

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040121\
 Data File : VL036627.D
 Acq On : 1 Apr 2021 8:52
 Operator : SY/AP
 Sample : VL0401ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 01 09:23:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1532290	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3664755	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.10	117	4155568	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2770117	8.36	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.60%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	2028681	8.117 ppbv	98
3) Chlorodifluoromethane	2.99	51	2520910	8.806 ppbv	99
4) Chloromethane	3.15	50	820434	8.113 ppbv	99
5) Vinyl Chloride	3.27	62	795921	7.655 ppbv	96
6) Bromomethane	3.48	94	420545	7.346 ppbv	99
7) Chloroethane	3.56	64	273656	7.659 ppbv	95
8) Dichlorotetrafluoroethane	3.20	85	1921575	8.056 ppbv	99
9) Propene	3.01	41	769685	8.433 ppbv	98
10) Heptane	8.14	43	2039796	8.773 ppbv	99
11) Trichlorofluoromethane	3.96	101	1896243	7.445 ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1222188	7.505 ppbv	100
13) Ethanol	3.61	45	64148	5.902 ppbv	95
14) Bromoethene	3.74	108	524451	7.747 ppbv	99
15) Acetone	3.86	43	1130393	7.495 ppbv	97
16) 1,3-Butadiene	3.33	39	835086	7.953 ppbv	98
17) tert-Butyl alcohol	4.30	59	918036	6.993 ppbv	99
18) 1,1-Dichloroethene	4.30	96	534700	7.382 ppbv	99
19) Isopropyl Alcohol	3.97	45	167810	2.023 ppbv #	59
20) Methylene Chloride	4.36	84	471393	6.676 ppbv	97
21) Allyl Chloride	4.42	41	893490	7.432 ppbv	98
22) trans-1,2-Dichloroethene	4.90	96	512806	7.636 ppbv	93
23) Vinyl Acetate	5.08	43	2069170	8.021 ppbv	100
24) 1,1-Dichloroethane	5.02	63	1508660	8.023 ppbv	98
25) Ethyl Acetate	5.69	43	2947540	8.221 ppbv	100
26) Hexane	5.70	57	1418518	8.525 ppbv	97
27) Carbon Disulfide	4.56	76	1325753	8.088 ppbv	99
28) Methyl tert-Butyl Ether	5.05	73	1454155	7.411 ppbv	98
29) Chloroform	5.76	83	2291783	8.613 ppbv	98
30) Cyclohexane	7.14	84	1188265	8.806 ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1376568	8.554 ppbv	93
32) 1,1,1-Trichloroethane	6.52	97	2255398	8.410 ppbv	99
34) 2-Butanone	5.26	43	1387772	7.758 ppbv	99
35) Carbon Tetrachloride	7.03	117	2391509	8.496 ppbv	99
36) Benzene	6.91	78	2900722	8.582 ppbv	99
37) 1,2-Dichloroethane	6.32	62	1711504	8.604 ppbv	100
38) Trichloroethene	7.85	130	1030277	7.833 ppbv	96
39) 1,2-Dichloropropane	7.63	63	1162242	8.477 ppbv	97
40) 1,4-Dioxane	7.85	88	203126	6.366 ppbv #	1
41) Tetrahydrofuran	6.07	42	577066	6.996 ppbv	95
42) Bromodichloromethane	7.81	83	2429228	8.978 ppbv	99
43) Methyl Methacrylate	8.03	69	1118975	9.859 ppbv	97

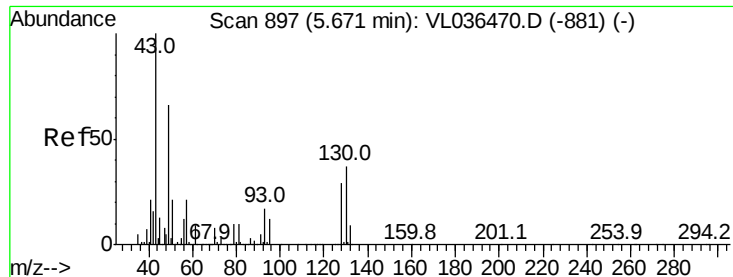
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040121\
 Data File : VL036627.D
 Acq On : 1 Apr 2021 8:52
 Operator : SY/AP
 Sample : VL0401ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 01 09:23:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5020645	8.440	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	983722	7.591	ppbv	98
46) cis-1,3-Dichloropropene	8.72	75	1292297	7.801	ppbv	97
47) 1,1,2-Trichloroethane	9.49	97	1191084	8.577	ppbv	98
48) Dibromochloromethane	10.32	129	1958950	9.254	ppbv	99
49) Bromoform	13.06	173	1580485	9.266	ppbv	98
50) 4-Methyl-2-Pentanone	8.76	43	2127352	8.219	ppbv	100
51) 2-Hexanone	10.16	43	1173726	8.986	ppbv #	100
52) Tetrachloroethene	11.24	164	970522	7.798	ppbv	97
53) Toluene	9.82	91	3255096	9.044	ppbv	100
54) 1,2-Dibromoethane	10.63	107	1660891	8.469	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.14	131	1386781	7.378	ppbv	98
57) Chlorobenzene	12.17	112	2408105	6.811	ppbv	100
58) Ethyl Benzene	12.73	91	4438894	7.342	ppbv	97
59) m/p-Xylene	13.01	91	4077757	7.733	ppbv #	43
60) o-Xylene	13.71	91	3572554	7.007	ppbv	100
61) Styrene	13.55	104	1926569	7.511	ppbv	99
62) Isopropylbenzene	14.69	105	4857866	7.075	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	2590180	6.659	ppbv	100
64) n-propylbenzene	15.58	120	1284854	7.654	ppbv	96
65) tert-Butylbenzene	16.76	119	4222362	7.092	ppbv	98
66) Benzyl Chloride	17.01	91	501882	7.626	ppbv	99
67) sec-Butylbenzene	17.31	105	5988297	7.125	ppbv	100
69) p-Isopropyltoluene	17.67	119	4926775	7.507	ppbv	100
70) n-Butylbenzene	18.57	91	5160785	7.584	ppbv	99
71) 2-Chlorotoluene	15.47	91	3833028	7.450	ppbv	99
72) 4-Ethyltoluene	15.86	105	4137244	7.405	ppbv	98
73) 1,3,5-Trimethylbenzene	16.01	105	3746183	7.184	ppbv	100
74) 1,2,4-Trimethylbenzene	16.79	105	3849764	6.899	ppbv #	89
75) 1,3-Dichlorobenzene	17.01	146	2240684	7.134	ppbv	100
76) 1,4-Dichlorobenzene	17.16	146	2154797	6.909	ppbv	99
77) 1,2-Dichlorobenzene	17.83	146	2143662	7.260	ppbv	99
78) Hexachloro-1,3-Butadiene	23.40	225	1680284	6.355	ppbv	99
79) Naphthalene	22.22	128	2407328	7.393	ppbv	98
80) Naphthalene, 2-methyl-	25.00	142	188564	2.937	ppbv	88
81) 1,2,4-Trichlorobenzene	21.95	180	1513572	7.528	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :
MSVOA_L
ClientSampleId :

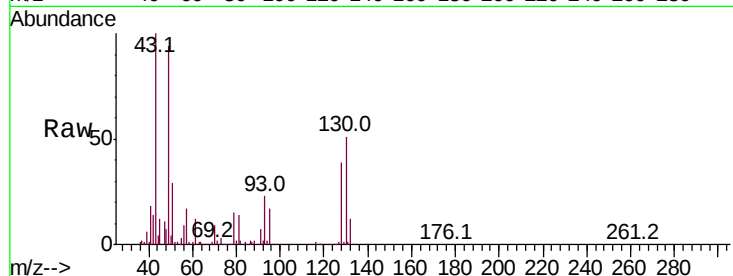
Tot Ion: 49 Resp: 1532290

Ion Ratio Lower Upper

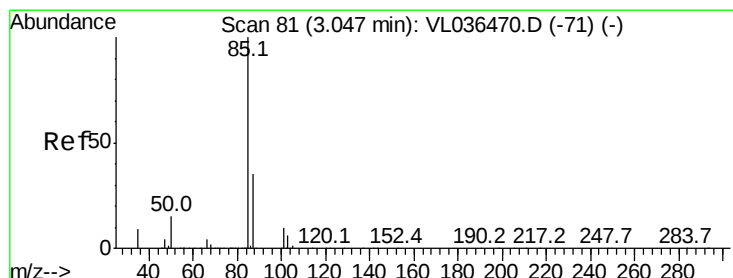
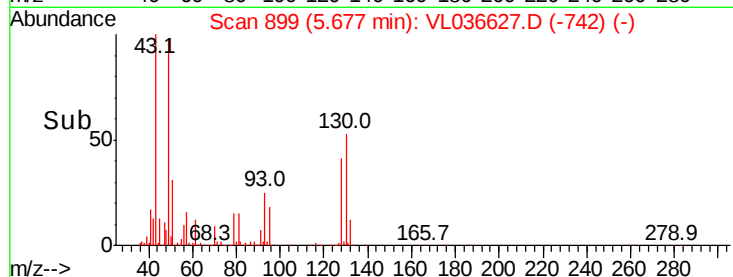
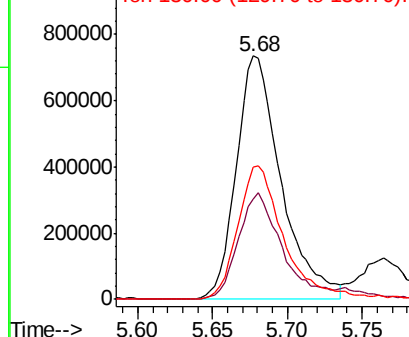
49 100

128 46.3 23.5 70.6

130 57.7 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 8.117 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.01 min

Lab File: VL036627.D

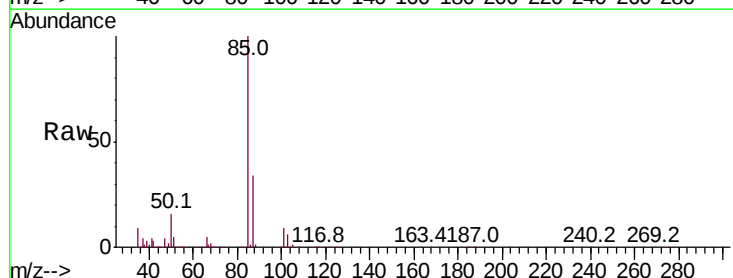
Acq: 1 Apr 2021 8:52

Tgt Ion: 85 Resp: 2028681

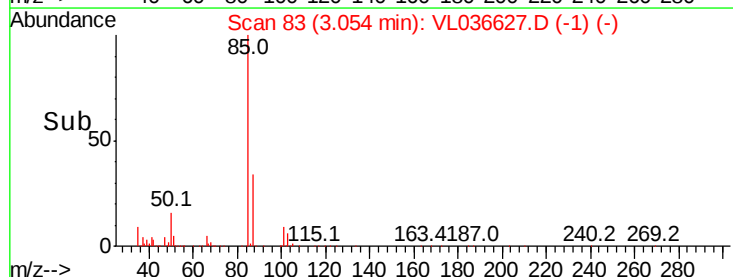
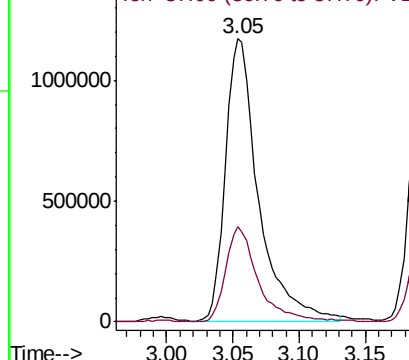
Ion Ratio Lower Upper

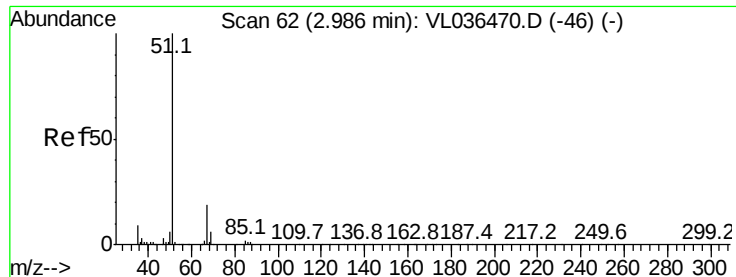
85 100

87 33.6 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0
Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.806 ppbv

RT: 2.99 min Scan# 64

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

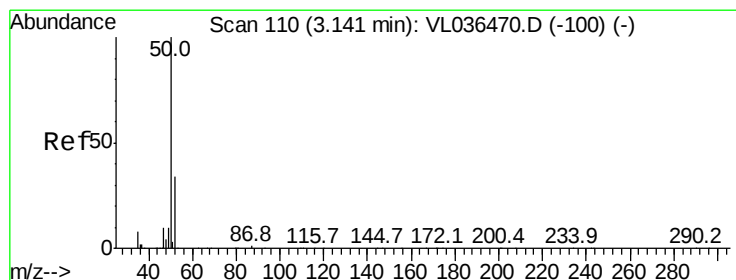
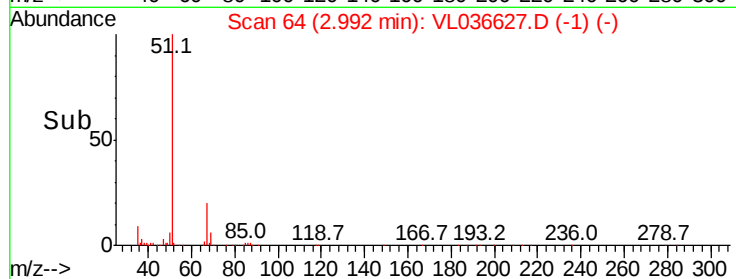
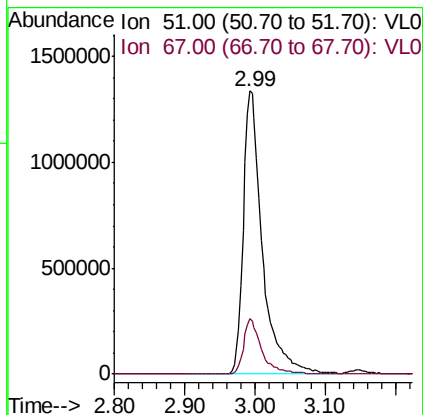
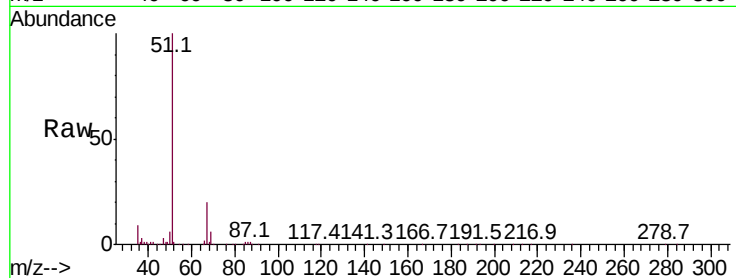
ClientSampleId :

Tot Ion: 51 Resp: 2520910

Ion Ratio Lower Upper

51 100

67 18.7 14.7 22.1



#4

Chloromethane

Concen: 8.113 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.01 min

Lab File: VL036627.D

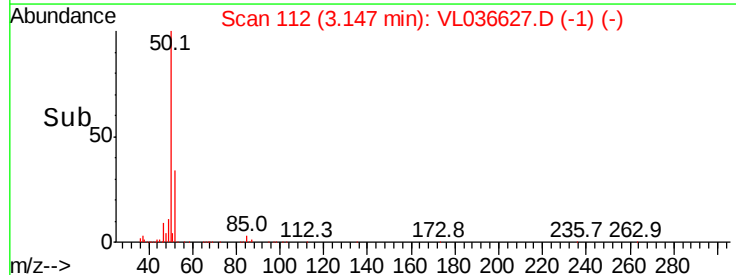
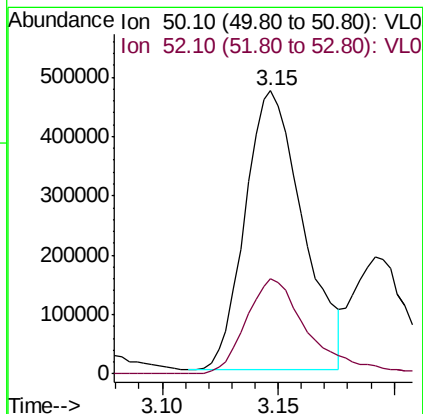
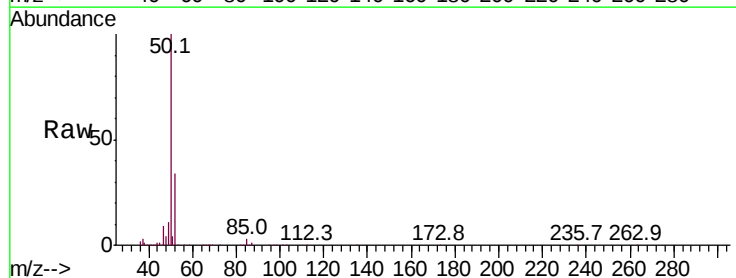
Acq: 1 Apr 2021 8:52

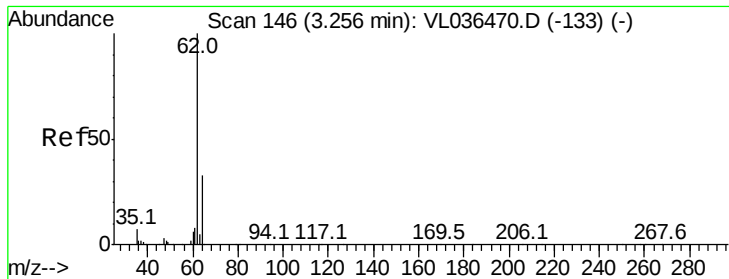
Tgt Ion: 50 Resp: 820434

Ion Ratio Lower Upper

50 100

52 34.3 27.0 40.6





#5

Vinyl Chloride

Concen: 7.655 ppbv

RT: 3.27 min Scan# 149

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

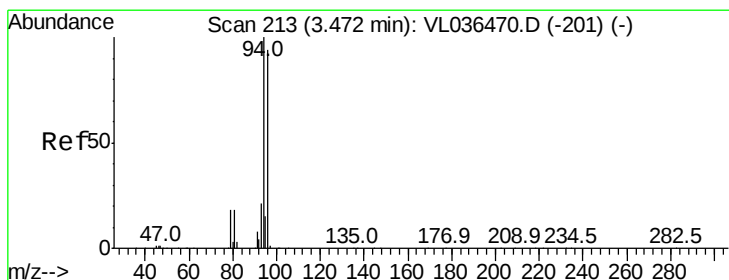
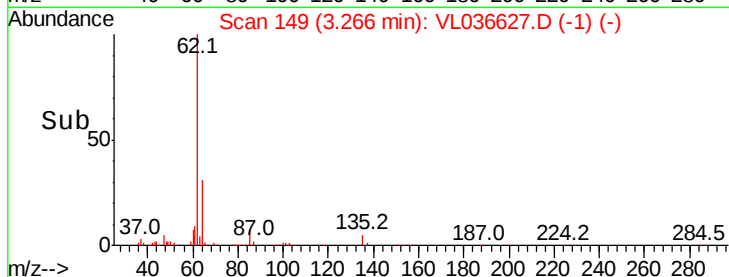
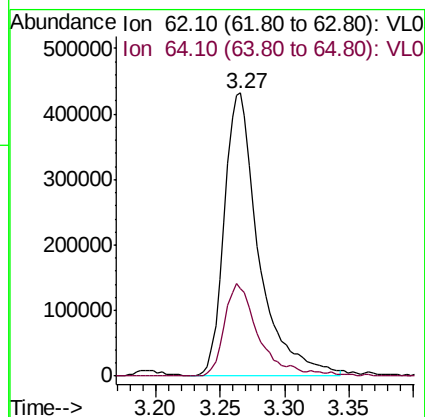
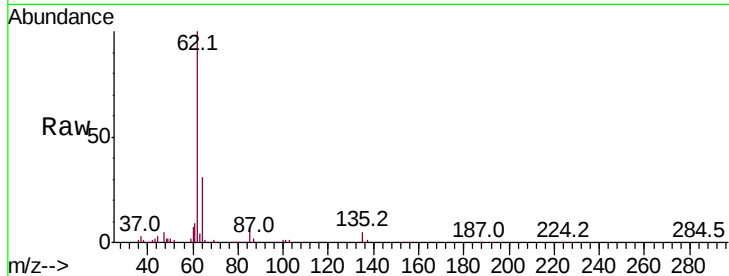
ClientSampleId :

Tot Ion: 62 Resp: 795921

Ion Ratio Lower Upper

62 100

64 30.9 26.4 39.6



#6

Bromomethane

Concen: 7.346 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL036627.D

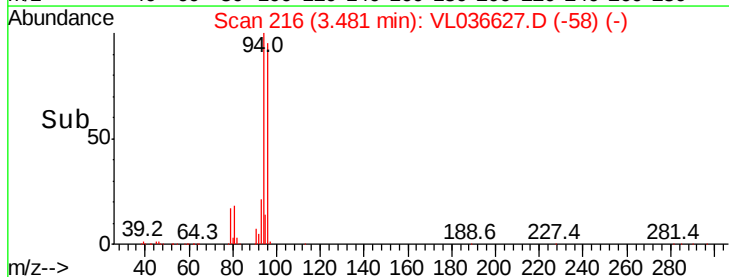
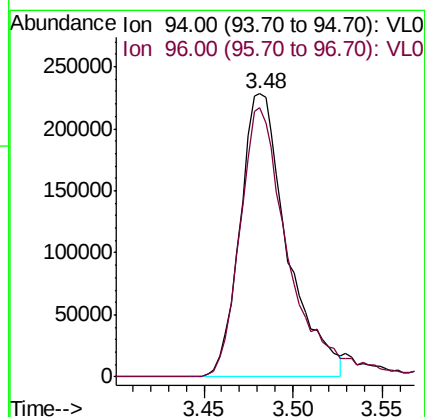
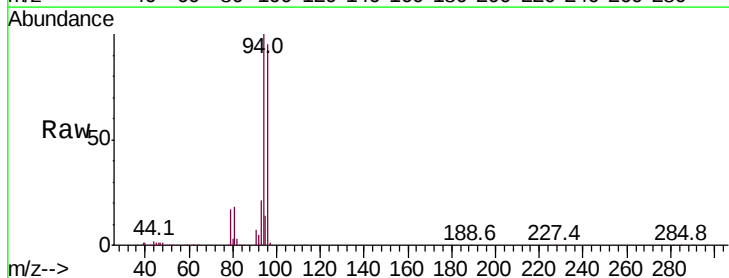
Acq: 1 Apr 2021 8:52

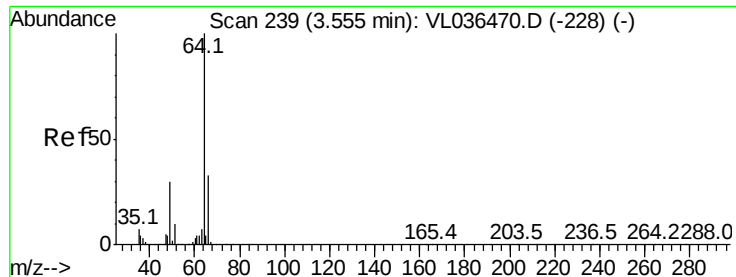
Tgt Ion: 94 Resp: 420545

Ion Ratio Lower Upper

94 100

96 95.0 74.9 112.3





#7

Chloroethane

Concen: 7.659 ppbv

RT: 3.56 min Scan# 242

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

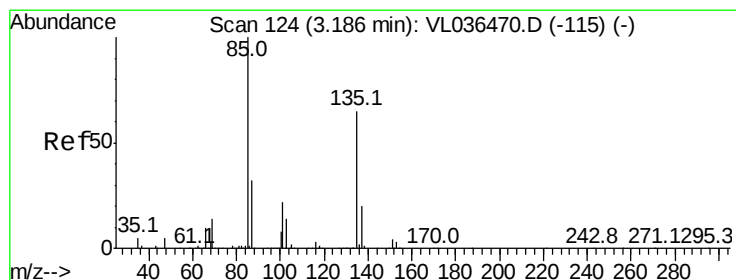
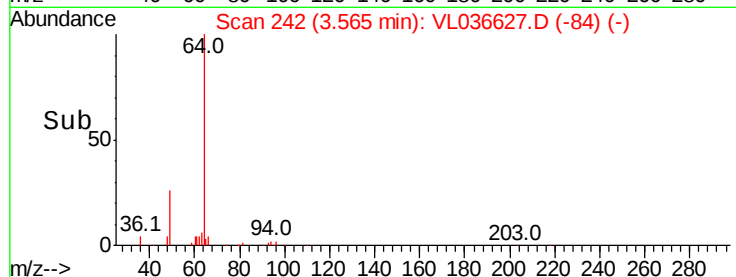
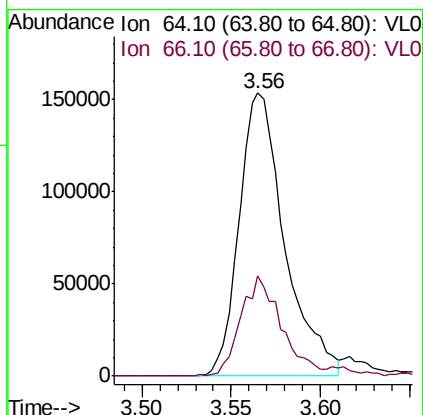
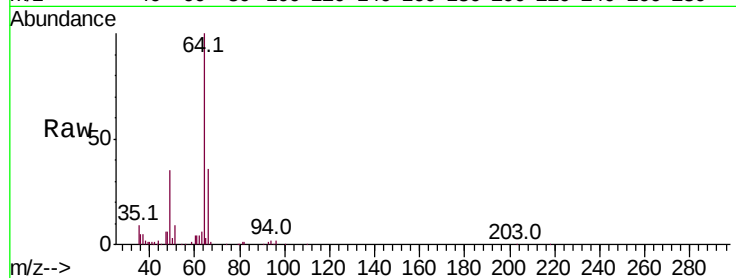
ClientSampleId :

Tot Ion: 64 Resp: 273656

Ion Ratio Lower Upper

64 100

66 35.6 26.2 39.2



#8

Dichlorotetrafluoroethane

Concen: 8.056 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.01 min

Lab File: VL036627.D

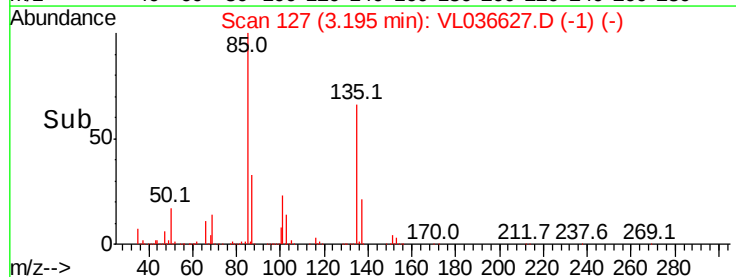
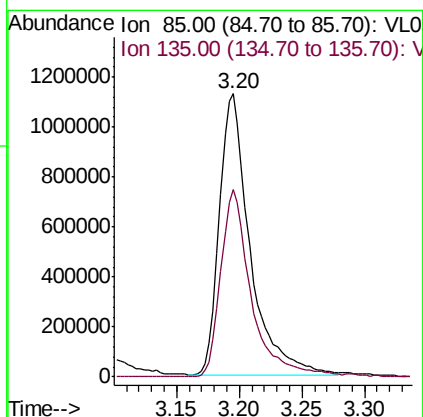
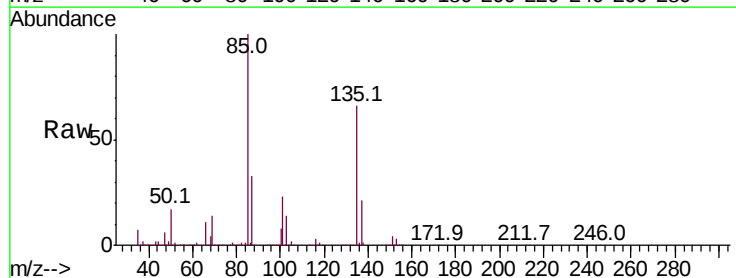
Acq: 1 Apr 2021 8:52

