Concen: 308.934 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Tgt Ion: 106 Resp: 2690704
Ion Ratio Lower Upper
106 100
91 177.4 156.2 234.4

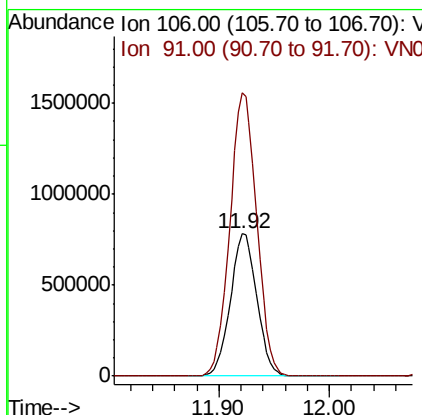
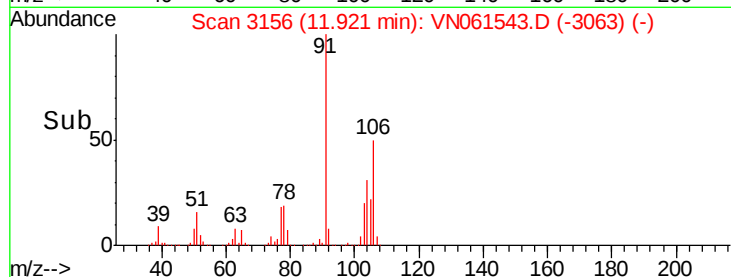
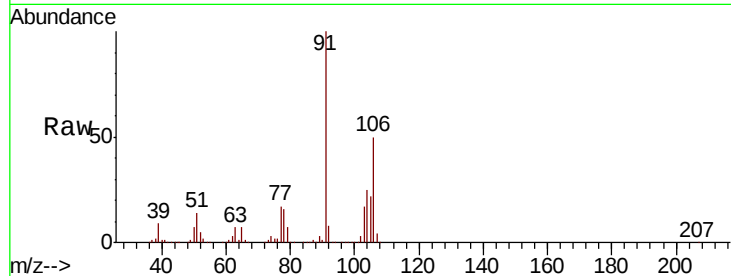




#69
o-Xylene
Concen: 154.375 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

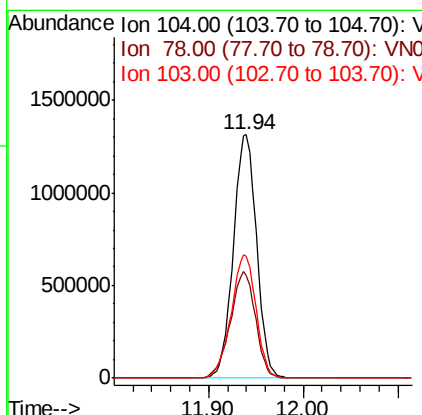
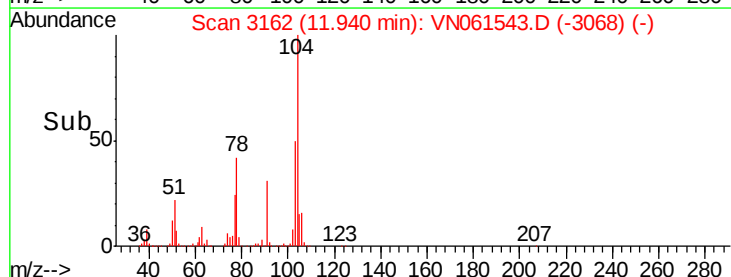
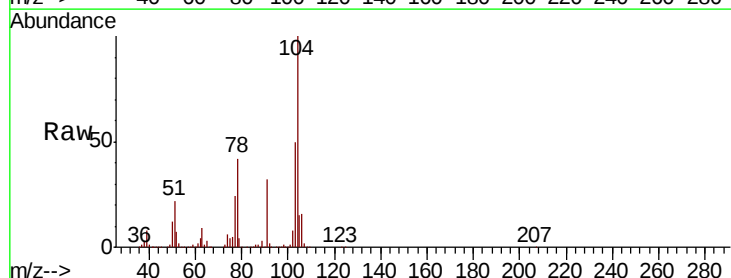
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

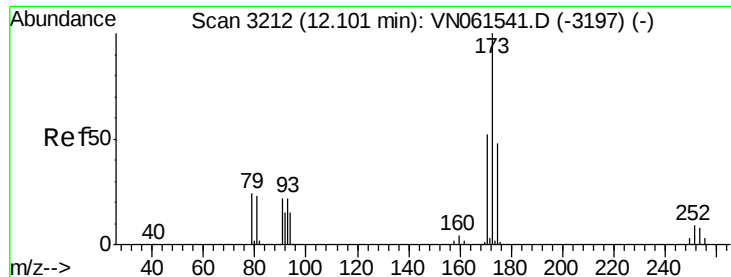
Tot Ion:106 Resp: 1301362
Ion Ratio Lower Upper
106 100
91 201.4 103.3 309.8



#70
Styrene
Concen: 161.175 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Tgt Ion:104 Resp: 2245627
Ion Ratio Lower Upper
104 100
78 47.0 37.4 56.0
103 54.0 42.3 63.5





#71

Bromoform

Concen: 194.993 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

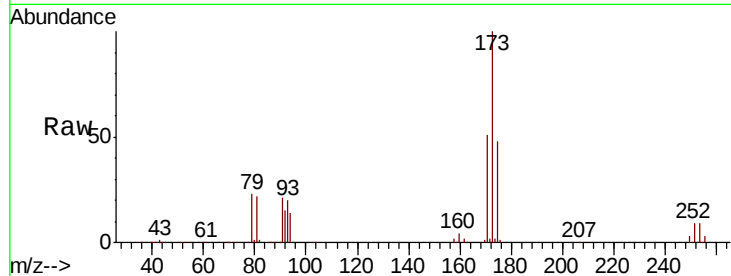
Tot Ion:173 Resp: 635726

Ion Ratio Lower Upper

173 100

175 48.3 24.4 73.2

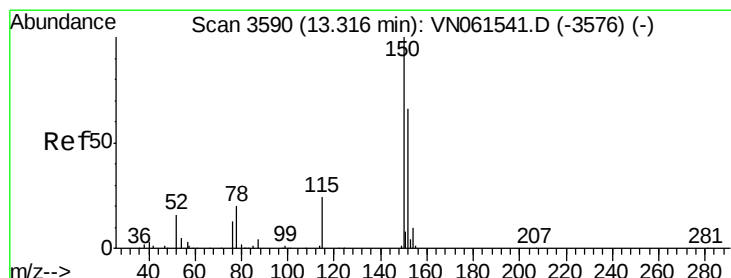
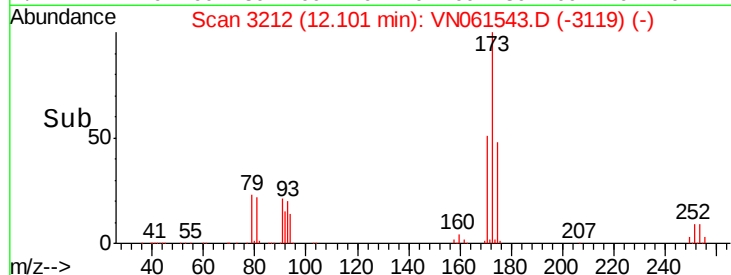
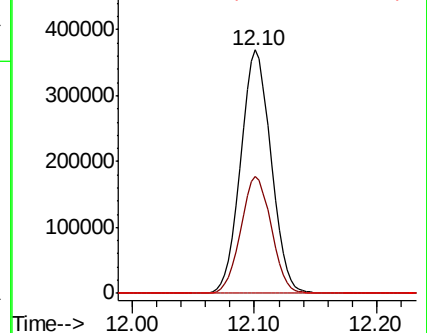
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

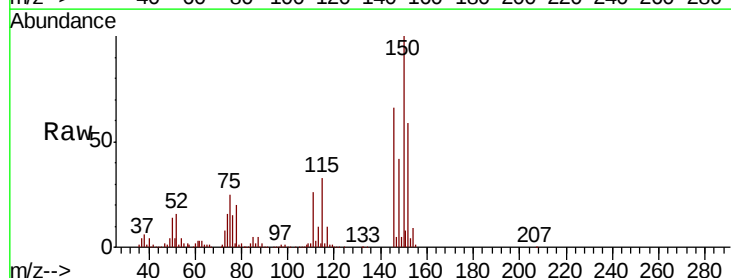
Tgt Ion:152 Resp: 325224

Ion Ratio Lower Upper

152 100

115 56.1 28.0 84.0

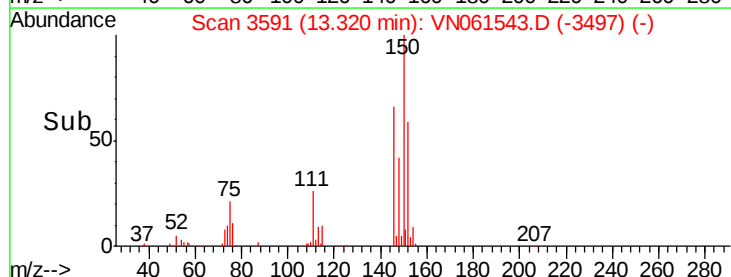
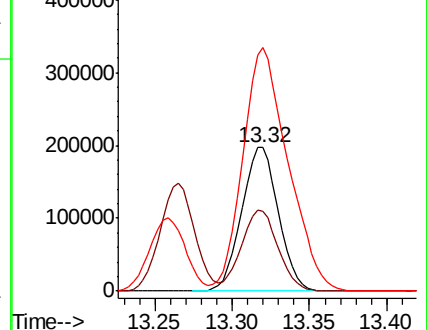
150 208.1 0.0 344.0

