

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\
 Data File : VL037264.D
 Acq On : 30 Jun 2021 00:45
 Operator : SY/AP
 Sample : VL0629ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 30 05:23:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1592815	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	4675455	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	5491193	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	3500569	8.41	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.10%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	2526991	9.122	ppbv 96
3) Chlorodifluoromethane	2.98	51	2742258	8.854	ppbv 100
4) Chloromethane	3.13	50	963480	9.334	ppbv 99
5) Vinyl Chloride	3.25	62	1069981	9.432	ppbv 97
6) Bromomethane	3.47	94	568907	8.406	ppbv 96
7) Chloroethane	3.55	64	384116	9.472	ppbv 98
8) Dichlorotetrafluoroethane	3.18	85	2623104	9.231	ppbv 96
9) Propene	3.01	41	898585	9.074	ppbv 100
10) Heptane	8.11	43	2288978	9.544	ppbv 99
11) Trichlorofluoromethane	3.94	101	2755858	9.324	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	2038231	9.782	ppbv 100
13) Ethanol	3.61	45	88018	5.746	ppbv 58
14) Bromoethene	3.74	108	833448	9.584	ppbv 99
15) Acetone	3.85	43	1390156	7.740	ppbv 98
16) 1,3-Butadiene	3.32	39	1023586	9.640	ppbv 100
17) tert-Butyl alcohol	4.29	59	1517426	9.141	ppbv 99
18) 1,1-Dichloroethene	4.28	96	876157	9.489	ppbv 97
19) Isopropyl Alcohol	3.97	45	799559	7.349	ppbv # 97
20) Methylene Chloride	4.34	84	772181	7.181	ppbv 98
21) Allyl Chloride	4.41	41	1263183	9.330	ppbv 94
22) trans-1,2-Dichloroethene	4.88	96	914517	10.010	ppbv 97
23) Vinyl Acetate	5.07	43	1995037	7.746	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1851889	8.931	ppbv 100
25) Ethyl Acetate	5.67	43	3574633	9.193	ppbv 100
26) Hexane	5.68	57	1704086	8.671	ppbv 99
27) Carbon Disulfide	4.54	76	2036490	10.576	ppbv 99
28) Methyl tert-Butyl Ether	5.03	73	2064597	8.738	ppbv 99
29) Chloroform	5.75	83	2708731	8.922	ppbv 99
30) Cyclohexane	7.12	84	1502159	9.173	ppbv 99
31) cis-1,2-Dichloroethene	5.54	61	1717296	9.509	ppbv 100
32) 1,1,1-Trichloroethane	6.50	97	2850515	8.774	ppbv 99
34) 2-Butanone	5.24	43	1594043	8.766	ppbv 97
35) Carbon Tetrachloride	7.01	117	2992536	9.543	ppbv 99
36) Benzene	6.88	78	3571011	9.445	ppbv 99
37) 1,2-Dichloroethane	6.30	62	2056445	9.363	ppbv 100
38) Trichloroethene	7.83	130	1476584	8.216	ppbv 99
39) 1,2-Dichloropropane	7.61	63	1369437	9.748	ppbv 98
40) 1,4-Dioxane	7.83	88	312023	8.099	ppbv # 49
41) Tetrahydrofuran	6.05	42	851857	10.086	ppbv 99
42) Bromodichloromethane	7.79	83	2919868	9.637	ppbv 98
43) Methyl Methacrylate	8.01	69	1305541	9.999	ppbv 98

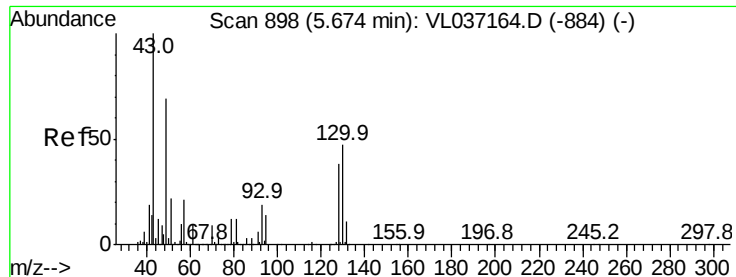
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\
 Data File : VL037264.D
 Acq On : 30 Jun 2021 00:45
 Operator : SY/AP
 Sample : VL0629ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 30 05:23:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	5916505	9.293	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	992016	8.612	ppbv	98
46) cis-1,3-Dichloropropene	8.70	75	1246709	7.911	ppbv	99
47) 1,1,2-Trichloroethane	9.47	97	1514276	9.448	ppbv	98
48) Dibromochloromethane	10.30	129	2601718	10.283	ppbv	99
49) Bromoform	13.03	173	2128141	11.290	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	2576125	10.315	ppbv	100
51) 2-Hexanone	10.13	43	1334176	10.979	ppbv #	99
52) Tetrachloroethene	11.21	164	1462025	8.322	ppbv	99
53) Toluene	9.80	91	4276145	9.469	ppbv	99
54) 1,2-Dibromoethane	10.60	107	2224447	9.657	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.12	131	1810972	7.543	ppbv #	57
57) Chlorobenzene	12.14	112	3194639	7.174	ppbv	95
58) Ethyl Benzene	12.70	91	5692329	7.530	ppbv	98
59) m/p-Xylene	12.99	91	5147661	8.036	ppbv #	42
60) o-Xylene	13.68	91	4546104	7.453	ppbv	99
61) Styrene	13.52	104	2571507	8.168	ppbv	98
62) Isopropylbenzene	14.66	105	6369932	7.344	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	3051490	7.513	ppbv	100
64) n-propylbenzene	15.55	120	1689666	7.779	ppbv	96
65) tert-Butylbenzene	16.74	119	5720631	7.436	ppbv	99
66) Benzyl Chloride	16.98	91	125729	3.857	ppbv #	64
67) sec-Butylbenzene	17.28	105	7648126	7.455	ppbv	100
69) p-Isopropyltoluene	17.65	119	6614833	7.634	ppbv	99
70) n-Butylbenzene	18.54	91	6328781	7.892	ppbv	99
71) 2-Chlorotoluene	15.45	91	4667562	7.697	ppbv	98
72) 4-Ethyltoluene	15.83	105	5491392	7.924	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	4991937	7.452	ppbv	98
74) 1,2,4-Trimethylbenzene	16.75	105	5142760	7.451	ppbv	96
75) 1,3-Dichlorobenzene	16.99	146	3138886	7.480	ppbv	100
76) 1,4-Dichlorobenzene	17.13	146	3106548	7.412	ppbv	98
77) 1,2-Dichlorobenzene	17.81	146	3014955	7.427	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	1937751	5.552	ppbv	99
79) Naphthalene	22.19	128	3797713	6.600	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	588037	3.896	ppbv	94
81) 1,2,4-Trichlorobenzene	21.92	180	2247674	6.769	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

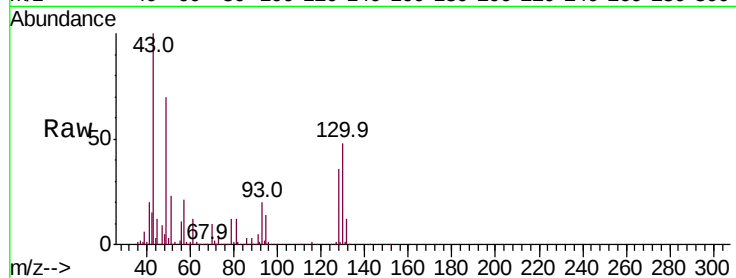
Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 49 Resp: 1592815

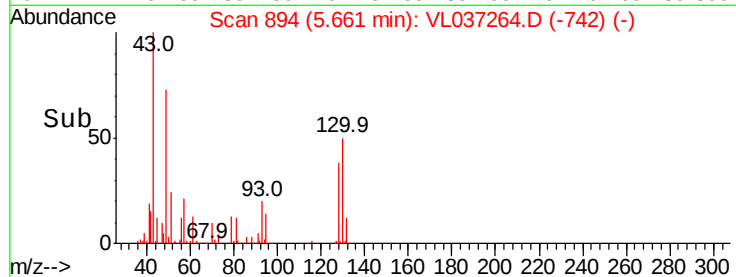
Ion	Ratio	Lower	Upper
49	100		
128	57.1	29.3	88.0
130	69.6	35.9	107.8



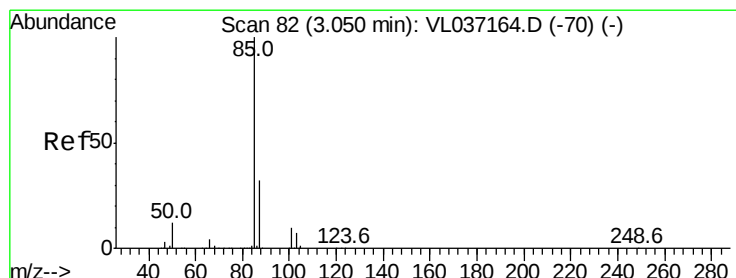
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#2

Dichlorodifluoromethane

Concen: 9.122 ppbv

RT: 3.04 min Scan# 80

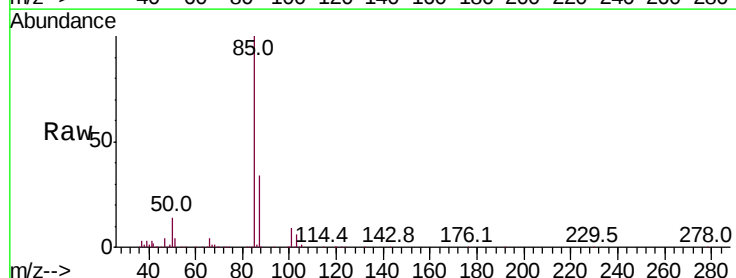
Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

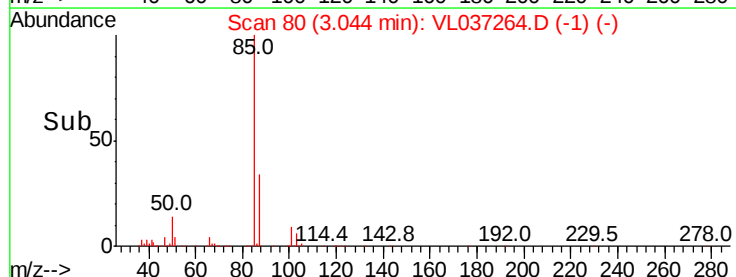
Tgt Ion: 85 Resp: 2526991

Ion	Ratio	Lower	Upper
85	100		
87	34.3	25.8	38.6

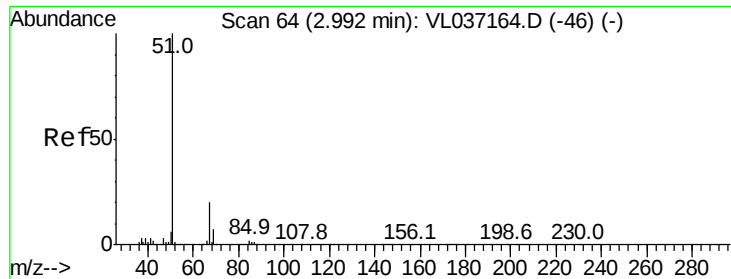


Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0



Time-->



#3

Chlorodifluoromethane

Concen: 8.854 ppbv

RT: 2.98 min Scan# 61

Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

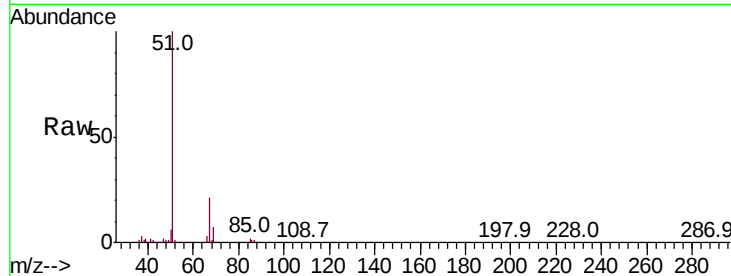
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 51 Resp: 2742258

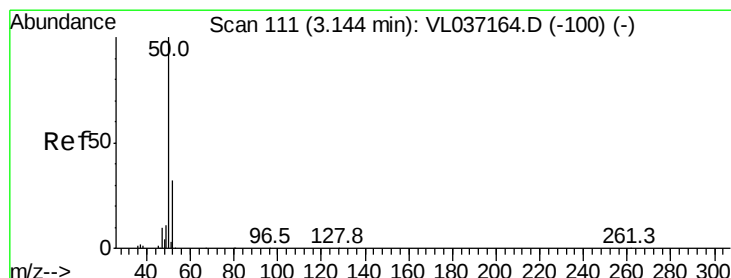
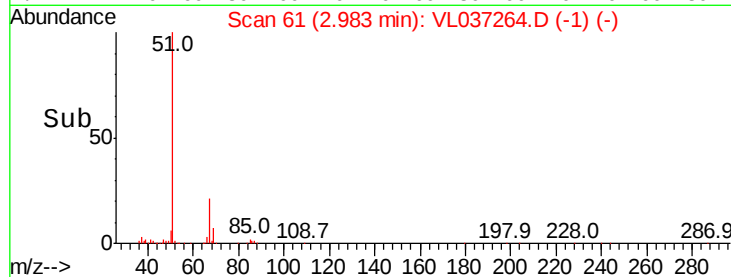
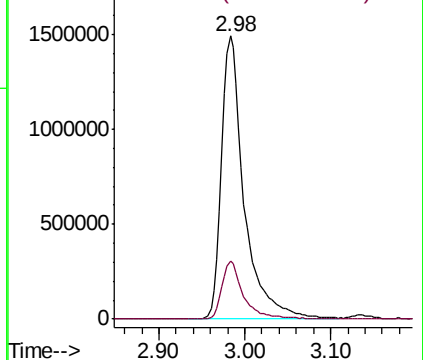
Ion Ratio Lower Upper

51 100

67 19.7 15.8 23.6



Abundance Ion 51.00 (50.70 to 51.70): VL0
Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.334 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL037264.D

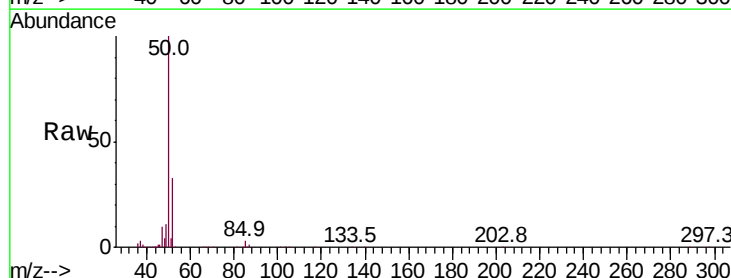
Acq: 30 Jun 2021 00:45

Tgt Ion: 50 Resp: 963480

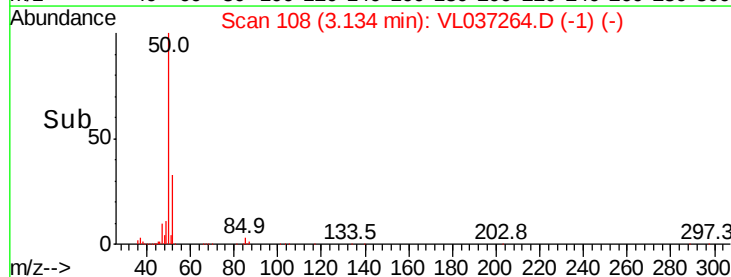
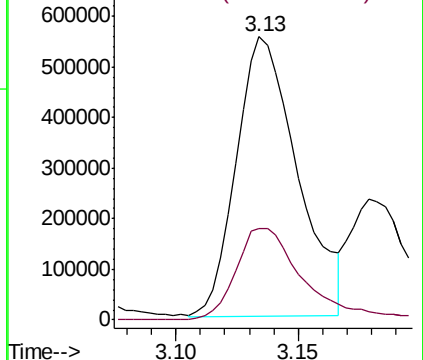
Ion Ratio Lower Upper

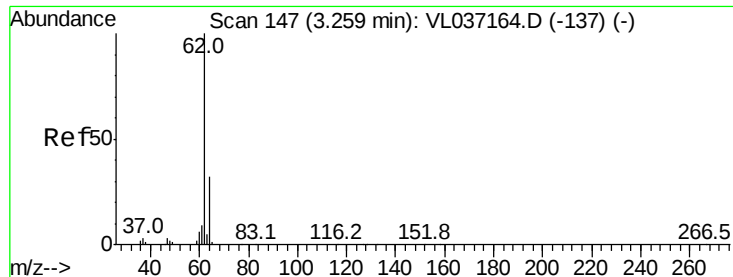
50 100

52 32.7 25.8 38.8



Abundance Ion 50.10 (49.80 to 50.80): VL0
Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.432 ppbv

RT: 3.25 min Scan# 145

Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

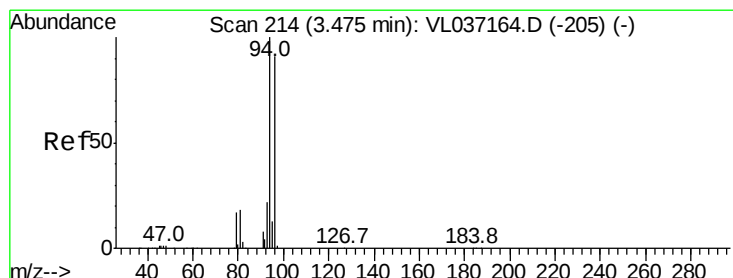
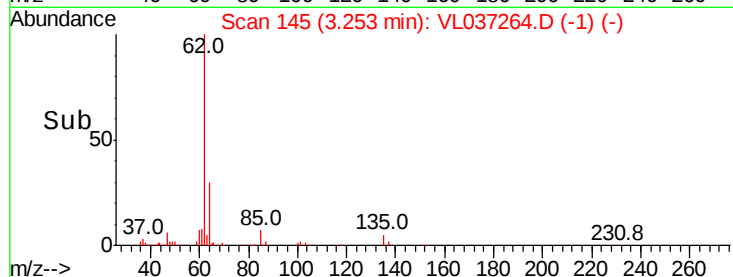
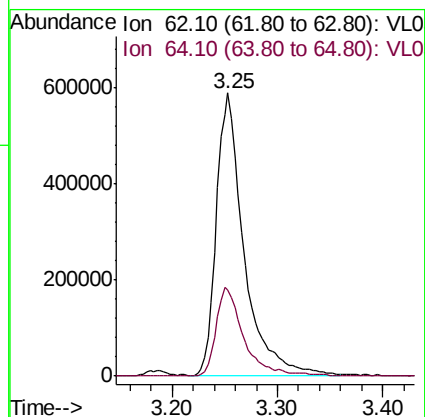
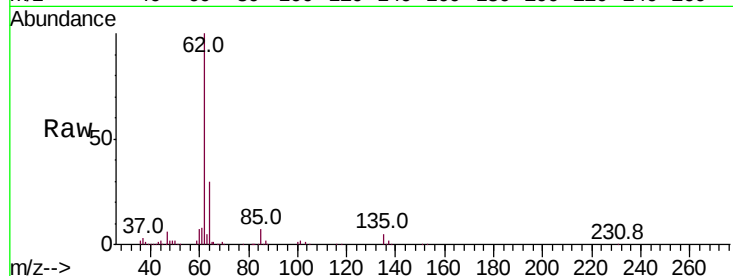
ClientSampleId :

Tot Ion: 62 Resp: 1069981

Ion Ratio Lower Upper

62 100

64 30.3 25.6 38.4



#6

Bromomethane

Concen: 8.406 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.00 min

Lab File: VL037264.D

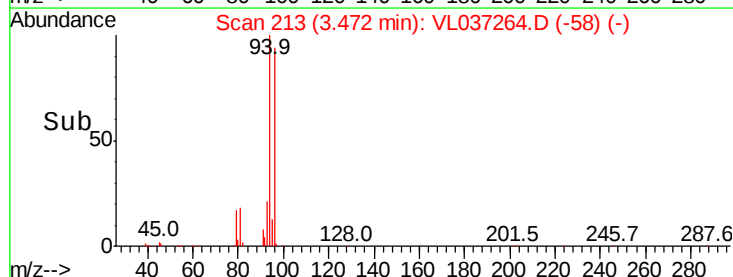
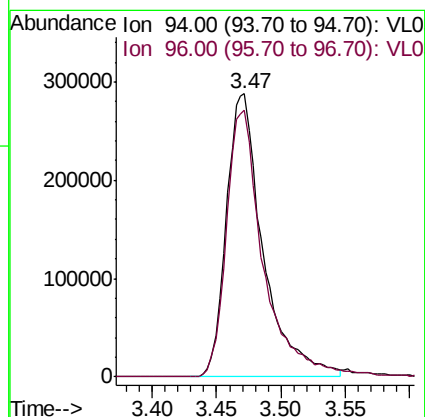
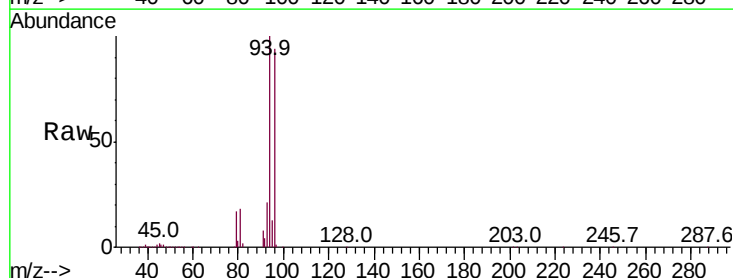
Acq: 30 Jun 2021 00:45

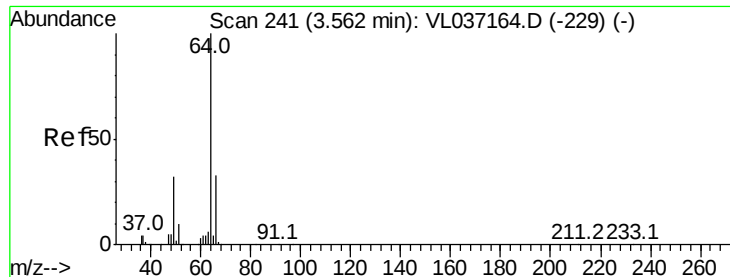
Tgt Ion: 94 Resp: 568907

Ion Ratio Lower Upper

94 100

96 94.1 72.6 108.8





#7

Chloroethane

Concen: 9.472 ppbv

RT: 3.55 min Scan# 238

Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

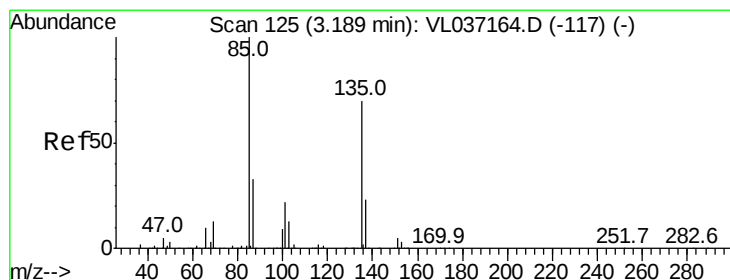
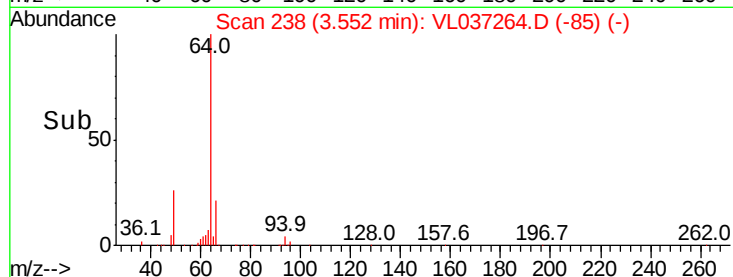
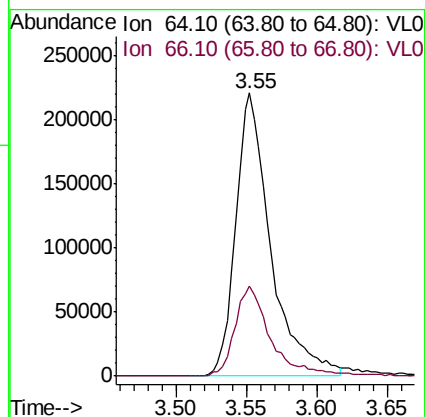
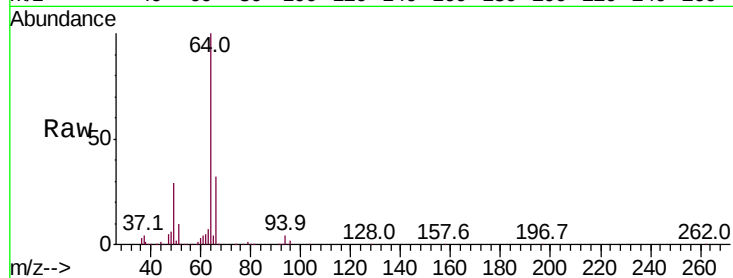
ClientSampleId :

Tot Ion: 64 Resp: 384116

Ion Ratio Lower Upper

64 100

66 31.6 26.2 39.4



#8

Dichlorotetrafluoroethane

Concen: 9.231 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.01 min

Lab File: VL037264.D

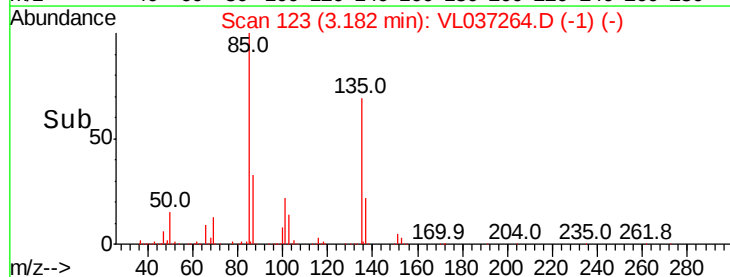
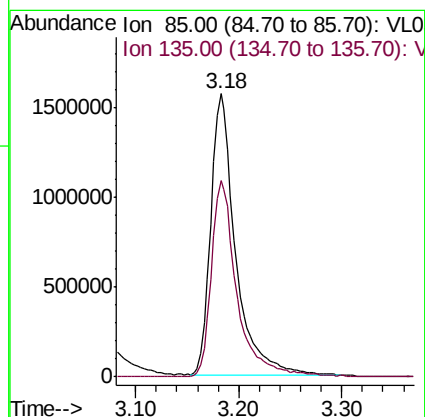
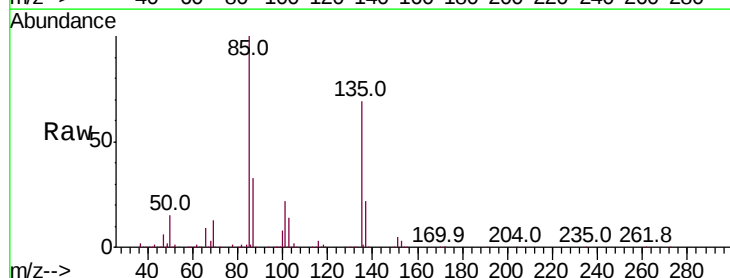
Acq: 30 Jun 2021 00:45

