

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081921\
 Data File : VL037509.D
 Acq On : 19 Aug 2021 21:52
 Operator : SY/AP
 Sample : M3480-06
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 20 00:23:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1391163	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4216922	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	3621744	10.00	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2578905	10.02	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	48302	0.216	ppbv 90
3) Chlorodifluoromethane	2.99	51	2007585	7.536	ppbv # 71
4) Chloromethane	3.14	50	34193	0.359	ppbv 93
5) Vinyl Chloride	3.13	62	3203	0.033	ppbv # 1
7) Chloroethane	3.56	64	1483	0.045	ppbv # 54
9) Propene	3.01	41	33926	0.356	ppbv # 16
11) Trichlorofluoromethane	3.95	101	23779	0.113	ppbv # 81
13) Ethanol	3.61	45	3402572	366.860	ppbv 98
15) Acetone	3.85	43	6590401	46.549	ppbv 99
16) 1,3-Butadiene	3.31	39	173441	1.910	ppbv # 18
17) tert-Butyl alcohol	4.30	59	697523	5.393	ppbv 99
19) Isopropyl Alcohol	3.97	45	838113	10.333	ppbv # 1
20) Methylene Chloride	4.35	84	3043670	42.937	ppbv 99
21) Allyl Chloride	4.67	41	7314	0.064	ppbv 92
23) Vinyl Acetate	5.07	43	39255	0.188	ppbv # 88
25) Ethyl Acetate	5.69	43	1774796	4.938	ppbv # 79
26) Hexane	5.69	57	2349179	13.368	ppbv # 48
27) Carbon Disulfide	4.56	76	17474	0.112	ppbv # 73
29) Chloroform	5.75	83	110186	0.442	ppbv 89
31) cis-1,2-Dichloroethene	5.56	61	6563	0.041	ppbv # 45
34) 2-Butanone	5.25	43	431627	2.507	ppbv # 72
36) Benzene	6.89	78	549592	1.550	ppbv # 92
38) Trichloroethene	7.85	130	44805	0.308	ppbv 84
39) 1,2-Dichloropropane	7.24	63	10494	0.077	ppbv # 42
40) 1,4-Dioxane	7.85	88	4902	0.147	ppbv # 100
41) Tetrahydrofuran	6.06	42	21339	0.257	ppbv # 82
50) 4-Methyl-2-Pentanone	8.76	43	10466	0.047	ppbv # 1
51) 2-Hexanone	10.15	43	23273	0.225	ppbv # 27
52) Tetrachloroethene	11.23	164	22796	0.157	ppbv 94
53) Toluene	9.81	91	125927	0.311	ppbv # 35
59) m/p-Xylene	13.00	91	33016	0.076	ppbv # 30
60) o-Xylene	13.69	91	146296	0.360	ppbv 98
61) Styrene	13.53	104	21847	0.103	ppbv # 1
62) Isopropylbenzene	14.67	105	670661	1.169	ppbv 98
66) Benzyl Chloride	17.01	91	1216	0.051	ppbv # 63
72) 4-Ethyltoluene	15.84	105	25629	0.053	ppbv # 54
74) 1,2,4-Trimethylbenzene	16.76	105	165858	0.347	ppbv # 62
79) Naphthalene	22.19	128	201648	0.630	ppbv # 96
80) Naphthalene,2-methyl-	24.97	142	5477	0.061	ppbv 95

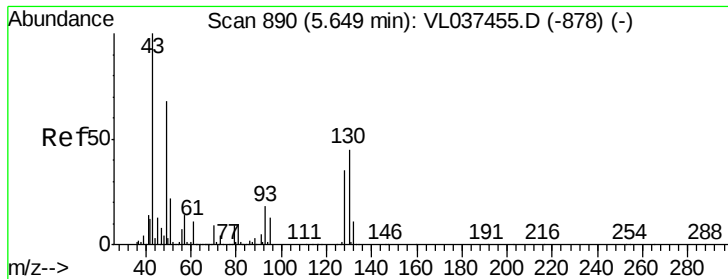
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081921\
Data File : VL037509.D
Acq On : 19 Aug 2021 21:52
Operator : SY/AP
Sample : M3480-06
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Aug 20 00:23:38 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 17 02:13:47 2021
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.02 min

Lab File: VL037509.D

Acq: 19 Aug 2021 21:52

Instrument :

MSVOA_L

ClientSampled :

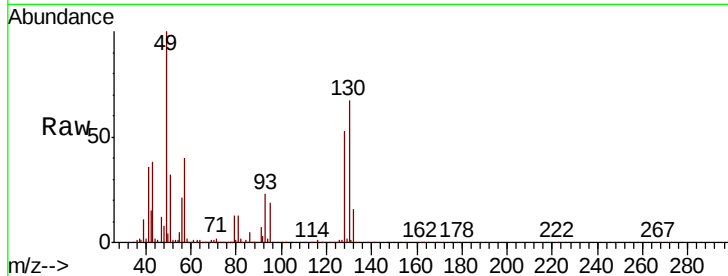
Tot Ion: 49 Resp: 1391163

Ion Ratio Lower Upper

49 100

128 54.6 27.5 82.4

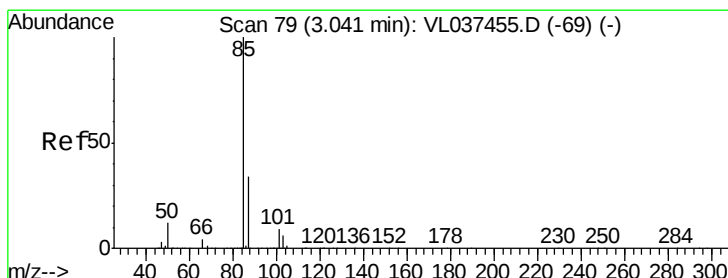
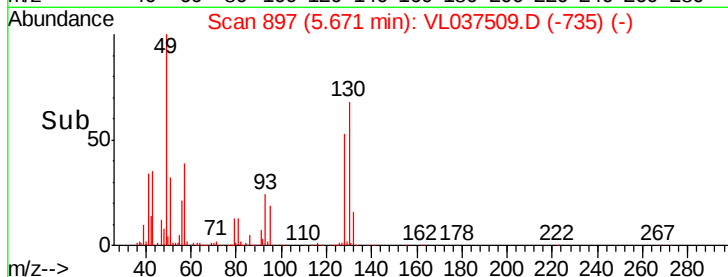
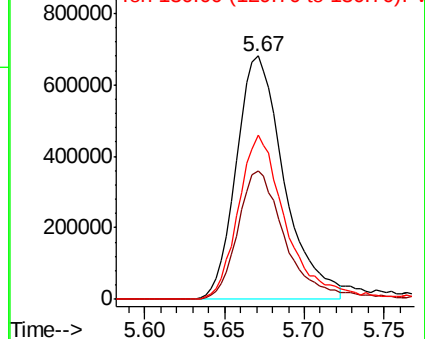
130 69.5 34.0 101.8



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



#2

Dichlorodifluoromethane

Concen: 0.216 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.01 min

Lab File: VL037509.D

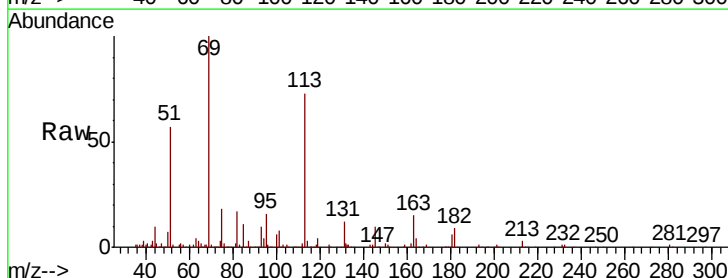
Acq: 19 Aug 2021 21:52

Tgt Ion: 85 Resp: 48302

Ion Ratio Lower Upper

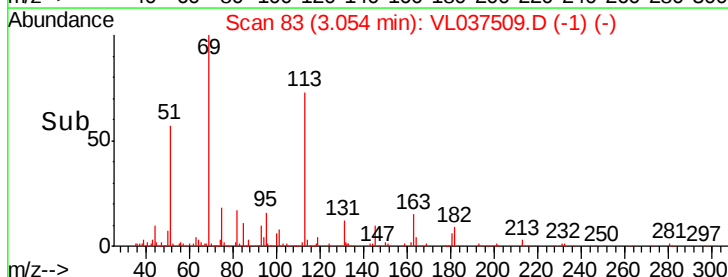
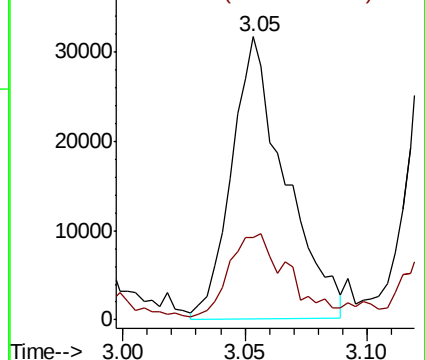
85 100

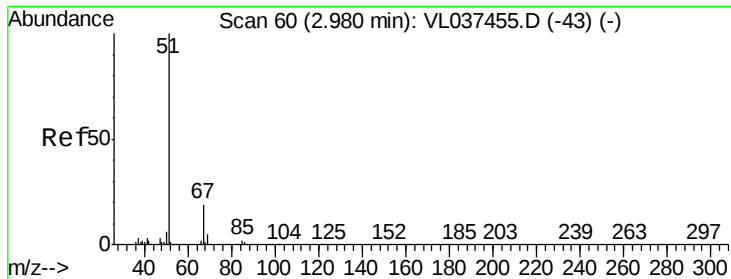
87 28.5 27.6 41.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 7.536 ppbv

RT: 2.99 min Scan# 64

Delta R.T. 0.01 min

Lab File: VL037509.D

Acq: 19 Aug 2021 21:52

Instrument :

MSVOA_L

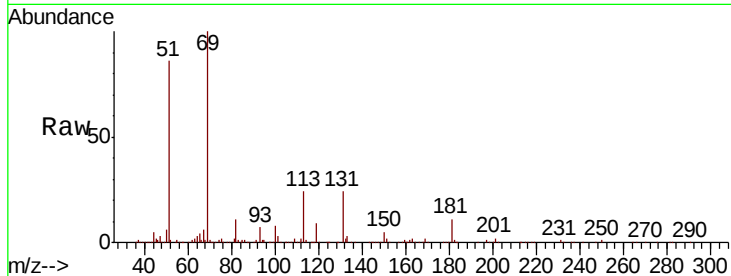
ClientSampleId :

Tot Ion: 51 Resp: 2007585

Ion Ratio Lower Upper

51 100

67 4.8 14.2 21.2#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

800000

600000

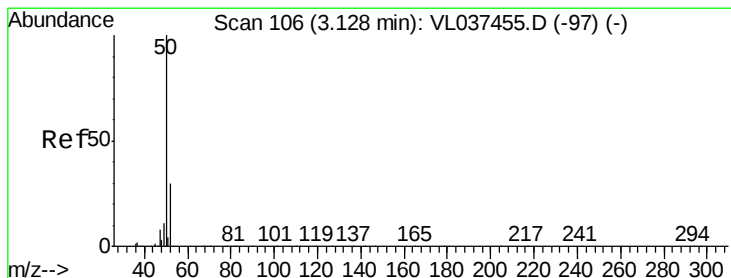
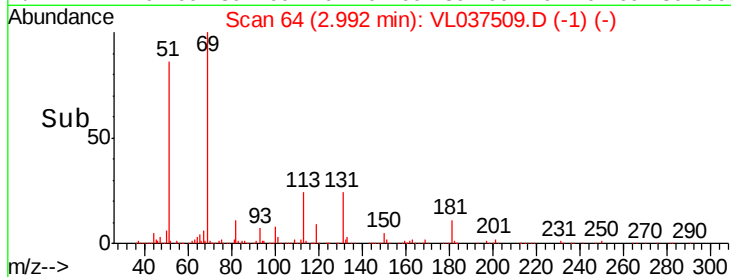
400000

200000

0

2.90 3.00

Time-->



#4

Chloromethane

Concen: 0.359 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.01 min

Lab File: VL037509.D

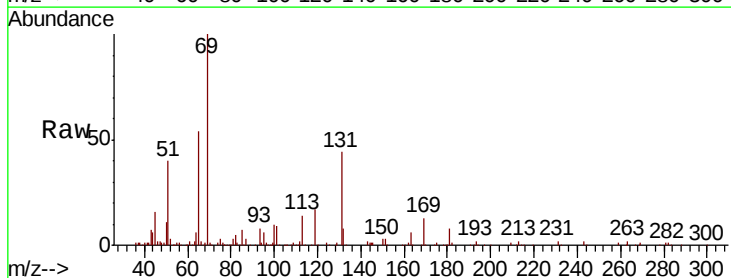
Acq: 19 Aug 2021 21:52

Tgt Ion: 50 Resp: 34193

Ion Ratio Lower Upper

50 100

52 33.8 24.0 36.0



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

30000

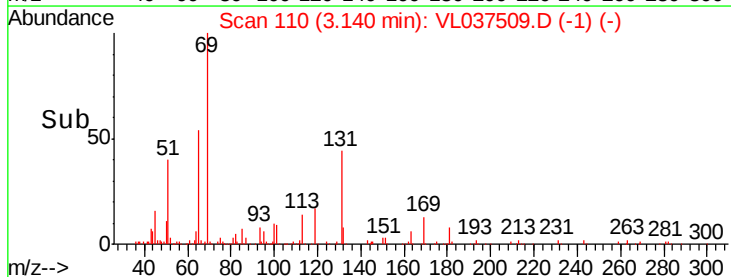
20000

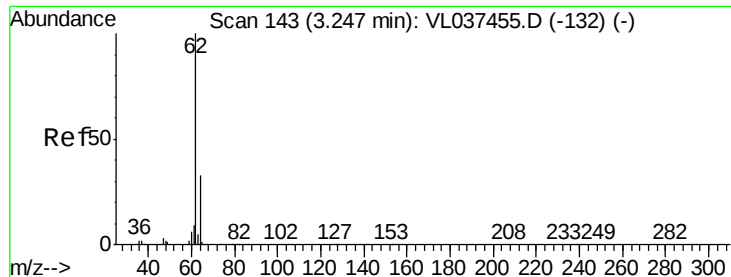
10000

0

3.10 3.12 3.14

Time-->





#5

Vinyl Chloride

Concen: 0.033 ppbv

RT: 3.13 min Scan# 107

Delta R.T. -0.12 min

Lab File: VL037509.D

Acq: 19 Aug 2021 21:52

Instrument :

MSVOA_L

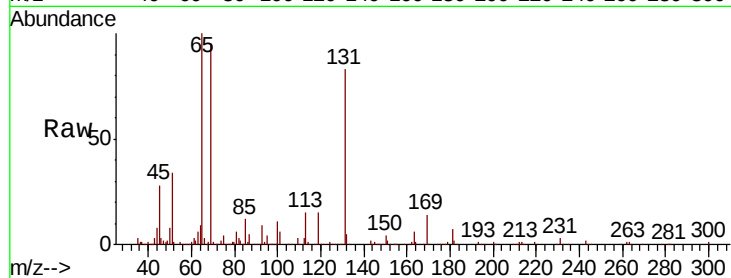
ClientSampleId :