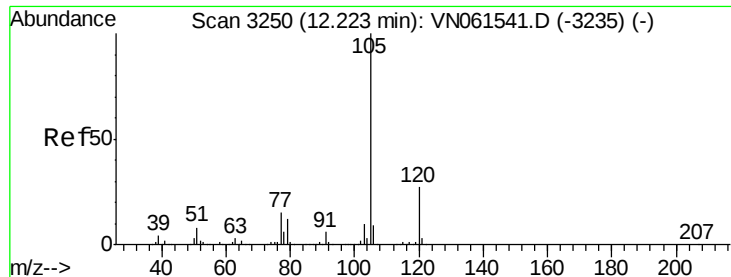


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

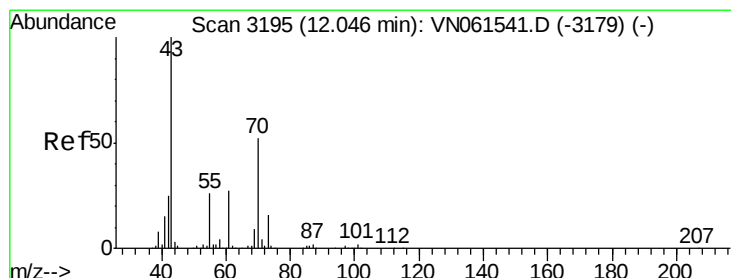
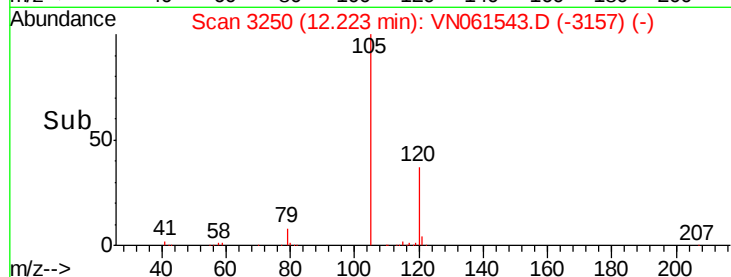
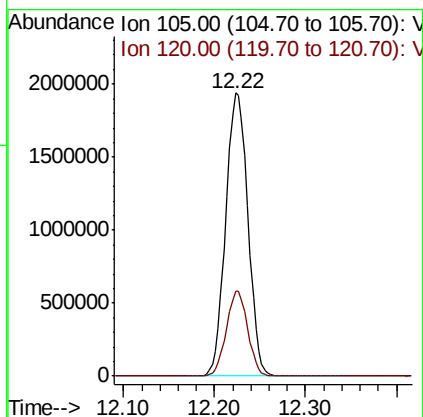
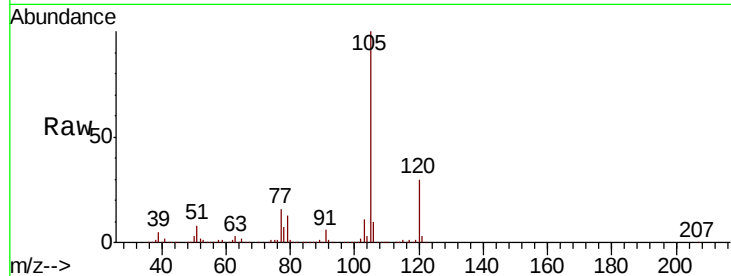




#73
Isopropylbenzene
Concen: 128.577 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

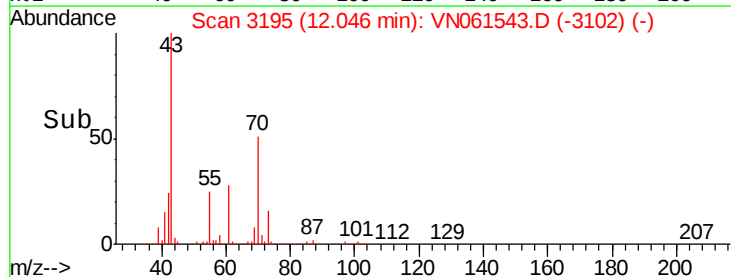
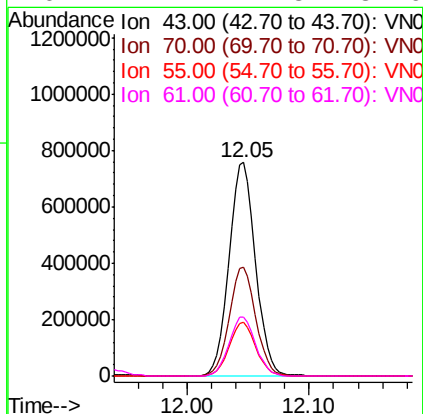
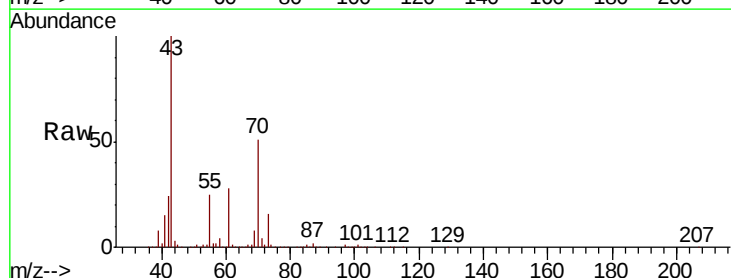
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

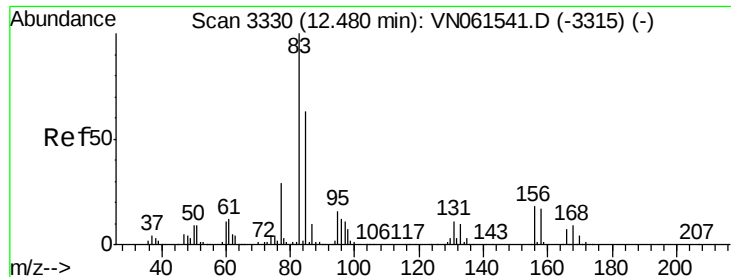
Tot Ion:105 Resp: 3286083
Ion Ratio Lower Upper
105 100
120 28.9 13.8 41.3



#74
N-ethyl acetate
Concen: 125.173 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Tgt Ion: 43 Resp: 1152071
Ion Ratio Lower Upper
43 100
70 51.1 40.5 60.7
55 25.4 20.6 31.0
61 27.7 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 128.596 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

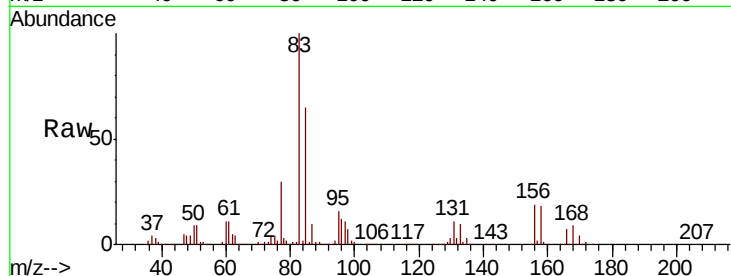
Tot Ion: 83 Resp: 904946

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.5

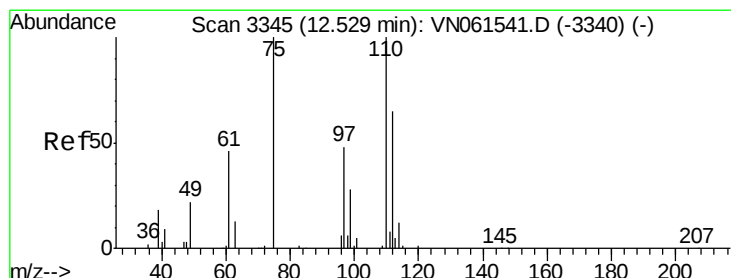
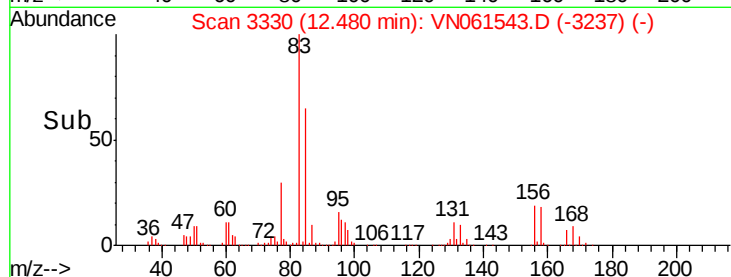
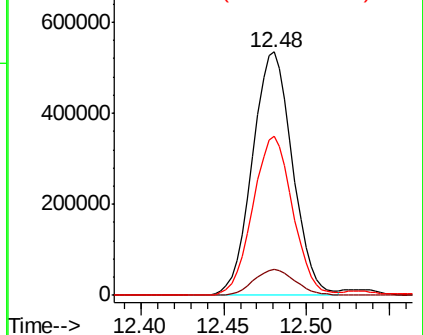
85 64.9 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061543.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061543.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061543.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 183.620 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061543.D