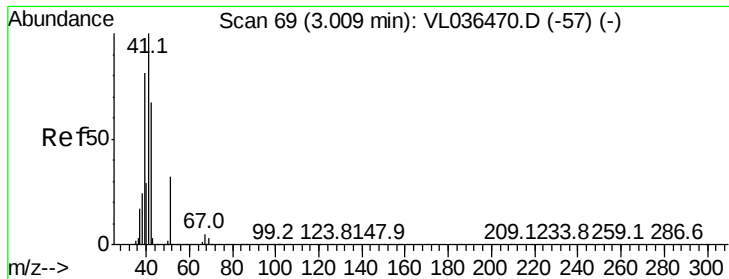
Tgt Ion: 85 Resp: 1921575

Ion Ratio Lower Upper

85 100

135 67.3 54.3 81.5





#9

Propene

Concen: 8.433 ppbv

RT: 3.01 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

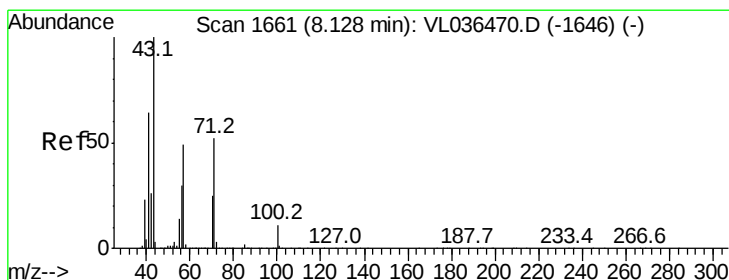
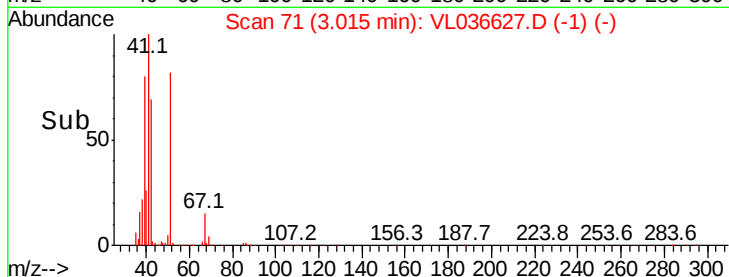
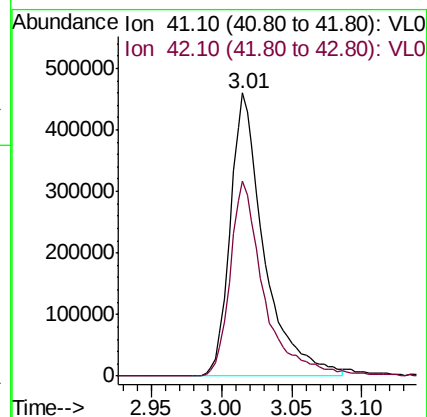
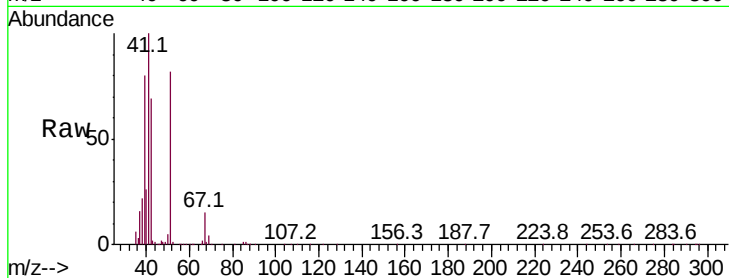
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 41 Resp: 769685

Ion Ratio Lower Upper

41 100

42 69.5 57.0 85.4



#10

Heptane

Concen: 8.773 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VL036627.D

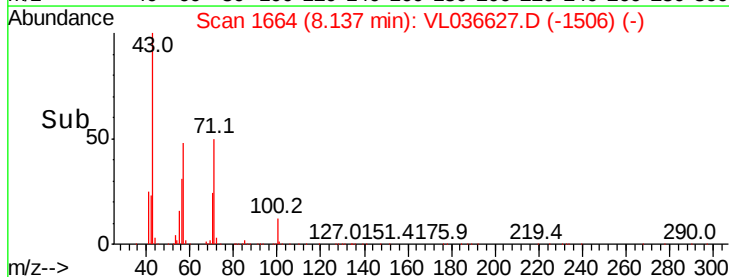
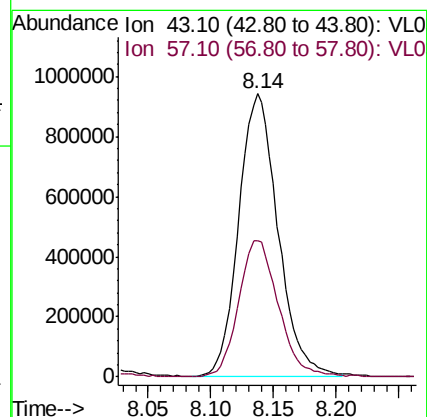
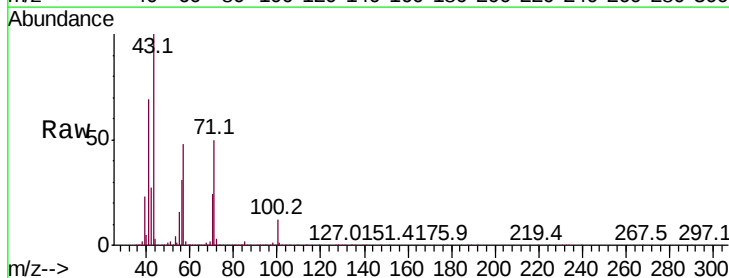
Acq: 1 Apr 2021 8:52

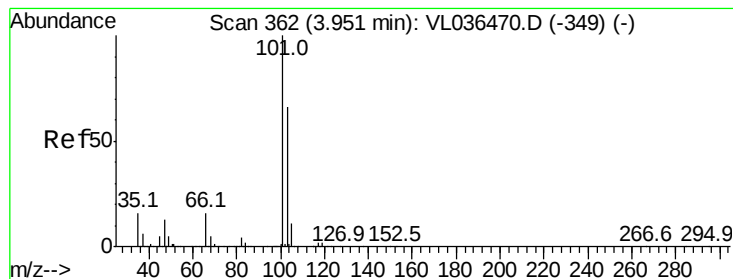
Tgt Ion: 43 Resp: 2039796

Ion Ratio Lower Upper

43 100

57 49.2 39.0 58.6





#11

Trichlorofluoromethane

Concen: 7.445 ppbv

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

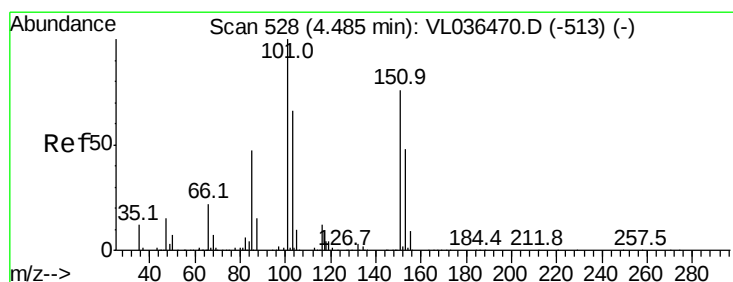
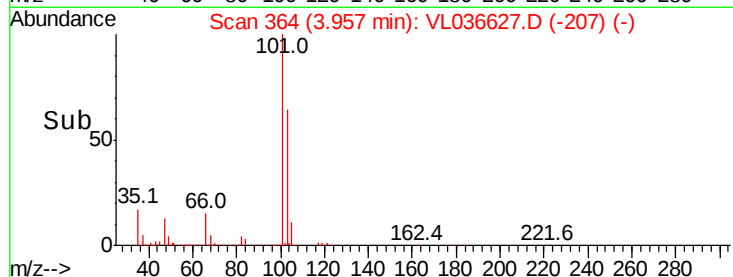
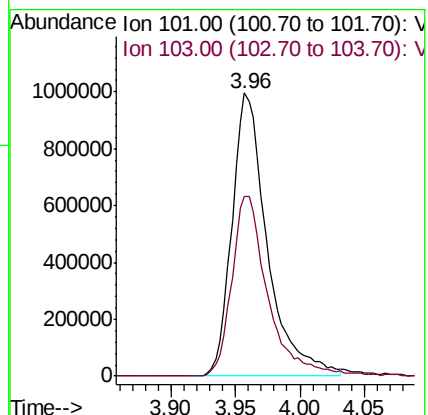
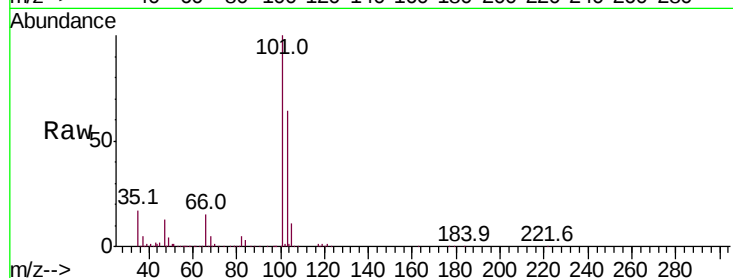
ClientSampled :

Tot Ion:101 Resp: 1896243

Ion Ratio Lower Upper

101 100

103 63.7 52.5 78.7



#12

1,1,2-Trichlorotrifluoroethane

Concen: 7.505 ppbv

RT: 4.49 min Scan# 531

Delta R.T. 0.01 min

Lab File: VL036627.D

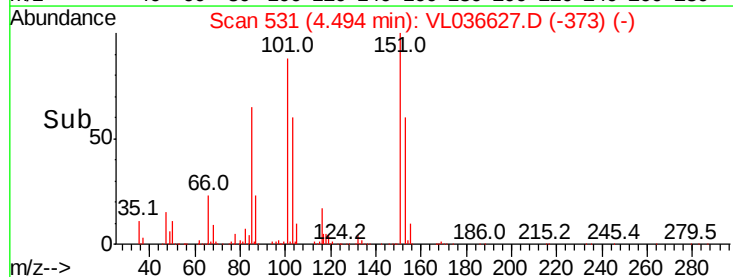
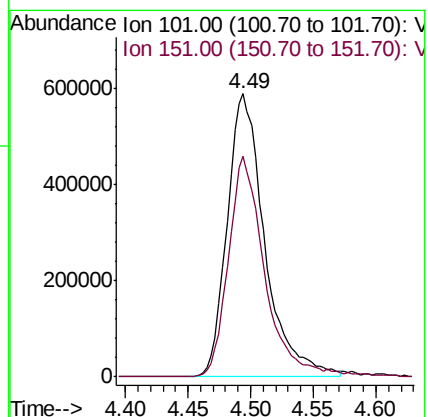
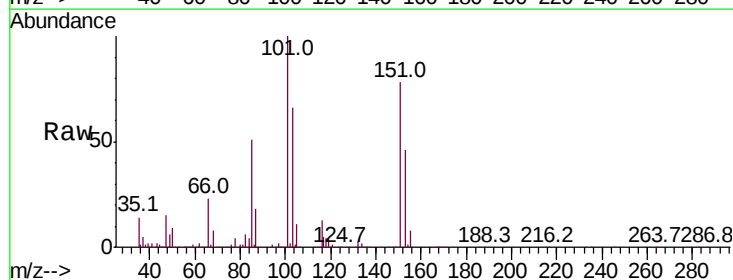
Acq: 1 Apr 2021 8:52

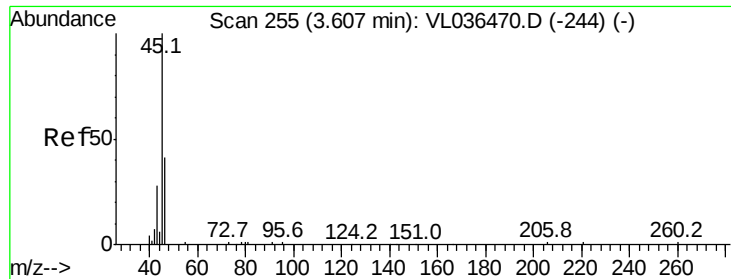
Tgt Ion:101 Resp: 1222188

Ion Ratio Lower Upper

101 100

151 76.5 60.9 91.3

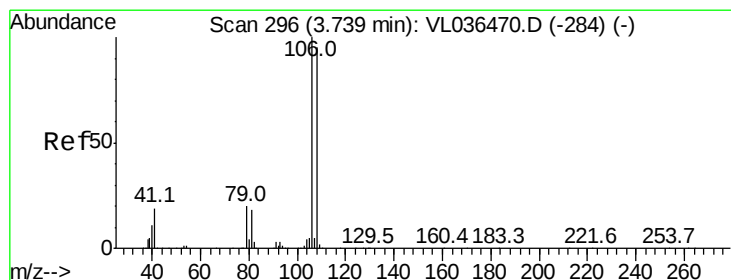
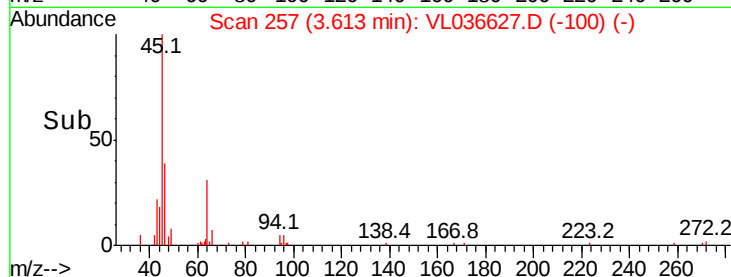
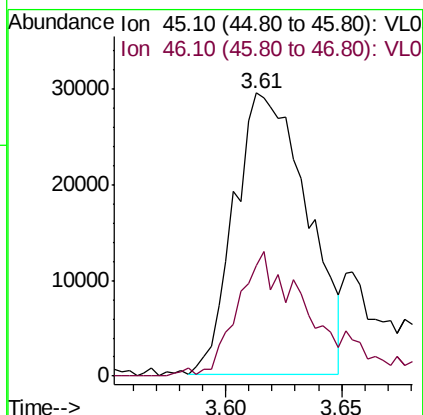
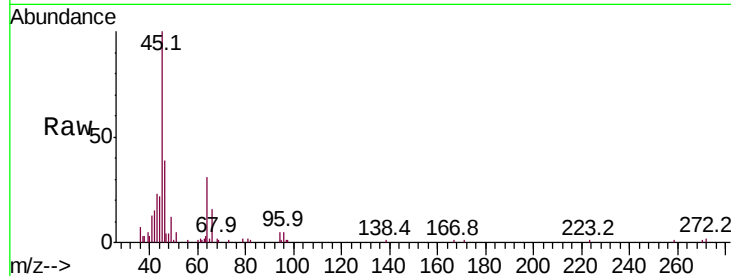




#13
Ethanol
Concen: 5.902 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

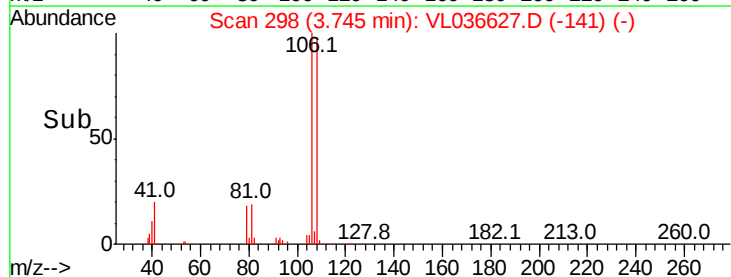
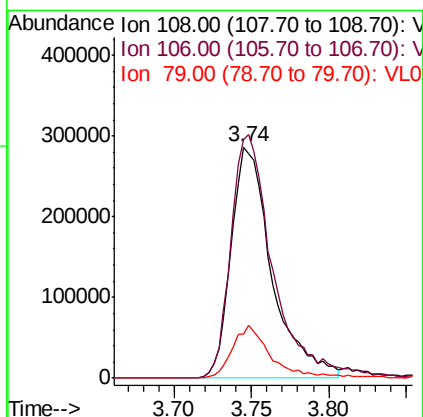
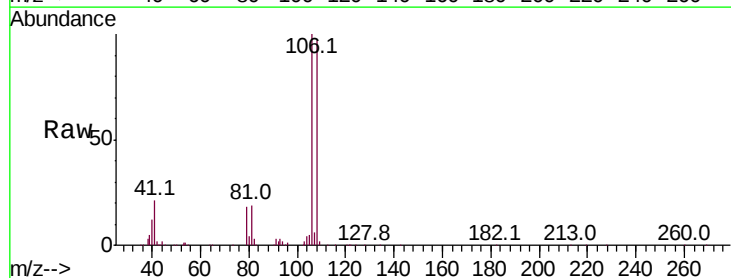
Instrument :
MSVOA_L
ClientSampleId :

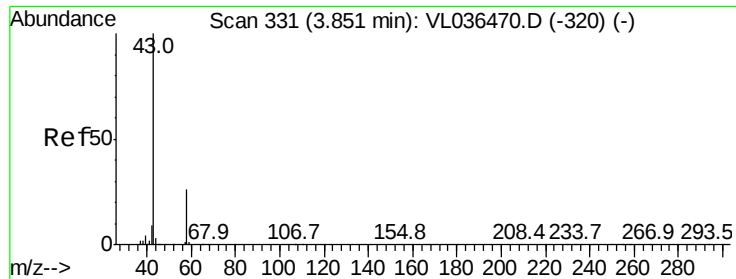
Tot Ion: 45 Resp: 64148
Ion Ratio Lower Upper
45 100
46 44.8 16.6 66.2



#14
Bromoethene
Concen: 7.747 ppbv
RT: 3.74 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

Tgt Ion: 108 Resp: 524451
Ion Ratio Lower Upper
108 100
106 111.0 89.0 133.6
79 22.1 16.6 25.0





#15

Acetone

Concen: 7.495 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

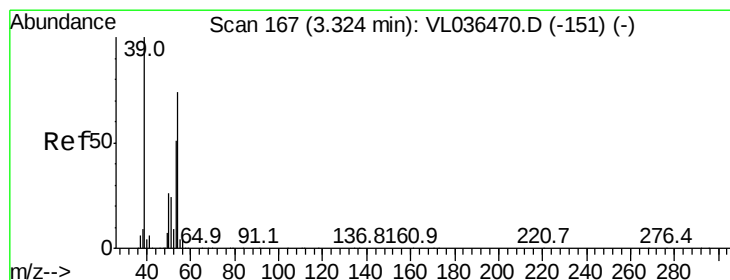
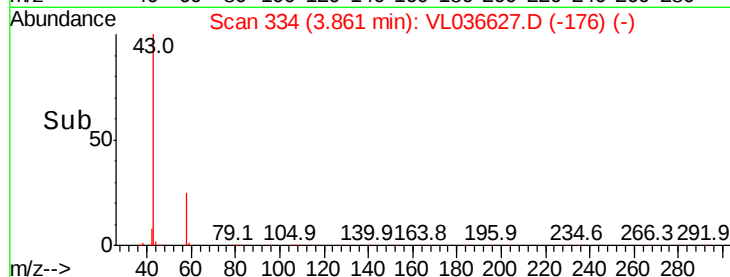
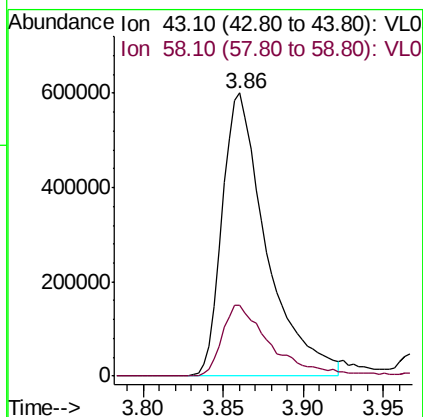
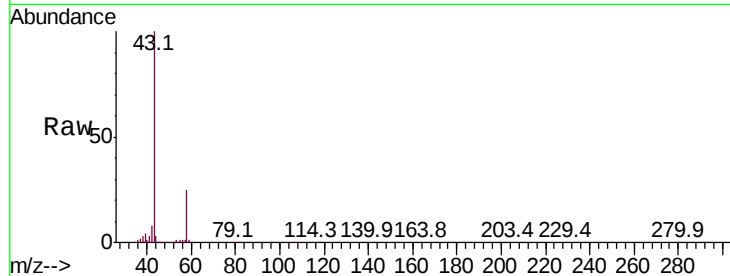
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 1130393

Ion Ratio Lower Upper

43 100

58 28.2 21.2 31.8



#16

1,3-Butadiene

Concen: 7.953 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.01 min

Lab File: VL036627.D

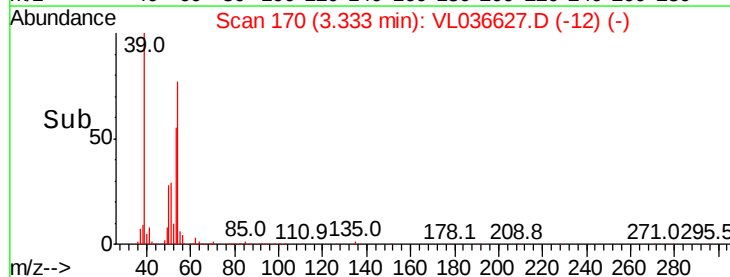
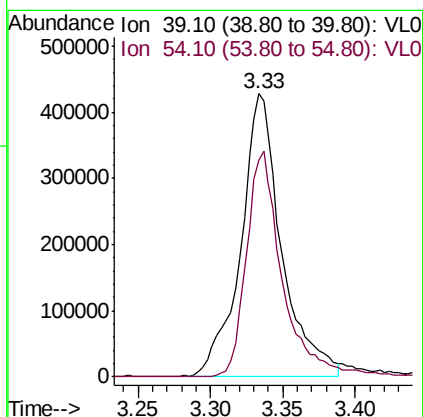
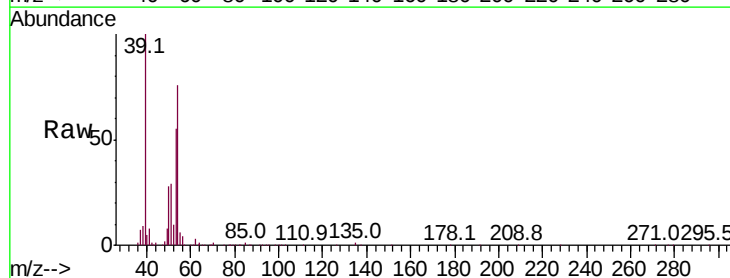
Acq: 1 Apr 2021 8:52

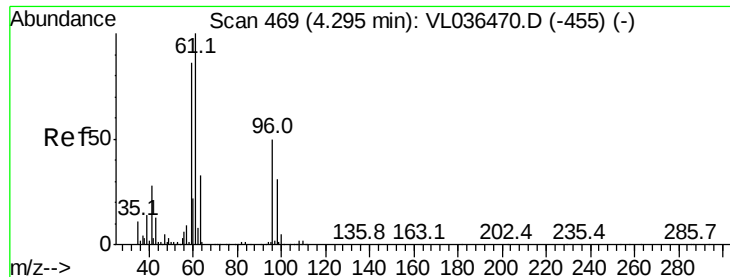
Tgt Ion: 39 Resp: 835086

Ion Ratio Lower Upper

39 100

54 71.8 58.8 88.2



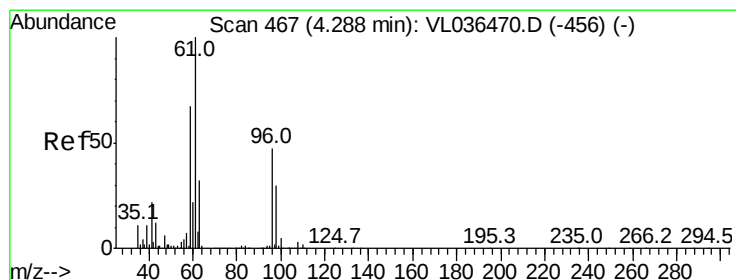
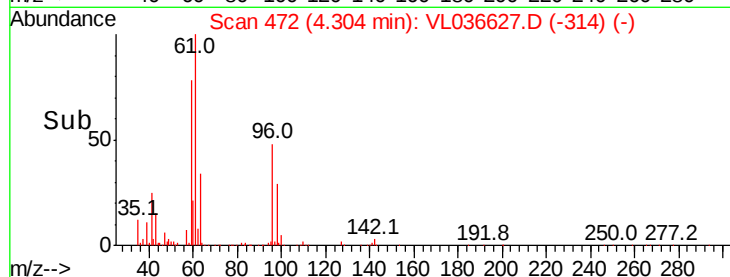
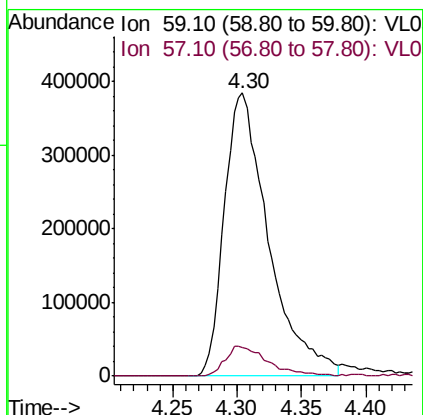
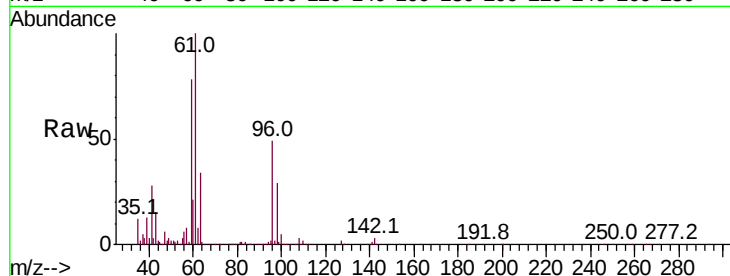


#17

tert-Butyl alcohol
Concen: 6.993 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

Instrument :
MSVOA_L
ClientSampled :

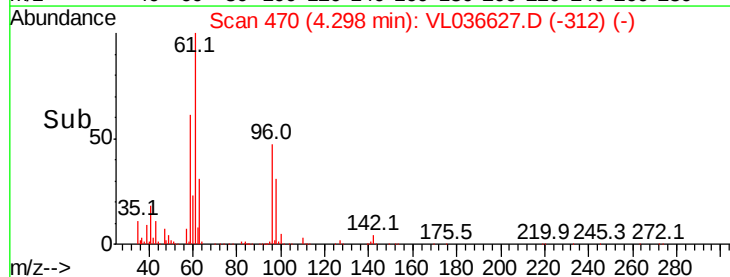
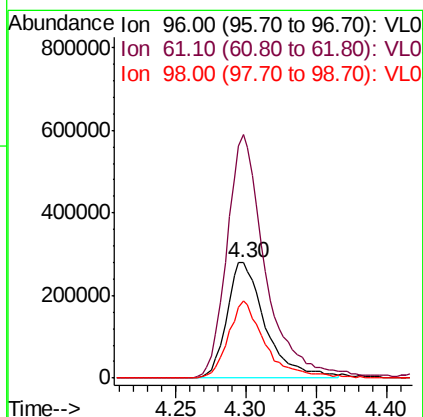
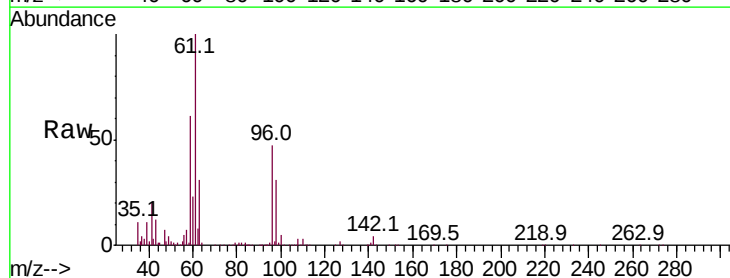
Tot Ion: 59 Resp: 918036
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

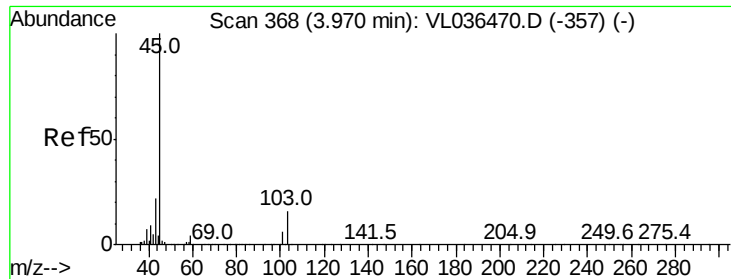


#18

1,1-Dichloroethene
Concen: 7.382 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

Tgt Ion: 96 Resp: 534700
Ion Ratio Lower Upper
96 100
61 210.8 168.6 253.0
98 66.4 50.8 76.2