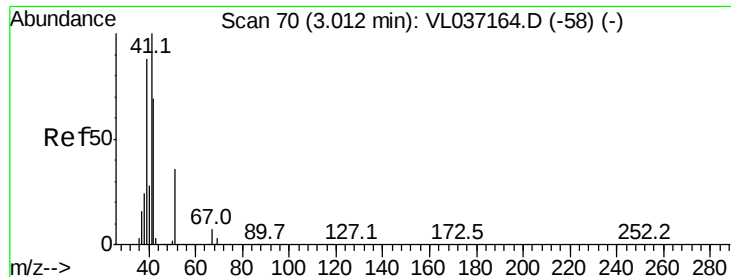
Tgt Ion: 85 Resp: 2623104

Ion Ratio Lower Upper

85 100

135 72.4 60.4 90.6





#9

Propene

Concen: 9.074 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

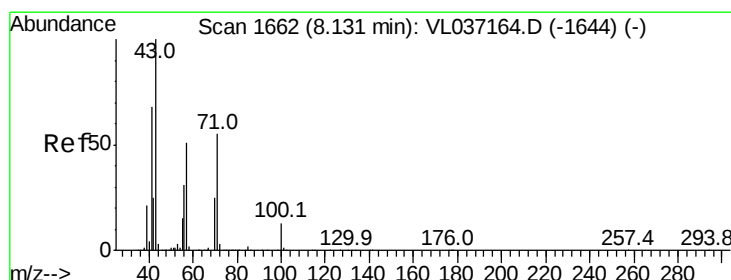
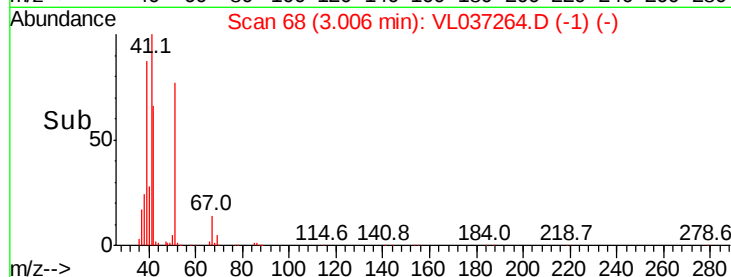
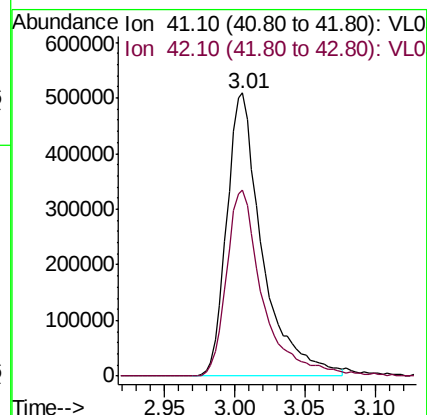
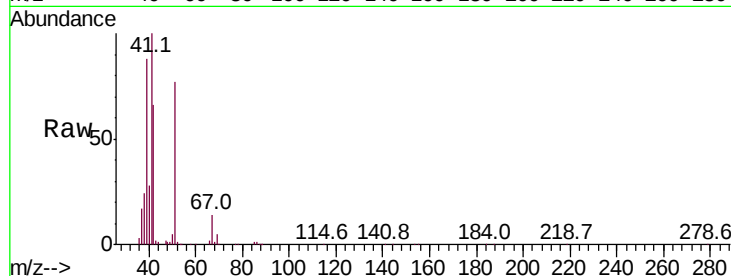
ClientSampleId :

Tot Ion: 41 Resp: 898585

Ion Ratio Lower Upper

41 100

42 67.7 54.5 81.7



#10

Heptane

Concen: 9.544 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. -0.02 min

Lab File: VL037264.D

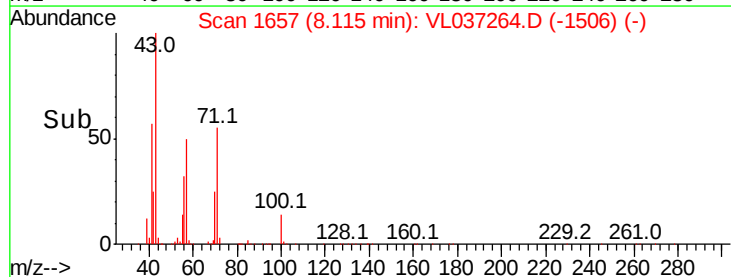
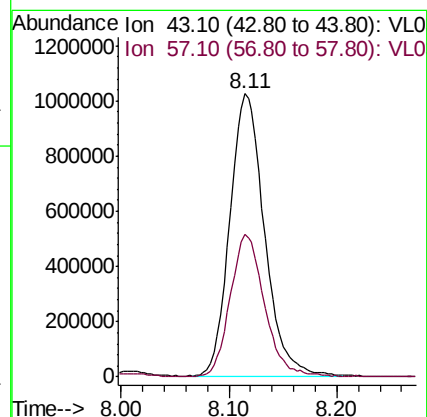
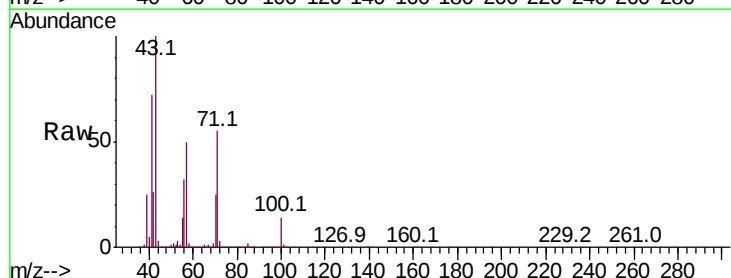
Acq: 30 Jun 2021 00:45

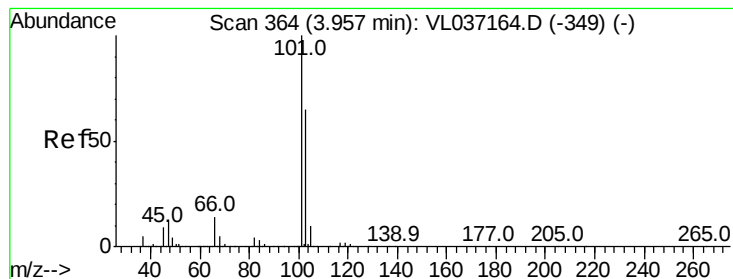
Tgt Ion: 43 Resp: 2288978

Ion Ratio Lower Upper

43 100

57 50.1 40.6 61.0





#11

Trichlorofluoromethane

Concen: 9.324 ppbv

RT: 3.94 min Scan# 360

Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

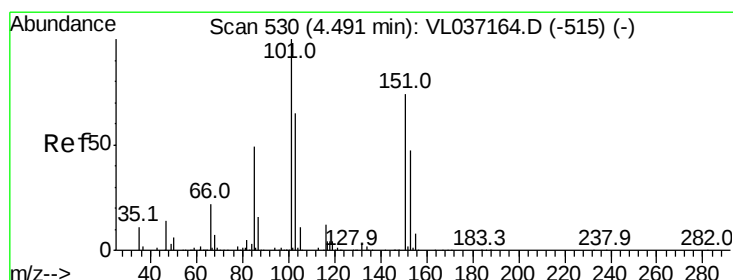
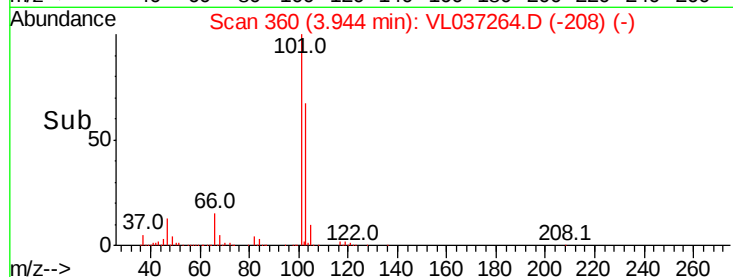
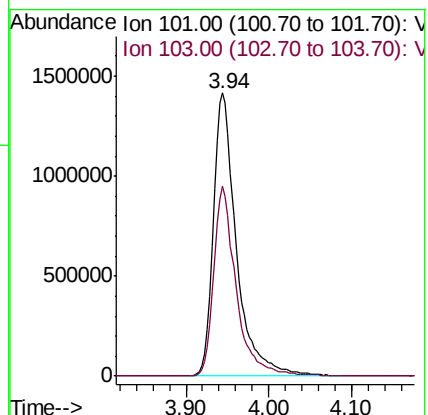
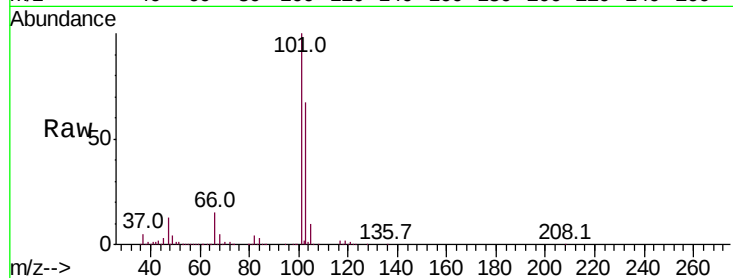
ClientSampleId :

Tot Ion:101 Resp: 2755858

Ion Ratio Lower Upper

101 100

103 66.9 52.2 78.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.782 ppbv

RT: 4.48 min Scan# 526

Delta R.T. -0.01 min

Lab File: VL037264.D

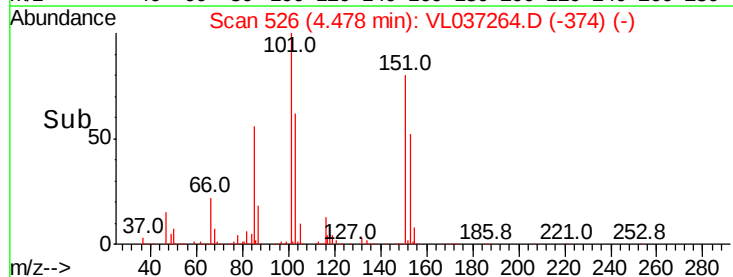
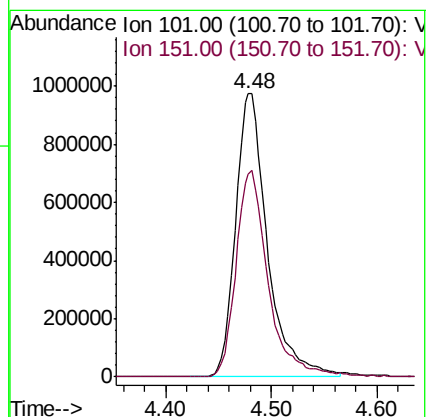
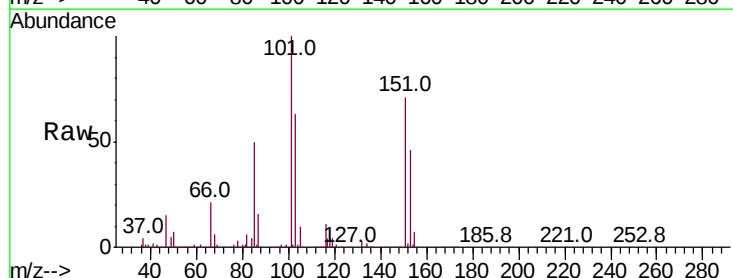
Acq: 30 Jun 2021 00:45

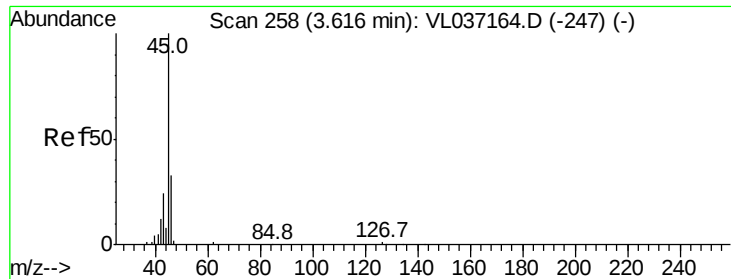
Tgt Ion:101 Resp: 2038231

Ion Ratio Lower Upper

101 100

151 74.0 59.1 88.7





#13

Ethanol

Concen: 5.746 ppbv

RT: 3.61 min Scan# 256

Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

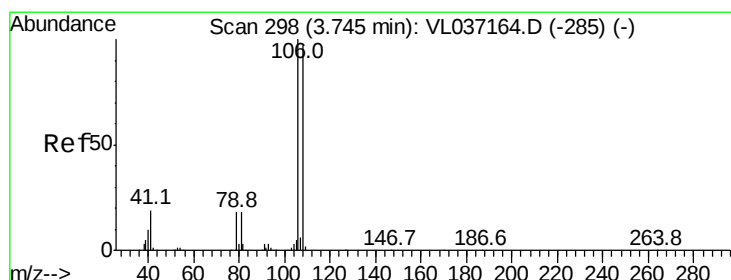
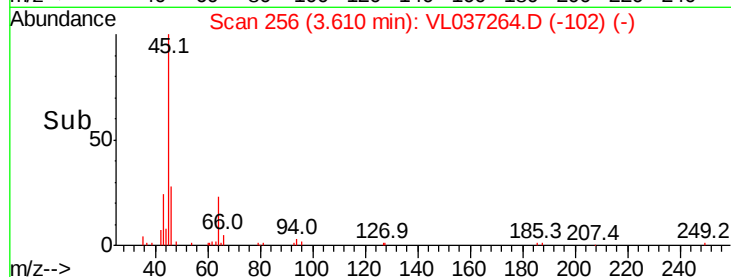
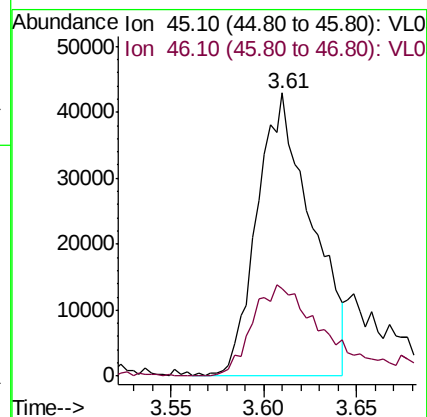
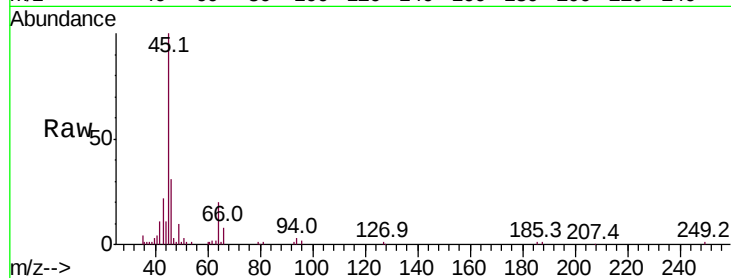
ClientSampleId :

Tot Ion: 45 Resp: 88018

Ion Ratio Lower Upper

45 100

46 47.5 34.2 137.0



#14

Bromoethene

Concen: 9.584 ppbv

RT: 3.74 min Scan# 295

Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

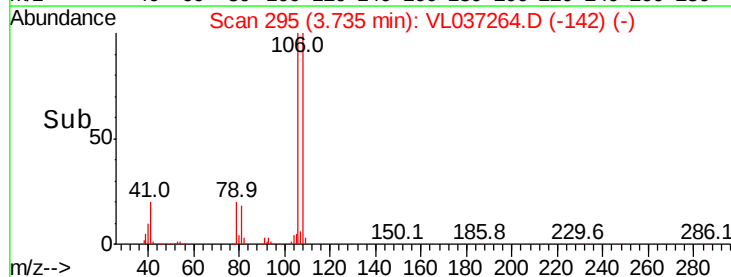
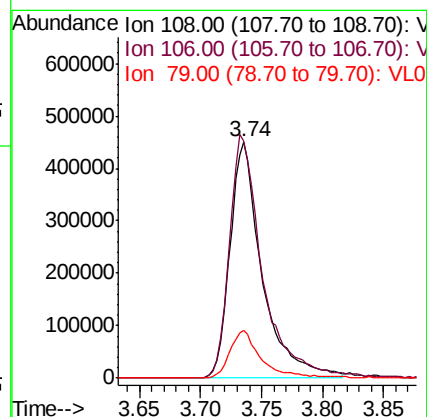
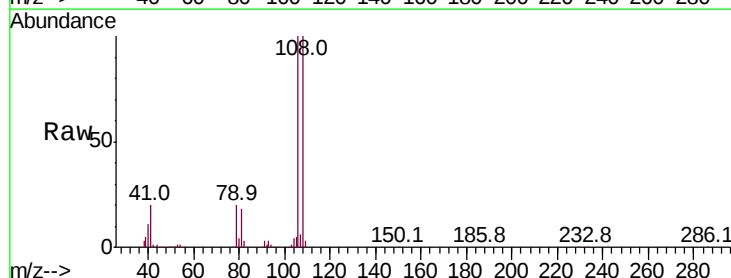
Tgt Ion: 108 Resp: 833448

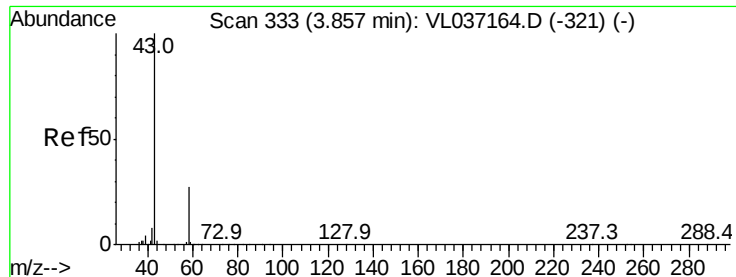
Ion Ratio Lower Upper

108 100

106 107.3 86.8 130.2

79 20.2 15.6 23.4





#15

Acetone

Concen: 7.740 ppbv

RT: 3.85 min Scan# 330

Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

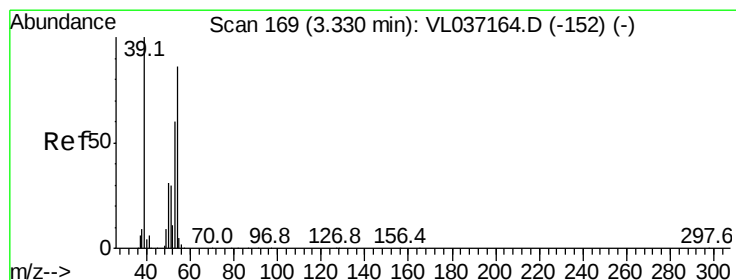
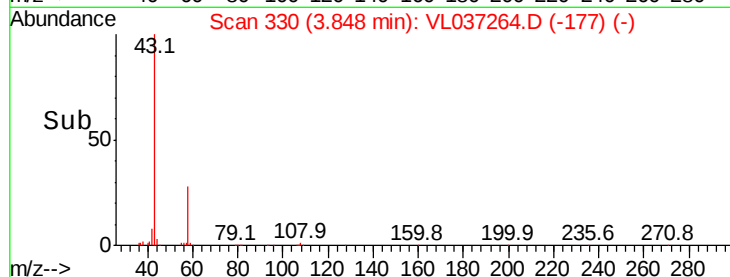
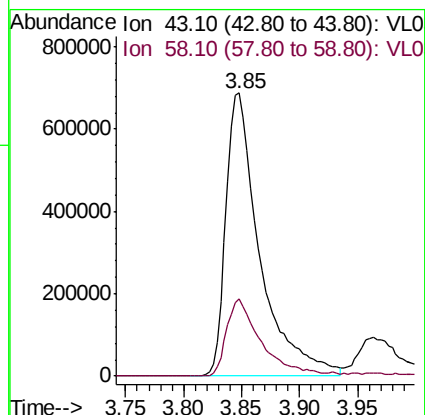
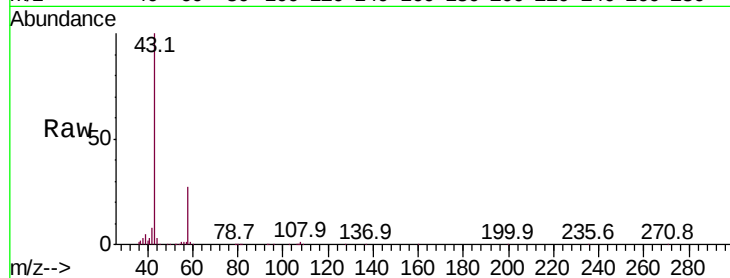
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 1390156

Ion Ratio Lower Upper

43 100

58 28.5 23.7 35.5



#16

1,3-Butadiene

Concen: 9.640 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.01 min

Lab File: VL037264.D

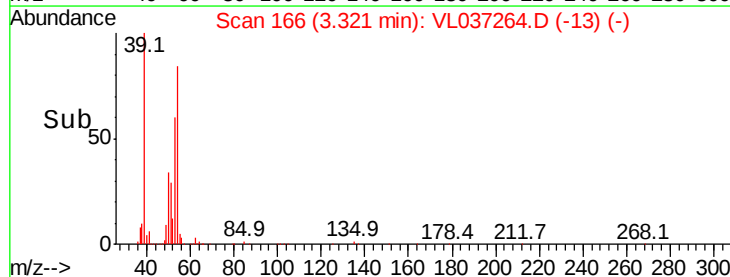
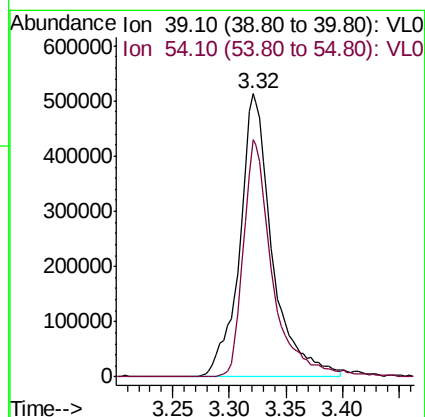
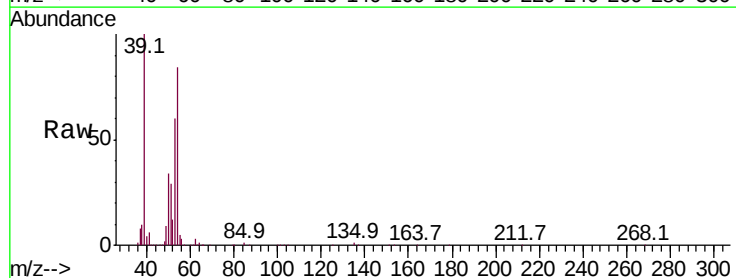
Acq: 30 Jun 2021 00:45

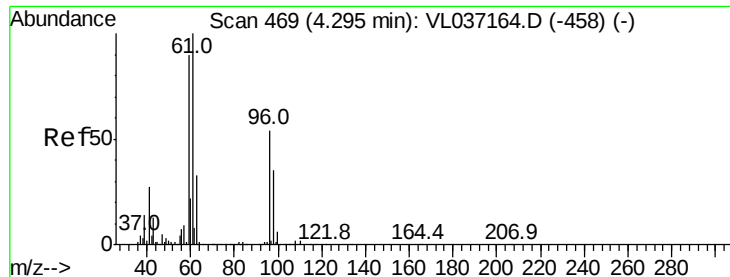
Tgt Ion: 39 Resp: 1023586

Ion Ratio Lower Upper

39 100

54 76.1 61.2 91.8



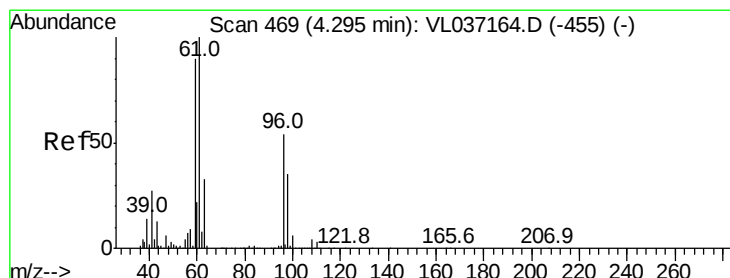
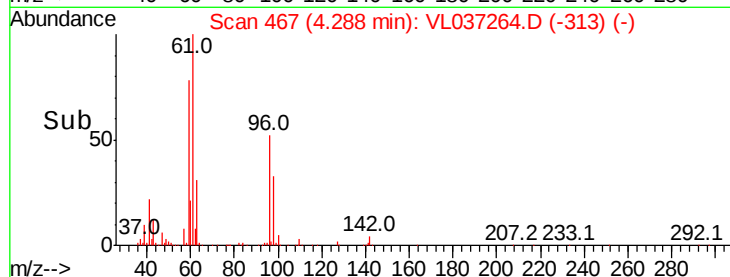
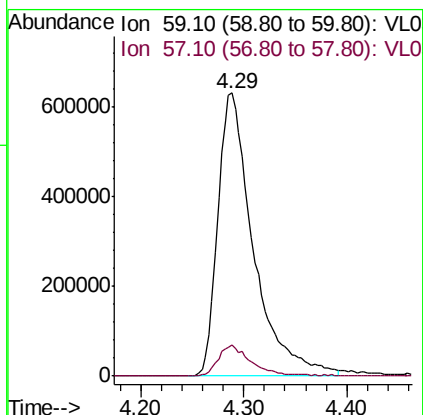
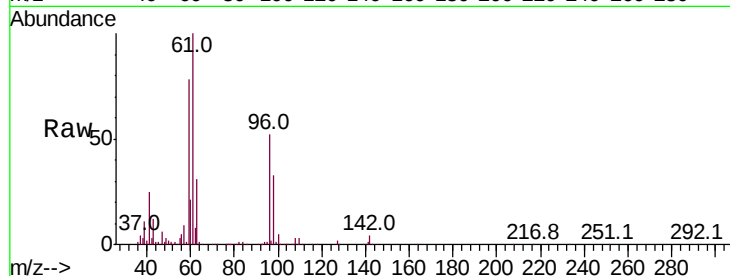


#17

tert-Butyl alcohol
 Concen: 9.141 ppbv
 RT: 4.29 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: VL037264.D
 Acq: 30 Jun 2021 00:45

Instrument :
 MSVOA_L
 ClientSampleId :

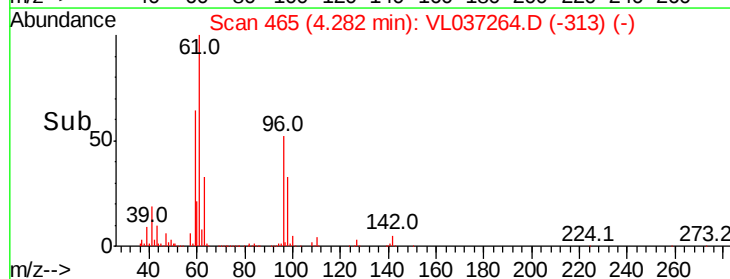
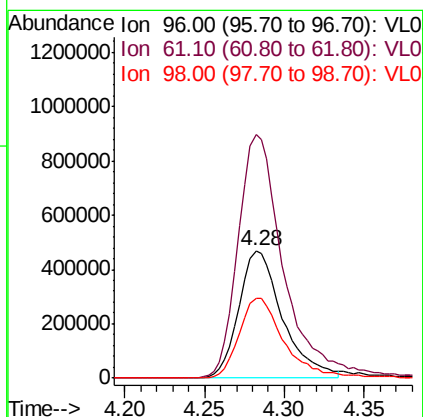
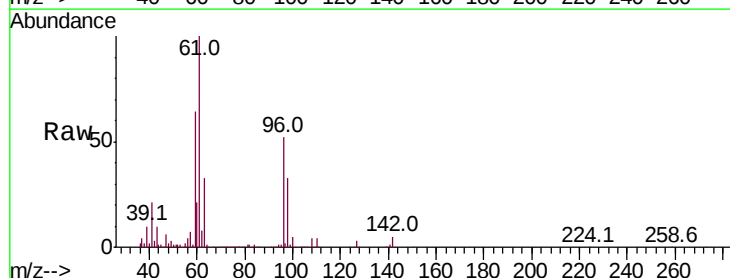
Tot Ion: 59 Resp: 1517426
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.8 13.2

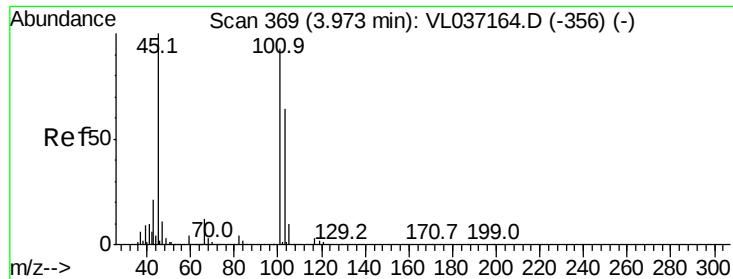


#18

1,1-Dichloroethene
 Concen: 9.489 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: VL037264.D
 Acq: 30 Jun 2021 00:45

Tgt Ion: 96 Resp: 876157
 Ion Ratio Lower Upper
 96 100
 61 190.6 148.6 222.8
 98 62.6 51.9 77.9