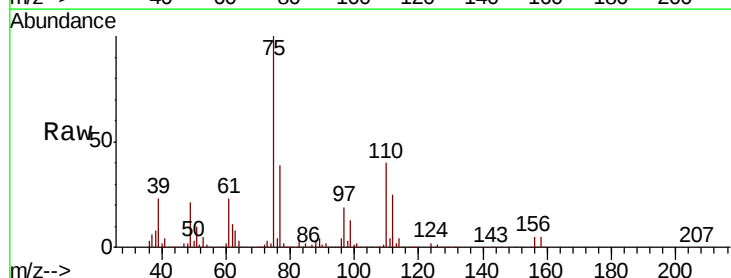
Acq: 28 May 2020 19:42

Tgt Ion: 75 Resp: 1243186

Ion Ratio Lower Upper

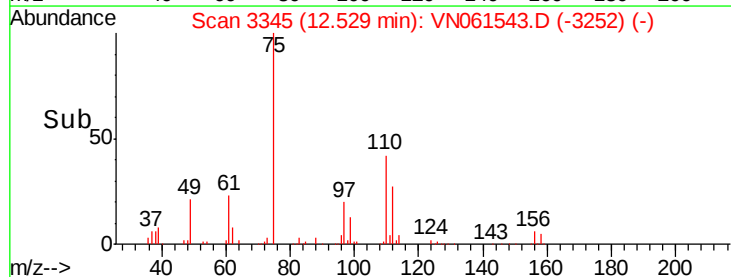
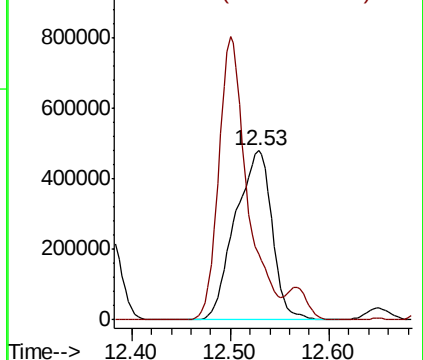
75 100

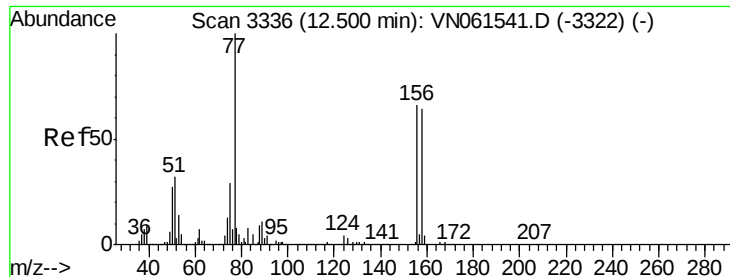
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061543.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061543.D (-3252) (-)





#77

Bromobenzene

Concen: 159.391 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

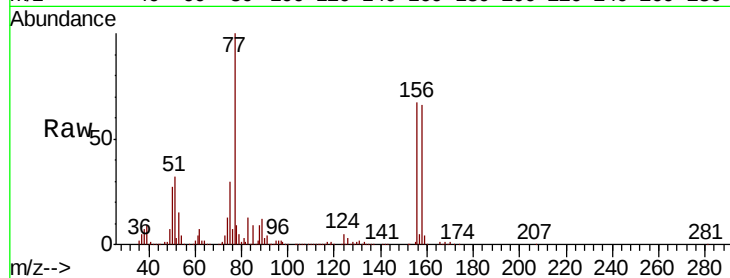
Tot Ion:156 Resp: 908096

Ion Ratio Lower Upper

156 100

77 178.6 90.9 272.7

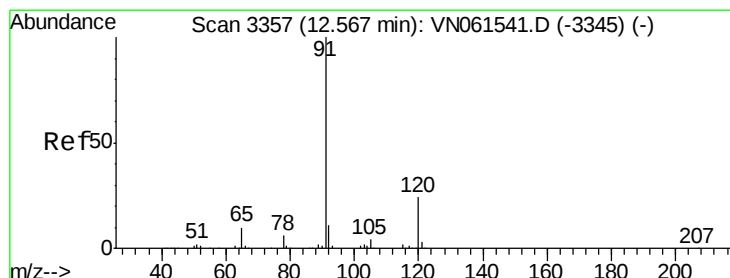
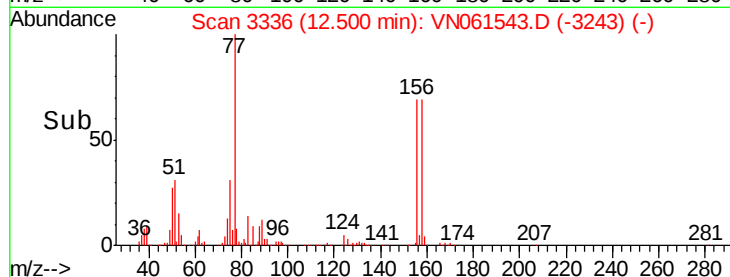
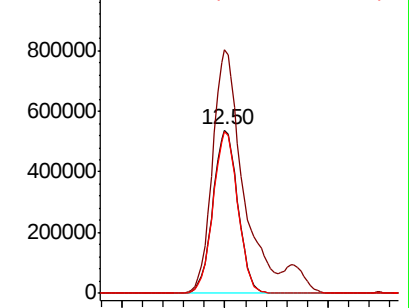
158 98.1 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 125.630 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061543.D

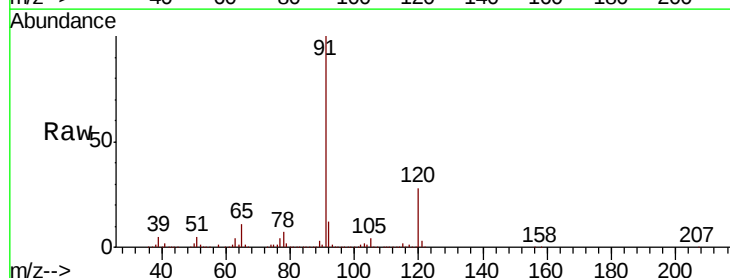
Acq: 28 May 2020 19:42

Tgt Ion: 91 Resp: 3636802

Ion Ratio Lower Upper

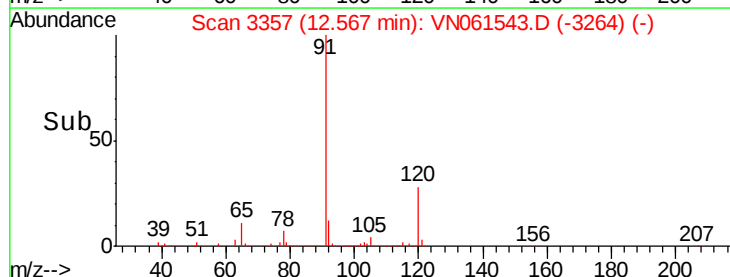
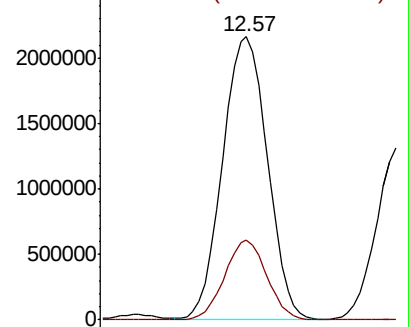
91 100

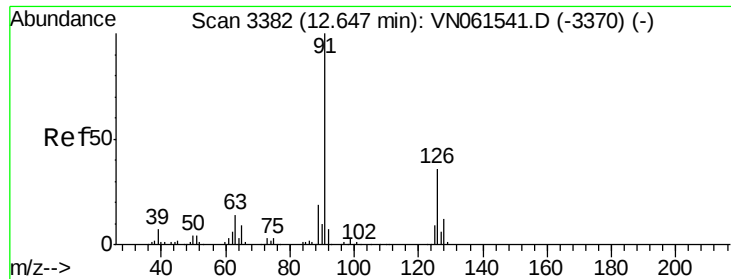
120 26.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