#19

Isopropyl Alcohol

Concen: 2.023 ppbv

RT: 3.97 min Scan# 369

Delta R.T. 0.00 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

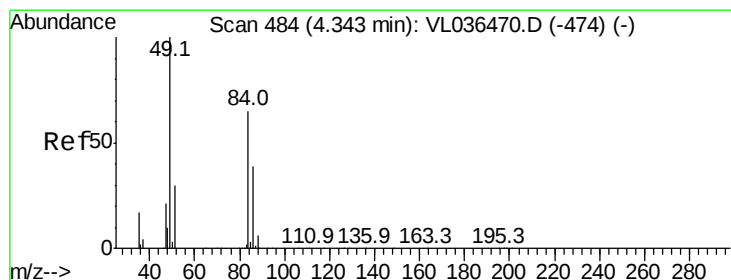
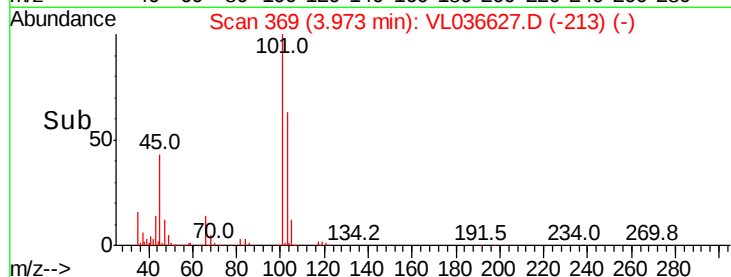
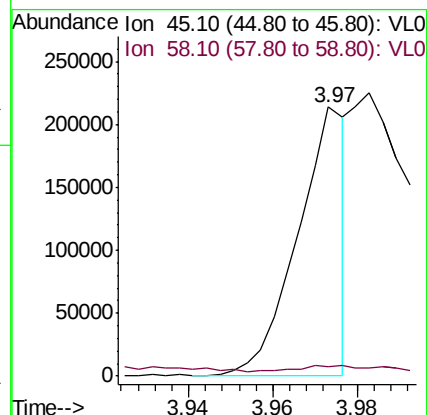
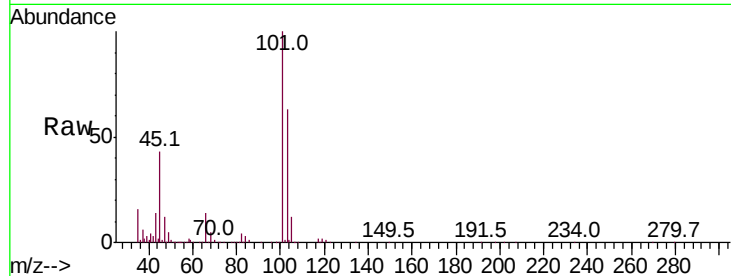
ClientSampled :

Tot Ion: 45 Resp: 167810

Ion Ratio Lower Upper

45 100

58 17.0 2.9 4.3#



#20

Methylene Chloride

Concen: 6.676 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Tgt Ion: 84 Resp: 471393

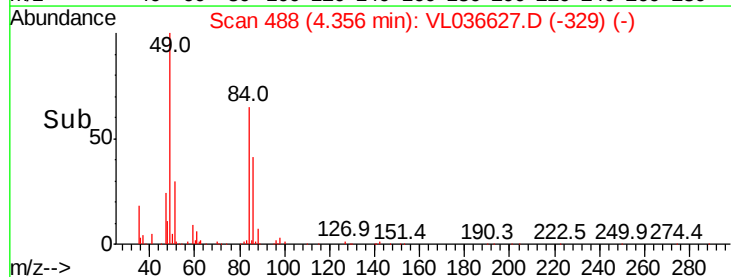
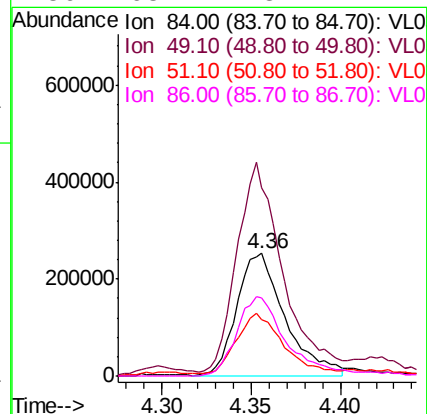
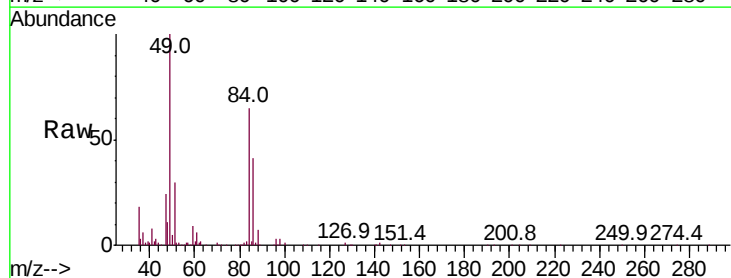
Ion Ratio Lower Upper

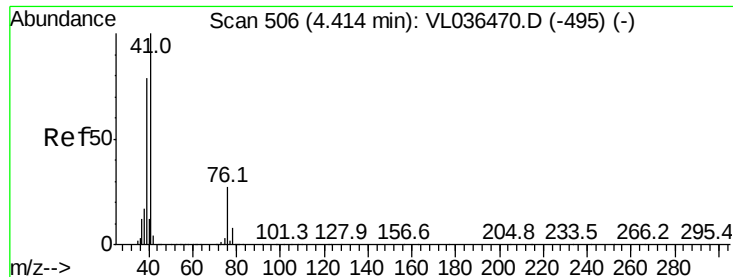
84 100

49 150.1 122.9 184.3

51 44.4 36.9 55.3

86 63.4 48.2 72.4

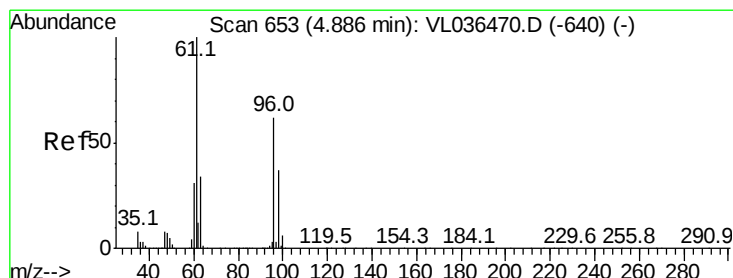
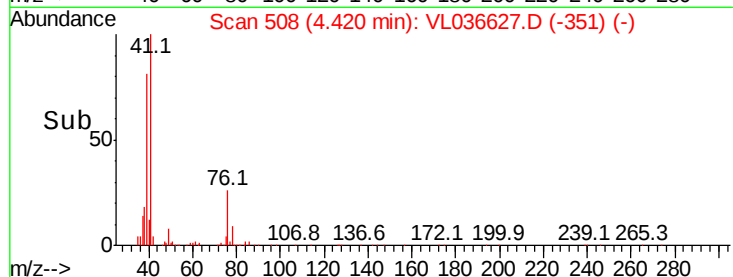
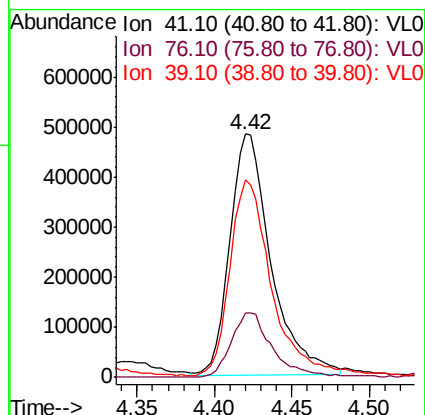
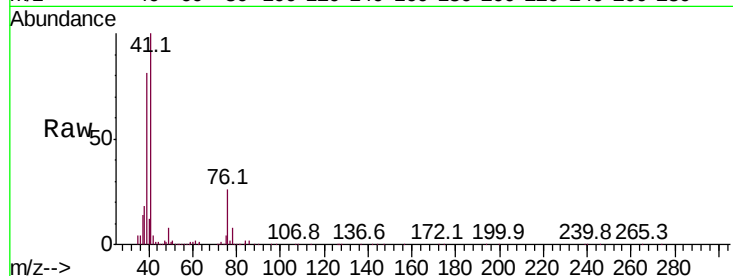




#21
Allvl Chloride
Concen: 7.432 ppbv
RT: 4.42 min Scan# 508
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

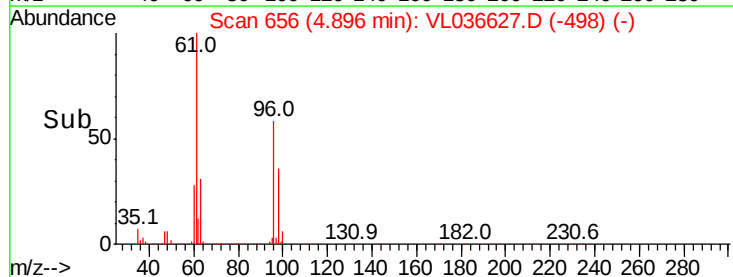
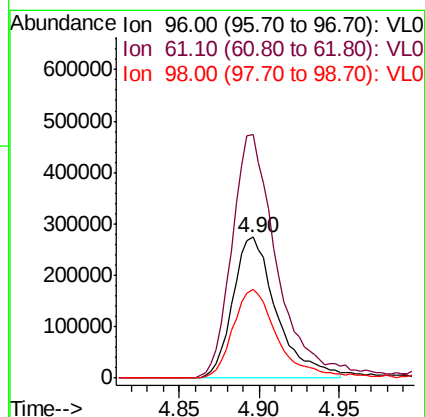
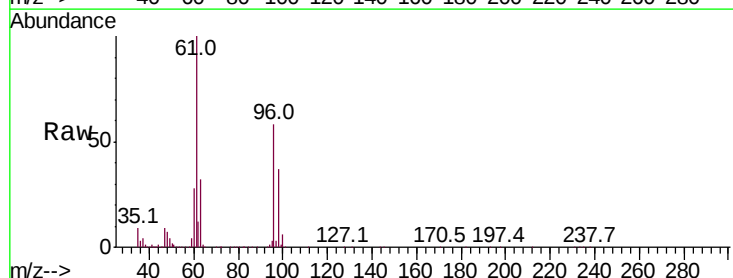
Instrument :
MSVOA_L
ClientSampleId :

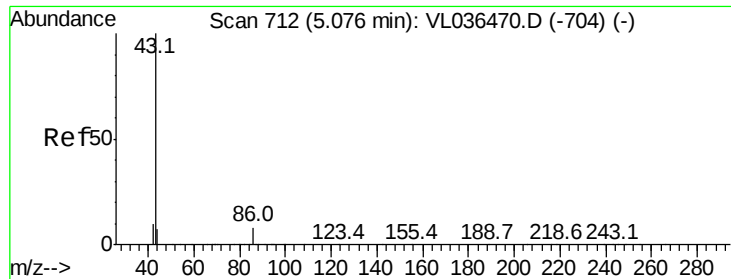
Tot Ion: 41 Resp: 893490
Ion Ratio Lower Upper
41 100
76 26.9 22.9 34.3
39 82.5 67.3 100.9



#22
trans-1,2-Dichloroethene
Concen: 7.636 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

Tgt Ion: 96 Resp: 512806
Ion Ratio Lower Upper
96 100
61 172.2 129.4 194.0
98 62.9 48.2 72.4





#23

Vinyl Acetate

Concen: 8.021 ppbv

RT: 5.08 min Scan# 714

Delta R.T. 0.01 min

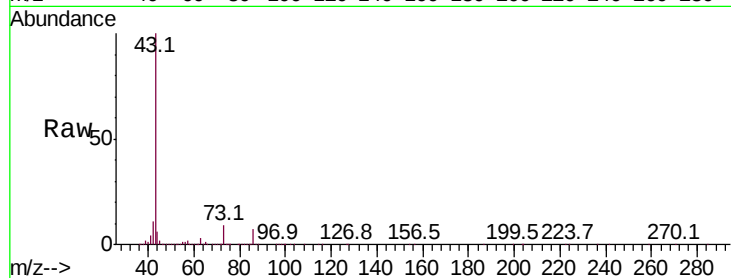
Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

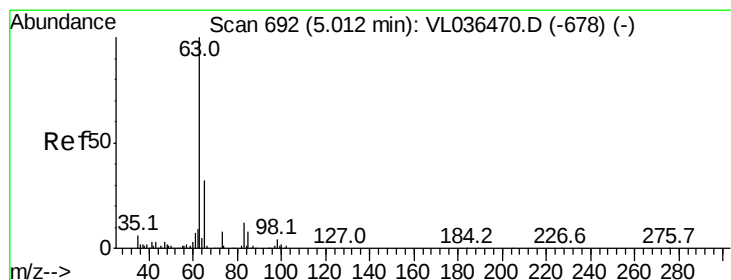
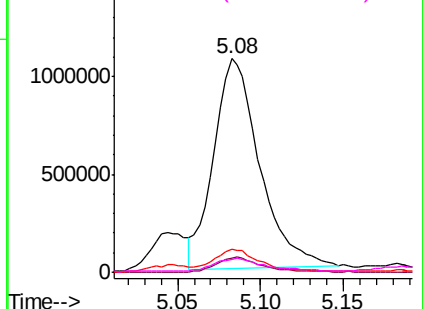
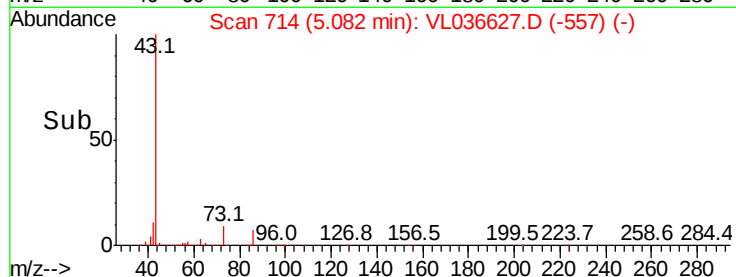
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 2069170

Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.4	8.0
42	10.7	8.5	12.7
44	5.5	4.6	7.0



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 86.10 (85.80 to 86.80): VL0
Ion 42.10 (41.80 to 42.80): VL0
Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 8.023 ppbv

RT: 5.02 min Scan# 695

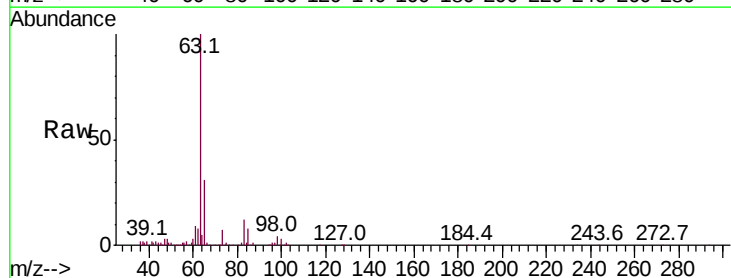
Delta R.T. 0.01 min

Lab File: VL036627.D

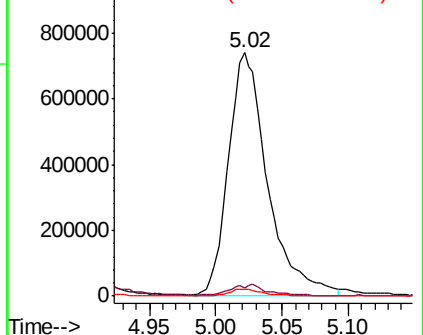
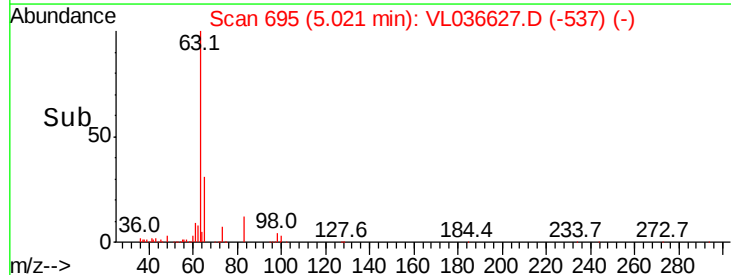
Acq: 1 Apr 2021 8:52

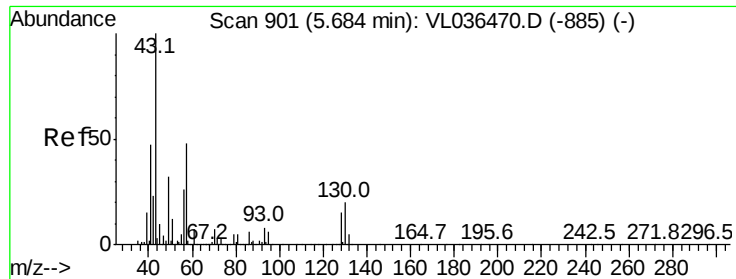
Tgt Ion: 63 Resp: 1508660

Ion	Ratio	Lower	Upper
63	100		
98	3.3	2.1	6.2
100	2.7	0.9	2.8



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0

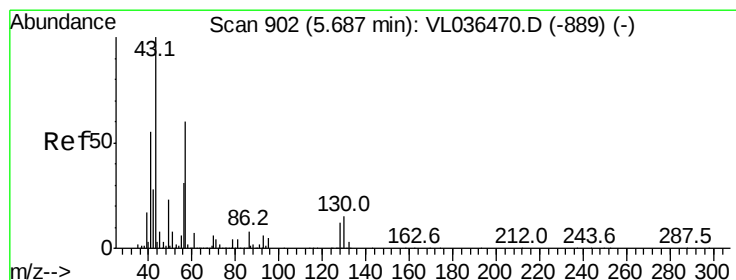
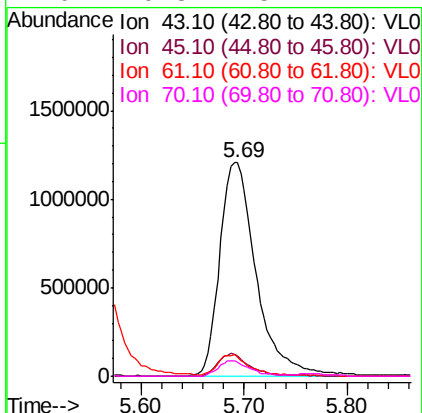
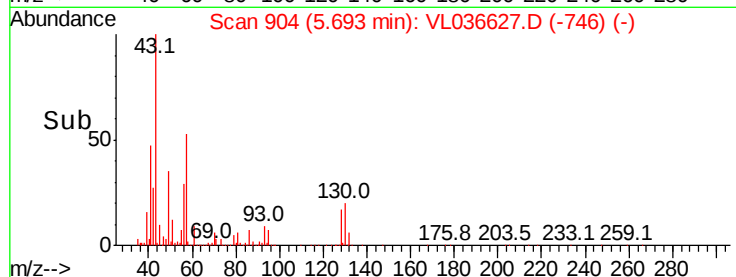
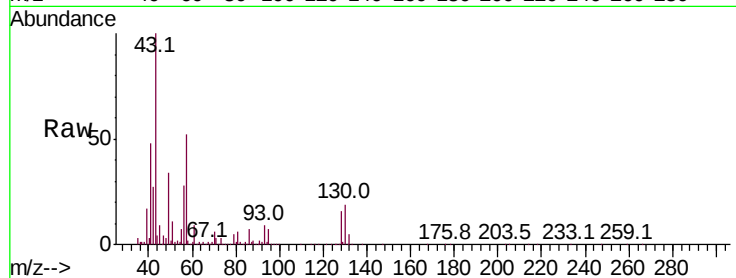




#25
Ethyl Acetate
Concen: 8.221 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

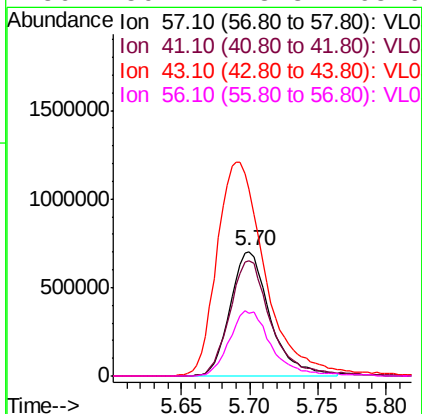
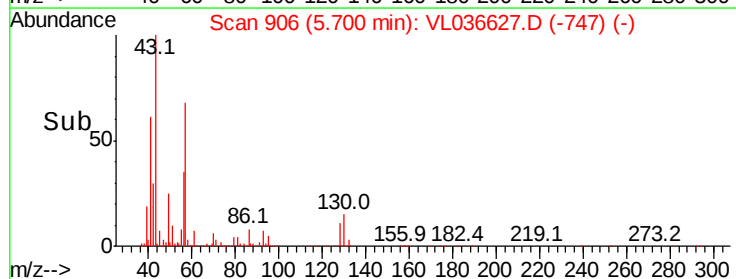
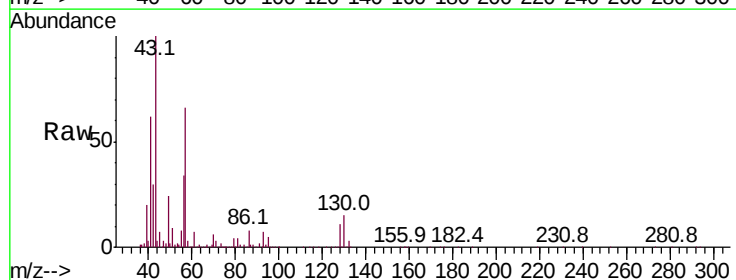
Instrument :
MSVOA_L
ClientSampleId :

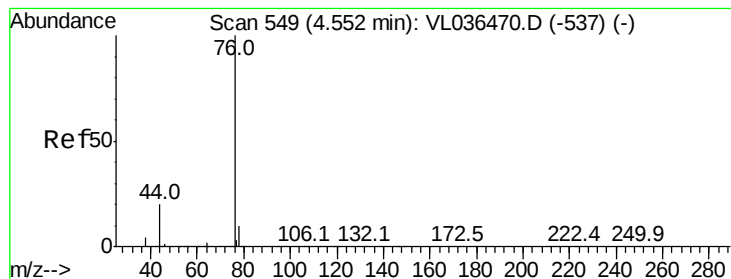
Tot Ion: 43 Resp: 2947540
Ion Ratio Lower Upper
43 100
45 9.7 7.9 11.9
61 9.1 7.4 11.2
70 6.3 5.1 7.7



#26
Hexane
Concen: 8.525 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

Tgt Ion: 57 Resp: 1418518
Ion Ratio Lower Upper
57 100
41 97.9 77.2 115.8
43 210.5 173.8 260.6
56 56.1 43.8 65.6





#27

Carbon Disulfide

Concen: 8.088 ppbv

RT: 4.56 min Scan# 551

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

ClientSampleId :

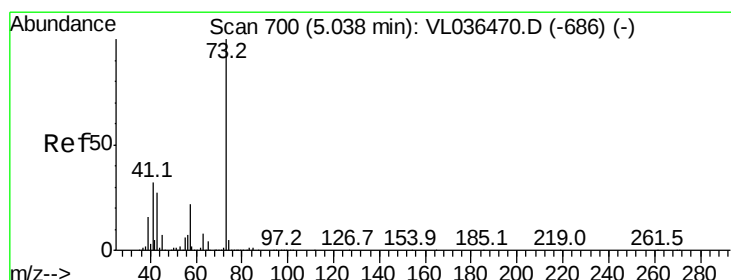
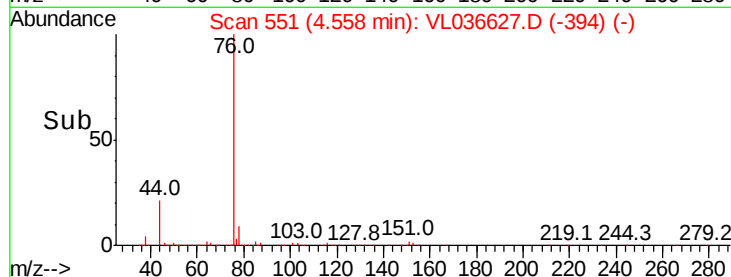
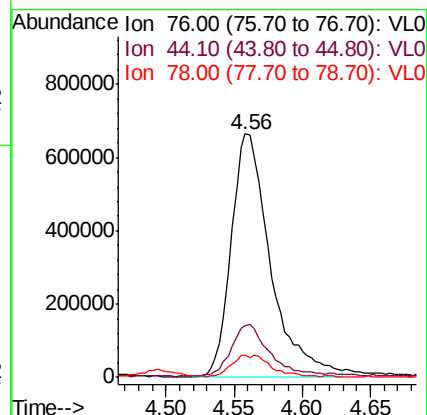
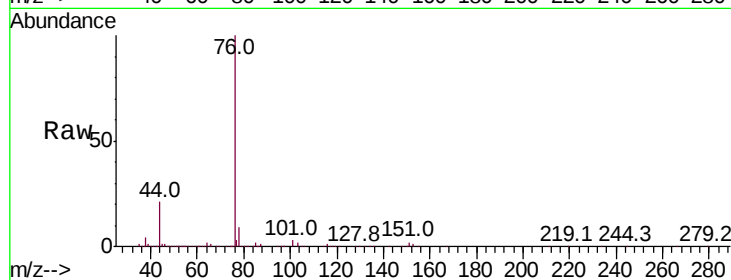
Tot Ion: 76 Resp: 1325753

Ion Ratio Lower Upper

76 100

44 22.0 17.5 26.3

78 9.7 8.6 13.0



#28

Methyl tert-Butyl Ether

Concen: 7.411 ppbv

RT: 5.05 min Scan# 703

Delta R.T. 0.01 min

Lab File: VL036627.D

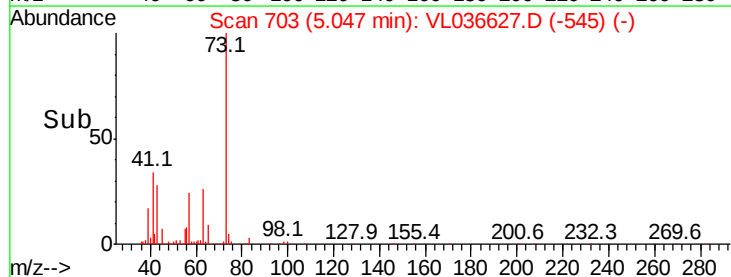
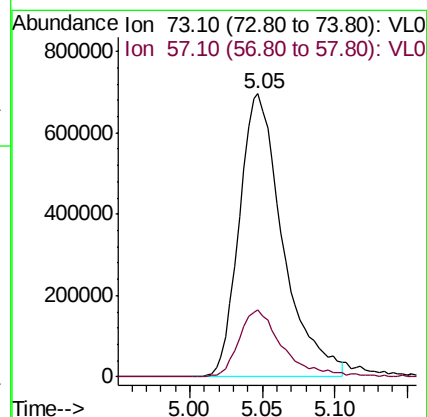
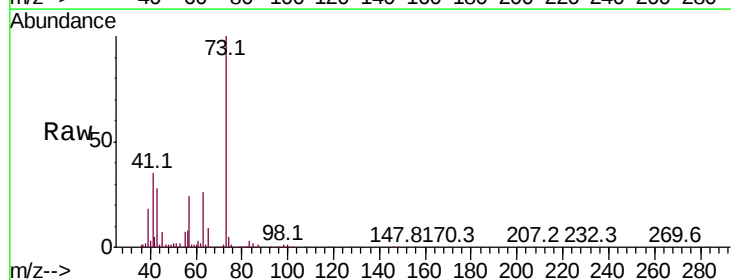
Acq: 1 Apr 2021 8:52

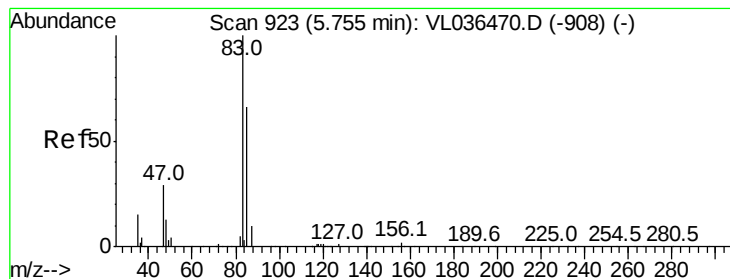
Tgt Ion: 73 Resp: 1454155

Ion Ratio Lower Upper

73 100

57 23.9 18.5 27.7





#29

Chloroform

Concen: 8.613 ppbv

RT: 5.76 min Scan# 926

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

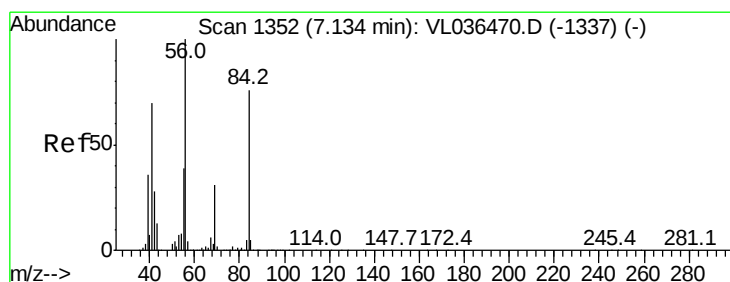
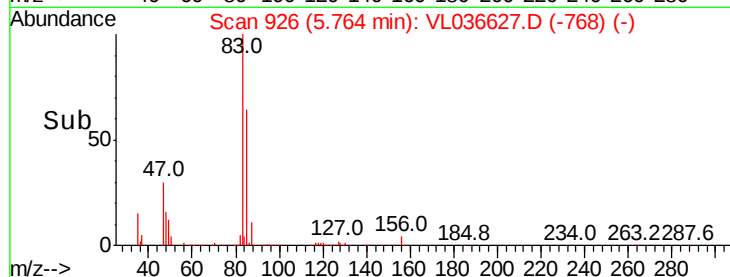
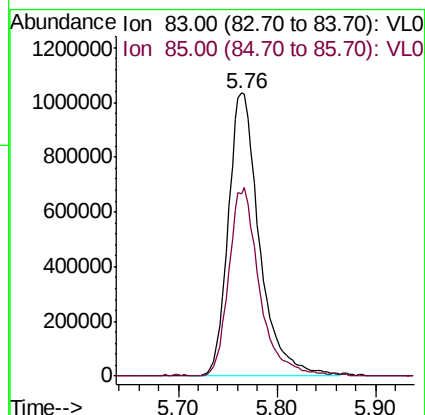
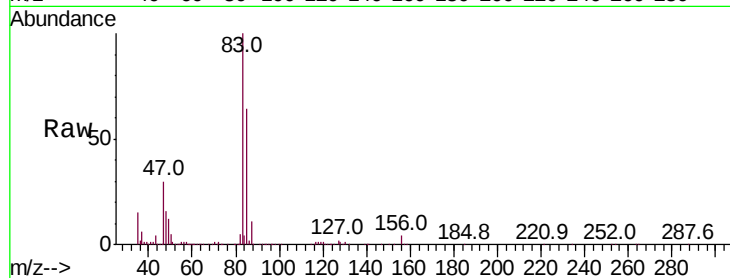
ClientSampleId :