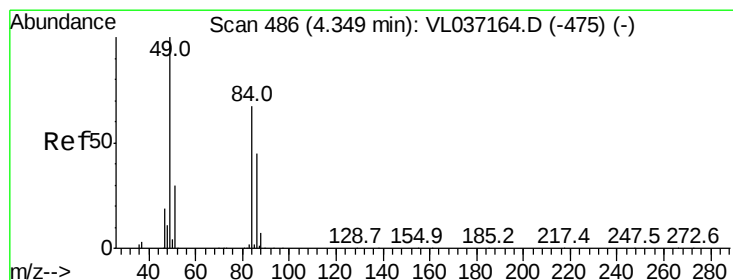
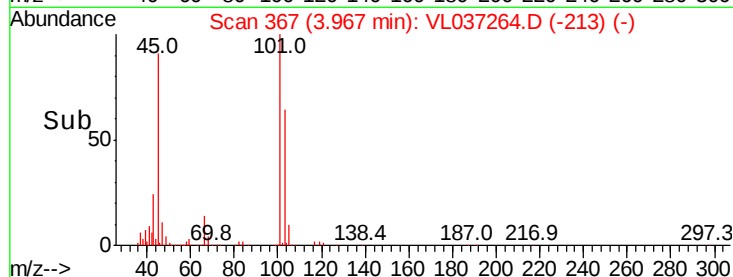
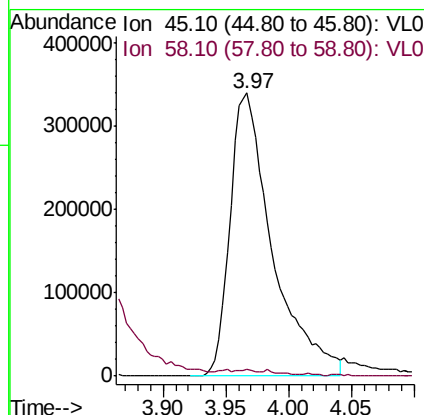
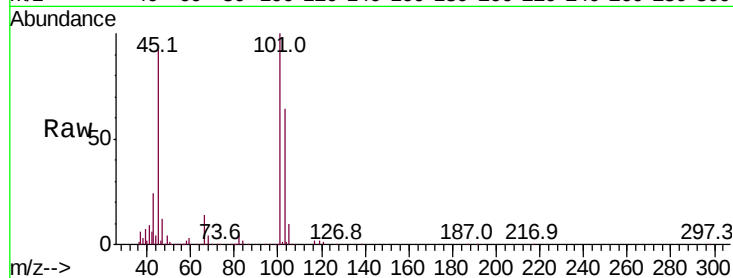




#19
Isopropyl Alcohol
Concen: 7.349 ppbv
RT: 3.97 min Scan# 367
Delta R.T. -0.01 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

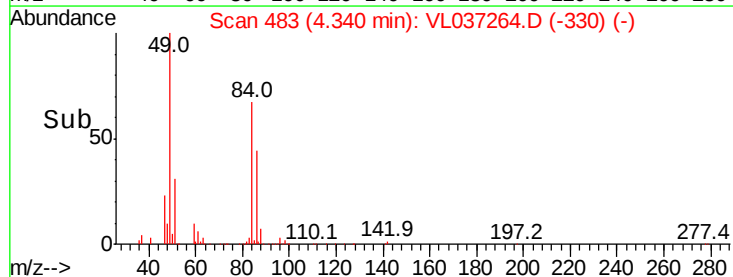
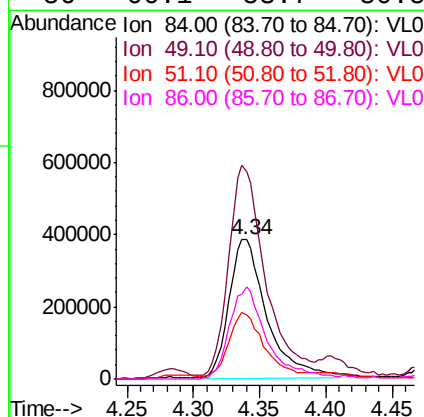
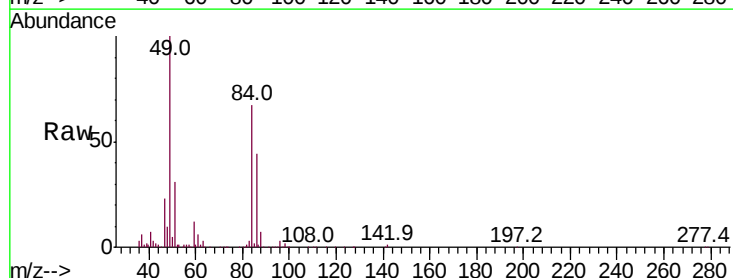
Instrument :
MSVOA_L
ClientSampleId :

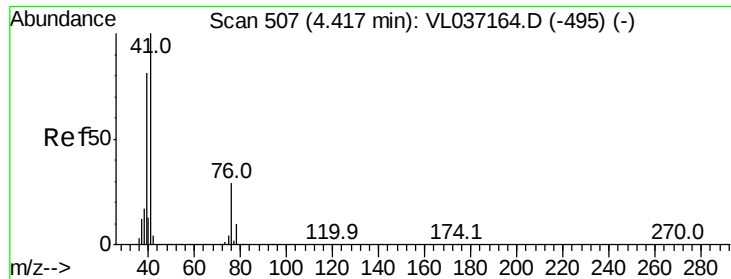
Tot Ion: 45 Resp: 799559
Ion Ratio Lower Upper
45 100
58 2.0 2.4 3.6#



#20
Methylene Chloride
Concen: 7.181 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

Tgt Ion: 84 Resp: 772181
Ion Ratio Lower Upper
84 100
49 146.7 119.7 179.5
51 44.1 36.1 54.1
86 66.1 53.7 80.5

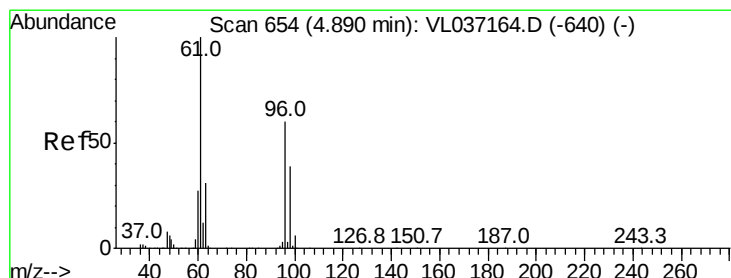
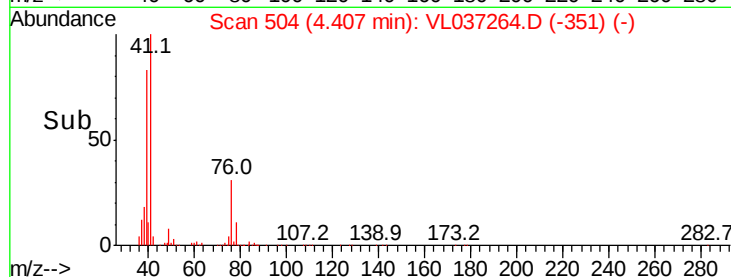
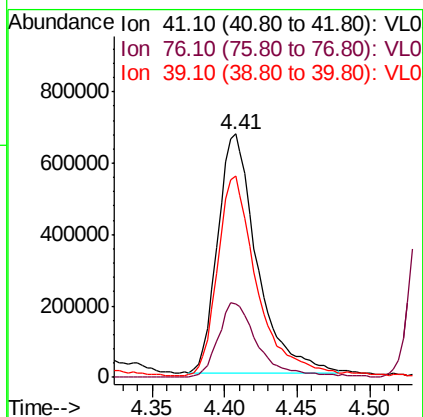
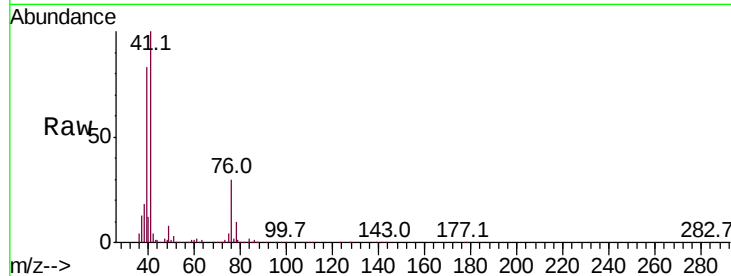




#21
Allvl Chloride
Concen: 9.330 ppbv
RT: 4.41 min Scan# 504
Delta R.T. -0.01 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

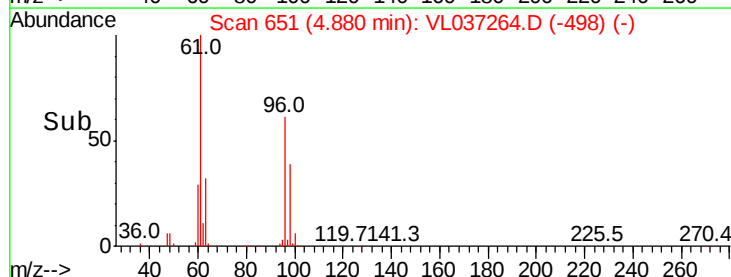
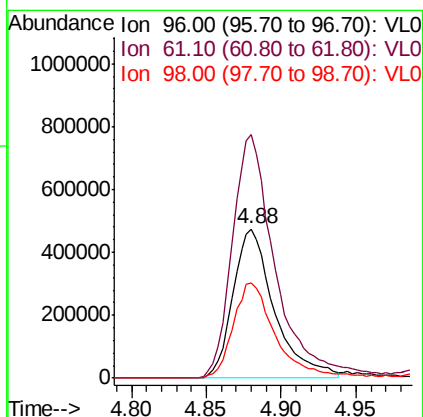
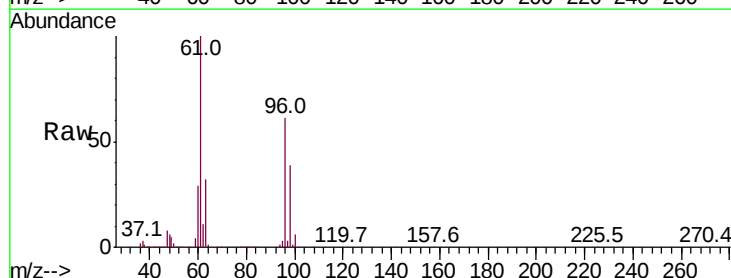
Instrument :
MSVOA_L
ClientSampleId :

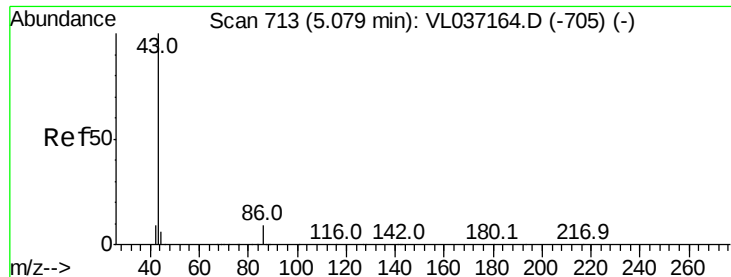
Tot Ion: 41 Resp: 1263183
Ion Ratio Lower Upper
41 100
76 31.7 24.6 37.0
39 87.9 65.4 98.0



#22
trans-1,2-Dichloroethene
Concen: 10.010 ppbv
RT: 4.88 min Scan# 651
Delta R.T. -0.01 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

Tgt Ion: 96 Resp: 914517
Ion Ratio Lower Upper
96 100
61 163.3 133.9 200.9
98 63.4 52.9 79.3





#23

Vinyl Acetate

Concen: 7.746 ppbv

RT: 5.07 min Scan# 709

Delta R.T. -0.01 min

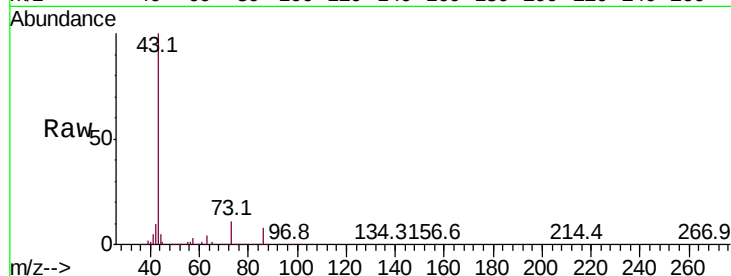
Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

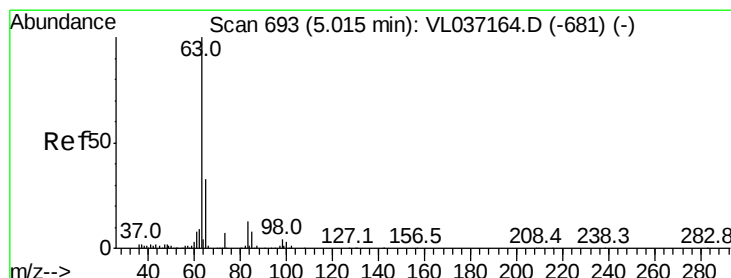
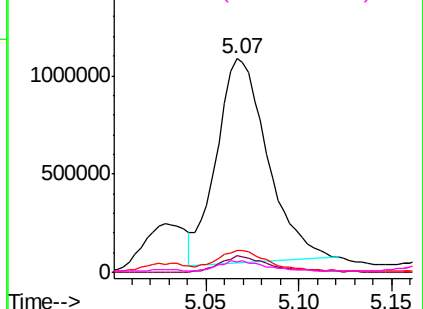
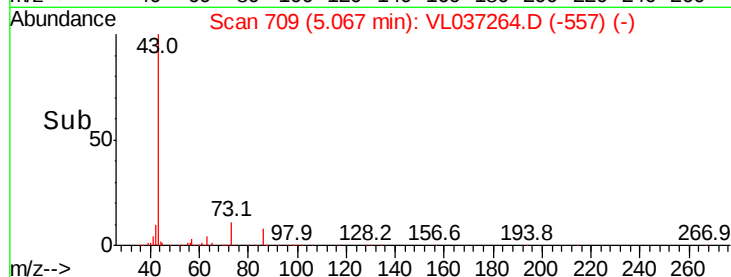
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 1995037

Ion	Ratio	Lower	Upper
43	100		
86	8.0	5.8	8.8
42	10.0	8.2	12.2
44	4.7	4.2	6.4



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: 8.931 ppbv

RT: 5.01 min Scan# 690

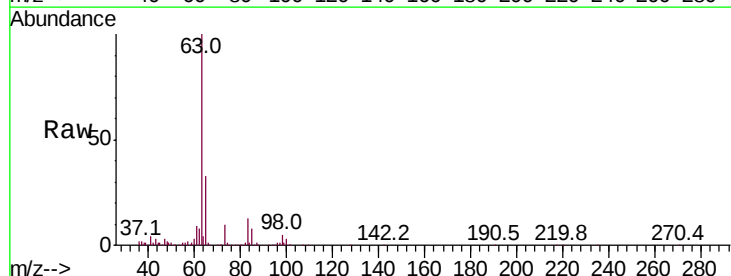
Delta R.T. -0.01 min

Lab File: VL037264.D

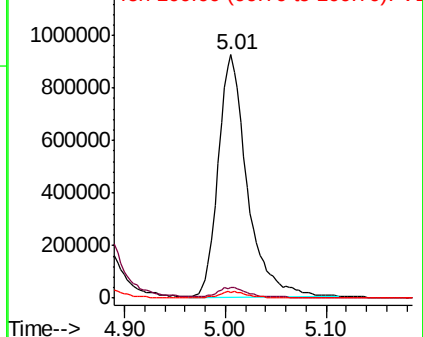
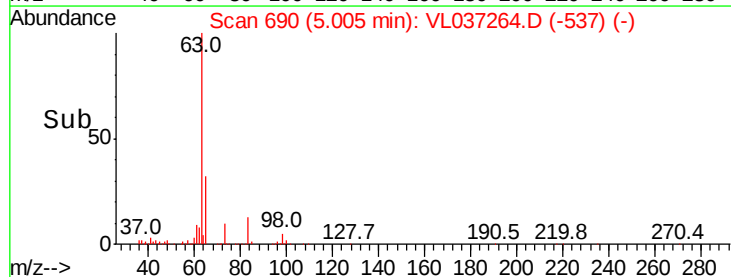
Acq: 30 Jun 2021 00:45

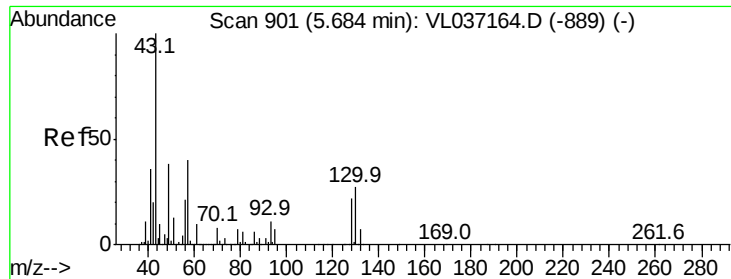
Tgt Ion: 63 Resp: 1851889

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.1	6.5
100	2.4	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



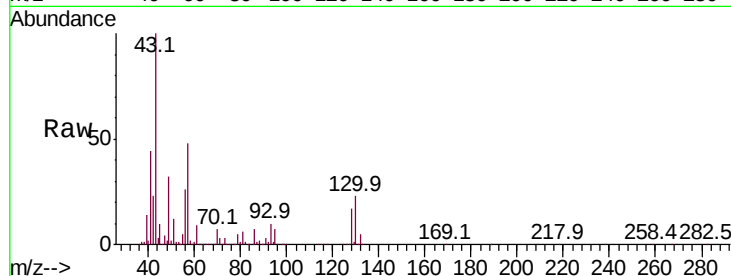


#25
Ethyl Acetate
Concen: 9.193 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 3574633

Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.0	12.0
61	10.0	8.1	12.1
70	7.2	5.5	8.3



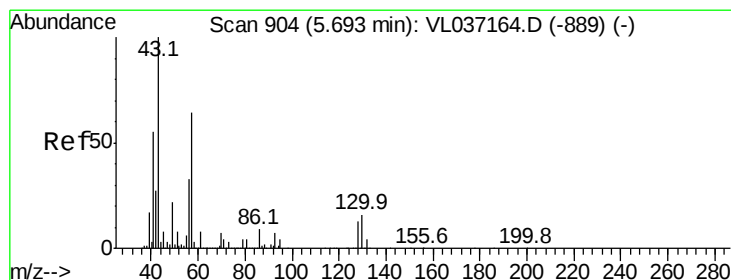
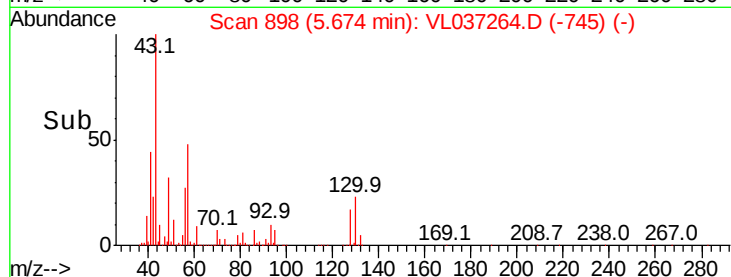
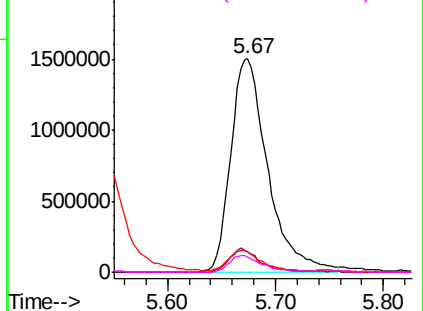
Abundance

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

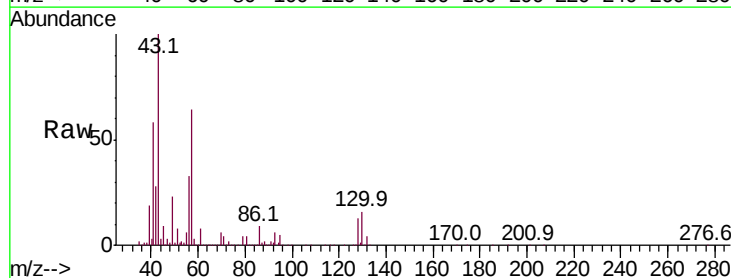
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 8.671 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

Tgt Ion: 57 Resp: 1704086

Ion	Ratio	Lower	Upper
57	100		
41	93.9	73.5	110.3
43	214.2	170.7	256.1
56	54.1	42.4	63.6



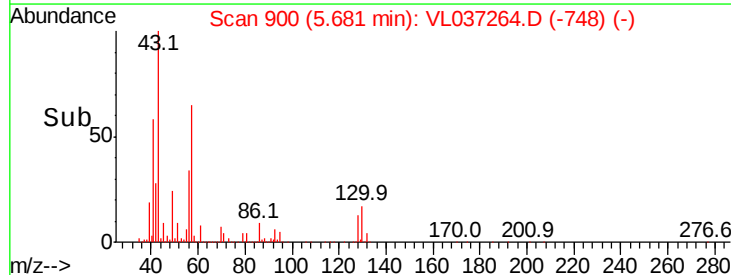
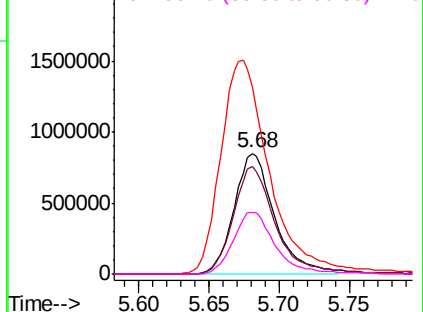
Abundance

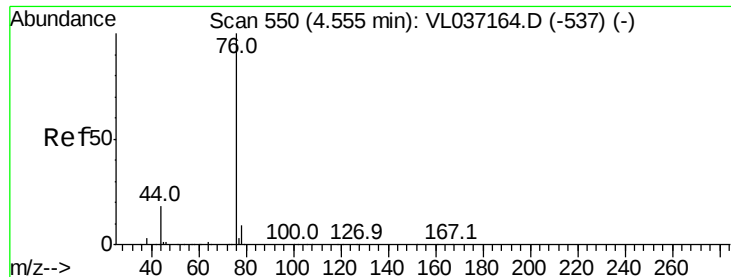
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 10.576 ppbv

RT: 4.54 min Scan# 546

Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

ClientSampled :

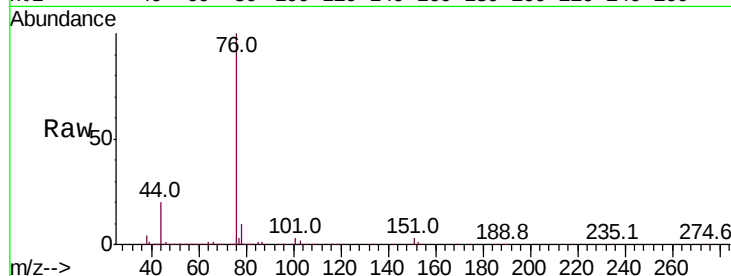
Tot Ion: 76 Resp: 2036490

Ion	Ratio	Lower	Upper
76	100		
44	19.7	15.4	23.2
78	10.0	8.0	12.0

76 100

44 19.7 15.4 23.2

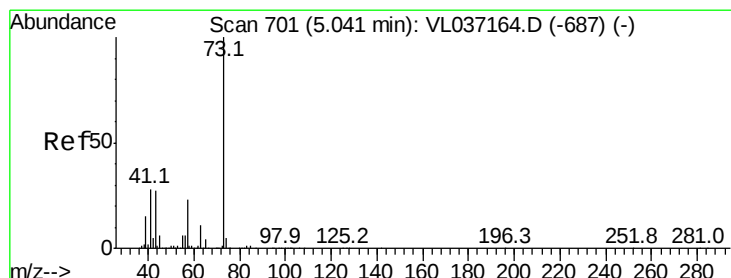
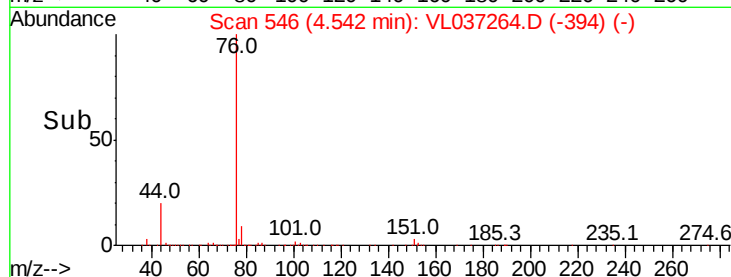
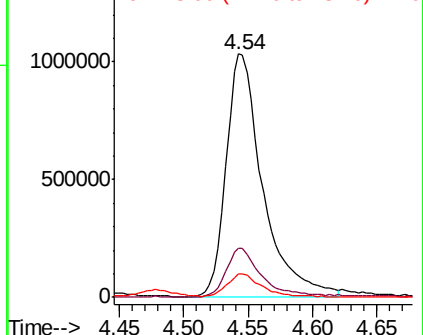
78 10.0 8.0 12.0



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 8.738 ppbv

RT: 5.03 min Scan# 698

Delta R.T. -0.01 min

Lab File: VL037264.D

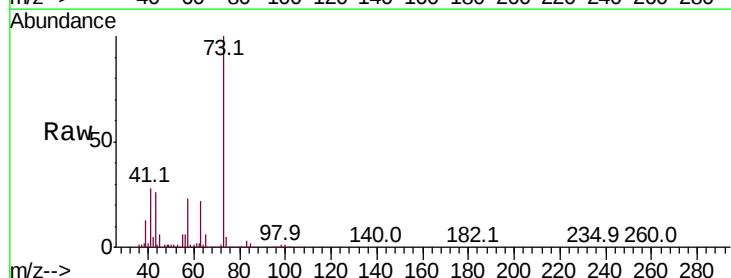
Acq: 30 Jun 2021 00:45

Tgt Ion: 73 Resp: 2064597

Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.0	27.0

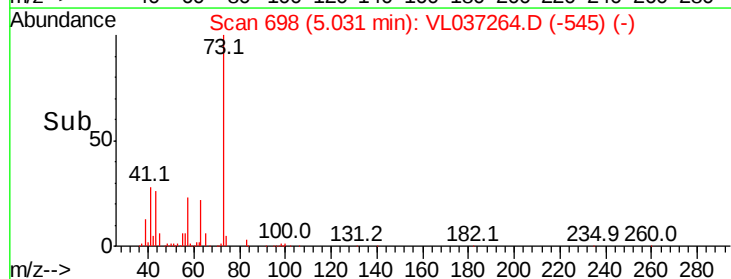
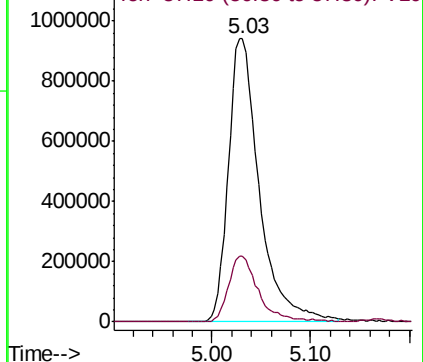
73 100

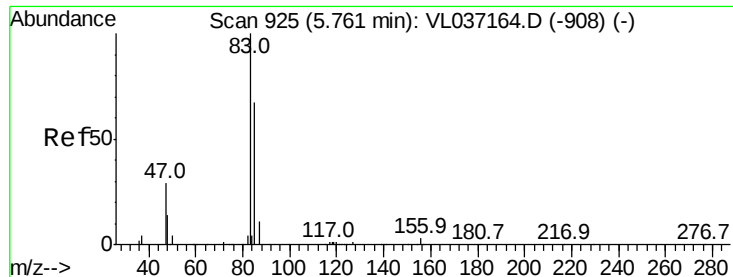
57 22.9 18.0 27.0



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 8.922 ppbv

RT: 5.75 min Scan# 921

Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

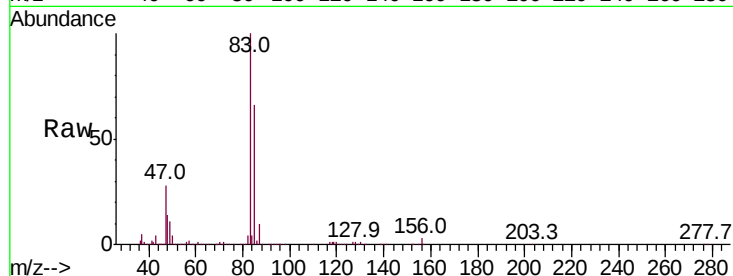
ClientSampleId :

Tot Ion: 83 Resp: 2708731

Ion Ratio Lower Upper

83 100

85 65.9 53.6 80.4



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

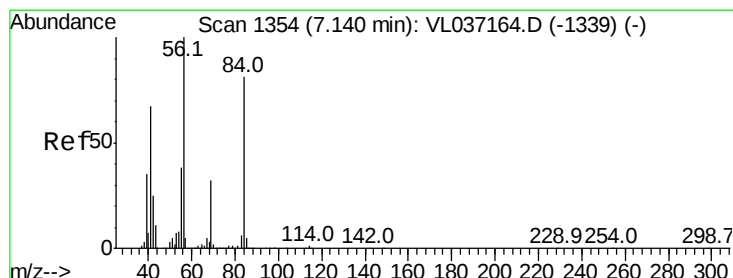
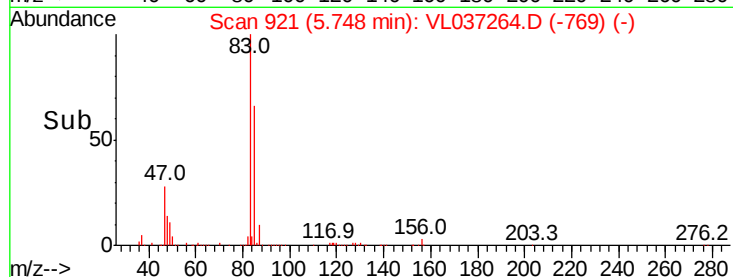
1500000