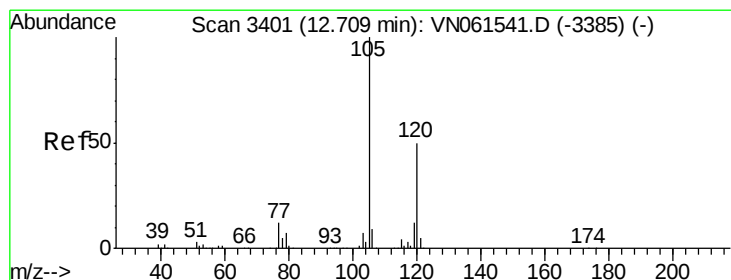
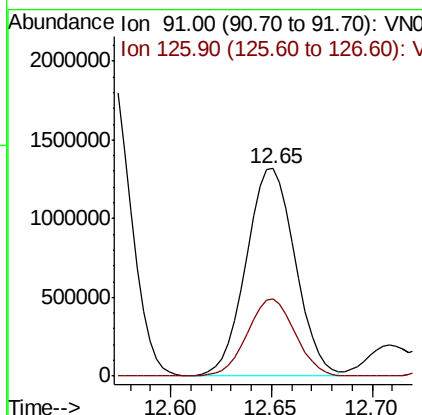
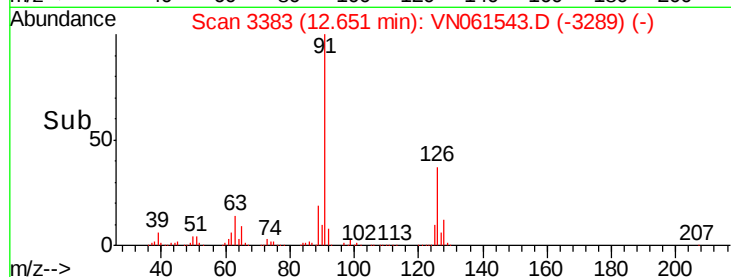
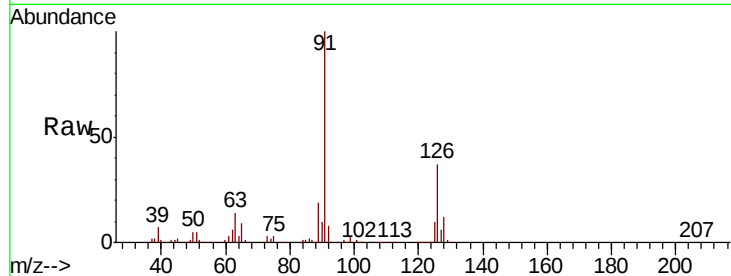




#79
 2-Chlorotoluene
 Concen: 130.941 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN061543.D
 Acq: 28 May 2020 19:42

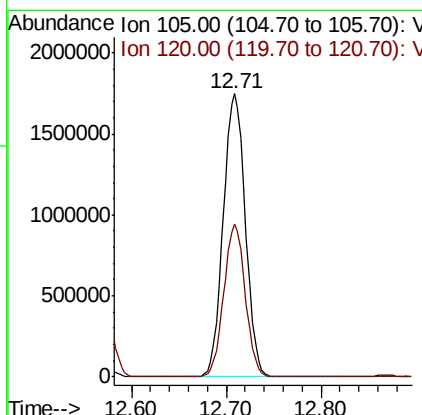
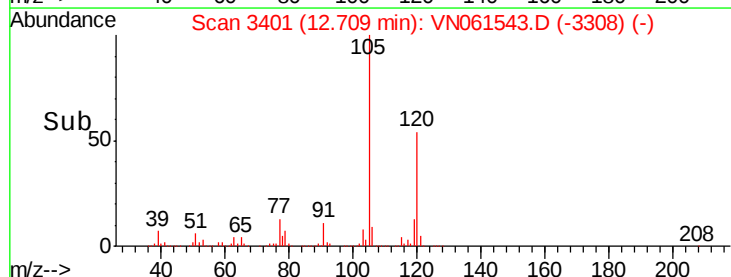
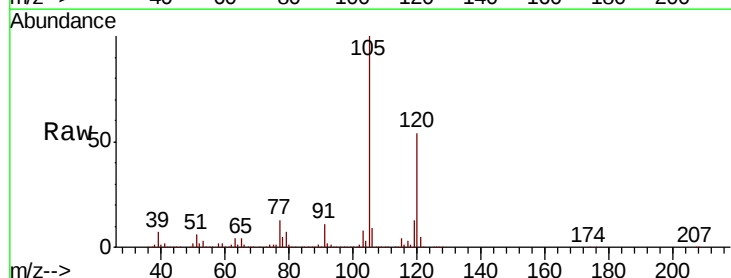
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

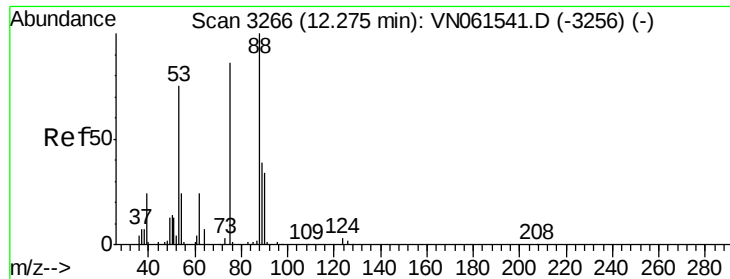
Tot Ion: 91 Resp: 2248666
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 134.895 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061543.D
 Acq: 28 May 2020 19:42

Tgt Ion: 105 Resp: 2825153
 Ion Ratio Lower Upper
 105 100
 120 52.4 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 137.496 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

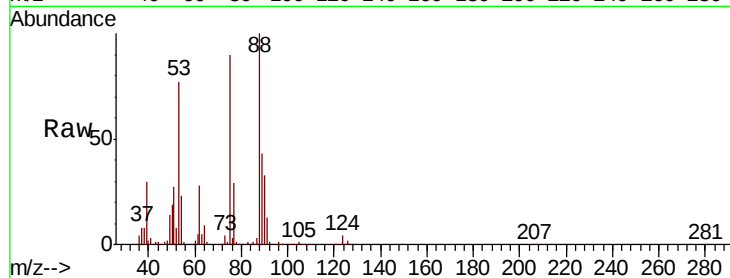
Tot Ion: 75 Resp: 353742

Ion Ratio Lower Upper

75 100

53 83.9 67.8 101.8

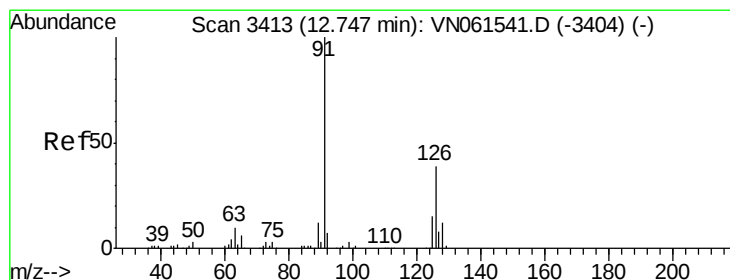
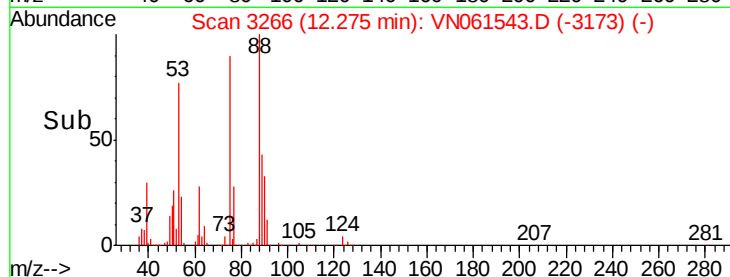
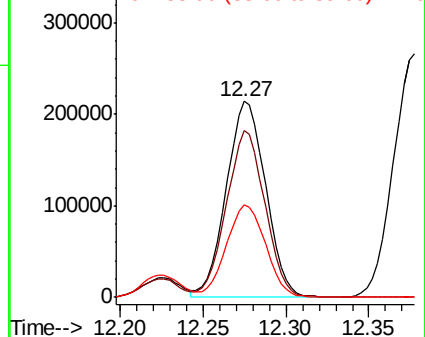
89 47.2 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 133.926 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061543.D