Tot Ion: 83 Resp: 2291783

Ion Ratio Lower Upper

83 100

85 64.3 52.6 78.8



#30

Cyclohexane

Concen: 8.806 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

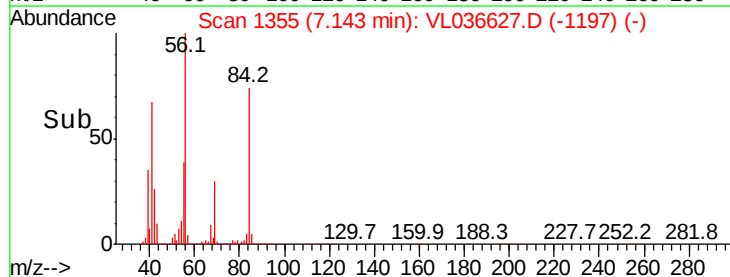
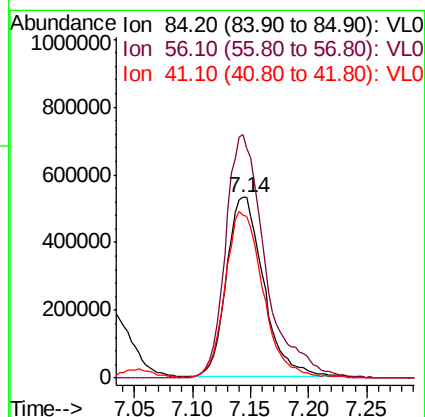
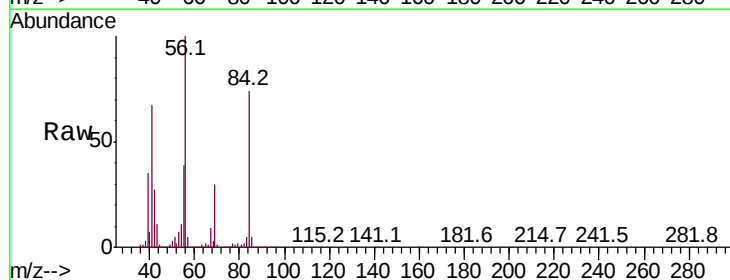
Tgt Ion: 84 Resp: 1188265

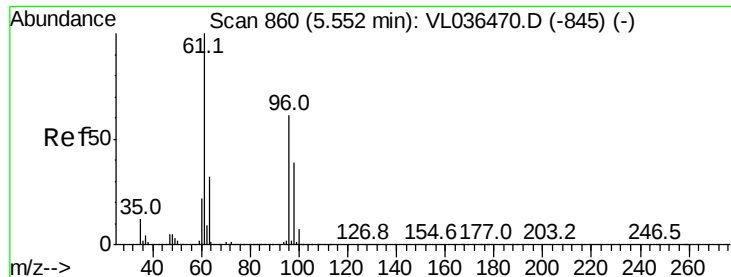
Ion Ratio Lower Upper

84 100

56 145.6 114.6 171.8

41 93.9 75.3 112.9



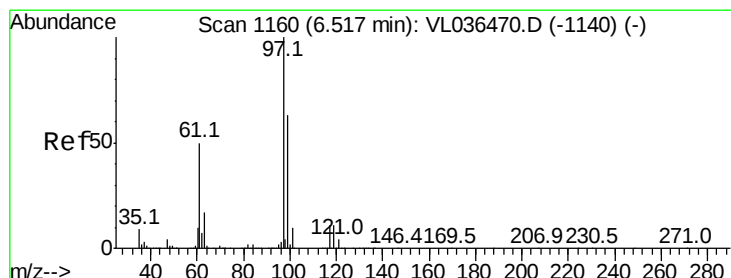
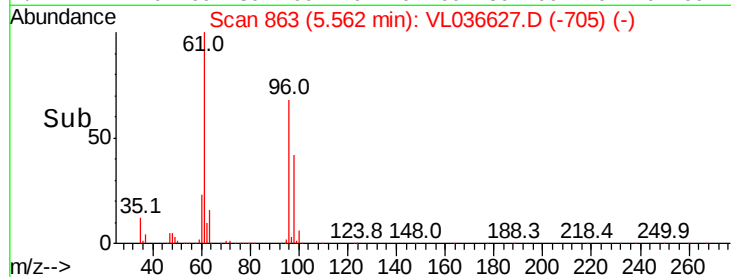
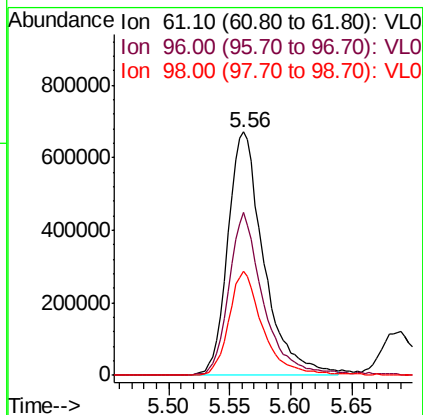
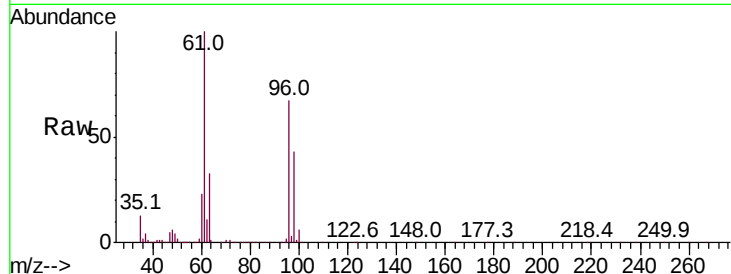


#31

cis-1,2-Dichloroethene
Concen: 8.554 ppbv
RT: 5.56 min Scan# 863
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

Instrument :
MSVOA_L
ClientSampleId :

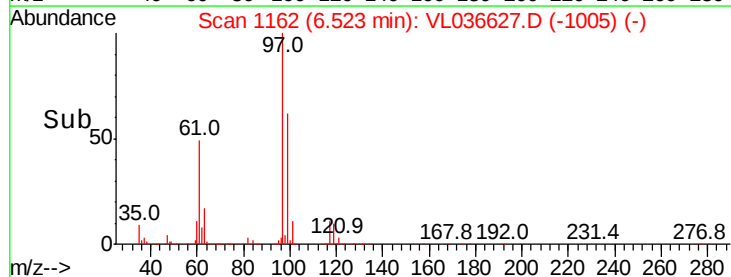
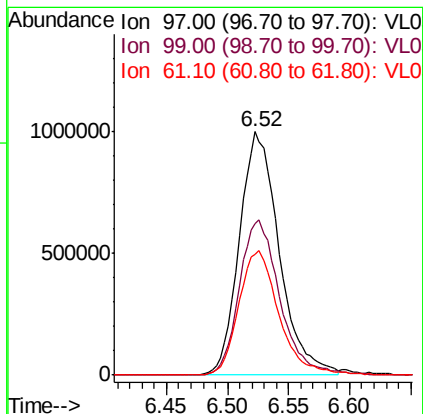
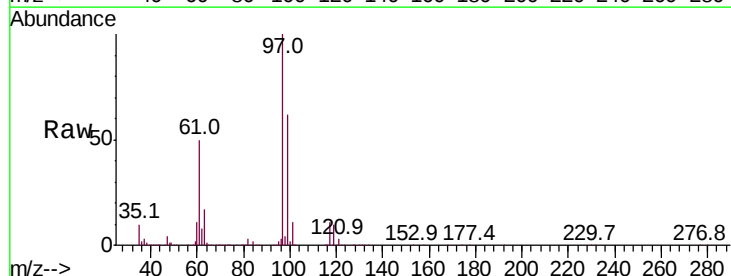
Tot Ion: 61 Resp: 1376568
Ion Ratio Lower Upper
61 100
96 67.0 48.7 73.1
98 42.4 31.4 47.0

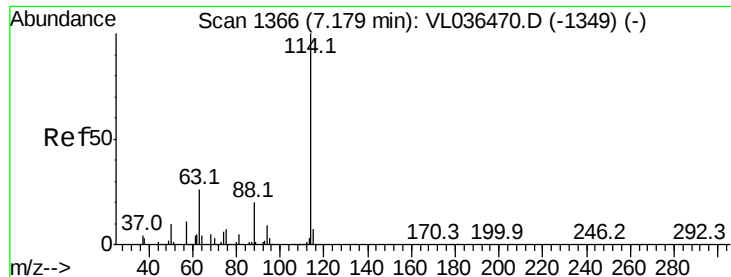


#32

1,1,1-Trichloroethane
Concen: 8.410 ppbv
RT: 6.52 min Scan# 1162
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

Tgt Ion: 97 Resp: 2255398
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.0
61 51.7 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1370

Delta R.T. 0.01 min

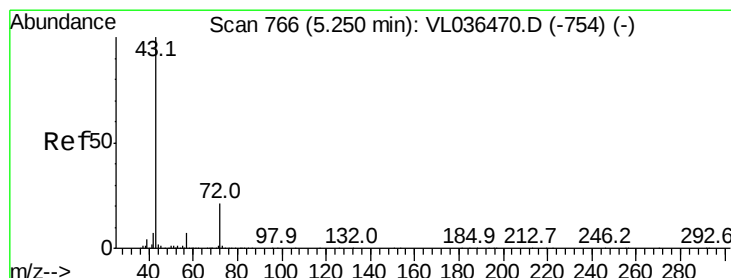
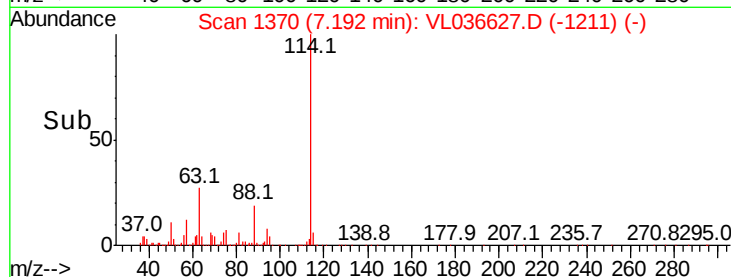
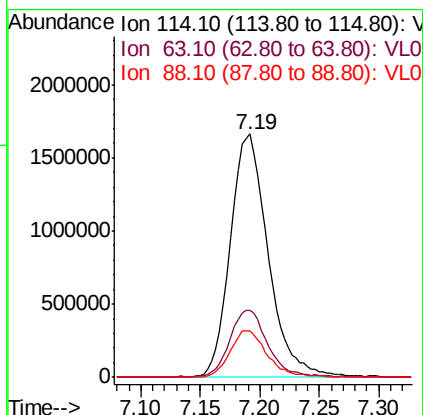
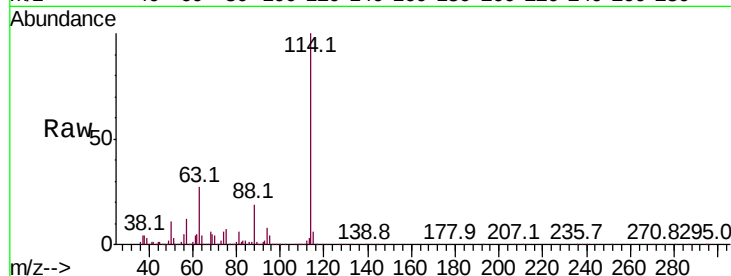
Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:114 Resp: 3664755

Ion	Ratio	Lower	Upper
114	100		
63	28.4	22.4	33.6
88	19.1	15.4	23.0



#34

2-Butanone

Concen: 7.758 ppbv

RT: 5.26 min Scan# 768

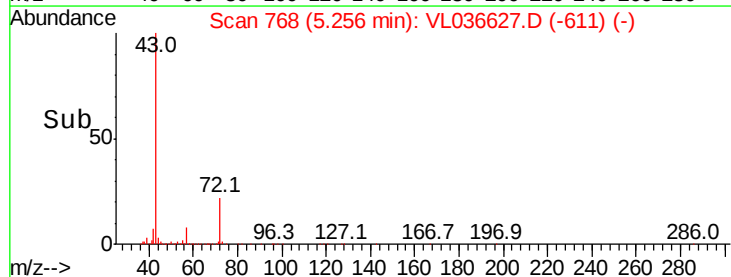
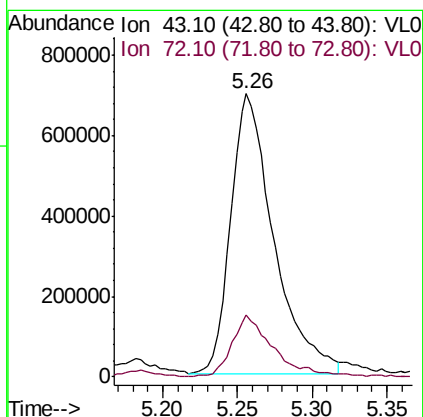
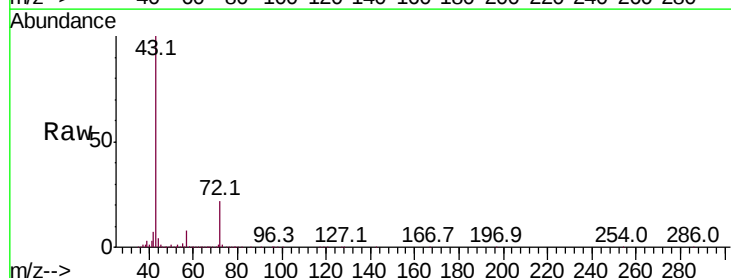
Delta R.T. 0.01 min

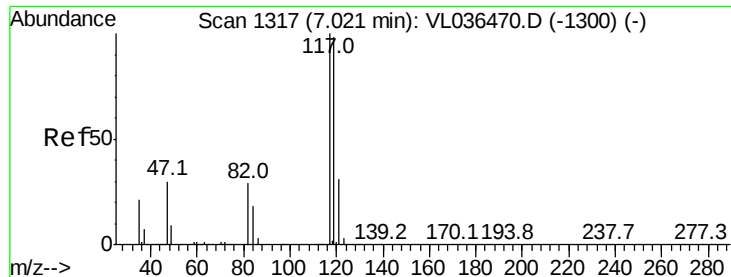
Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Tgt Ion: 43 Resp: 1387772

Ion	Ratio	Lower	Upper
43	100		
72	21.6	17.0	25.6

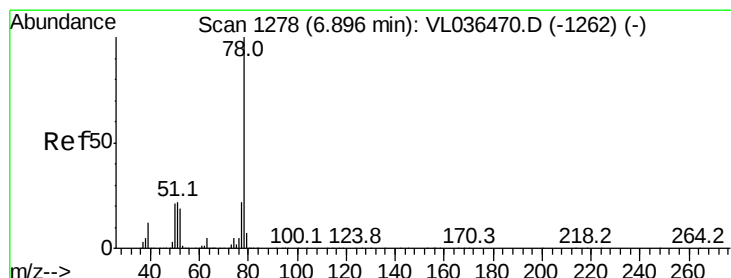
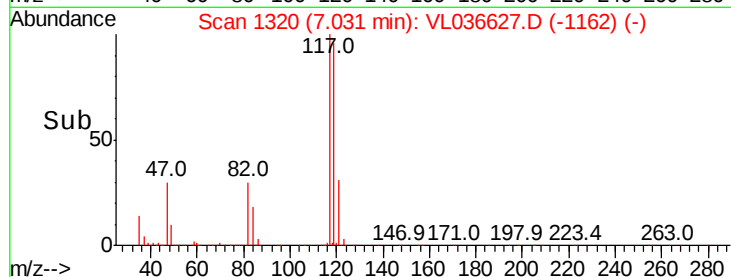
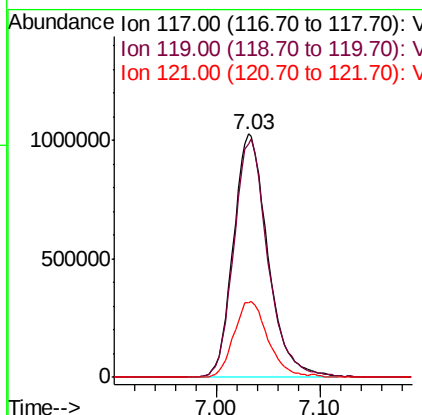
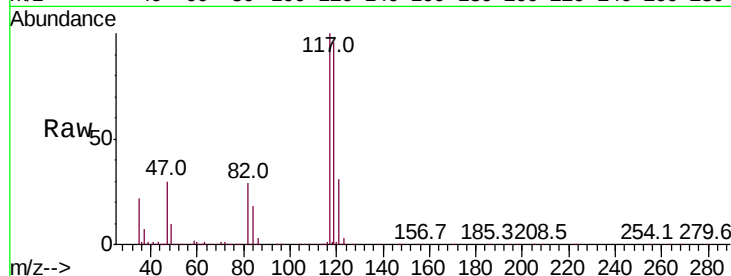




#35
Carbon Tetrachloride
Concen: 8.496 ppbv
RT: 7.03 min Scan# 1320
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

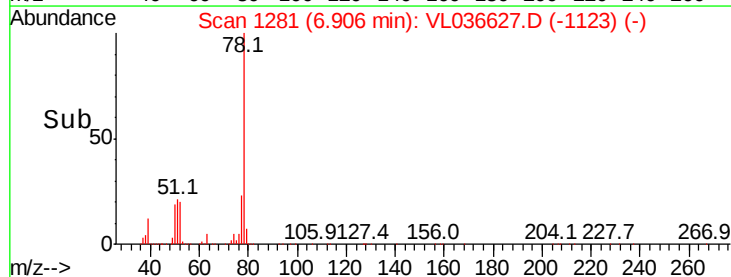
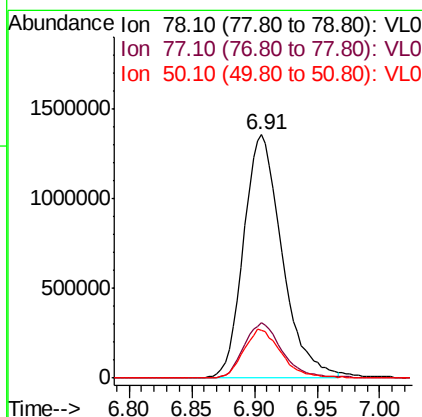
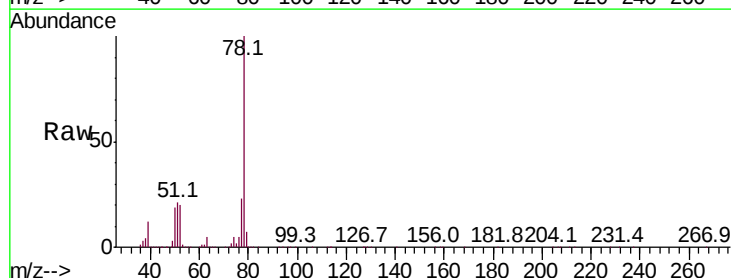
Instrument :
MSVOA_L
ClientSampled :

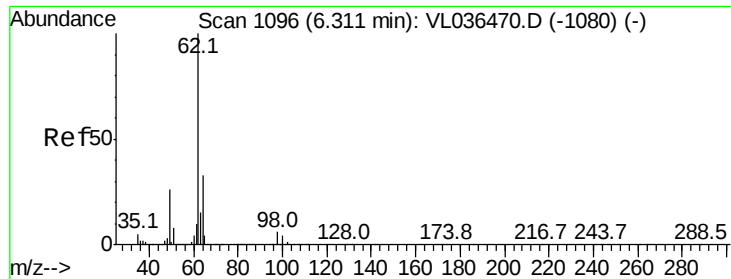
Tot Ion:117 Resp: 2391509
Ion Ratio Lower Upper
117 100
119 96.1 78.2 117.2
121 30.8 24.5 36.7



#36
Benzene
Concen: 8.582 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

Tgt Ion: 78 Resp: 2900722
Ion Ratio Lower Upper
78 100
77 22.7 18.0 27.0
50 19.4 16.5 24.7





#37

1,2-Dichloroethane

Concen: 8.604 ppbv

RT: 6.32 min Scan# 1099

Delta R.T. 0.01 min

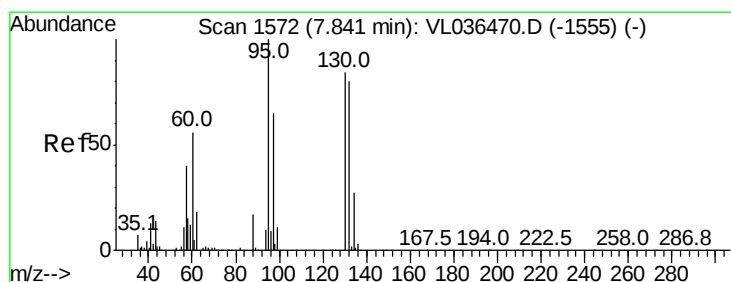
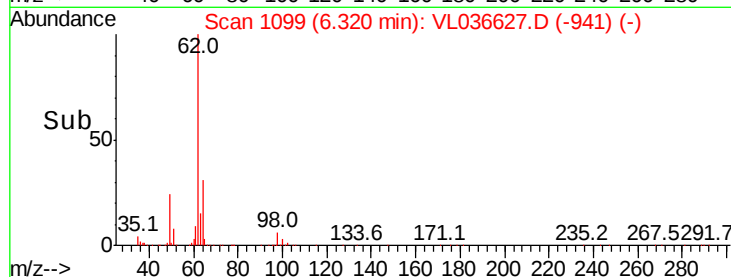
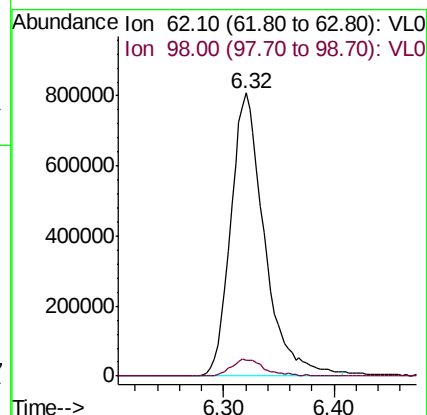
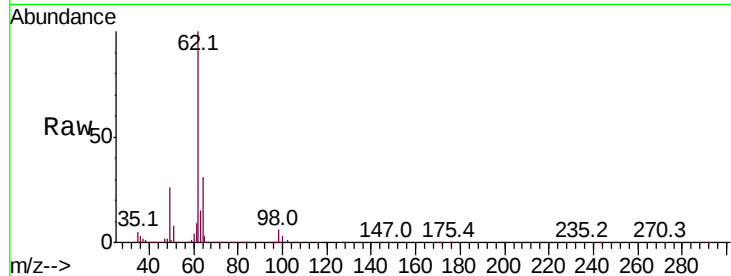
Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 62 Resp: 1711504

Ion	Ratio	Lower	Upper
62	100		
98	6.2	4.9	7.3



#38

Trichloroethene

Concen: 7.833 ppbv

RT: 7.85 min Scan# 1575

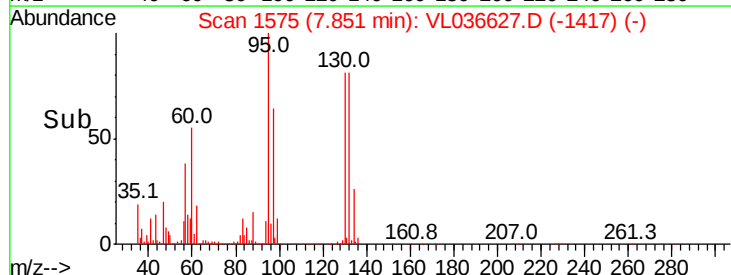
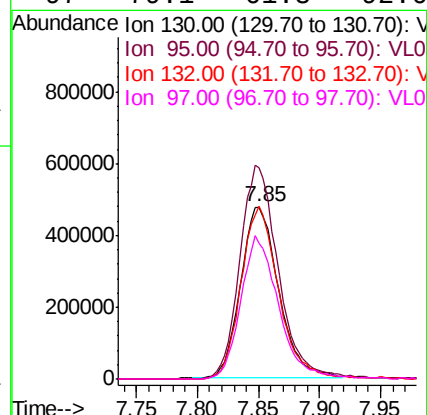
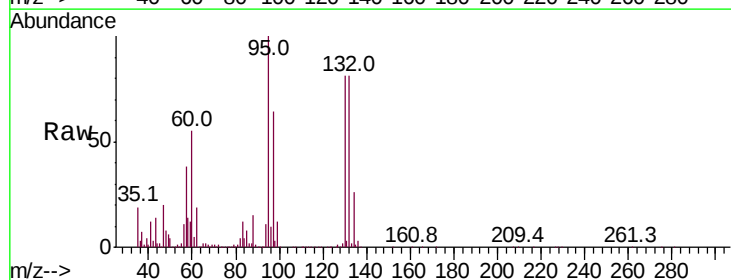
Delta R.T. 0.01 min

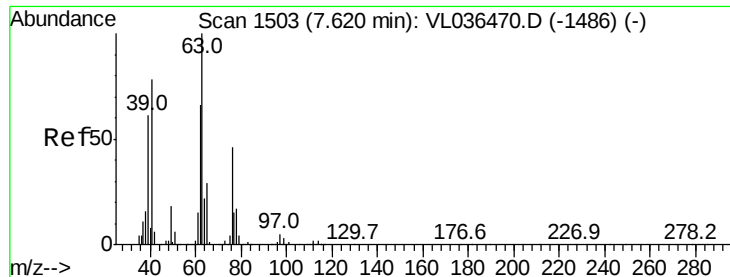
Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Tgt Ion: 130 Resp: 1030277

Ion	Ratio	Lower	Upper
130	100		
95	123.6	95.7	143.5
132	100.7	76.2	114.4
97	79.1	61.8	92.6





#39

1,2-Dichloropropane

Concen: 8.477 ppbv

RT: 7.63 min Scan# 1506

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

ClientSampleId :

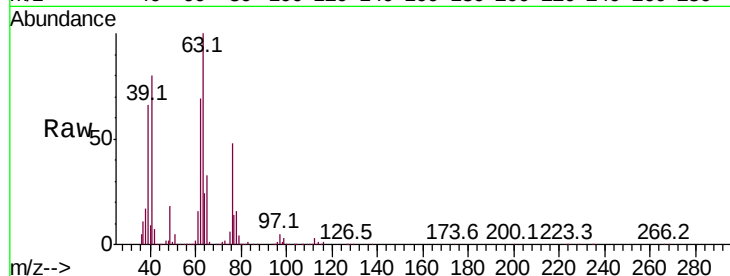
Tot Ion: 63 Resp: 1162242

Ion Ratio Lower Upper

63 100

41 79.6 62.4 93.6

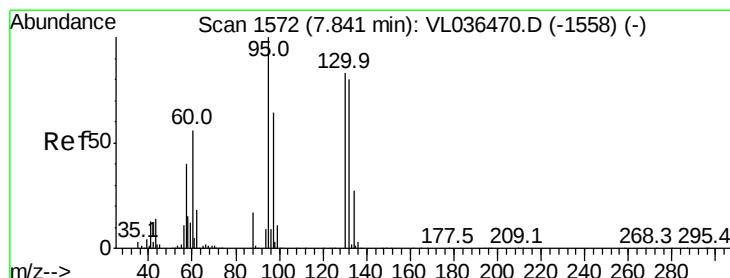
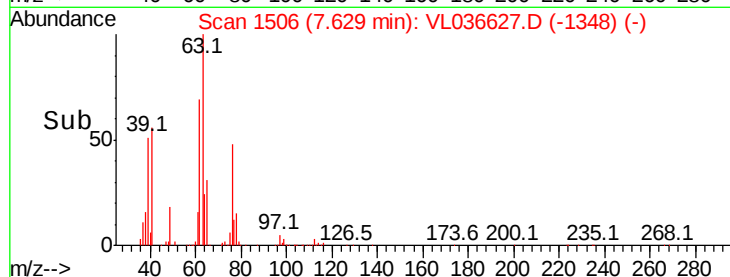
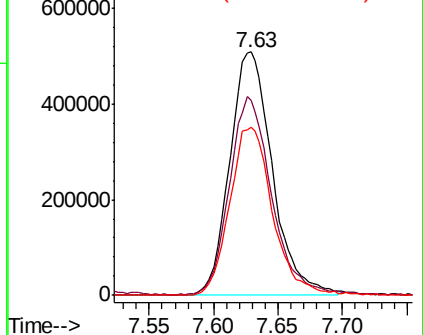
62 69.1 52.8 79.2