Tot Ion: 62 Resp: 3203

Ion Ratio Lower Upper

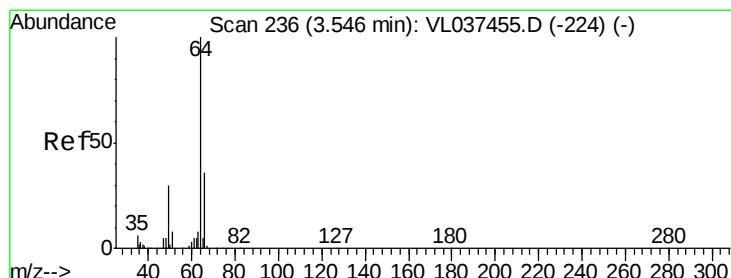
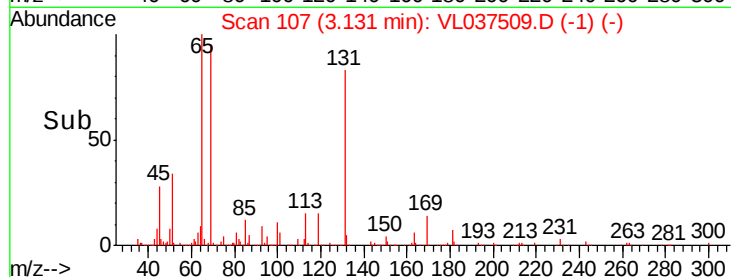
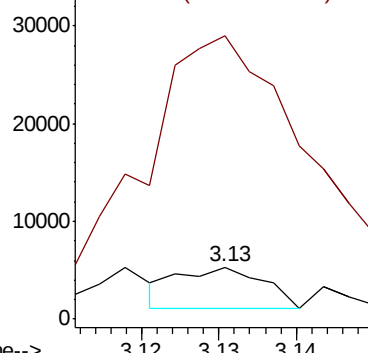
62 100

64 364.5 26.5 39.7#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#7

Chloroethane

Concen: 0.045 ppbv

RT: 3.56 min Scan# 242

Delta R.T. 0.02 min

Lab File: VL037509.D

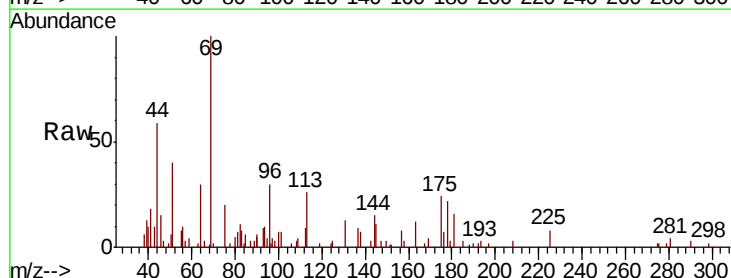
Acq: 19 Aug 2021 21:52

Tgt Ion: 64 Resp: 1483

Ion Ratio Lower Upper

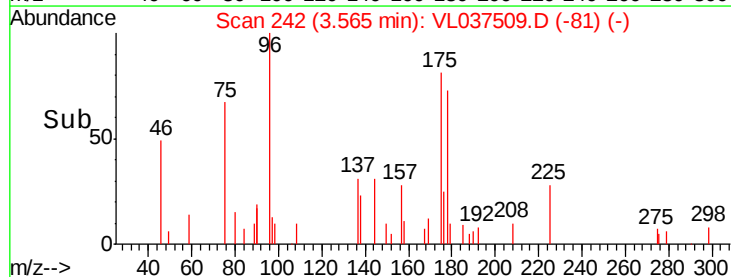
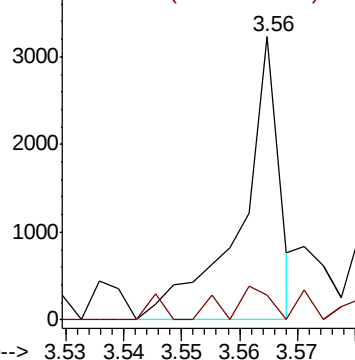
64 100

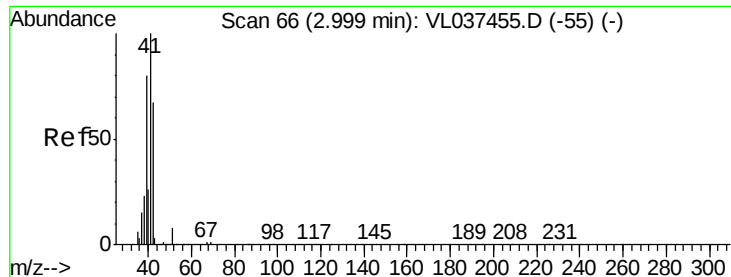
66 8.9 28.6 43.0#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0





#9

Propene

Concen: 0.356 ppbv

RT: 3.01 min Scan# 71

Delta R.T. 0.02 min

Lab File: VL037509.D

Acq: 19 Aug 2021 21:52

Instrument :

MSVOA_L

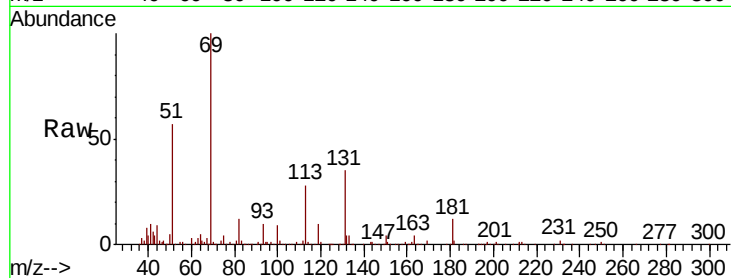
ClientSampled :

Tot Ion: 41 Resp: 33926

Ion Ratio Lower Upper

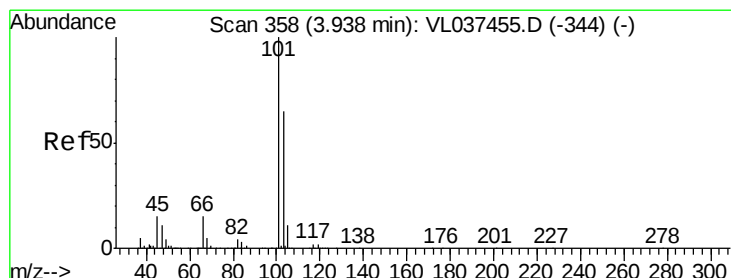
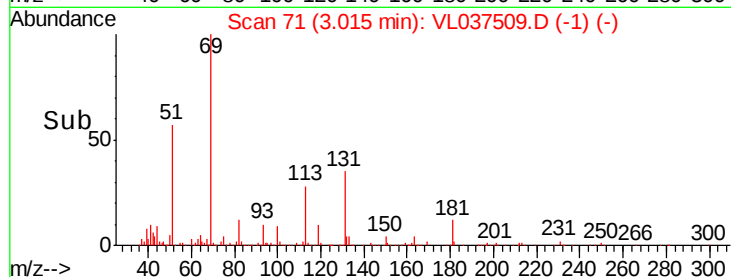
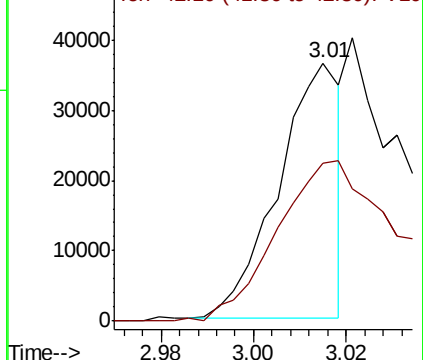
41 100

42 0.0 53.7 80.5#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#11

Trichlorofluoromethane

Concen: 0.113 ppbv

RT: 3.95 min Scan# 362

Delta R.T. 0.01 min

Lab File: VL037509.D

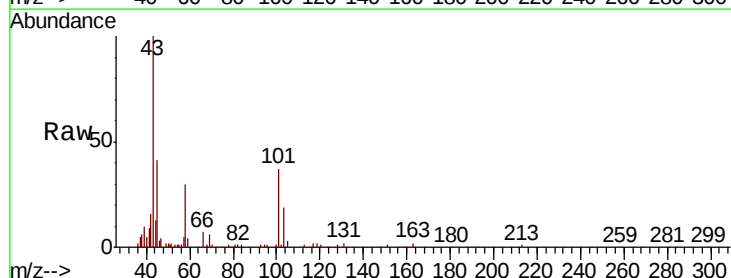
Acq: 19 Aug 2021 21:52

Tgt Ion: 101 Resp: 23779

Ion Ratio Lower Upper

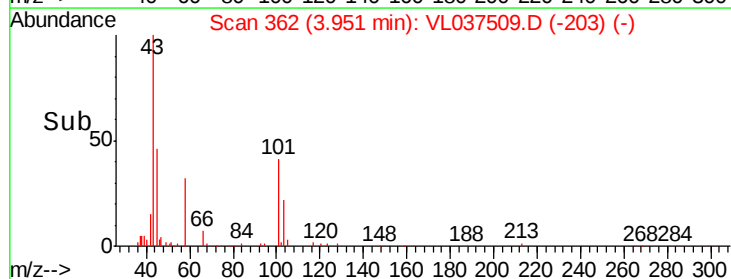
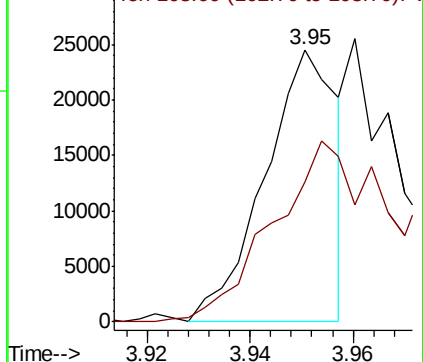
101 100

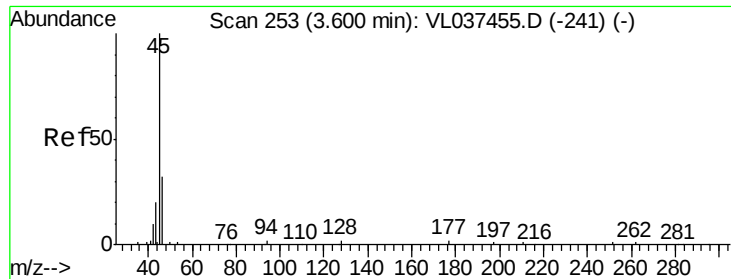
103 49.8 51.8 77.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

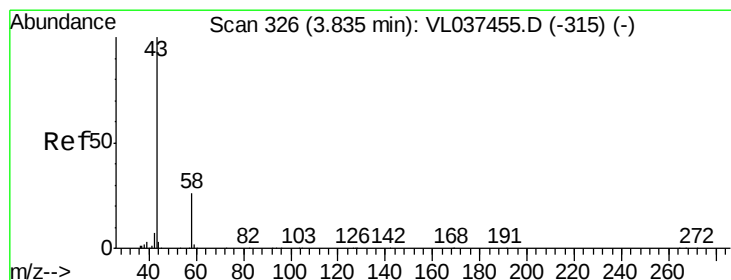
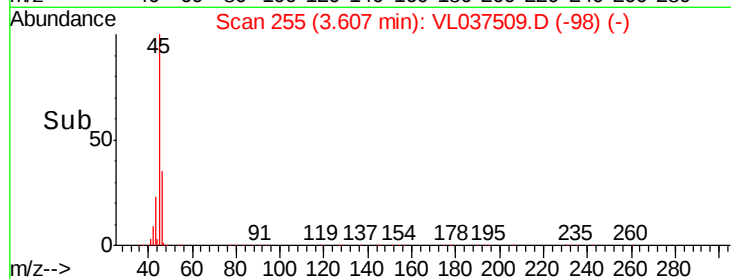
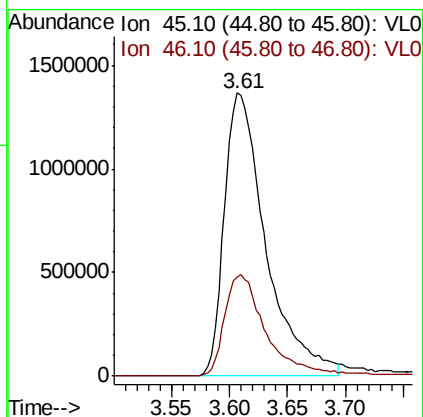
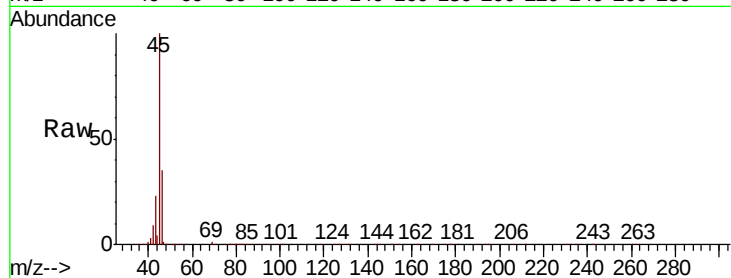




#13
 Ethanol
 Concen: 366.860 ppbv
 RT: 3.61 min Scan# 255
 Delta R.T. 0.01 min
 Lab File: VL037509.D
 Acq: 19 Aug 2021 21:52

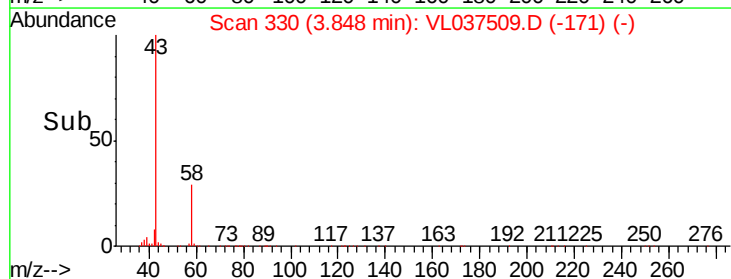
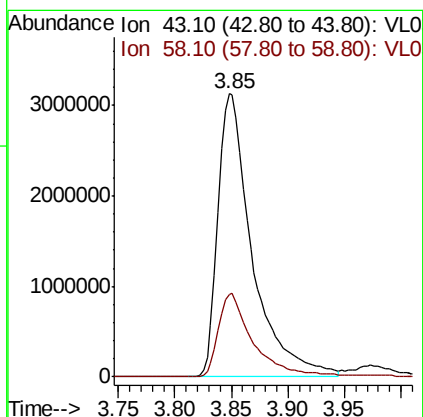
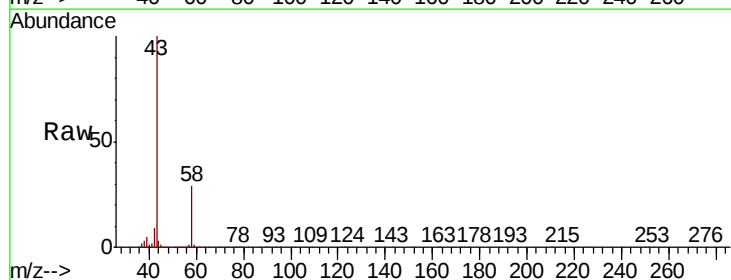
Instrument :
 MSVOA_L
 ClientSampleId :

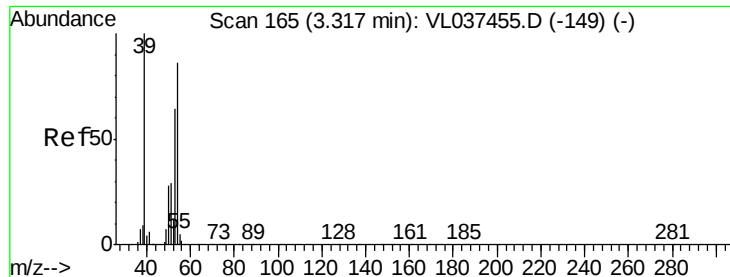
Tot Ion: 45 Resp: 3402572
 Ion Ratio Lower Upper
 45 100
 46 36.4 14.1 56.5