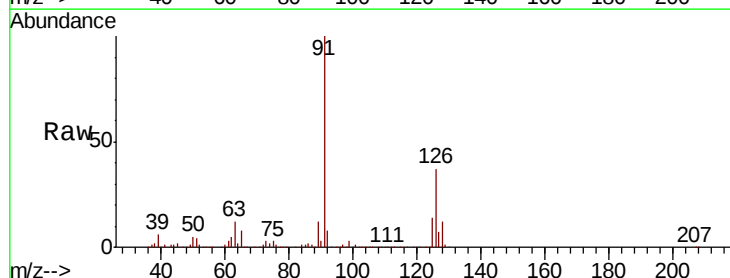
Acq: 28 May 2020 19:42

Tgt Ion: 91 Resp: 2380763

Ion Ratio Lower Upper

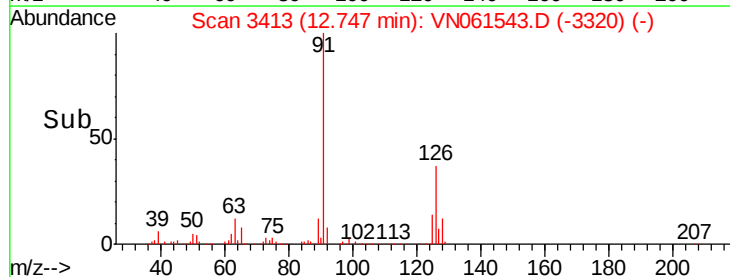
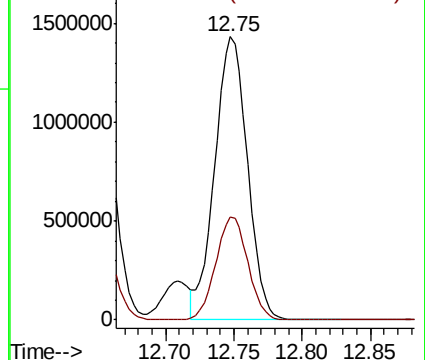
91 100

126 35.7 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

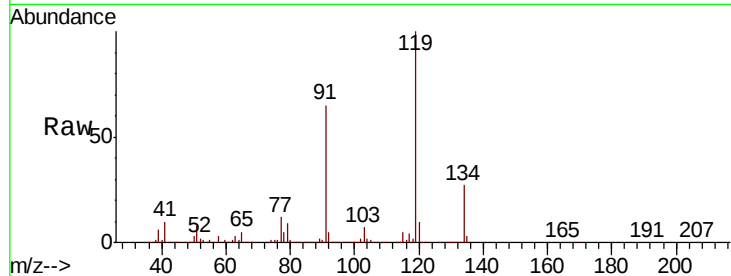




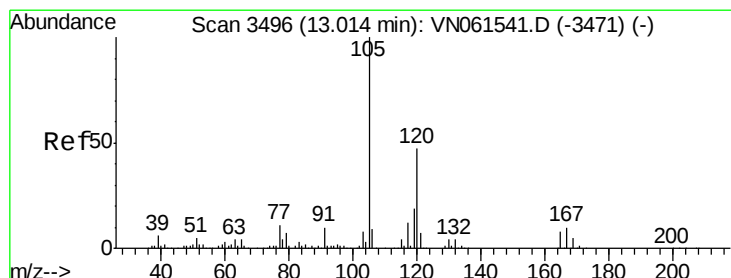
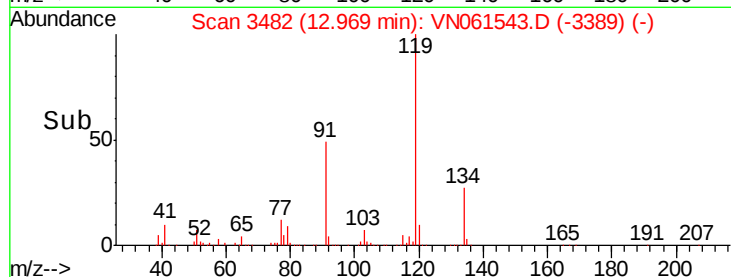
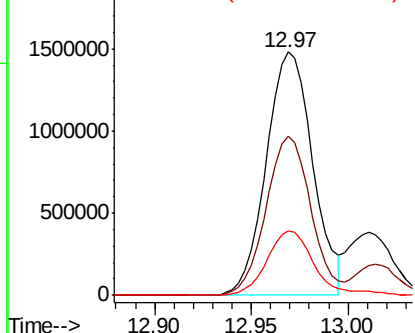
#83
tert-Butylbenzene
Concen: 137.763 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:119 Resp: 2478566
Ion Ratio Lower Upper
119 100
91 63.2 31.3 93.8
134 27.1 13.5 40.4

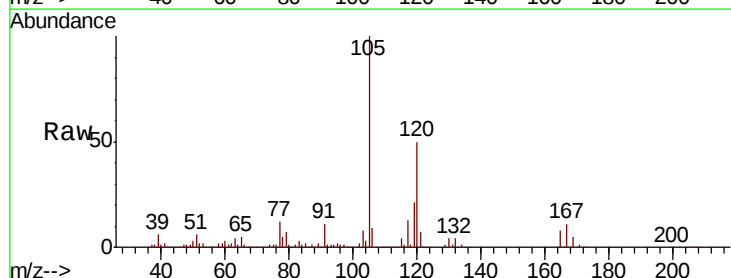


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

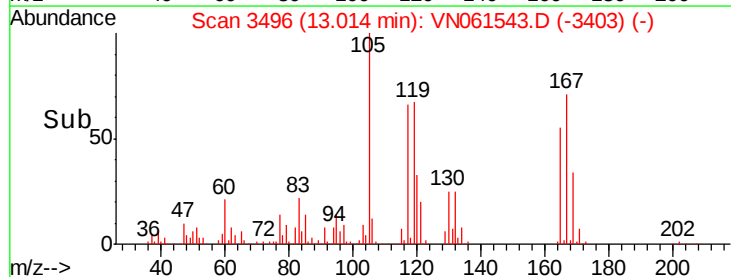
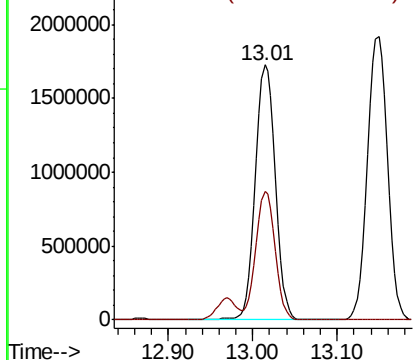


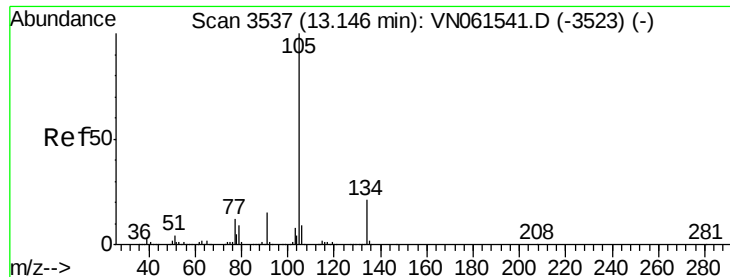
#84
1,2,4-Trimethylbenzene
Concen: 135.726 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061543.D
Acq: 28 May 2020 19:42

Tgt Ion:105 Resp: 2844279
Ion Ratio Lower Upper
105 100
120 48.9 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 131.396 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

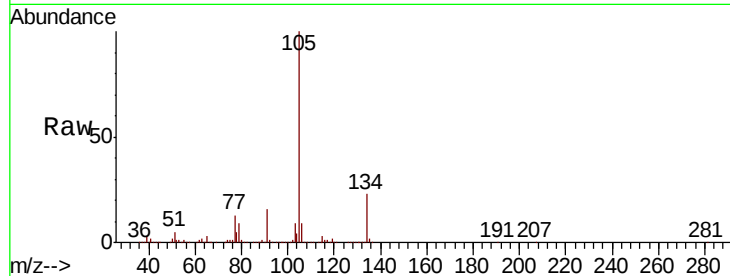
VSTDIC150

Tot Ion:105 Resp: 3175077

Ion Ratio Lower Upper

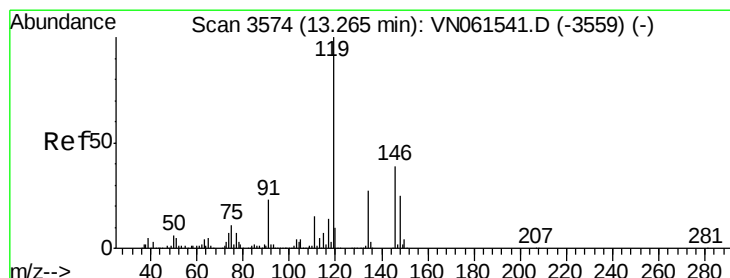
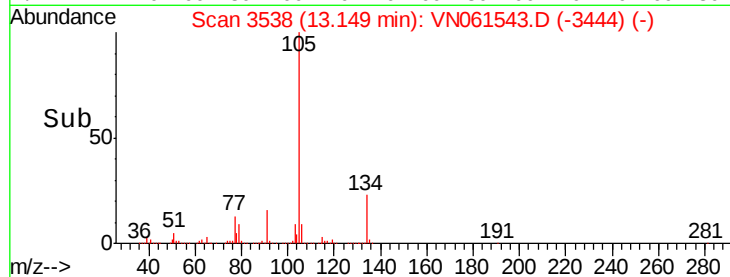
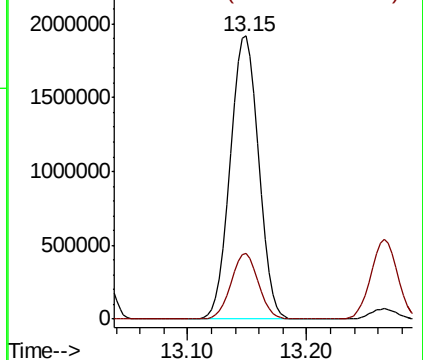
105 100

