

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060822\
 Data File : VL039237.D
 Acq On : 8 Jun 2022 16:21
 Operator : SY/AP
 Sample : N3187-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-1B

Quant Time: Jun 09 06:39:29 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1243630	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2988577	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2632324	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2258563	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	57293	0.262	ppbv 93
3) Chlorodifluoromethane	3.00	51	1737253	10.979	ppbv 98
4) Chloromethane	3.15	50	47929	0.590	ppbv 91
9) Propene	3.03	41	227376	3.295	ppbv 83
10) Heptane	8.13	43	119026	0.739	ppbv 96
11) Trichlorofluoromethane	3.96	101	20126	0.102	ppbv 92
13) Ethanol	3.62	45	17361174	4613.885	ppbv # 100
15) Acetone	3.85	43	1313160	10.137	ppbv # 85
16) 1,3-Butadiene	3.32	39	8731	0.125	ppbv # 1
17) tert-Butyl alcohol	4.31	59	14526	0.145	ppbv # 70
19) Isopropyl Alcohol	3.98	45	2635012	43.367	ppbv # 98
20) Methylene Chloride	4.35	84	761209	13.943	ppbv 96
21) Allyl Chloride	4.38	41	24632	0.282	ppbv # 1
23) Vinyl Acetate	5.07	43	209171	1.952	ppbv # 3
25) Ethyl Acetate	5.69	43	1074581	3.680	ppbv # 87
26) Hexane	5.69	57	1040057	8.106	ppbv # 51
29) Chloroform	5.75	83	9811	0.045	ppbv 96
30) Cyclohexane	7.14	84	35091	0.326	ppbv # 1
31) cis-1,2-Dichloroethene	5.68	61	30421	0.233	ppbv # 31
34) 2-Butanone	5.25	43	129016	0.795	ppbv # 89
35) Carbon Tetrachloride	7.03	117	16014	0.073	ppbv 90
36) Benzene	6.90	78	326456	1.346	ppbv 97
38) Trichloroethene	7.85	130	4917	0.044	ppbv # 78
39) 1,2-Dichloropropane	7.18	63	808279	8.375	ppbv # 23
41) Tetrahydrofuran	6.03	42	5290	0.054	ppbv # 57
43) Methyl Methacrylate	8.01	69	8633	0.091	ppbv # 1
44) 2,2,4-Trimethylpentane	7.88	57	364005	0.858	ppbv # 86
50) 4-Methyl-2-Pentanone	8.75	43	30443	0.125	ppbv # 39
52) Tetrachloroethene	11.23	164	4268	0.045	ppbv # 75
53) Toluene	9.81	91	1277742	4.573	ppbv 98
58) Ethyl Benzene	12.72	91	289336	0.798	ppbv 96
59) m/p-Xylene	12.97	91	845680	2.649	ppbv 98
60) o-Xylene	13.69	91	302148	1.007	ppbv 99
61) Styrene	13.53	104	33661	0.210	ppbv 95
64) n-propylbenzene	15.56	120	5710	0.052	ppbv # 1
69) p-Isopropyltoluene	17.65	119	15821	0.034	ppbv # 1
72) 4-Ethyltoluene	15.84	105	58805	0.167	ppbv # 53
73) 1,3,5-Trimethylbenzene	16.00	105	38620	0.122	ppbv # 81
74) 1,2,4-Trimethylbenzene	16.77	105	246087	0.695	ppbv # 61

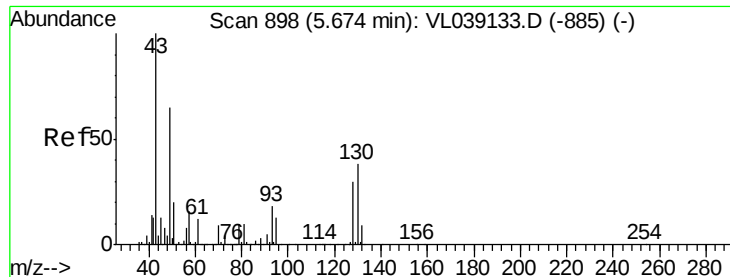
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060822\
Data File : VL039237.D
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Quant Time: Jun 09 06:39:29 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
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 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Jun 2022 16:21

