

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052421\
 Data File : VL037049.D
 Acq On : 24 May 2021 15:33
 Operator : SY/AP
 Sample : M2262-14 0.5
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 25 01:49:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1211416	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3599183	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3236388	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2341877	9.63	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.03	85	144475	0.703	ppbv 94
3) Chlorodifluoromethane	2.97	51	133461	0.601	ppbv 94
4) Chloromethane	3.12	50	38914	0.515	ppbv 96
5) Vinyl Chloride	3.24	62	46643	0.565	ppbv 95
6) Bromomethane	3.46	94	23069	0.530	ppbv 90
7) Chloroethane	3.54	64	14696	0.548	ppbv 99
8) Dichlorotetrafluoroethane	3.17	85	120832	0.626	ppbv 93
9) Propene	2.99	41	45966	0.578	ppbv 97
10) Heptane	8.10	43	98282	0.496	ppbv 99
11) Trichlorofluoromethane	3.93	101	116571	0.613	ppbv 95
12) 1,1,2-Trichlorotrifluoroet	4.46	101	87275	0.644	ppbv 97
13) Ethanol	3.60	45	2031	0.192	ppbv # 35
14) Bromoethene	3.72	108	33062	0.554	ppbv # 89
15) Acetone	3.85	43	61503	0.496	ppbv # 55
16) 1,3-Butadiene	3.31	39	12601	0.163	ppbv # 10
18) 1,1-Dichloroethene	4.27	96	19959	0.319	ppbv # 85
19) Isopropyl Alcohol	3.98	45	26606	0.399	ppbv # 42
20) Methylene Chloride	4.32	84	52247	0.786	ppbv 97
21) Allvl Chloride	4.39	41	44514	0.476	ppbv # 82
22) trans-1,2-Dichloroethene	4.86	96	16974	0.283	ppbv 95
23) Vinyl Acetate	5.07	43	82651	0.420	ppbv # 91
24) 1,1-Dichloroethane	4.99	63	70898	0.500	ppbv # 97
25) Ethyl Acetate	5.67	43	154722	0.519	ppbv 98
26) Hexane	5.67	57	87830	0.577	ppbv 90
27) Carbon Disulfide	4.53	76	28823	0.188	ppbv # 57
28) Methyl tert-Butyl Ether	5.03	73	87174	0.477	ppbv 98
29) Chloroform	5.73	83	126731	0.589	ppbv 100
30) Cyclohexane	7.11	84	36485	0.282	ppbv # 29
31) cis-1,2-Dichloroethene	5.52	61	65691	0.481	ppbv 87
32) 1,1,1-Trichloroethane	6.49	97	113340	0.490	ppbv 93
34) 2-Butanone	5.24	43	57530	0.439	ppbv # 84
35) Carbon Tetrachloride	7.00	117	112726	0.471	ppbv 97
36) Benzene	6.87	78	165701	0.534	ppbv 97
37) 1,2-Dichloroethane	6.28	62	40458	0.263	ppbv # 80
38) Trichloroethene	7.81	130	61325	0.462	ppbv 96
39) 1,2-Dichloropropane	7.58	63	31635	0.265	ppbv 97
41) Tetrahydrofuran	6.05	42	8394	0.112	ppbv # 1
42) Bromodichloromethane	7.77	83	104257	0.448	ppbv # 94
43) Methyl Methacrylate	8.00	69	26188	0.245	ppbv # 9
44) 2,2,4-Trimethylpentane	7.85	57	277202	0.521	ppbv 98
45) t-1,3-Dichloropropene	9.25	75	10589	0.130	ppbv 93

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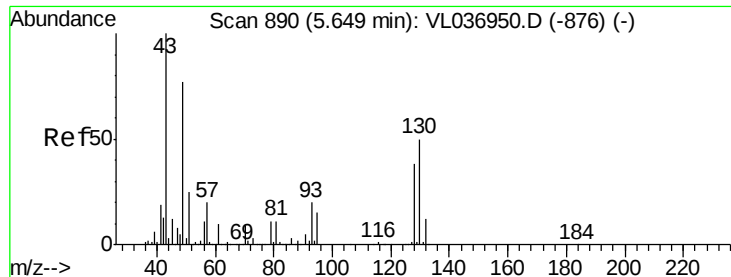
Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 25 01:49:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) cis-1,3-Dichloropropene	8.68	75	35420	0.323	ppbv #	87
47) 1,1,2-Trichloroethane	9.45	97	62639	0.501	ppbv	90
48) Dibromochloromethane	10.28	129	51597	0.255	ppbv #	10
49) Bromoform	13.00	173	17779	0.106	ppbv #	26
52) Tetrachloroethene	11.20	164	43004	0.349	ppbv	96
53) Toluene	9.78	91	178432	0.484	ppbv	98
54) 1,2-Dibromoethane	10.59	107	84316	0.474	ppbv	91
56) 1,1,1,2-Tetrachloroethane	12.10	131	67413	0.495	ppbv #	1
57) Chlorobenzene	12.12	112	79014	0.315	ppbv #	83
58) Ethyl Benzene	12.69	91	243451	0.533	ppbv	94
59) m/p-Xylene	12.97	91	190017	0.503	ppbv #	17
60) o-Xylene	13.67	91	205856	0.572	ppbv	98
61) Styrene	13.50	104	91113	0.449	ppbv	92
62) Isopropylbenzene	14.64	105	295013	0.570	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.65	83	131301	0.488	ppbv	96
64) n-propylbenzene	15.54	120	64915	0.486	ppbv #	61
65) tert-Butylbenzene	16.72	119	260526	0.558	ppbv	94
66) Benzyl Chloride	16.95	91	1307	0.050	ppbv #	1
67) sec-Butylbenzene	17.27	105	337465	0.530	ppbv	98
69) p-Isopropyltoluene	17.63	119	265559	0.485	ppbv	97
70) n-Butylbenzene	18.53	91	240280	0.462	ppbv	100
71) 2-Chlorotoluene	15.43	91	197704	0.529	ppbv	98
72) 4-Ethyltoluene	15.81	105	214354	0.502	ppbv	96
73) 1,3,5-Trimethylbenzene	15.97	105	197175	0.491	ppbv	92
74) 1,2,4-Trimethylbenzene	16.74	105	211201	0.509	ppbv #	92
75) 1,3-Dichlorobenzene	16.97	146	62425	0.246	ppbv #	24
76) 1,4-Dichlorobenzene	17.11	146	109105	0.426	ppbv	81
77) 1,2-Dichlorobenzene	17.80	146	122798	0.484	ppbv	90
78) Hexachloro-1,3-Butadiene	23.35	225	48262	0.236	ppbv #	2
79) Naphthalene	22.18	128	83909	0.258	ppbv #	96
80) Naphthalene,2-methyl-	24.99	142	3331	0.047	ppbv #	11
81) 1,2,4-Trichlorobenzene	21.90	180	28538	0.144	ppbv #	9

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.00 min

Lab File: VL037049.D

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ClientSampleId :

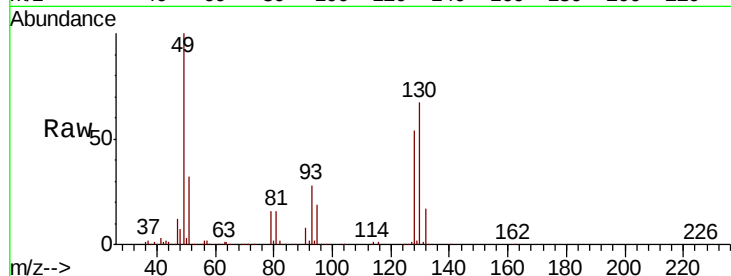
Tot Ion: 49 Resp: 1211416

Ion Ratio Lower Upper

49 100

128 56.9 26.9 80.7

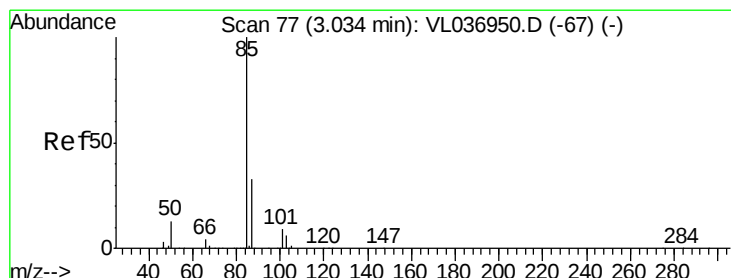
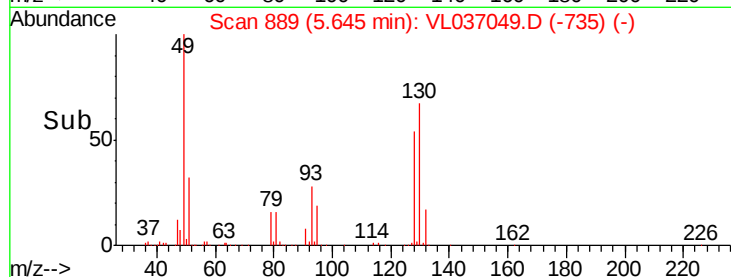
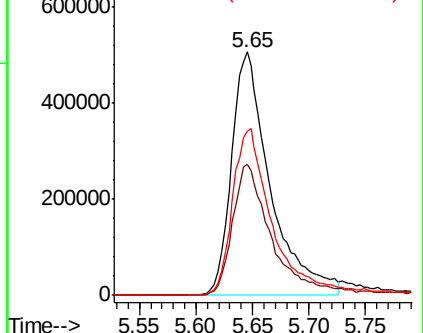
130 72.9 33.8 101.4



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: 0.703 ppbv

RT: 3.03 min Scan# 76

Delta R.T. -0.00 min

Lab File: VL037049.D

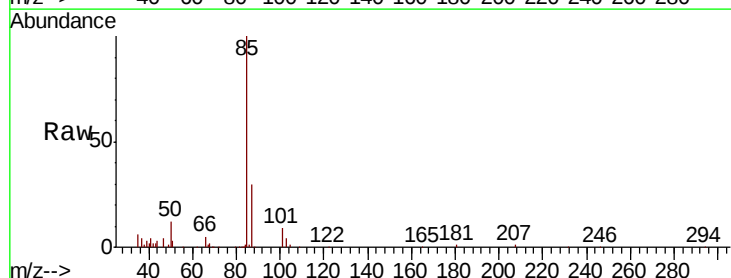
Acq: 24 May 2021 15:33

Tgt Ion: 85 Resp: 144475

Ion Ratio Lower Upper

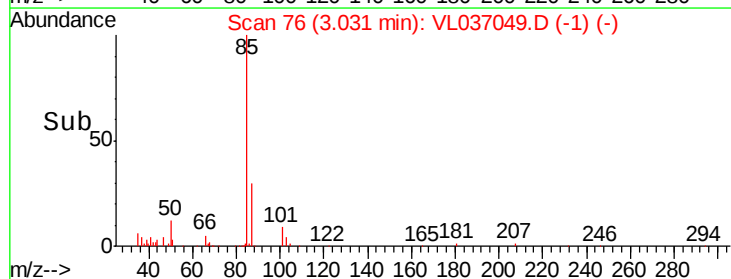
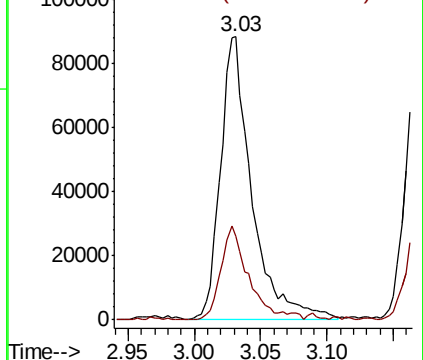
85 100

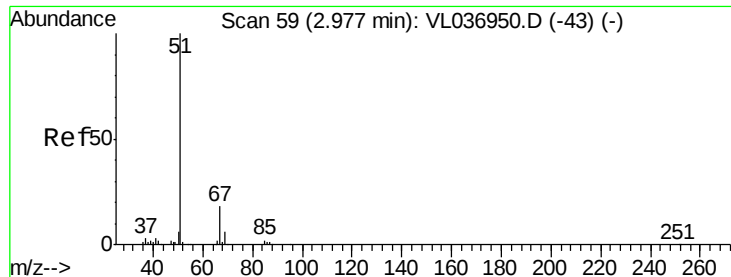
87 29.7 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.601 ppbv

RT: 2.97 min Scan# 57

Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

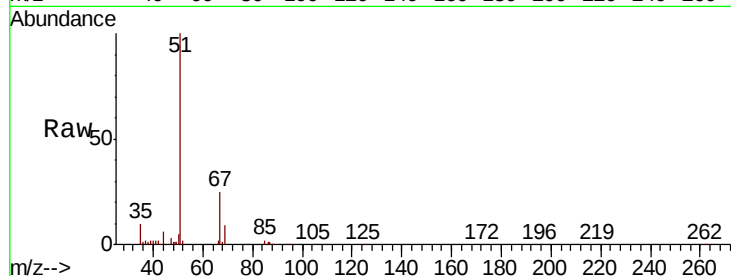
ClientSampleId :

Tot Ion: 51 Resp: 133461

Ion Ratio Lower Upper

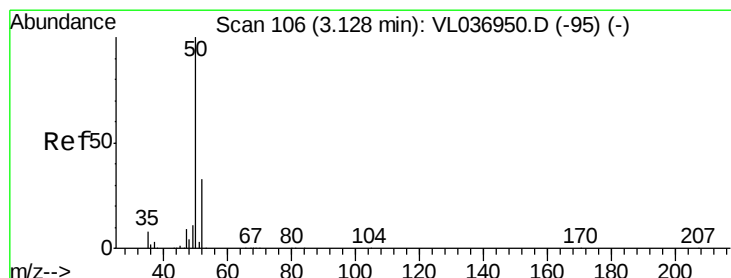
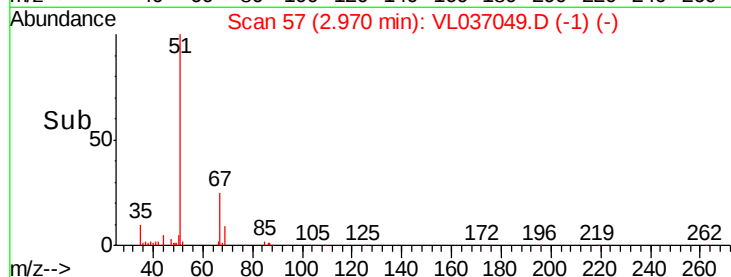
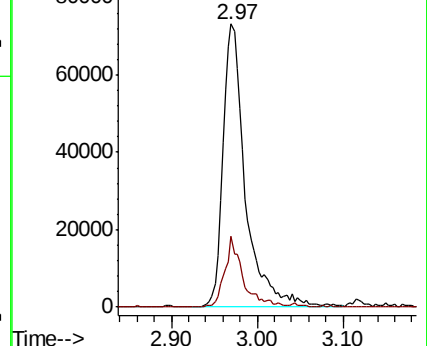
51 100

67 20.8 14.6 21.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.515 ppbv

RT: 3.12 min Scan# 105

Delta R.T. -0.00 min

Lab File: VL037049.D

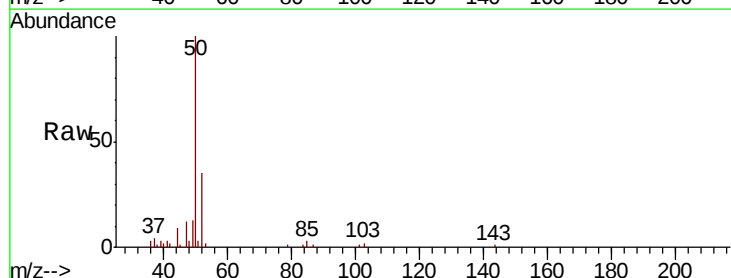
Acq: 24 May 2021 15:33

Tgt Ion: 50 Resp: 38914

Ion Ratio Lower Upper

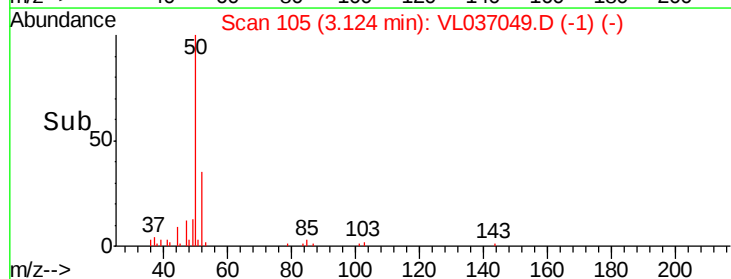
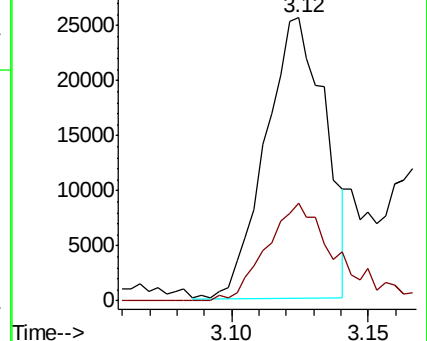
50 100

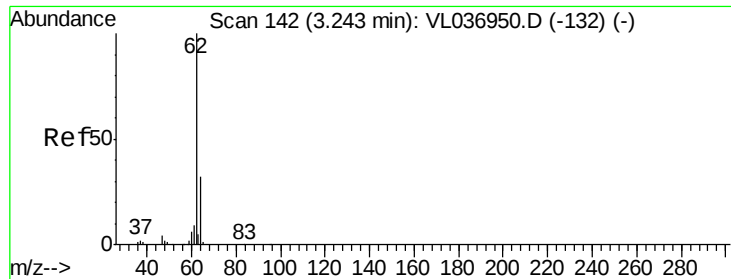
52 35.1 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.565 ppbv

RT: 3.24 min Scan# 141

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

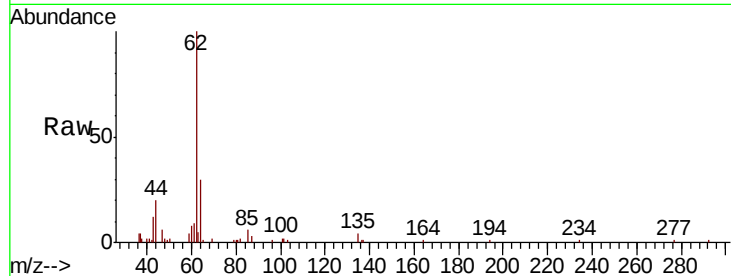
ClientSampleId :

Tot Ion: 62 Resp: 46643

Ion Ratio Lower Upper

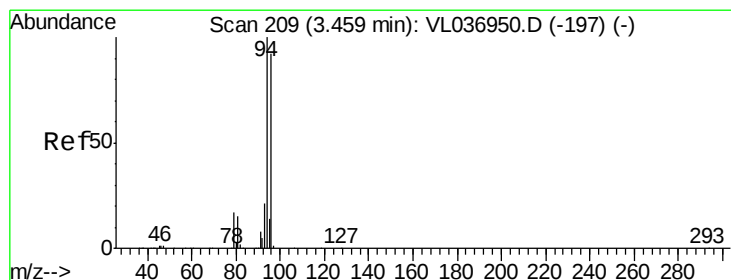
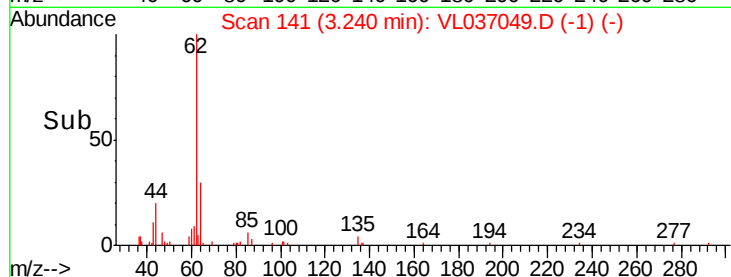
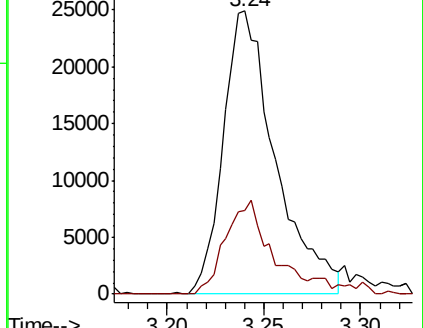
62 100

64 29.7 25.9 38.9



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.530 ppbv

RT: 3.46 min Scan# 209

Delta R.T. -0.00 min

Lab File: VL037049.D

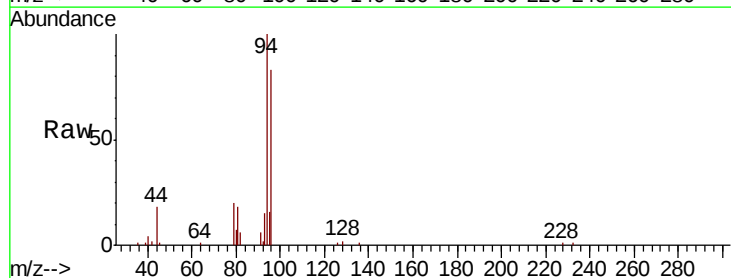
Acq: 24 May 2021 15:33

Tgt Ion: 94 Resp: 23069

Ion Ratio Lower Upper

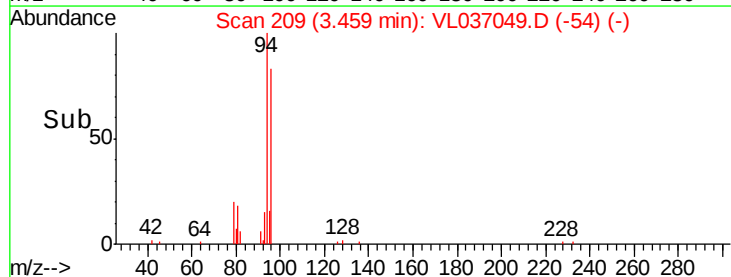
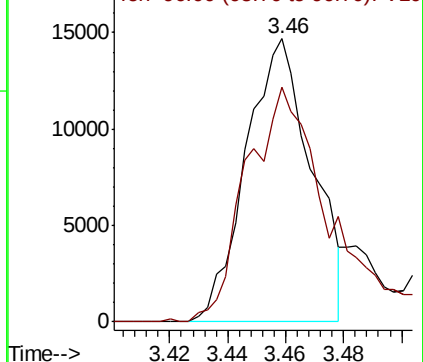
94 100

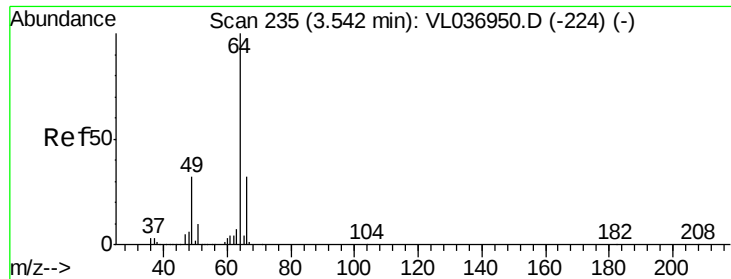
96 83.1 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.548 ppbv

RT: 3.54 min Scan# 233

Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

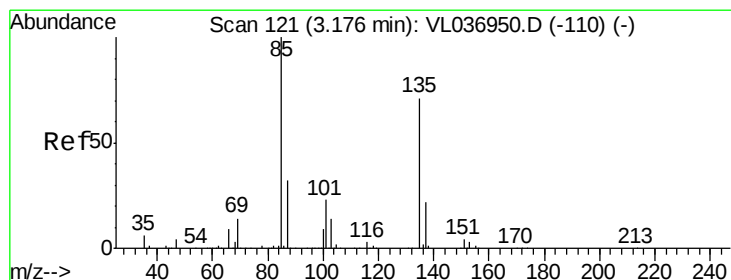
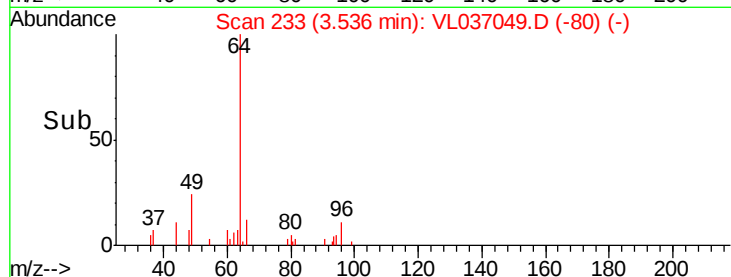
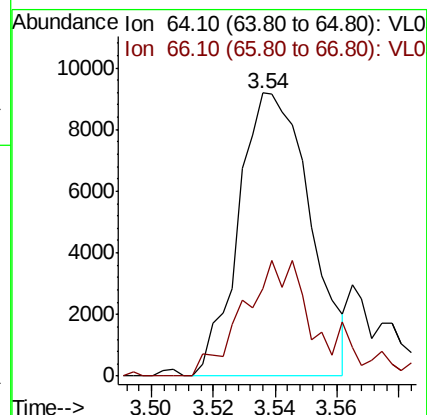
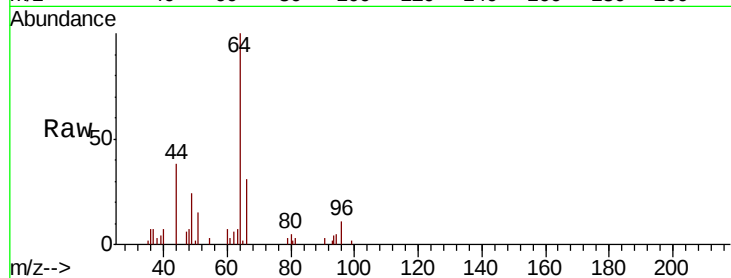
ClientSampled :

Tot Ion: 64 Resp: 14696

Ion Ratio Lower Upper

64 100

66 31.0 25.4 38.2



#8

Dichlorotetrafluoroethane

Concen: 0.626 ppbv

RT: 3.17 min Scan# 119

Delta R.T. -0.01 min

Lab File: VL037049.D

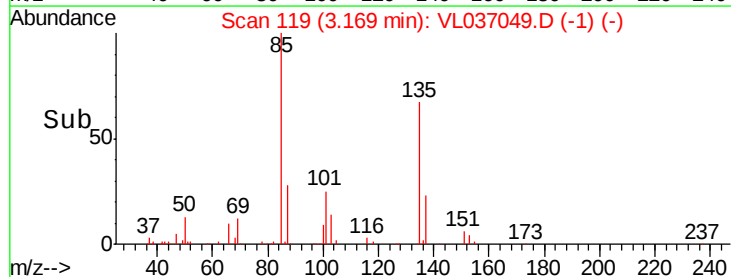
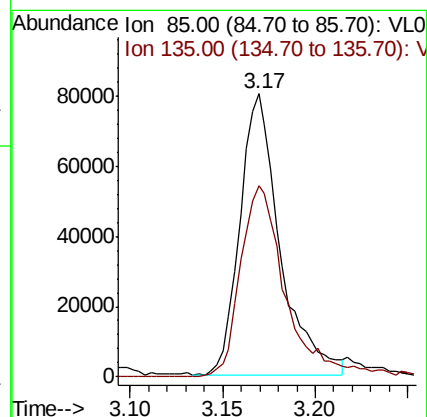
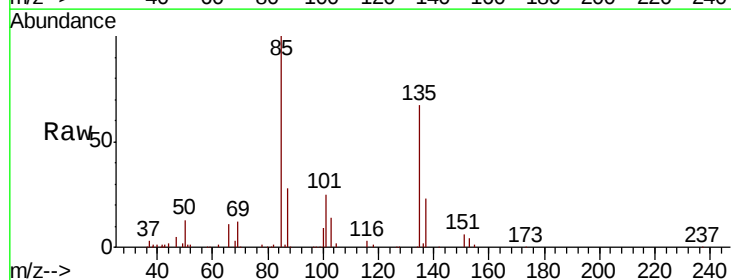
Acq: 24 May 2021 15:33