#15
 Acetone
 Concen: 46.549 ppbv
 RT: 3.85 min Scan# 330
 Delta R.T. 0.01 min
 Lab File: VL037509.D
 Acq: 19 Aug 2021 21:52

Tgt Ion: 43 Resp: 6590401
 Ion Ratio Lower Upper
 43 100
 58 30.5 24.8 37.2

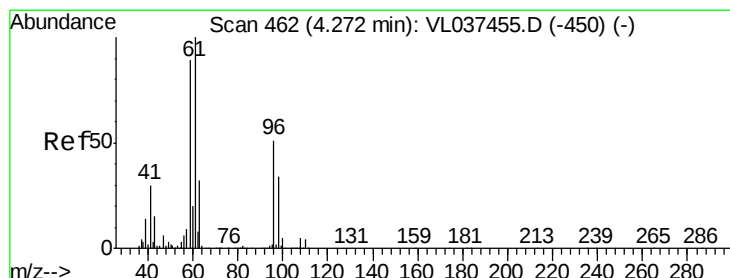
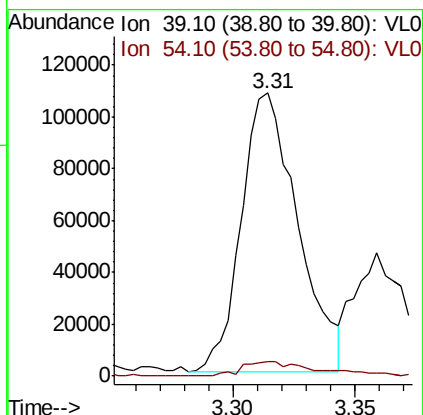
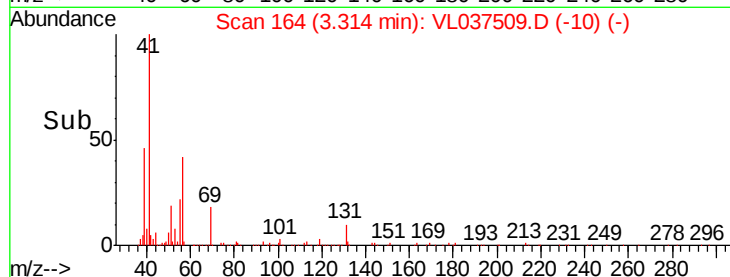
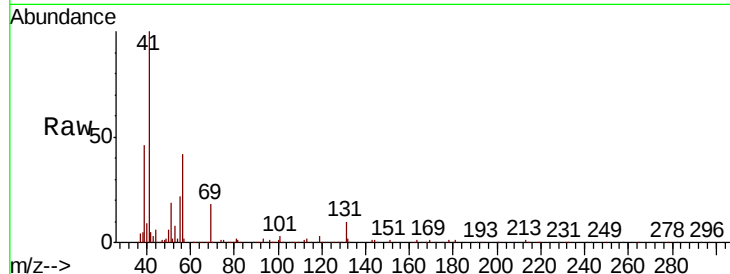




#16
 1,3-Butadiene
 Concen: 1.910 ppbv
 RT: 3.31 min Scan# 164
 Delta R.T. -0.00 min
 Lab File: VL037509.D
 Acq: 19 Aug 2021 21:52

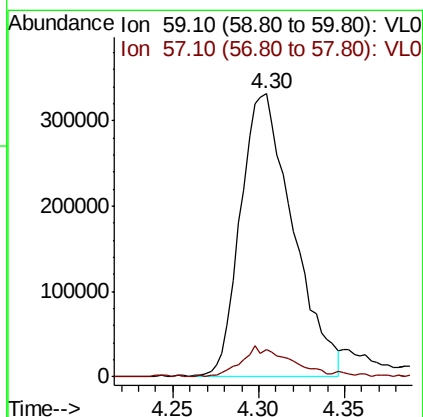
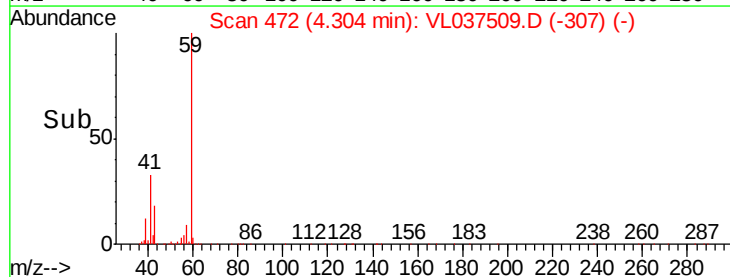
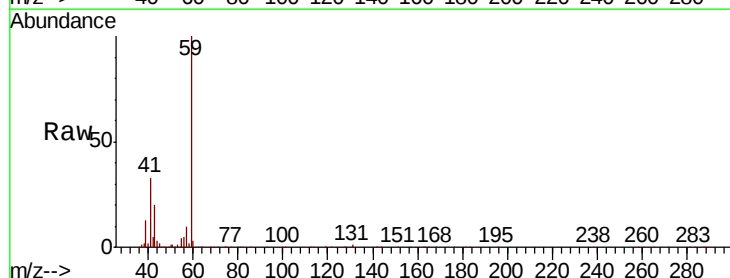
Instrument :
 MSVOA_L
 ClientSampleId :

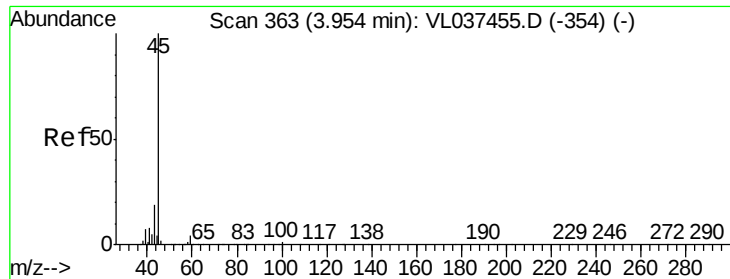
Tot Ion: 39 Resp: 173441
 Ion Ratio Lower Upper
 39 100
 54 7.4 63.7 95.5#



#17
 tert-Butyl alcohol
 Concen: 5.393 ppbv
 RT: 4.30 min Scan# 472
 Delta R.T. 0.03 min
 Lab File: VL037509.D
 Acq: 19 Aug 2021 21:52

Tgt Ion: 59 Resp: 697523
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5



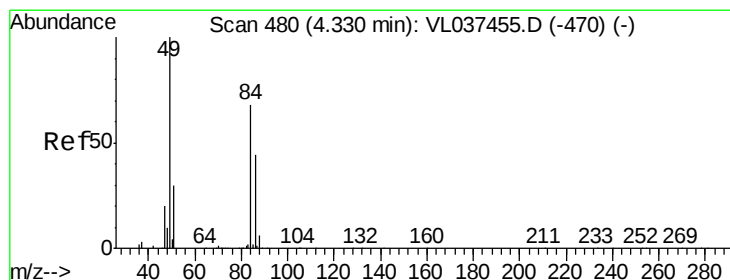
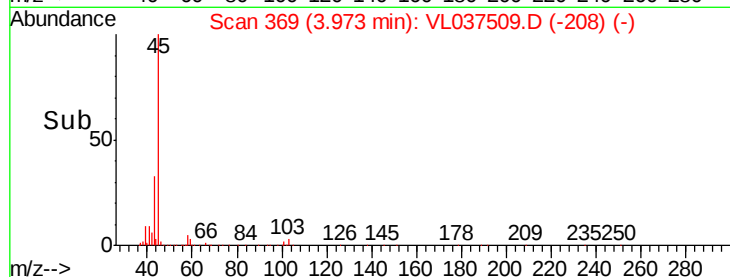
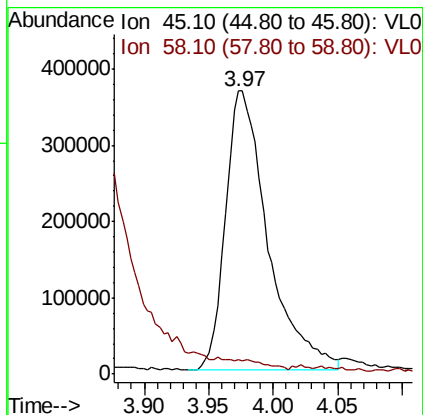
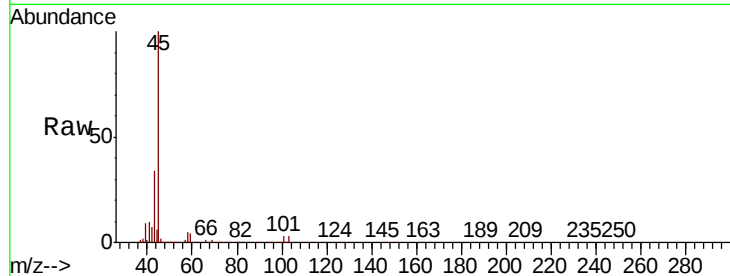


#19

Isopropyl Alcohol
 Concen: 10.333 ppbv
 RT: 3.97 min Scan# 369
 Delta R.T. 0.02 min
 Lab File: VL037509.D
 Acq: 19 Aug 2021 21:52

Instrument :
 MSVOA_L
 ClientSampleId :

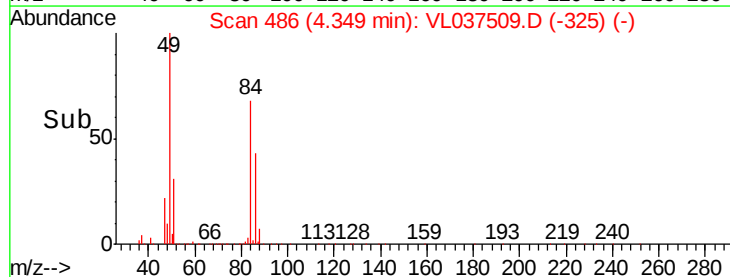
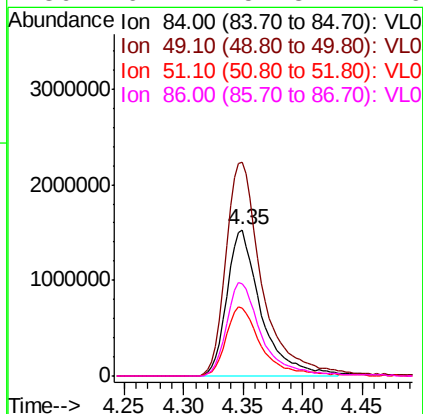
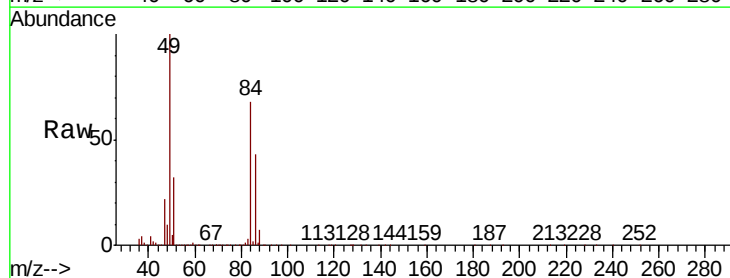
Tot Ion: 45 Resp: 838113
 Ion Ratio Lower Upper
 45 100
 58 249.2 1.4 2.2#

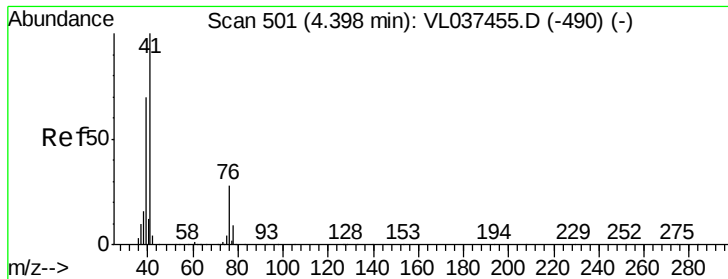


#20

Methylene Chloride
 Concen: 42.937 ppbv
 RT: 4.35 min Scan# 486
 Delta R.T. 0.02 min
 Lab File: VL037509.D
 Acq: 19 Aug 2021 21:52

Tgt Ion: 84 Resp: 3043670
 Ion Ratio Lower Upper
 84 100
 49 146.1 118.2 177.2
 51 46.0 36.6 55.0
 86 62.7 51.8 77.6





#21

Allvl Chloride

Concen: 0.064 ppbv

RT: 4.67 min Scan# 587

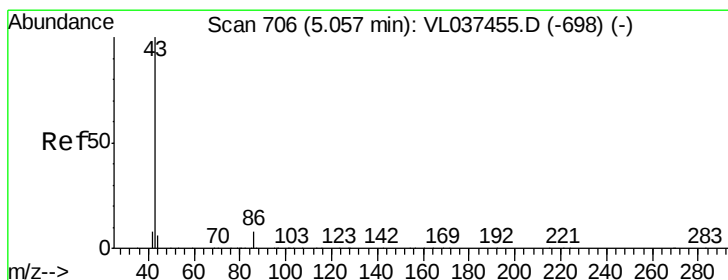
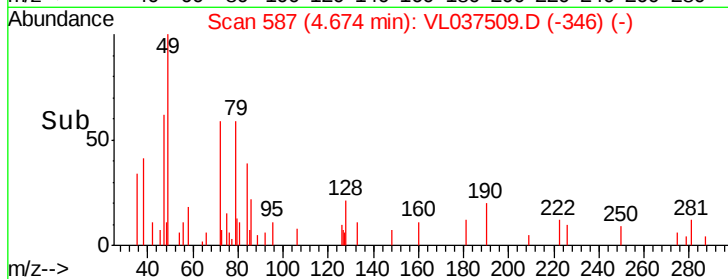
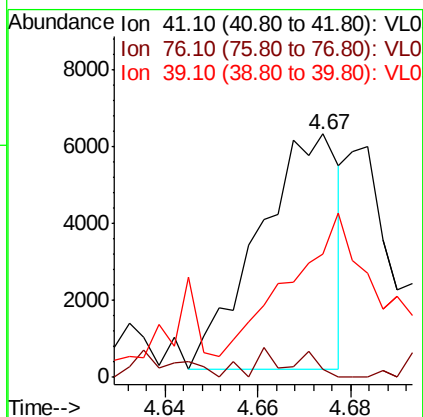
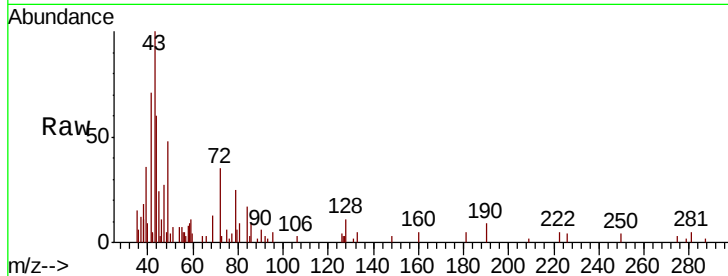
Delta R.T. 0.28 min

Lab File: VL037509.D

Acq: 19 Aug 2021 21:52

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	41	Resp:	7314
Ion	Ratio	Lower	Upper
41	100		
76	23.2	21.8	32.6
39	77.8	56.8	85.2