1000000

500000

0

5.65 5.70 5.75 5.80 5.85



#30

Cyclohexane

Concen: 9.173 ppbv

RT: 7.12 min Scan# 1349

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

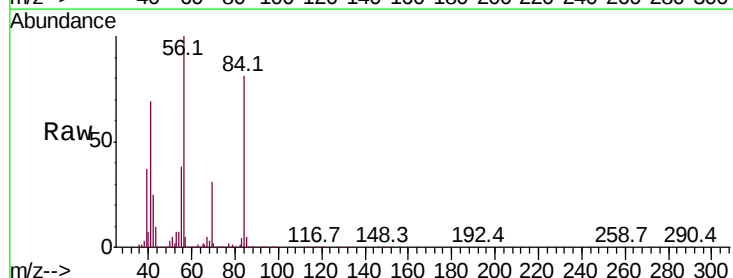
Tgt Ion: 84 Resp: 1502159

Ion Ratio Lower Upper

84 100

56 136.0 107.7 161.5

41 86.5 69.0 103.6



Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

1000000

800000

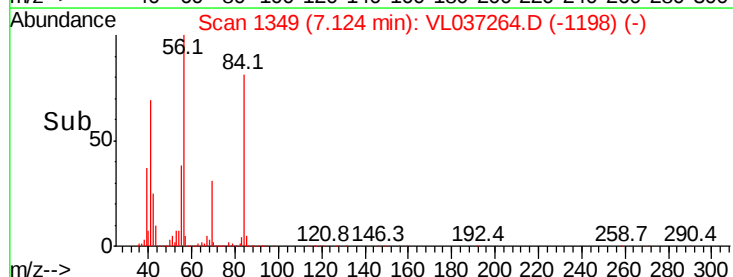
600000

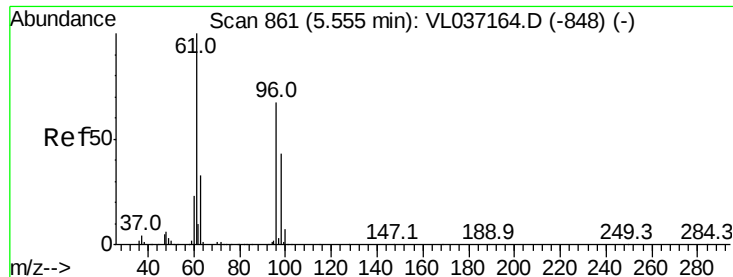
400000

200000

0

7.05 7.10 7.15 7.20



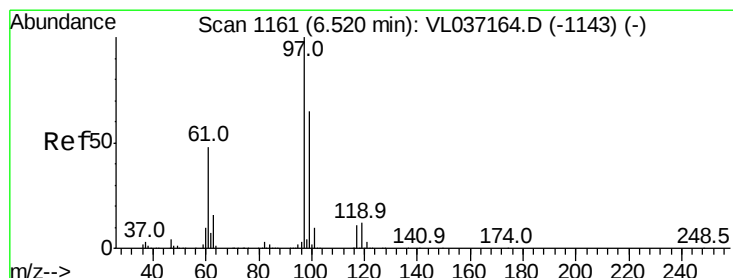
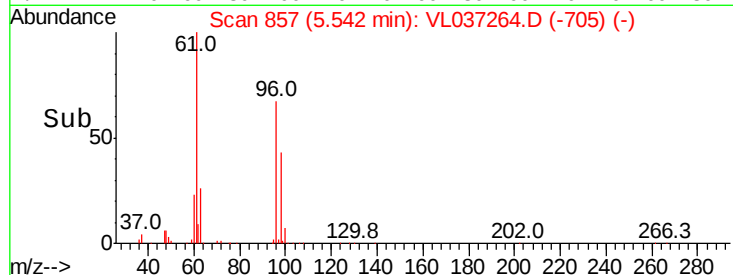
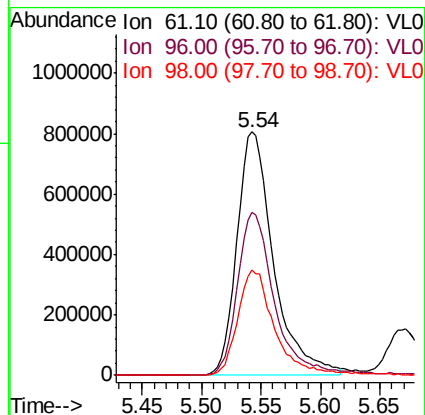
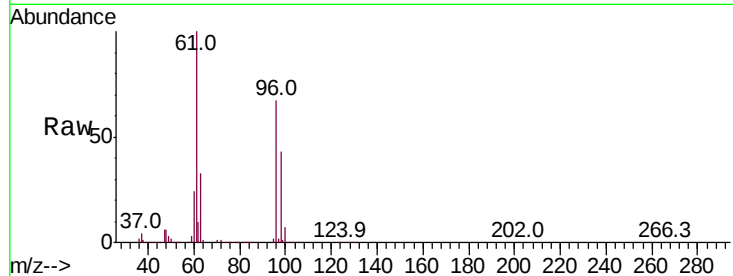


#31

cis-1,2-Dichloroethene
Concen: 9.509 ppbv
RT: 5.54 min Scan# 857
Delta R.T. -0.01 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

Instrument :
MSVOA_L
ClientSampleId :

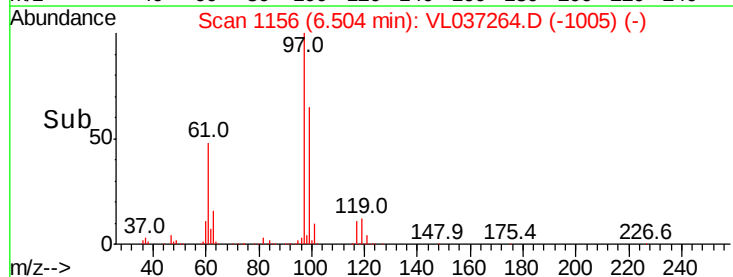
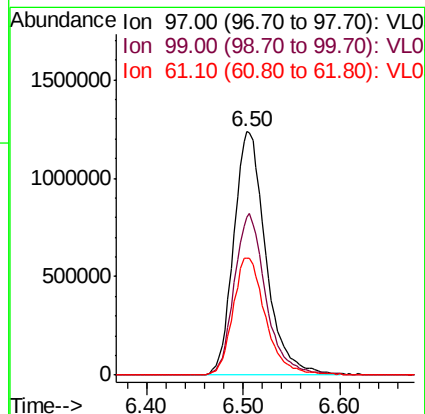
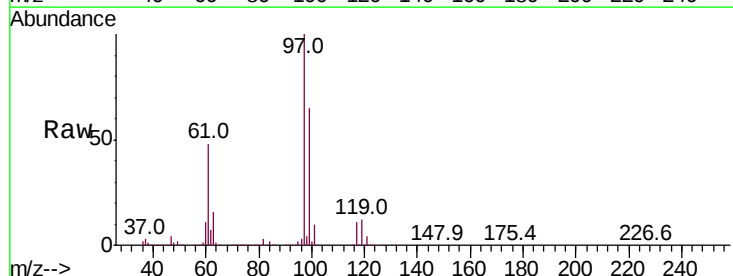
Tot Ion: 61 Resp: 1717296
Ion Ratio Lower Upper
61 100
96 67.0 53.6 80.4
98 43.3 34.7 52.1

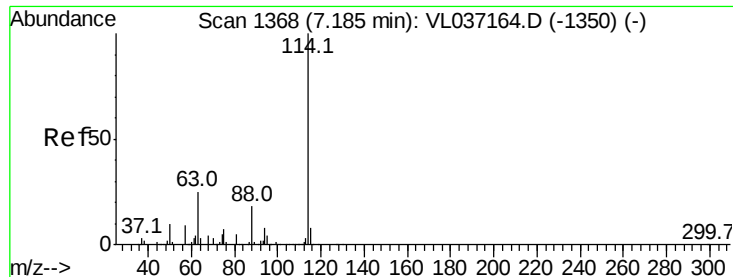


#32

1,1,1-Trichloroethane
Concen: 8.774 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. -0.02 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

Tgt Ion: 97 Resp: 2850515
Ion Ratio Lower Upper
97 100
99 65.7 52.2 78.4
61 49.0 38.8 58.2

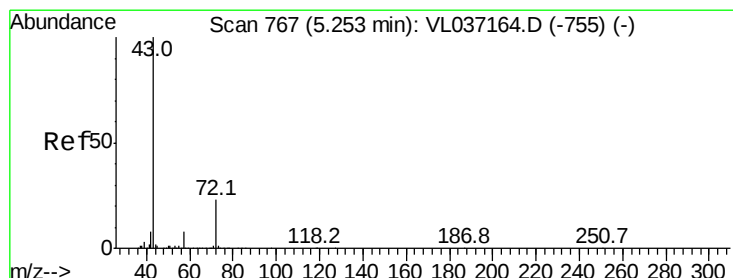
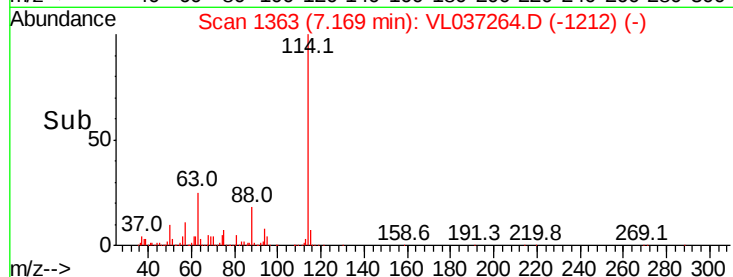
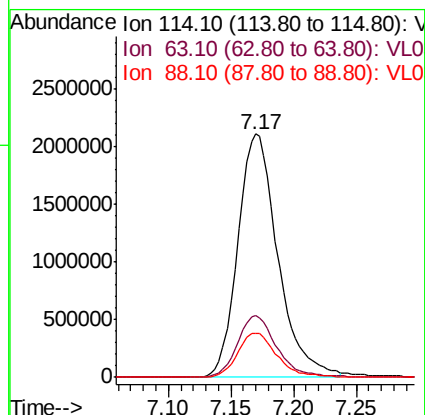
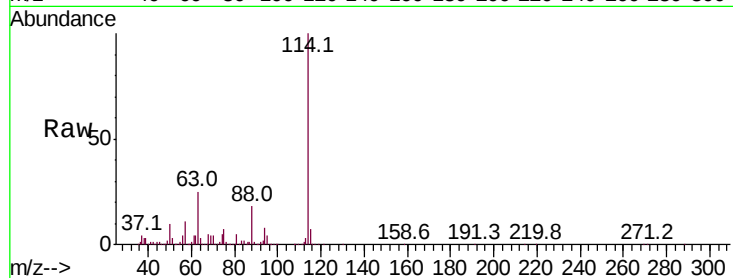




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.02 min
 Lab File: VL037264.D
 Acq: 30 Jun 2021 00:45

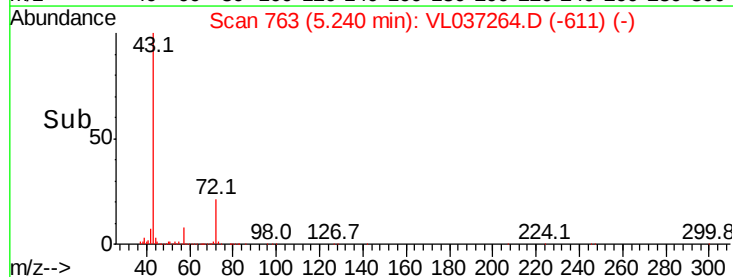
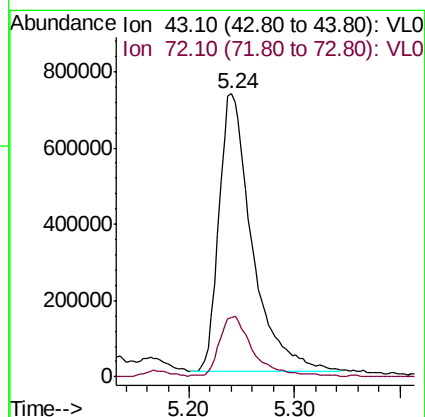
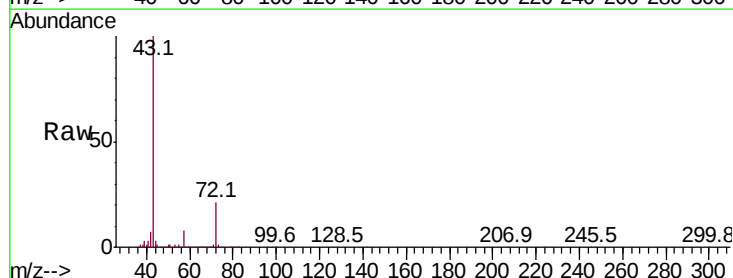
Instrument :
 MSVOA_L
 ClientSampleId :

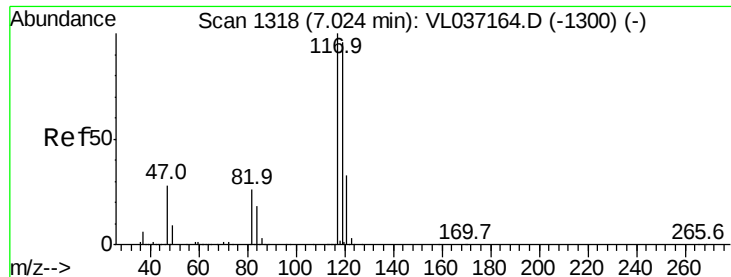
Tot Ion:114 Resp: 4675455
 Ion Ratio Lower Upper
 114 100
 63 25.5 19.6 29.4
 88 18.3 14.2 21.2



#34
 2-Butanone
 Concen: 8.766 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: VL037264.D
 Acq: 30 Jun 2021 00:45

Tgt Ion: 43 Resp: 1594043
 Ion Ratio Lower Upper
 43 100
 72 22.3 18.9 28.3





#35

Carbon Tetrachloride

Concen: 9.543 ppbv

RT: 7.01 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

ClientSampleId :

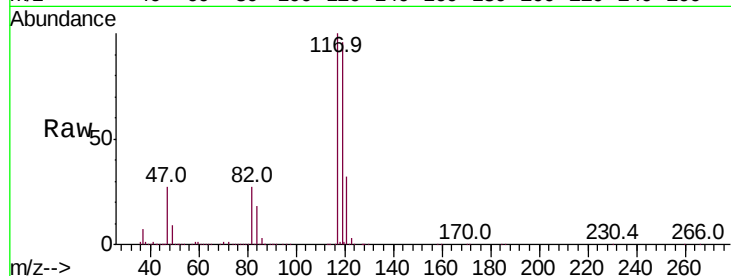
Tot Ion:117 Resp: 2992536

Ion Ratio Lower Upper

117 100

119 96.0 76.6 114.8

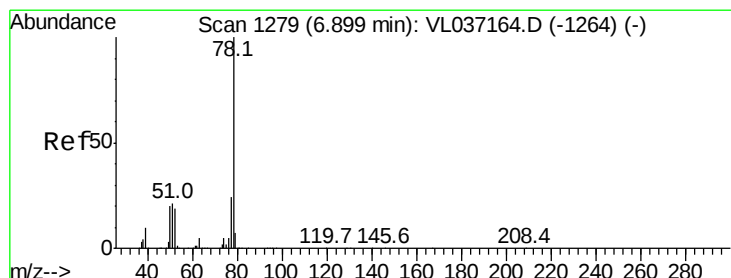
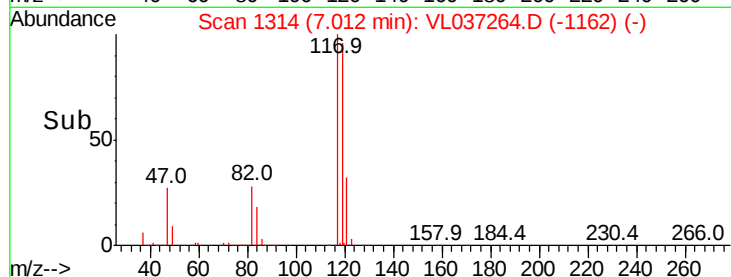
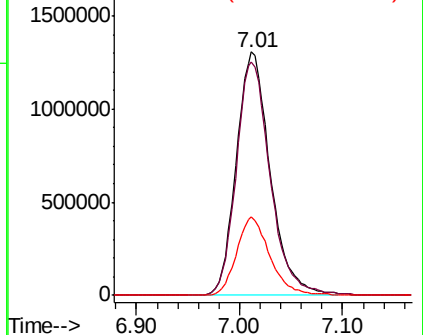
121 32.2 26.4 39.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.445 ppbv

RT: 6.88 min Scan# 1274

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

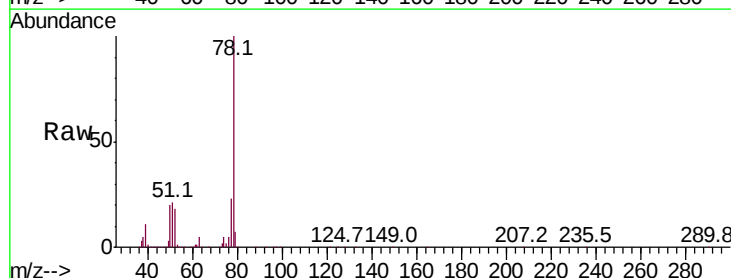
Tgt Ion: 78 Resp: 3571011

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

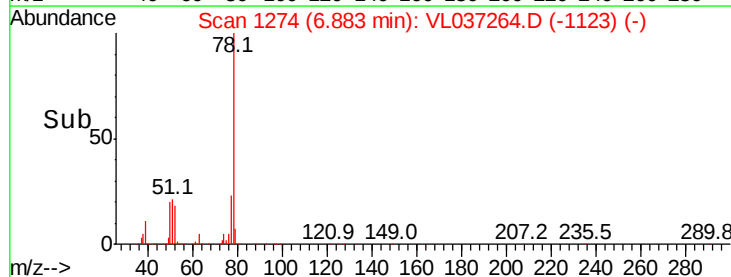
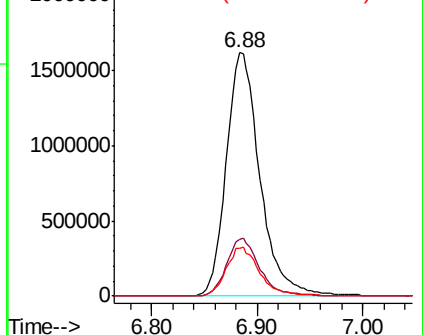
50 19.5 15.7 23.5

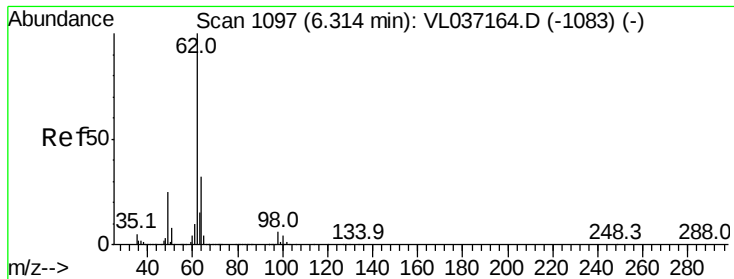


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

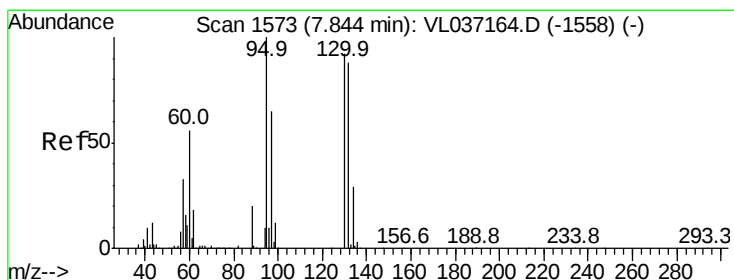
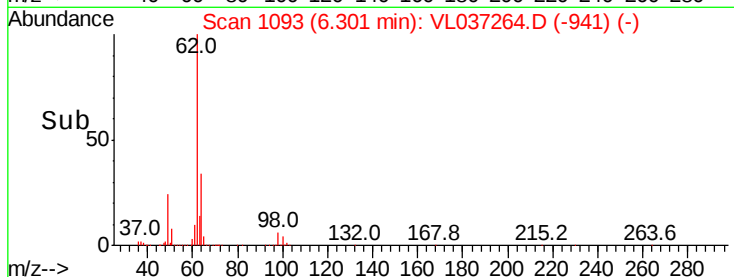
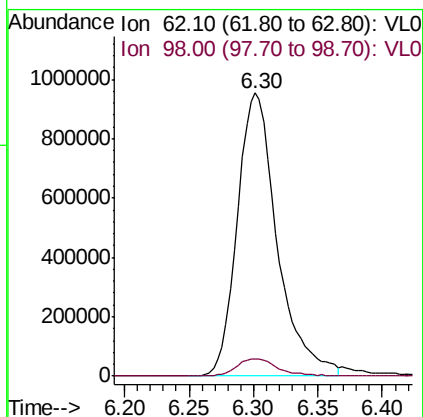
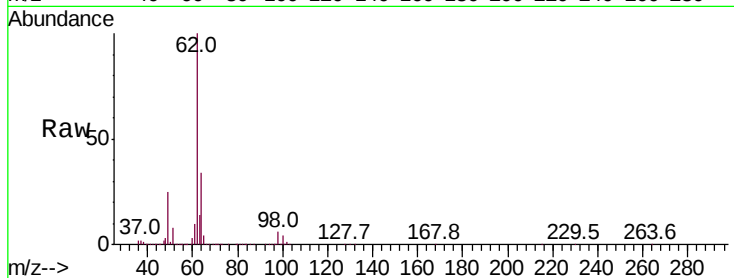




#37
1,2-Dichloroethane
Concen: 9.363 ppbv
RT: 6.30 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

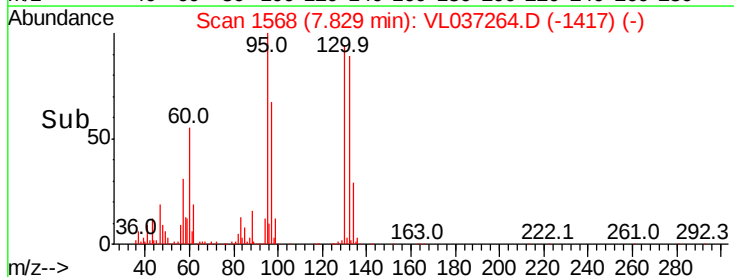
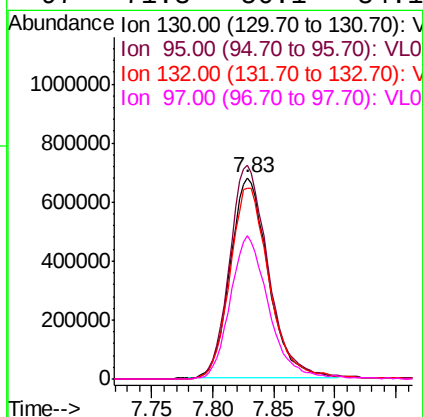
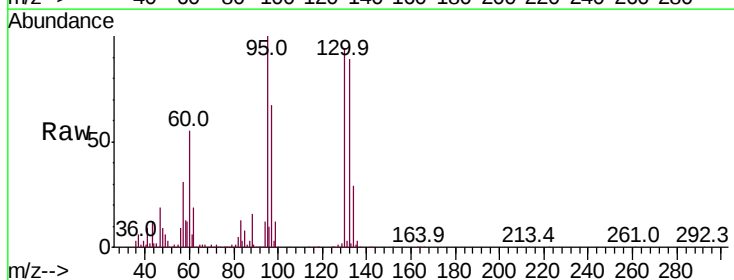
Instrument :
MSVOA_L
ClientSampled :

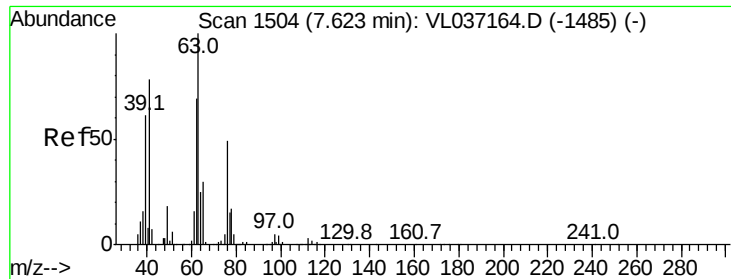
Tot Ion: 62 Resp: 2056445
Ion Ratio Lower Upper
62 100
98 6.4 5.0 7.6



#38
Trichloroethene
Concen: 8.216 ppbv
RT: 7.83 min Scan# 1568
Delta R.T. -0.02 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

Tgt Ion:130 Resp: 1476584
Ion Ratio Lower Upper
130 100
95 106.5 86.6 129.8
132 95.2 76.6 114.8
97 71.3 56.1 84.1





#39

1,2-Dichloropropane

Concen: 9.748 ppbv

RT: 7.61 min Scan# 1499

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

ClientSampleId :

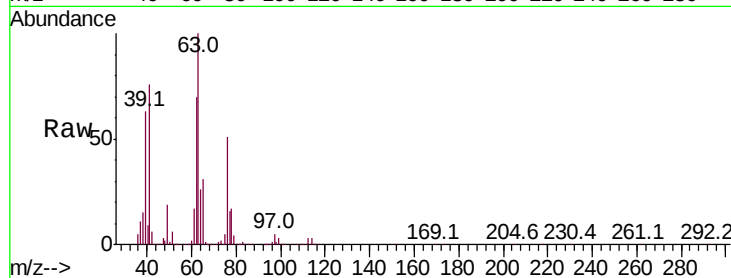
Tot Ion: 63 Resp: 1369437

Ion Ratio Lower Upper

63 100

41 75.7 62.0 93.0

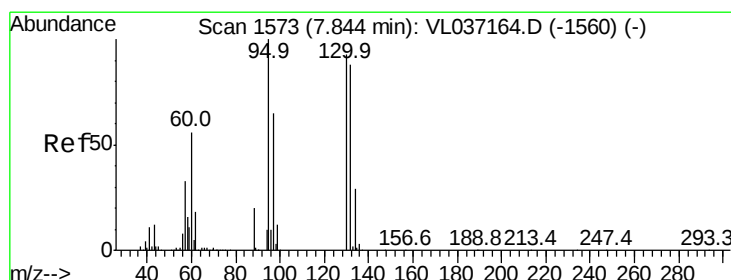
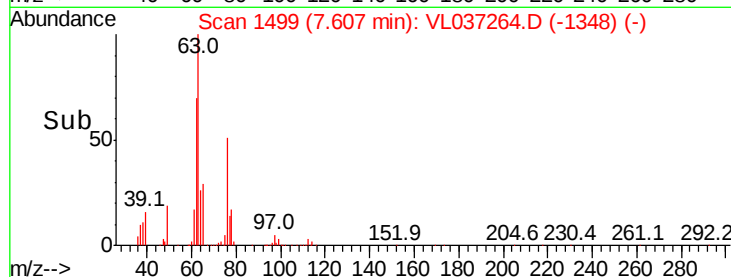
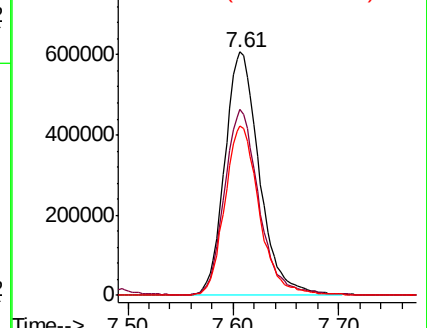
62 69.6 54.9 82.3



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: 8.099 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Tgt Ion: 88 Resp: 312023