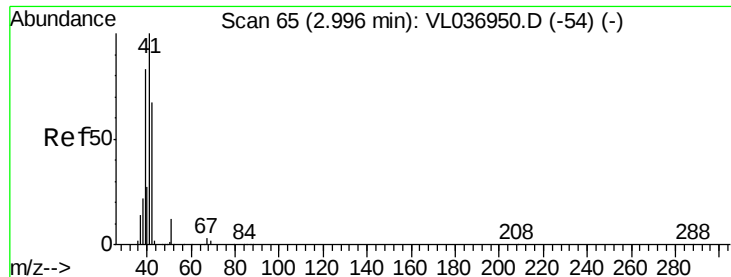
Tgt Ion: 85 Resp: 120832

Ion Ratio Lower Upper

85 100

135 77.6 57.7 86.5





#9

Propene

Concen: 0.578 ppbv

RT: 2.99 min Scan# 64

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

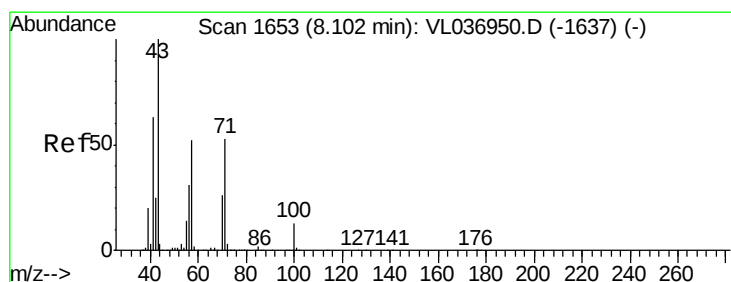
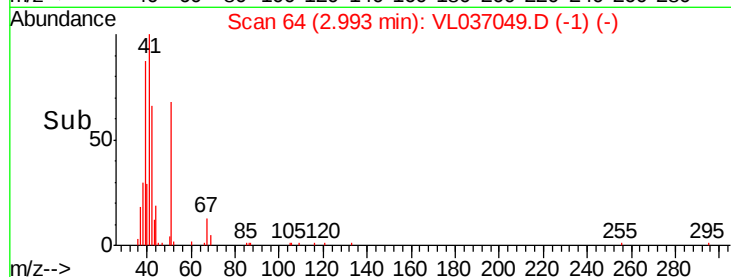
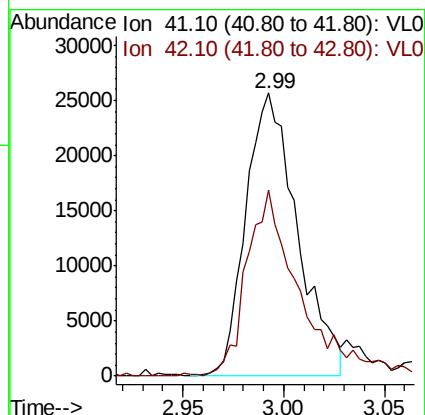
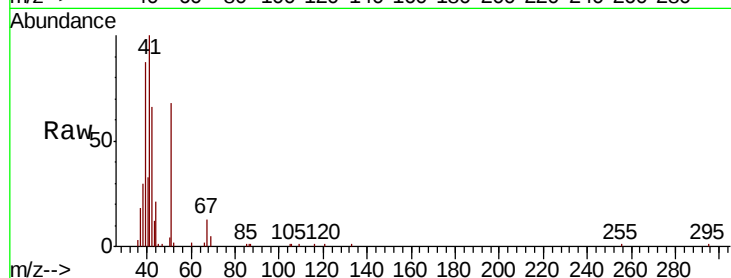
ClientSampled :

Tot Ion: 41 Resp: 45966

Ion Ratio Lower Upper

41 100

42 69.8 53.9 80.9



#10

Heptane

Concen: 0.496 ppbv

RT: 8.10 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VL037049.D

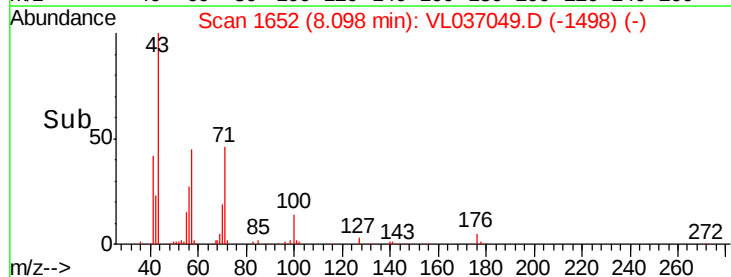
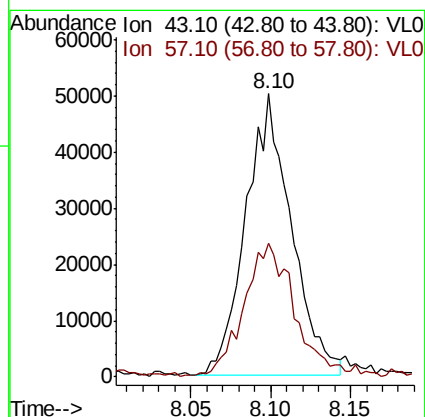
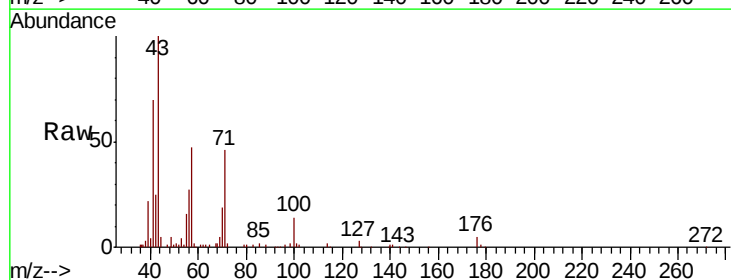
Acq: 24 May 2021 15:33

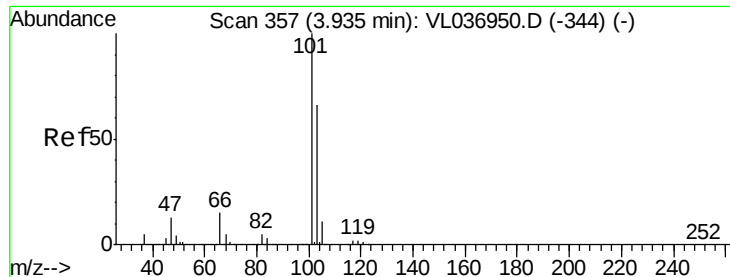
Tgt Ion: 43 Resp: 98282

Ion Ratio Lower Upper

43 100

57 51.7 41.0 61.6

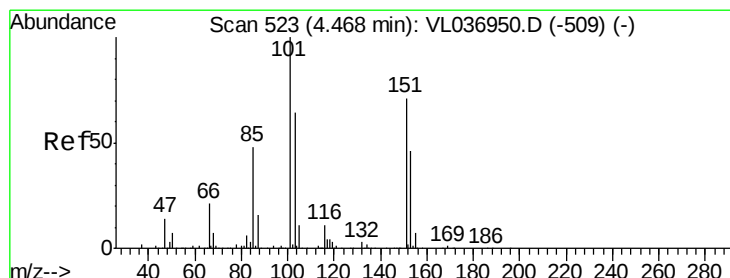
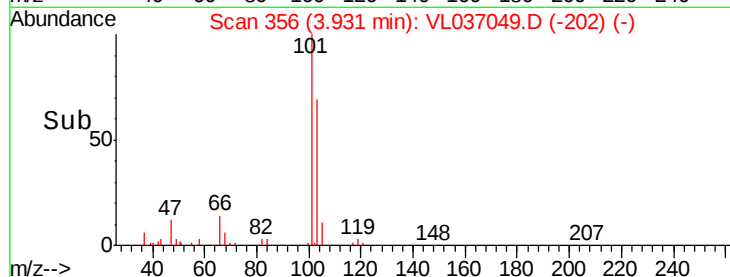
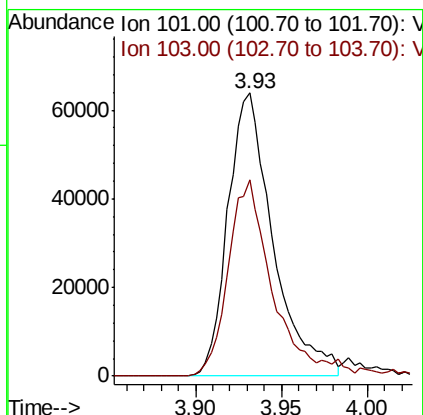
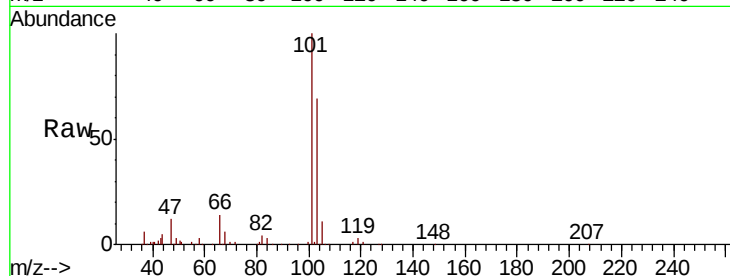




#11
 Trichlorofluoromethane
 Concen: 0.613 ppbv
 RT: 3.93 min Scan# 356
 Delta R.T. -0.00 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

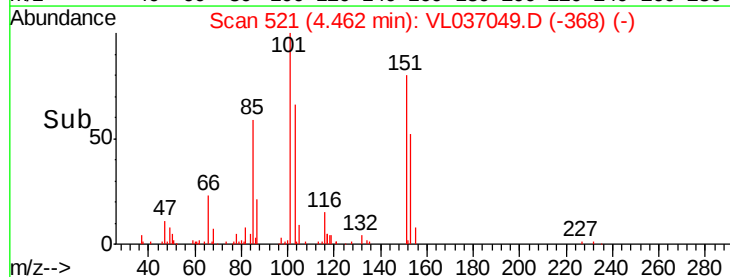
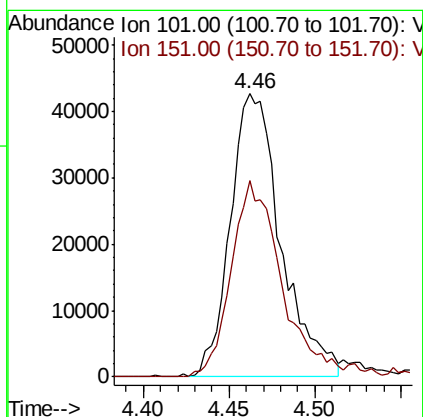
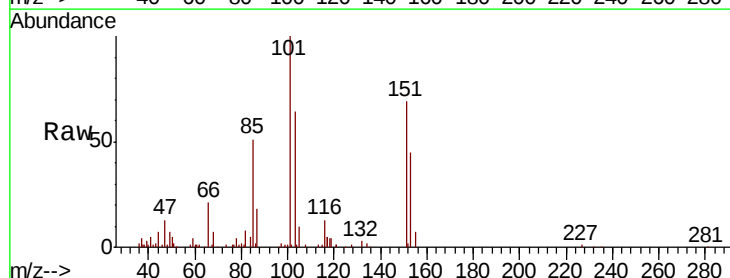
Instrument :
 MSVOA_L
 ClientSampleId :

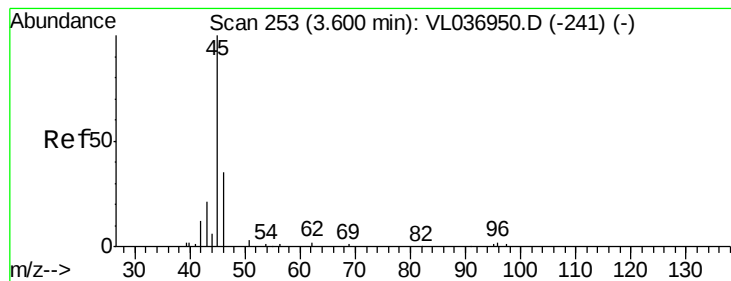
Tot Ion:101 Resp: 116571
 Ion Ratio Lower Upper
 101 100
 103 69.4 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.644 ppbv
 RT: 4.46 min Scan# 521
 Delta R.T. -0.01 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Tgt Ion:101 Resp: 87275
 Ion Ratio Lower Upper
 101 100
 151 69.8 57.7 86.5





#13

Ethanol

Concen: 0.192 ppbv

RT: 3.60 min Scan# 253

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

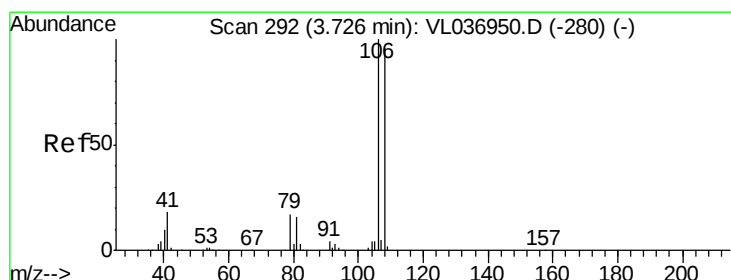
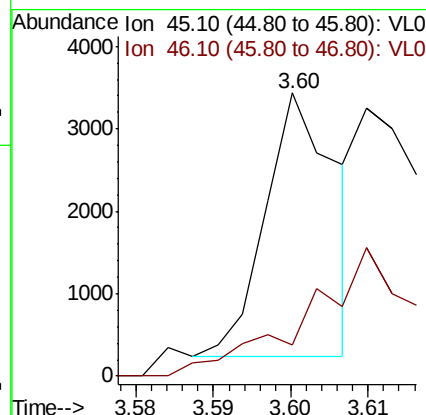
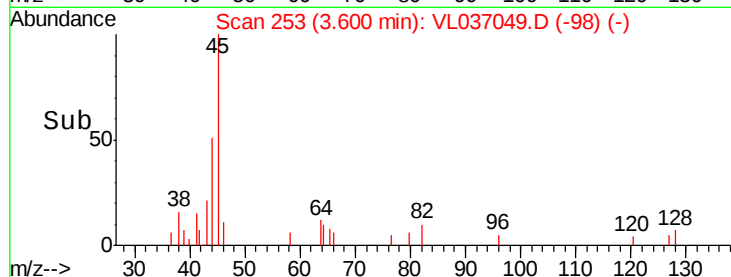
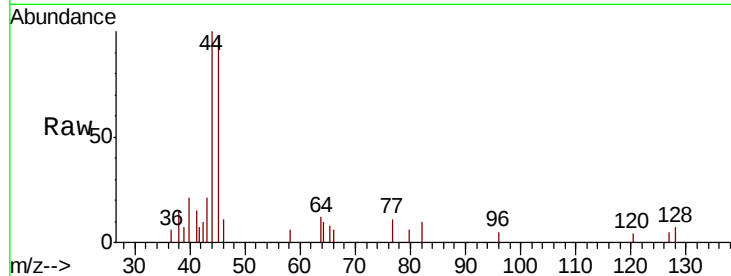
ClientSampleId :

Tot Ion: 45 Resp: 2031

Ion Ratio Lower Upper

45 100

46 0.0 16.3 65.3#



#14

Bromoethene

Concen: 0.554 ppbv

RT: 3.72 min Scan# 291

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

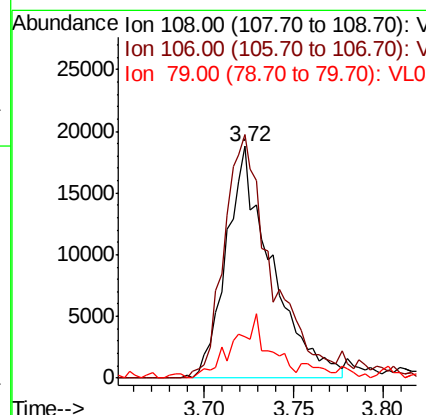
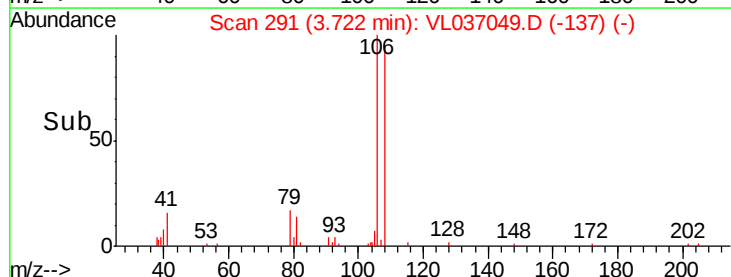
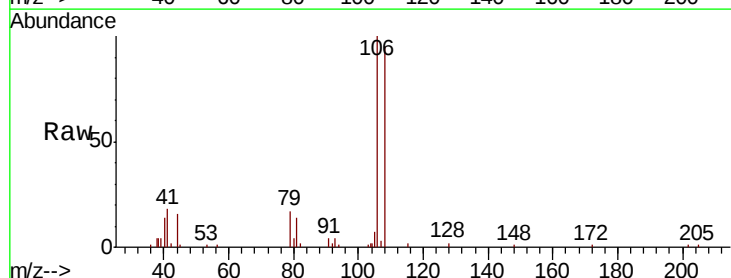
Tgt Ion: 108 Resp: 33062

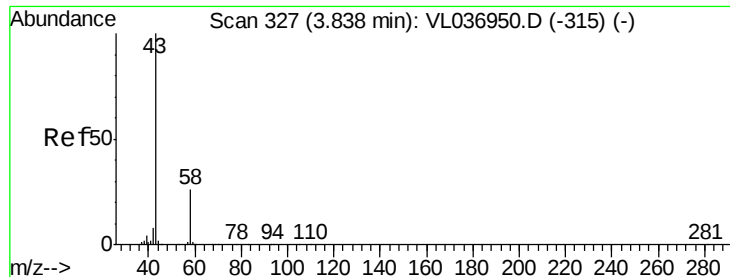
Ion Ratio Lower Upper

108 100

106 118.2 86.5 129.7

79 26.9 15.0 22.4#





#15

Acetone

Concen: 0.496 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.02 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

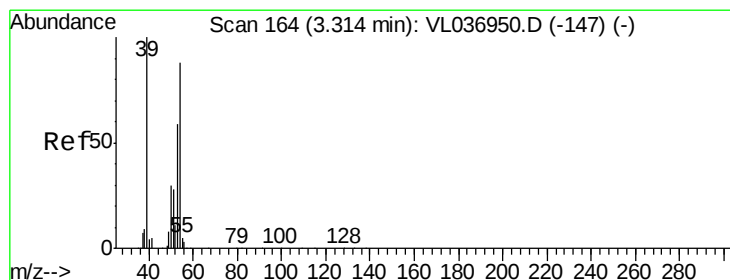
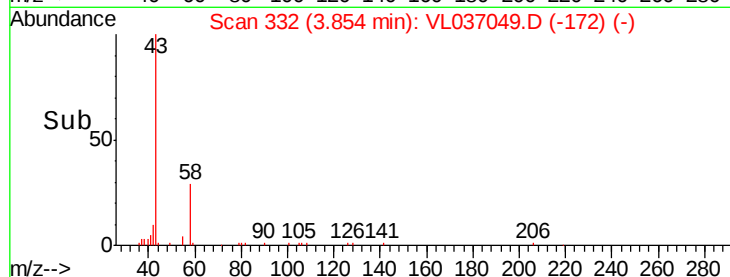
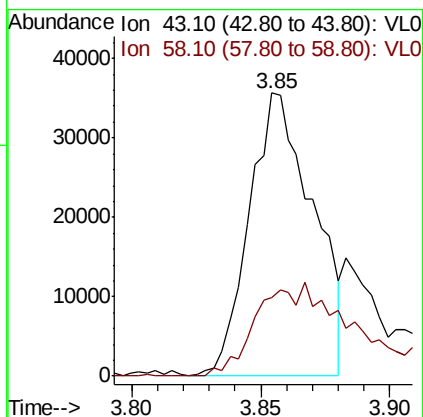
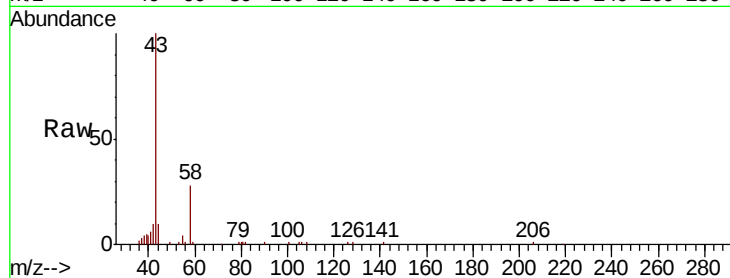
ClientSampleId :

Tot Ion: 43 Resp: 61503

Ion Ratio Lower Upper

43 100

58 54.2 24.0 36.0#



#16

1,3-Butadiene

Concen: 0.163 ppbv

RT: 3.31 min Scan# 164

Delta R.T. -0.00 min

Lab File: VL037049.D

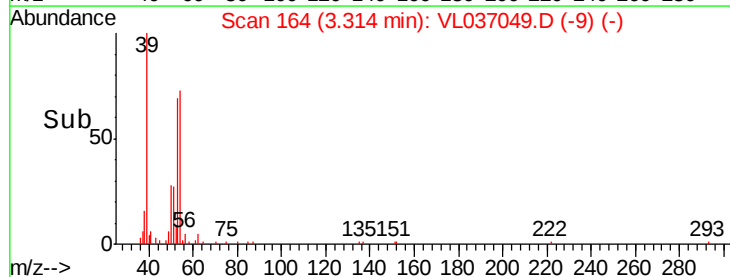
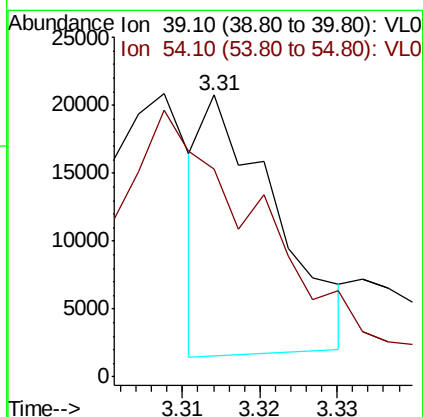
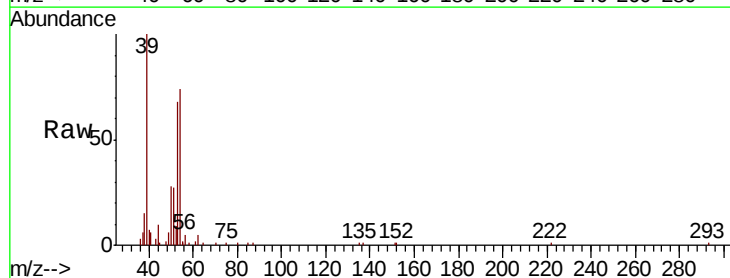
Acq: 24 May 2021 15:33

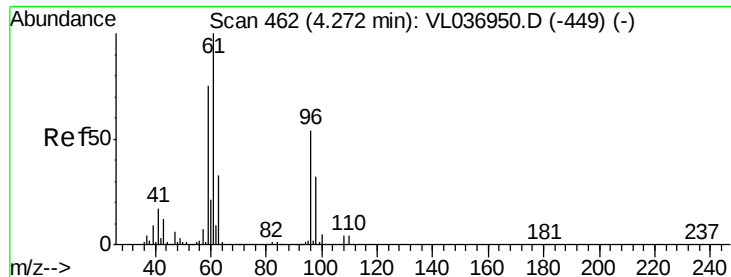
Tgt Ion: 39 Resp: 12601

Ion Ratio Lower Upper

39 100

54 0.0 63.2 94.8#





#18

1,1-Dichloroethene

Concen: 0.319 ppbv

RT: 4.27 min Scan# 461

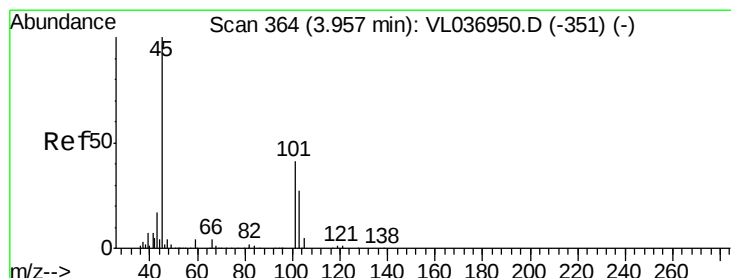
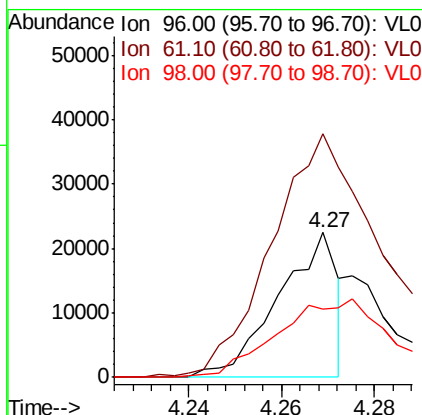
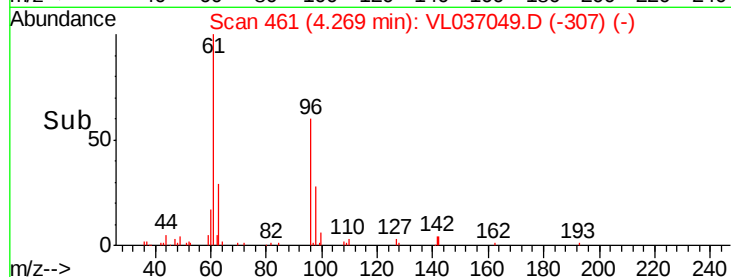
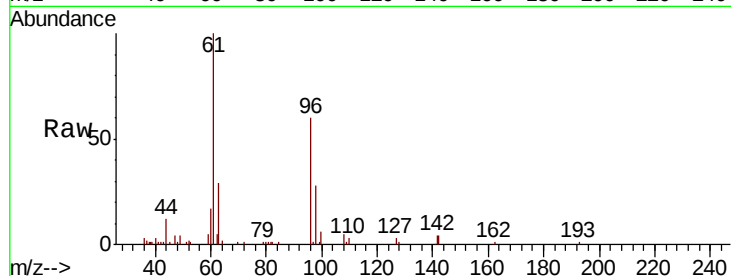
Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	96	Resp:	19959
Ion	Ratio	Lower	Upper
96	100		
61	164.9	148.2	222.4
98	45.8	47.8	71.6#