#23

Vinyl Acetate

Concen: 0.188 ppbv

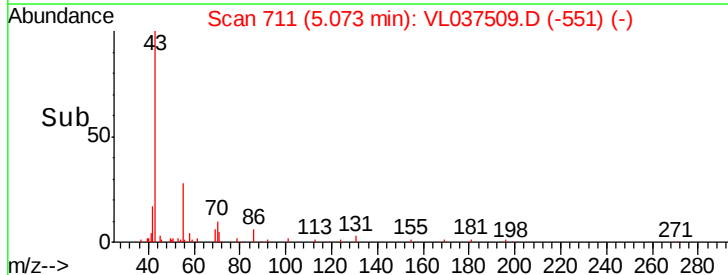
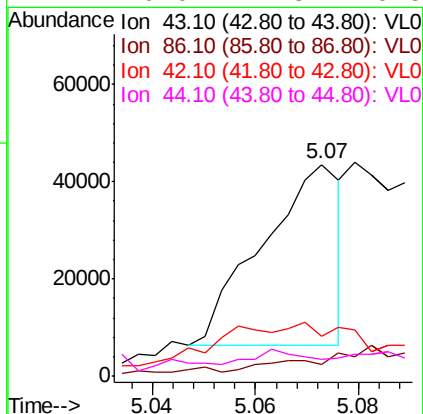
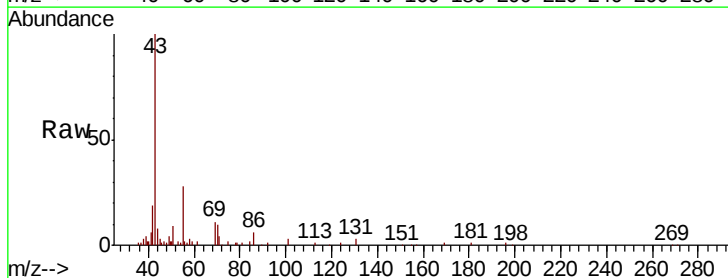
RT: 5.07 min Scan# 711

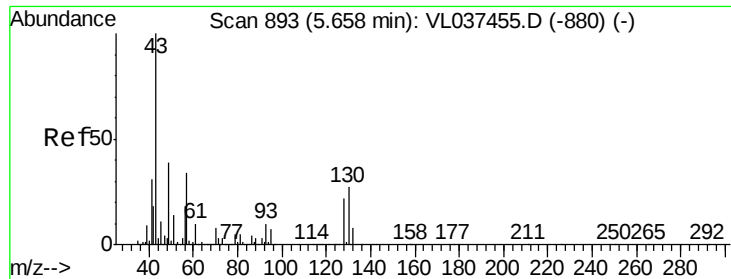
Delta R.T. 0.02 min

Lab File: VL037509.D

Acq: 19 Aug 2021 21:52

Tgt Ion:	43	Resp:	39255
Ion	Ratio	Lower	Upper
43	100		
86	2.9	5.7	8.5#
42	5.9	7.4	11.2#
44	0.0	4.3	6.5#

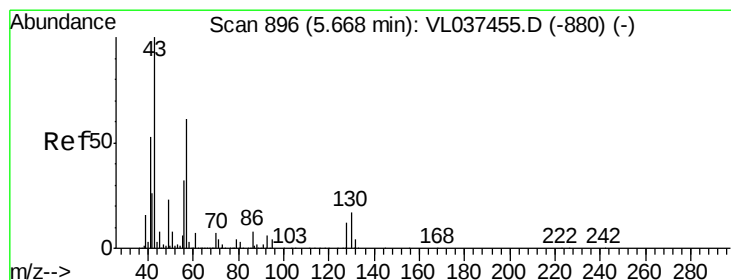
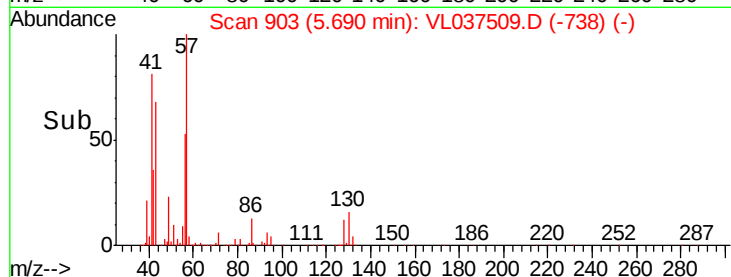
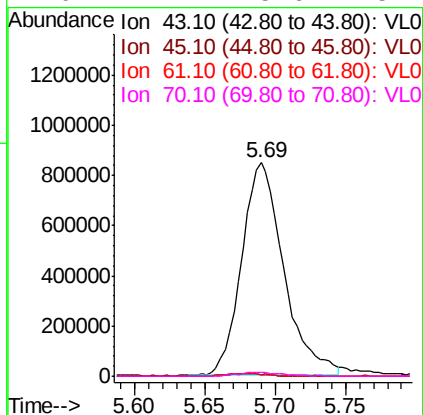
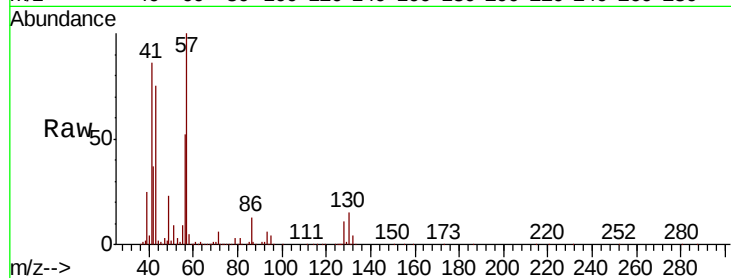




#25
Ethyl Acetate
Concen: 4.938 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.03 min
Lab File: VL037509.D
Acq: 19 Aug 2021 21:52

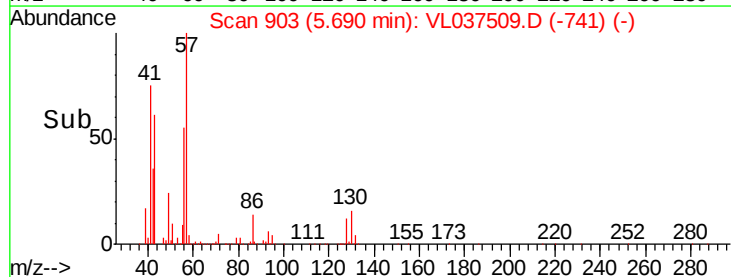
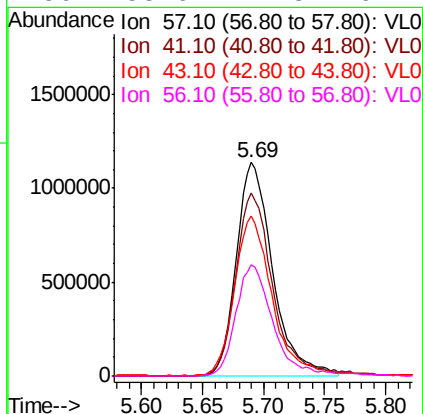
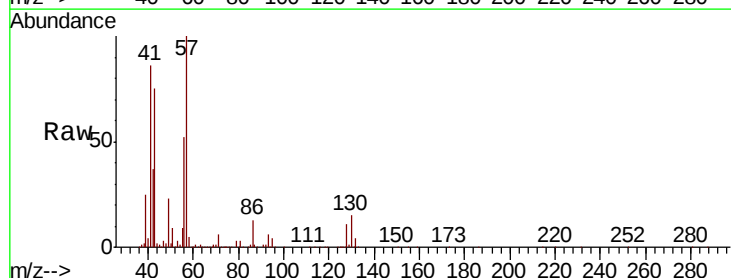
Instrument :
MSVOA_L
ClientSampleId :

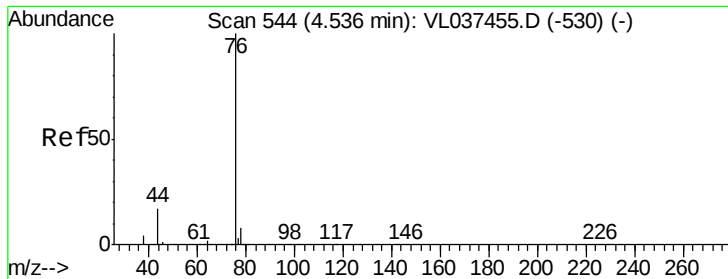
Tot Ion:	43	Resp:	1774796
Ion	Ratio	Lower	Upper
43	100		
45	1.3	8.0	12.0#
61	1.3	8.0	12.0#
70	2.1	5.6	8.4#



#26
Hexane
Concen: 13.368 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.02 min
Lab File: VL037509.D
Acq: 19 Aug 2021 21:52

Tgt Ion:	57	Resp:	2349179
Ion	Ratio	Lower	Upper
57	100		
41	88.0	72.3	108.5
43	78.3	172.3	258.5#
56	53.6	42.8	64.2





#27

Carbon Disulfide

Concen: 0.112 ppbv

RT: 4.56 min Scan# 550

Delta R.T. 0.02 min

Lab File: VL037509.D

Acq: 19 Aug 2021 21:52

Instrument :

MSVOA_L

ClientSampleId :

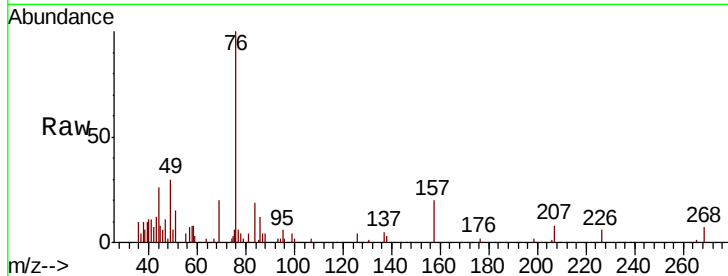
Tot Ion: 76 Resp: 17474

Ion Ratio Lower Upper

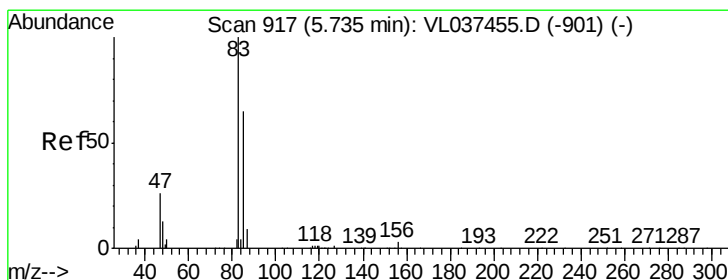
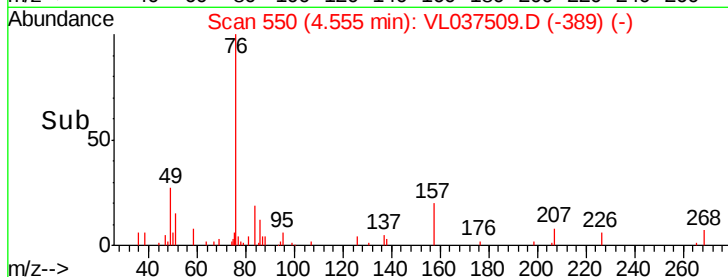
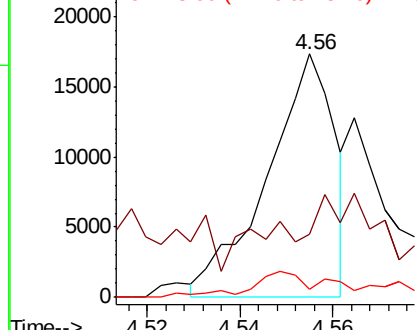
76 100

44 0.0 13.9 20.9#

78 11.5 7.9 11.9



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



#29

Chloroform

Concen: 0.442 ppbv

RT: 5.75 min Scan# 923

Delta R.T. 0.02 min

Lab File: VL037509.D

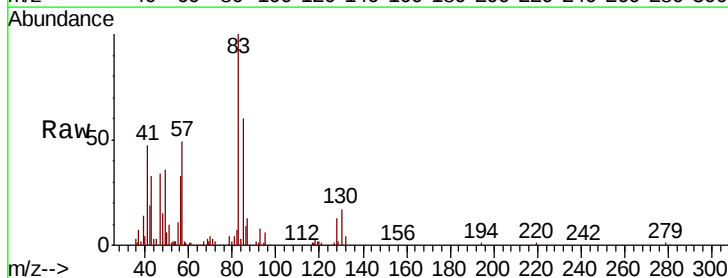
Acq: 19 Aug 2021 21:52

Tgt Ion: 83 Resp: 110186

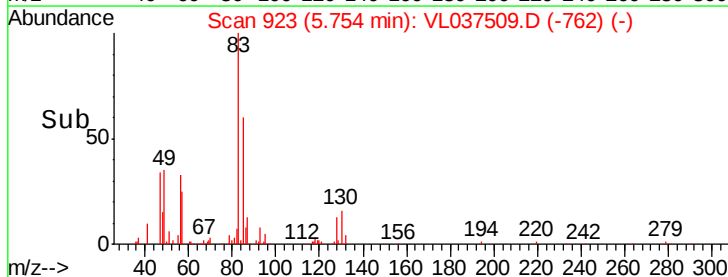
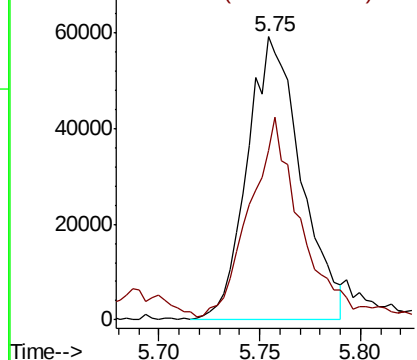
Ion Ratio Lower Upper

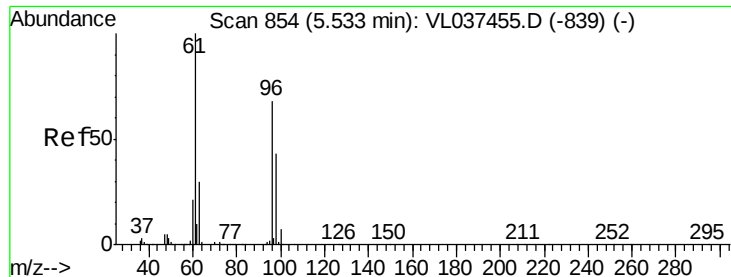
83 100

85 57.1 52.3 78.5



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0



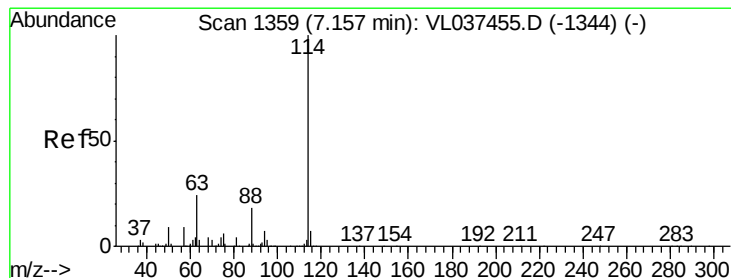
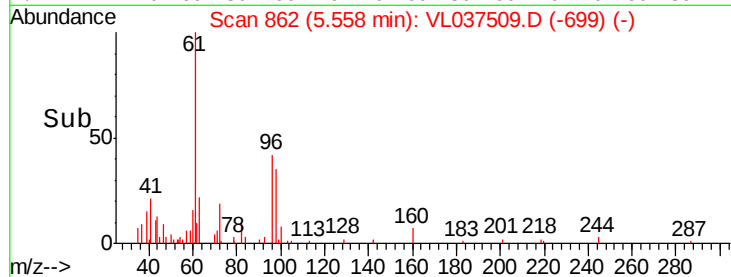
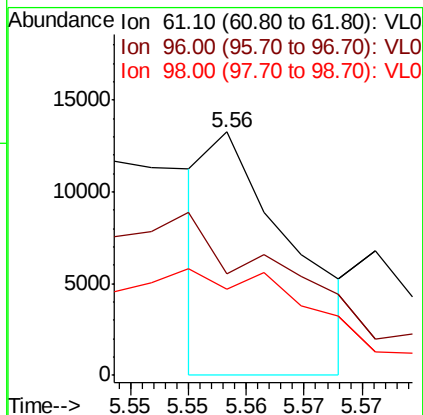
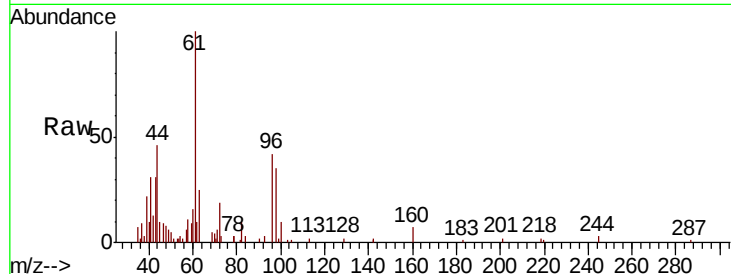