134 22.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 137.759 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

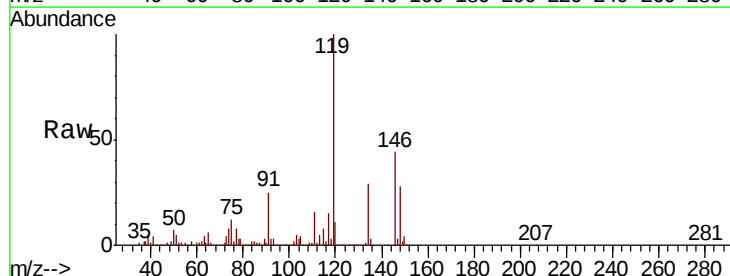
Tgt Ion:119 Resp: 2973849

Ion Ratio Lower Upper

119 100

134 28.4 13.5 40.5

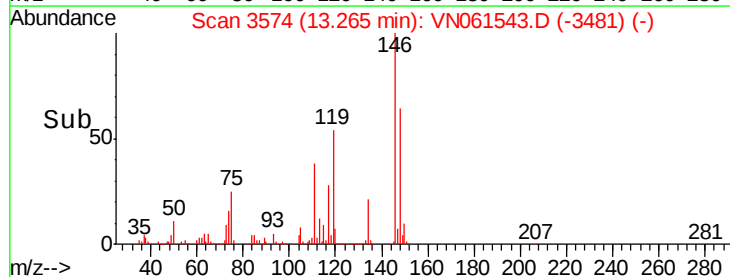
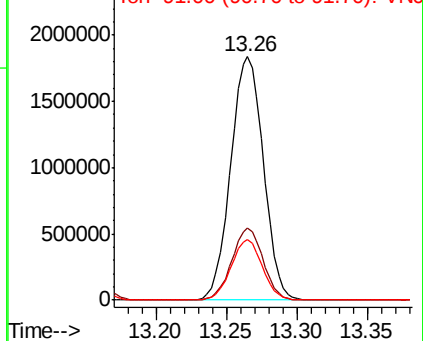
91 23.8 11.4 34.1

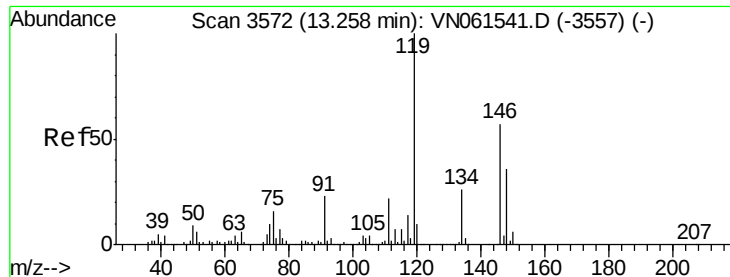


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 155.677 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

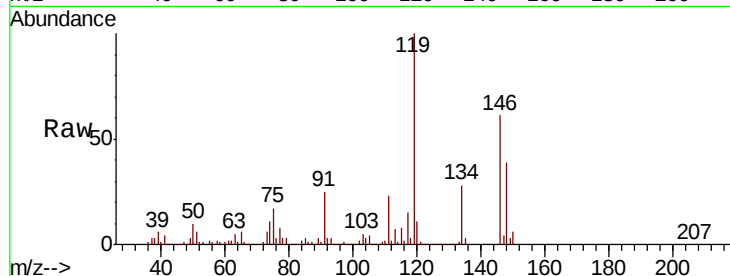
Tot Ion:146 Resp: 1610093

Ion Ratio Lower Upper

146 100

111 38.0 19.2 57.6

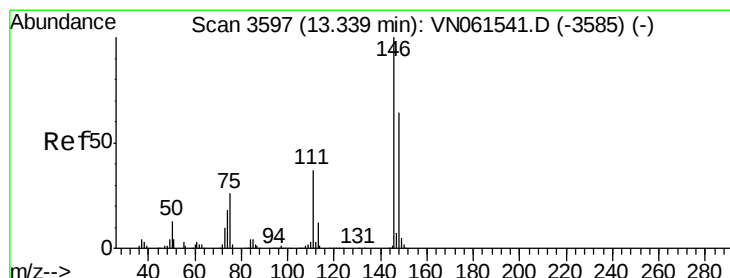
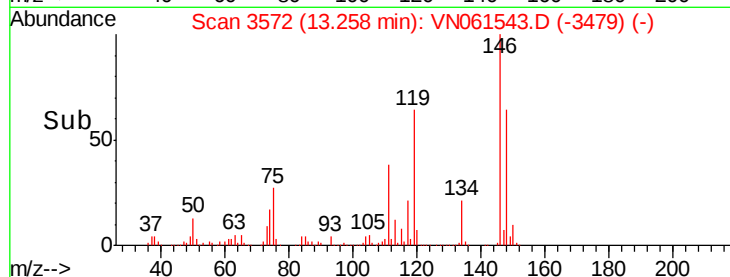
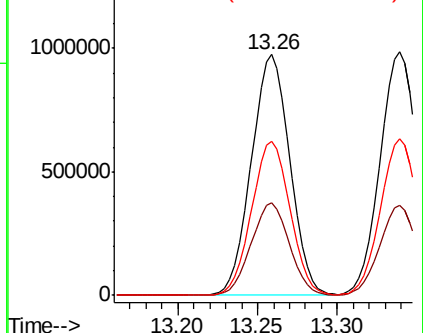
148 63.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 157.170 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

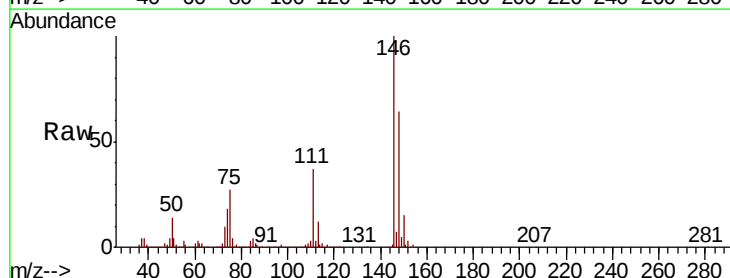
Tgt Ion:146 Resp: 1627485

Ion Ratio Lower Upper

146 100

111 36.7 18.9 56.9

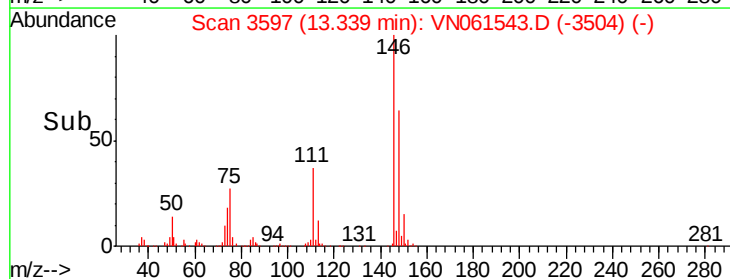
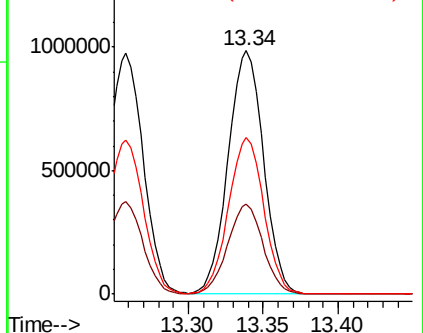
148 64.1 31.8 95.3

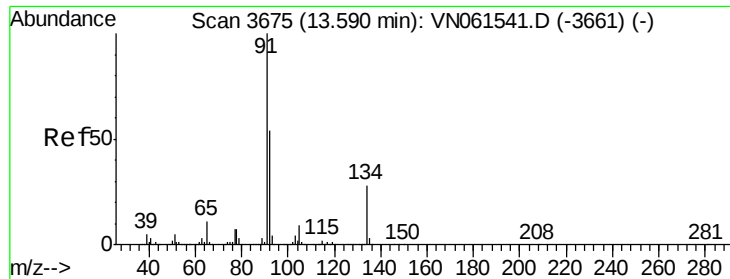


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 133.089 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