#19

Isopropyl Alcohol

Concen: 0.399 ppbv

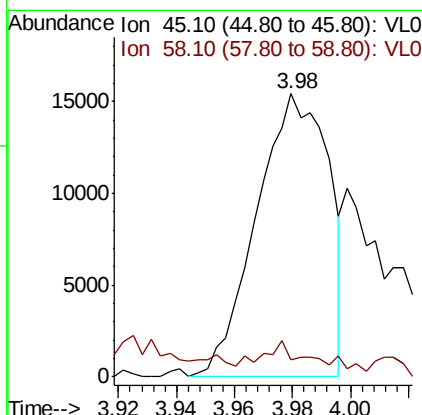
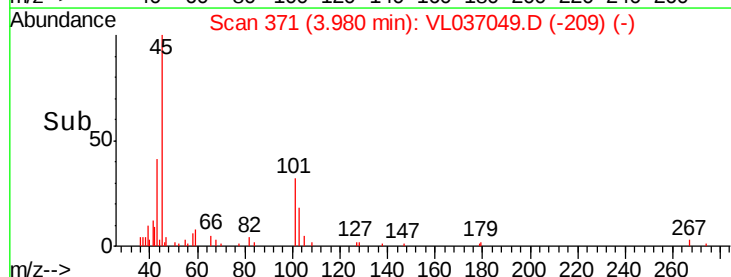
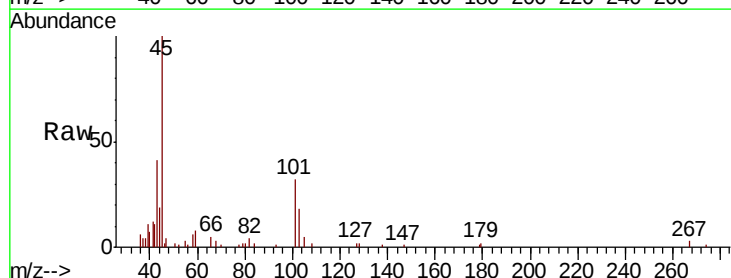
RT: 3.98 min Scan# 371

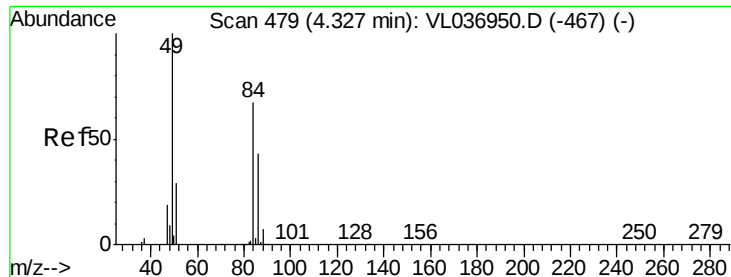
Delta R.T. 0.02 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion:	45	Resp:	26606
Ion	Ratio	Lower	Upper
45	100		
58	8.1	37.2	55.8#

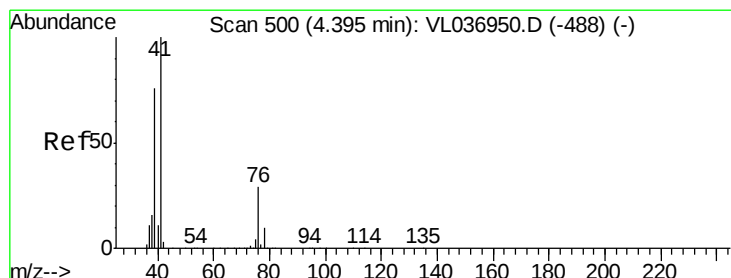
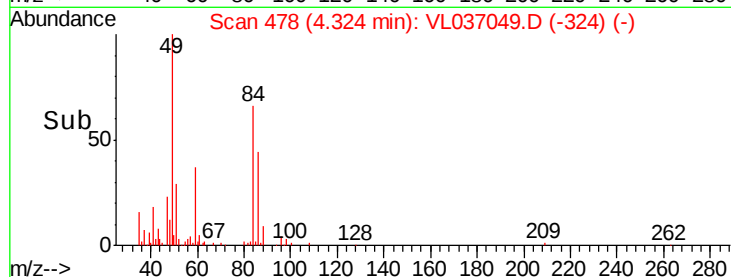
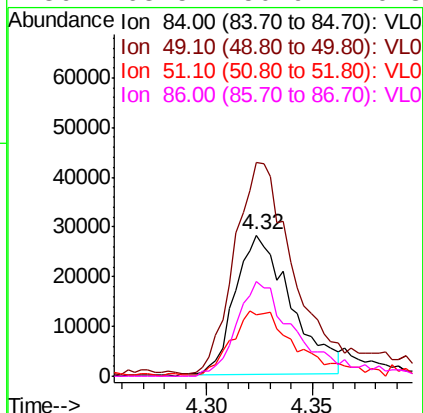
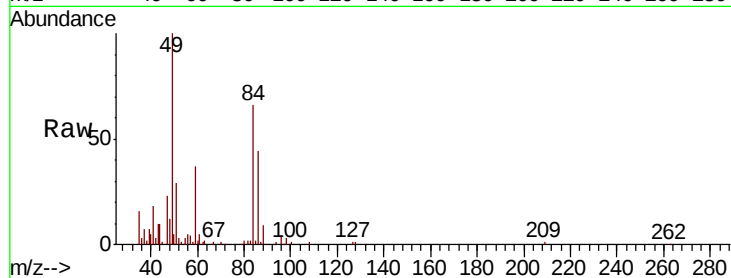




#20
Methylene Chloride
Concen: 0.786 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

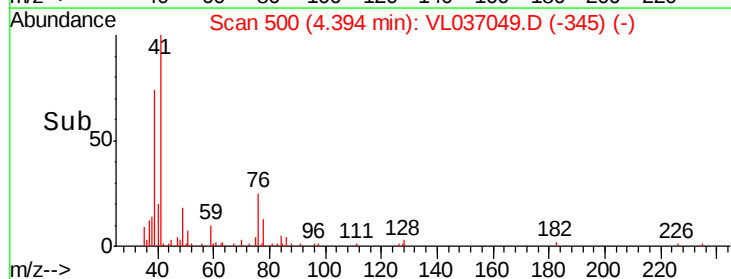
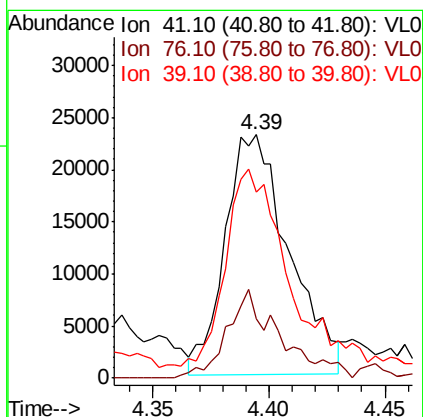
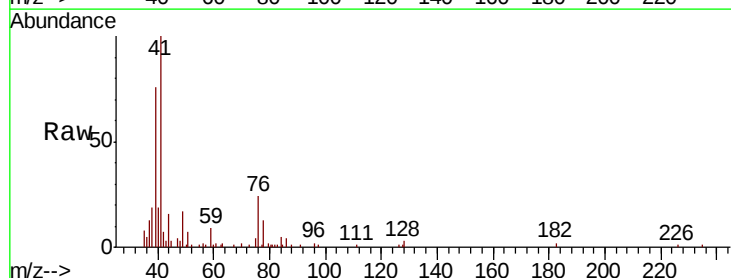
Instrument :
MSVOA_L
ClientSampled :

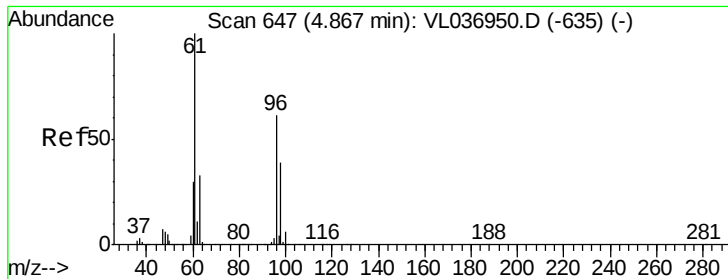
Tot Ion:	84	Resp:	52247
Ion	Ratio	Lower	Upper
84	100		
49	152.2	119.8	179.6
51	43.0	35.1	52.7
86	68.5	50.9	76.3



#21
Allyl Chloride
Concen: 0.476 ppbv
RT: 4.39 min Scan# 500
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion:	41	Resp:	44514
Ion	Ratio	Lower	Upper
41	100		
76	33.7	24.9	37.3
39	99.8	63.7	95.5#





#22

trans-1,2-Dichloroethene

Concen: 0.283 ppbv

RT: 4.86 min Scan# 645

Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

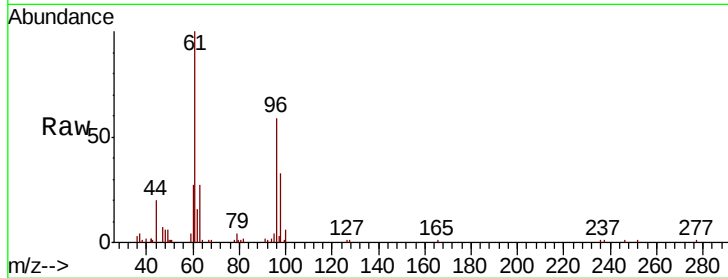
Tot Ion: 96 Resp: 16974

Ion Ratio Lower Upper

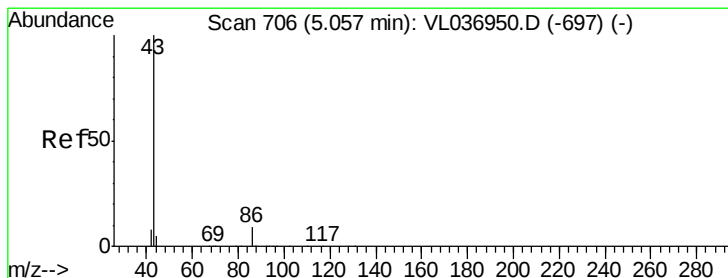
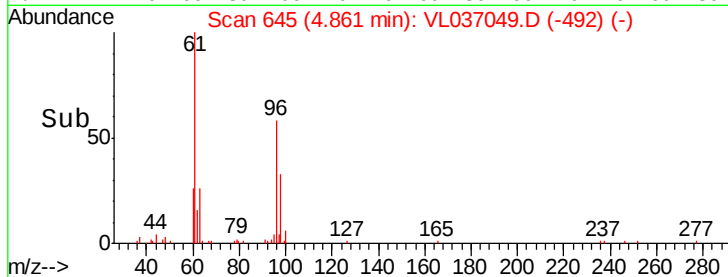
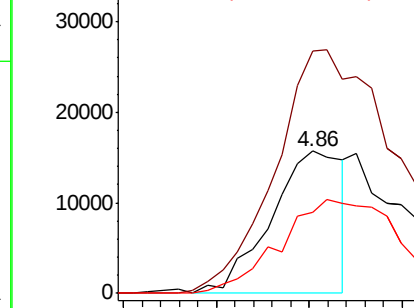
96 100

61 167.9 130.6 196.0

98 56.7 50.8 76.2



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0



#23

Vinyl Acetate

Concen: 0.420 ppbv

RT: 5.07 min Scan# 709

Delta R.T. 0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion: 43 Resp: 82651

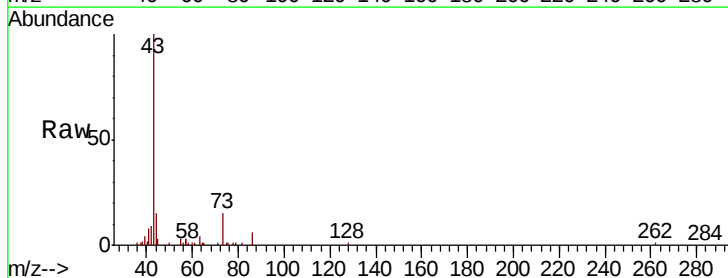
Ion Ratio Lower Upper

43 100

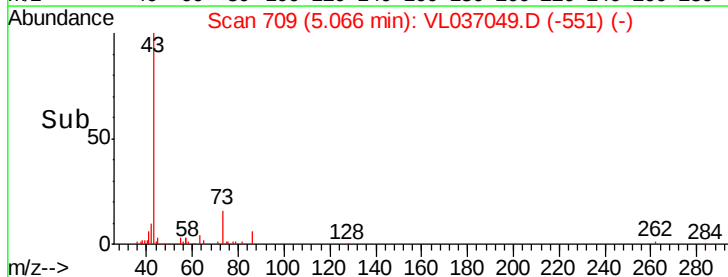
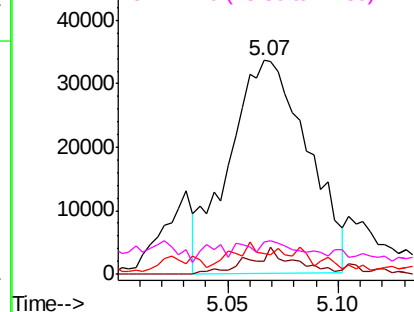
86 7.7 5.8 8.8

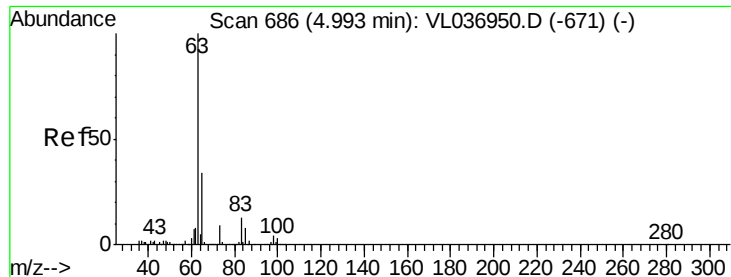
42 8.6 7.4 11.2

44 16.4 3.3 4.9#



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: 0.500 ppbv

RT: 4.99 min Scan# 684

Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

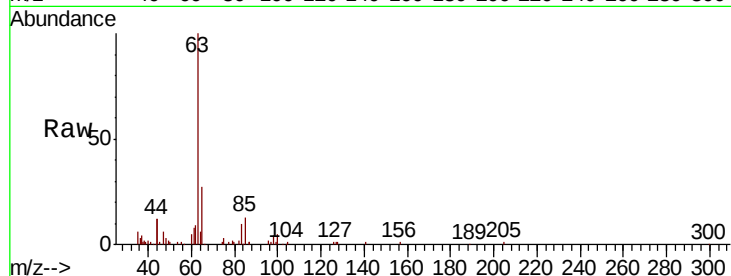
Tot Ion: 63 Resp: 70898

Ion Ratio Lower Upper

63 100

98 4.2 2.3 6.9

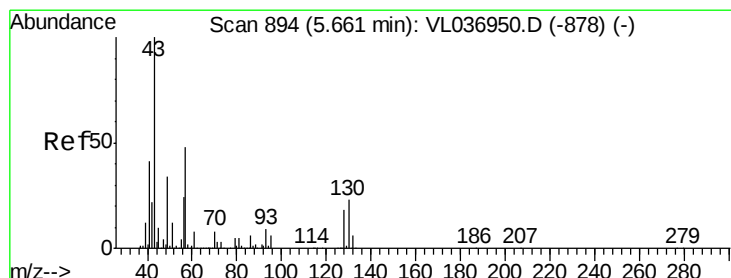
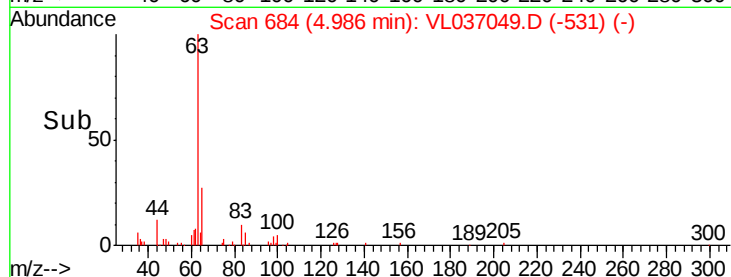
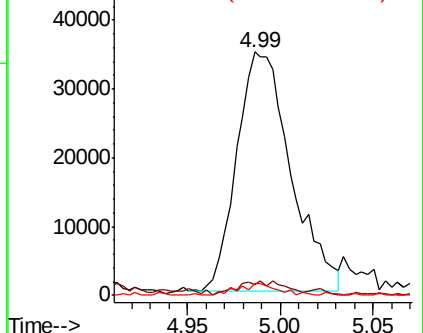
100 4.9 1.4 4.0#



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: 0.519 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion: 43 Resp: 154722

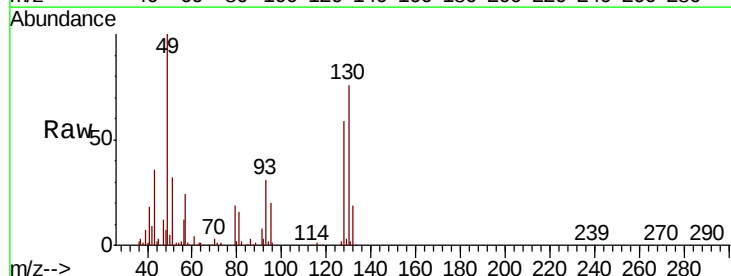
Ion Ratio Lower Upper

43 100

45 10.0 7.8 11.8

61 11.2 7.8 11.8

70 7.6 5.6 8.4

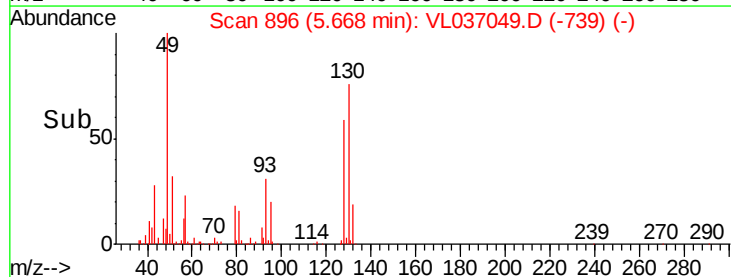
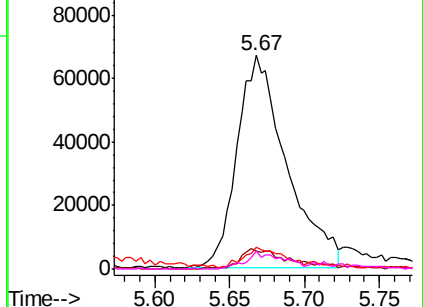


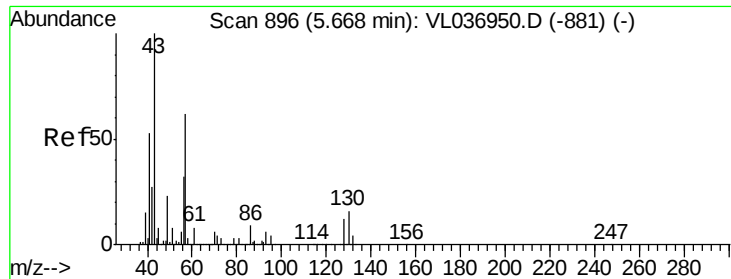
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0





#26

Hexane

Concen: 0.577 ppbv

RT: 5.67 min Scan# 896

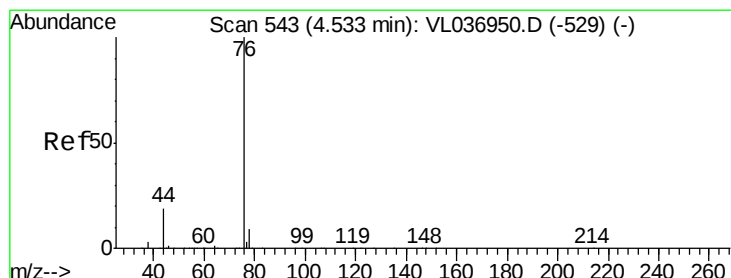
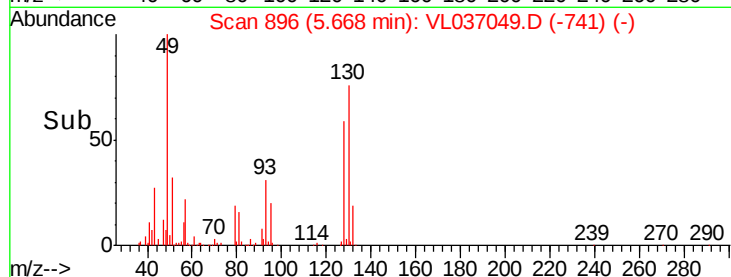
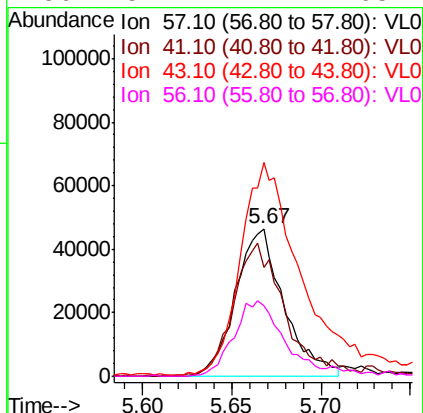
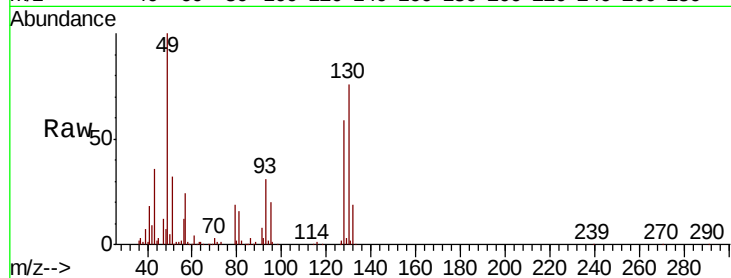
Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	57	Resp:	87830
Ion	Ratio	Lower	Upper
57	100		
41	101.3	70.5	105.7
43	192.5	165.8	248.8
56	57.1	42.2	63.4



#27

Carbon Disulfide

Concen: 0.188 ppbv

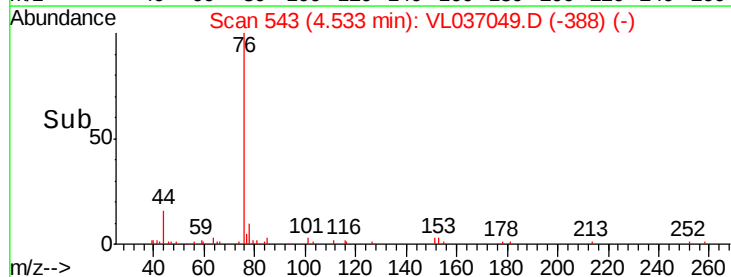
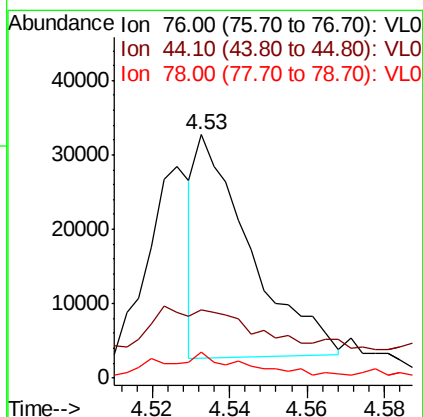
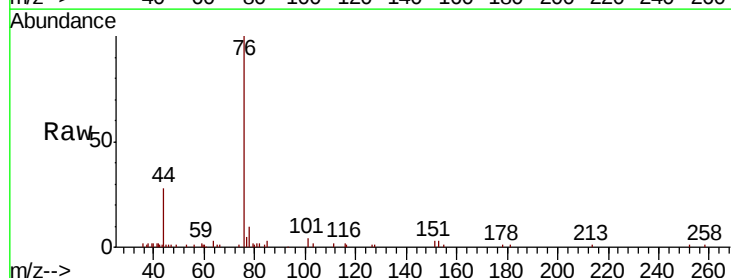
RT: 4.53 min Scan# 543

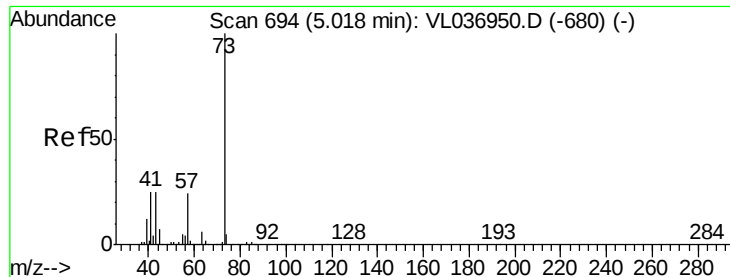
Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion:	76	Resp:	28823
Ion	Ratio	Lower	Upper
76	100		
44	0.0	15.5	23.3#
78	25.9	7.8	11.6#

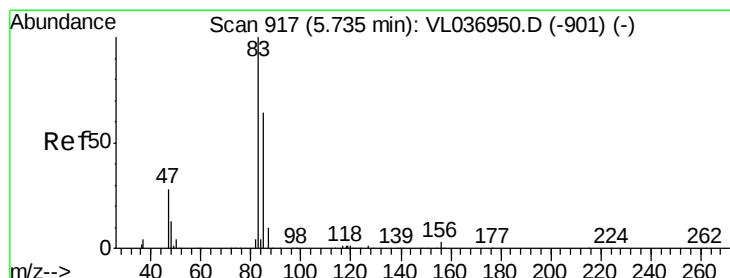
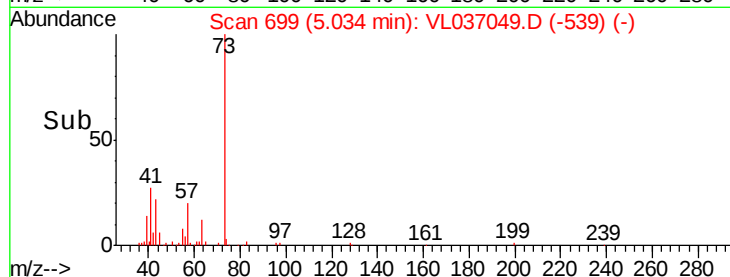
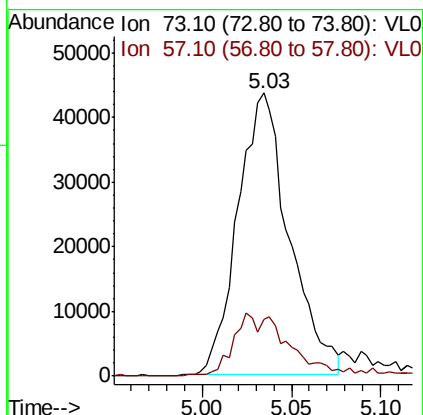
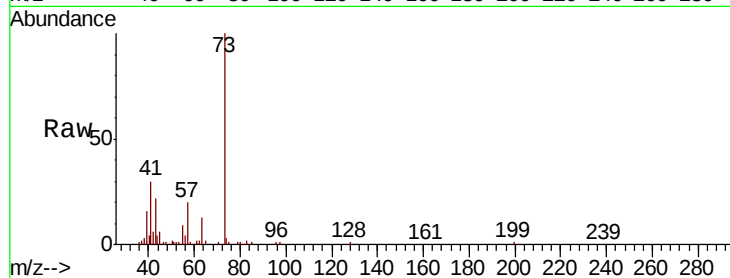