#31

cis-1,2-Dichloroethene
 Concen: 0.041 ppbv
 RT: 5.56 min Scan# 862
 Delta R.T. 0.03 min
 Lab File: VL037509.D
 Acq: 19 Aug 2021 21:52

Instrument :
 MSVOA_L
 ClientSampleId :

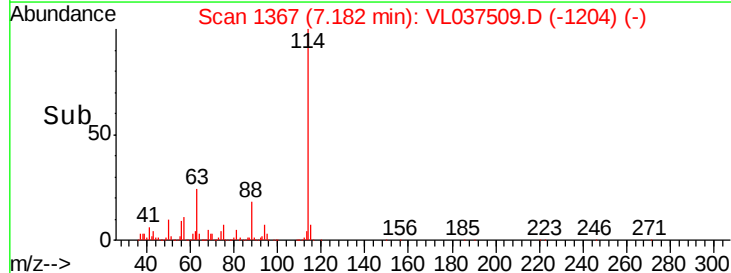
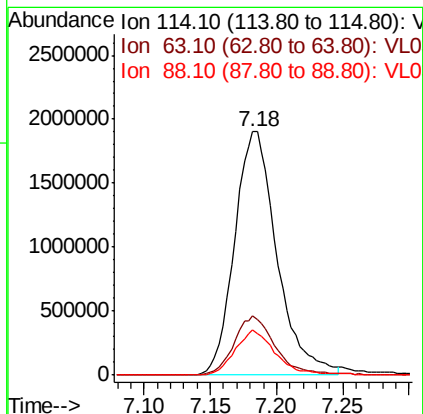
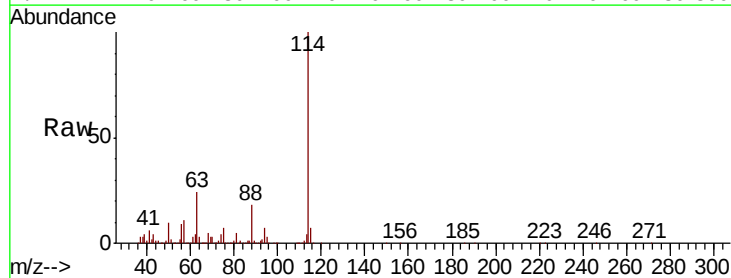
Tot Ion	Ratio	Lower	Upper
61	100		
96	14.6	54.8	82.2#
98	19.8	34.2	51.2#

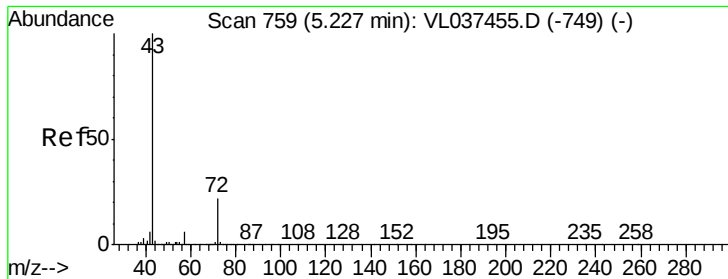


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.03 min
 Lab File: VL037509.D
 Acq: 19 Aug 2021 21:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.3	28.9
88	18.0	14.2	21.4

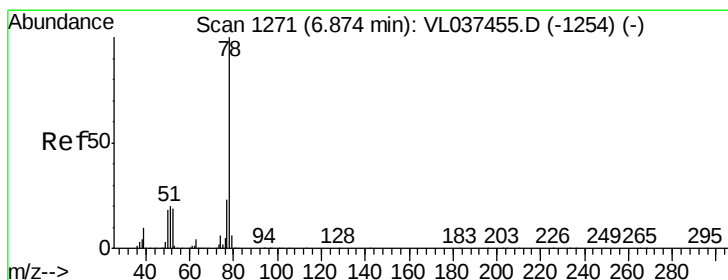
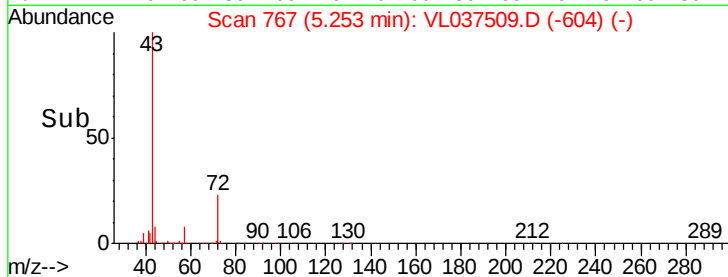
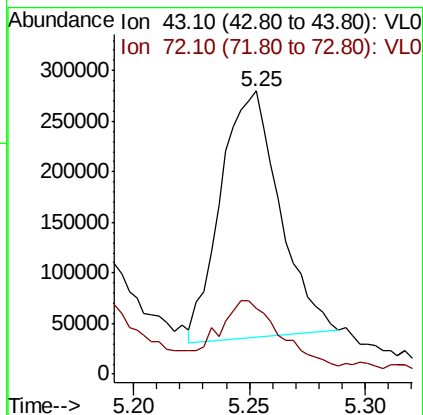
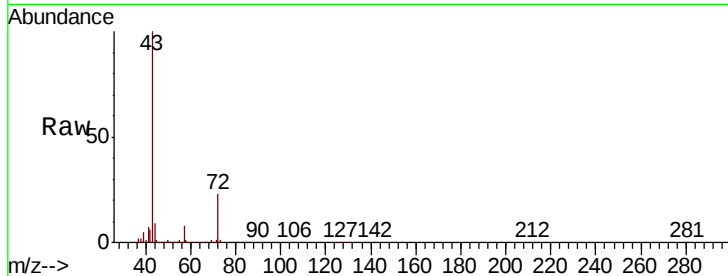




#34
2-Butanone
Concen: 2.507 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.03 min
Lab File: VL037509.D
Acq: 19 Aug 2021 21:52

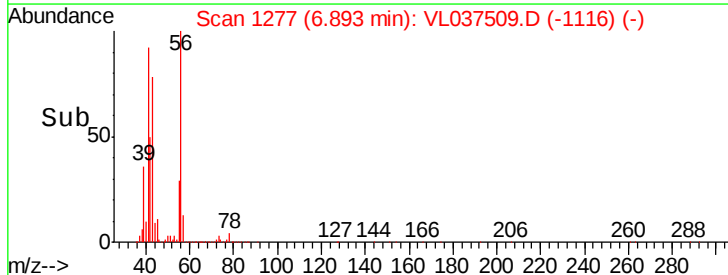
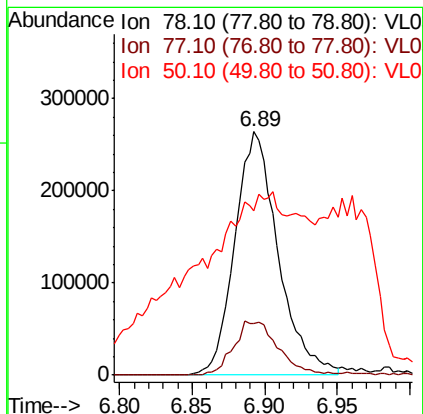
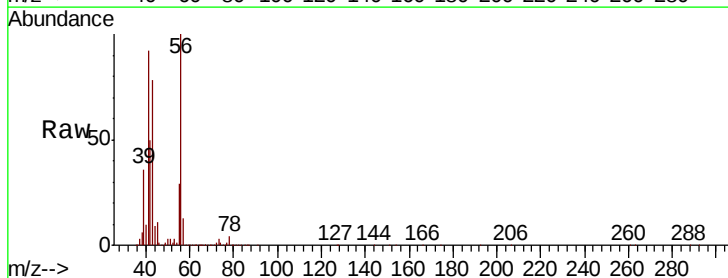
Instrument :
MSVOA_L
ClientSampleId :

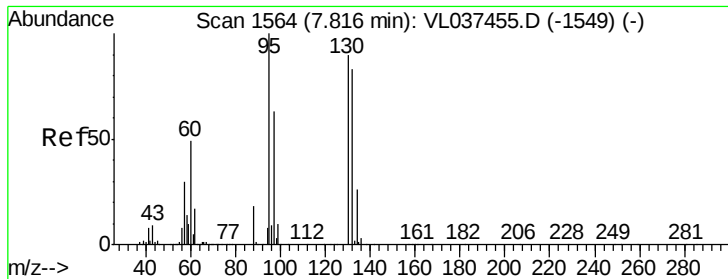
Tot Ion: 43 Resp: 431627
Ion Ratio Lower Upper
43 100
72 35.1 17.4 26.0#



#36
Benzene
Concen: 1.550 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. 0.02 min
Lab File: VL037509.D
Acq: 19 Aug 2021 21:52

Tgt Ion: 78 Resp: 549592
Ion Ratio Lower Upper
78 100
77 21.3 18.2 27.4
50 24.2 14.6 21.8#

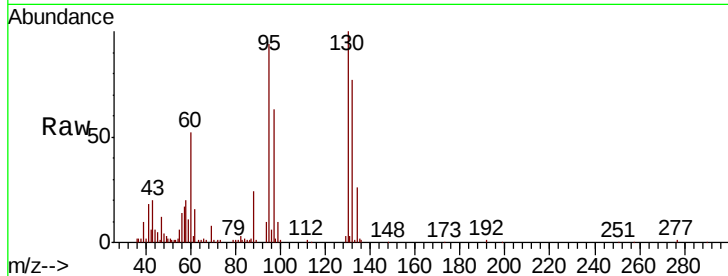




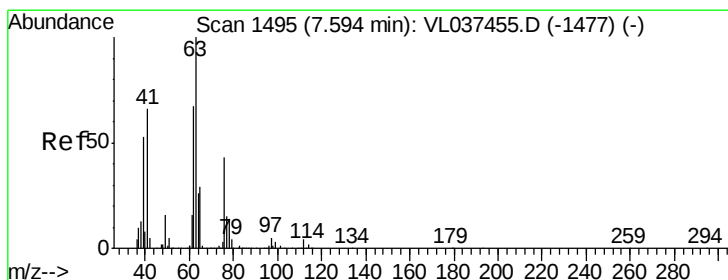
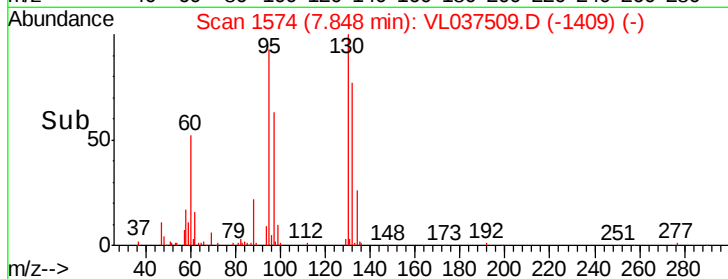
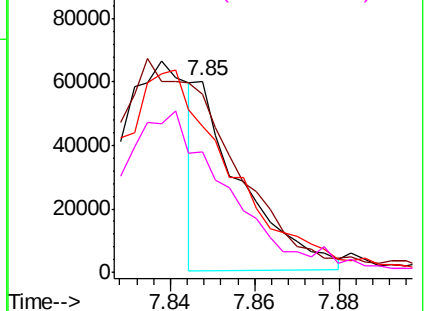
#38
 Trichloroethene
 Concen: 0.308 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.03 min
 Lab File: VL037509.D
 Acq: 19 Aug 2021 21:52

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion:130	Resp:	44805
Ion Ratio	Lower	Upper
130	100	
95	92.4	89.2 133.8
132	75.2	74.0 111.0
97	62.6	56.6 84.8

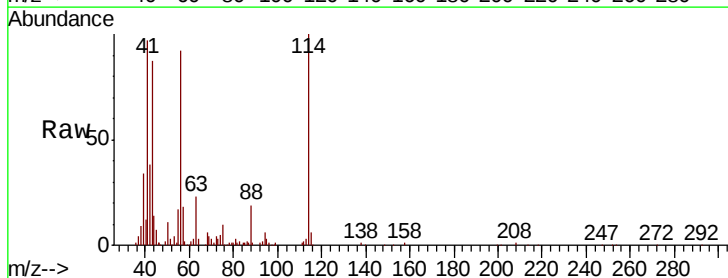


Abundance Ion 130.00 (129.70 to 130.70): VL0
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): VL0
 Ion 97.00 (96.70 to 97.70): VL0

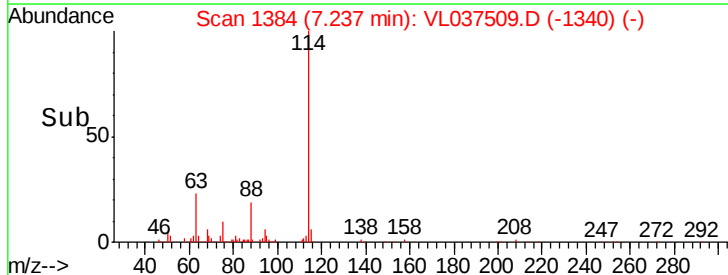
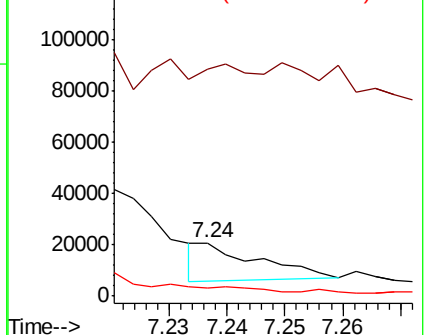


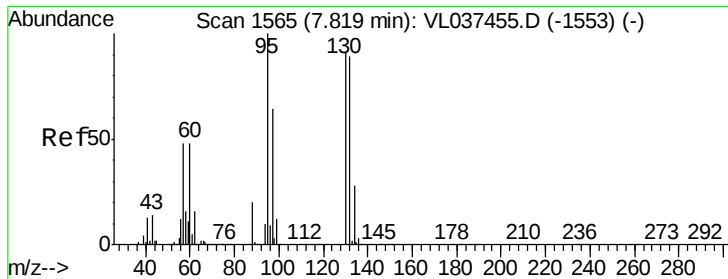
#39
 1,2-Dichloropropane
 Concen: 0.077 ppbv
 RT: 7.24 min Scan# 1384
 Delta R.T. -0.36 min
 Lab File: VL037509.D
 Acq: 19 Aug 2021 21:52

Tgt Ion: 63	Resp:	10494
Ion Ratio	Lower	Upper
63	100	
41	27.6	52.4 78.6#
62	12.4	53.6 80.4#