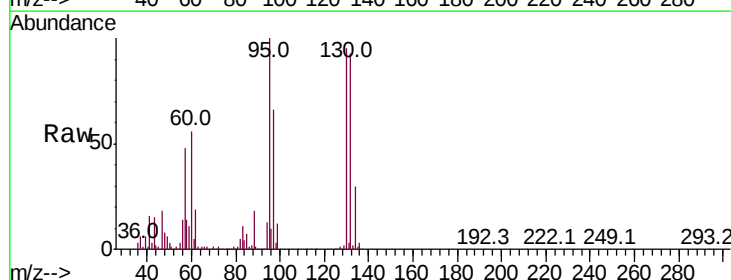
Ion Ratio Lower Upper

88 100

58 161.7 118.4 177.6

43 432.5 284.0 426.0#

57 1895.1 1231.8 1847.6#

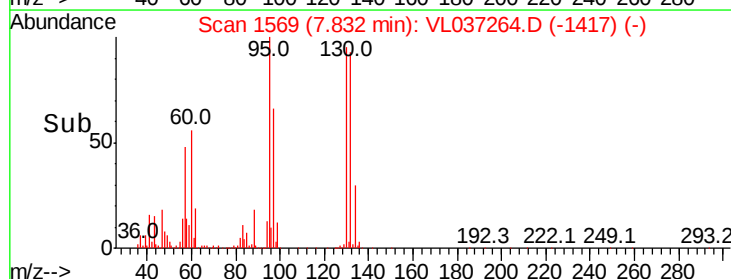
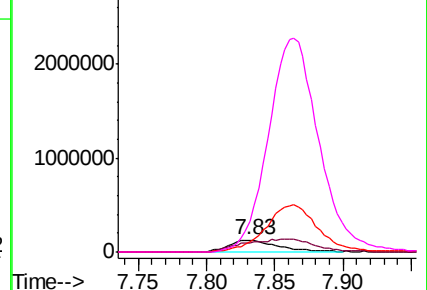


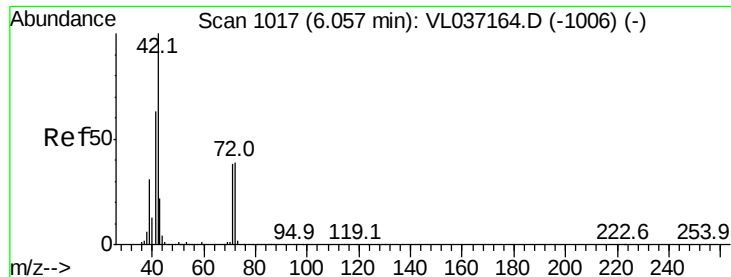
Abundance Ion 88.10 (87.80 to 88.80): VL0

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

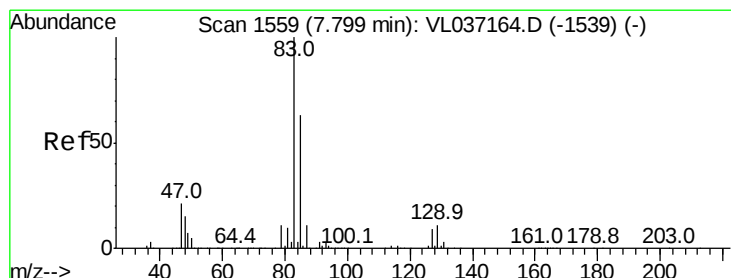
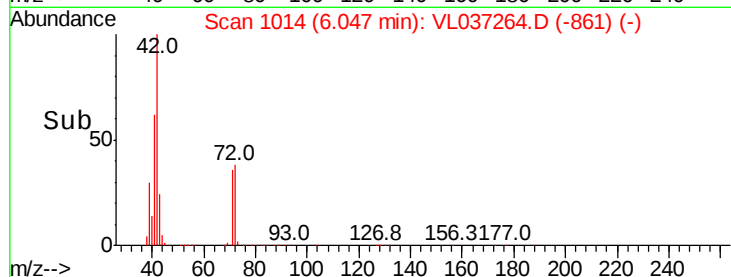
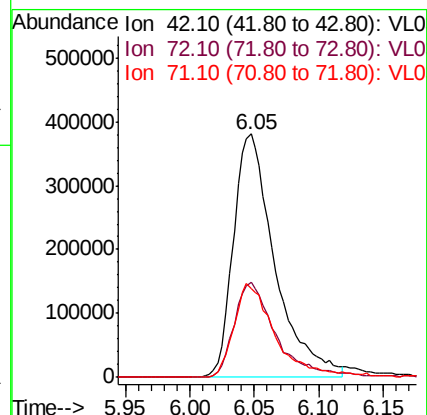
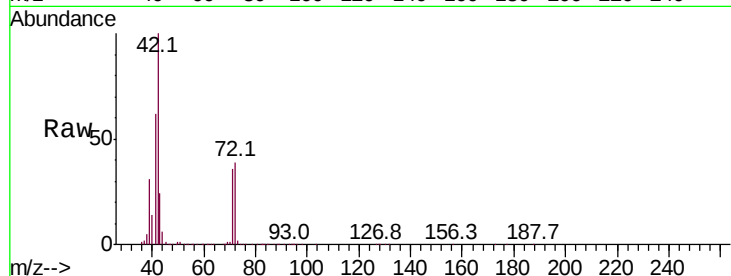




#41
Tetrahydrofuran
Concen: 10.086 ppbv
RT: 6.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

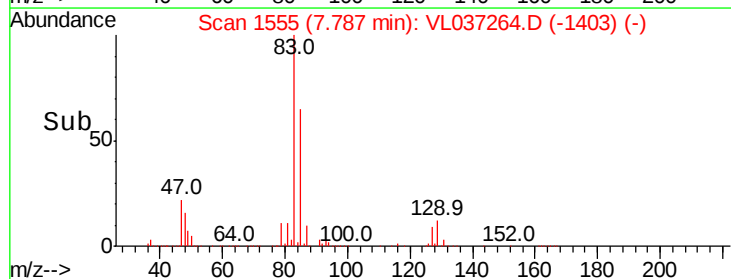
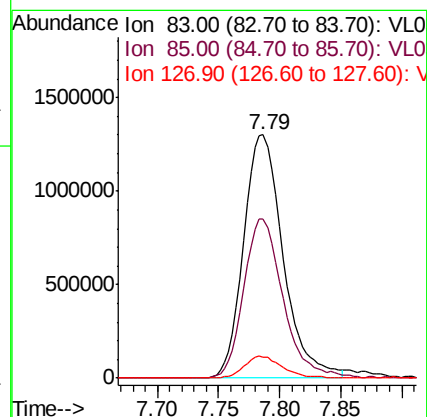
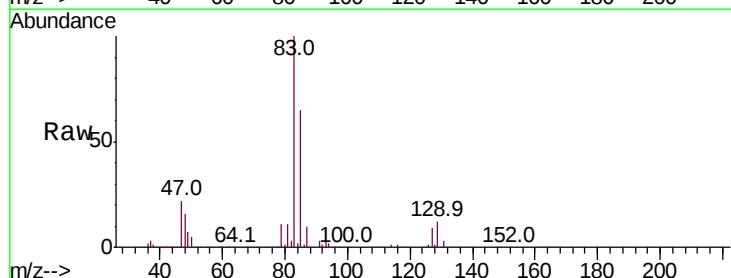
Instrument :
MSVOA_L
ClientSampled :

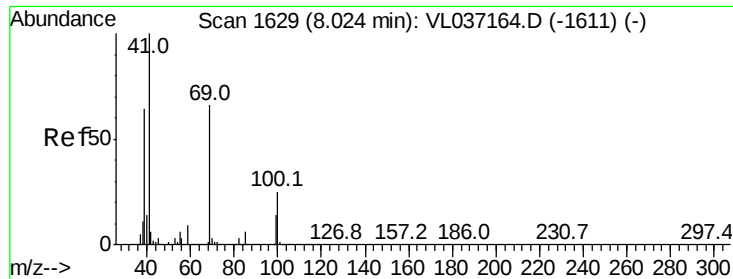
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	33.0	49.4
71	39.2	31.0	46.6



#42
Bromodichloromethane
Concen: 9.637 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.01 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.8	76.2
127	8.8	7.0	10.6





#43

Methyl Methacrylate

Concen: 9.999 ppbv

RT: 8.01 min Scan# 1624

Delta R.T. -0.02 min

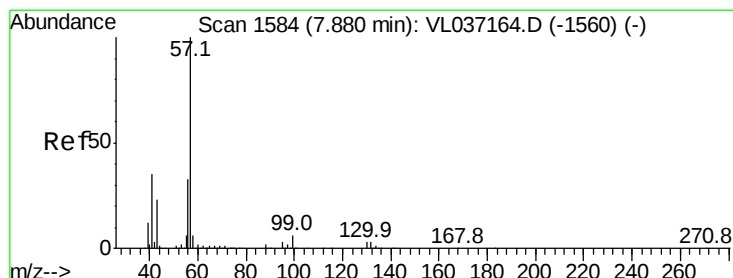
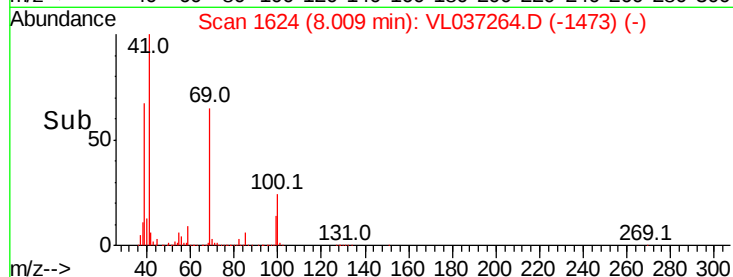
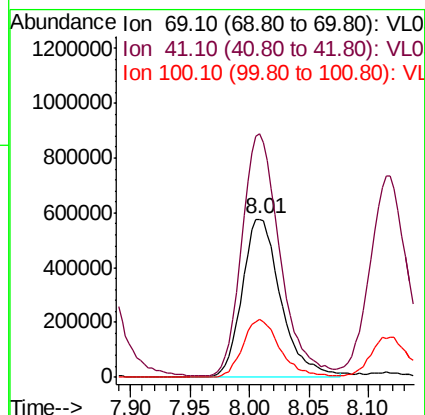
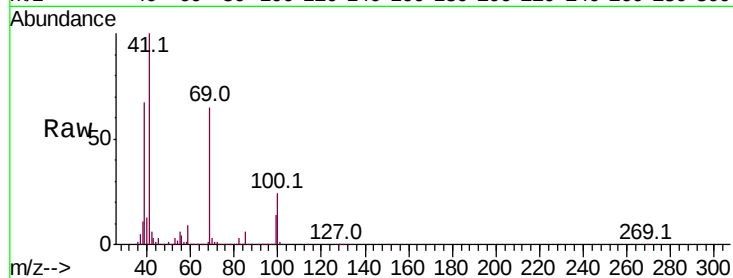
Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 69 Resp: 1305541

Ion	Ratio	Lower	Upper
69	100		
41	152.2	119.4	179.0
100	35.4	28.6	43.0



#44

2,2,4-Trimethylpentane

Concen: 9.293 ppbv

RT: 7.86 min Scan# 1579

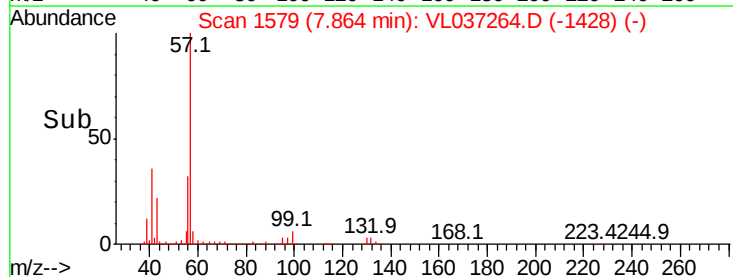
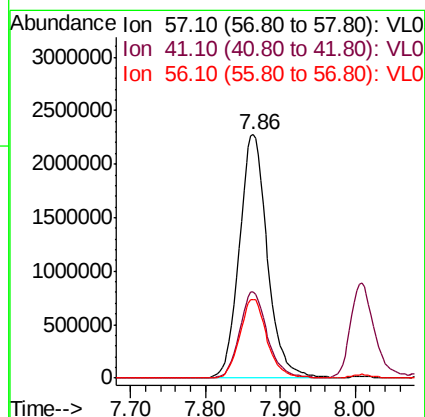
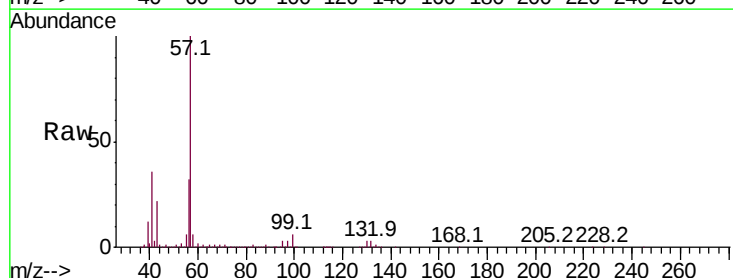
Delta R.T. -0.02 min

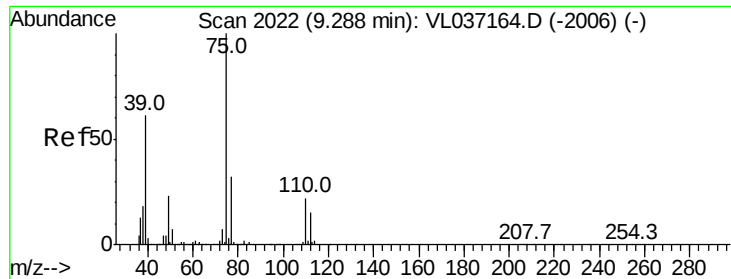
Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Tgt Ion: 57 Resp: 5916505

Ion	Ratio	Lower	Upper
57	100		
41	35.2	27.6	41.4
56	31.6	25.3	37.9

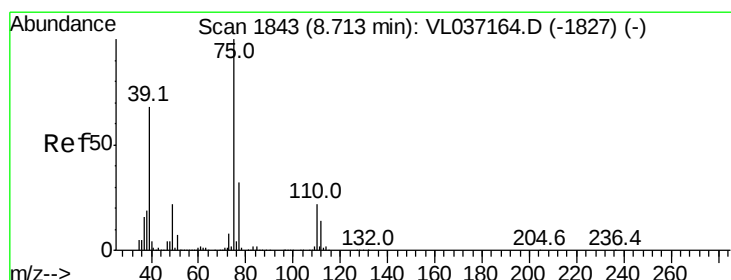
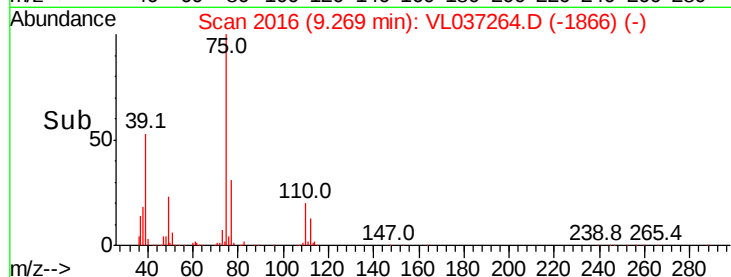
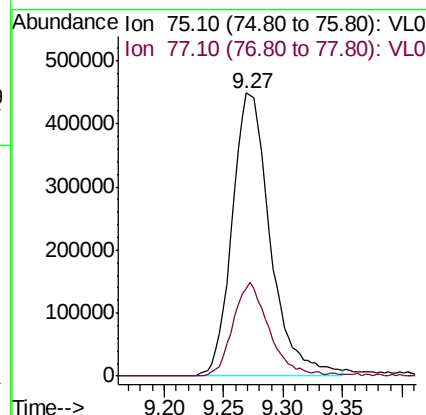
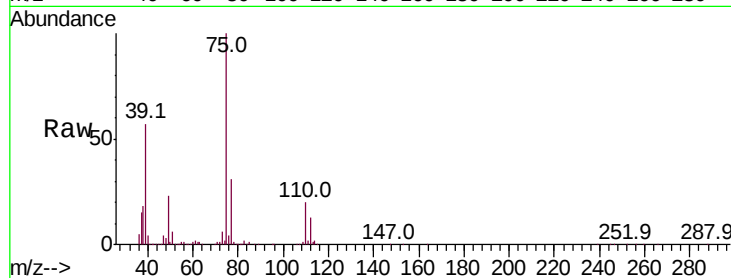




#45
t-1,3-Dichloropropene
Concen: 8.612 ppbv
RT: 9.27 min Scan# 2016
Delta R.T. -0.02 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

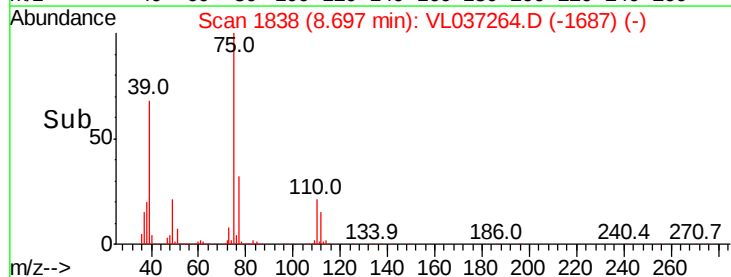
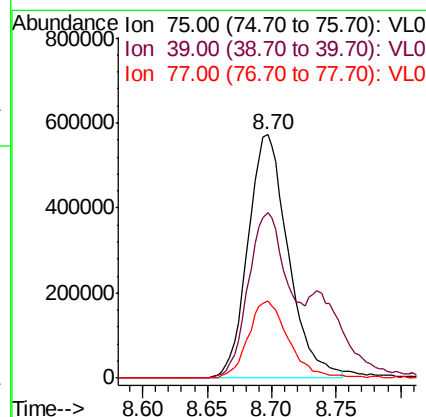
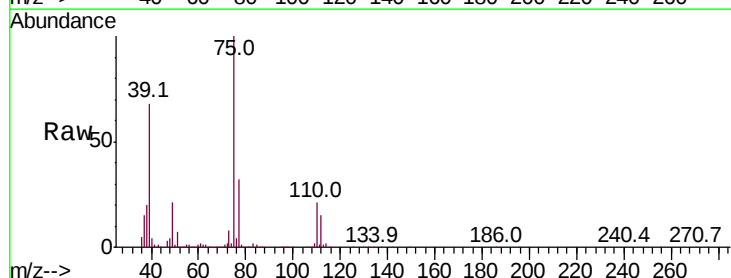
Instrument :
MSVOA_L
ClientSampled :

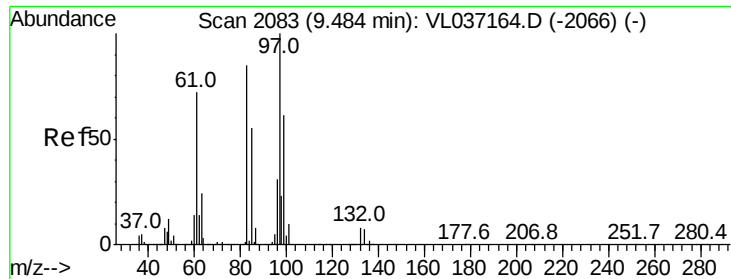
Tot Ion: 75 Resp: 992016
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4



#46
cis-1,3-Dichloropropene
Concen: 7.911 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. -0.02 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

Tgt Ion: 75 Resp: 1246709
Ion Ratio Lower Upper
75 100
39 68.0 54.7 82.1
77 31.7 25.8 38.8

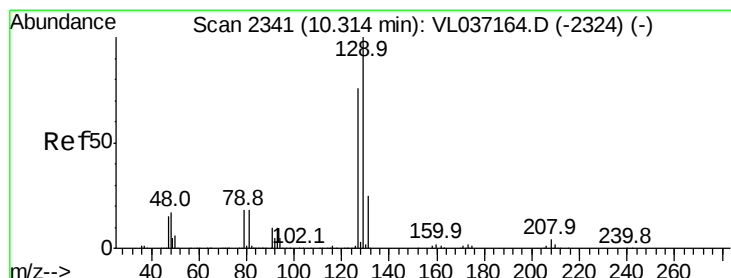
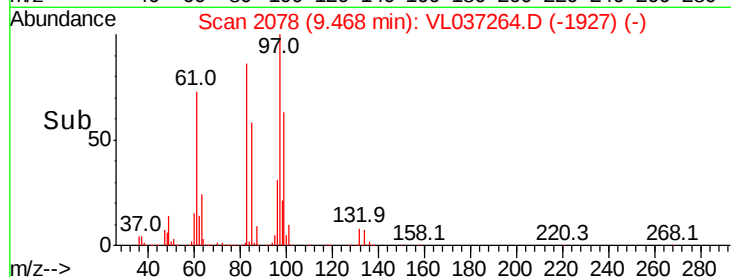
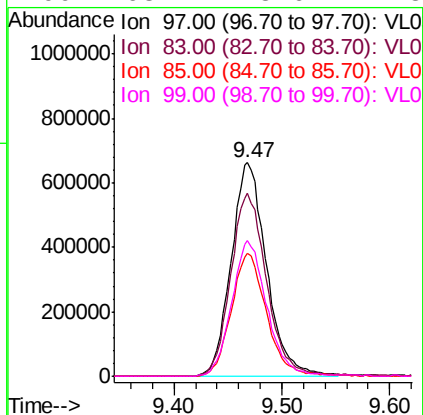
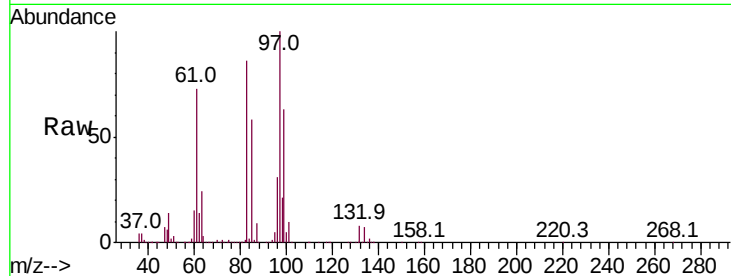




#47
 1,1,2-Trichloroethane
 Concen: 9.448 ppbv
 RT: 9.47 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: VL037264.D
 Acq: 30 Jun 2021 00:45

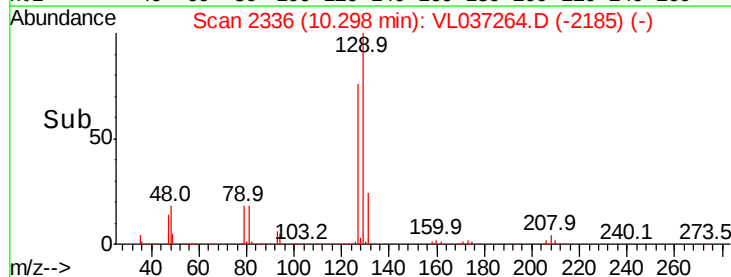
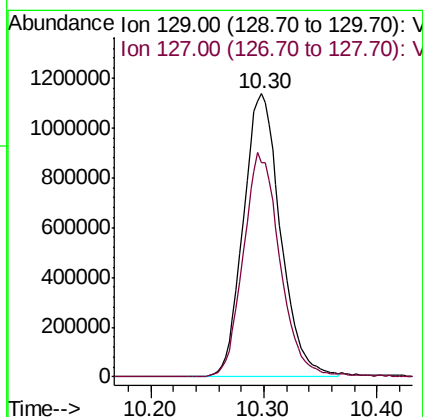
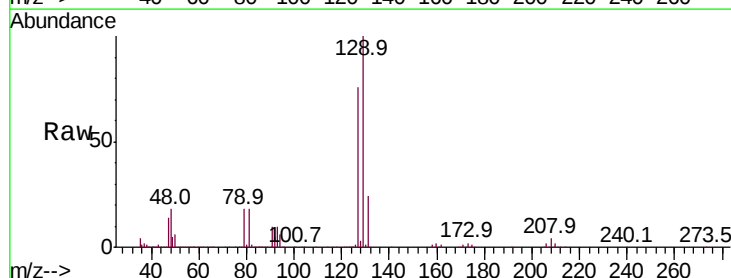
Instrument :
 MSVOA_L
 ClientSampleId :

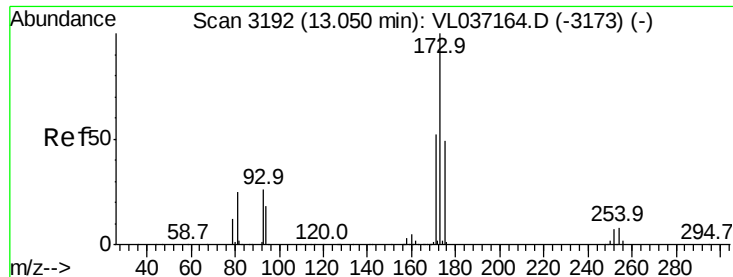
Tot Ion: 97 Resp: 1514276
 Ion Ratio Lower Upper
 97 100
 83 85.8 68.3 102.5
 85 57.6 44.1 66.1
 99 63.4 48.6 72.8



#48
 Dibromochloromethane
 Concen: 10.283 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: VL037264.D
 Acq: 30 Jun 2021 00:45

Tgt Ion: 129 Resp: 2601718
 Ion Ratio Lower Upper
 129 100
 127 78.9 39.1 117.2





#49

Bromoform

Concen: 11.290 ppbv

RT: 13.03 min Scan# 3187

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

ClientSampleId :

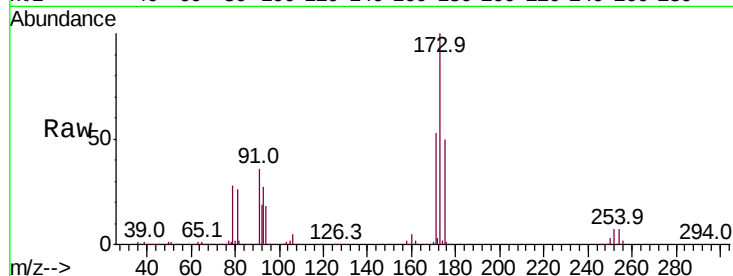
Tot Ion:173 Resp: 2128141

Ion Ratio Lower Upper

173 100

175 51.0 40.2 60.4

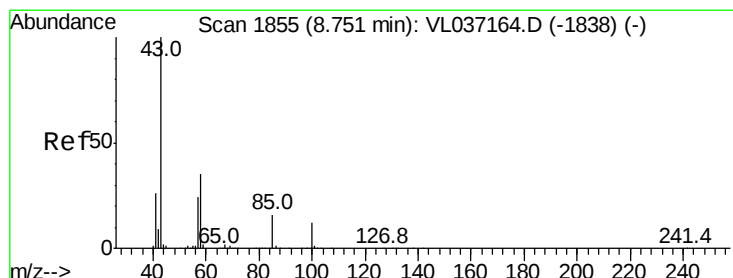
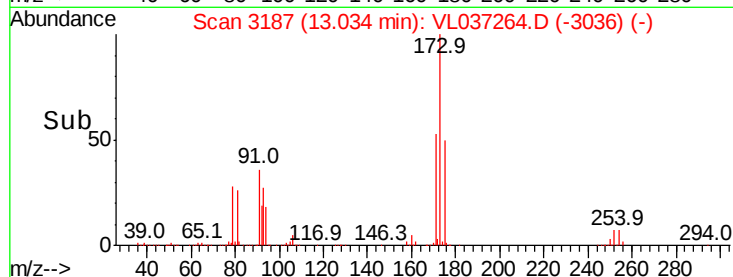
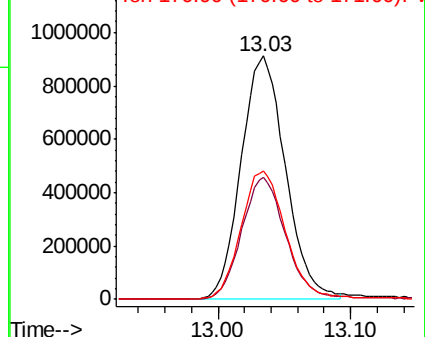
171 54.1 41.8 62.8