#28
Methvl tert-Butvl Ether
Concen: 0.477 ppbv
RT: 5.03 min Scan# 699
Delta R.T. 0.02 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

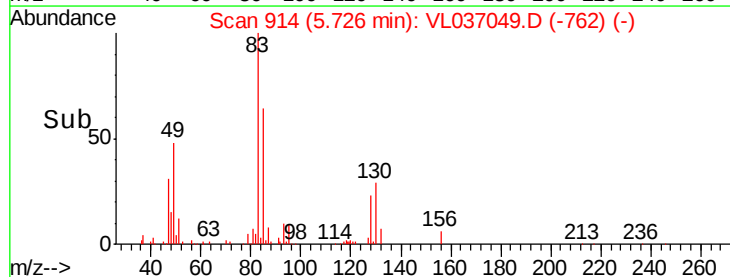
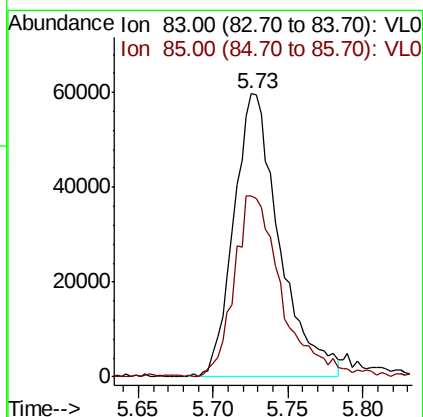
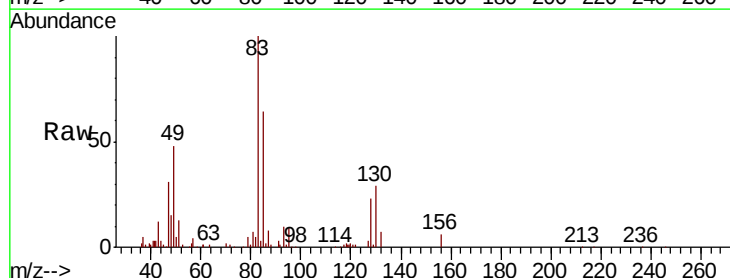
Instrument :
MSVOA_L
ClientSampleId :

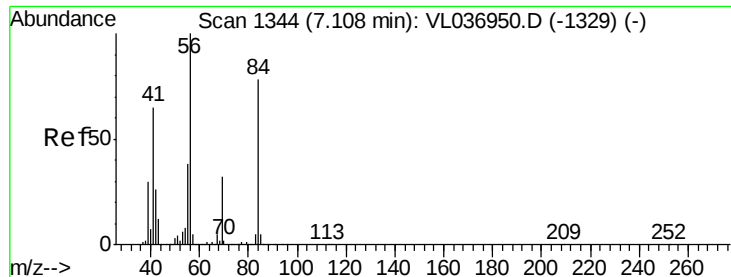
Tot Ion: 73 Resp: 87174
Ion Ratio Lower Upper
73 100
57 23.8 18.3 27.5



#29
Chloroform
Concen: 0.589 ppbv
RT: 5.73 min Scan# 914
Delta R.T. -0.01 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion: 83 Resp: 126731
Ion Ratio Lower Upper
83 100
85 63.5 51.1 76.7

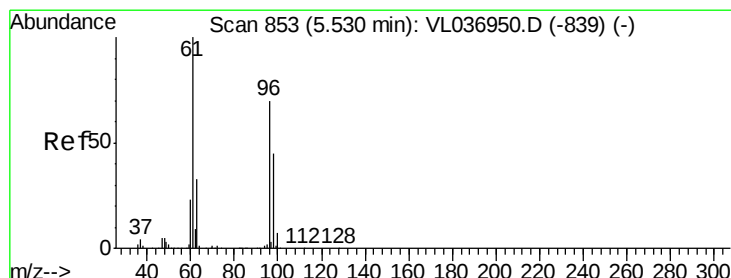
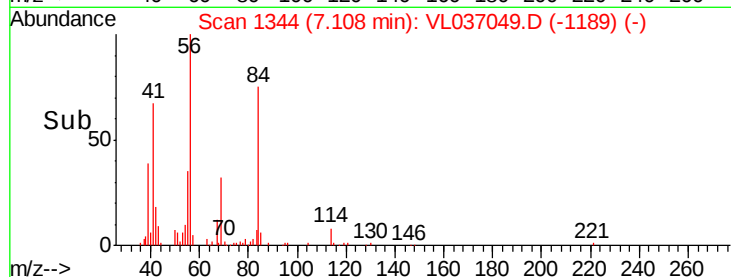
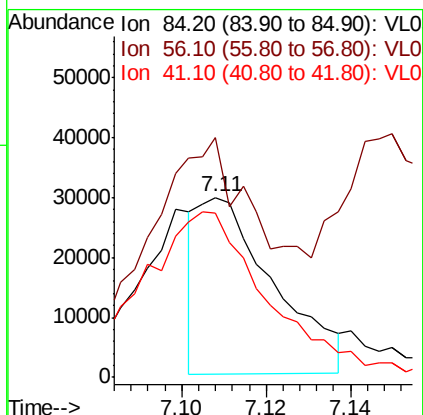
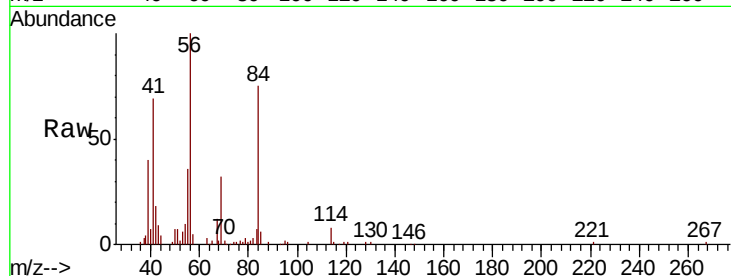




#30
Cvclohexane
Concen: 0.282 ppbv
RT: 7.11 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

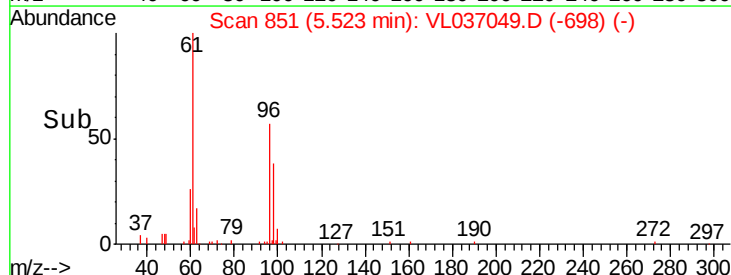
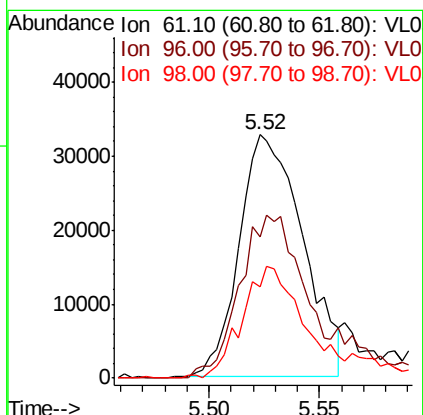
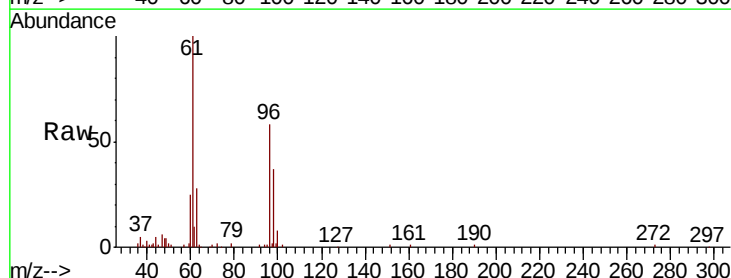
Instrument :
MSVOA_L
ClientSampleId :

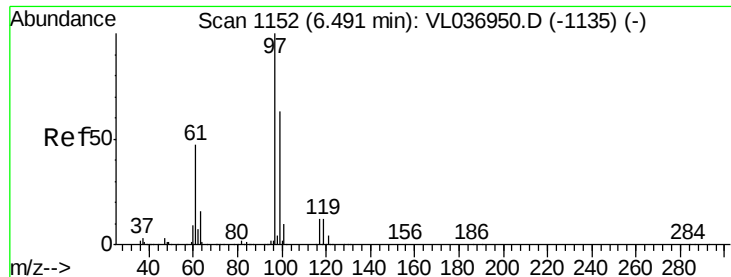
Tot Ion: 84 Resp: 36485
Ion Ratio Lower Upper
84 100
56 204.7 107.9 161.9#
41 163.5 65.5 98.3#



#31
cis-1,2-Dichloroethene
Concen: 0.481 ppbv
RT: 5.52 min Scan# 851
Delta R.T. -0.01 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion: 61 Resp: 65691
Ion Ratio Lower Upper
61 100
96 58.3 55.9 83.9
98 36.4 35.6 53.4





#32

1,1,1-Trichloroethane

Concen: 0.490 ppbv

RT: 6.49 min Scan# 1152

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

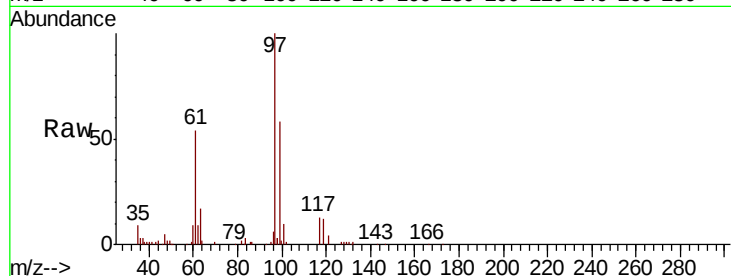
Tot Ion: 97 Resp: 113340

Ion Ratio Lower Upper

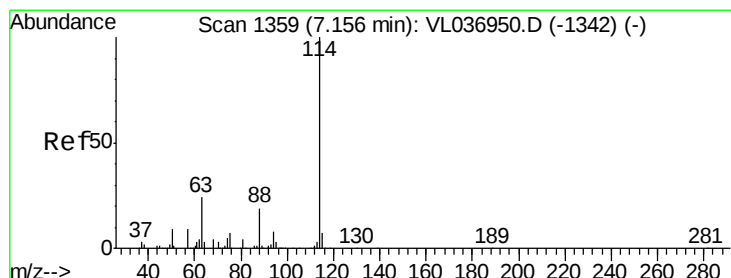
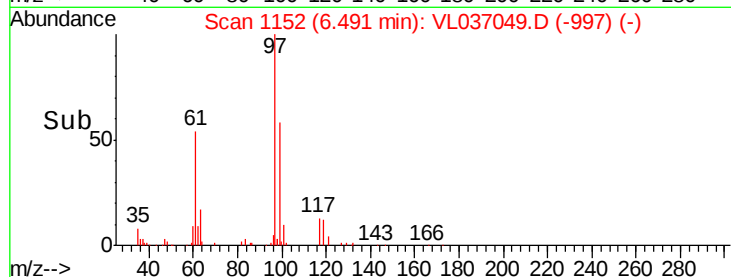
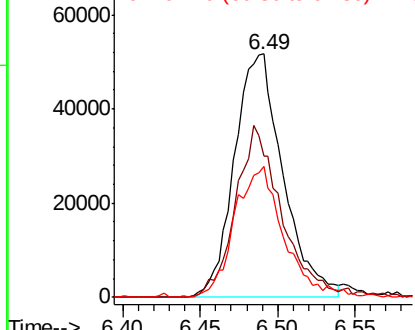
97 100

99 68.2 51.9 77.9

61 54.5 37.6 56.4



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

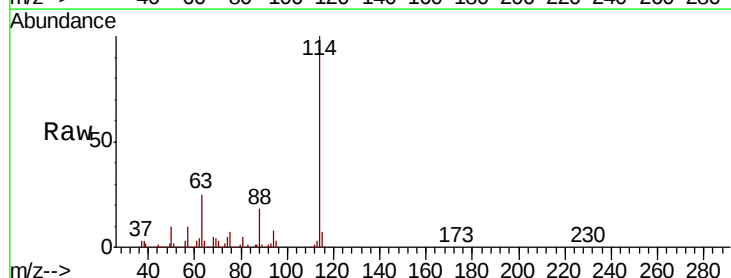
Tgt Ion: 114 Resp: 3599183

Ion Ratio Lower Upper

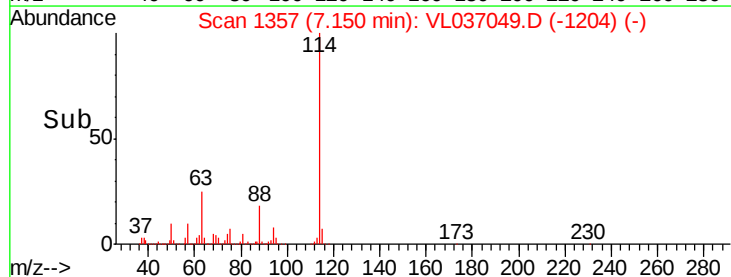
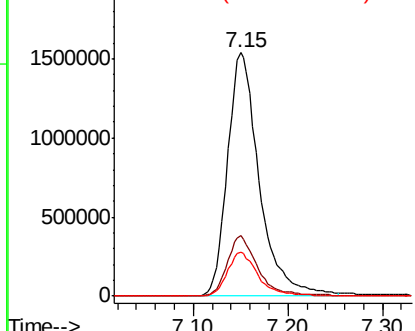
114 100

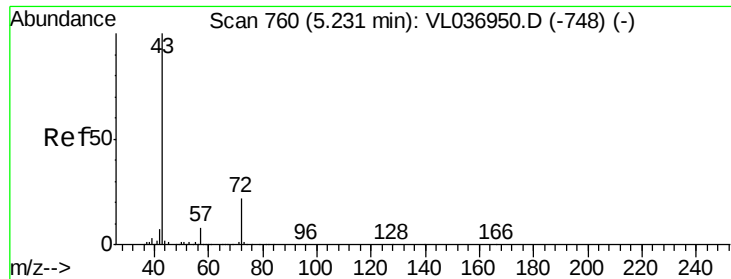
63 24.1 19.6 29.4

88 17.7 14.6 21.8



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

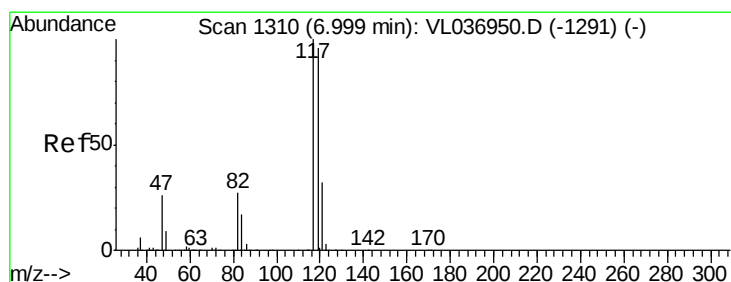
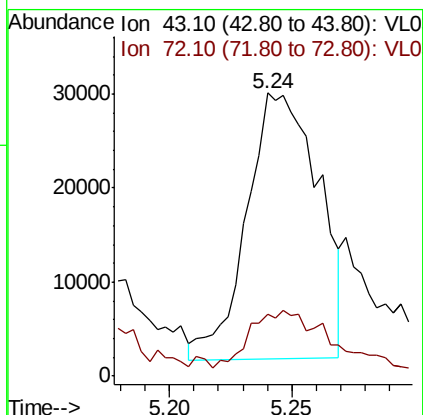
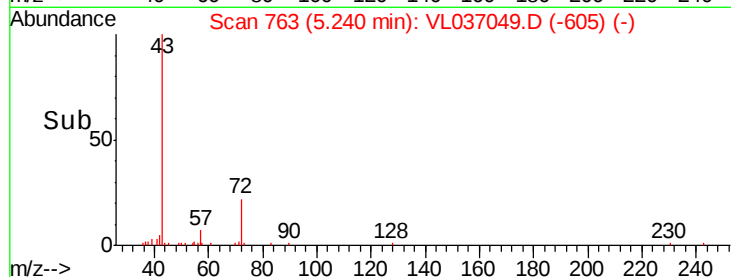
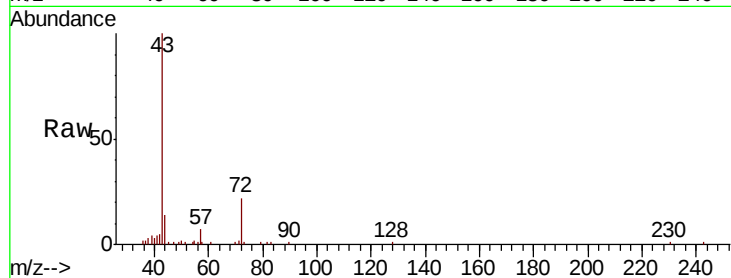




#34
2-Butanone
Concen: 0.439 ppbv
RT: 5.24 min Scan# 763
Delta R.T. 0.01 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

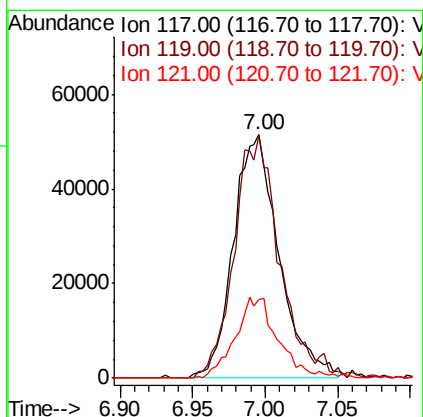
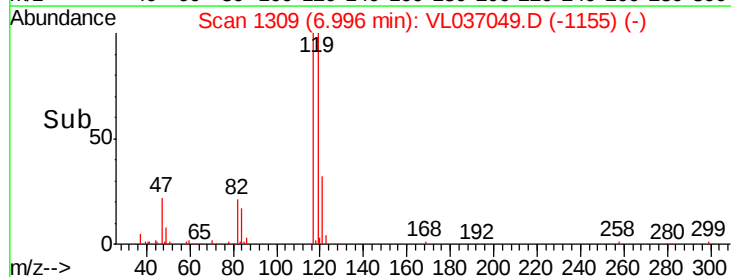
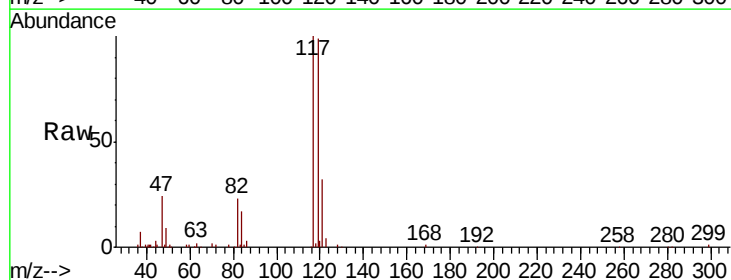
Instrument :
MSVOA_L
ClientSampleId :

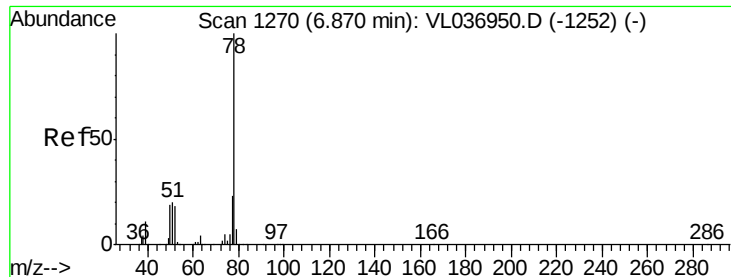
Tot Ion: 43 Resp: 57530
Ion Ratio Lower Upper
43 100
72 31.7 19.0 28.4#



#35
Carbon Tetrachloride
Concen: 0.471 ppbv
RT: 7.00 min Scan# 1309
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion: 117 Resp: 112726
Ion Ratio Lower Upper
117 100
119 99.3 76.6 114.8
121 32.1 25.8 38.6

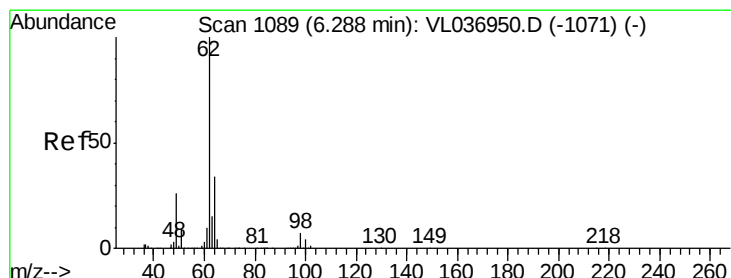
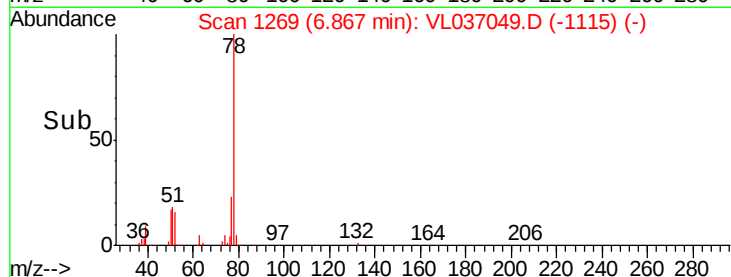
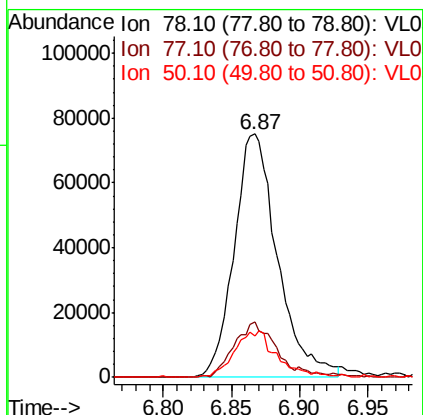
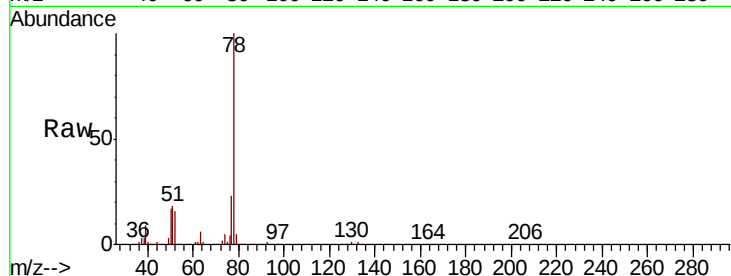




#36
Benzene
Concen: 0.534 ppbv
RT: 6.87 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

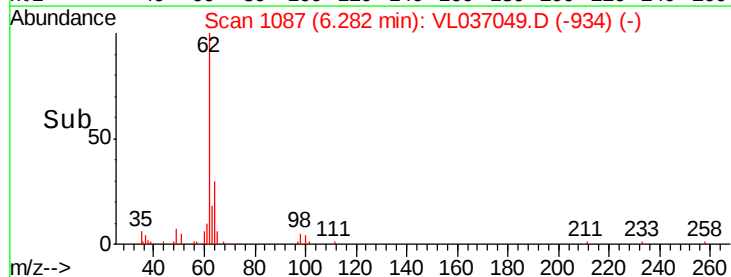
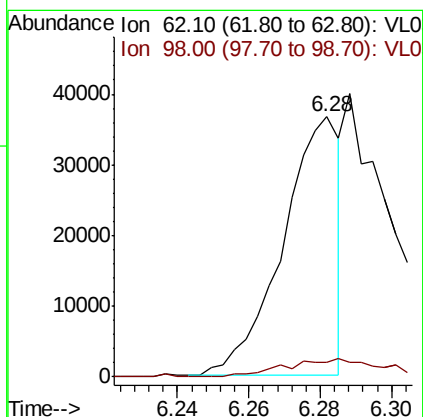
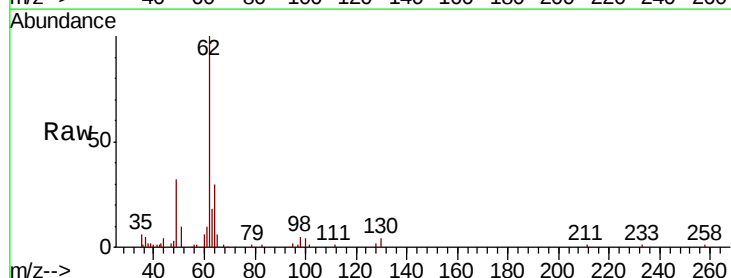
Instrument :
MSVOA_L
ClientSampleId :

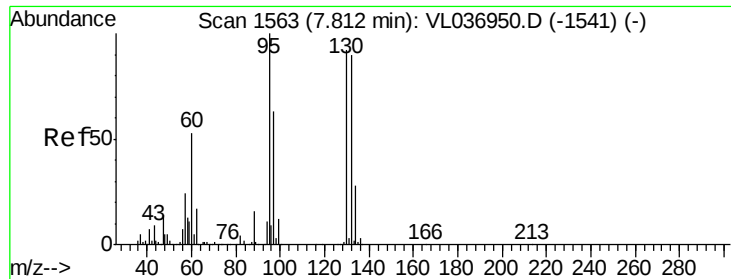
Tot Ion: 78 Resp: 165701
Ion Ratio Lower Upper
78 100
77 22.9 18.6 28.0
50 16.5 15.0 22.4



#37
1,2-Dichloroethane
Concen: 0.263 ppbv
RT: 6.28 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion: 62 Resp: 40458
Ion Ratio Lower Upper
62 100
98 0.0 5.5 8.3#

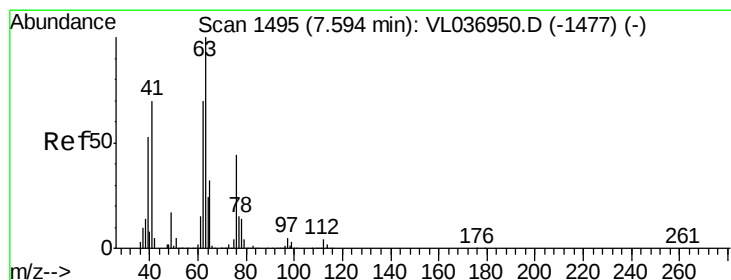
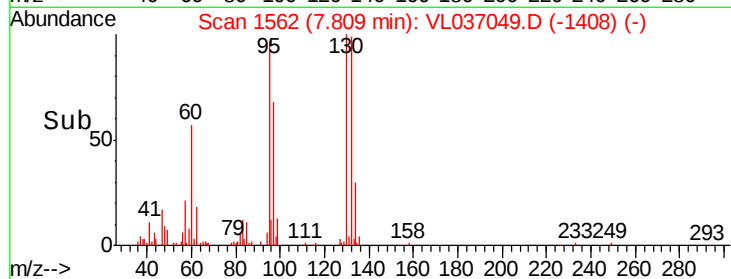
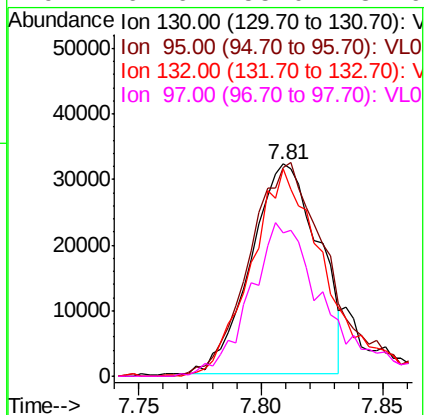
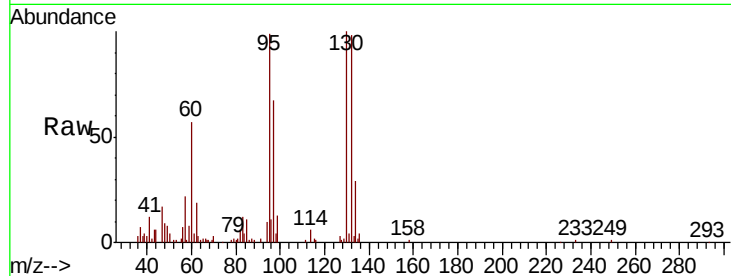