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: 0.147 ppbv

RT: 7.85 min Scan# 1574

Delta R.T. 0.03 min

Lab File: VL037509.D

Acq: 19 Aug 2021 21:52

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 88 Resp: 4902

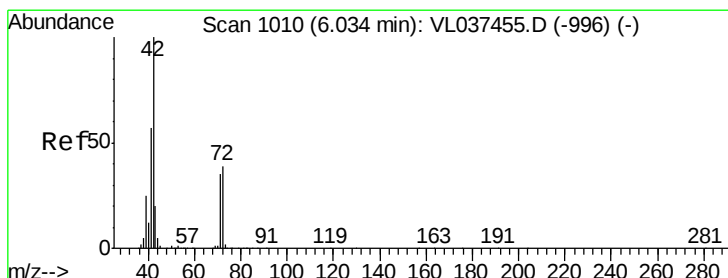
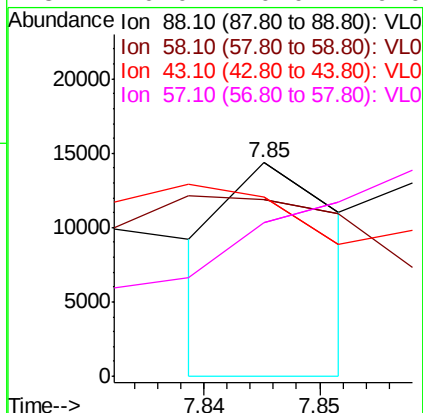
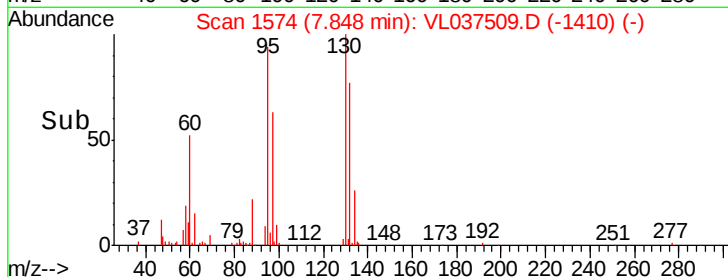
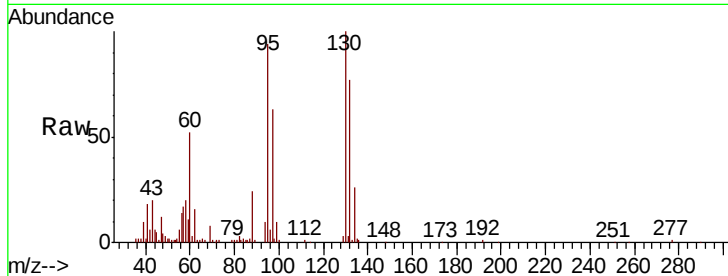
Ion Ratio Lower Upper

88 100

58 568.8 0.0 0.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0



#41

Tetrahydrofuran

Concen: 0.257 ppbv

RT: 6.06 min Scan# 1018

Delta R.T. 0.03 min

Lab File: VL037509.D

Acq: 19 Aug 2021 21:52

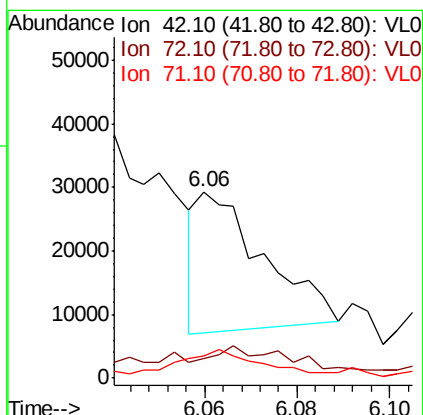
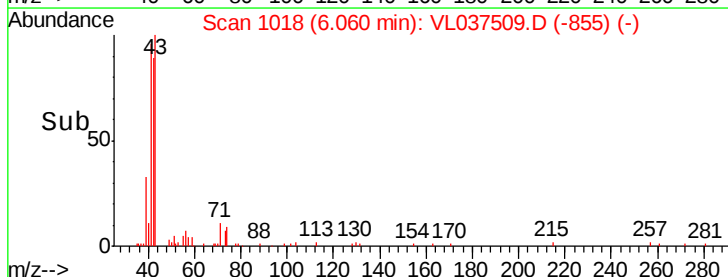
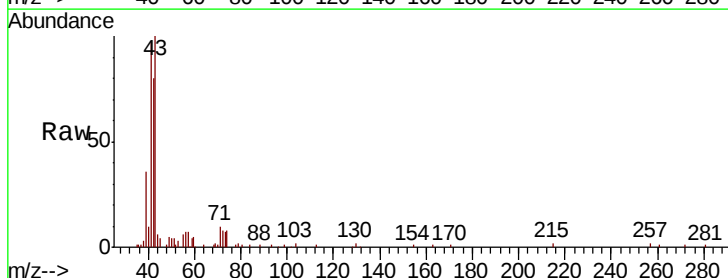
Tgt Ion: 42 Resp: 21339

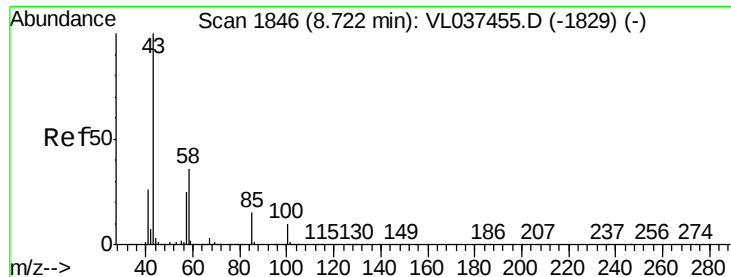
Ion Ratio Lower Upper

42 100

72 61.2 32.2 48.4#

71 37.3 30.5 45.7

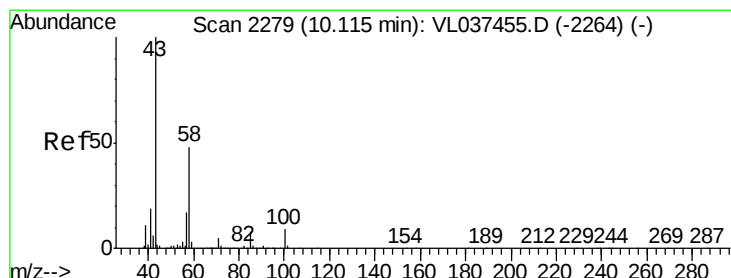
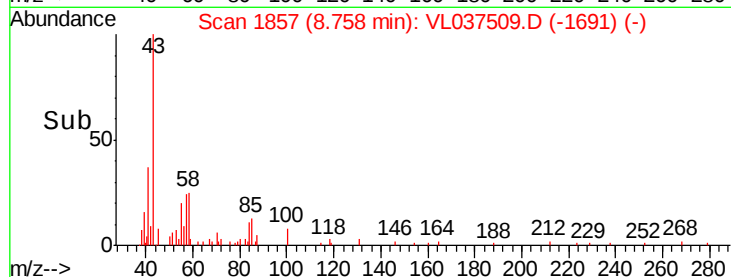
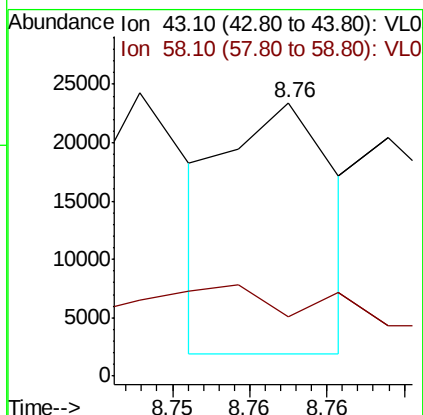
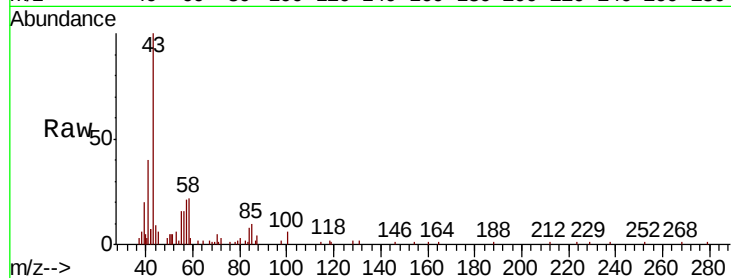




#50
4-Methyl-2-Pentanone
Concen: 0.047 ppbv
RT: 8.76 min Scan# 1857
Delta R.T. 0.04 min
Lab File: VL037509.D
Acq: 19 Aug 2021 21:52

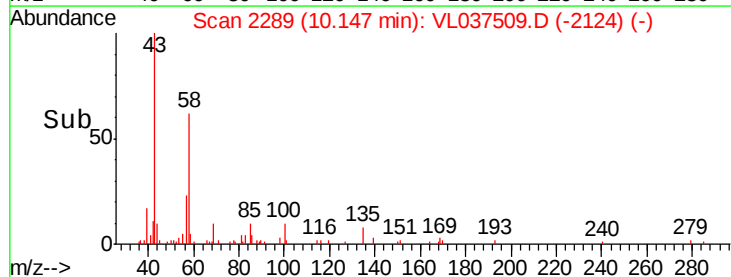
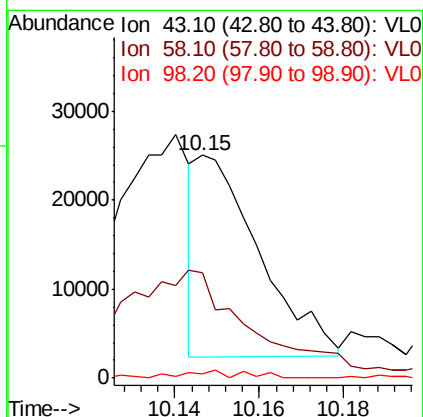
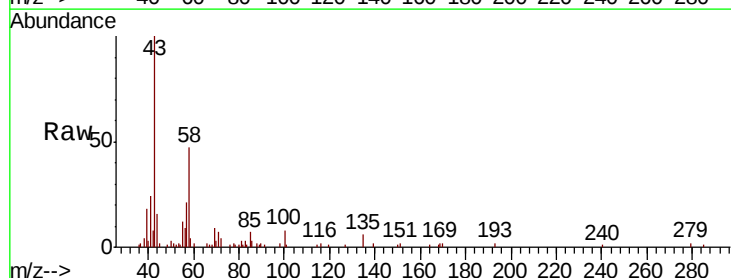
Instrument :
MSVOA_L
ClientSampleId :

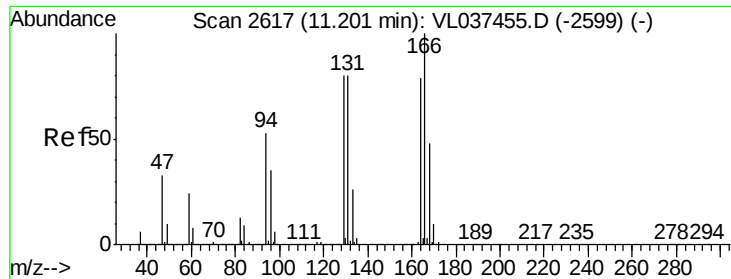
Tot Ion: 43 Resp: 10466
Ion Ratio Lower Upper
43 100
58 181.9 29.9 44.9#



#51
2-Hexanone
Concen: 0.225 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. 0.03 min
Lab File: VL037509.D
Acq: 19 Aug 2021 21:52

Tgt Ion: 43 Resp: 23273
Ion Ratio Lower Upper
43 100
58 0.0 41.0 61.6#
98 5.6 0.3 0.5#

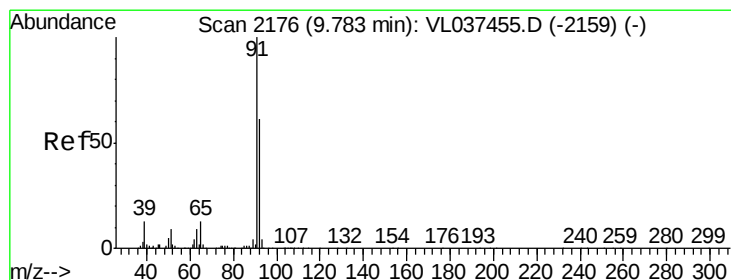
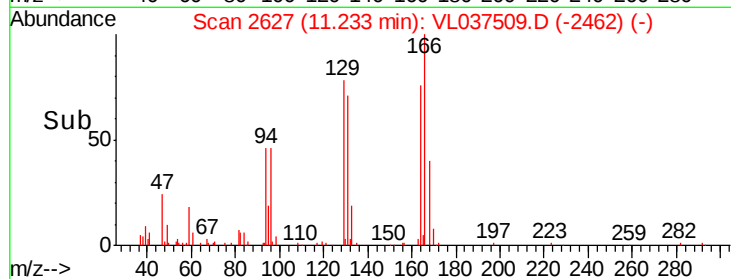
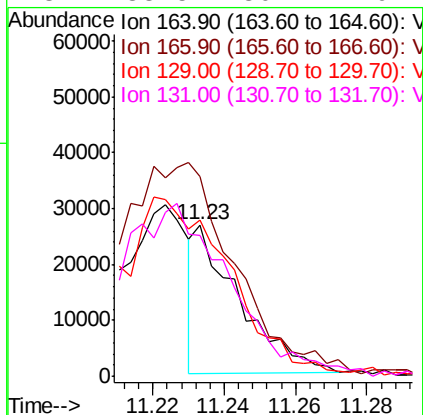
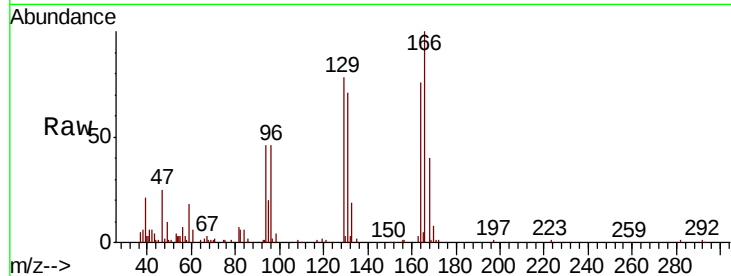




#52
Tetrachloroethene
Concen: 0.157 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. 0.03 min
Lab File: VL037509.D
Acq: 19 Aug 2021 21:52

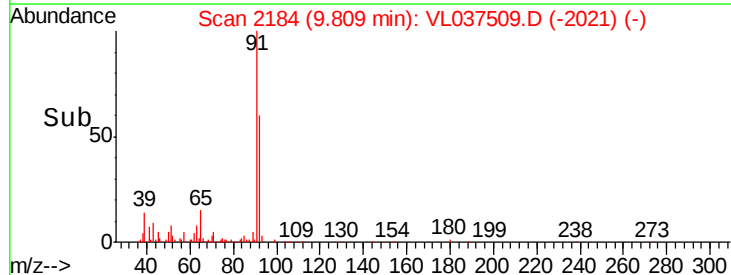
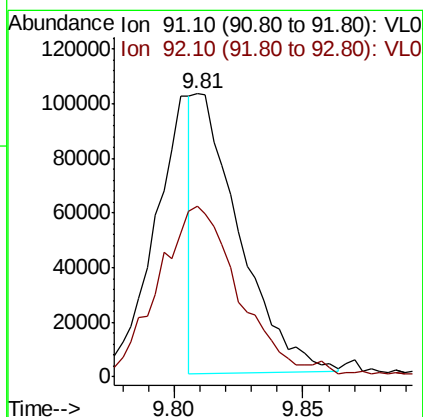
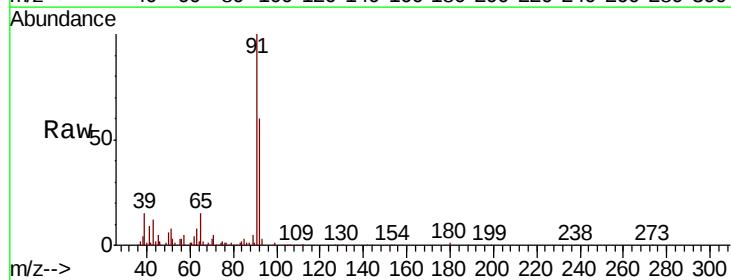
Instrument :
MSVOA_L
ClientSampled :