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 6.366 ppbv

RT: 7.85 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Tgt Ion: 88 Resp: 203126

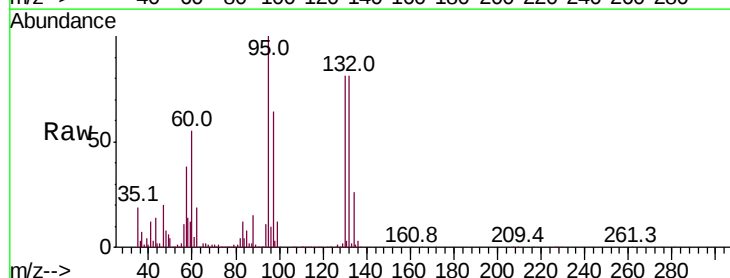
Ion Ratio Lower Upper

88 100

58 0.0 134.1 201.1#

43 0.0 346.6 520.0#

57 0.0 1481.8 2222.8#

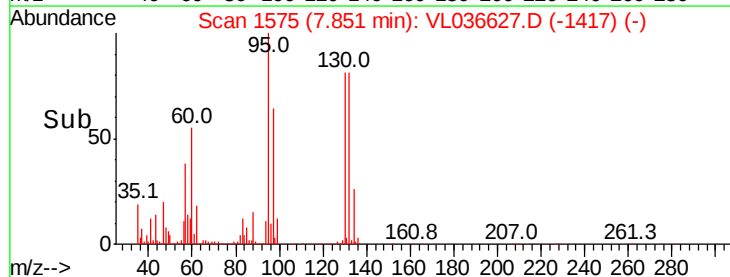
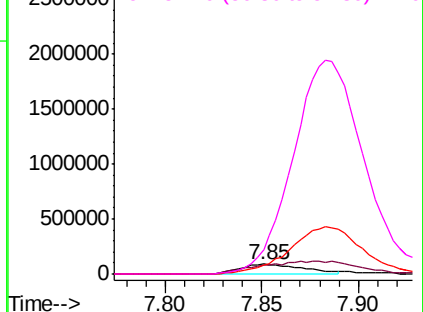


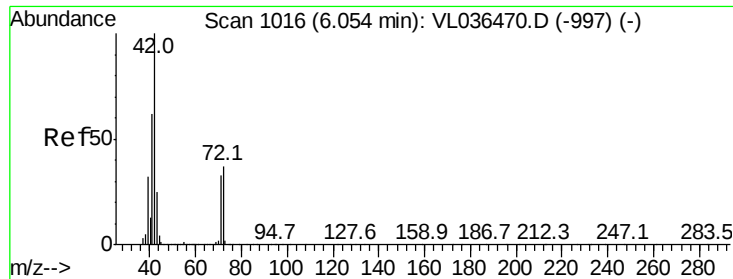
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 6.996 ppbv

RT: 6.07 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

ClientSampleId :

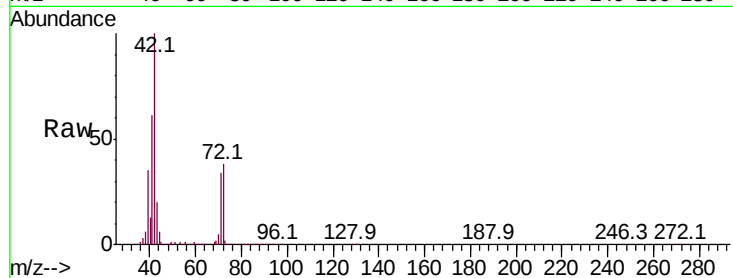
Tot Ion: 42 Resp: 577066

Ion Ratio Lower Upper

42 100

72 37.1 27.6 41.4

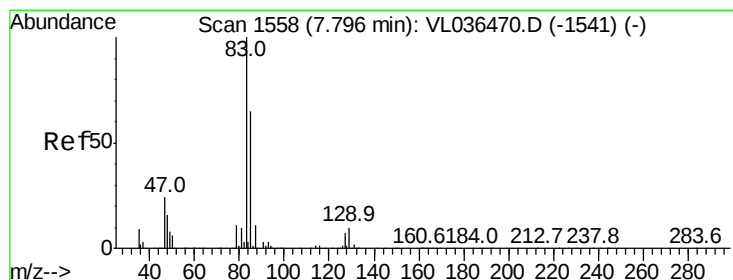
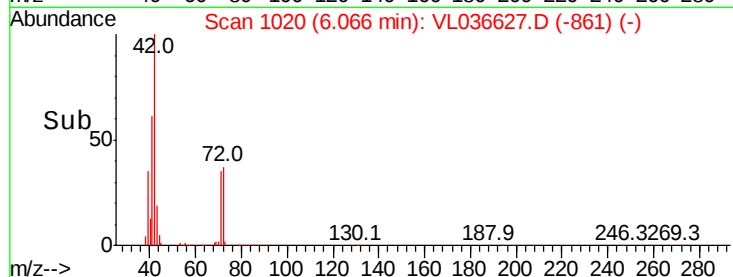
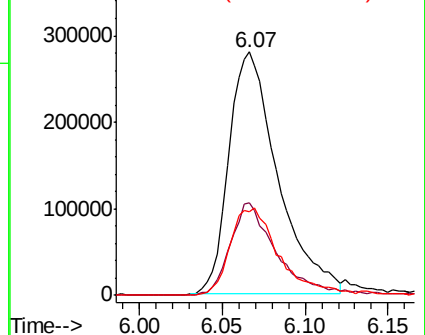
71 37.0 27.0 40.4



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 8.978 ppbv

RT: 7.81 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

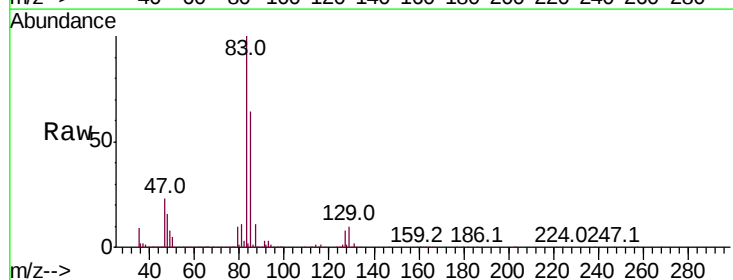
Tgt Ion: 83 Resp: 2429228

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6

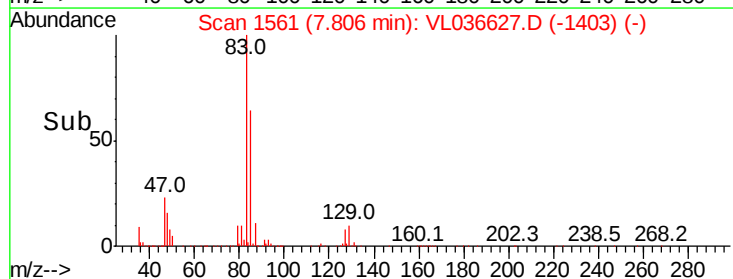
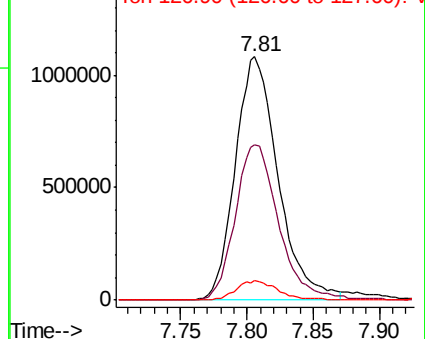
127 7.9 5.8 8.8

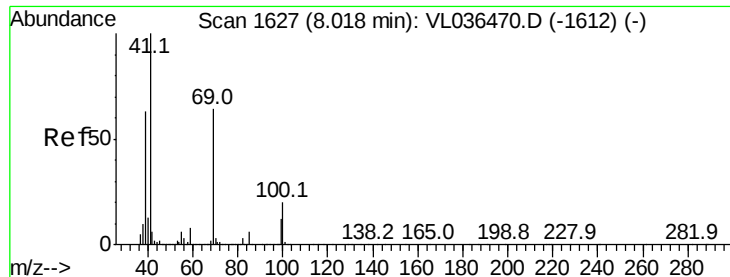


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 9.859 ppbv

RT: 8.03 min Scan# 1630

Delta R.T. 0.01 min

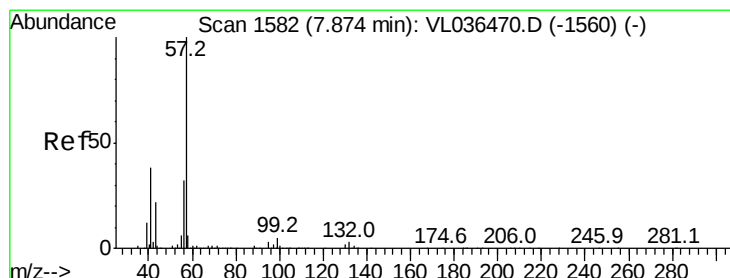
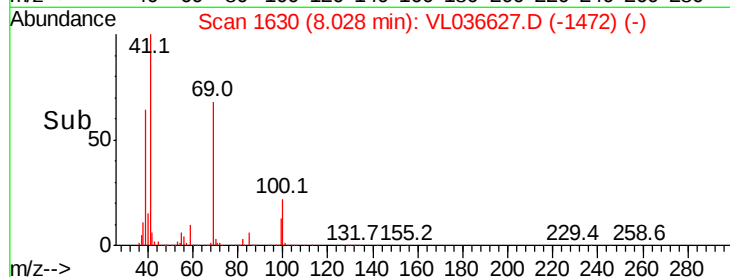
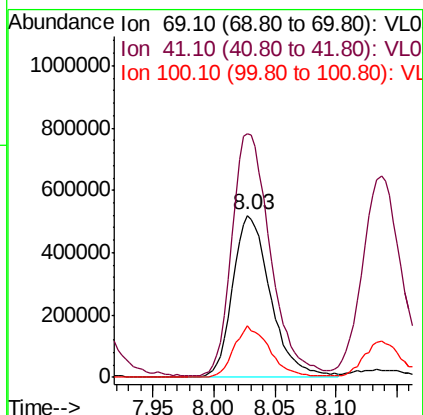
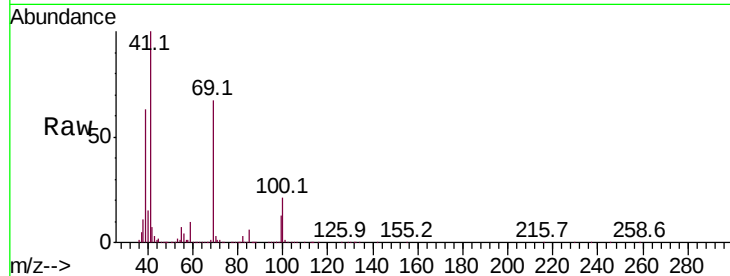
Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 69 Resp: 1118975

Ion	Ratio	Lower	Upper
69	100		
41	154.0	126.8	190.2
100	30.4	24.9	37.3



#44

2,2,4-Trimethylpentane

Concen: 8.440 ppbv

RT: 7.88 min Scan# 1585

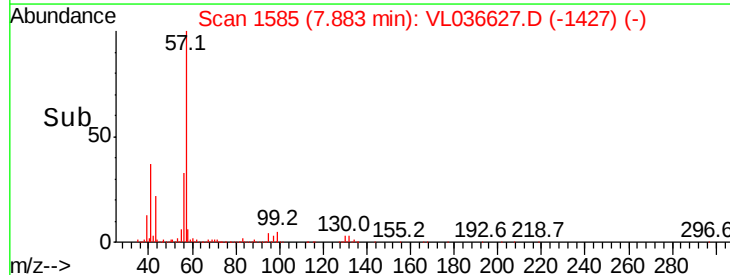
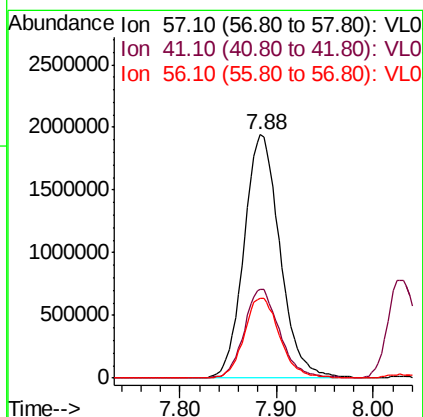
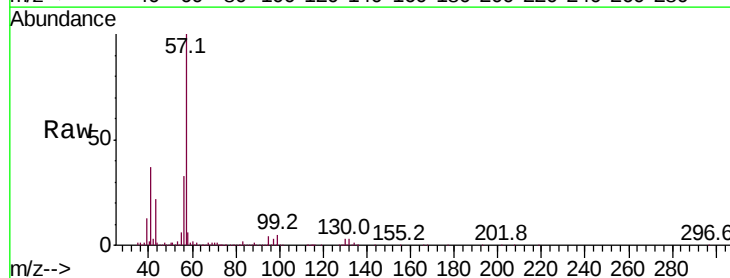
Delta R.T. 0.01 min

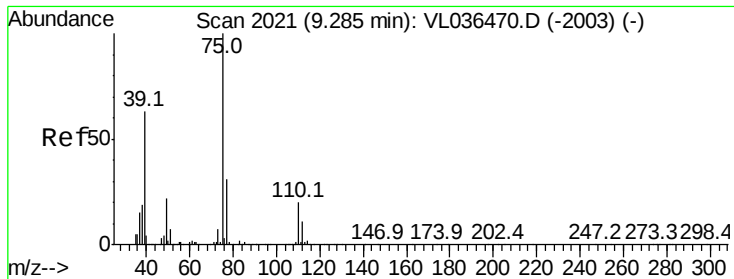
Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Tgt Ion: 57 Resp: 5020645

Ion	Ratio	Lower	Upper
57	100		
41	35.9	28.8	43.2
56	32.7	26.1	39.1





#45

t-1,3-Dichloropropene

Concen: 7.591 ppbv

RT: 9.29 min Scan# 2024

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

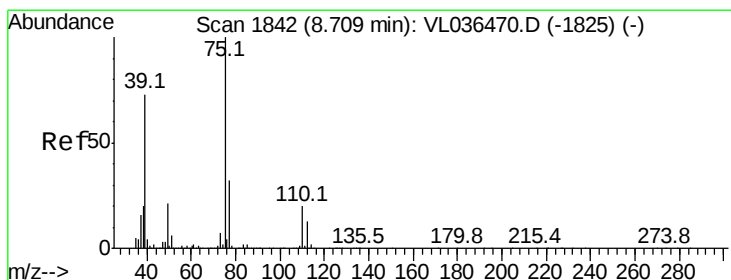
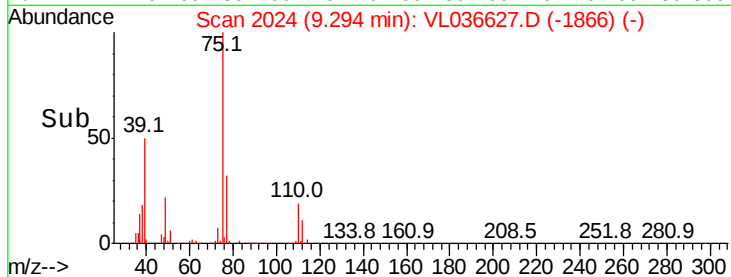
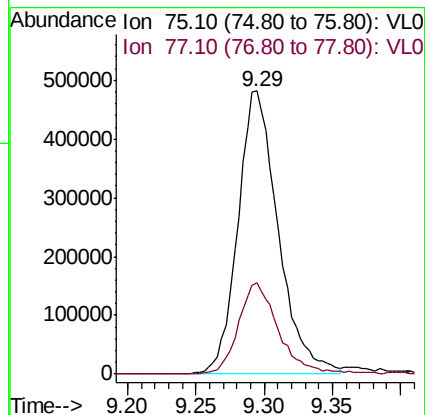
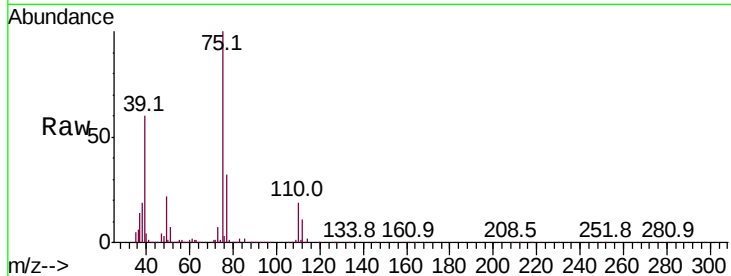
ClientSampleId :

Tot Ion: 75 Resp: 983722

Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7



#46

cis-1,3-Dichloropropene

Concen: 7.801 ppbv

RT: 8.72 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

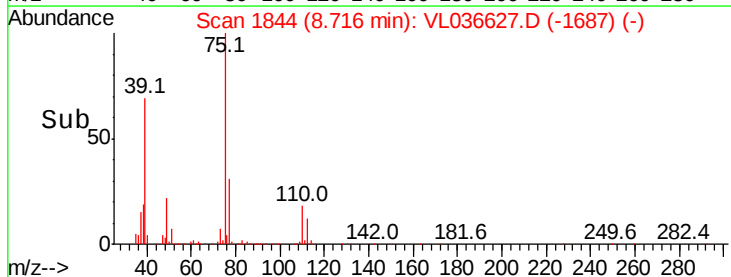
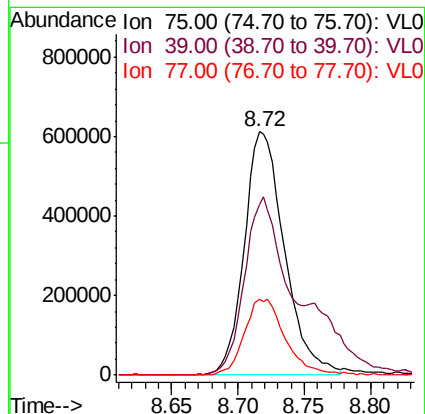
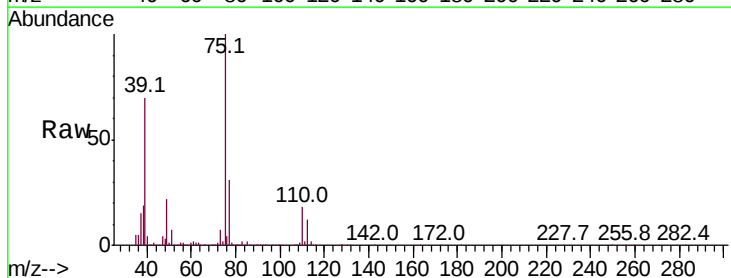
Tgt Ion: 75 Resp: 1292297

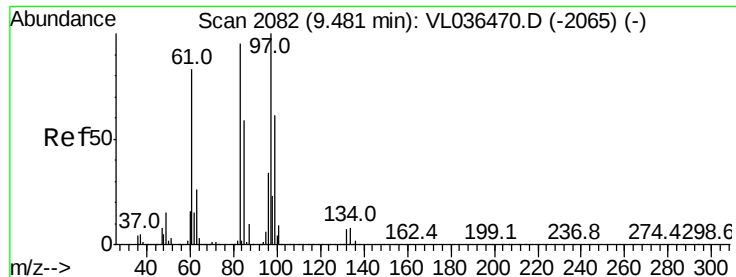
Ion Ratio Lower Upper

75 100

39 69.7 58.2 87.2

77 31.1 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 8.577 ppbv

RT: 9.49 min Scan# 2085

Delta R.T. 0.01 min

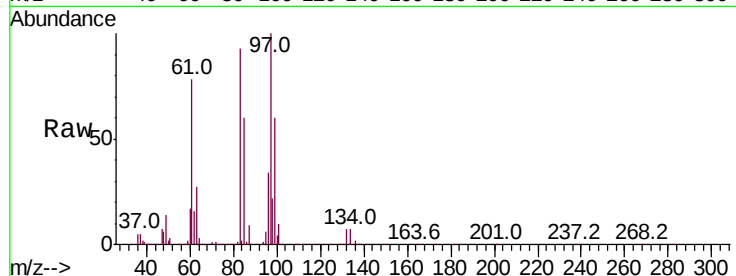
Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 97 Resp: 1191084

Ion	Ratio	Lower	Upper
97	100		
83	92.9	75.8	113.8
85	60.4	47.1	70.7
99	60.3	49.2	73.8



Abundance

Ion 97.00 (96.70 to 97.70): VL0

800000

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

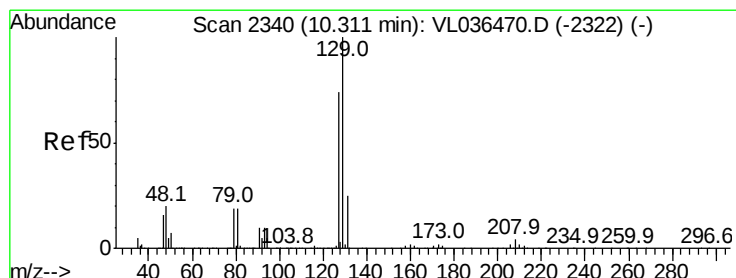
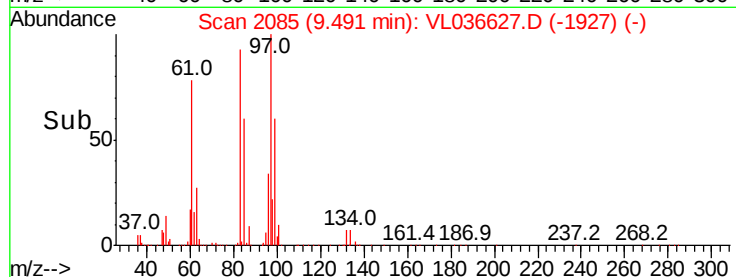
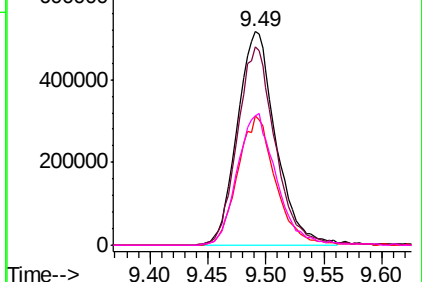
Ion 99.00 (98.70 to 99.70): VL0

600000

400000

200000

0



#48

Dibromochloromethane

Concen: 9.254 ppbv

RT: 10.32 min Scan# 2344

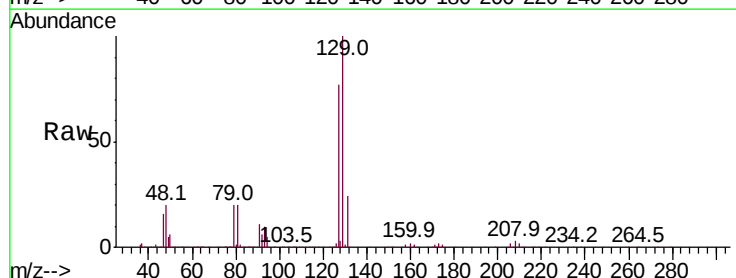
Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Tgt Ion: 129 Resp: 1958950

Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.6	118.8



Abundance

Ion 129.00 (128.70 to 129.70): V

1000000

Ion 127.00 (126.70 to 127.70): V

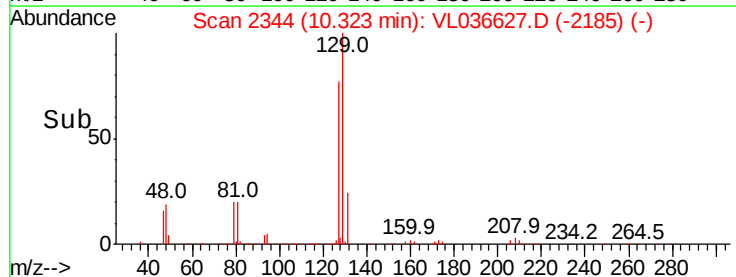
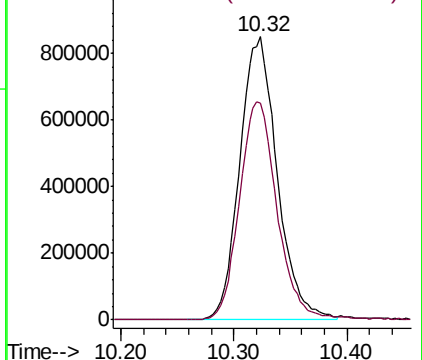
800000

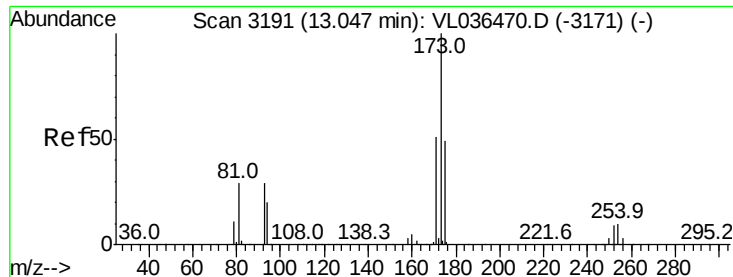
600000

400000

200000

0





#49

Bromoform

Concen: 9.266 ppbv

RT: 13.06 min Scan# 3195

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

ClientSampleId :

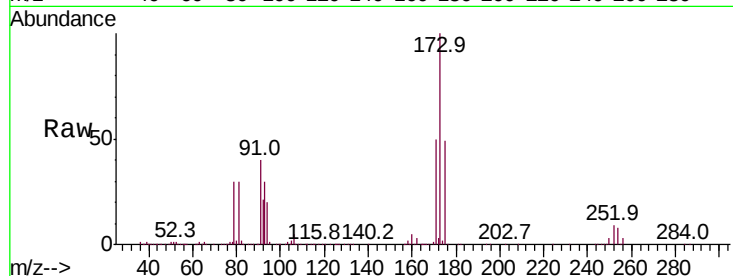
Tot Ion:173 Resp: 1580485

Ion Ratio Lower Upper

173 100

175 51.1 39.6 59.4

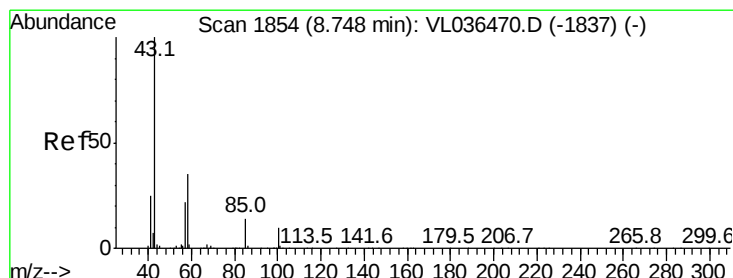
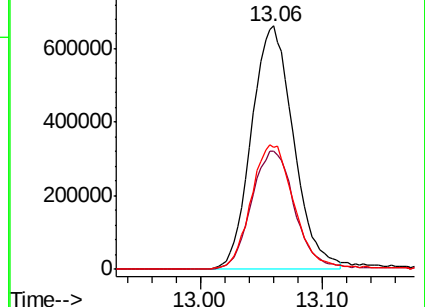
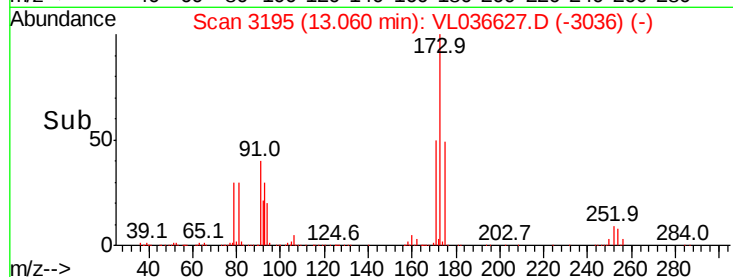
171 53.3 41.4 62.0