#38
 Trichloroethene
 Concen: 0.462 ppbv
 RT: 7.81 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

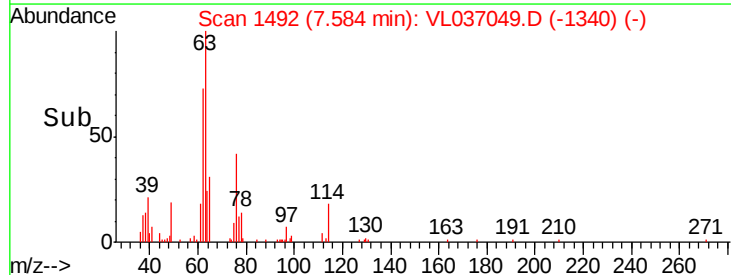
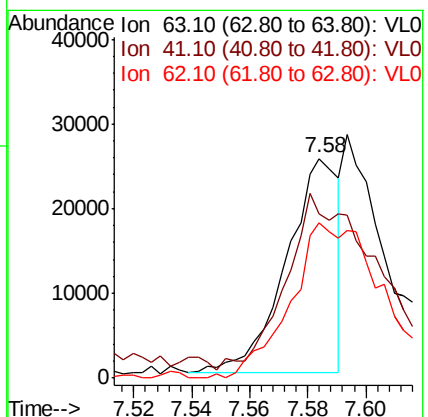
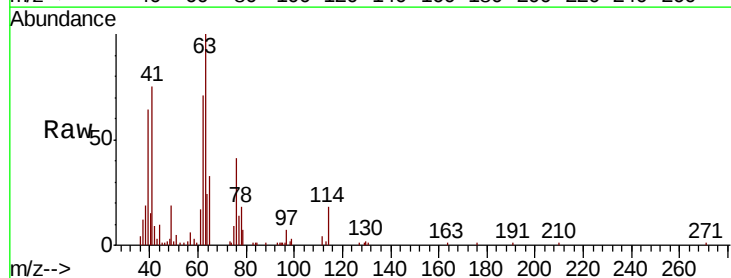
Instrument :
 MSVOA_L
 ClientSampleId :

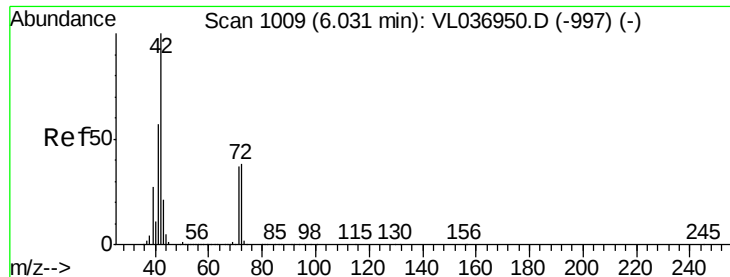
Tot Ion:130	Resp:	61325	
Ion Ratio	Lower	Upper	
130 100			
95 97.8	86.9	130.3	
132 98.0	78.4	117.6	
97 67.6	55.0	82.6	



#39
 1,2-Dichloropropane
 Concen: 0.265 ppbv
 RT: 7.58 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Tgt	Ion: 63	Resp:	31635
Ion	Ratio	Lower	Upper
63	100		
41	66.6	55.7	83.5
62	72.6	56.2	84.4





#41

Tetrahydrofuran

Concen: 0.112 ppbv

RT: 6.05 min Scan# 1015

Delta R.T. 0.02 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

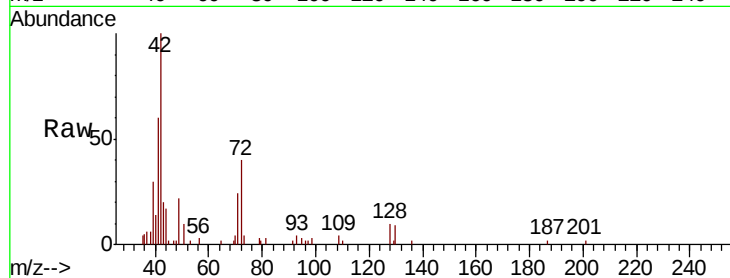
Tot Ion: 42 Resp: 8394

Ion Ratio Lower Upper

42 100

72 153.2 31.4 47.2#

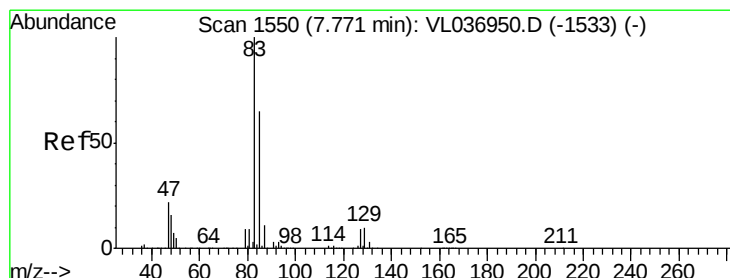
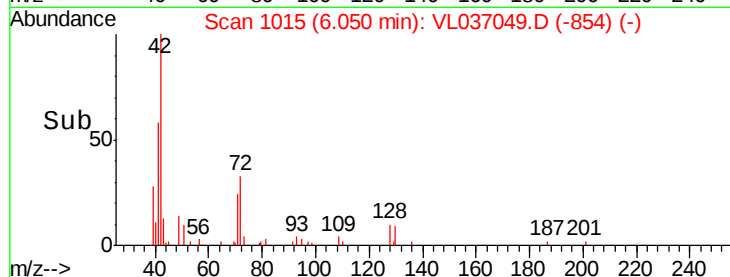
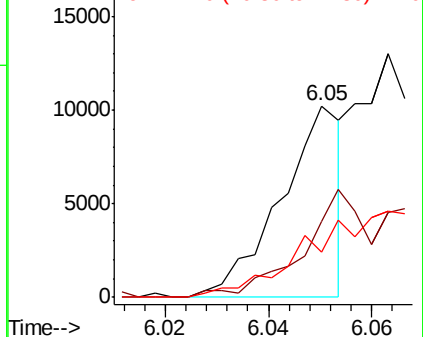
71 0.0 30.4 45.6#



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: 0.448 ppbv

RT: 7.77 min Scan# 1549

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

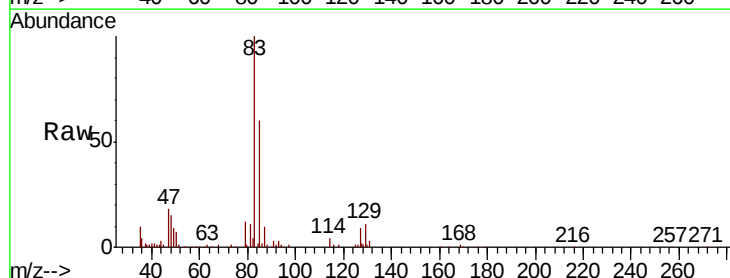
Tgt Ion: 83 Resp: 104257

Ion Ratio Lower Upper

83 100

85 59.8 51.7 77.5

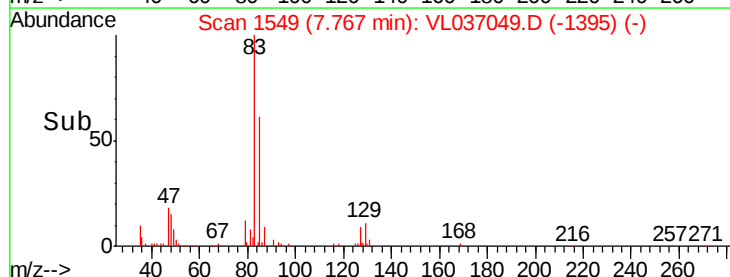
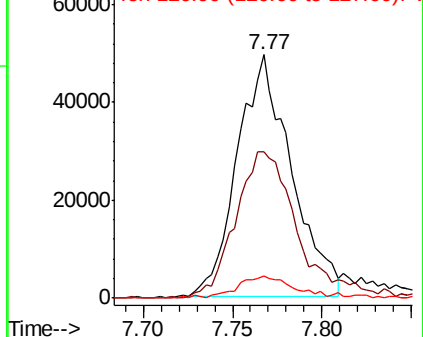
127 10.8 6.9 10.3#

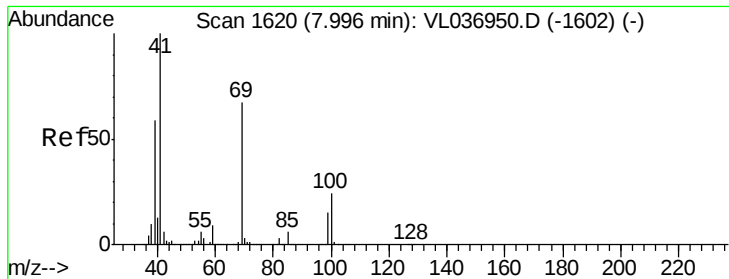


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

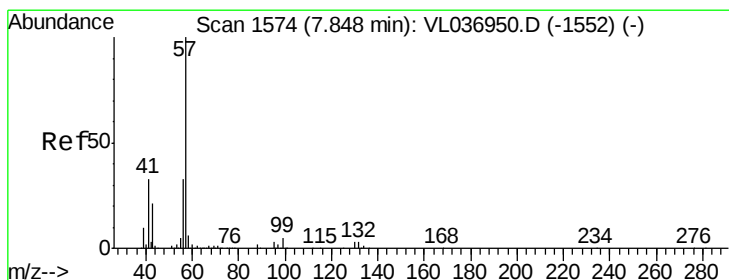
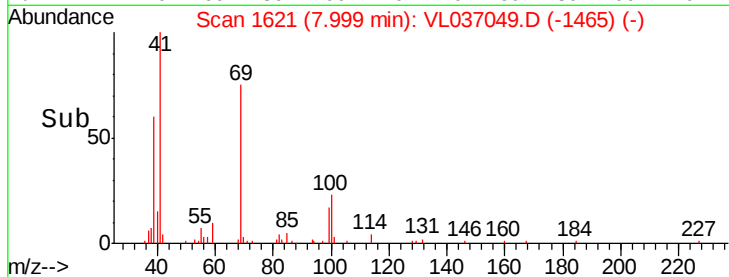
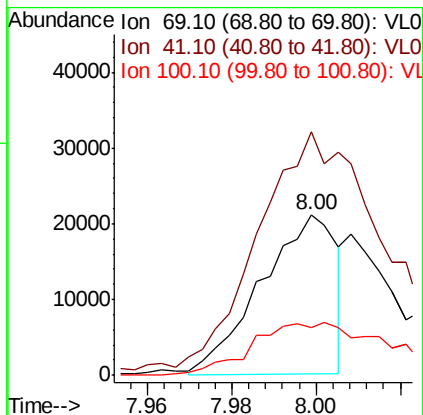
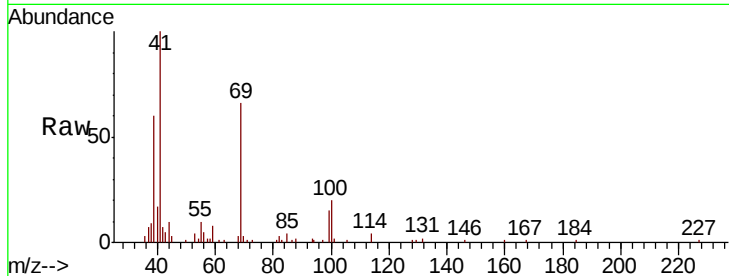




#43
Methvl Methacrylate
Concen: 0.245 ppbv
RT: 8.00 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

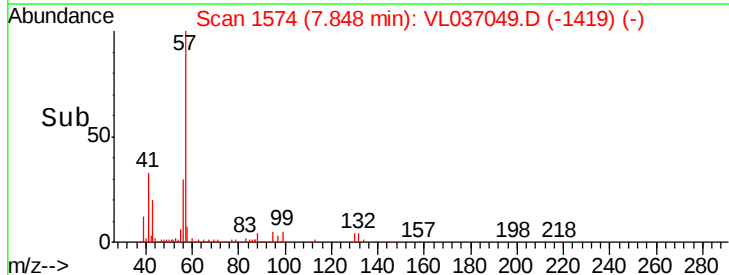
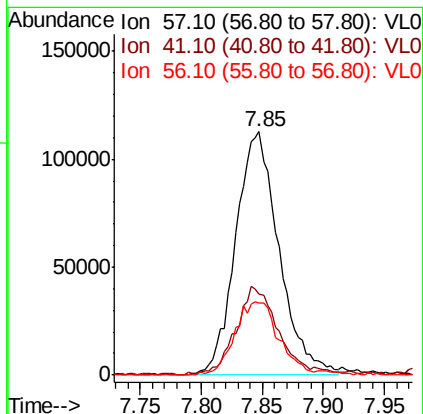
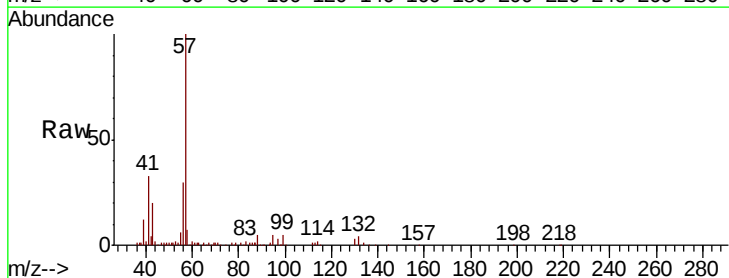
Instrument :
MSVOA_L
ClientSampled :

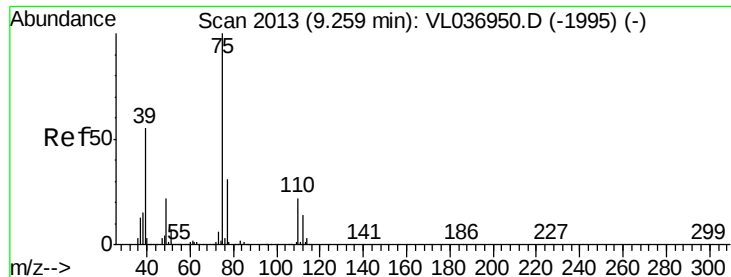
Tot Ion: 69 Resp: 26188
Ion Ratio Lower Upper
69 100
41 275.5 118.6 178.0#
100 64.4 28.2 42.4#



#44
2,2,4-Trimethylpentane
Concen: 0.521 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion: 57 Resp: 277202
Ion Ratio Lower Upper
57 100
41 36.1 27.0 40.4
56 31.8 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 0.130 ppbv

RT: 9.25 min Scan# 2011

Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

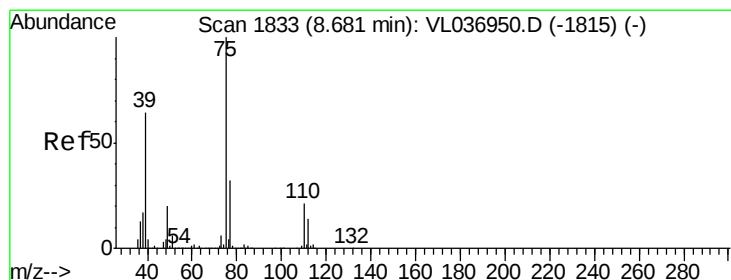
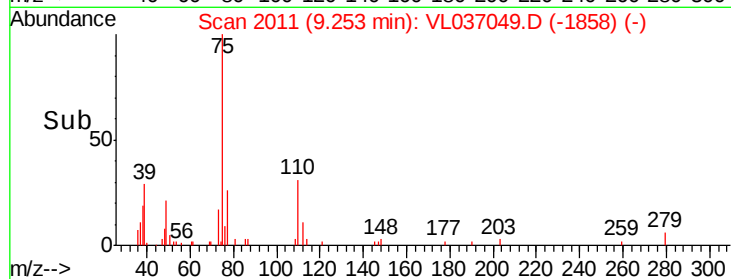
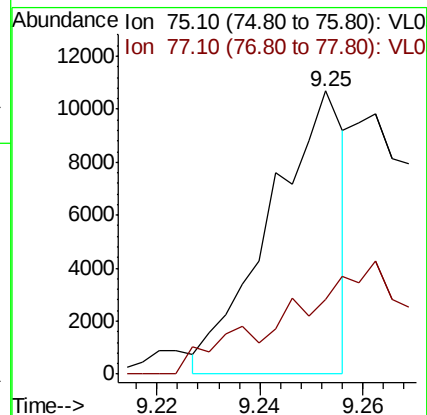
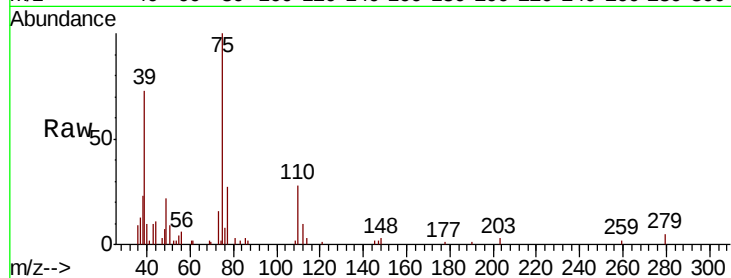
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 75 Resp: 10589

Ion Ratio Lower Upper

75 100

77 26.5 24.4 36.6



#46

cis-1,3-Dichloropropene

Concen: 0.323 ppbv

RT: 8.68 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

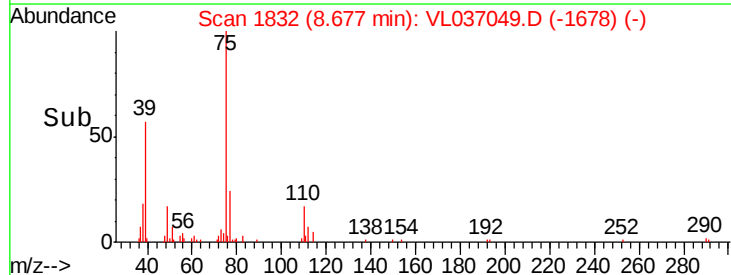
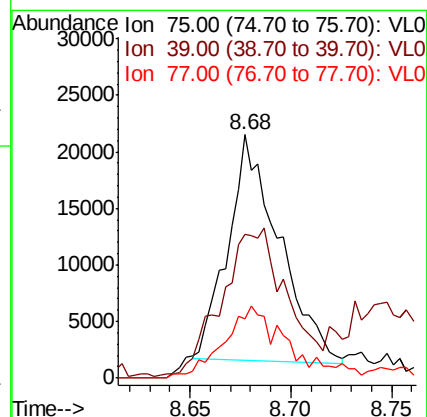
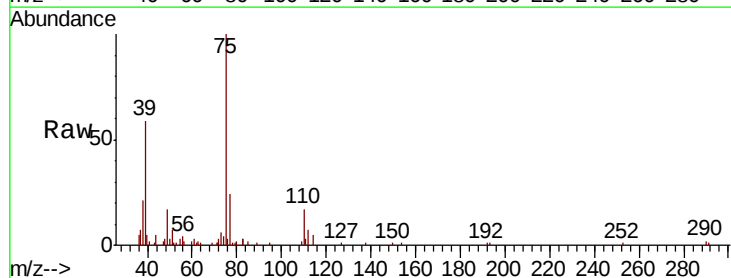
Tgt Ion: 75 Resp: 35420

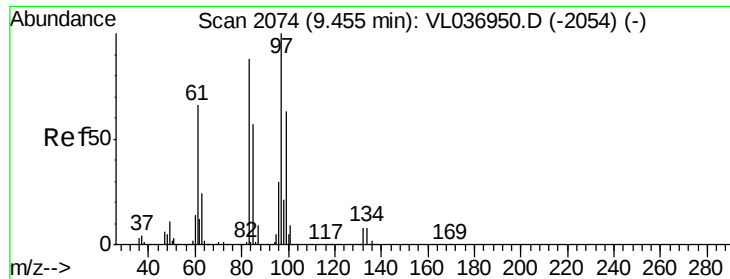
Ion Ratio Lower Upper

75 100

39 55.6 51.5 77.3

77 23.0 25.9 38.9#

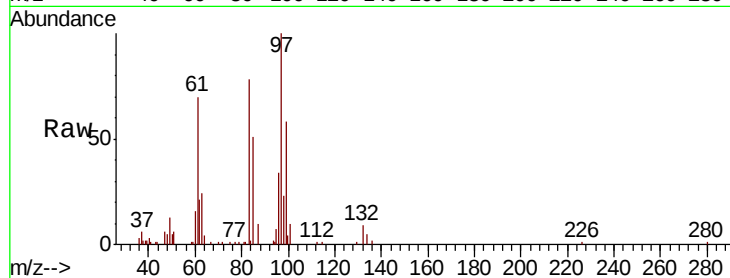




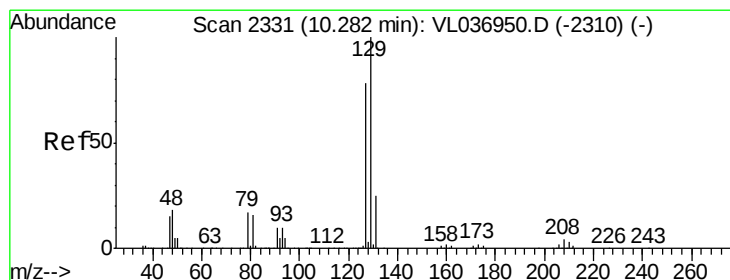
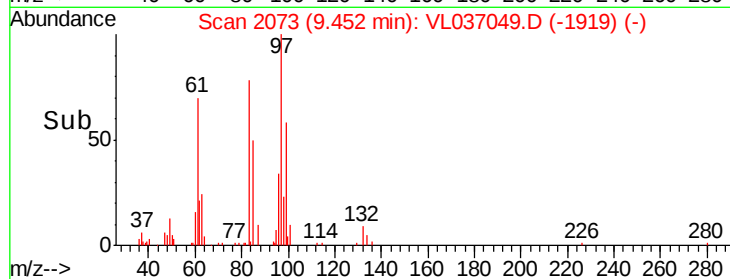
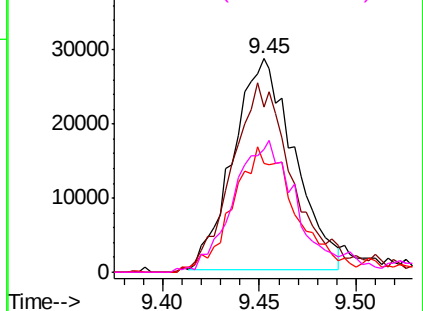
#47
 1,1,2-Trichloroethane
 Concen: 0.501 ppbv
 RT: 9.45 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:	97	Resp:	62639
Ion	Ratio	Lower	Upper
97	100		
83	77.3	70.4	105.6
85	50.0	45.5	68.3
99	56.0	50.2	75.2

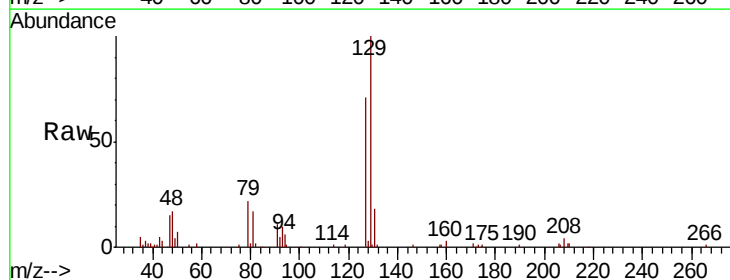


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

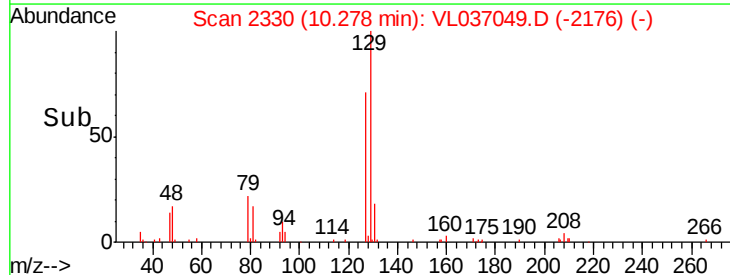
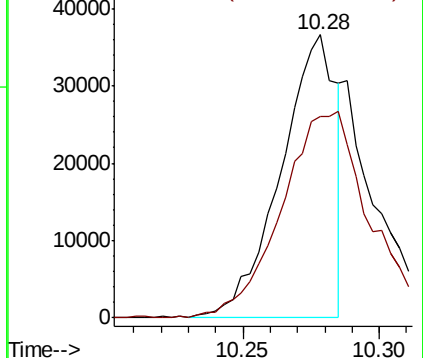


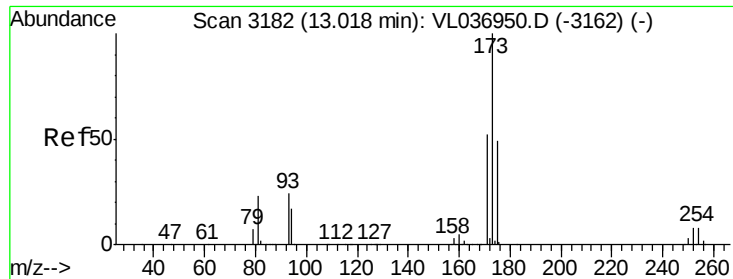
#48
 Dibromochloromethane
 Concen: 0.255 ppbv
 RT: 10.28 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Tgt Ion:	129	Resp:	51597
Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.3	117.8#