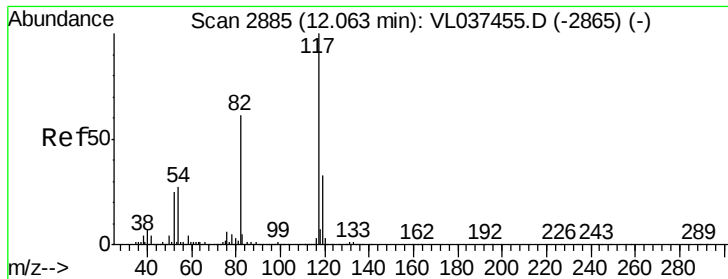
Tot Ion	Ratio	Lower	Upper
164	100		
166	124.1	100.7	151.1
129	105.9	80.9	121.3
131	88.5	80.2	120.4



#53
Toluene
Concen: 0.311 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. 0.03 min
Lab File: VL037509.D
Acq: 19 Aug 2021 21:52

Tgt Ion	Ratio	Lower	Upper
91	100		
92	110.7	48.8	73.2

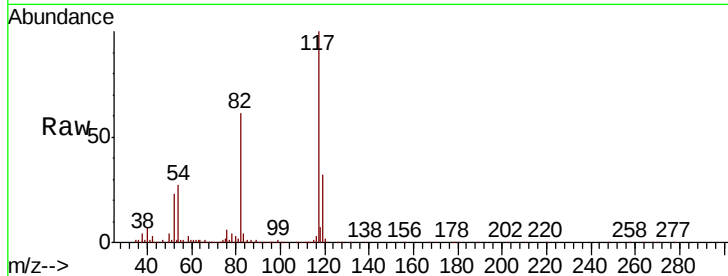




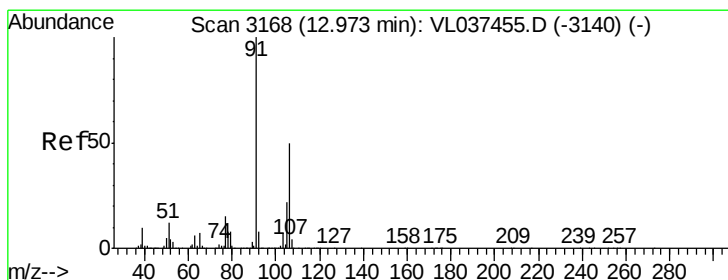
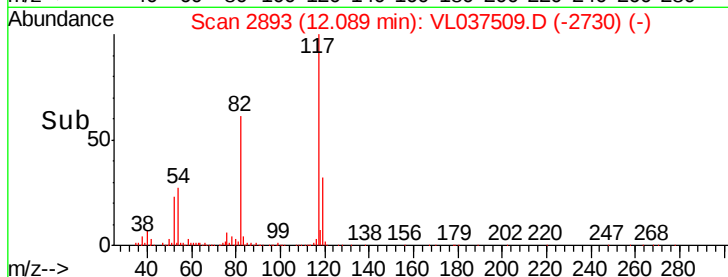
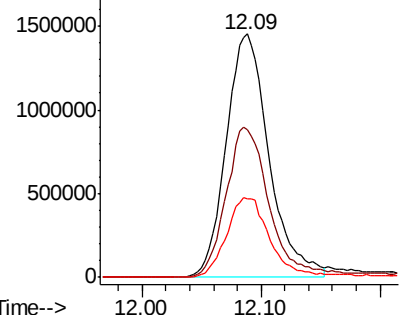
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.03 min
Lab File: VL037509.D
Acq: 19 Aug 2021 21:52

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3621744
Ion Ratio Lower Upper
117 100
82 65.5 52.9 79.3
119 35.0 24.8 37.2

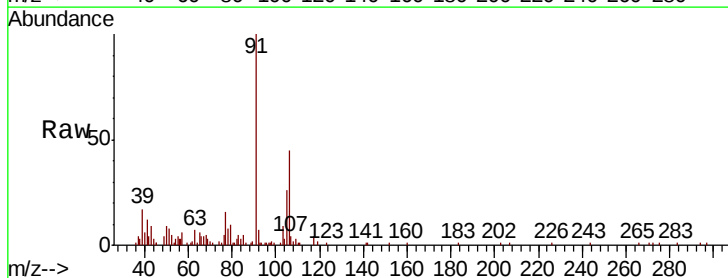


Abundance Ion 117.10 (116.80 to 117.80): V
2000000
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

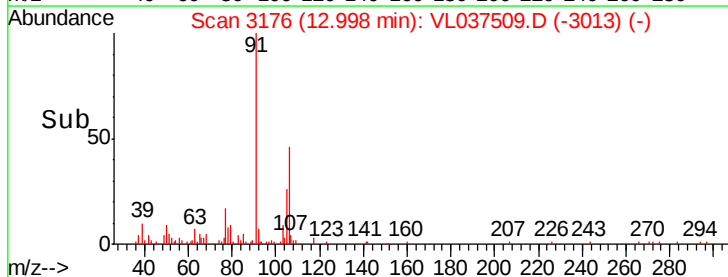
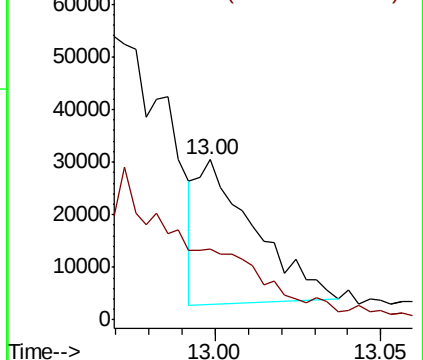


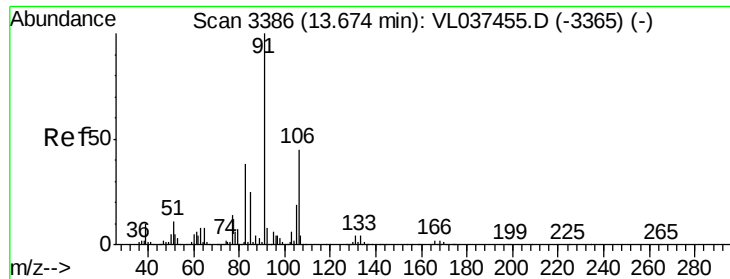
#59
m/p-Xylene
Concen: 0.076 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. 0.03 min
Lab File: VL037509.D
Acq: 19 Aug 2021 21:52

Tgt Ion: 91 Resp: 33016
Ion Ratio Lower Upper
91 100
106 0.0 36.9 55.3#



Abundance Ion 91.10 (90.80 to 91.80): VL0
60000
Ion 106.10 (105.80 to 106.80): V





#60

o-Xylene

Concen: 0.360 ppbv

RT: 13.69 min Scan# 3391

Delta R.T. 0.02 min

Lab File: VL037509.D

Acq: 19 Aug 2021 21:52

Instrument :

MSVOA_L

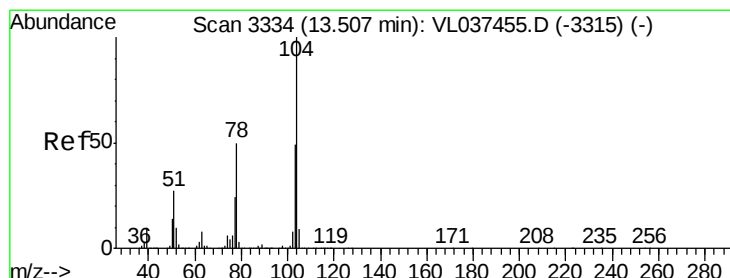
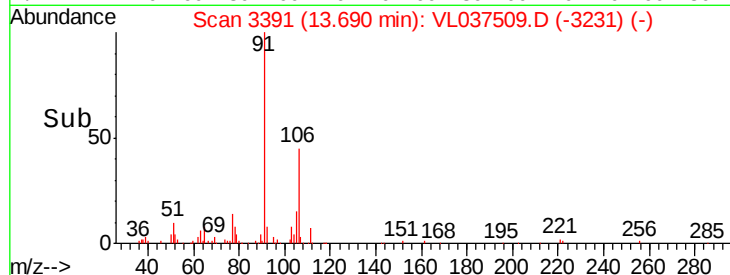
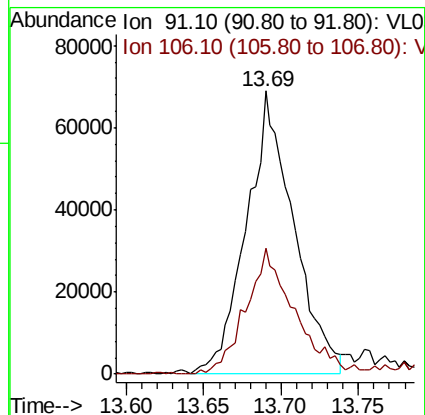
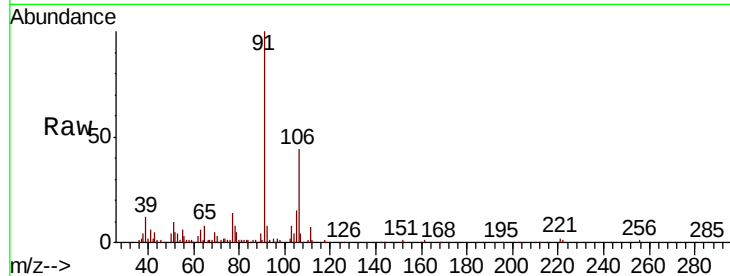
ClientSampleId :

Tot Ion: 91 Resp: 146296

Ion Ratio Lower Upper

91 100

106 45.9 23.7 71.1



#61

Styrene

Concen: 0.103 ppbv

RT: 13.53 min Scan# 3342

Delta R.T. 0.03 min

Lab File: VL037509.D

Acq: 19 Aug 2021 21:52

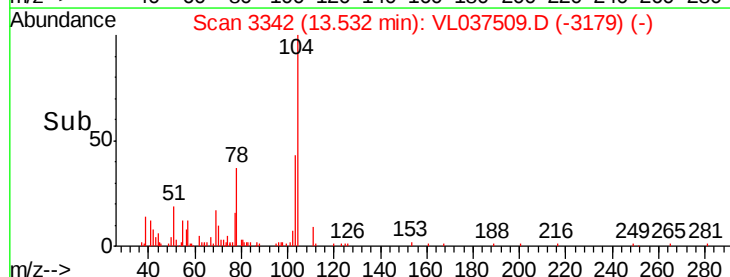
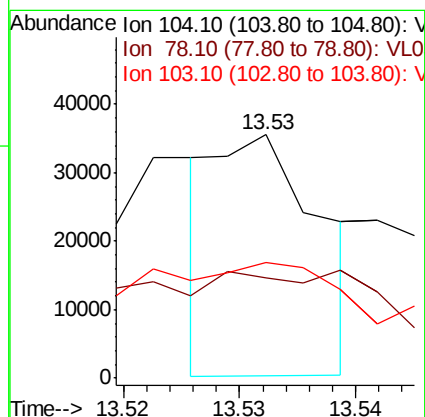
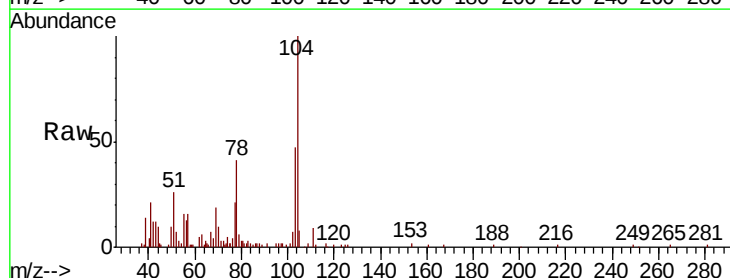
Tgt Ion: 104 Resp: 21847

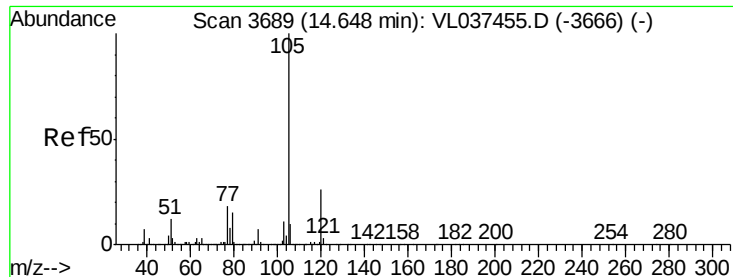
Ion Ratio Lower Upper

104 100

78 0.0 41.3 61.9#

103 187.0 39.4 59.0#





#62

Isopropylbenzene

Concen: 1.169 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. 0.02 min

Lab File: VL037509.D

Acq: 19 Aug 2021 21:52

Instrument :

MSVOA_L

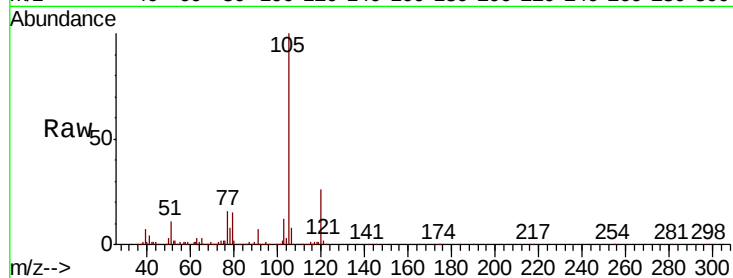
ClientSampleId :

Tot Ion:105 Resp: 670661

Ion Ratio Lower Upper

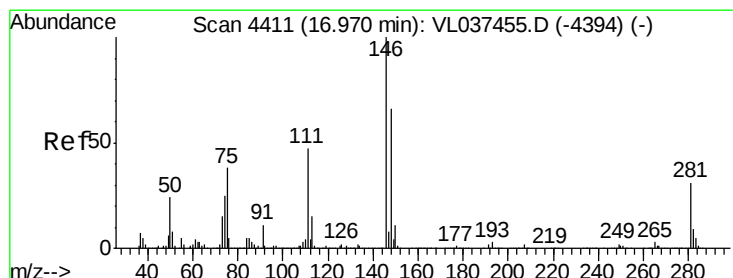
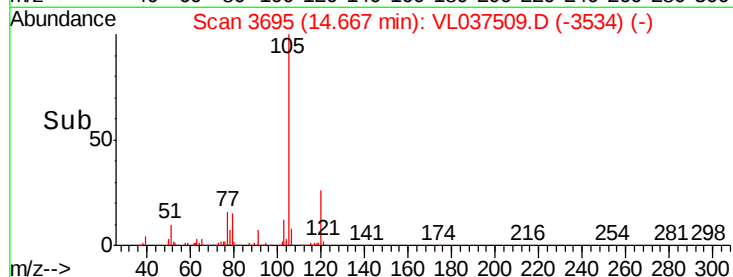
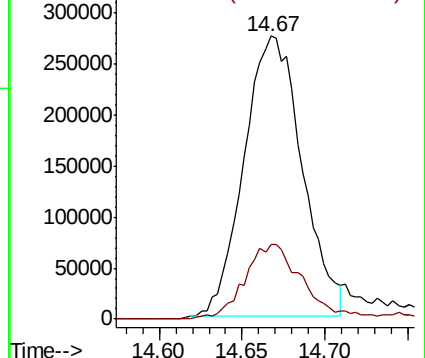
105 100