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 8.219 ppbv

RT: 8.76 min Scan# 1858

Delta R.T. 0.01 min

Lab File: VL036627.D

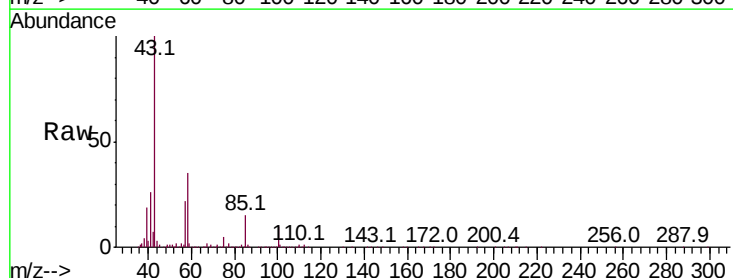
Acq: 1 Apr 2021 8:52

Tgt Ion: 43 Resp: 2127352

Ion Ratio Lower Upper

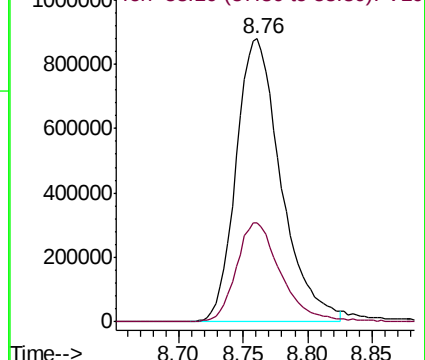
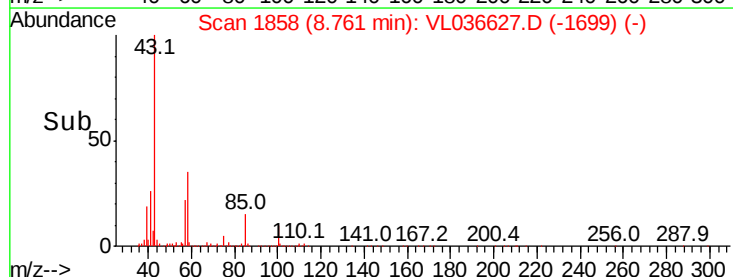
43 100

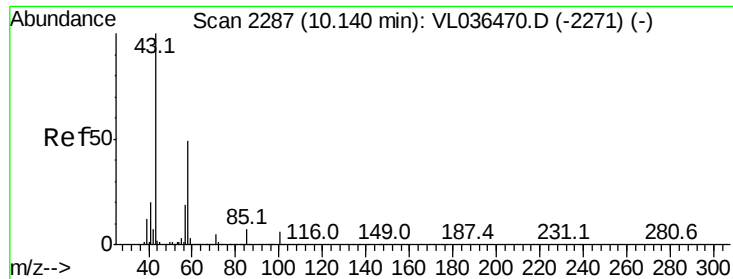
58 35.2 28.2 42.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

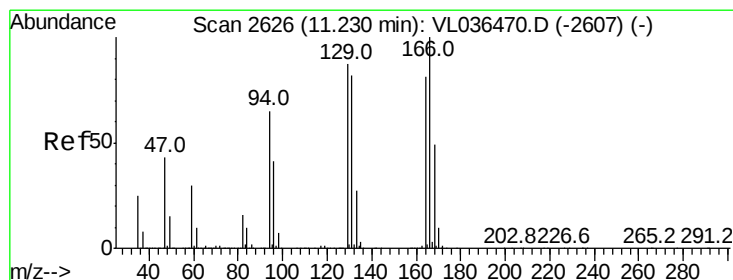
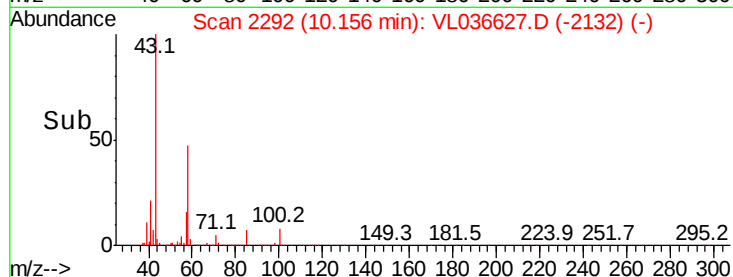
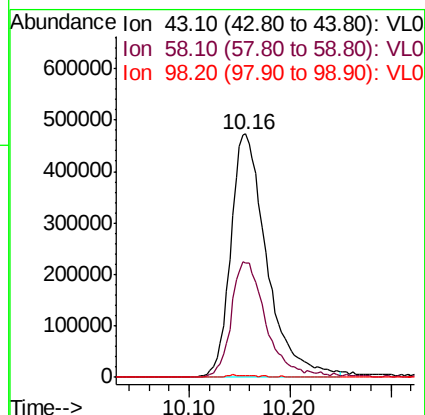
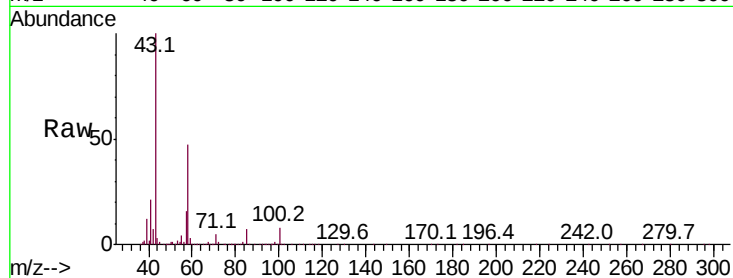




#51
2-Hexanone
Concen: 8.986 ppbv
RT: 10.16 min Scan# 2292
Delta R.T. 0.02 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

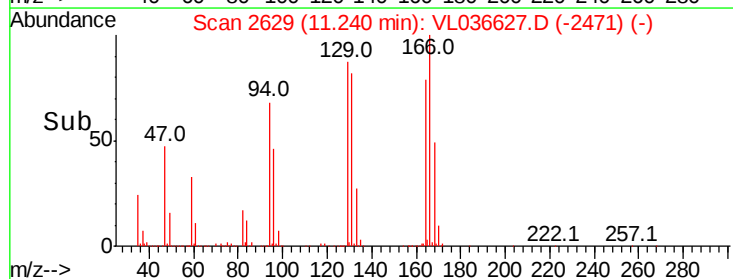
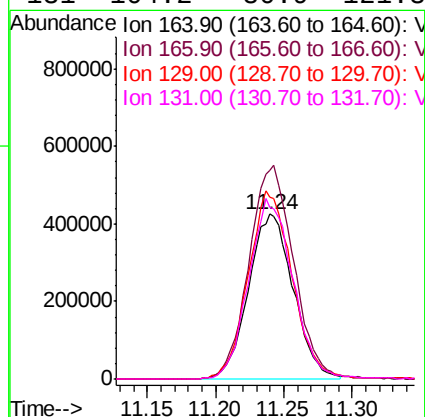
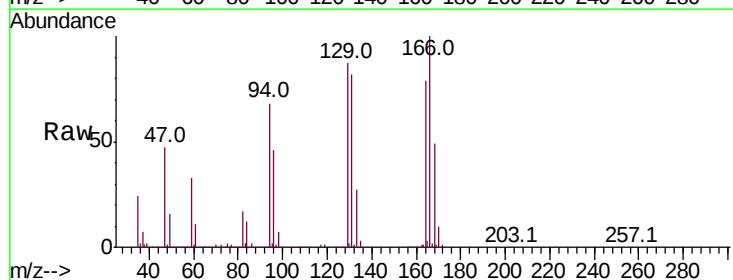
Instrument :
MSVOA_L
ClientSampleId :

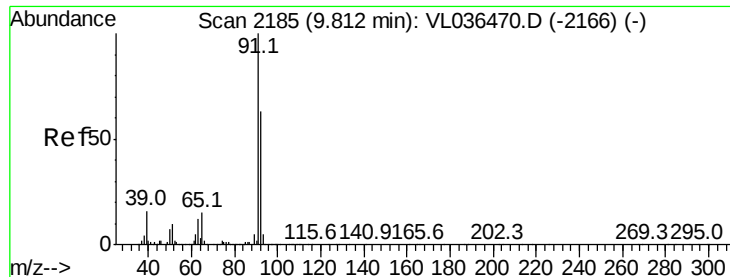
Tot Ion: 43 Resp: 1173726
Ion Ratio Lower Upper
43 100
58 46.8 37.7 56.5
98 0.9 0.2 0.2#



#52
Tetrachloroethene
Concen: 7.798 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

Tgt Ion: 164 Resp: 970522
Ion Ratio Lower Upper
164 100
166 126.5 98.3 147.5
129 110.0 85.8 128.8
131 104.2 80.9 121.3





#53

Toluene

Concen: 9.044 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

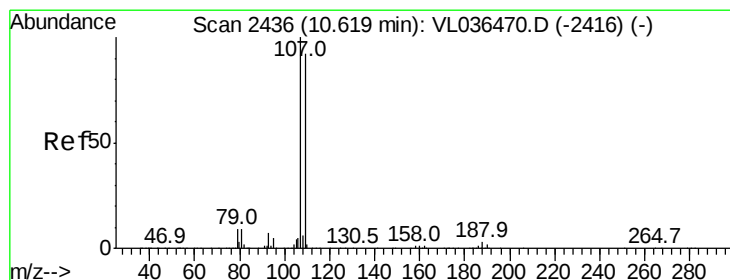
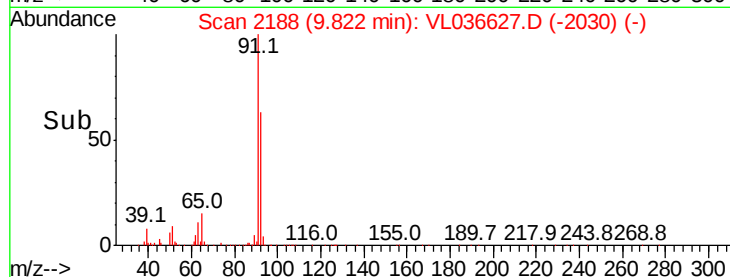
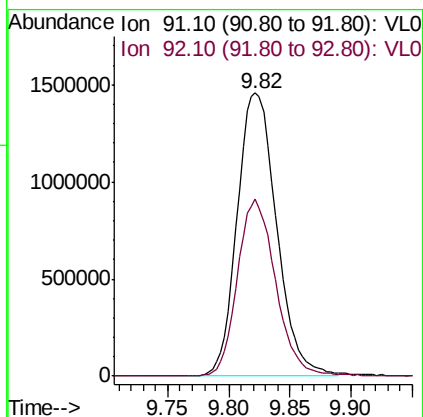
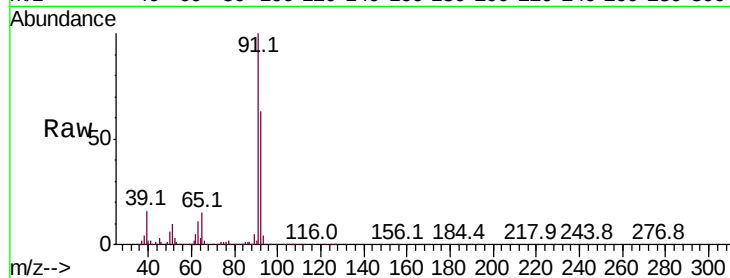
ClientSampleId :

Tot Ion: 91 Resp: 3255096

Ion Ratio Lower Upper

91 100

92 61.1 48.8 73.2



#54

1,2-Dibromoethane

Concen: 8.469 ppbv

RT: 10.63 min Scan# 2438

Delta R.T. 0.01 min

Lab File: VL036627.D

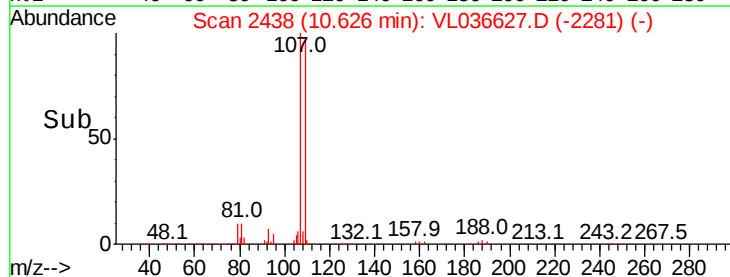
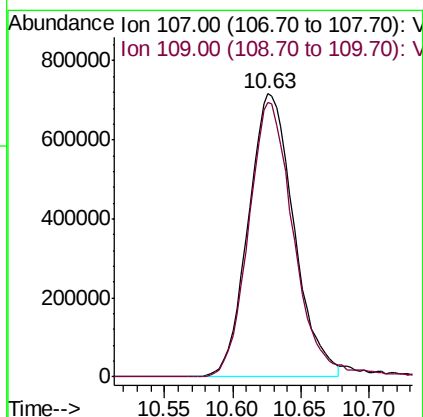
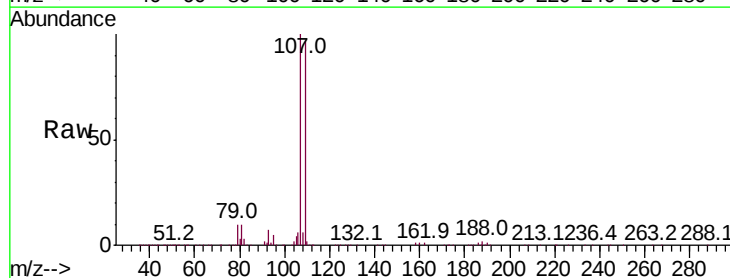
Acq: 1 Apr 2021 8:52

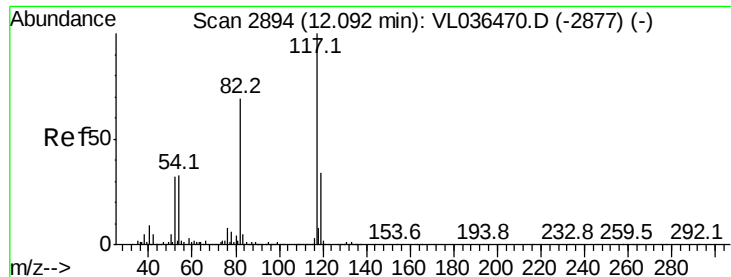
Tgt Ion: 107 Resp: 1660891

Ion Ratio Lower Upper

107 100

109 96.9 73.9 110.9

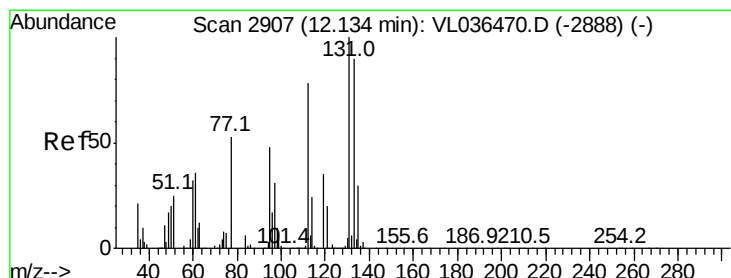
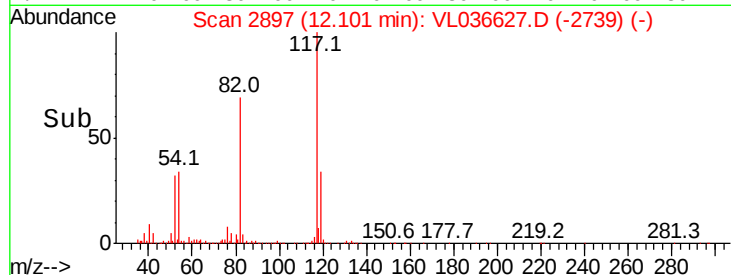
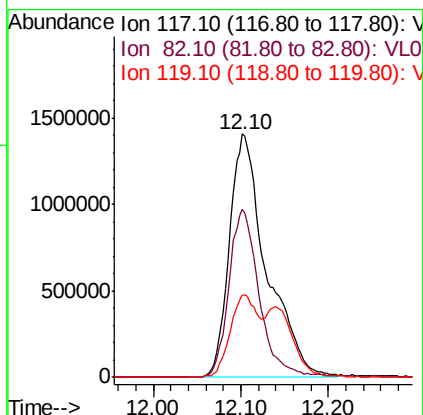
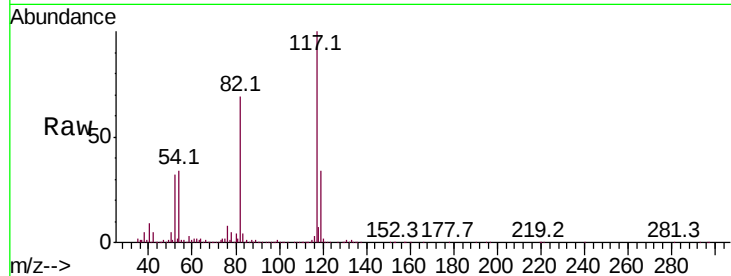




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

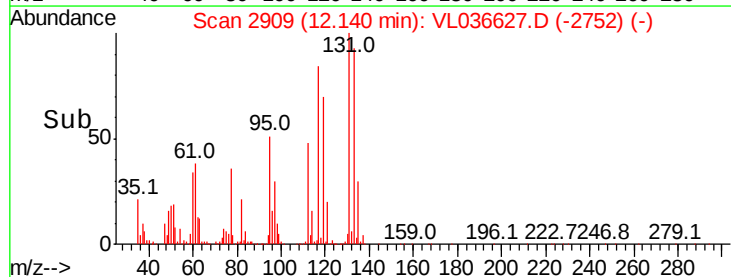
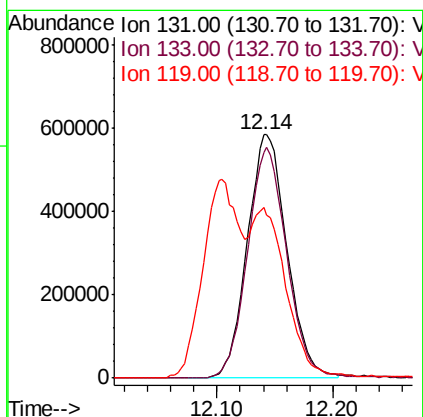
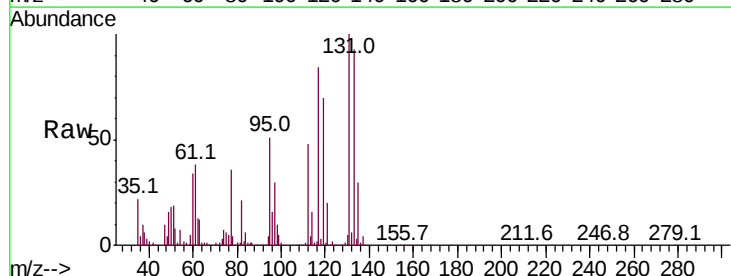
Instrument :
MSVOA_L
ClientSampleId :

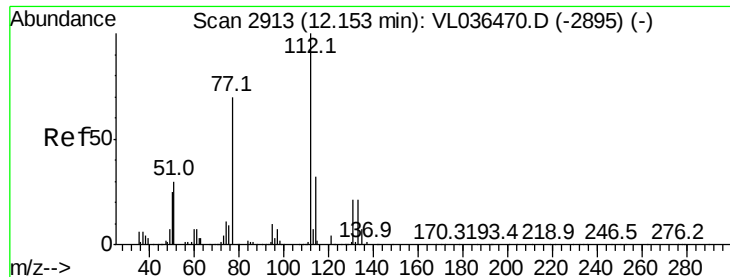
Tot Ion:117 Resp: 4155568
Ion Ratio Lower Upper
117 100
82 56.7 57.4 86.0#
119 25.3 47.4 71.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.378 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

Tgt Ion:131 Resp: 1386781
Ion Ratio Lower Upper
131 100
133 94.5 75.8 113.6
119 63.6 48.7 73.1

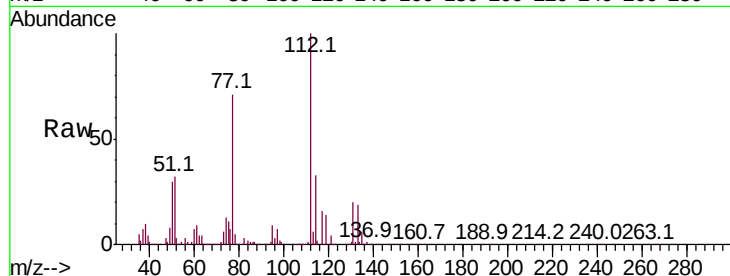




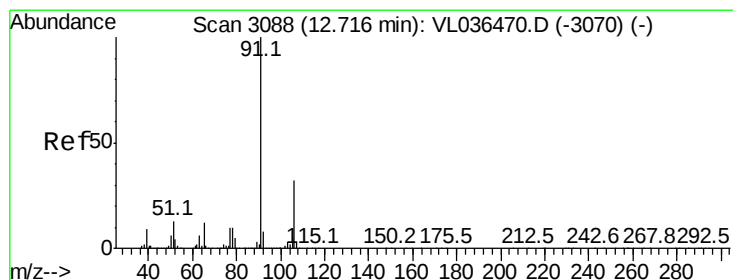
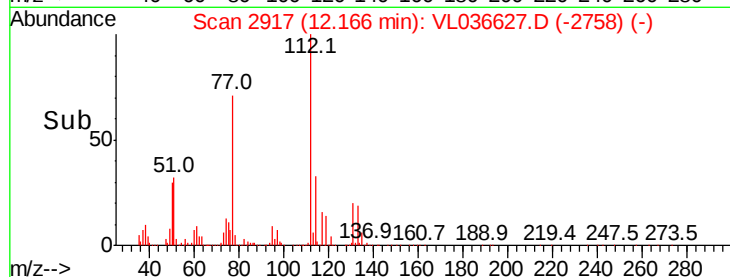
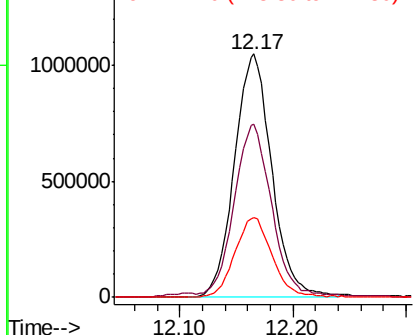
#57
Chlorobenzene
Concen: 6.811 ppbv
RT: 12.17 min Scan# 2917
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:112 Resp: 2408105
Ion Ratio Lower Upper
112 100
77 70.0 56.0 84.0
114 32.5 29.0 35.4

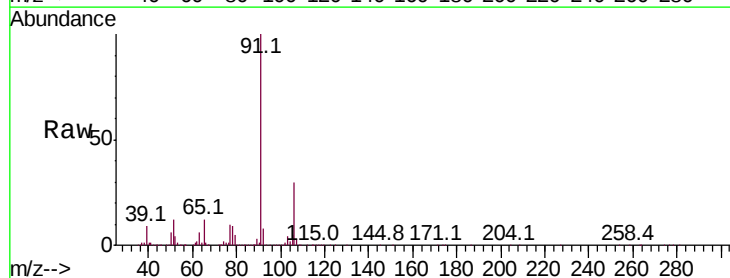


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

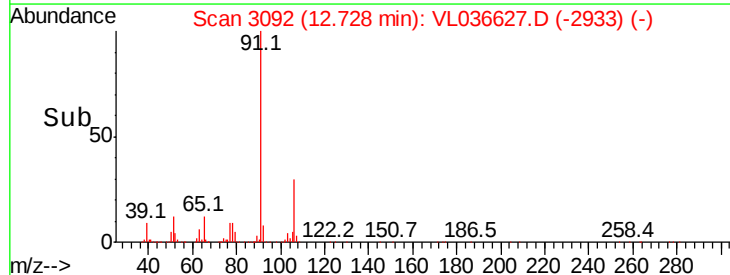
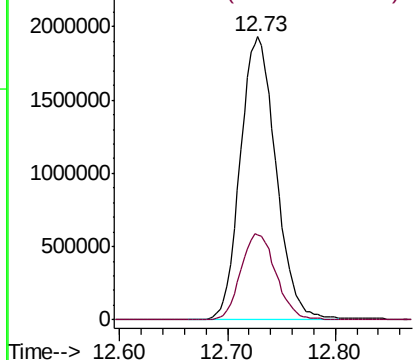


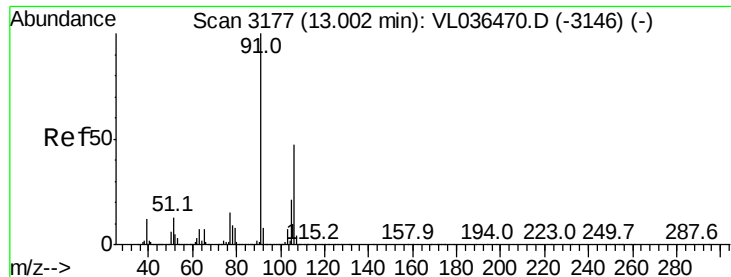
#58
Ethyl Benzene
Concen: 7.342 ppbv
RT: 12.73 min Scan# 3092
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

Tgt Ion: 91 Resp: 4438894
Ion Ratio Lower Upper
91 100
106 30.0 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

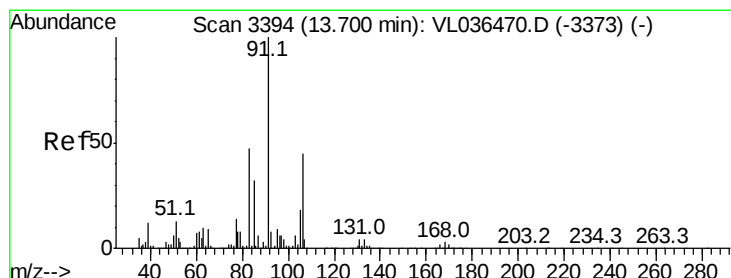
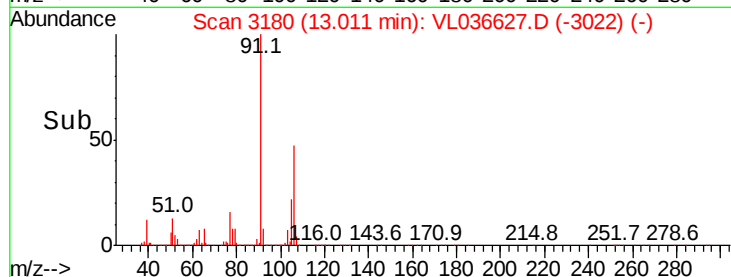
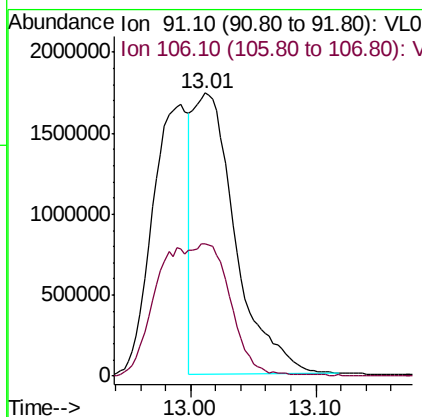
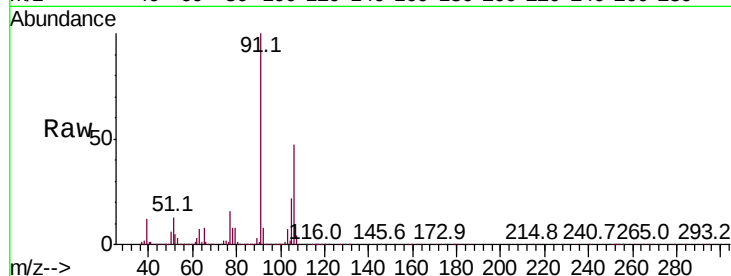




#59
m/p-Xylene
Concen: 7.733 ppbv
RT: 13.01 min Scan# 3180
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

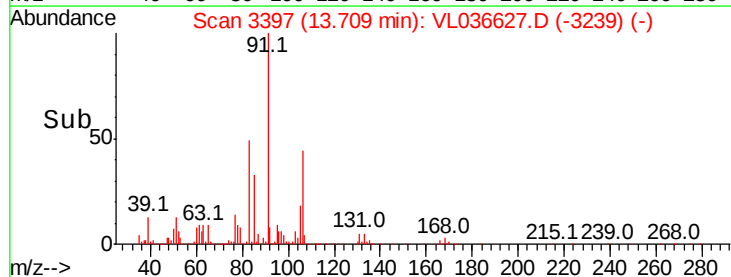
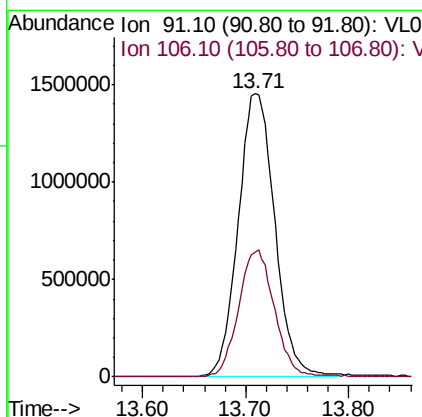
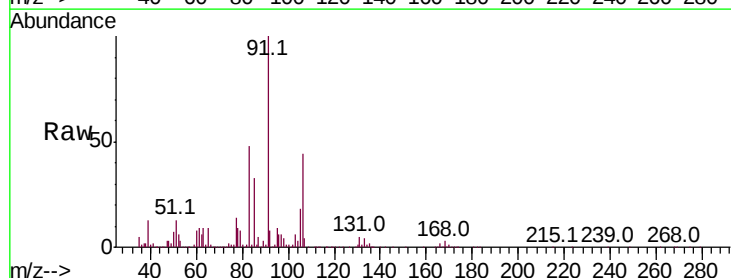
Instrument :
MSVOA_L
ClientSampleId :