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 0.106 ppbv

RT: 13.00 min Scan# 3178

Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

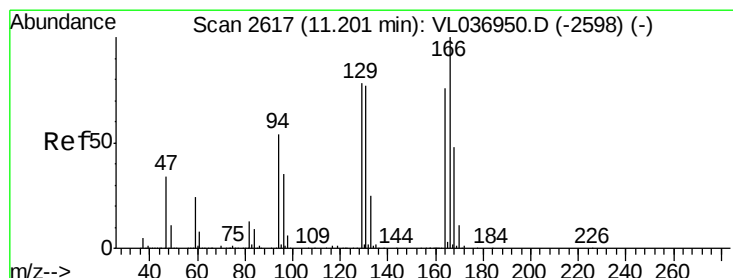
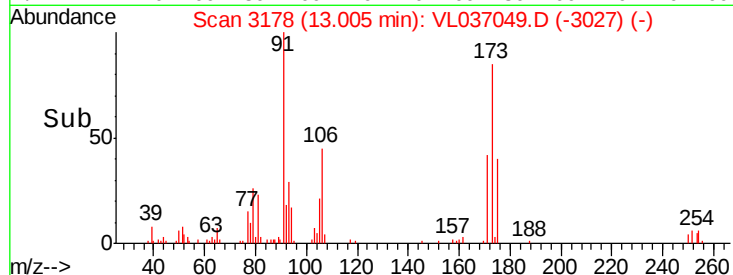
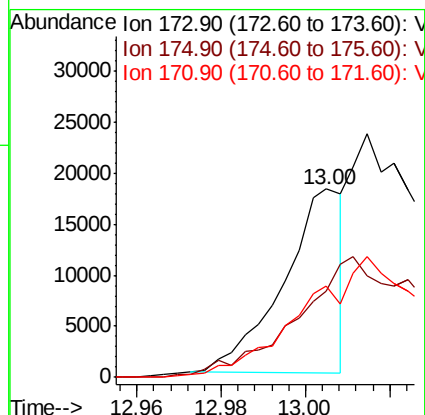
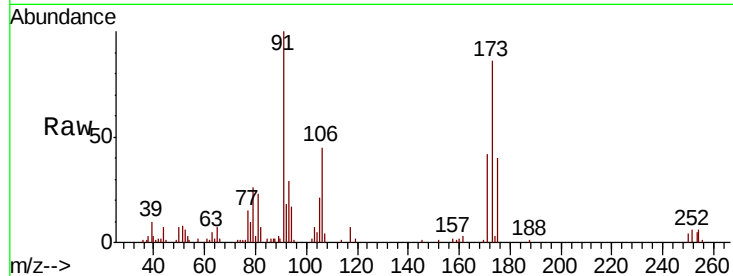
Tot Ion:173 Resp: 17779

Ion Ratio Lower Upper

173 100

175 0.0 40.4 60.6#

171 0.0 42.6 64.0#



#52

Tetrachloroethene

Concen: 0.349 ppbv

RT: 11.20 min Scan# 2616

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion:164 Resp: 43004

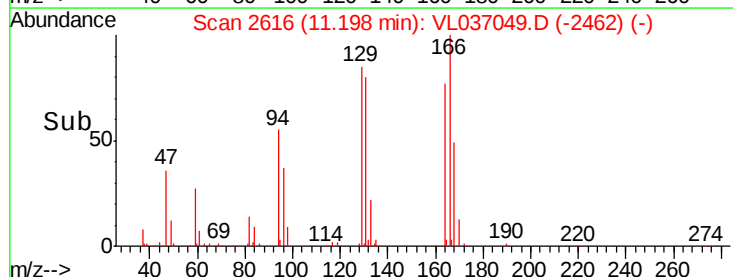
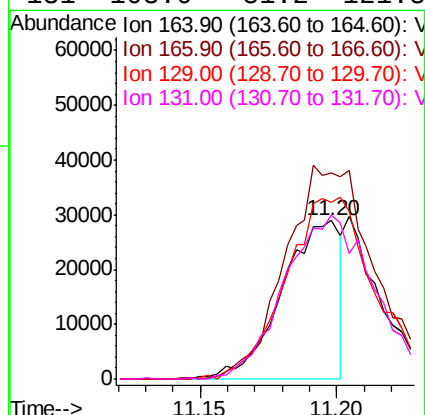
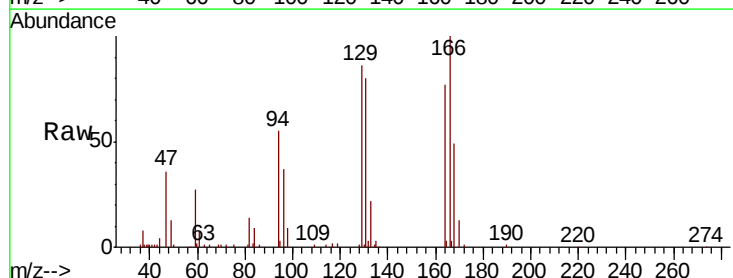
Ion Ratio Lower Upper

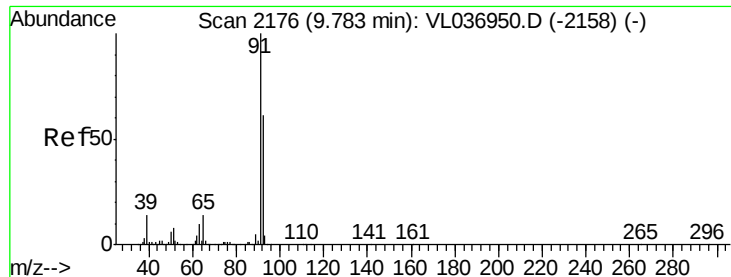
164 100

166 129.2 105.5 158.3

129 111.3 81.8 122.8

131 103.0 81.2 121.8





#53

Toluene

Concen: 0.484 ppbv

RT: 9.78 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

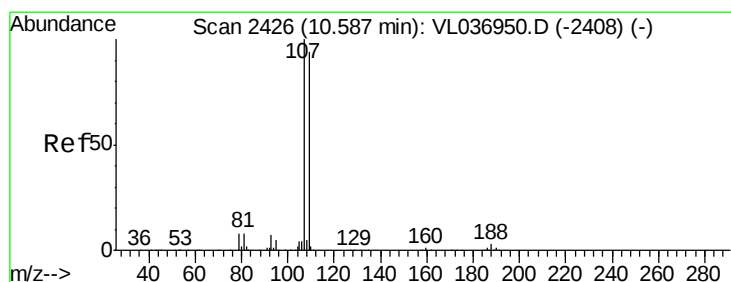
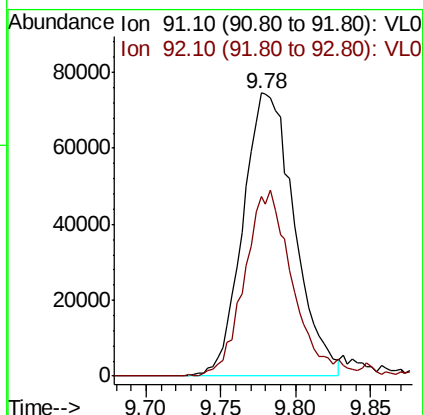
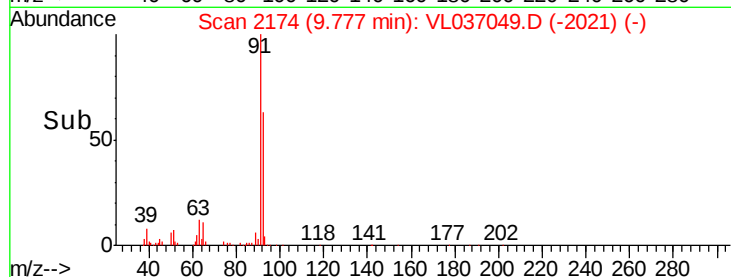
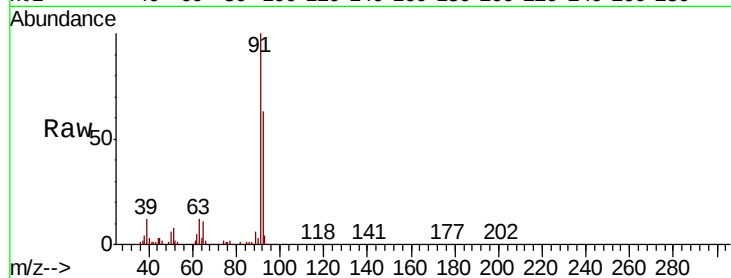
ClientSampleId :

Tot Ion: 91 Resp: 178432

Ion Ratio Lower Upper

91 100

92 63.2 49.5 74.3



#54

1,2-Dibromoethane

Concen: 0.474 ppbv

RT: 10.59 min Scan# 2426

Delta R.T. -0.00 min

Lab File: VL037049.D

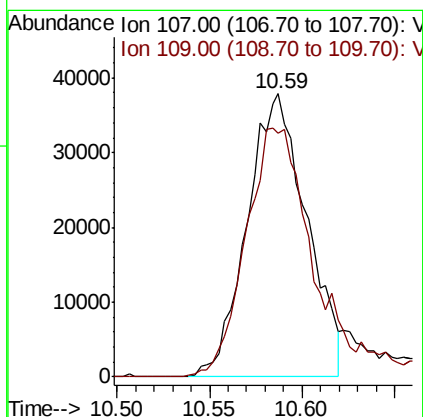
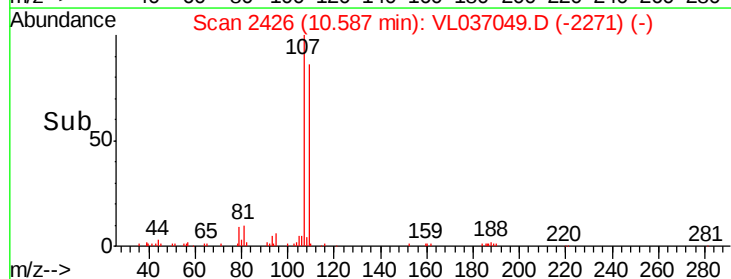
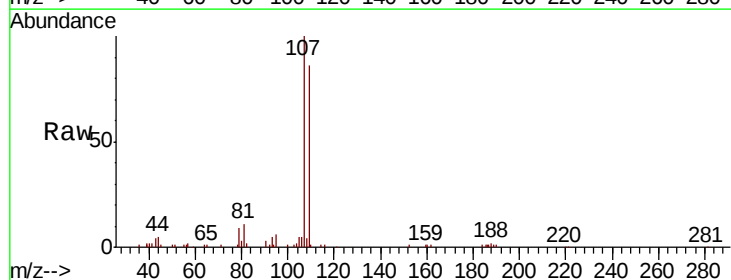
Acq: 24 May 2021 15:33

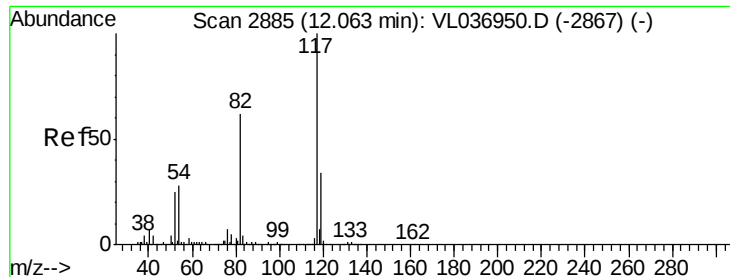
Tgt Ion: 107 Resp: 84316

Ion Ratio Lower Upper

107 100

109 85.3 75.0 112.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2884

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

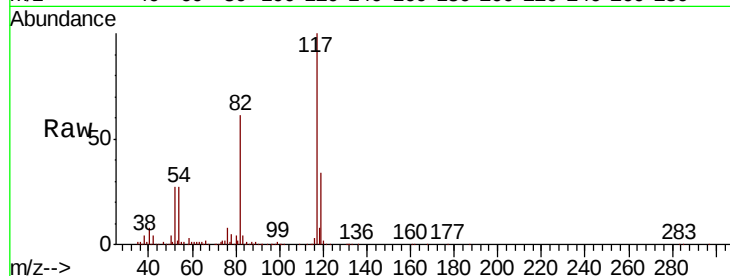
Tot Ion:117 Resp: 3236388

Ion Ratio Lower Upper

117 100

82 62.6 52.6 79.0

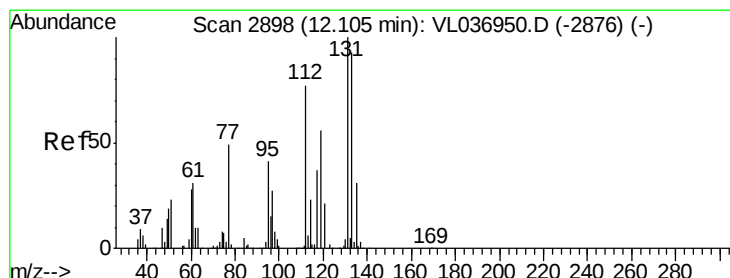
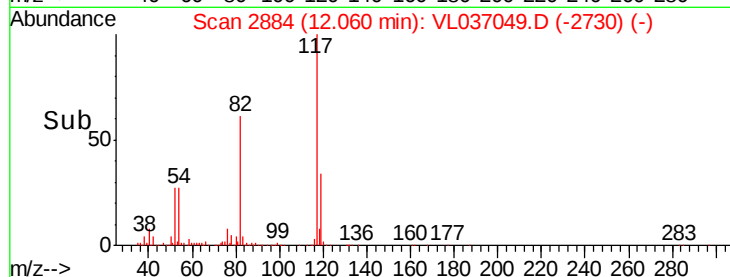
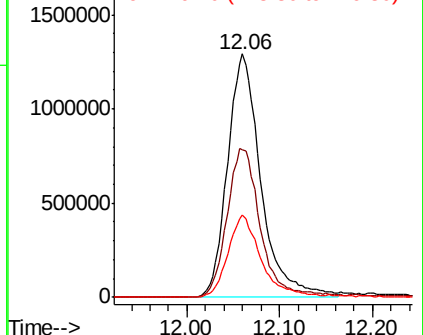
119 34.6 46.6 70.0#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 0.495 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

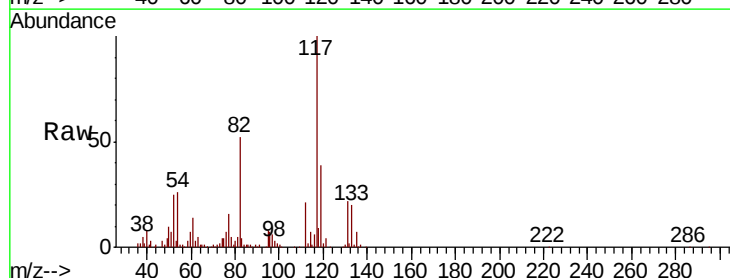
Tgt Ion:131 Resp: 67413

Ion Ratio Lower Upper

131 100

133 102.2 76.9 115.3

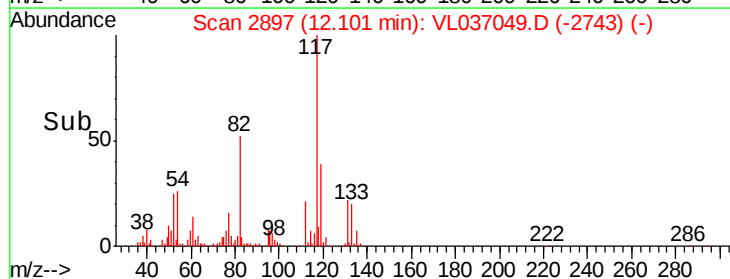
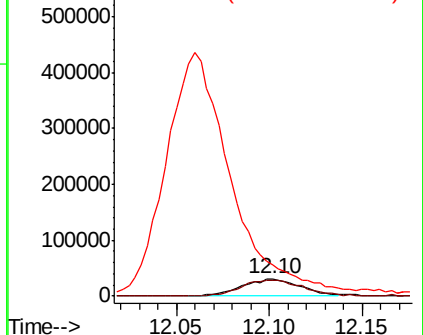
119 1643.6 120.2 180.4#

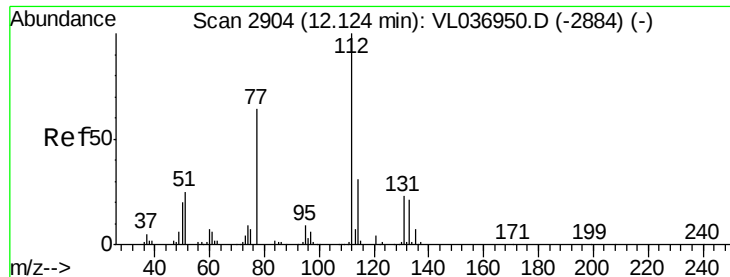


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#57

Chlorobenzene

Concen: 0.315 ppbv

RT: 12.12 min Scan# 2902

Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampled :

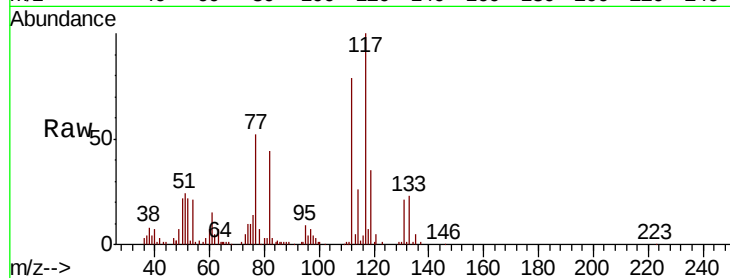
Tot Ion:112 Resp: 79014

Ion Ratio Lower Upper

112 100

77 45.0 51.0 76.6#

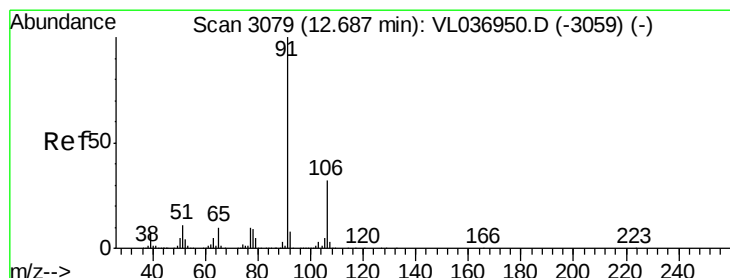
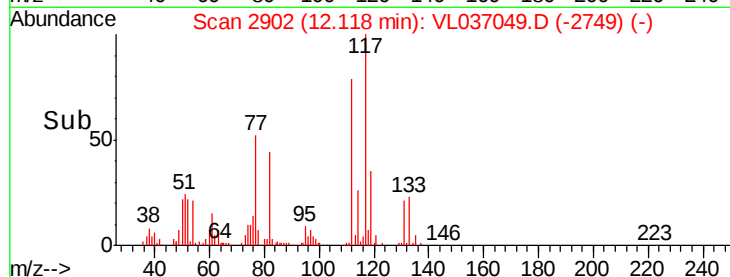
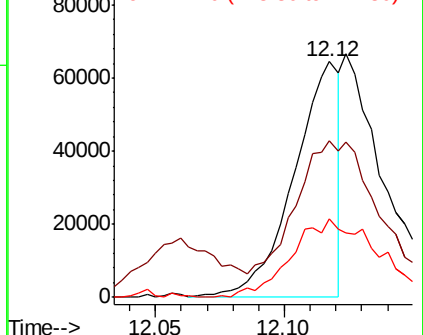
114 32.6 28.3 34.5



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: 0.533 ppbv

RT: 12.69 min Scan# 3079

Delta R.T. -0.00 min

Lab File: VL037049.D

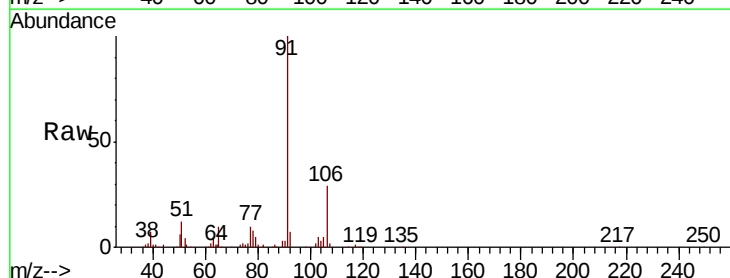
Acq: 24 May 2021 15:33

Tgt Ion: 91 Resp: 243451

Ion Ratio Lower Upper

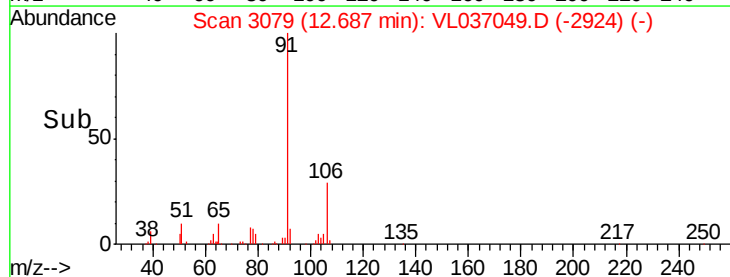
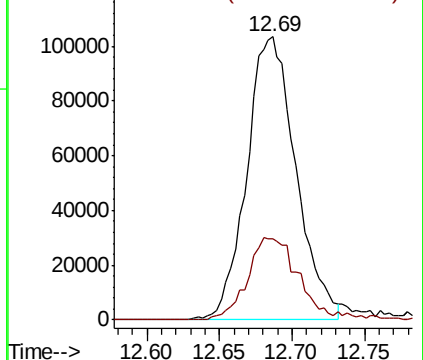
91 100

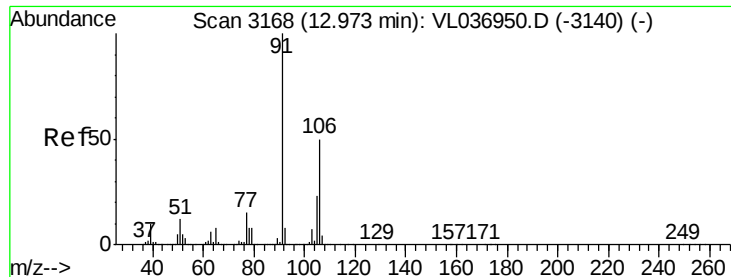
106 28.7 25.6 38.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

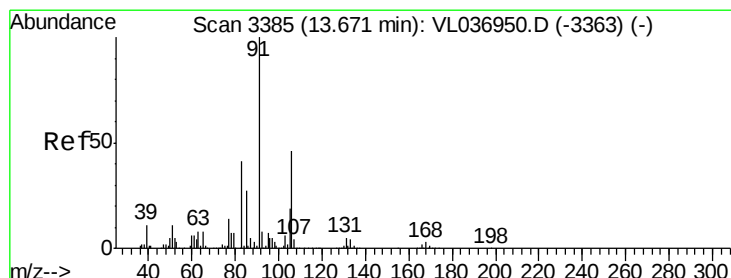
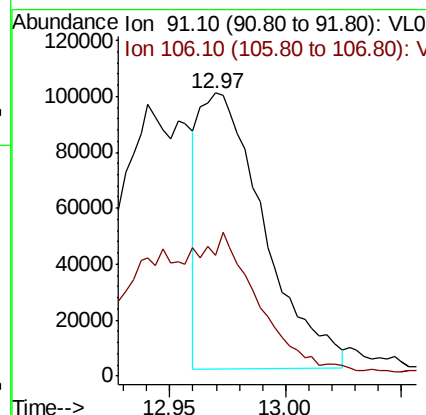
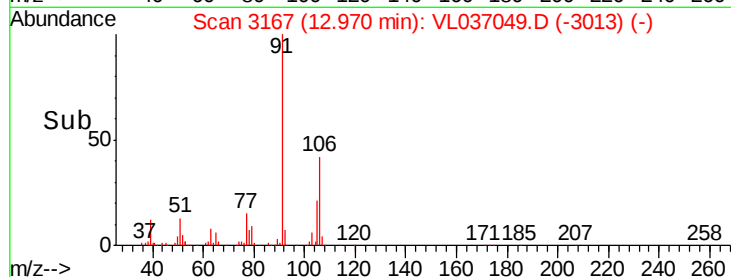
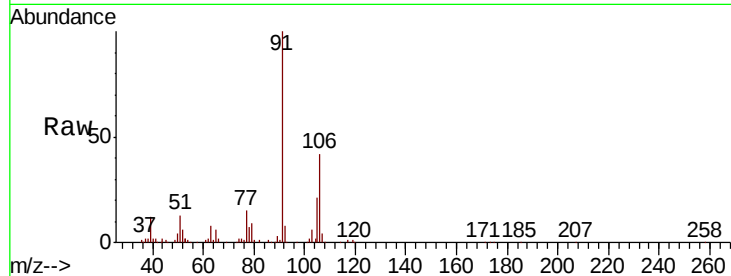




#59
m/p-Xylene
Concen: 0.503 ppbv
RT: 12.97 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

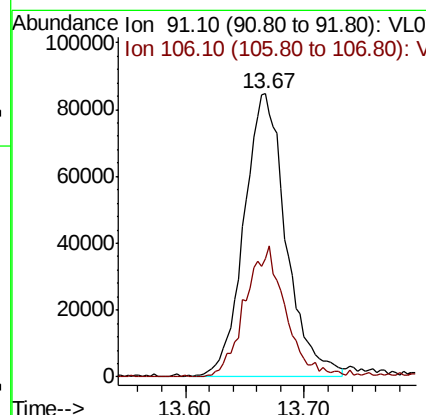
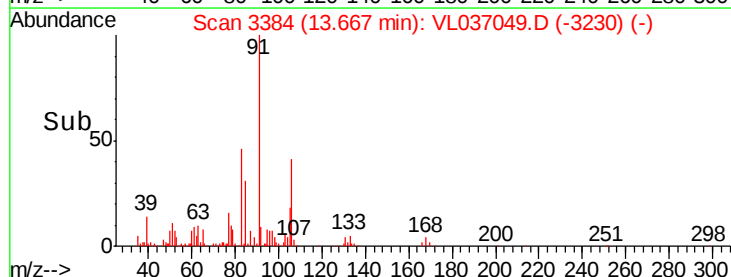
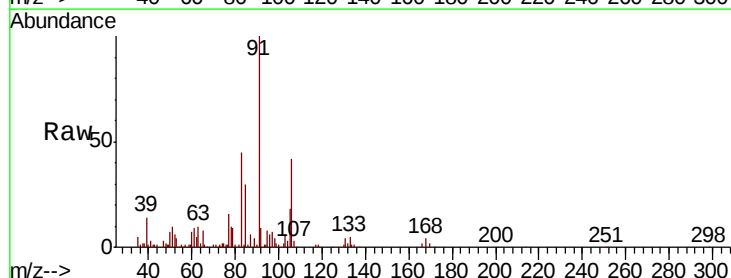
Instrument :
MSVOA_L
ClientSampled :

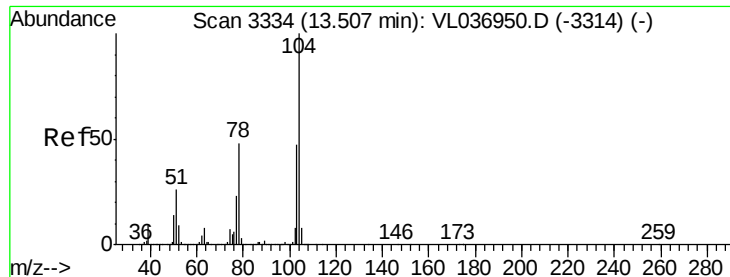
Tot Ion: 91 Resp: 190017
Ion Ratio Lower Upper
91 100
106 102.3 37.4 56.2#



#60
o-Xylene
Concen: 0.572 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion: 91 Resp: 205856
Ion Ratio Lower Upper
91 100
106 45.9 23.4 70.3