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: 10.315 ppbv

RT: 8.74 min Scan# 1850

Delta R.T. -0.02 min

Lab File: VL037264.D

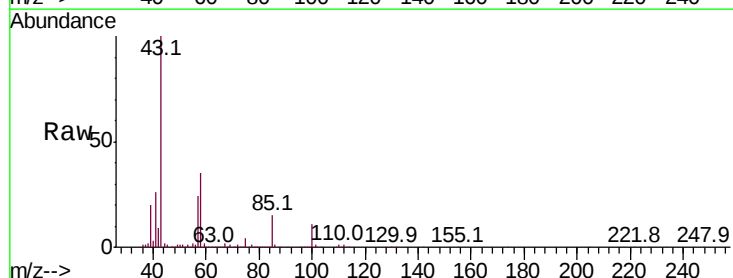
Acq: 30 Jun 2021 00:45

Tgt Ion: 43 Resp: 2576125

Ion Ratio Lower Upper

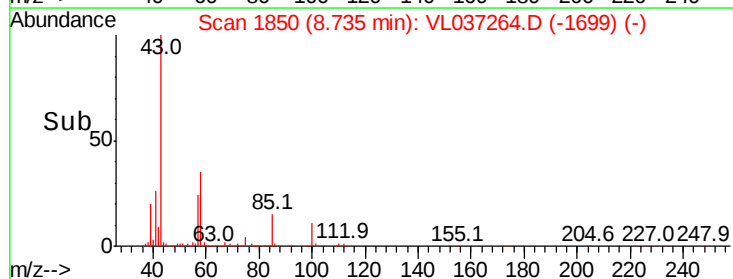
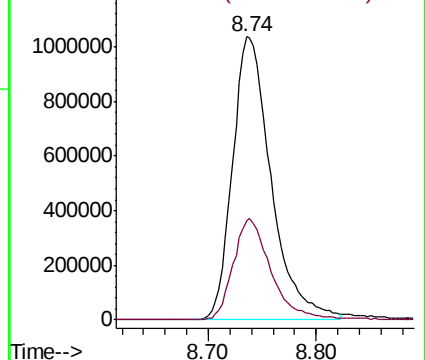
43 100

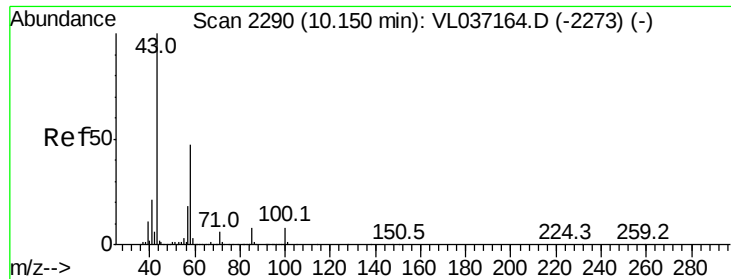
58 35.5 28.4 42.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

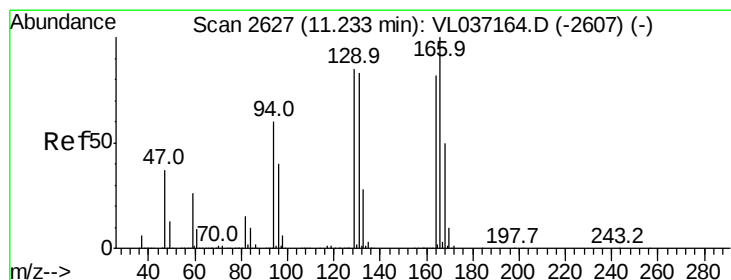
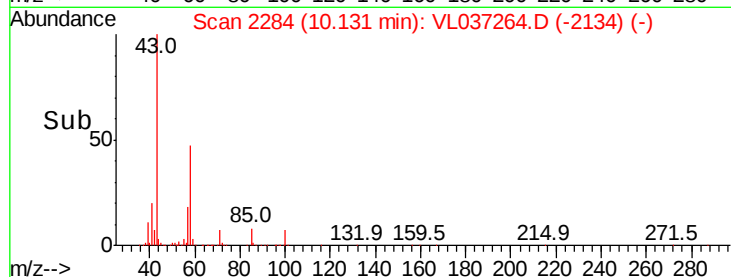
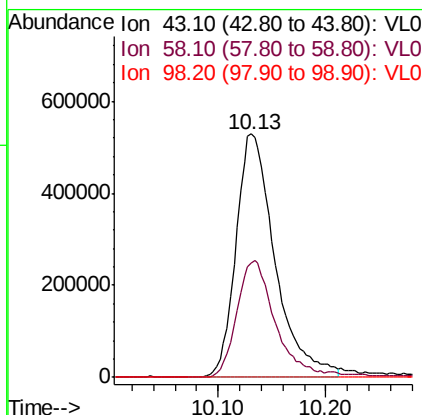
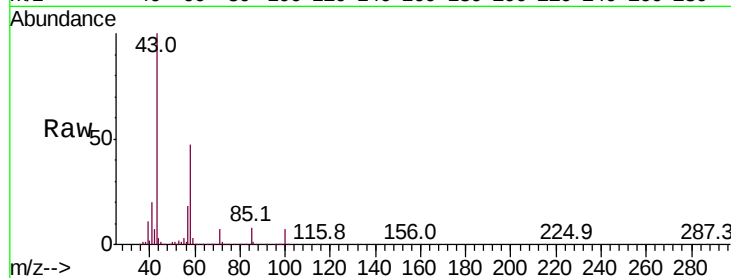




#51
2-Hexanone
Concen: 10.979 ppbv
RT: 10.13 min Scan# 2284
Delta R.T. -0.02 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

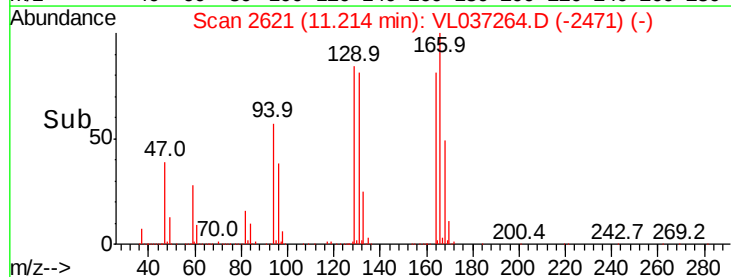
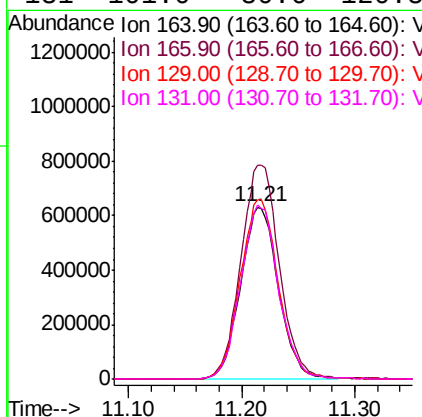
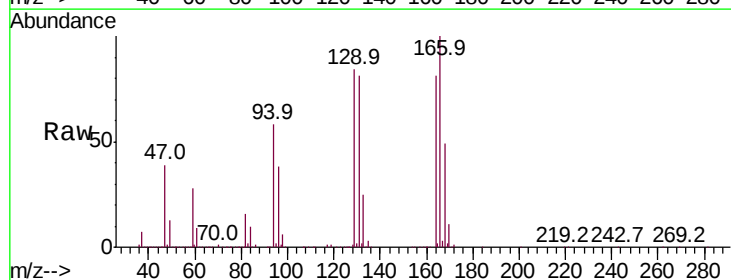
Instrument :
MSVOA_L
ClientSampleId :

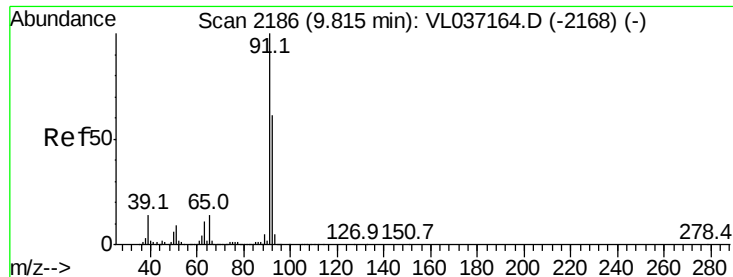
Tot Ion: 43 Resp: 1334176
Ion Ratio Lower Upper
43 100
58 48.6 38.4 57.6
98 0.2 0.3 0.5#



#52
Tetrachloroethene
Concen: 8.322 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.02 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

Tgt Ion:164 Resp: 1462025
Ion Ratio Lower Upper
164 100
166 124.1 97.6 146.4
129 103.8 82.9 124.3
131 101.0 80.6 120.8





#53

Toluene

Concen: 9.469 ppbv

RT: 9.80 min Scan# 2181

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

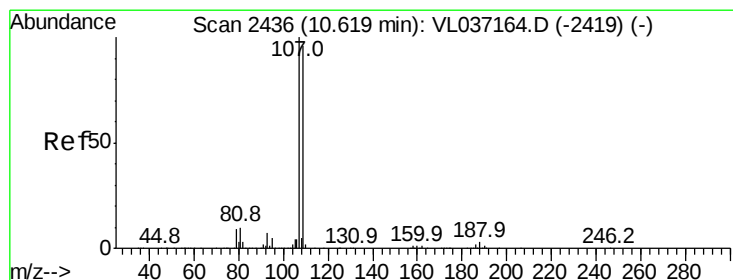
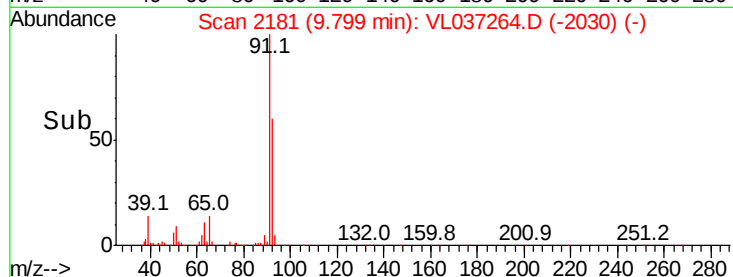
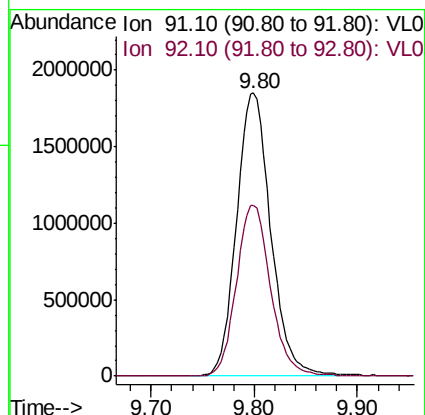
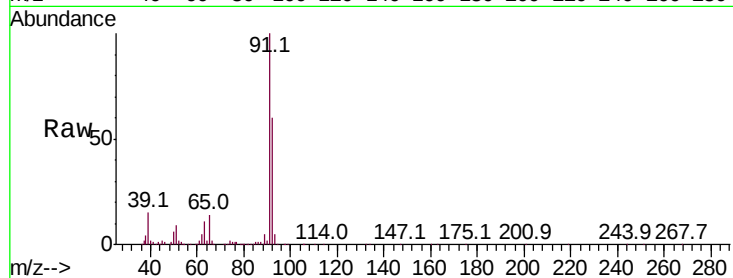
ClientSampleId :

Tot Ion: 91 Resp: 4276145

Ion Ratio Lower Upper

91 100

92 60.9 48.3 72.5



#54

1,2-Dibromoethane

Concen: 9.657 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.02 min

Lab File: VL037264.D

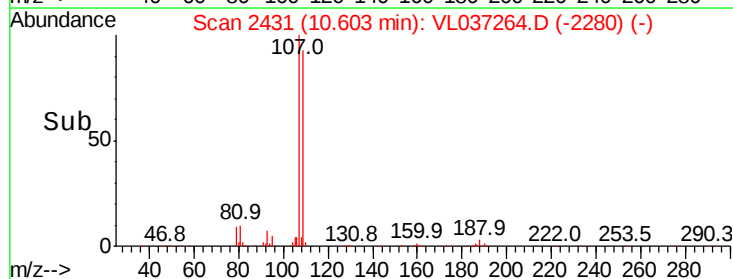
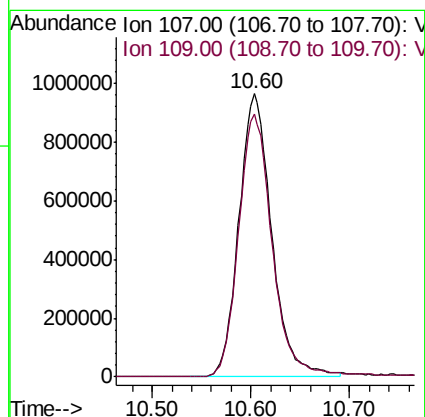
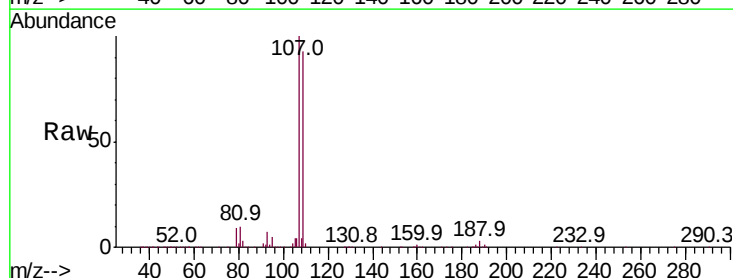
Acq: 30 Jun 2021 00:45

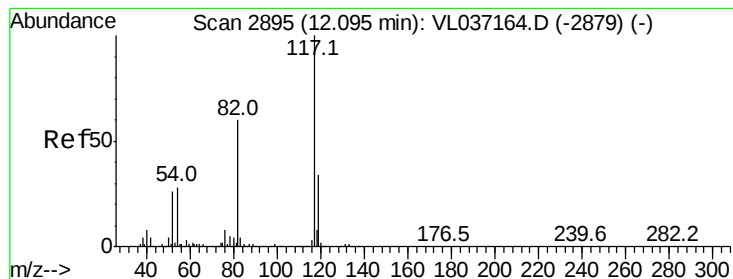
Tgt Ion: 107 Resp: 2224447

Ion Ratio Lower Upper

107 100

109 92.8 77.0 115.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2890

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

ClientSampleId :

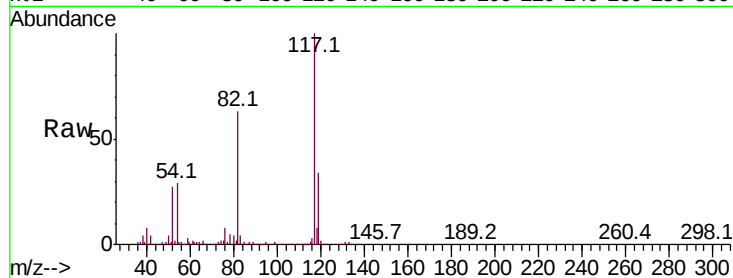
Tot Ion:117 Resp: 5491193

Ion Ratio Lower Upper

117 100

82 52.5 51.7 77.5

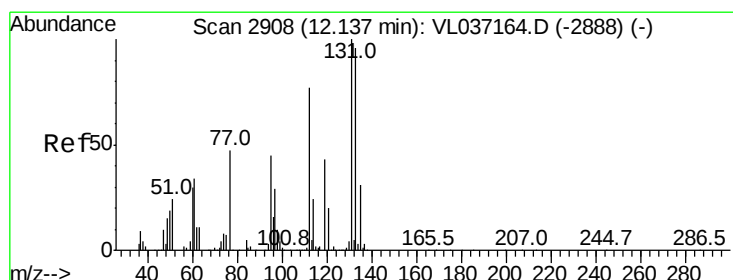
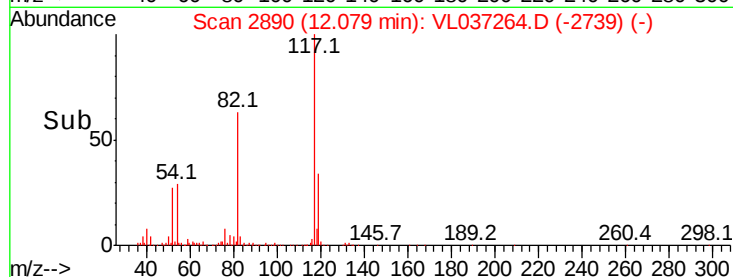
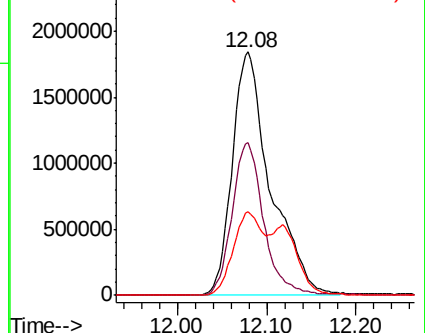
119 47.1 47.6 71.4#



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: 7.543 ppbv

RT: 12.12 min Scan# 2902

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

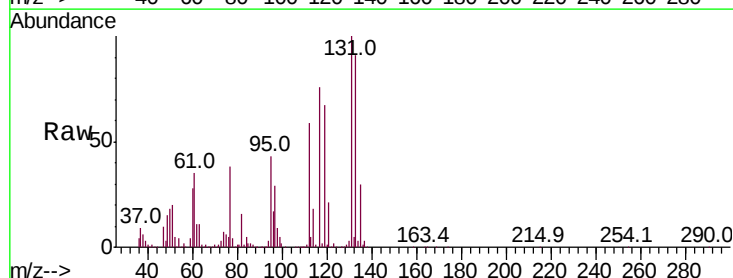
Tgt Ion:131 Resp: 1810972

Ion Ratio Lower Upper

131 100

133 96.0 76.5 114.7

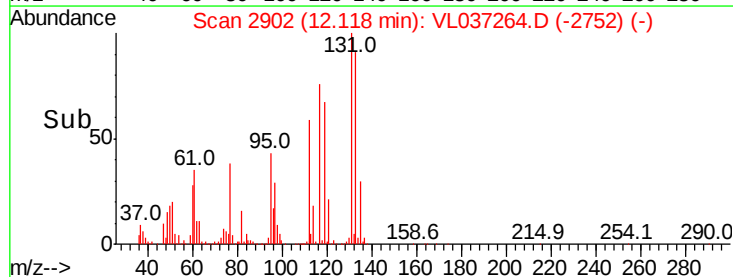
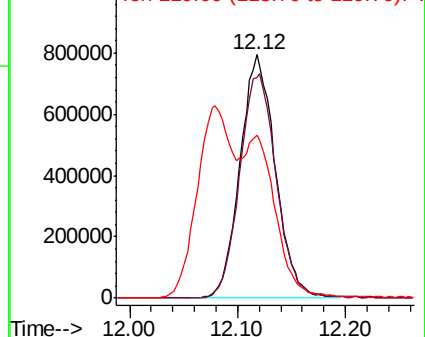
119 144.1 48.6 72.8#

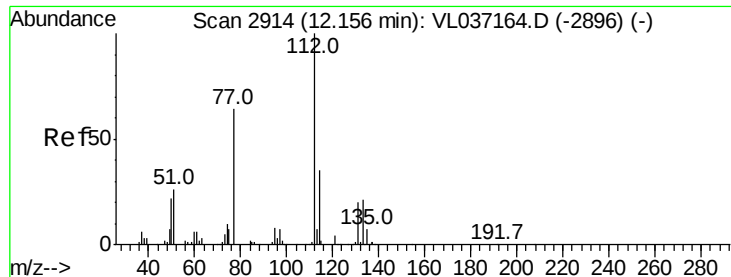


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

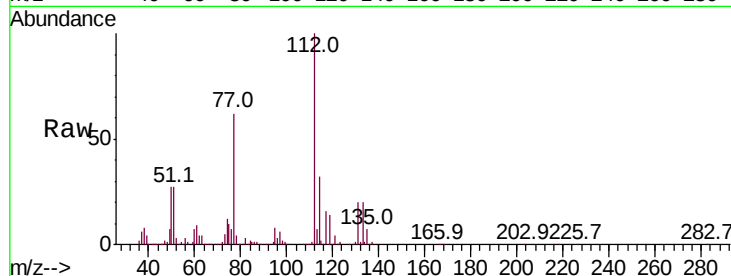




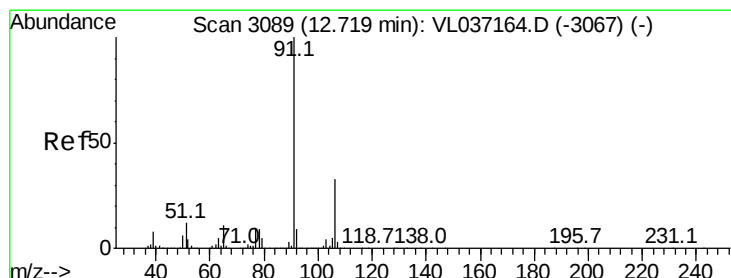
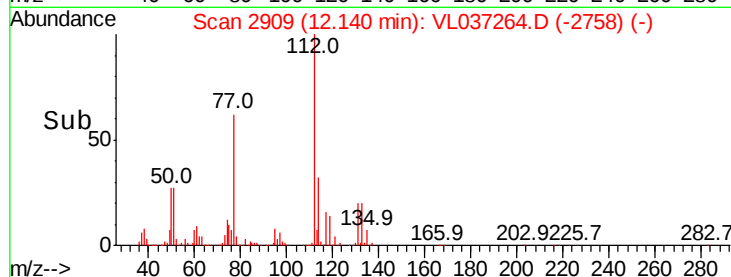
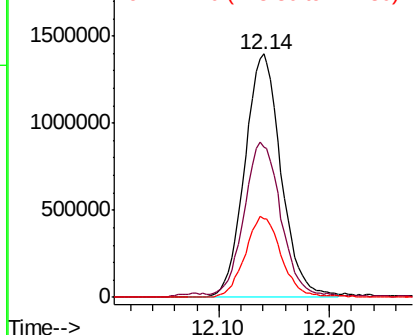
#57
Chlorobenzene
Concen: 7.174 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.02 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:112 Resp: 3194639
Ion Ratio Lower Upper
112 100
77 61.0 52.2 78.4
114 32.5 31.1 38.1

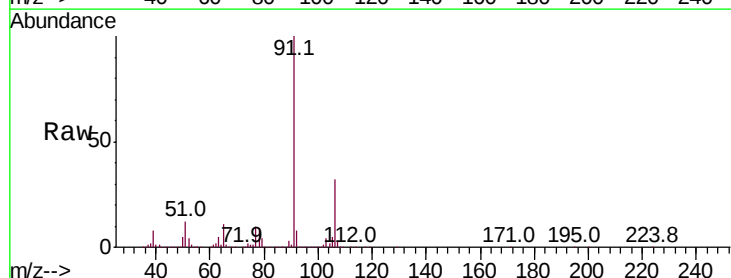


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

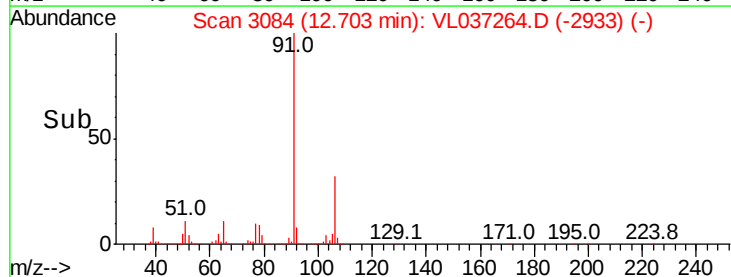
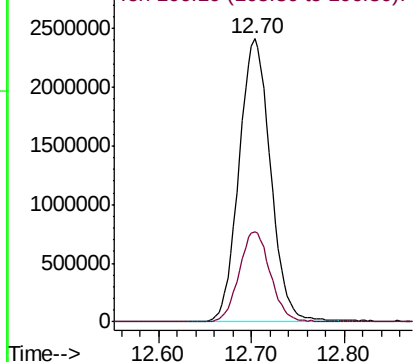


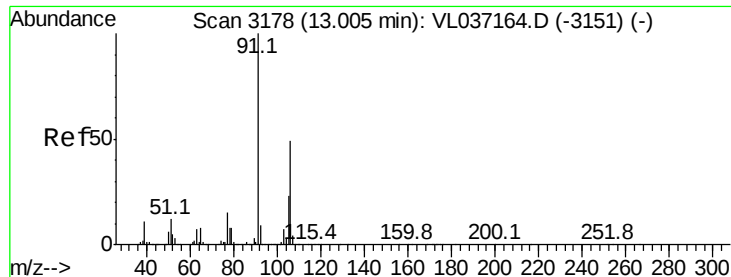
#58
Ethyl Benzene
Concen: 7.530 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.02 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

Tgt Ion: 91 Resp: 5692329
Ion Ratio Lower Upper
91 100
106 32.0 26.3 39.5



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

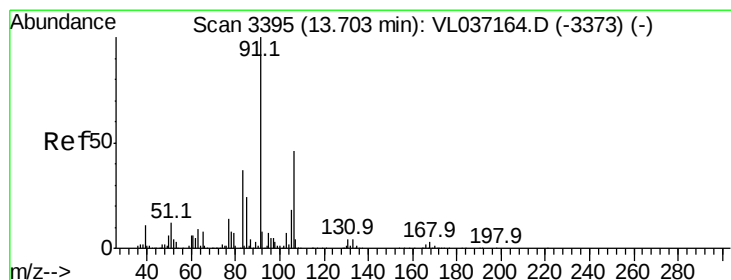
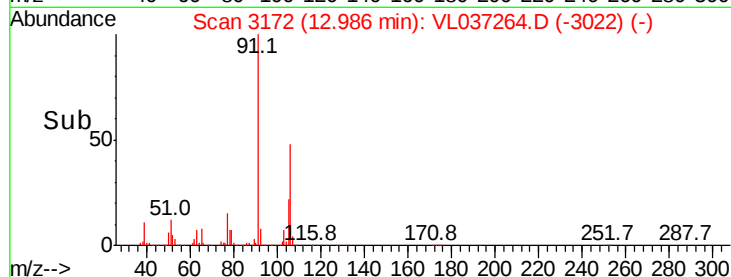
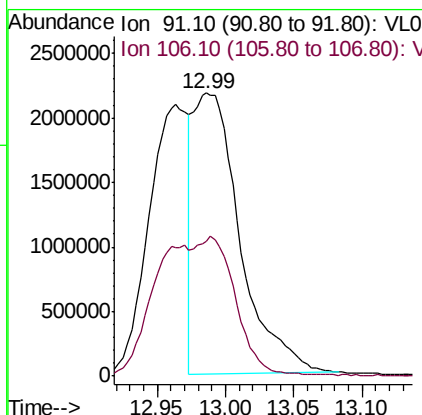
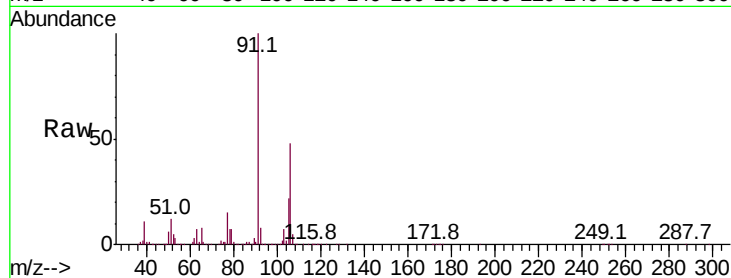




#59
m/p-Xylene
Concen: 8.036 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. -0.02 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

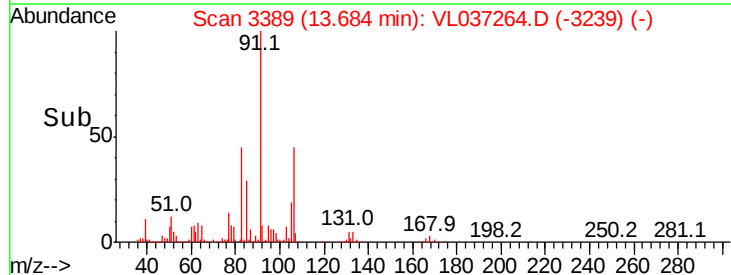
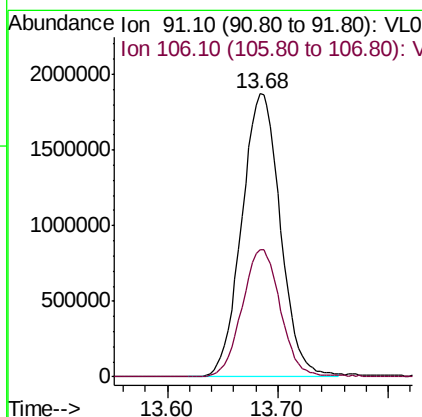
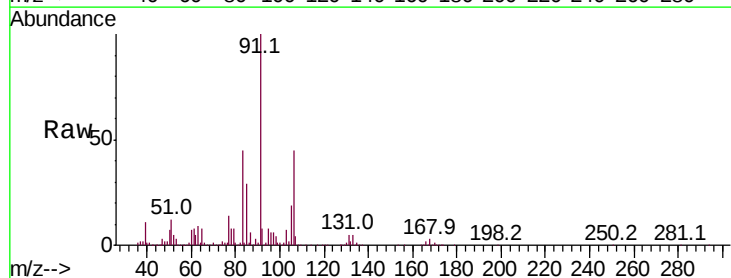
Instrument :
MSVOA_L
ClientSampleId :