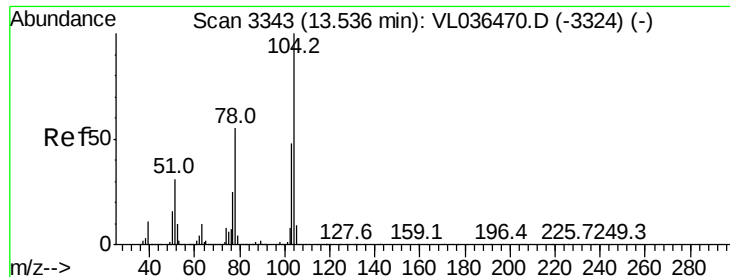
Tot Ion: 91 Resp: 4077757
Ion Ratio Lower Upper
91 100
106 80.8 35.3 52.9#



#60
o-Xylene
Concen: 7.007 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

Tgt Ion: 91 Resp: 3572554
Ion Ratio Lower Upper
91 100
106 44.3 22.3 66.9

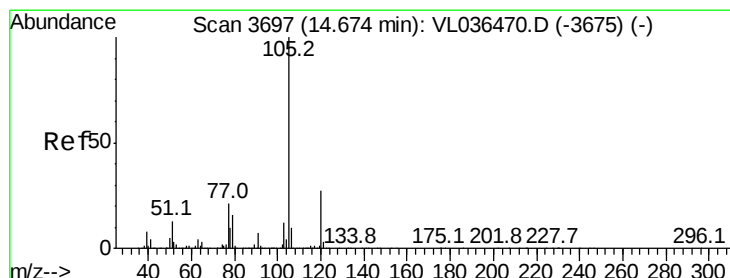
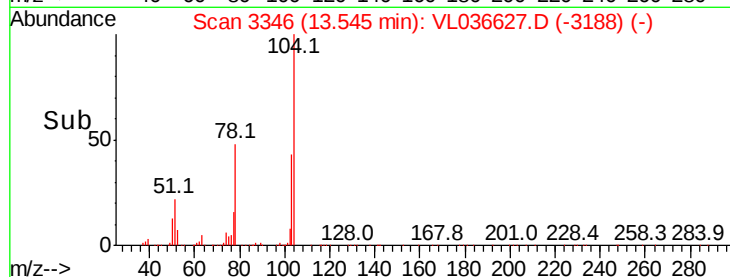
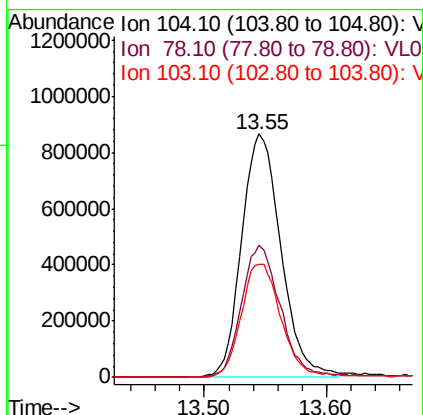
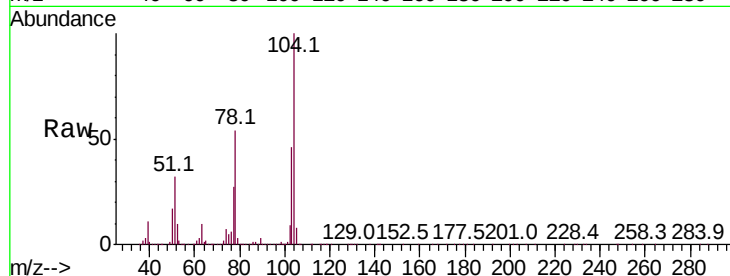




#61
Stvrene
Concen: 7.511 ppbv
RT: 13.55 min Scan# 3346
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

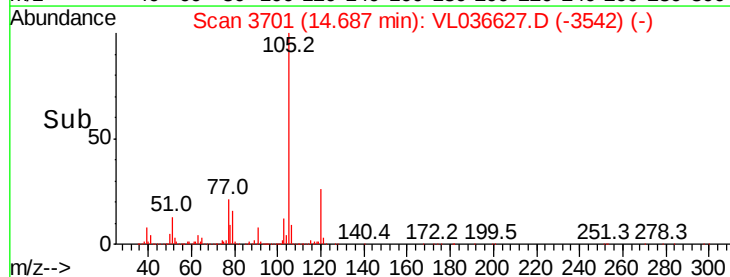
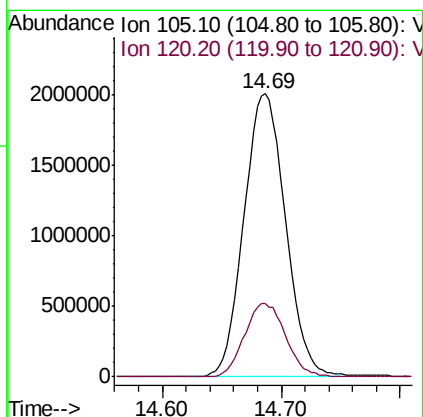
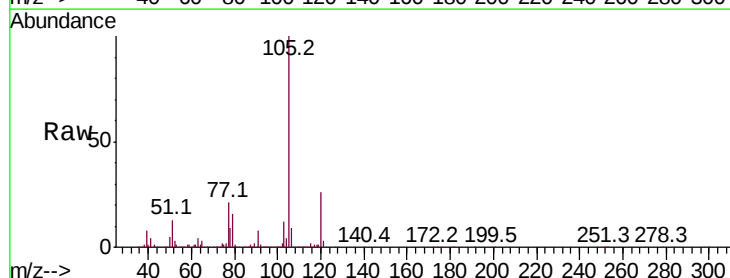
Instrument :
MSVOA_L
ClientSampleId :

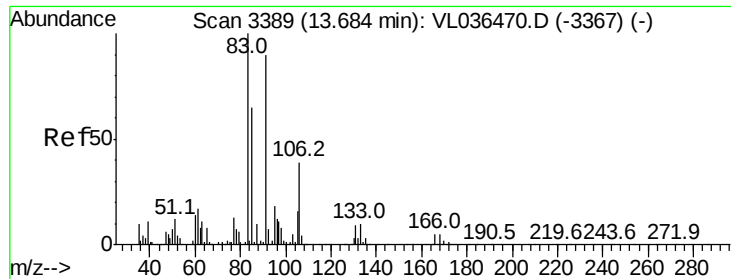
Tot Ion:104 Resp: 1926569
Ion Ratio Lower Upper
104 100
78 54.1 43.8 65.8
103 47.8 38.3 57.5



#62
Isopropylbenzene
Concen: 7.075 ppbv
RT: 14.69 min Scan# 3701
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

Tgt Ion:105 Resp: 4857866
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0

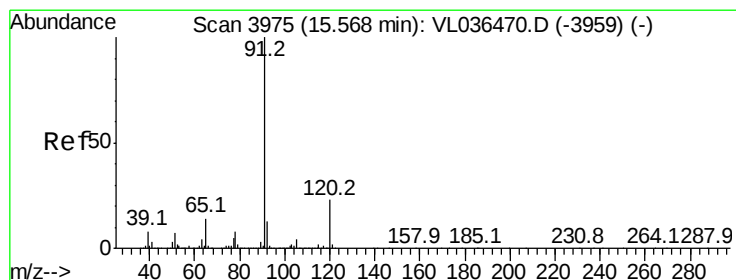
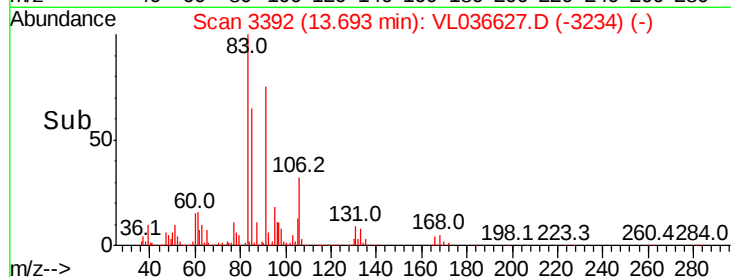
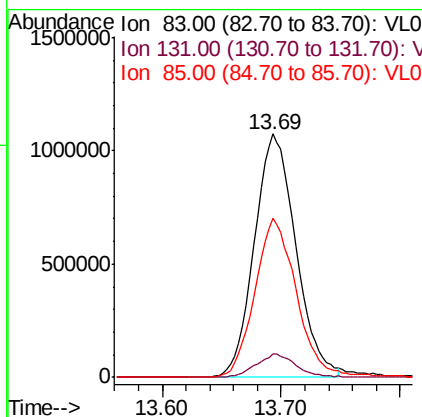
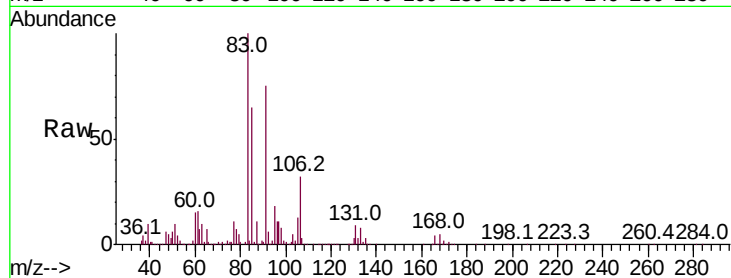




#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.659 ppbv
 RT: 13.69 min Scan# 3392
 Delta R.T. 0.01 min
 Lab File: VL036627.D
 Acq: 1 Apr 2021 8:52

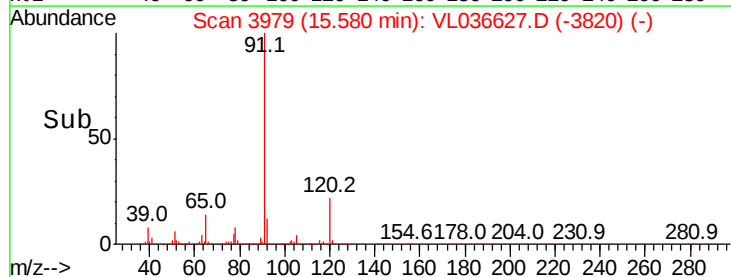
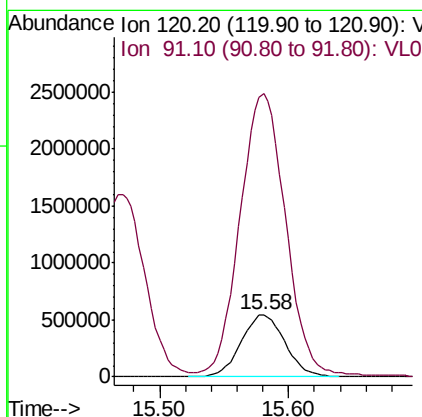
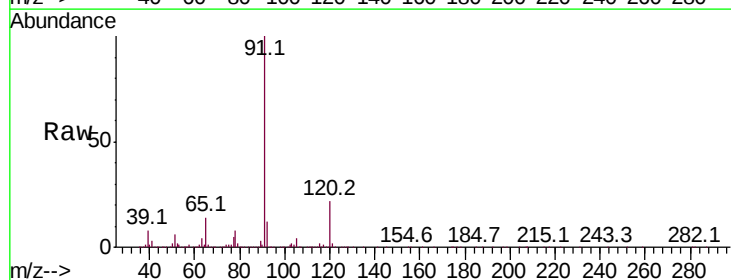
Instrument :
 MSVOA_L
 ClientSampleId :

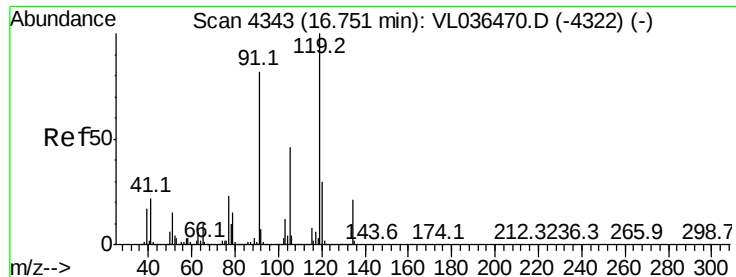
Tot Ion: 83 Resp: 2590180
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.7 14.0
 85 66.2 33.1 99.3



#64
 n-propylbenzene
 Concen: 7.654 ppbv
 RT: 15.58 min Scan# 3979
 Delta R.T. 0.01 min
 Lab File: VL036627.D
 Acq: 1 Apr 2021 8:52

Tgt Ion: 120 Resp: 1284854
 Ion Ratio Lower Upper
 120 100
 91 481.7 377.4 566.2

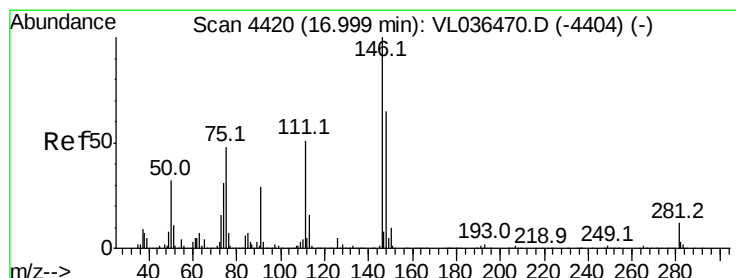
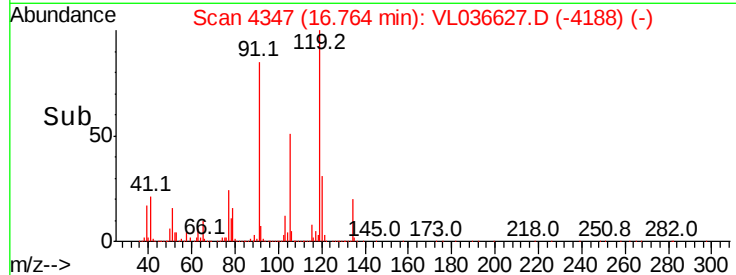
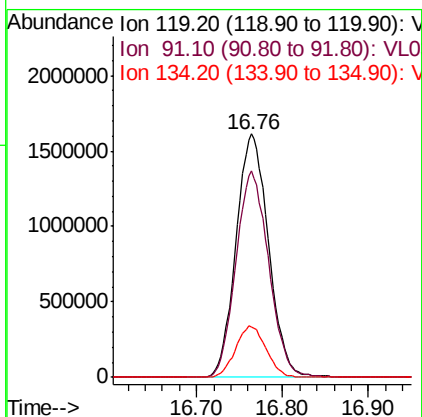
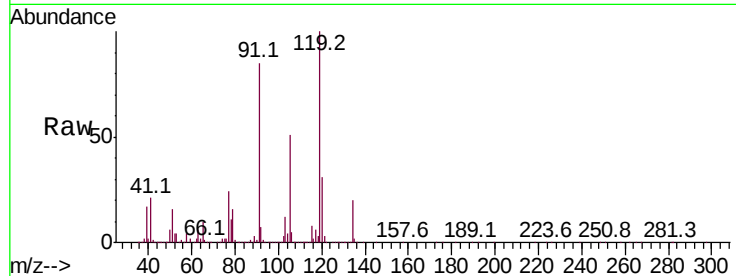




#65
tert-Butylbenzene
Concen: 7.092 ppbv
RT: 16.76 min Scan# 4347
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

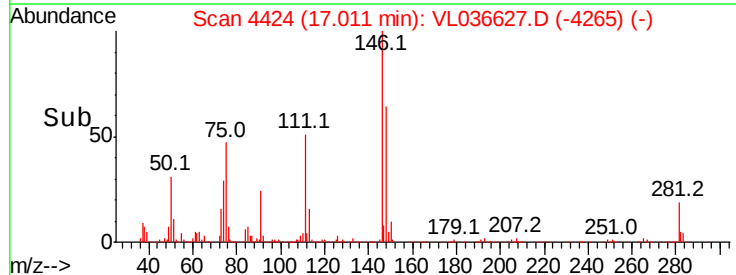
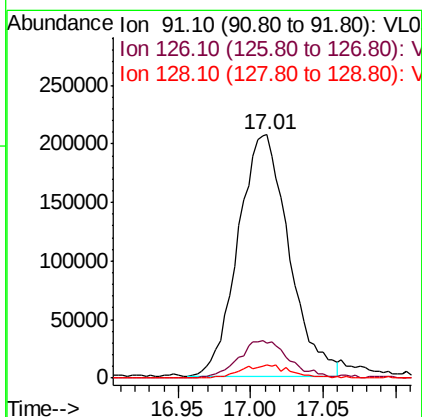
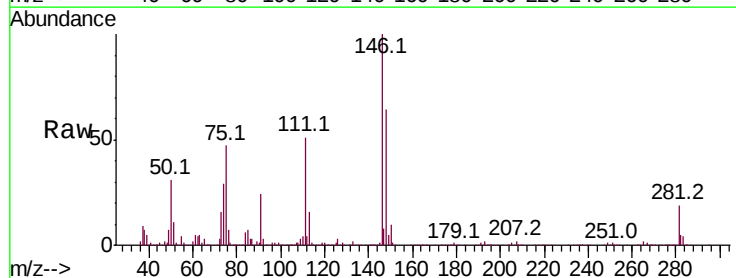
Instrument :
MSVOA_L
ClientSampleId :

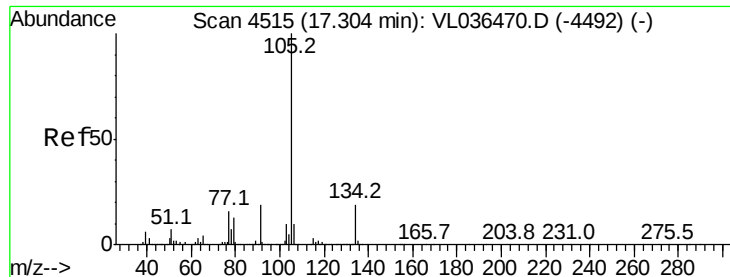
Tot Ion: 119 Resp: 4222362
Ion Ratio Lower Upper
119 100
91 86.1 67.5 101.3
134 20.0 15.8 23.8



#66
Benzyl Chloride
Concen: 7.626 ppbv
RT: 17.01 min Scan# 4424
Delta R.T. 0.01 min
Lab File: VL036627.D
Acq: 1 Apr 2021 8:52

Tgt Ion: 91 Resp: 501882
Ion Ratio Lower Upper
91 100
126 16.7 13.5 20.3
128 5.5 4.2 6.4

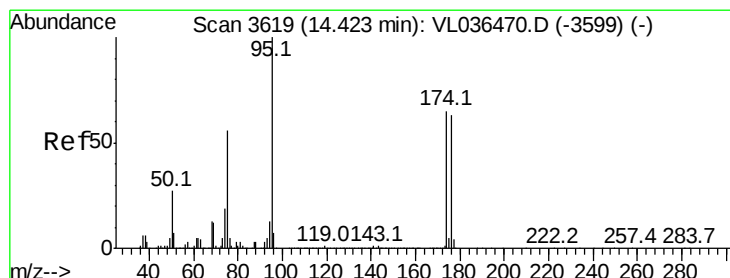
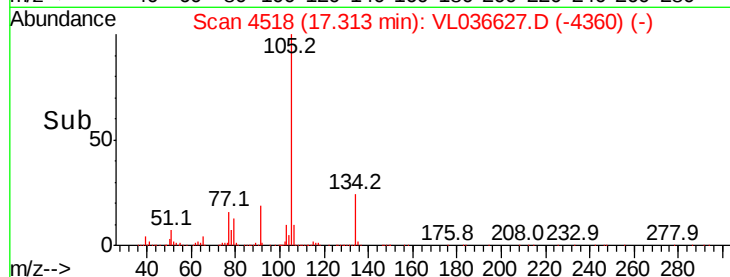
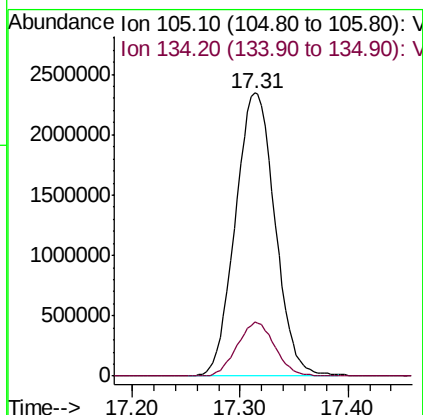
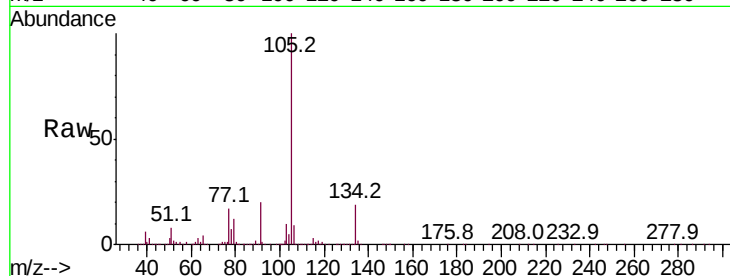




#67
 sec-Butylbenzene
 Concen: 7.125 ppbv
 RT: 17.31 min Scan# 4518
 Delta R.T. 0.01 min
 Lab File: VL036627.D
 Acq: 1 Apr 2021 8:52

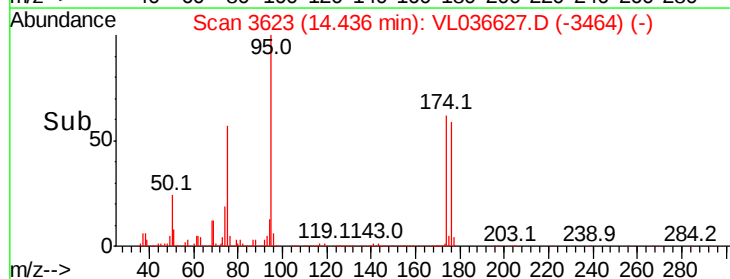
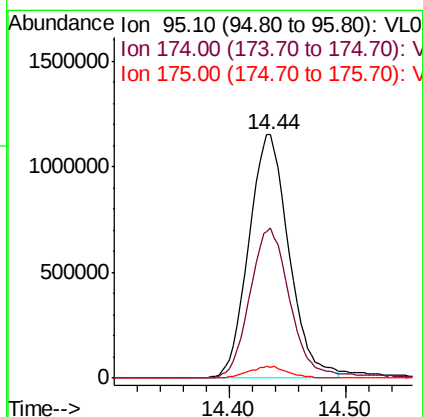
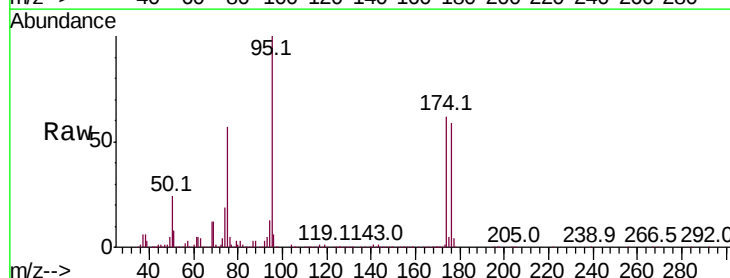
Instrument :
 MSVOA_L
 ClientSampleId :

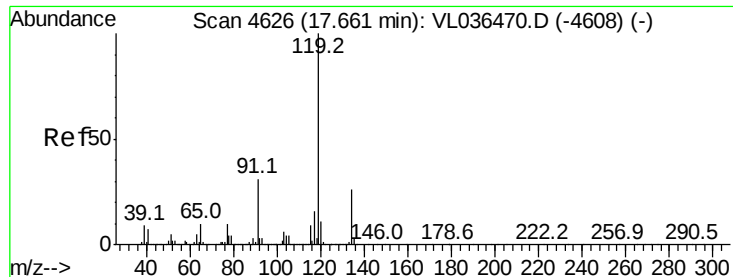
Tot Ion:105 Resp: 5988297
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.7 22.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.364 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T. 0.01 min
 Lab File: VL036627.D
 Acq: 1 Apr 2021 8:52

Tgt Ion: 95 Resp: 2770117
 Ion Ratio Lower Upper
 95 100
 174 63.4 51.0 76.6
 175 4.8 3.9 5.9

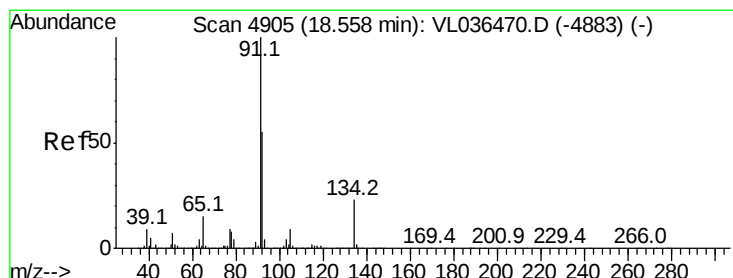
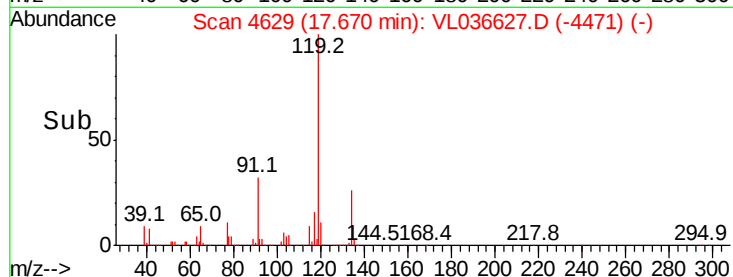
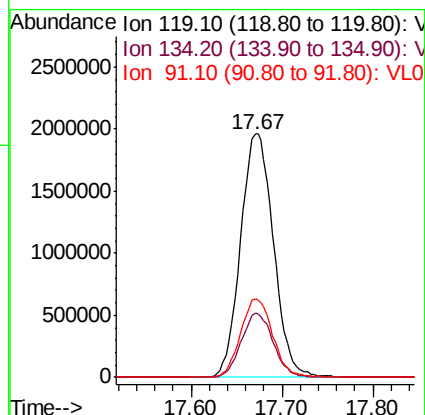
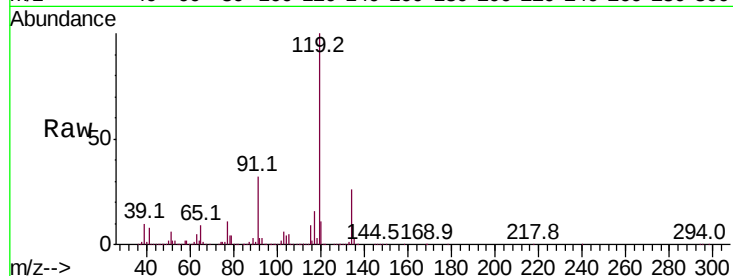




#69
 p-Isopropyltoluene
 Concen: 7.507 ppbv
 RT: 17.67 min Scan# 4629
 Delta R.T. 0.01 min
 Lab File: VL036627.D
 Acq: 1 Apr 2021 8:52

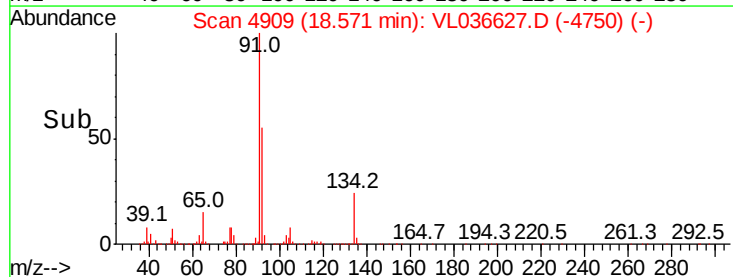
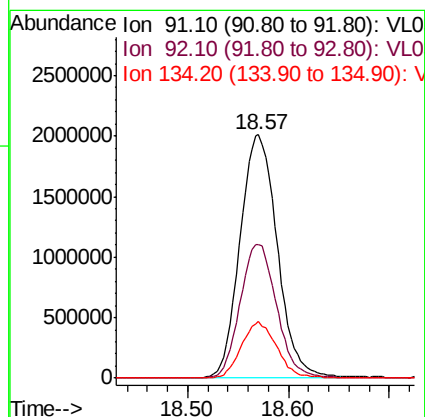
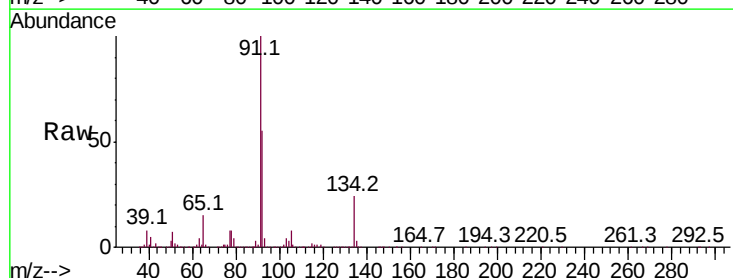
Instrument :
 MSVOA_L
 ClientSampled :