#61

Stvrene

Concen: 0.449 ppbv

RT: 13.50 min Scan# 3332

Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

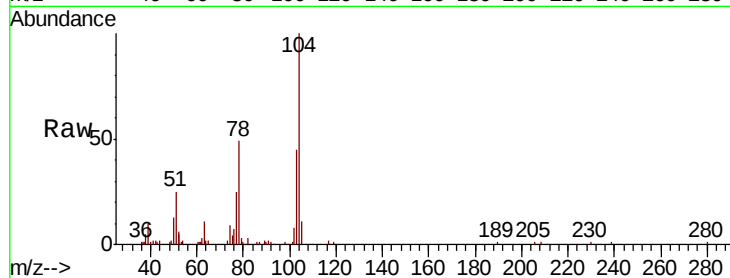
Tot Ion:104 Resp: 91113

Ion Ratio Lower Upper

104 100

78 56.6 39.0 58.6

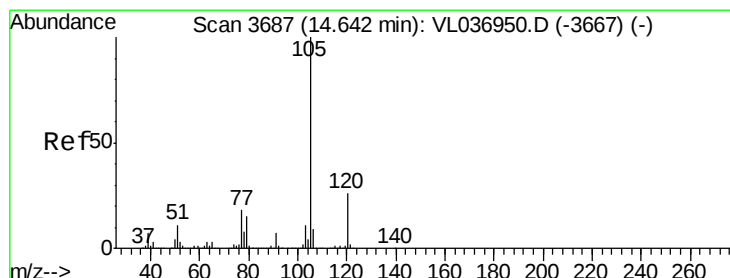
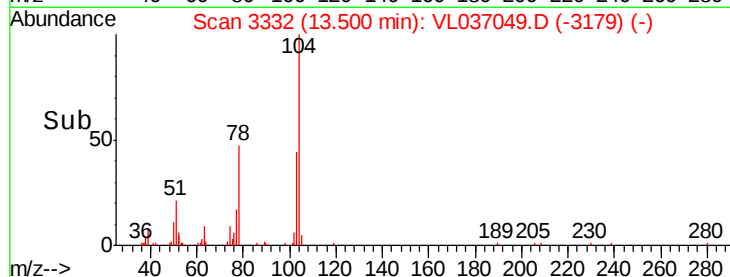
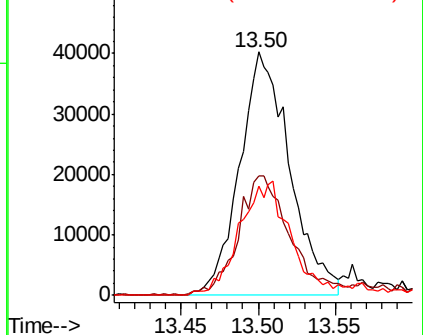
103 51.0 38.0 57.0



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.570 ppbv

RT: 14.64 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VL037049.D

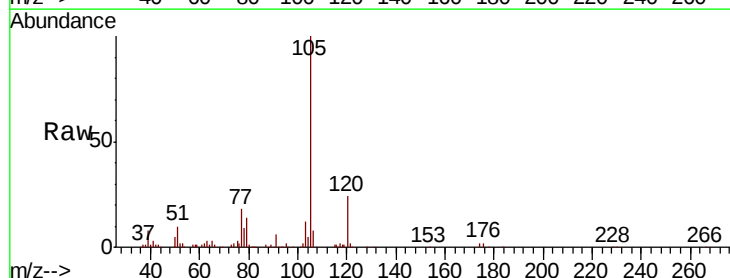
Acq: 24 May 2021 15:33

Tgt Ion:105 Resp: 295013

Ion Ratio Lower Upper

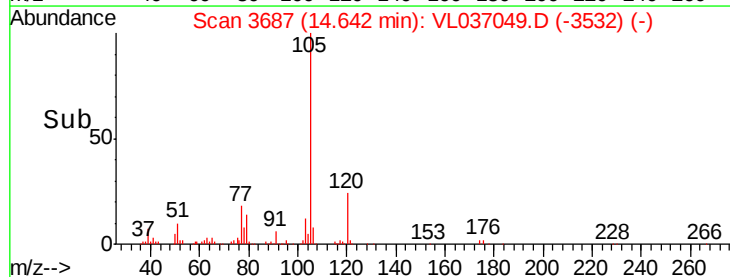
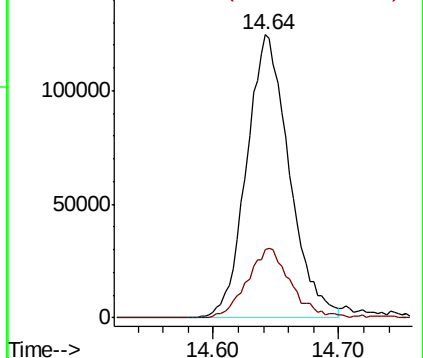
105 100

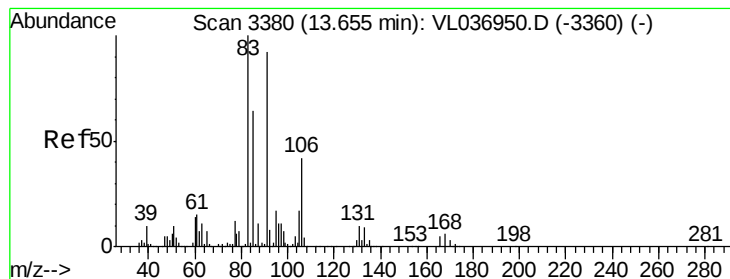
120 25.2 21.7 32.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 0.488 ppbv

RT: 13.65 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

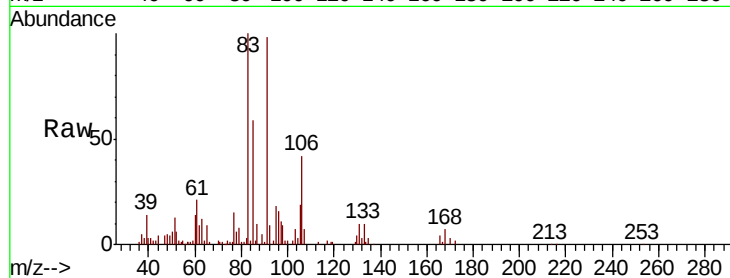
Tot Ion: 83 Resp: 131301

Ion Ratio Lower Upper

83 100

131 12.4 5.0 15.0

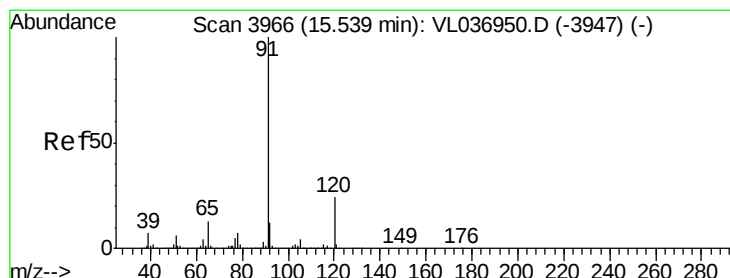
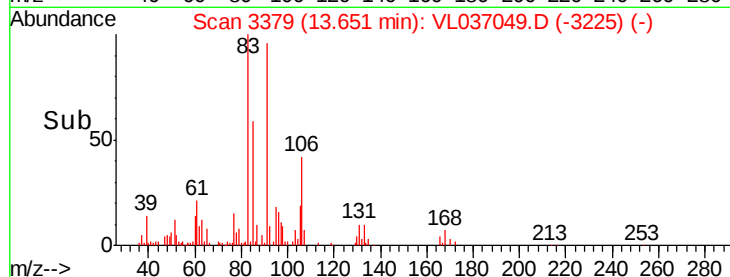
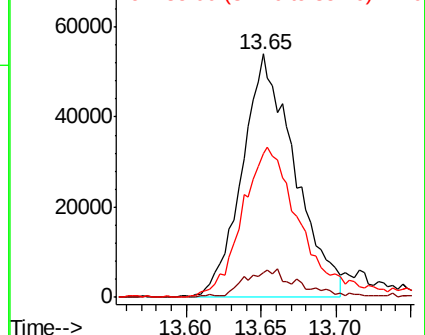
85 68.5 32.9 98.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 0.486 ppbv

RT: 15.54 min Scan# 3965

Delta R.T. -0.00 min

Lab File: VL037049.D

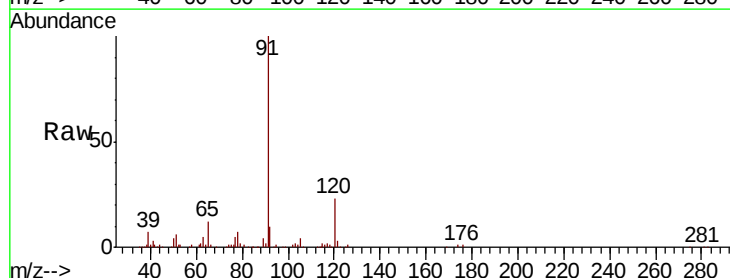
Acq: 24 May 2021 15:33

Tgt Ion:120 Resp: 64915

Ion Ratio Lower Upper

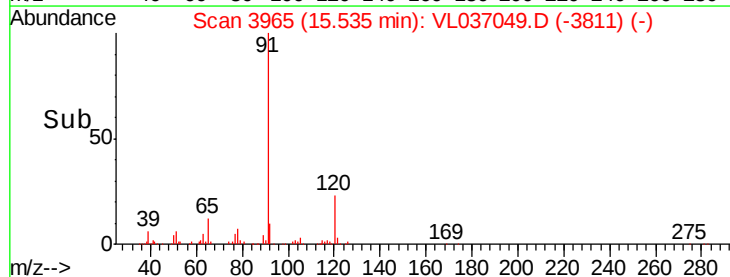
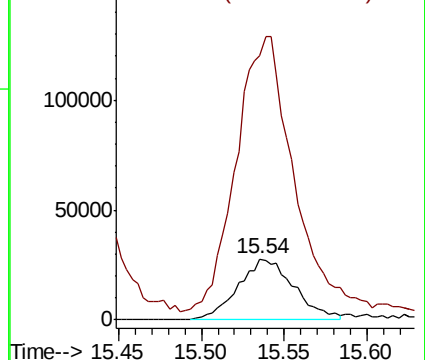
120 100

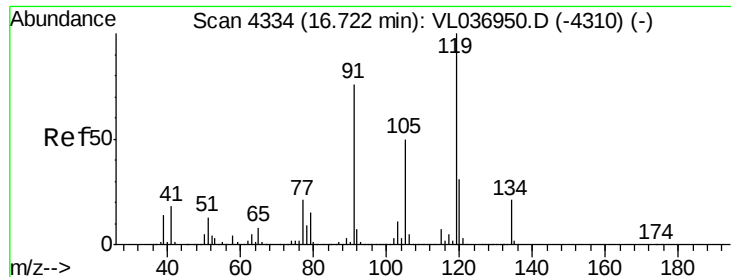
91 527.3 343.8 515.6#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

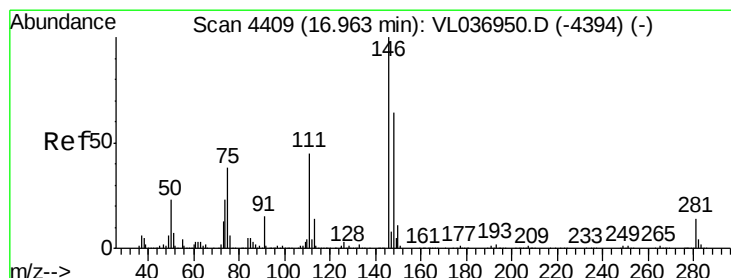
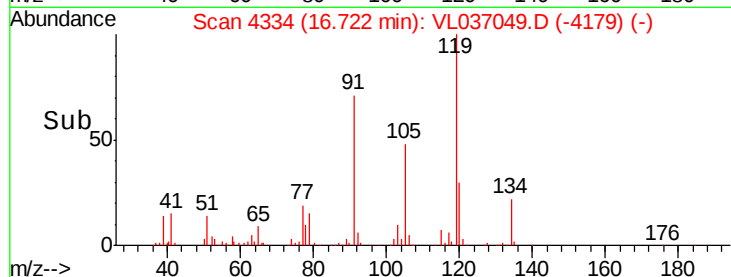
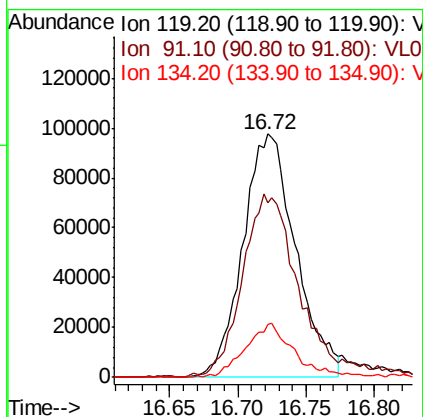
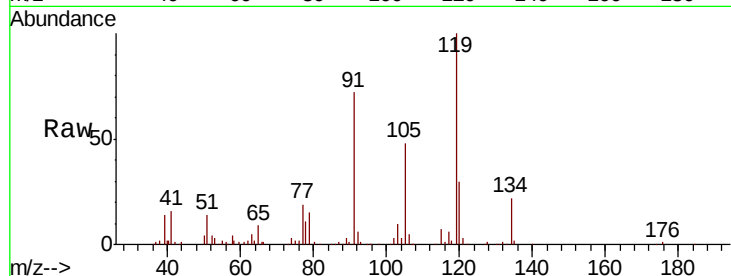




#65
tert-Butylbenzene
Concen: 0.558 ppbv
RT: 16.72 min Scan# 4334
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

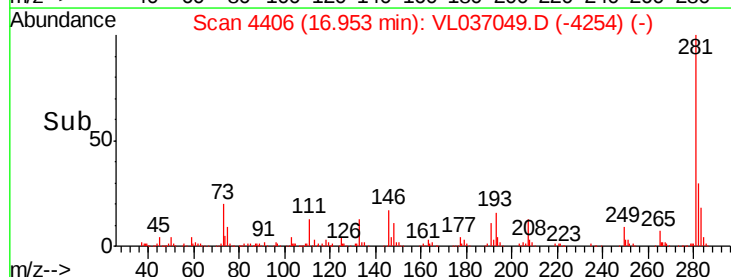
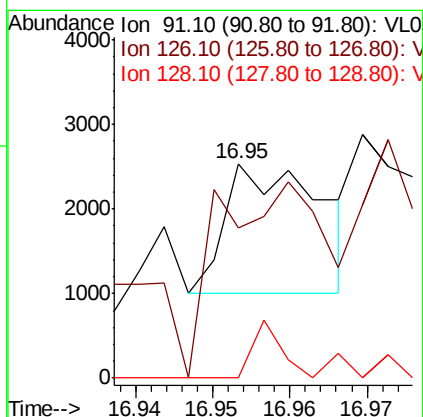
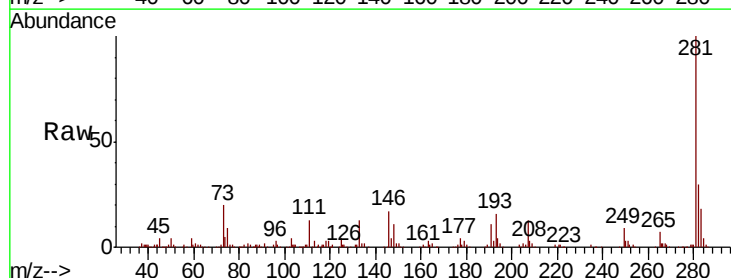
Instrument :
MSVOA_L
ClientSampled :

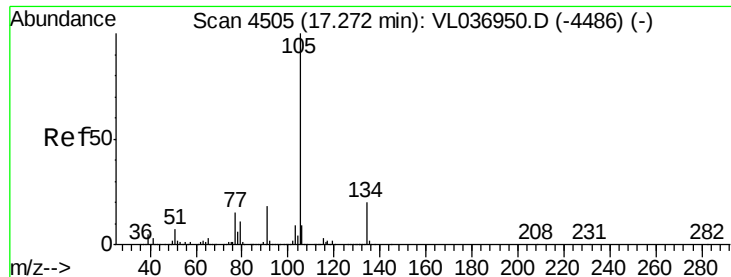
Tot Ion: 119 Resp: 260526
Ion Ratio Lower Upper
119 100
91 84.1 61.9 92.9
134 20.9 16.2 24.4



#66
Benzyl Chloride
Concen: 0.050 ppbv
RT: 16.95 min Scan# 4406
Delta R.T. -0.01 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion: 91 Resp: 1307
Ion Ratio Lower Upper
91 100
126 589.3 16.5 24.7#
128 50.8 5.5 8.3#





#67

sec-Butylbenzene

Concen: 0.530 ppbv

RT: 17.27 min Scan# 4505

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

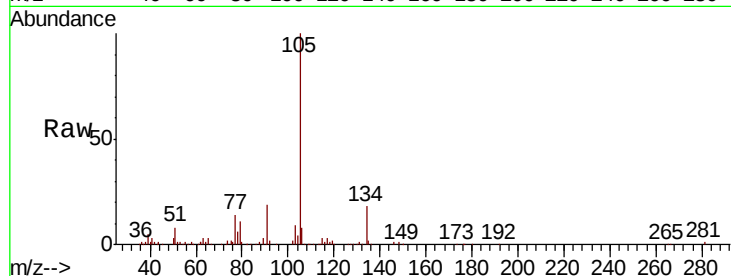
ClientSampled :

Tot Ion:105 Resp: 337465

Ion Ratio Lower Upper

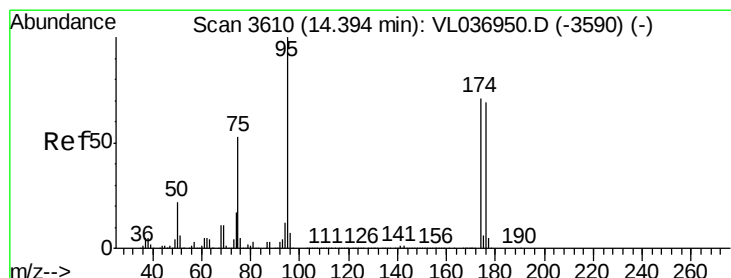
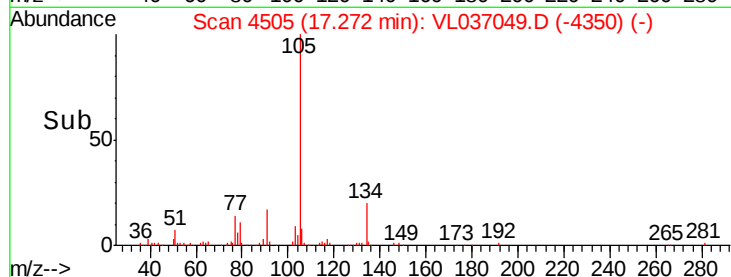
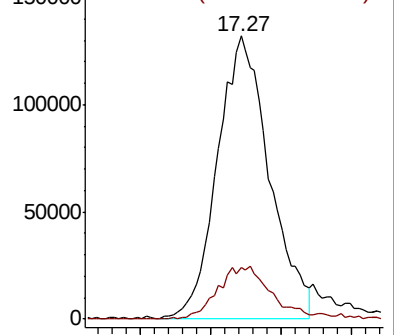
105 100

134 20.5 15.6 23.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.632 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

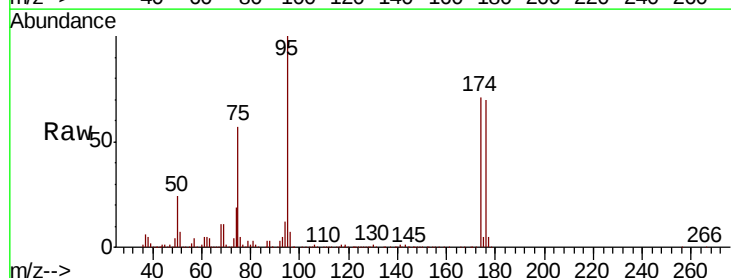
Tgt Ion: 95 Resp: 2341877

Ion Ratio Lower Upper

95 100

174 75.3 58.4 87.6

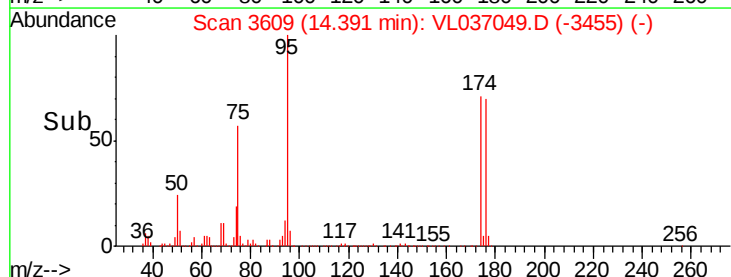
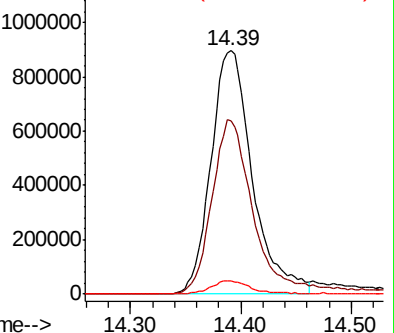
175 5.8 4.4 6.6

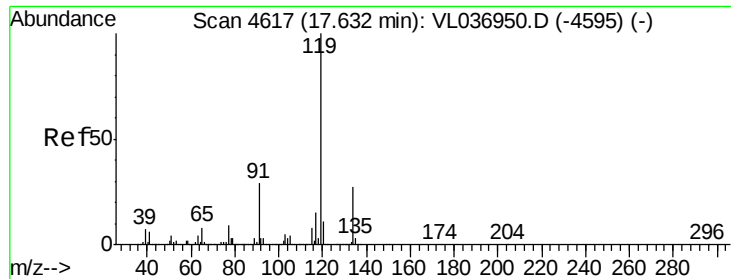


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

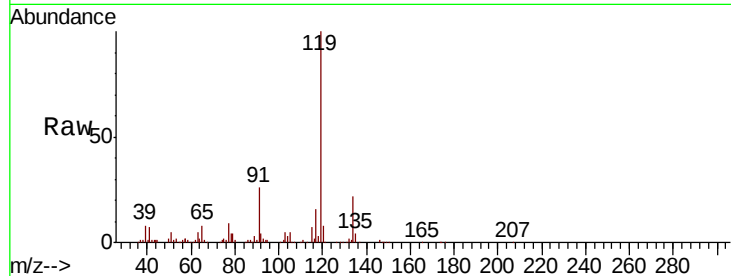




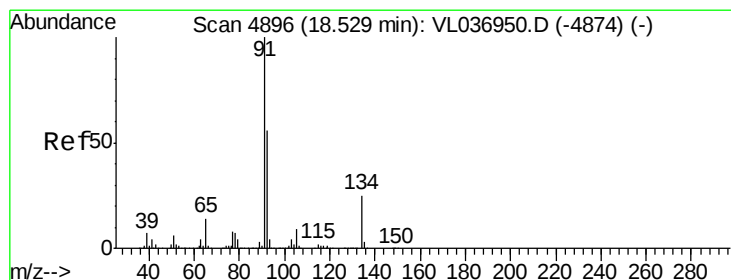
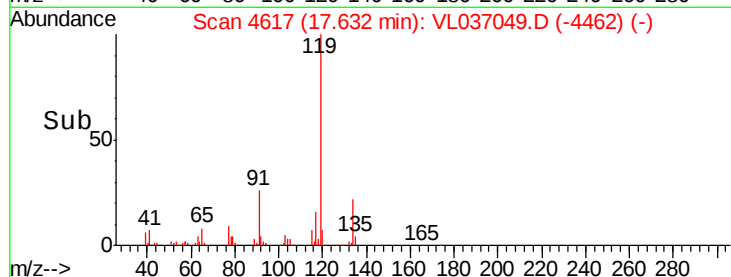
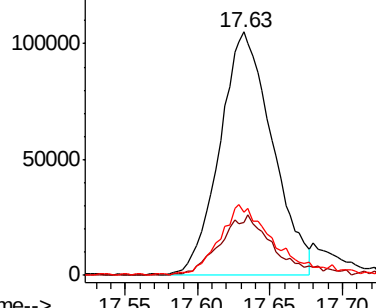
#69
p-Isopropyltoluene
Concen: 0.485 ppbv
RT: 17.63 min Scan# 4617
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Instrument :
MSVOA_L
ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.6	21.2	31.8
91	29.9	22.2	33.4

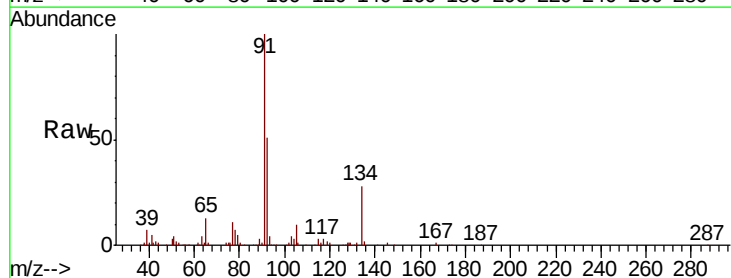


Abundance Ion 119.10 (118.80 to 119.80): V
Ion 134.20 (133.90 to 134.90): V
Ion 91.10 (90.80 to 91.80): V

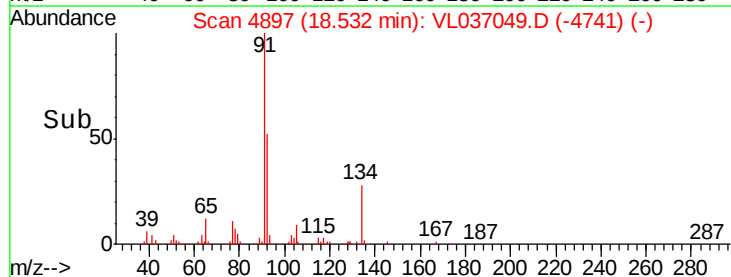
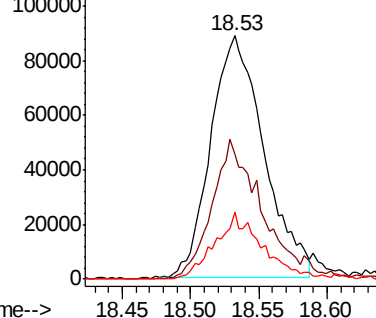


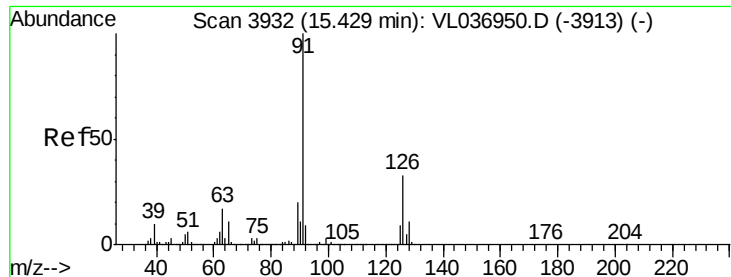
#70
n-Butylbenzene
Concen: 0.462 ppbv
RT: 18.53 min Scan# 4897
Delta R.T. 0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.8	44.6	66.8
134	25.7	20.2	30.2



Abundance Ion 91.10 (90.80 to 91.80): V
Ion 92.10 (91.80 to 92.80): V
Ion 134.20 (133.90 to 134.90): V