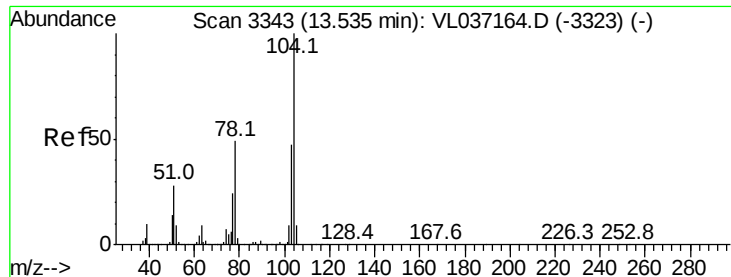
Tot Ion: 91 Resp: 5147661
Ion Ratio Lower Upper
91 100
106 84.3 37.0 55.4#



#60
o-Xylene
Concen: 7.453 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.02 min
Lab File: VL037264.D
Acq: 30 Jun 2021 00:45

Tgt Ion: 91 Resp: 4546104
Ion Ratio Lower Upper
91 100
106 45.2 23.0 69.0





#61

Stvrene

Concen: 8.168 ppbv

RT: 13.52 min Scan# 3338

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

ClientSampleId :

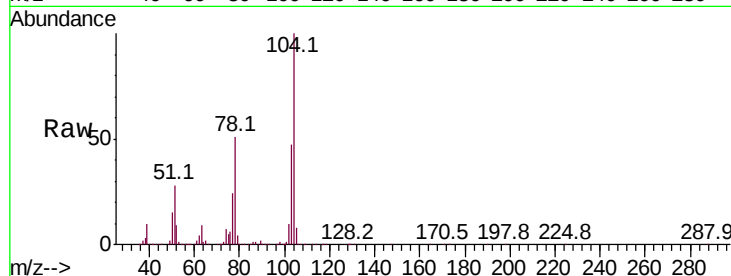
Tot Ion:104 Resp: 2571507

Ion Ratio Lower Upper

104 100

78 51.1 39.7 59.5

103 48.3 37.6 56.4



Abundance Ion 104.10 (103.80 to 104.80): V

1500000 Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V

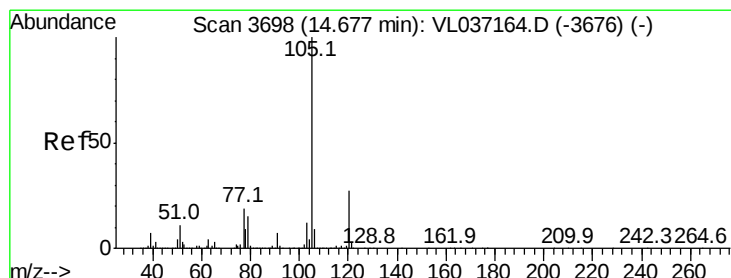
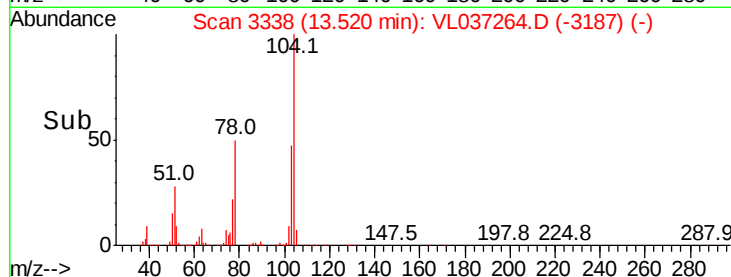
13.52

1000000

500000

0

Time--> 13.40 13.50 13.60



#62

Isopropylbenzene

Concen: 7.344 ppbv

RT: 14.66 min Scan# 3692

Delta R.T. -0.02 min

Lab File: VL037264.D

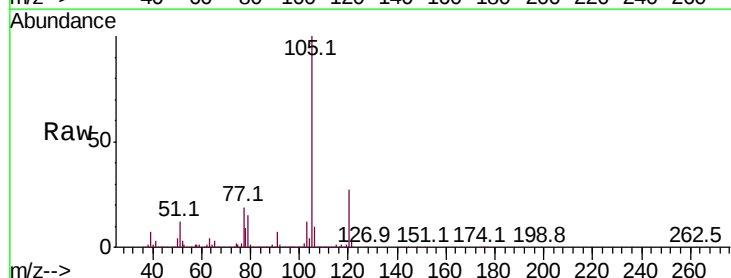
Acq: 30 Jun 2021 00:45

Tgt Ion:105 Resp: 6369932

Ion Ratio Lower Upper

105 100

120 26.5 21.6 32.4



Abundance Ion 105.10 (104.80 to 105.80): V

3000000 Ion 120.20 (119.90 to 120.90): V

2500000

2000000

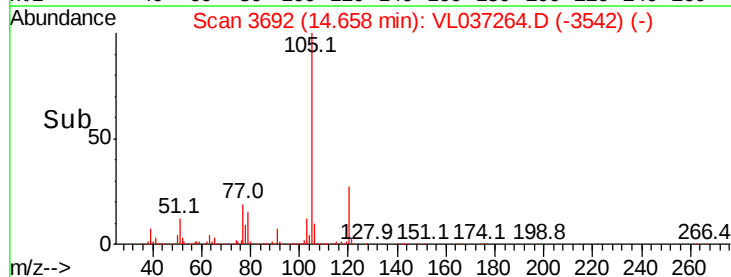
1500000

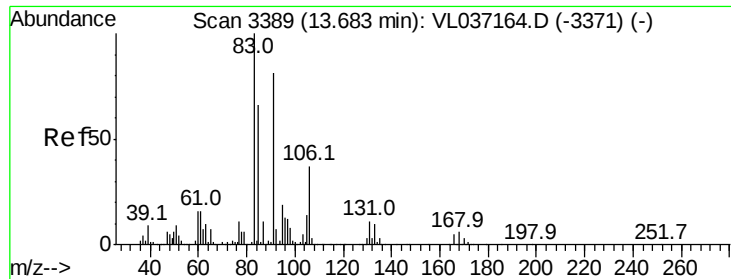
1000000

500000

0

Time--> 14.60 14.70





#63

1,1,2,2-Tetrachloroethane

Concen: 7.513 ppbv

RT: 13.67 min Scan# 3385

Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

ClientSampled :

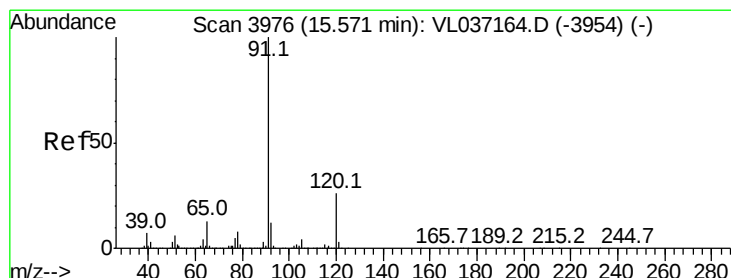
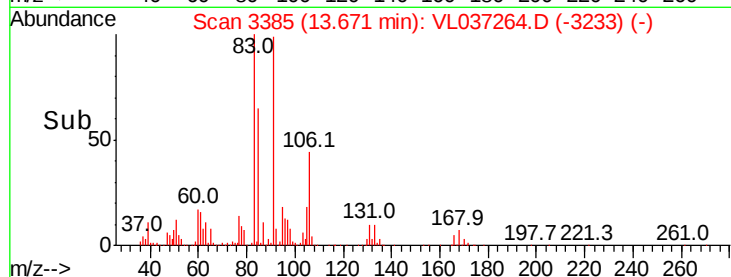
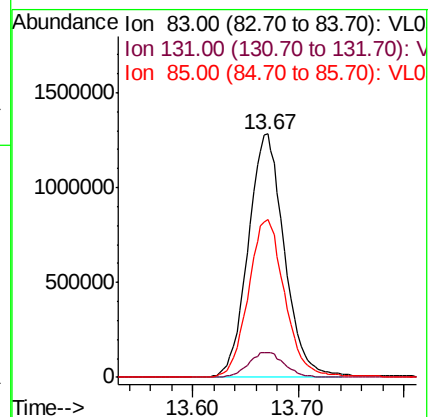
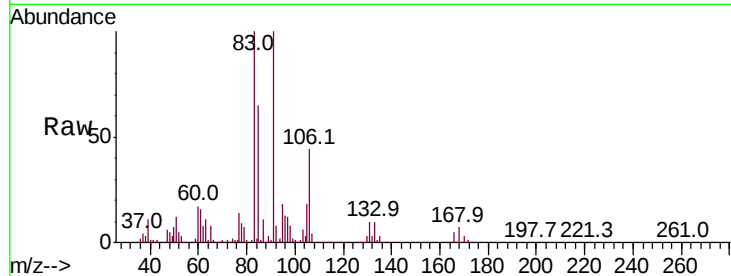
Tot Ion: 83 Resp: 3051490

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.4	16.2
85	66.2	33.1	99.2

83 100

131 10.6 5.4 16.2

85 66.2 33.1 99.2



#64

n-propylbenzene

Concen: 7.779 ppbv

RT: 15.55 min Scan# 3970

Delta R.T. -0.02 min

Lab File: VL037264.D

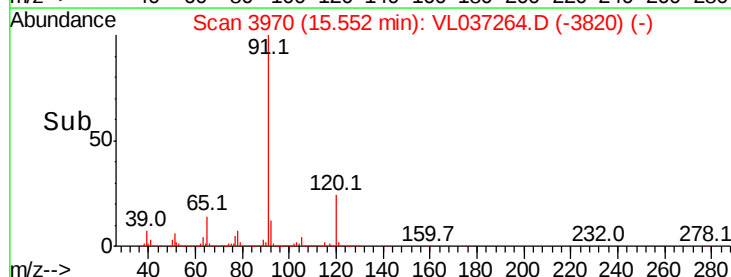
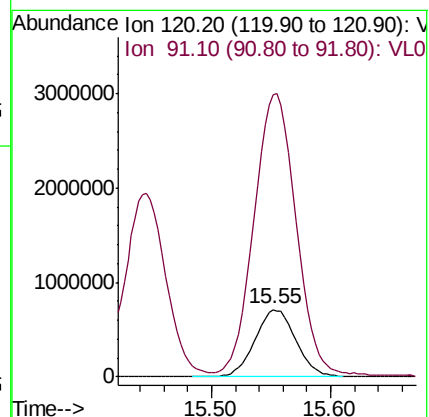
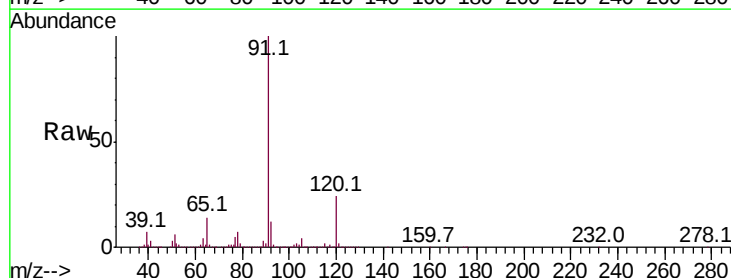
Acq: 30 Jun 2021 00:45

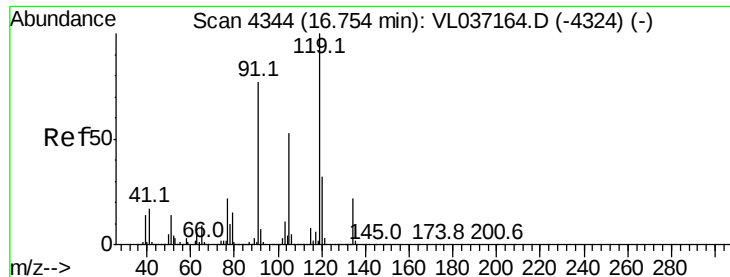
Tgt Ion:120 Resp: 1689666

Ion	Ratio	Lower	Upper
120	100		
91	438.7	343.3	514.9

120 100

91 438.7 343.3 514.9





#65

tert-Butylbenzene

Concen: 7.436 ppbv

RT: 16.74 min Scan# 4339

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

ClientSampleId :

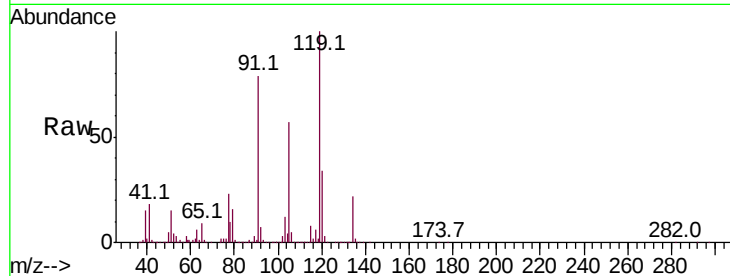
Tot Ion:119 Resp: 5720631

Ion Ratio Lower Upper

119 100

91 79.4 62.6 93.8

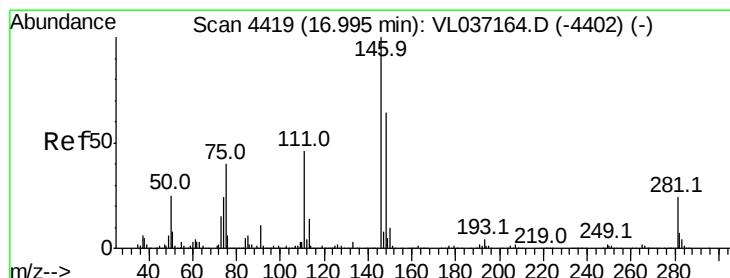
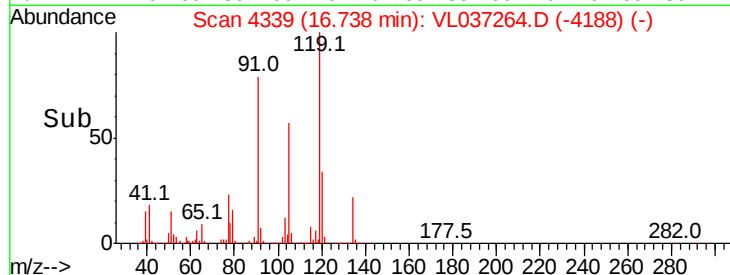
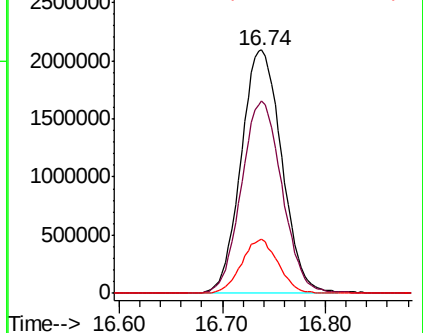
134 20.3 16.2 24.4



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 3.857 ppbv

RT: 16.98 min Scan# 4413

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

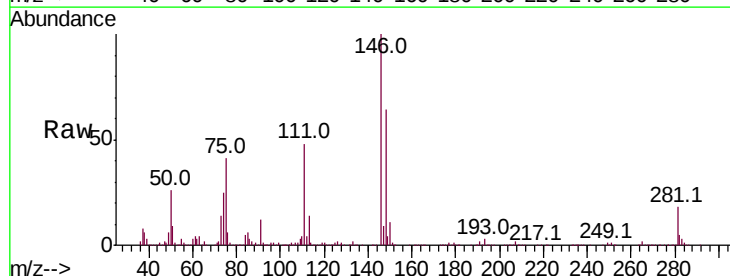
Tgt Ion: 91 Resp: 125729

Ion Ratio Lower Upper

91 100

126 0.0 15.5 23.3#

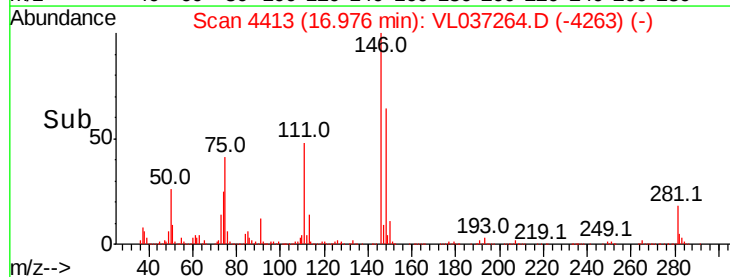
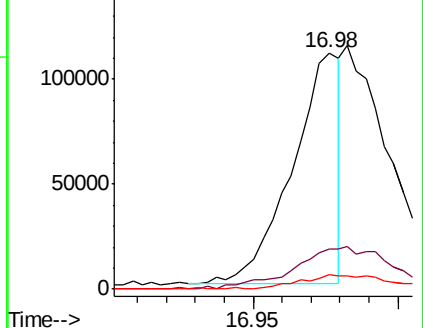
128 13.5 5.7 8.5#

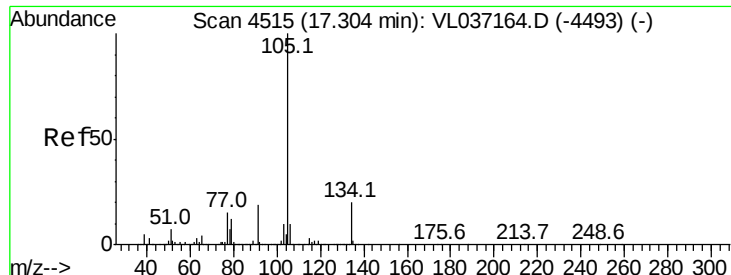


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 7.455 ppbv

RT: 17.28 min Scan# 4509

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

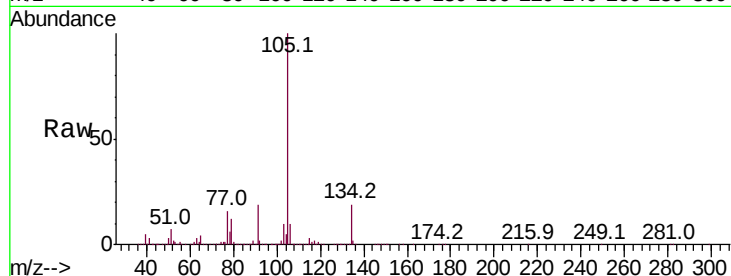
ClientSampleId :

Tot Ion:105 Resp: 7648126

Ion Ratio Lower Upper

105 100

134 19.5 15.8 23.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.28

3000000

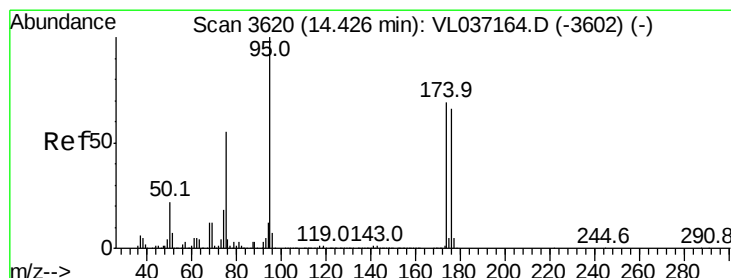
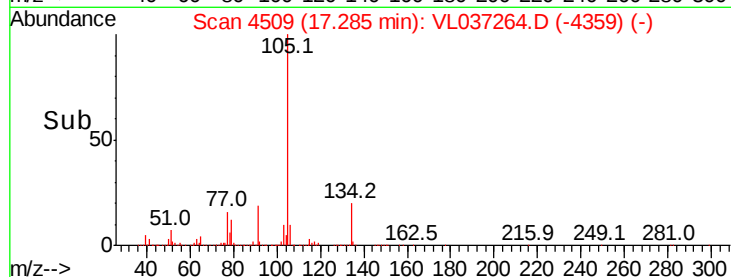
2000000

1000000

0

Time-->

17.20 17.30 17.40



#68

1-Bromo-4-Fluorobenzene

Concen: 8.413 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

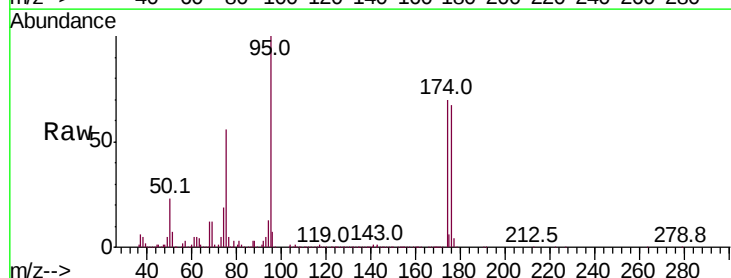
Tgt Ion: 95 Resp: 3500569

Ion Ratio Lower Upper

95 100

174 71.8 57.0 85.4

175 5.5 4.4 6.6



Abundance Ion 95.10 (94.80 to 95.80): V

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

2000000

1500000

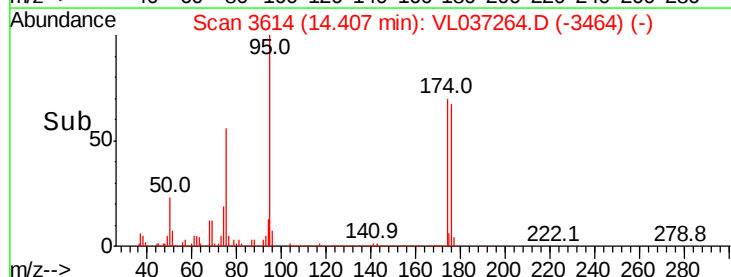
1000000

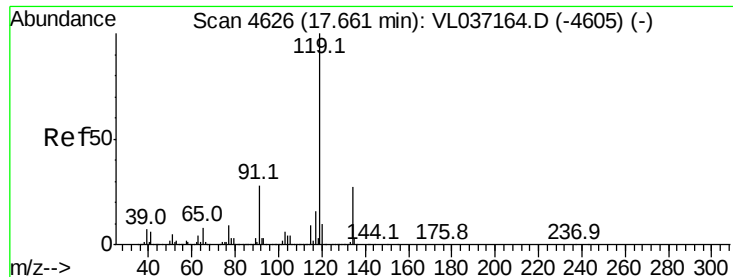
500000

0

Time-->

14.30 14.40 14.50

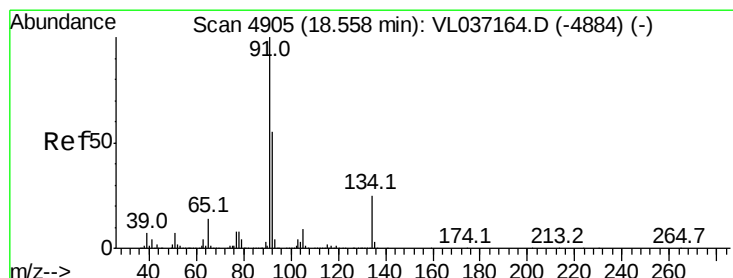
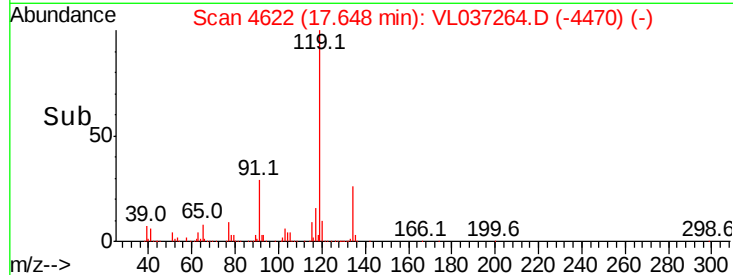
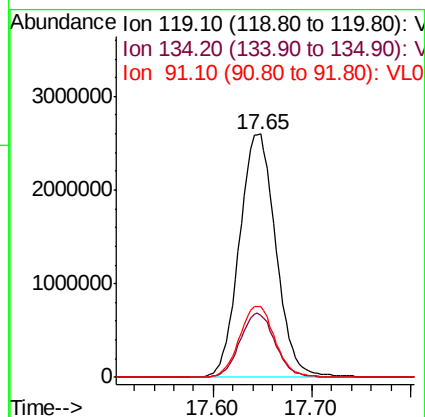
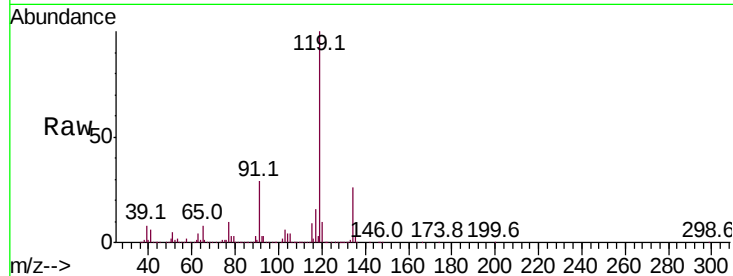




#69
 p-Isopropyltoluene
 Concen: 7.634 ppbv
 RT: 17.65 min Scan# 4622
 Delta R.T. -0.01 min
 Lab File: VL037264.D
 Acq: 30 Jun 2021 00:45

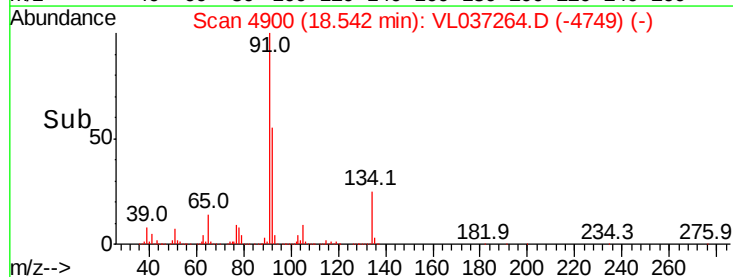
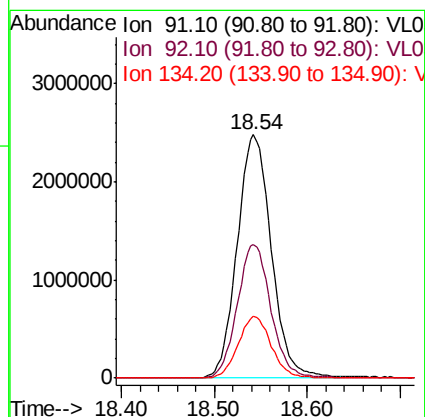
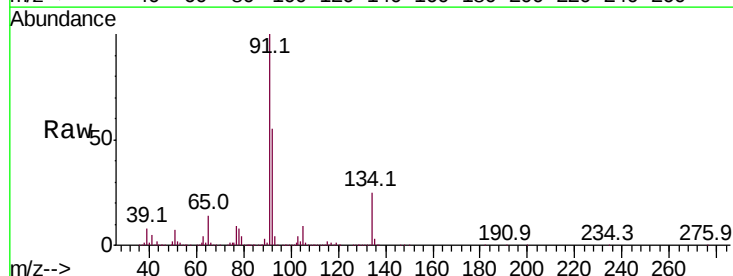
Instrument :
 MSVOA_L
 ClientSampleId :

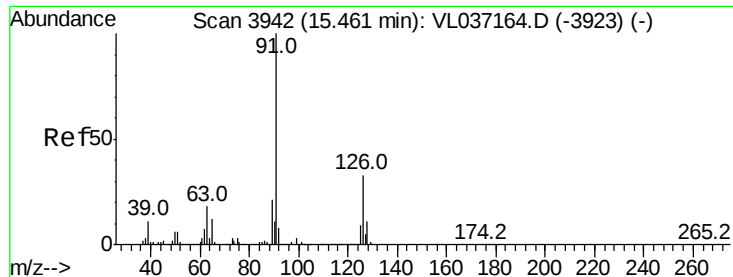
Tot Ion:119 Resp: 6614833
 Ion Ratio Lower Upper
 119 100
 134 25.9 20.9 31.3
 91 28.7 22.6 34.0



#70
 n-Butylbenzene
 Concen: 7.892 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. -0.02 min
 Lab File: VL037264.D
 Acq: 30 Jun 2021 00:45

Tgt Ion: 91 Resp: 6328781
 Ion Ratio Lower Upper
 91 100
 92 54.3 44.0 66.0
 134 24.9 20.2 30.4