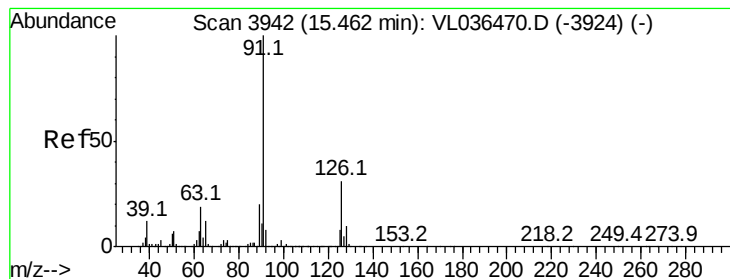
Tot Ion:119 Resp: 4926775
 Ion Ratio Lower Upper
 119 100
 134 25.6 20.6 30.8
 91 31.4 25.0 37.6



#70
 n-Butylbenzene
 Concen: 7.584 ppbv
 RT: 18.57 min Scan# 4909
 Delta R.T. 0.01 min
 Lab File: VL036627.D
 Acq: 1 Apr 2021 8:52

Tgt Ion: 91 Resp: 5160785
 Ion Ratio Lower Upper
 91 100
 92 54.3 43.8 65.8
 134 22.1 18.0 27.0





#71

2-Chlorotoluene

Concen: 7.450 ppbv

RT: 15.47 min Scan# 3945

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

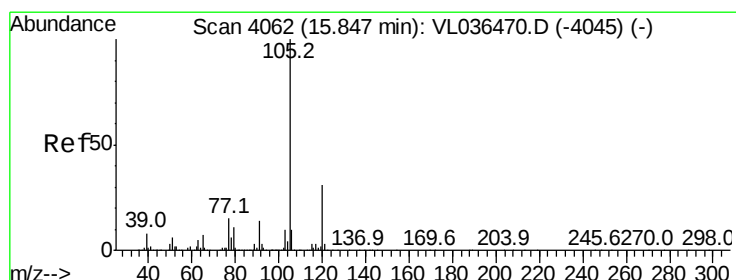
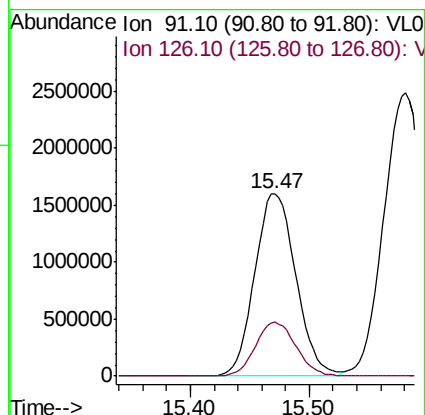
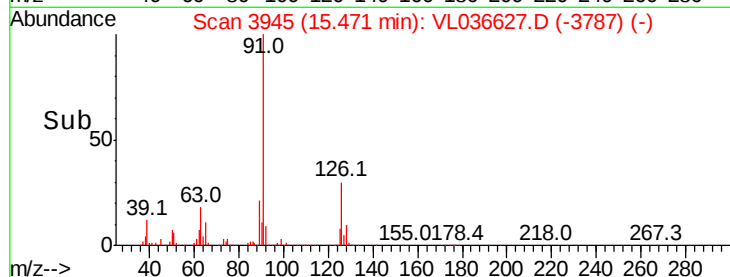
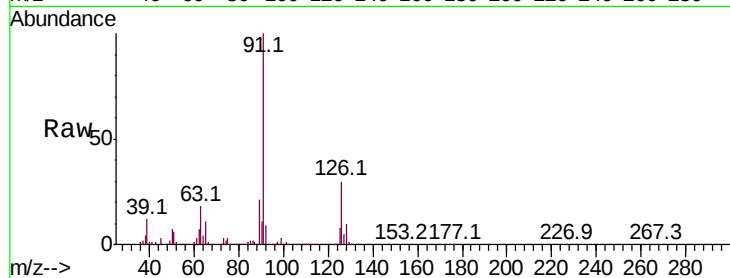
ClientSampled :

Tot Ion: 91 Resp: 3833028

Ion Ratio Lower Upper

91 100

126 29.5 12.1 48.5



#72

4-Ethyltoluene

Concen: 7.405 ppbv

RT: 15.86 min Scan# 4066

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Tgt Ion: 105 Resp: 4137244

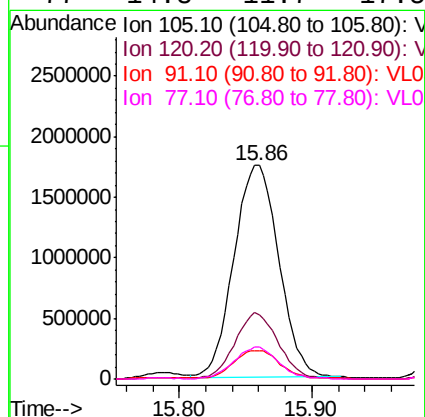
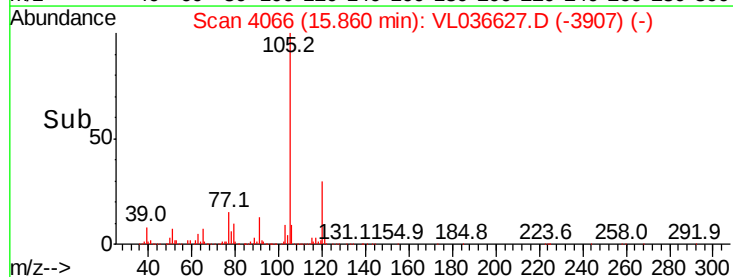
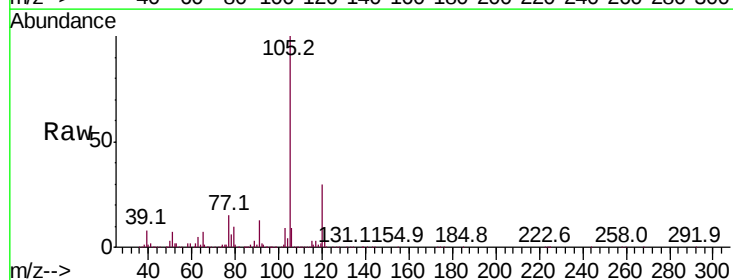
Ion Ratio Lower Upper

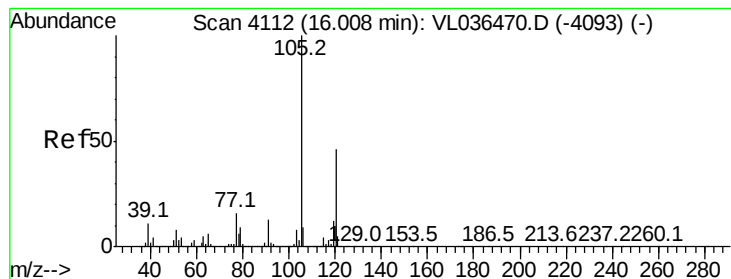
105 100

120 31.1 24.0 36.0

91 14.6 11.0 16.4

77 14.8 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 7.184 ppbv

RT: 16.01 min Scan# 4114

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

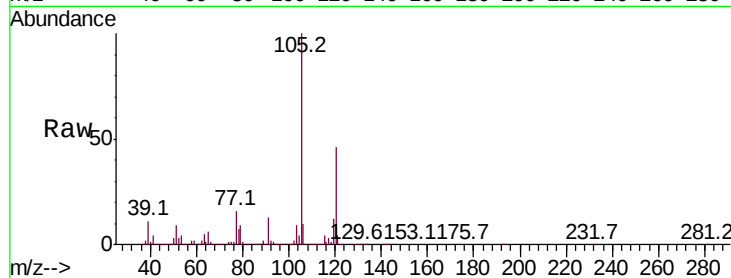
ClientSampleId :

Tot Ion:105 Resp: 3746183

Ion Ratio Lower Upper

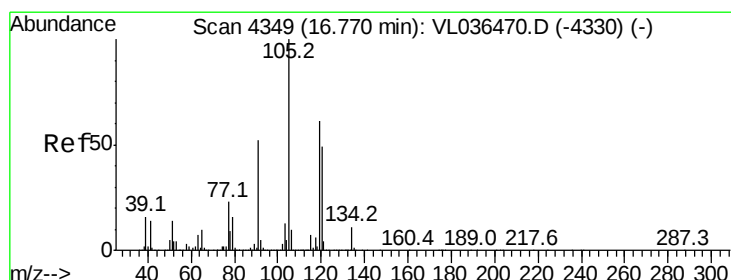
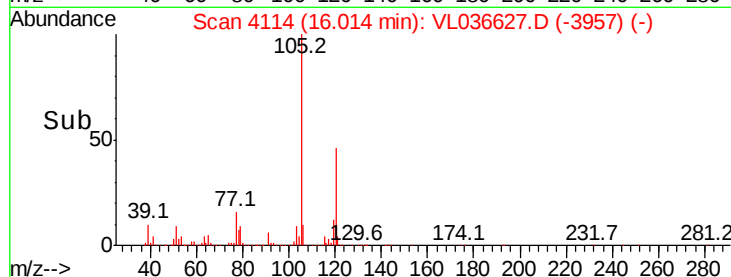
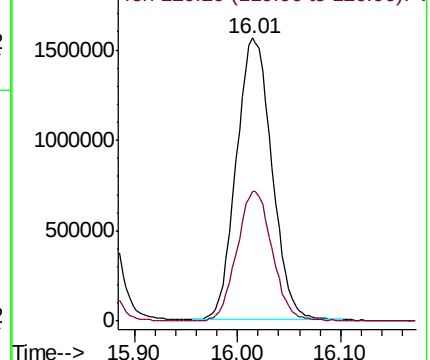
105 100

120 45.7 36.6 54.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 6.899 ppbv

RT: 16.79 min Scan# 4354

Delta R.T. 0.02 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Tgt Ion:105 Resp: 3849764

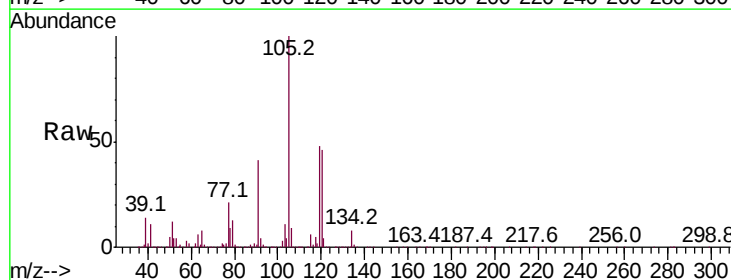
Ion Ratio Lower Upper

105 100

120 45.2 39.2 58.8

91 40.5 42.6 64.0#

77 21.0 18.6 28.0

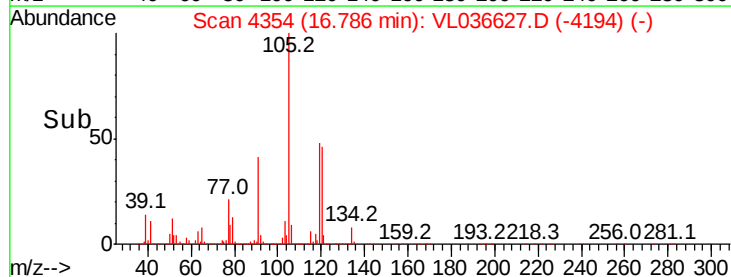
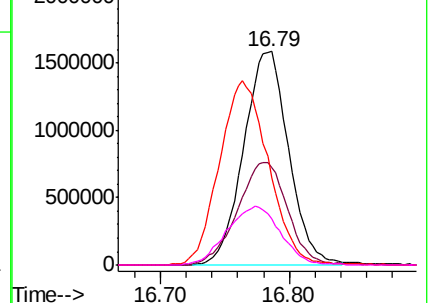


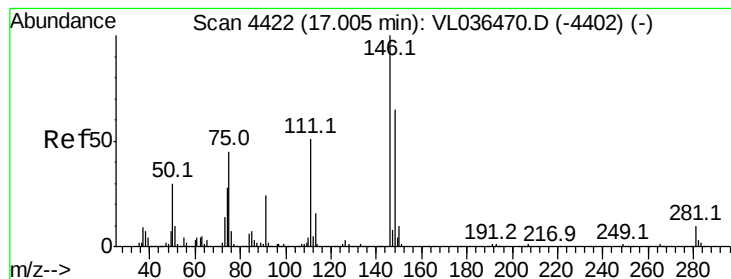
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#75

1,3-Dichlorobenzene

Concen: 7.134 ppbv

RT: 17.01 min Scan# 4425

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

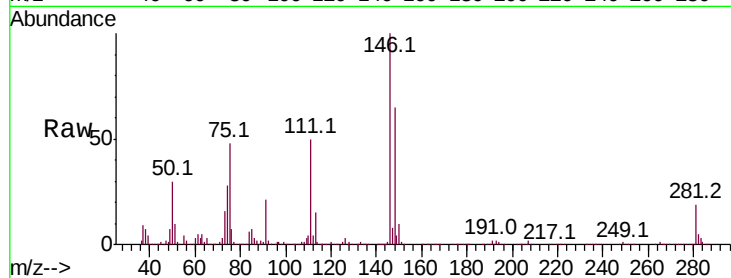
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:146 Resp: 2240684

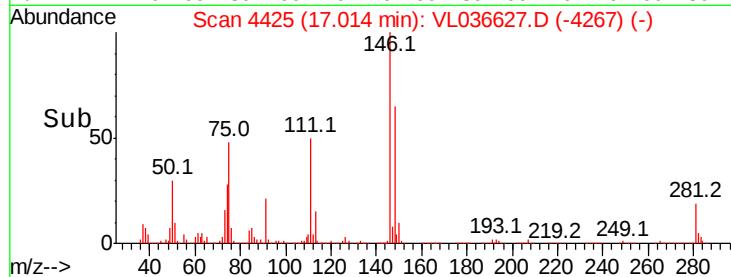
Ion	Ratio	Lower	Upper
146	100		
111	49.1	24.5	73.5
148	64.4	32.3	96.9



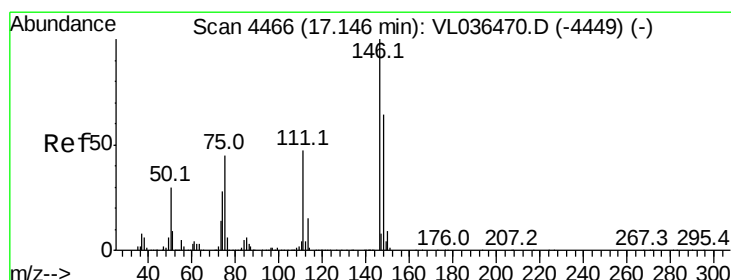
Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



Time-->



#76

1,4-Dichlorobenzene

Concen: 6.909 ppbv

RT: 17.16 min Scan# 4469

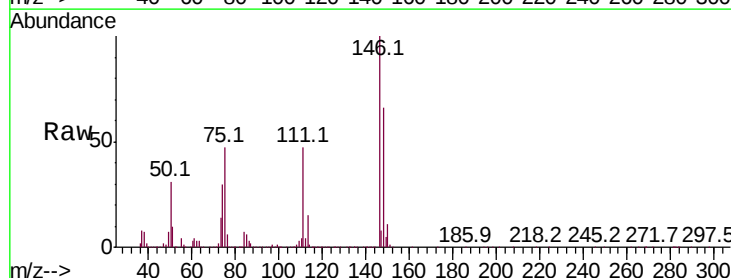
Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Tgt Ion:146 Resp: 2154797

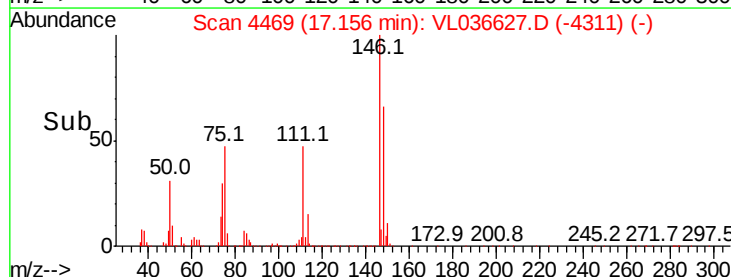
Ion	Ratio	Lower	Upper
146	100		
111	49.4	24.3	72.8
148	66.8	33.0	98.9



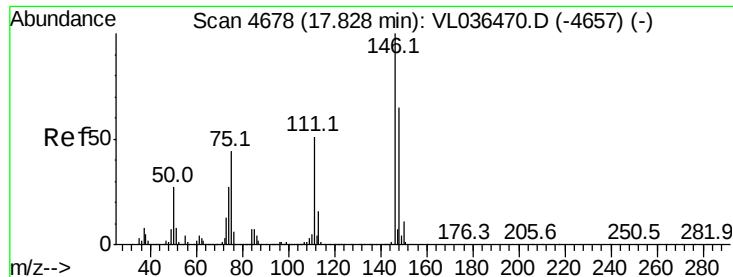
Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



Time-->



#77

1,2-Dichlorobenzene

Concen: 7.260 ppbv

RT: 17.83 min Scan# 4680

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

ClientSampled :

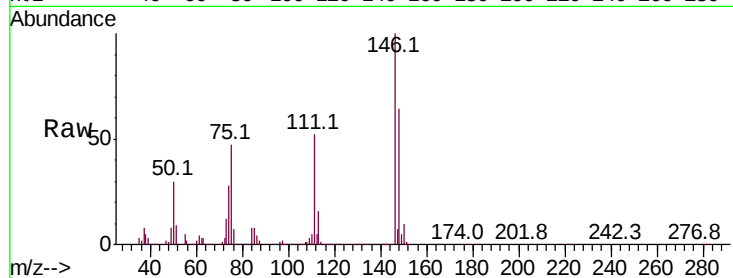
Tot Ion:146 Resp: 2143662

Ion Ratio Lower Upper

146 100

111 51.0 25.5 76.5

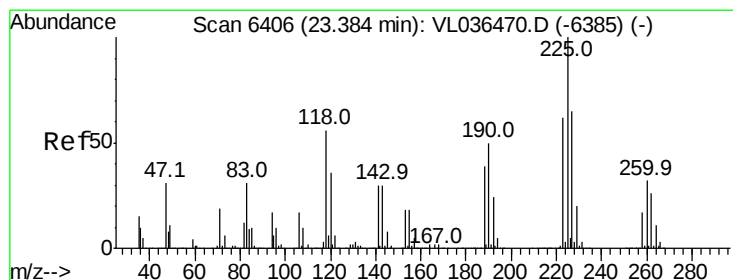
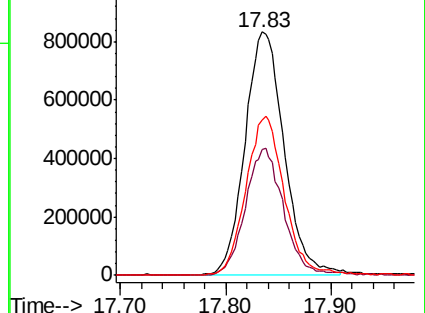
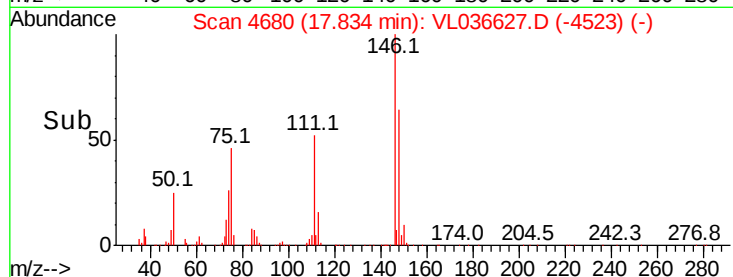
148 64.7 32.9 98.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 6.355 ppbv

RT: 23.40 min Scan# 6410

Delta R.T. 0.01 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

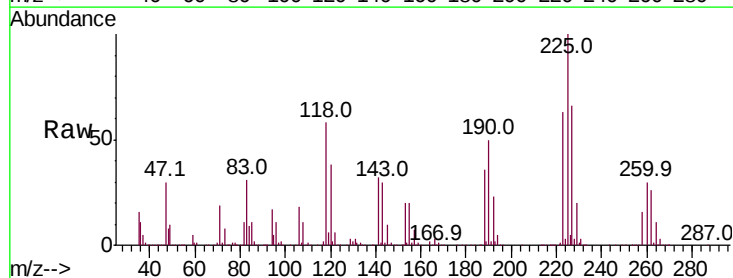
Tgt Ion:225 Resp: 1680284

Ion Ratio Lower Upper

225 100

223 64.2 50.6 75.8

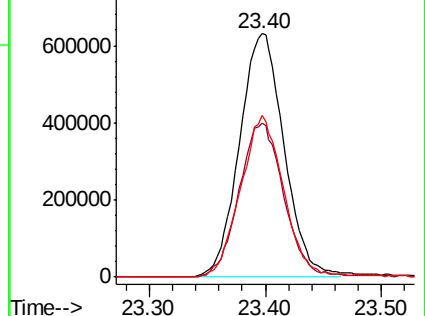
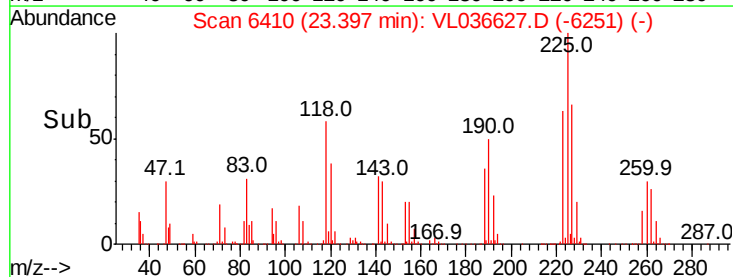
227 64.7 52.2 78.2

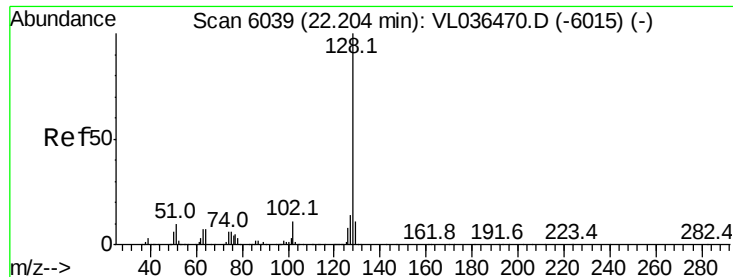


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 7.393 ppbv

RT: 22.22 min Scan# 6045

Delta R.T. 0.02 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

Instrument :

MSVOA_L

ClientSampled :

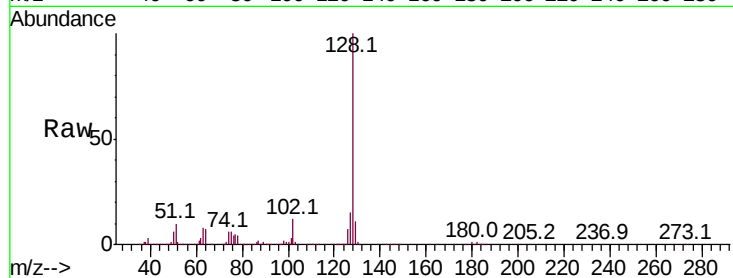
Tot Ion:128 Resp: 2407328

Ion Ratio Lower Upper

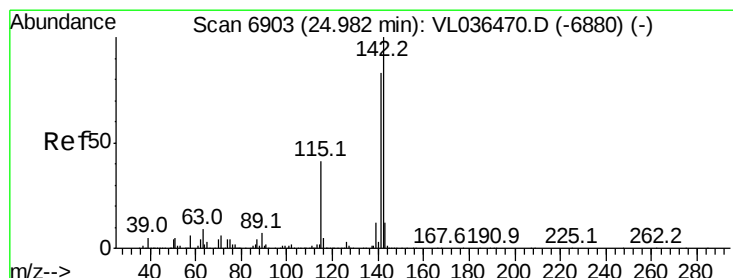
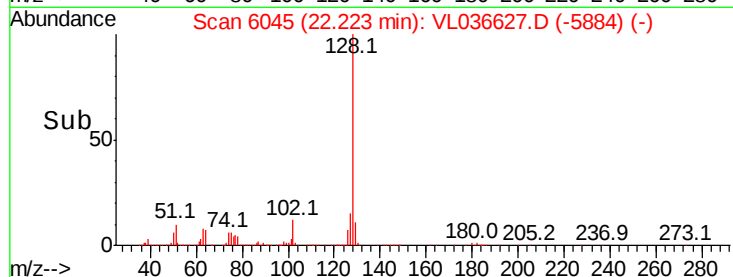
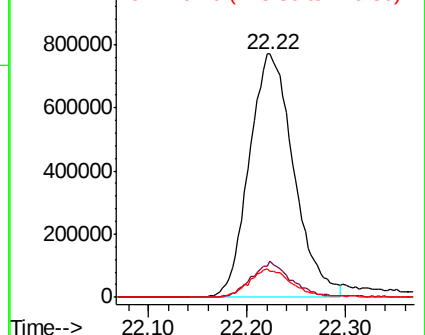
128 100

127 14.9 10.9 16.3

129 10.8 9.0 13.4



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 2.937 ppbv

RT: 25.00 min Scan# 6909

Delta R.T. 0.02 min

Lab File: VL036627.D

Acq: 1 Apr 2021 8:52

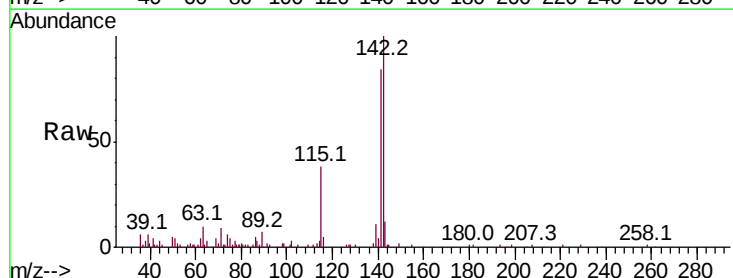
Tgt Ion:142 Resp: 188564

Ion Ratio Lower Upper

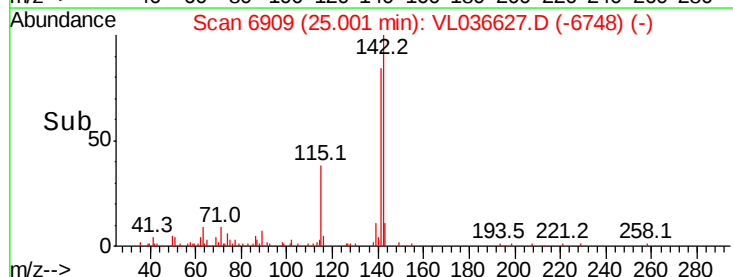
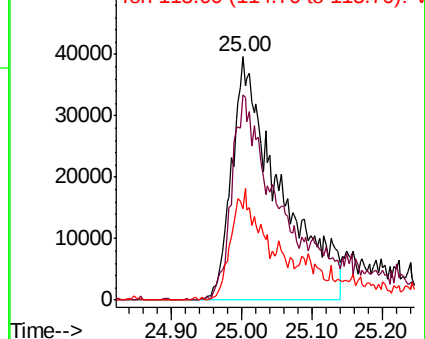
142 100

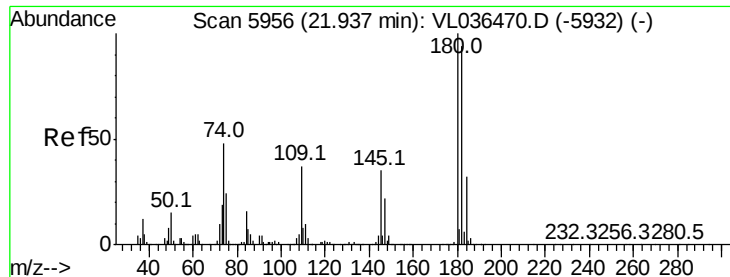
141 69.7 67.8 101.8

115 44.8 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V

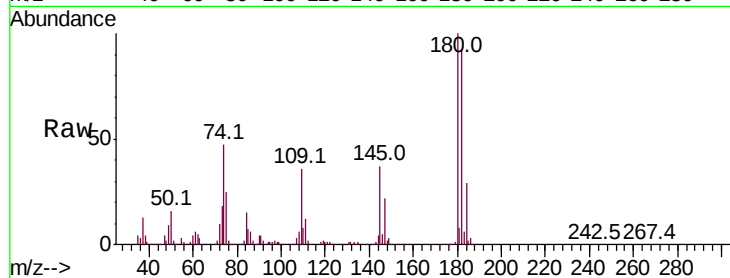




#81
 1,2,4-Trichlorobenzene
 Concen: 7.528 ppbv
 RT: 21.95 min Scan# 5960
 Delta R.T. 0.01 min
 Lab File: VL036627.D
 Acq: 1 Apr 2021 8:52

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 1513572
 Ion Ratio Lower Upper
 180 100
 182 99.2 80.8 121.2
 184 32.2 25.0 37.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