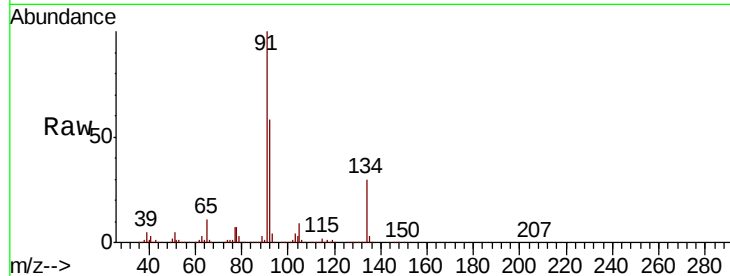
Tot Ion: 91 Resp: 2576099

Ion Ratio Lower Upper

91 100

92 56.0 27.2 81.6

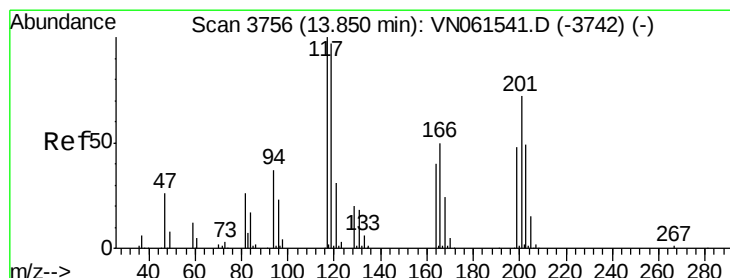
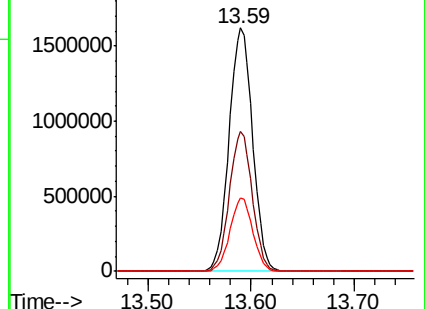
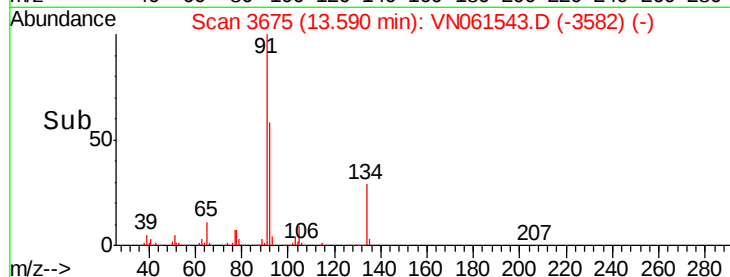
134 29.3 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061543.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061543.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061543.D (-3661) (-)



#90

Hexachloroethane

Concen: 132.241 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061543.D

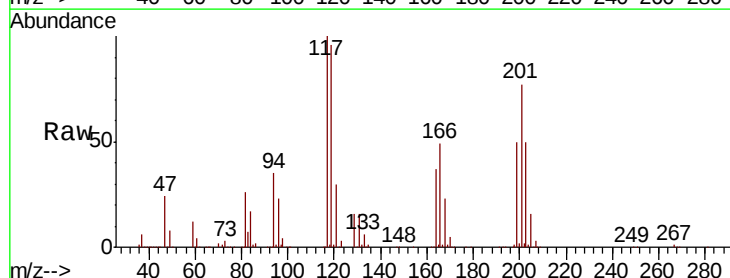
Acq: 28 May 2020 19:42

Tgt Ion: 117 Resp: 372235

Ion Ratio Lower Upper

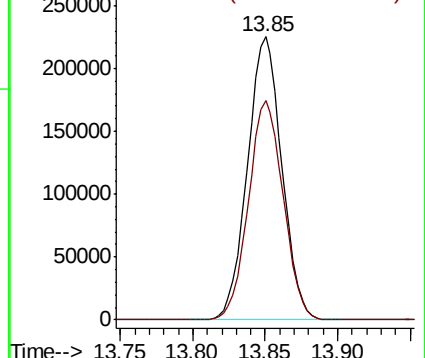
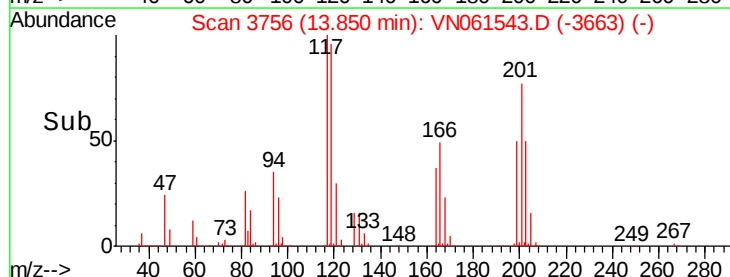
117 100

201 78.3 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061543.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN061543.D (-3663) (-)





#91

1,2-Dichlorobenzene

Concen: 153.105 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

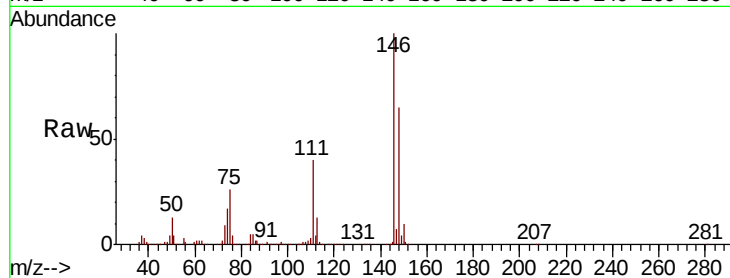
Tot Ion:146 Resp: 1519162

Ion Ratio Lower Upper

146 100

111 39.6 20.1 60.2

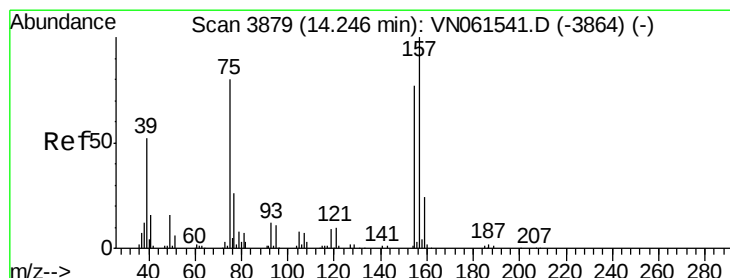
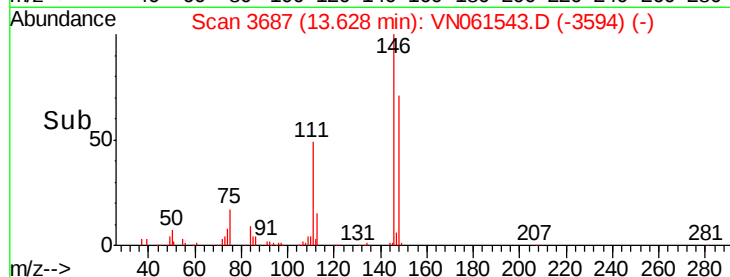
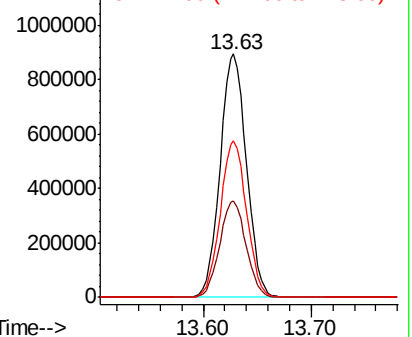
148 64.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 135.531 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

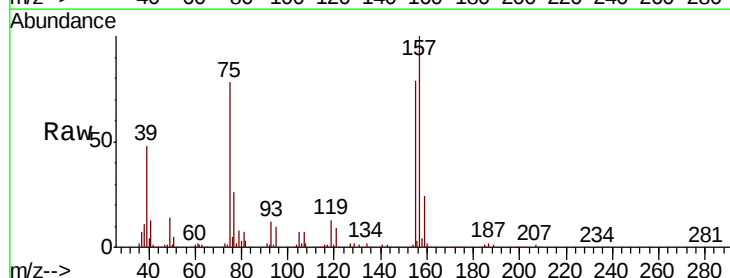
Tgt Ion: 75 Resp: 192691

Ion Ratio Lower Upper

75 100

155 99.0 47.1 141.4

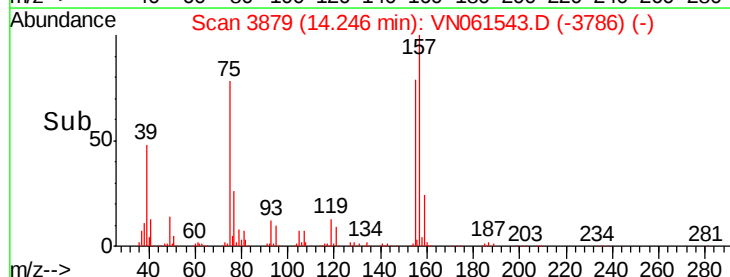
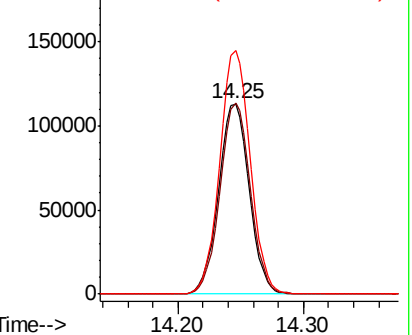
157 126.6 60.3 180.8