120 27.8 21.5 32.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#66

Benzyl Chloride

Concen: 0.051 ppbv

RT: 17.01 min Scan# 4425

Delta R.T. 0.04 min

Lab File: VL037509.D

Acq: 19 Aug 2021 21:52

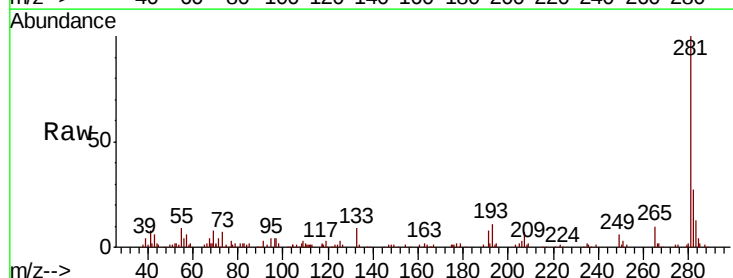
Tgt Ion: 91 Resp: 1216

Ion Ratio Lower Upper

91 100

126 0.0 15.9 23.9#

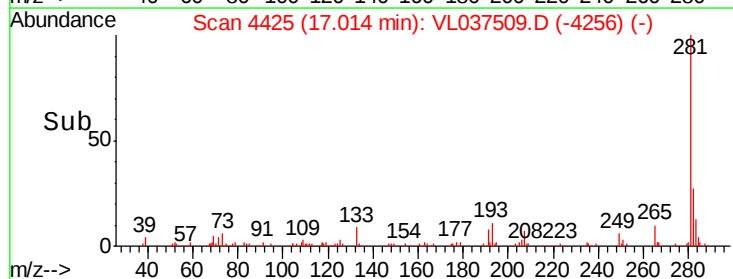
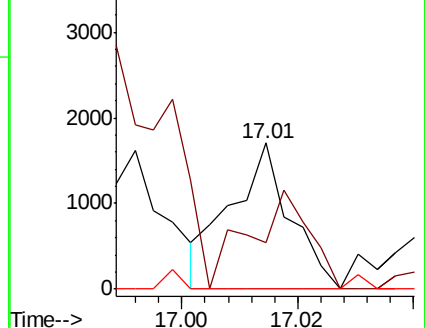
128 0.0 5.4 8.0#

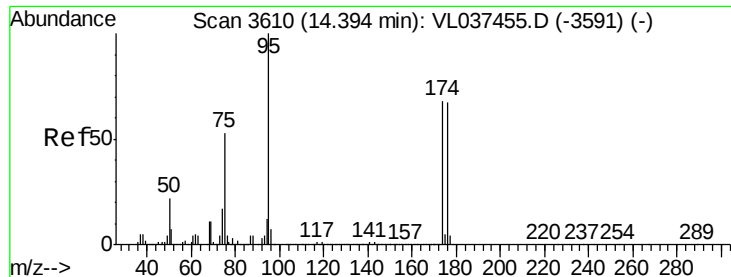


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V

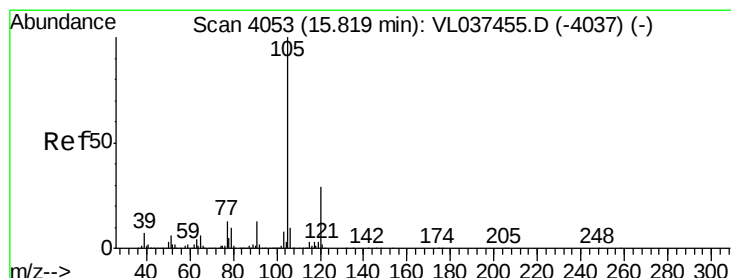
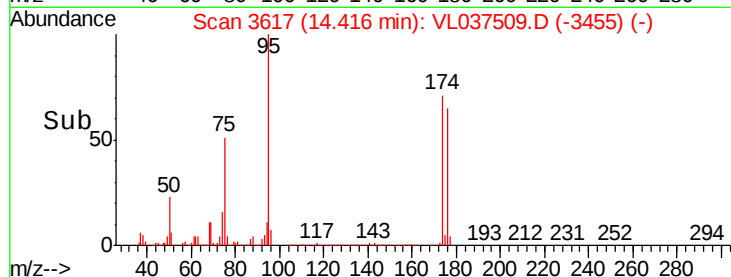
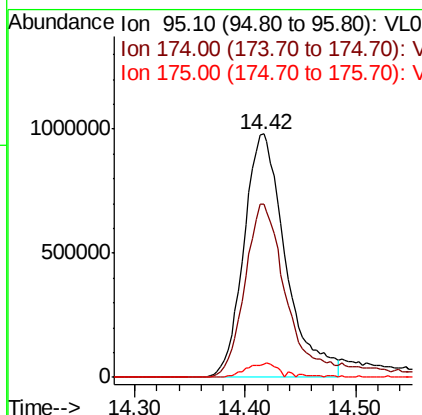
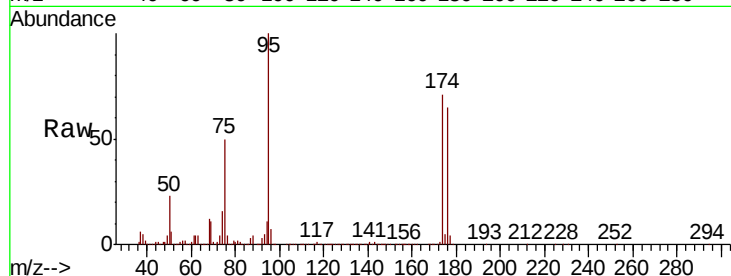




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.023 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. 0.02 min
 Lab File: VL037509.D
 Acq: 19 Aug 2021 21:52

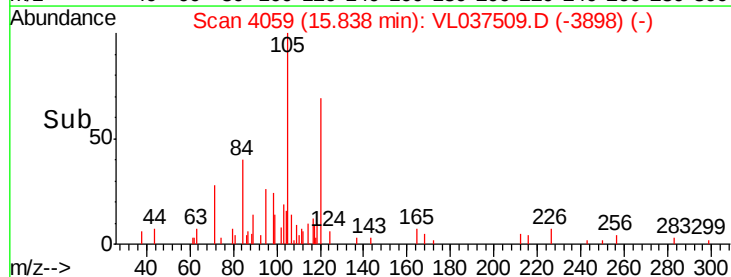
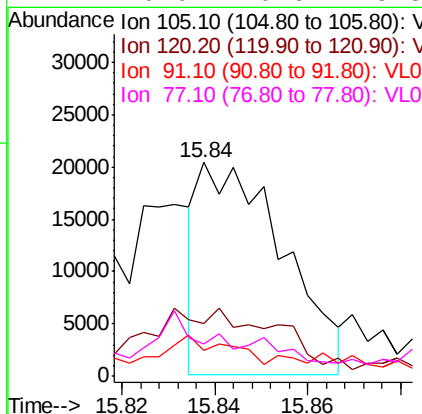
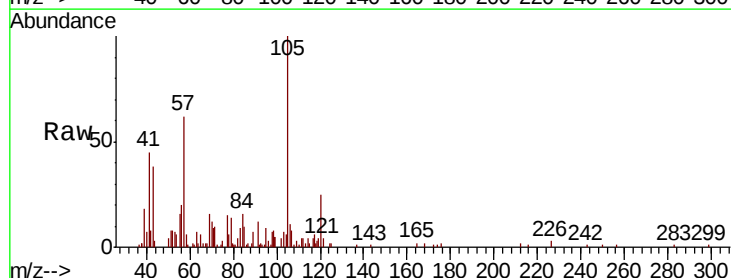
Instrument :
 MSVOA_L
 ClientSampleId :

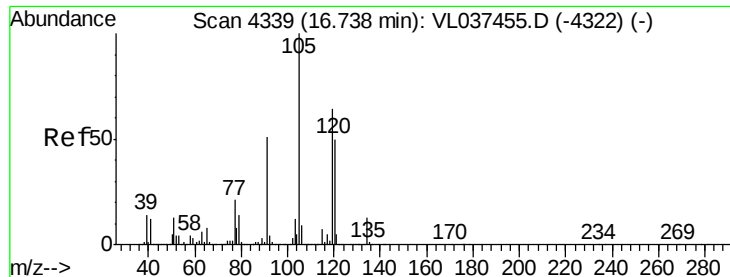
Tot Ion: 95 Resp: 2578905
 Ion Ratio Lower Upper
 95 100
 174 76.7 59.6 89.4
 175 4.6 4.6 7.0#



#72
 4-Ethyltoluene
 Concen: 0.053 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. 0.02 min
 Lab File: VL037509.D
 Acq: 19 Aug 2021 21:52

Tgt Ion:105 Resp: 25629
 Ion Ratio Lower Upper
 105 100
 120 56.2 24.7 37.1#
 91 35.3 9.8 14.8#
 77 0.0 10.6 15.8#

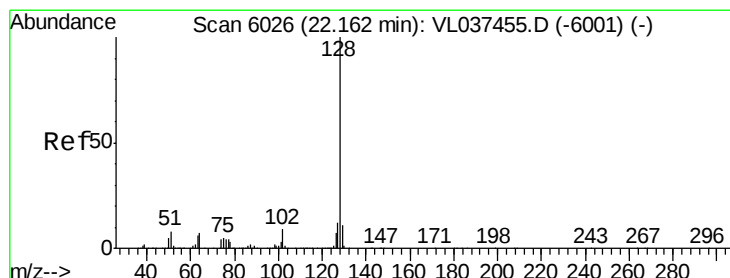
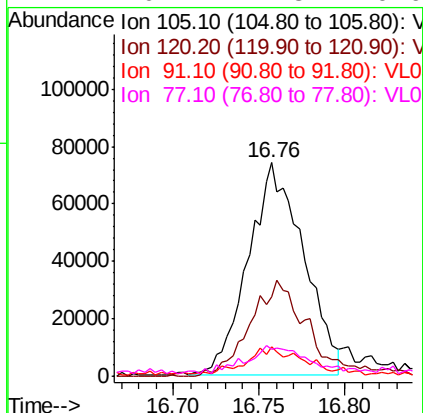
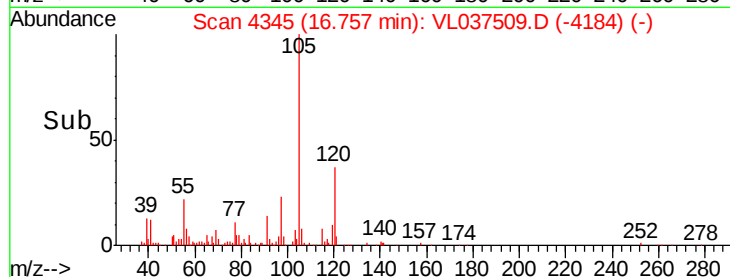
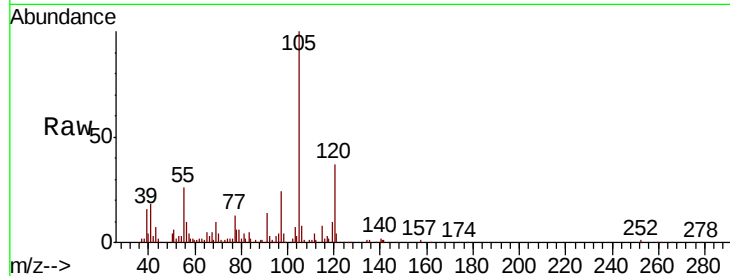




#74
 1,2,4-Trimethylbenzene
 Concen: 0.347 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. 0.02 min
 Lab File: VL037509.D
 Acq: 19 Aug 2021 21:52

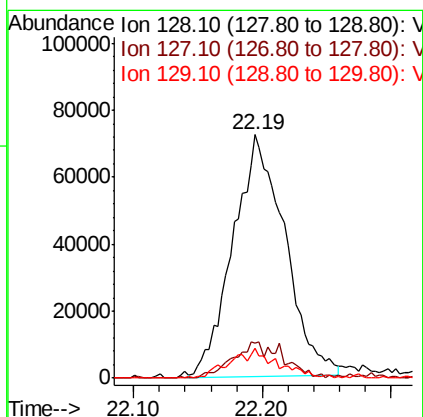
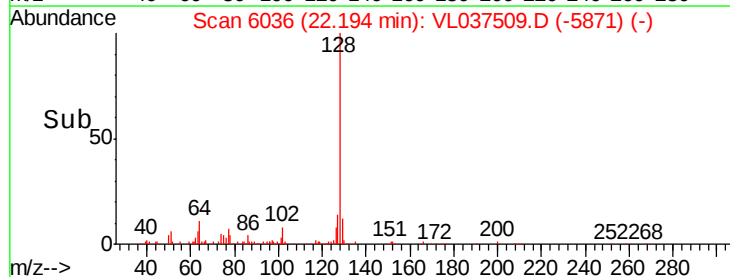
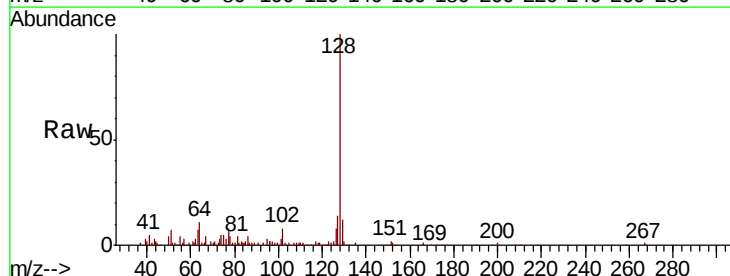
Instrument :
 MSVOA_L
 ClientSampleId :

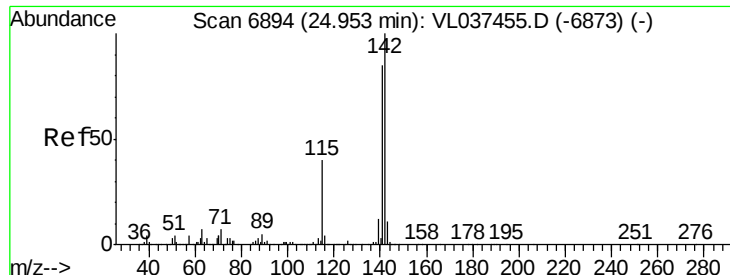
Tot Ion:	105	Resp:	165858
Ion	Ratio	Lower	Upper
105	100		
120	36.8	40.4	60.6#
91	12.7	44.6	67.0#
77	10.2	17.8	26.6#



#79
 Naphthalene
 Concen: 0.630 ppbv
 RT: 22.19 min Scan# 6036
 Delta R.T. 0.03 min
 Lab File: VL037509.D
 Acq: 19 Aug 2021 21:52

Tgt Ion:	128	Resp:	201648
Ion	Ratio	Lower	Upper
128	100		
127	14.4	9.4	14.2#
129	11.6	8.8	13.2





#80

Naphthalene,2-methyl-

Concen: 0.061 ppbv

RT: 24.97 min Scan# 6900

Delta R.T. 0.02 min

Lab File: VL037509.D

Acq: 19 Aug 2021 21:52

Instrument :

MSVOA_L

ClientSampleId :

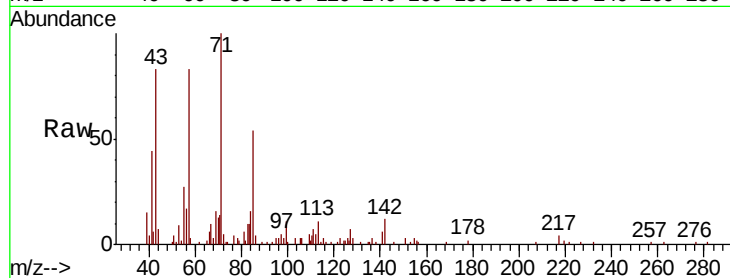
Tot Ion:142 Resp: 5477

Ion Ratio Lower Upper

142 100

141 86.9 64.7 97.1

115 36.9 28.4 42.6



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