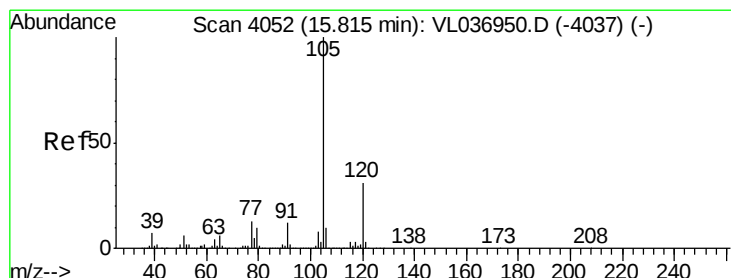
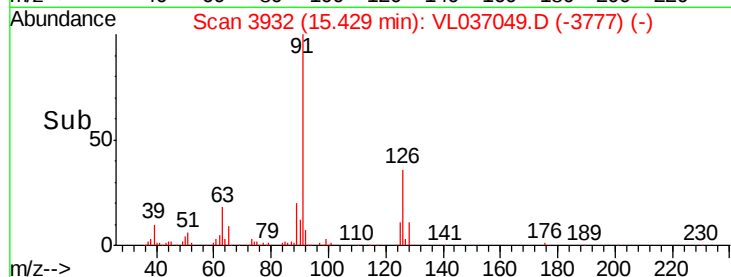
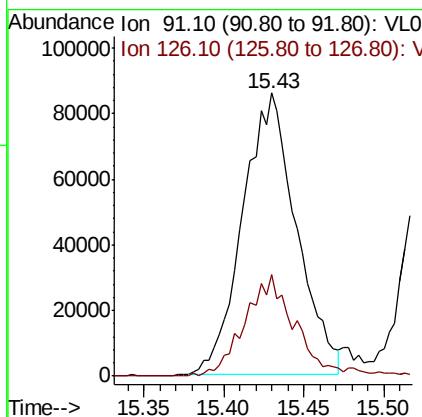
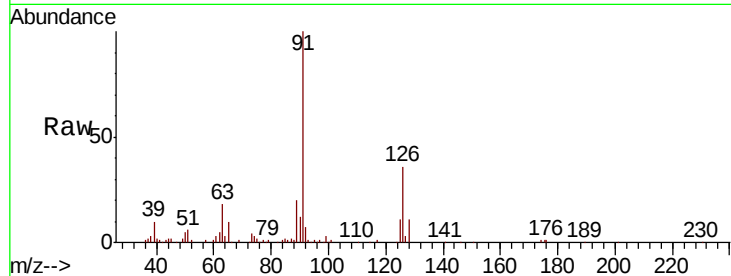




#71
 2-Chlorotoluene
 Concen: 0.529 ppbv
 RT: 15.43 min Scan# 3932
 Delta R.T. -0.00 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

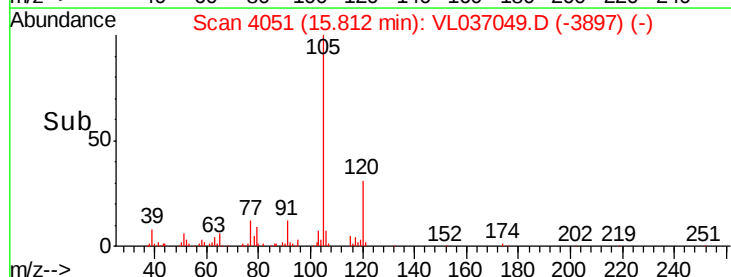
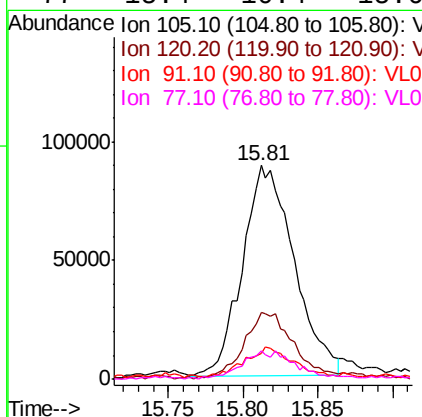
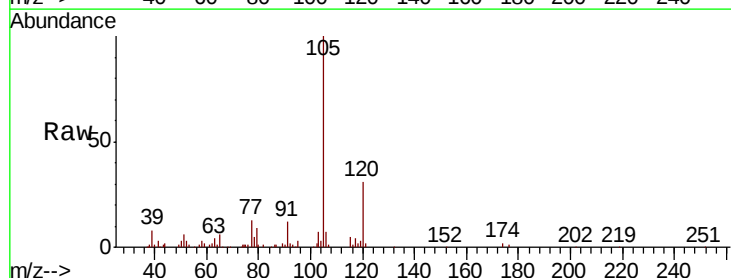
Instrument :
 MSVOA_L
 ClientSampleId :

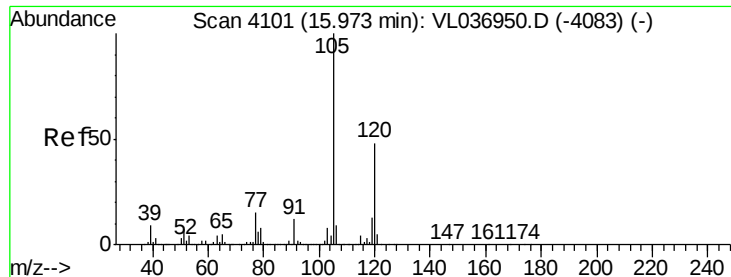
Tot Ion: 91 Resp: 197704
 Ion Ratio Lower Upper
 91 100
 126 34.0 13.1 52.5



#72
 4-Ethyltoluene
 Concen: 0.502 ppbv
 RT: 15.81 min Scan# 4051
 Delta R.T. -0.00 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Tgt Ion:105 Resp: 214354
 Ion Ratio Lower Upper
 105 100
 120 32.5 24.6 37.0
 91 13.0 9.8 14.6
 77 15.4 10.4 15.6





#73

1,3,5-Trimethylbenzene

Concen: 0.491 ppbv

RT: 15.97 min Scan# 4101

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

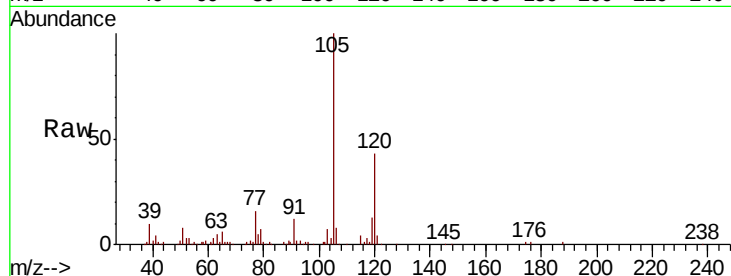
ClientSampleId :

Tot Ion:105 Resp: 197175

Ion Ratio Lower Upper

105 100

120 43.1 38.6 58.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.97

80000

60000

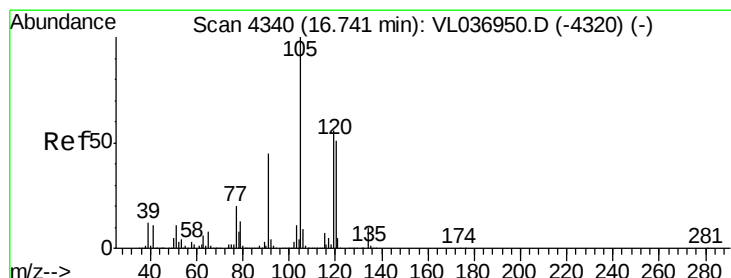
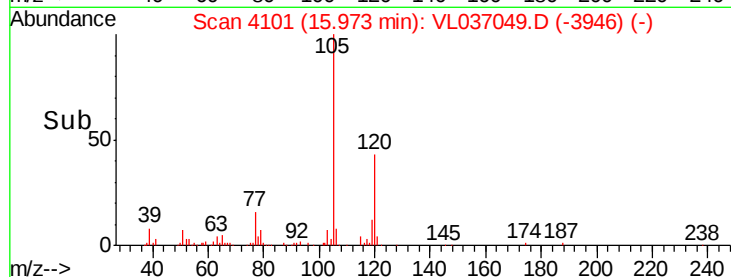
40000

20000

0

Time-->

15.90 15.95 16.00



#74

1,2,4-Trimethylbenzene

Concen: 0.509 ppbv

RT: 16.74 min Scan# 4339

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion:105 Resp: 211201

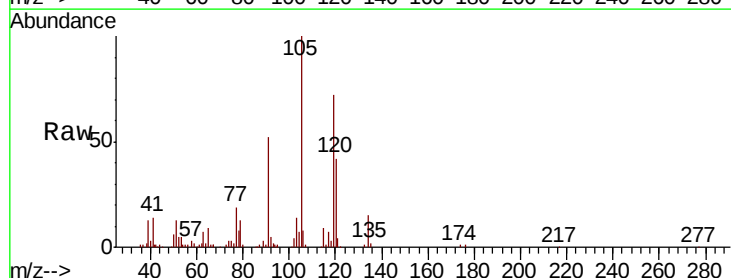
Ion Ratio Lower Upper

105 100

120 39.8 40.6 61.0#

91 46.7 37.4 56.0

77 16.3 16.2 24.4



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

16.74

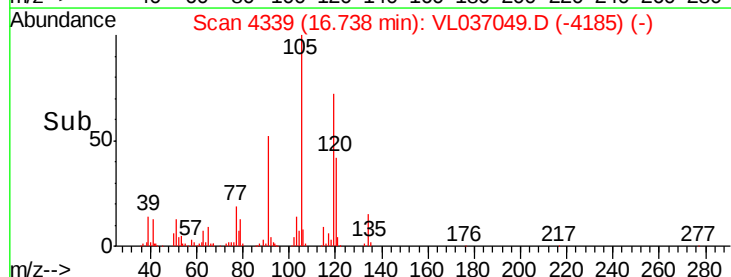
100000

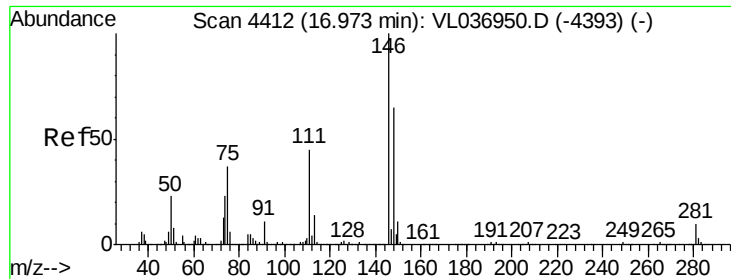
50000

0

Time-->

16.65 16.70 16.75 16.80

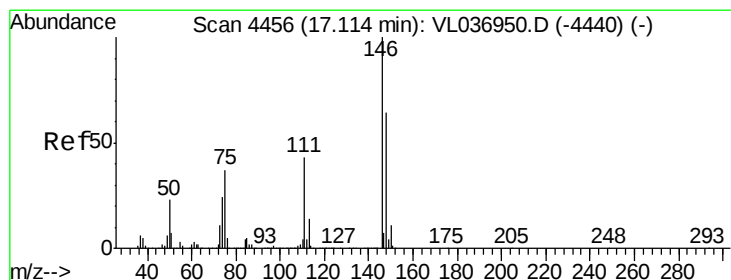
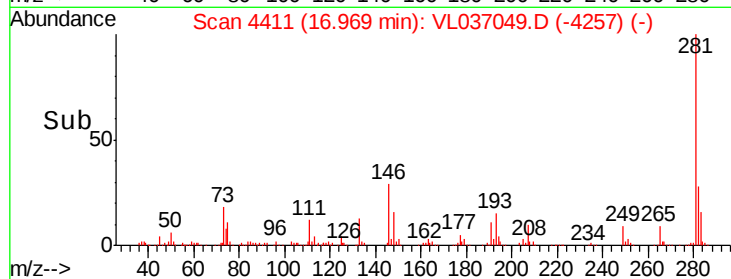
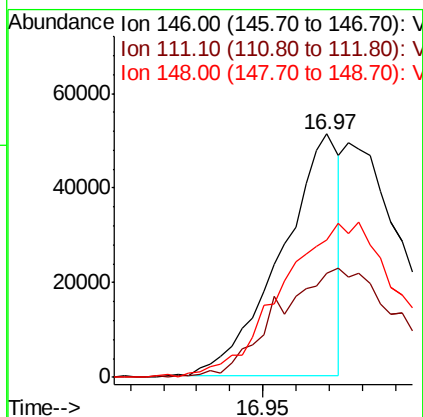
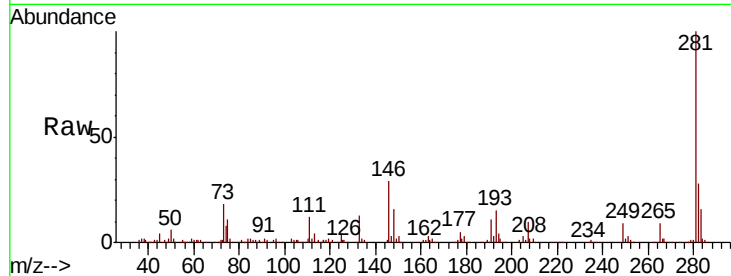




#75
 1,3-Dichlorobenzene
 Concen: 0.246 ppbv
 RT: 16.97 min Scan# 4411
 Delta R.T. -0.00 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

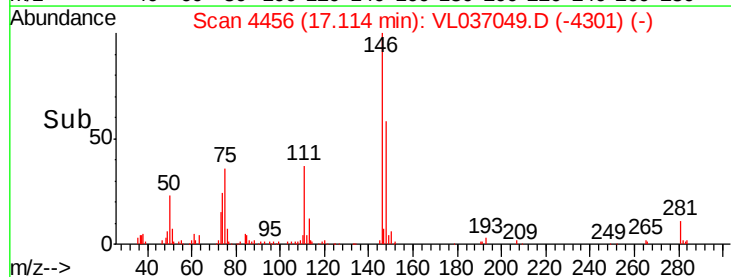
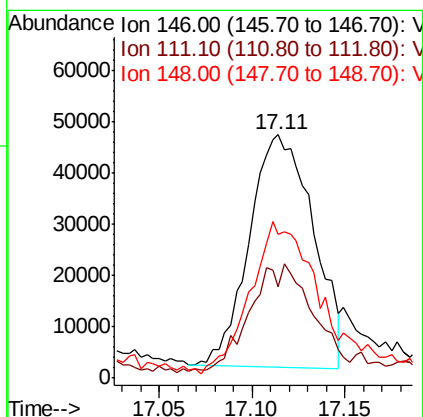
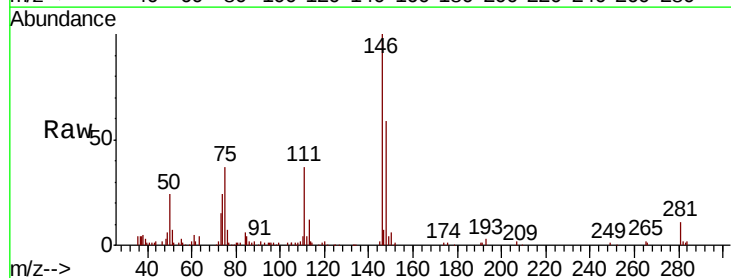
Instrument :
 MSVOA_L
 ClientSampleId :

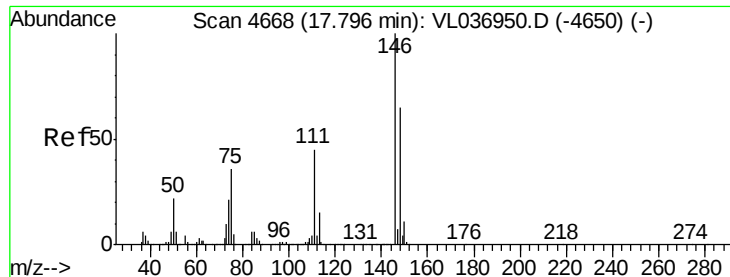
Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.2	66.6#
148	0.0	32.3	96.8#



#76
 1,4-Dichlorobenzene
 Concen: 0.426 ppbv
 RT: 17.11 min Scan# 4456
 Delta R.T. -0.00 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	60.0	22.6	67.7
148	80.8	33.5	100.5





#77

1,2-Dichlorobenzene

Concen: 0.484 ppbv

RT: 17.80 min Scan# 4668

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

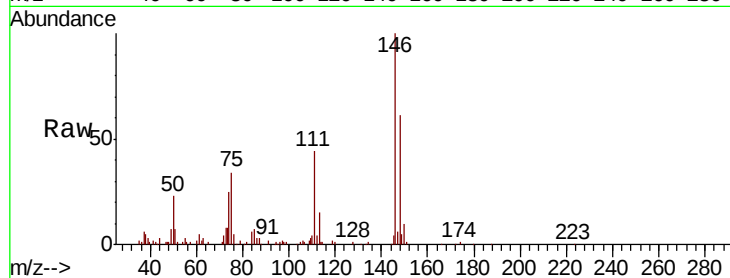
Tot Ion:146 Resp: 122798

Ion Ratio Lower Upper

146 100

111 52.0 23.1 69.2

148 73.5 32.5 97.4

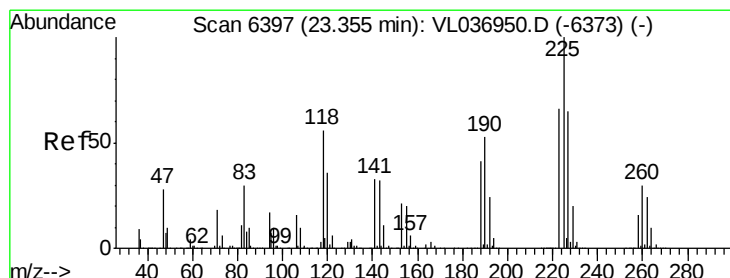
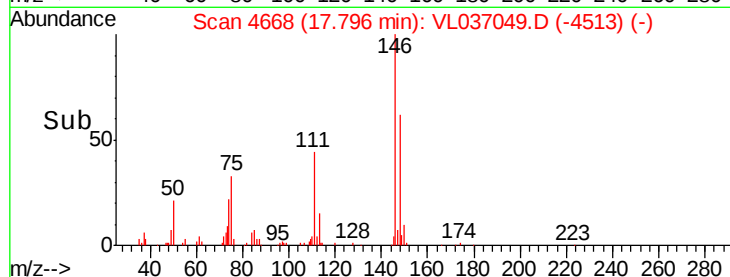
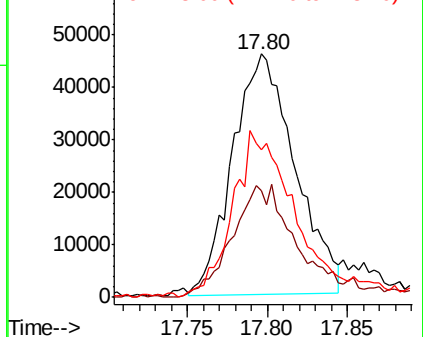


Abundance

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: 0.236 ppbv

RT: 23.35 min Scan# 6396

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

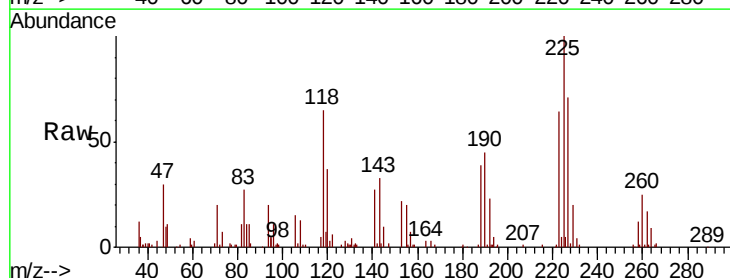
Tgt Ion:225 Resp: 48262

Ion Ratio Lower Upper

225 100

223 137.8 51.9 77.9#

227 145.6 51.8 77.6#

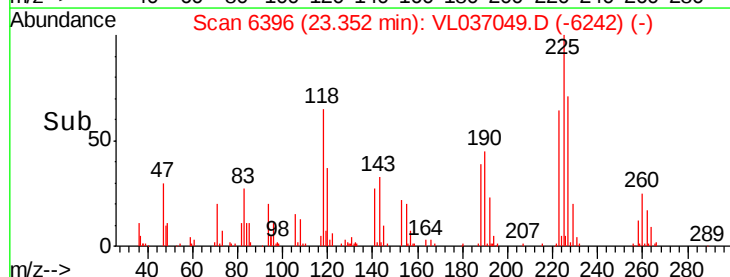
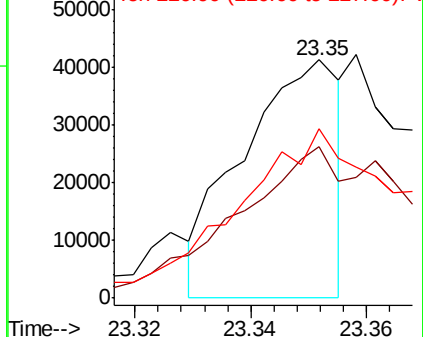


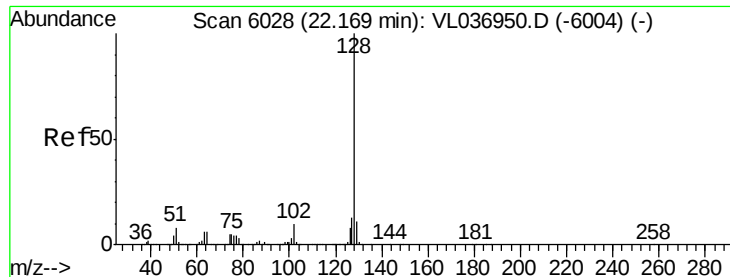
Abundance

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: 0.258 ppbv

RT: 22.18 min Scan# 6032

Delta R.T. 0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampled :

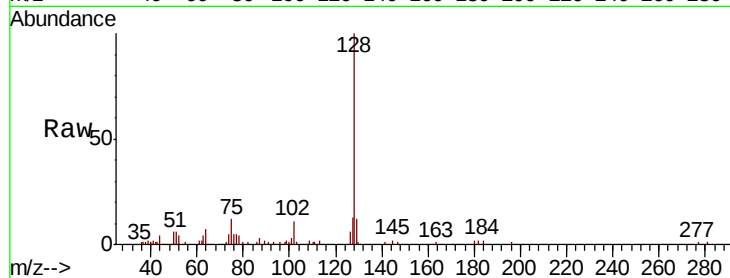
Tot Ion:128 Resp: 83909

Ion Ratio Lower Upper

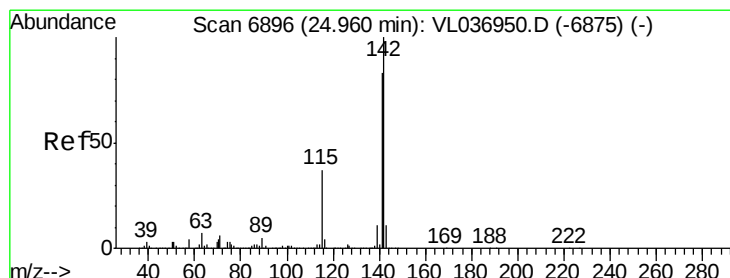
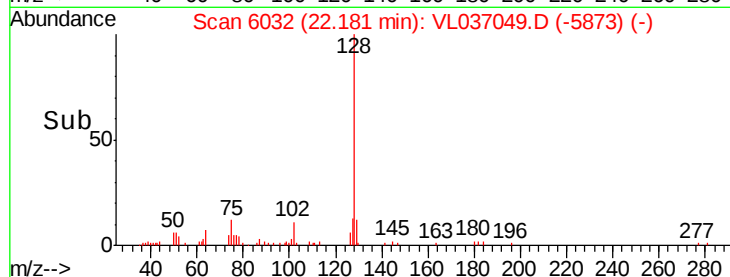
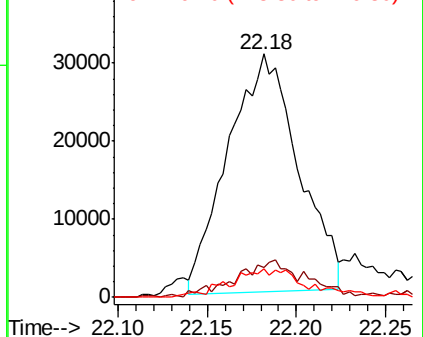
128 100

127 10.4 10.4 15.6#

129 11.8 9.0 13.6



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: 0.047 ppbv

RT: 24.99 min Scan# 6906

Delta R.T. 0.03 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

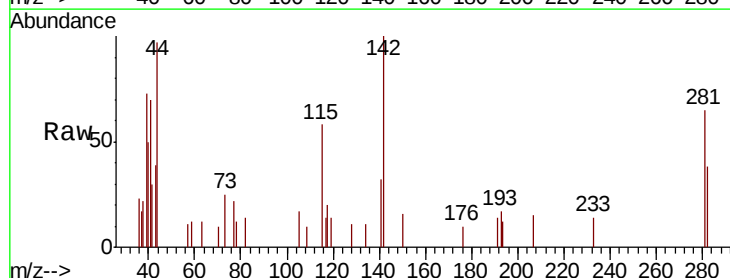
Tgt Ion:142 Resp: 3331

Ion Ratio Lower Upper

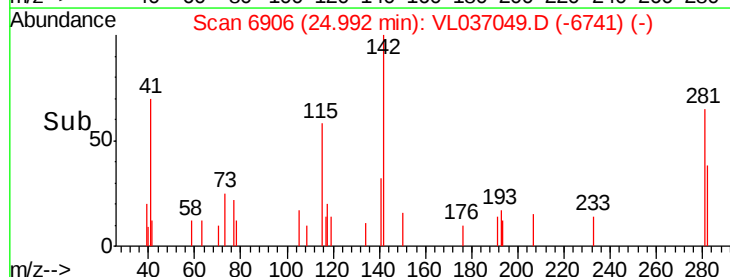
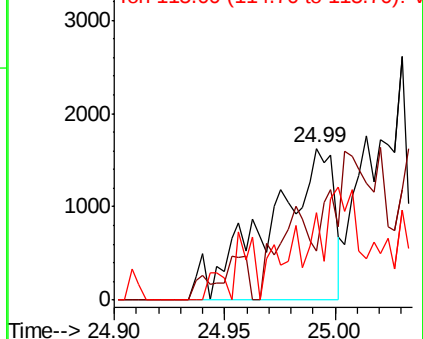
142 100

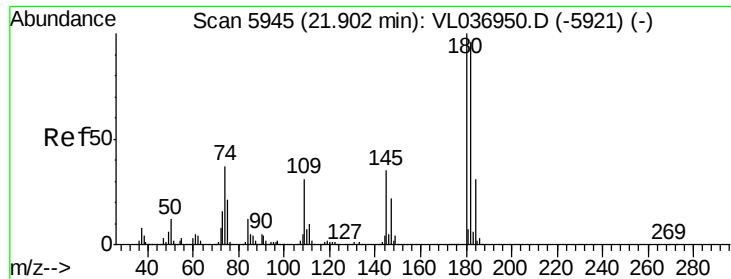
141 0.0 69.3 103.9#

115 81.6 29.1 43.7#



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: 0.144 ppbv
 RT: 21.90 min Scan# 5944
 Delta R.T. -0.00 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 28538
 Ion Ratio Lower Upper
 180 100
 182 0.0 81.7 122.5#
 184 0.0 24.9 37.3#