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

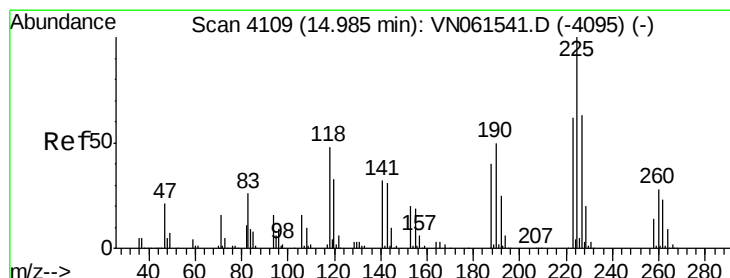
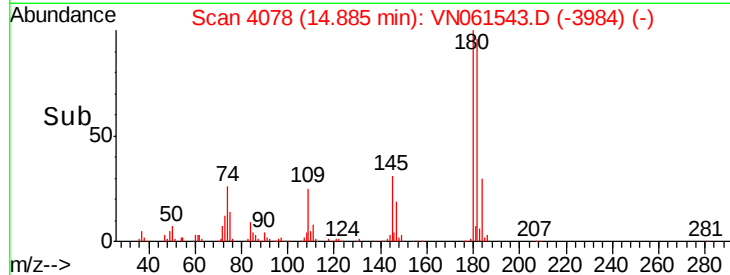
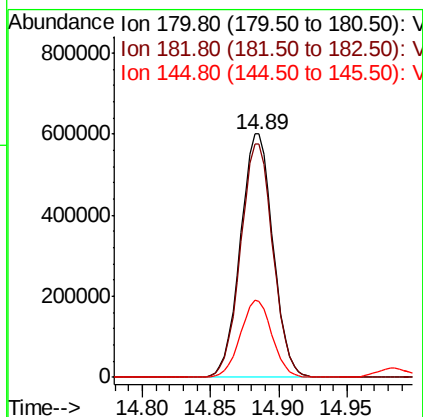
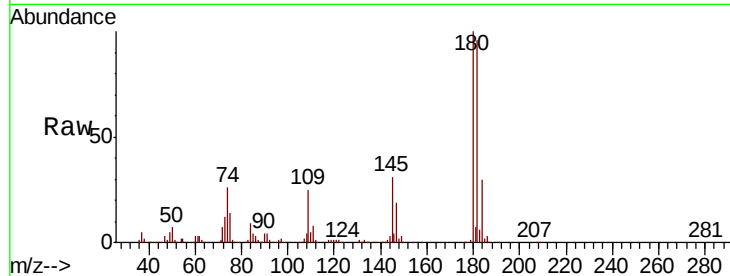




#93
 1,2,4-Trichlorobenzene
 Concen: 182.865 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061543.D
 Acq: 28 May 2020 19:42

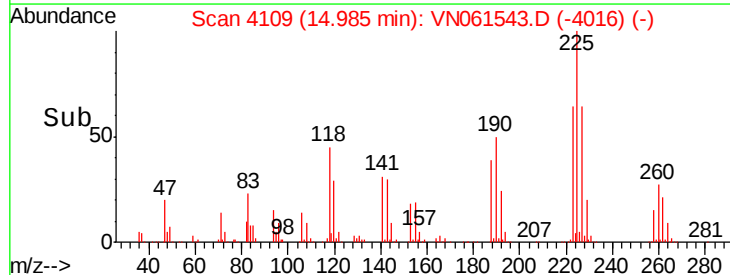
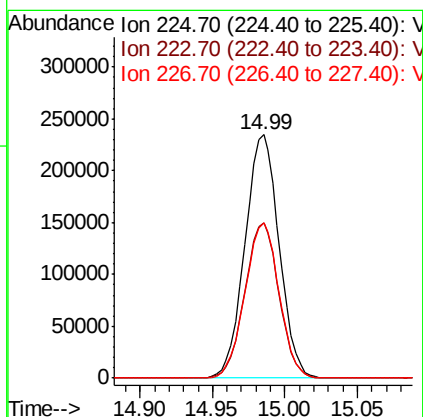
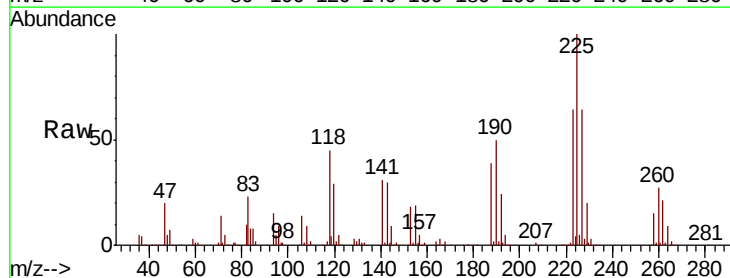
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	30.9	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 160.862 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061543.D
 Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.9	95.5
227	63.6	31.9	95.9





#95

Naphthalene

Concen: 171.798 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Instrument :

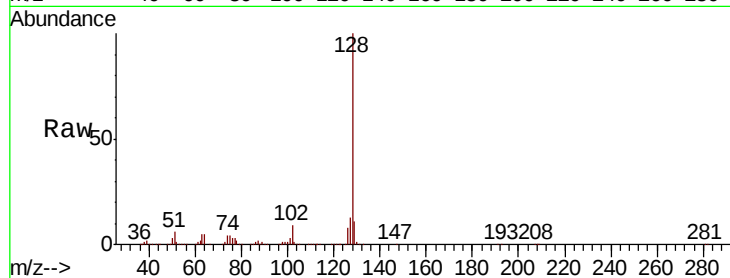
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 2956511

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	11.0	8.5	12.7

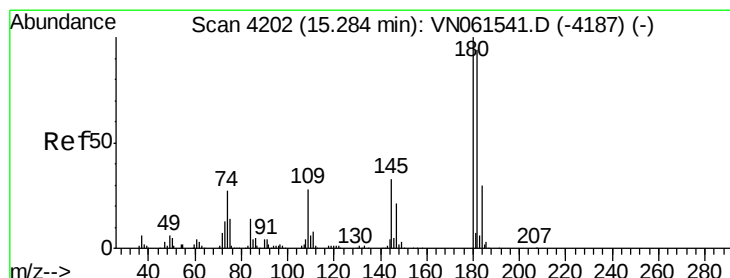
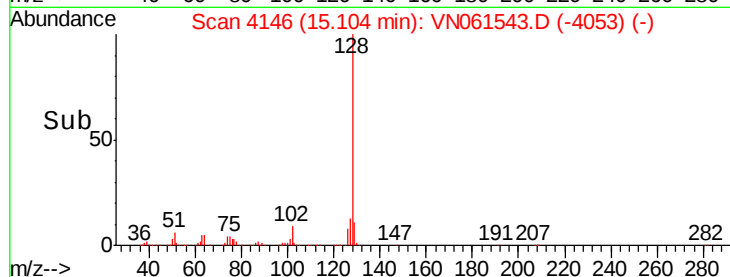
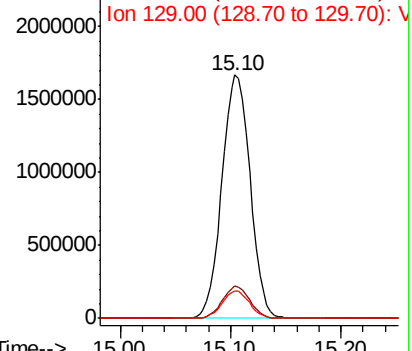


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 177.219 ug/l

RT: 15.28 min Scan# 4202

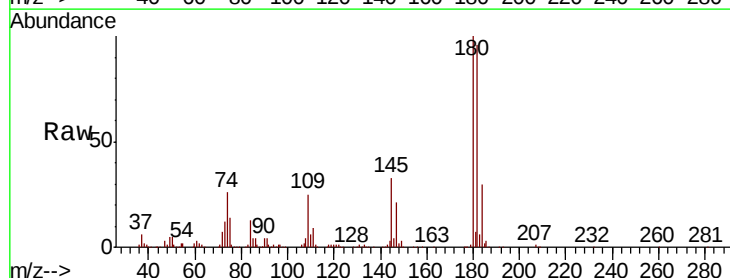
Delta R.T. 0.00 min

Lab File: VN061543.D

Acq: 28 May 2020 19:42

Tgt Ion:180 Resp: 961243

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.1	141.3
145	32.7	16.3	48.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