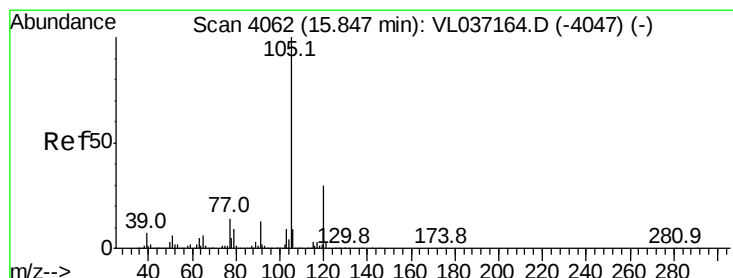
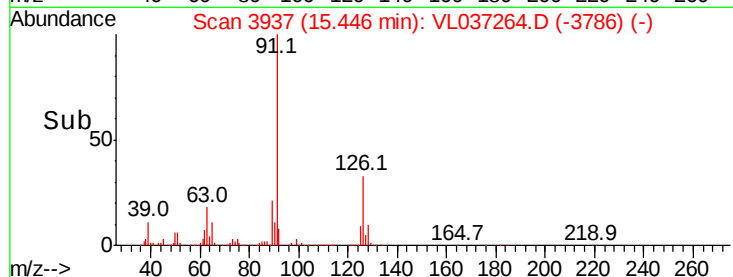
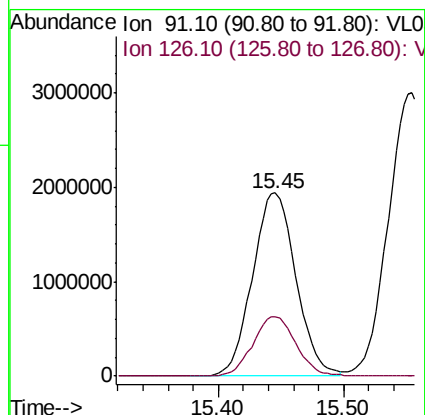
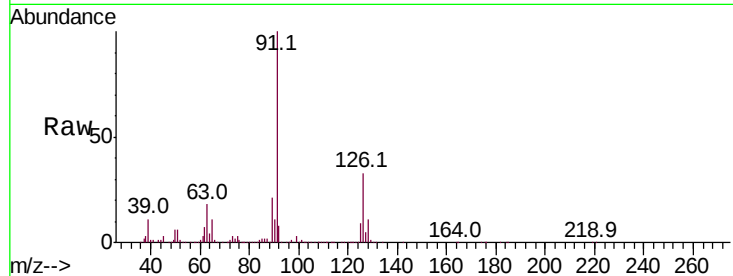




#71
 2-Chlorotoluene
 Concen: 7.697 ppbv
 RT: 15.45 min Scan# 3937
 Delta R.T. -0.02 min
 Lab File: VL037264.D
 Acq: 30 Jun 2021 00:45

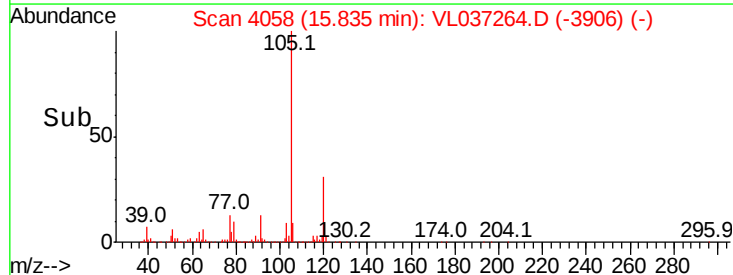
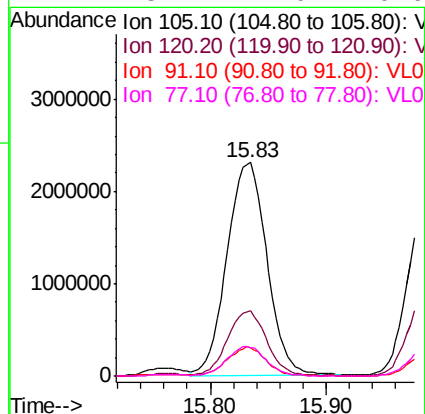
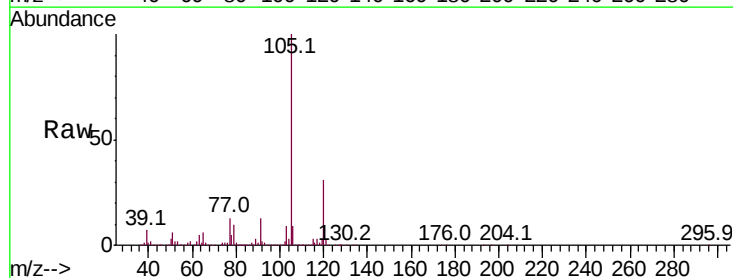
Instrument :
 MSVOA_L
 ClientSampled :

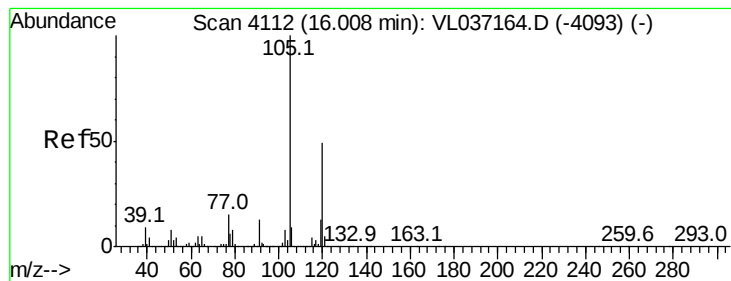
Tot Ion: 91 Resp: 4667562
 Ion Ratio Lower Upper
 91 100
 126 32.9 13.5 54.1



#72
 4-Ethyltoluene
 Concen: 7.924 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. -0.01 min
 Lab File: VL037264.D
 Acq: 30 Jun 2021 00:45

Tgt Ion: 105 Resp: 5491392
 Ion Ratio Lower Upper
 105 100
 120 30.5 24.7 37.1
 91 13.0 10.2 15.4
 77 13.4 11.0 16.6





#73

1,3,5-Trimethylbenzene

Concen: 7.452 ppbv

RT: 15.99 min Scan# 4106

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

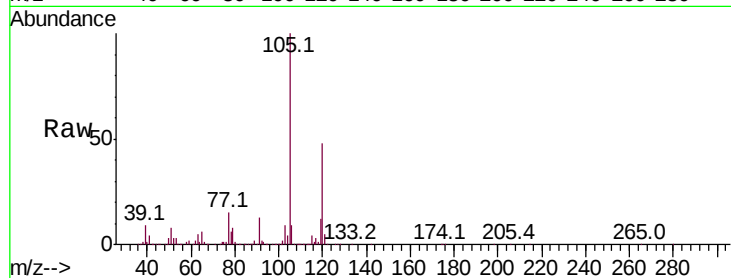
ClientSampleId :

Tot Ion:105 Resp: 4991937

Ion Ratio Lower Upper

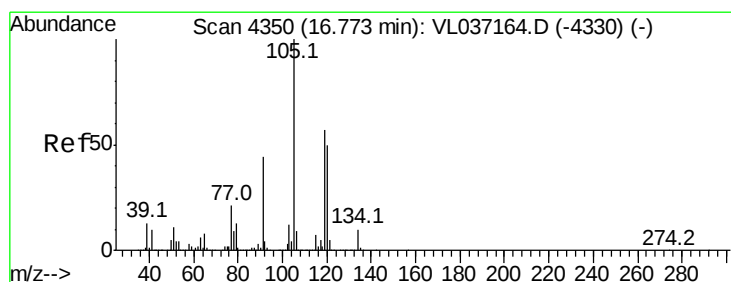
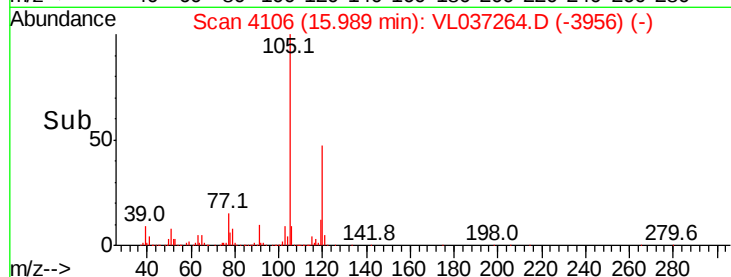
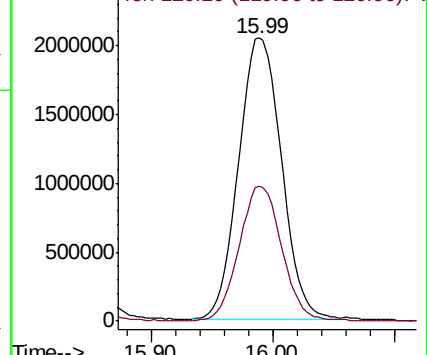
105 100

120 47.8 39.4 59.2



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: 7.451 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Tgt Ion:105 Resp: 5142760

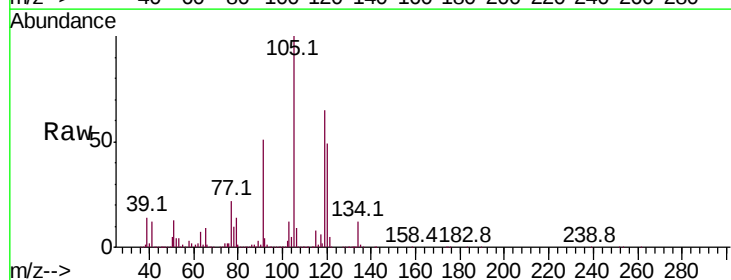
Ion Ratio Lower Upper

105 100

120 48.7 39.8 59.8

91 50.7 37.0 55.4

77 21.7 17.0 25.4

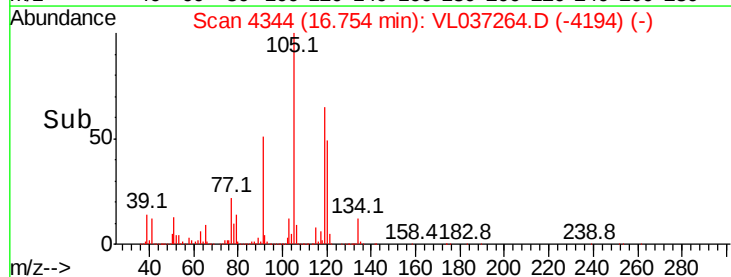
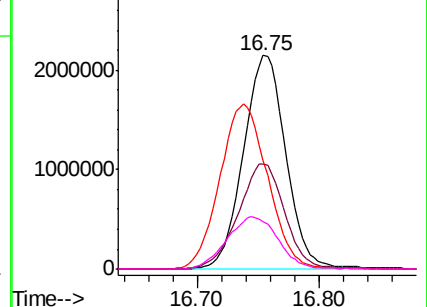


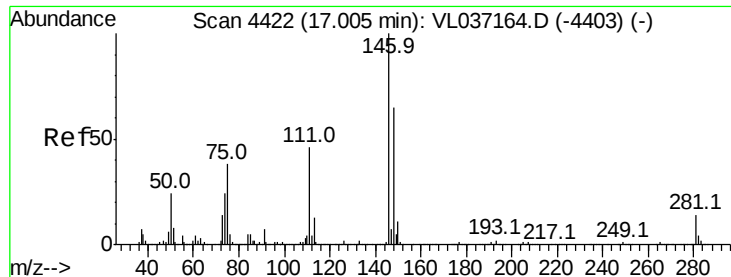
Abundance Ion 105.10 (104.80 to 105.80): V

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





#75

1,3-Dichlorobenzene

Concen: 7.480 ppbv

RT: 16.99 min Scan# 4417

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

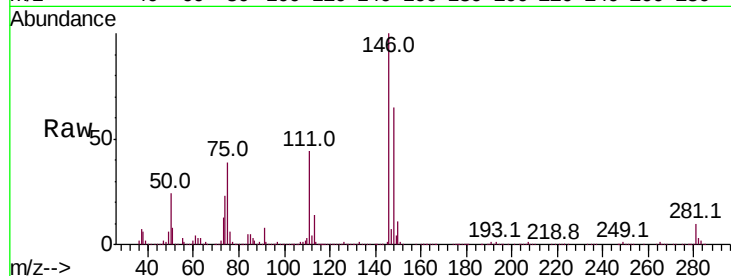
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:146 Resp: 3138886

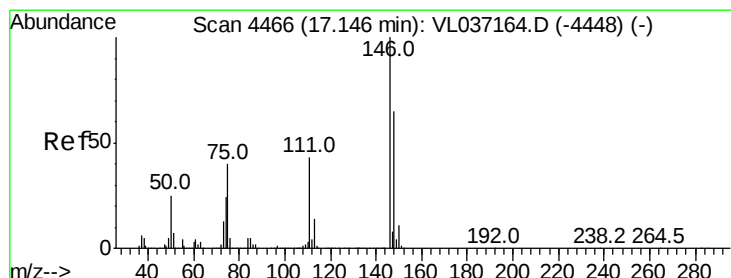
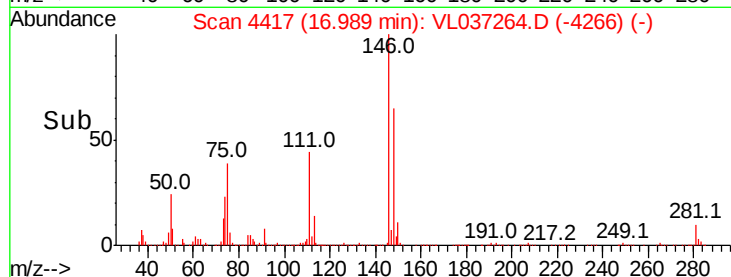
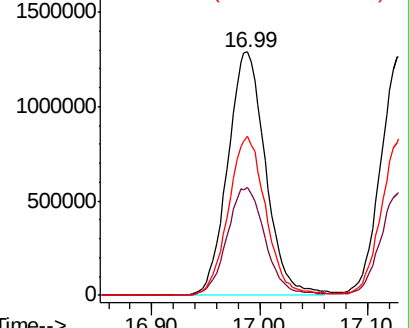
Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.2	66.6
148	64.8	32.4	97.2



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



#76

1,4-Dichlorobenzene

Concen: 7.412 ppbv

RT: 17.13 min Scan# 4462

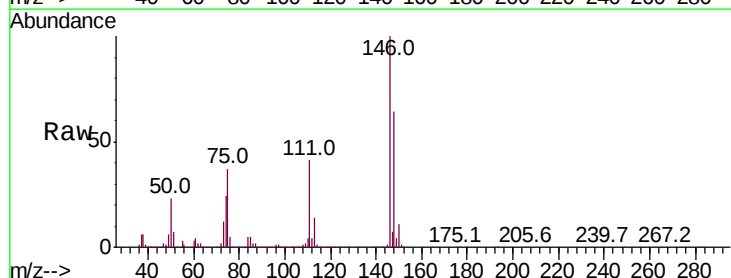
Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Tgt Ion:146 Resp: 3106548

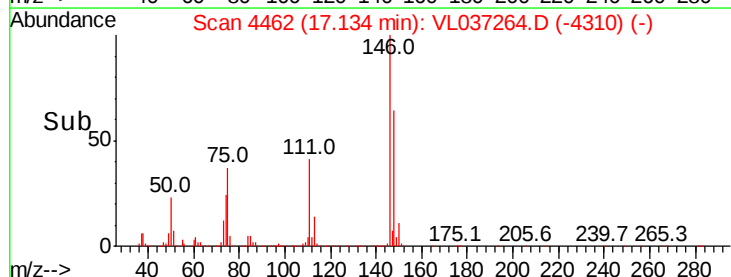
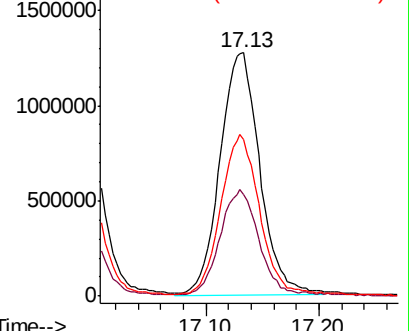
Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.7	68.0
148	66.3	33.7	101.1

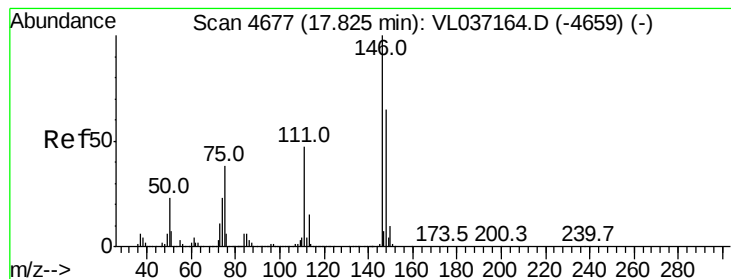


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 7.427 ppbv

RT: 17.81 min Scan# 4672

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

ClientSampleId :

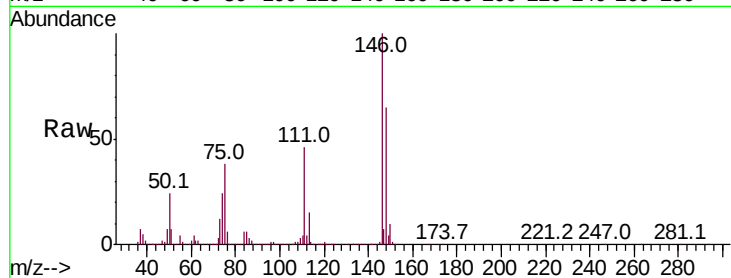
Tot Ion:146 Resp: 3014955

Ion Ratio Lower Upper

146 100

111 46.4 23.3 69.8

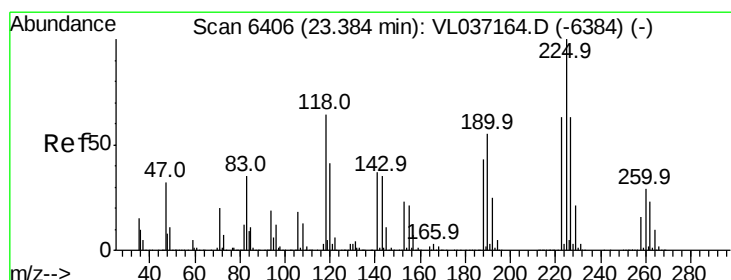
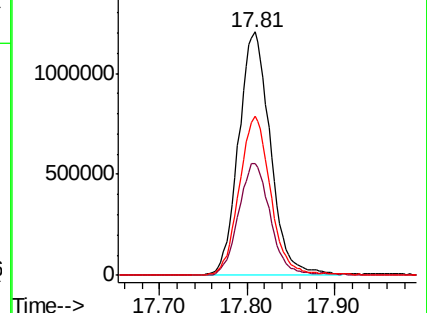
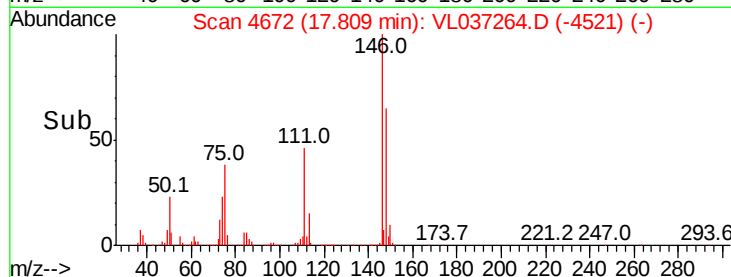
148 64.7 32.4 97.0



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: 5.552 ppbv

RT: 23.37 min Scan# 6401

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

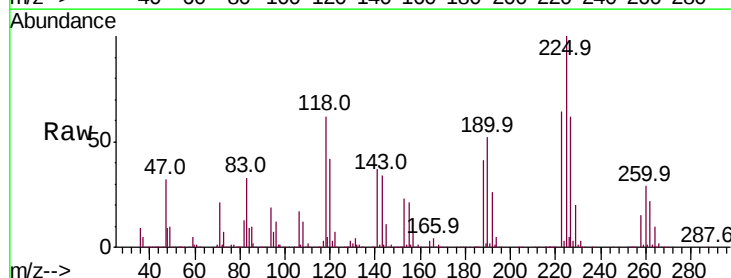
Tgt Ion:225 Resp: 1937751

Ion Ratio Lower Upper

225 100

223 65.3 51.8 77.8

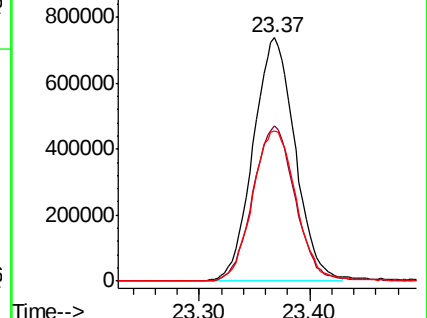
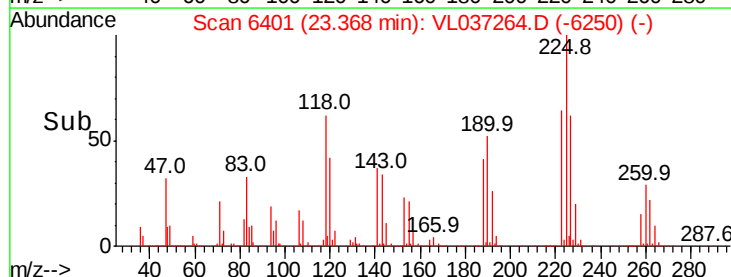
227 65.0 51.4 77.0

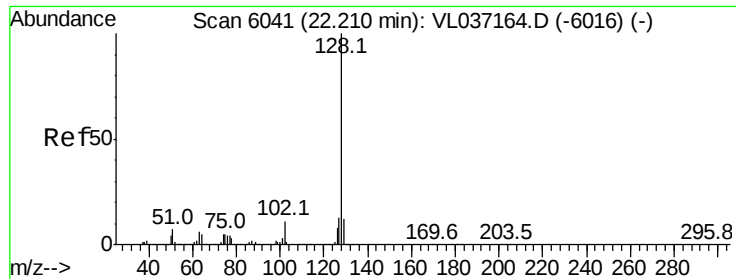


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 6.600 ppbv

RT: 22.19 min Scan# 6034

Delta R.T. -0.02 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

Instrument :

MSVOA_L

ClientSampleId :

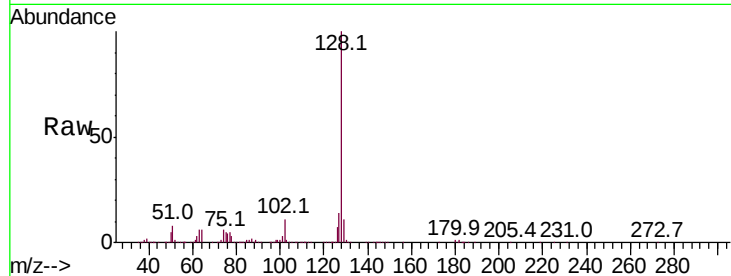
Tot Ion:128 Resp: 3797713

Ion Ratio Lower Upper

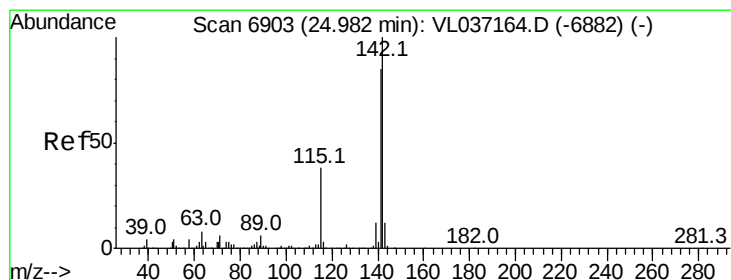
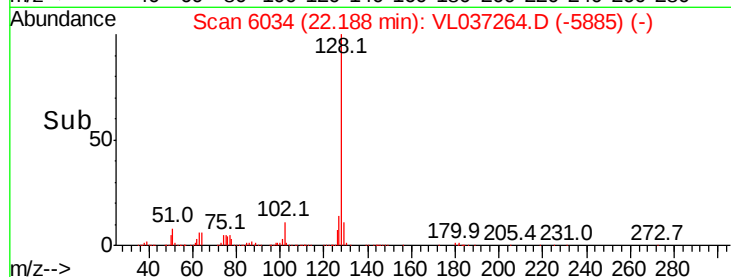
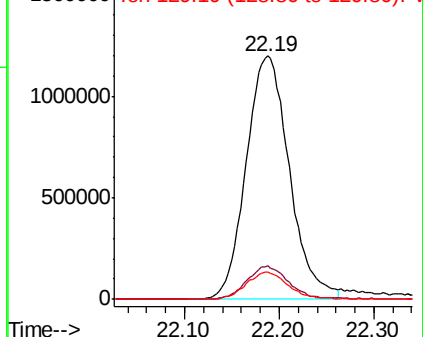
128 100

127 13.9 10.7 16.1

129 11.4 9.3 13.9



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: 3.896 ppbv

RT: 24.97 min Scan# 6899

Delta R.T. -0.01 min

Lab File: VL037264.D

Acq: 30 Jun 2021 00:45

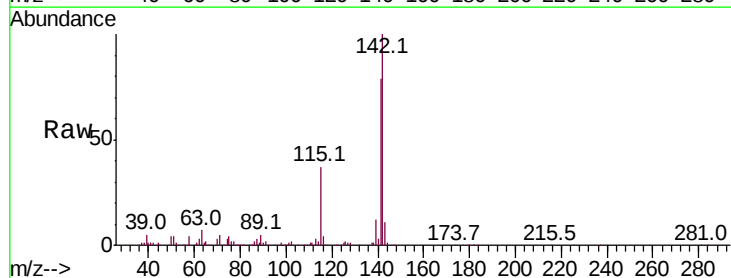
Tgt Ion:142 Resp: 588037

Ion Ratio Lower Upper

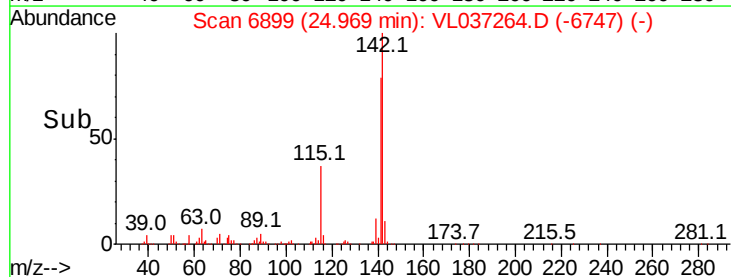
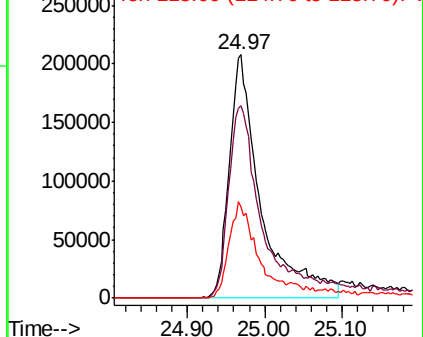
142 100

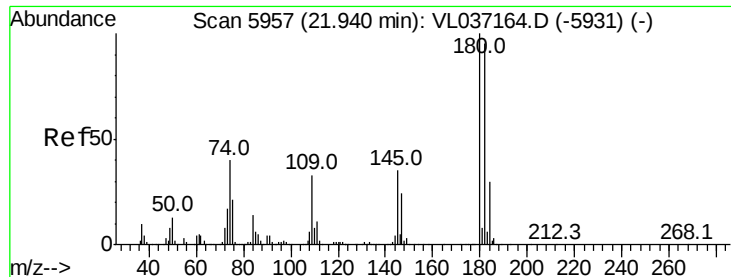
141 86.7 63.7 95.5

115 38.6 30.6 45.8



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

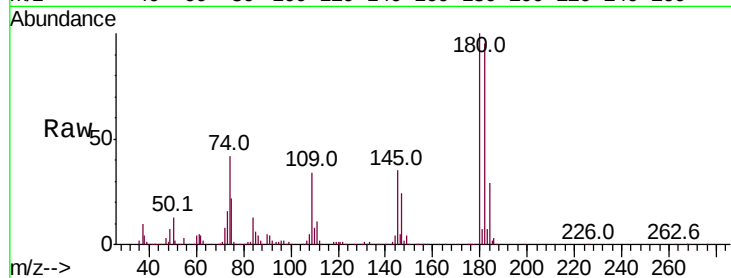




#81
 1,2,4-Trichlorobenzene
 Concen: 6.769 ppbv
 RT: 21.92 min Scan# 5950
 Delta R.T. -0.02 min
 Lab File: VL037264.D
 Acq: 30 Jun 2021 00:45

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 2247674
 Ion Ratio Lower Upper
 180 100
 182 97.9 79.3 118.9
 184 31.5 24.7 37.1



Abundance Ion 180.00 (179.70 to 180.70): V
 1000000 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