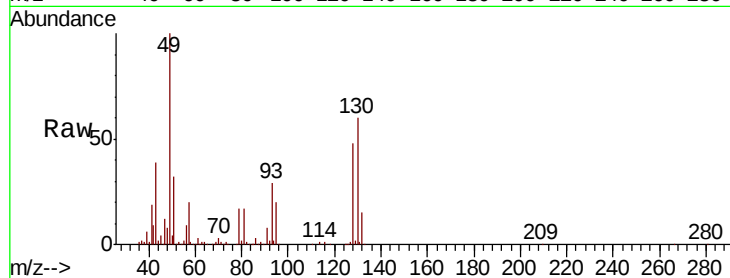
Tot Ion: 49 Resp: 1243630

Ion Ratio Lower Upper

49 100

128 49.2 24.7 74.1

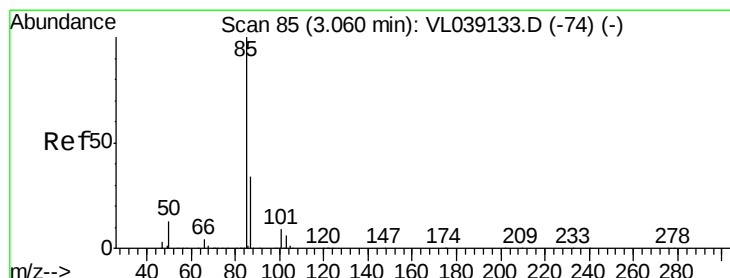
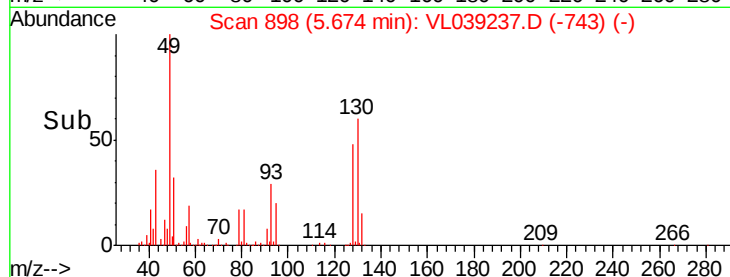
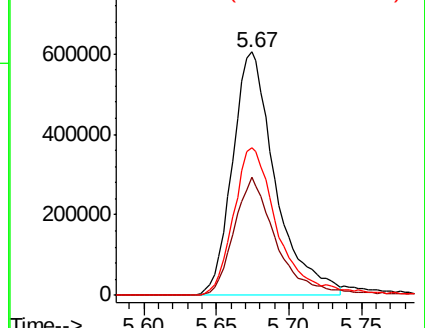
130 64.3 31.4 94.0



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: 0.262 ppbv

RT: 3.06 min Scan# 85

Delta R.T. -0.00 min

Lab File: VL039237.D

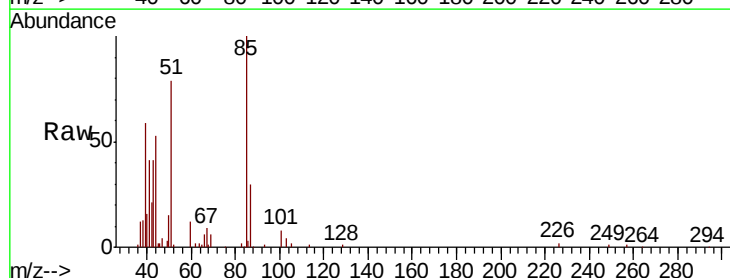
Acq: 8 Jun 2022 16:21

Tgt Ion: 85 Resp: 57293

Ion Ratio Lower Upper

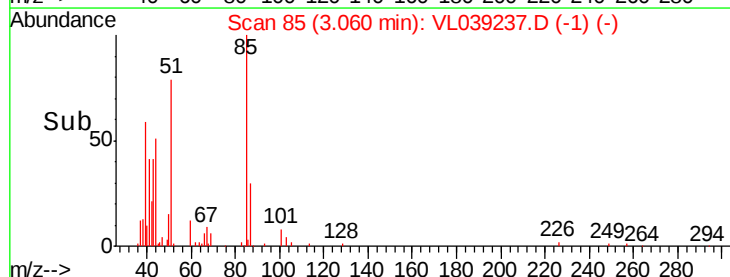
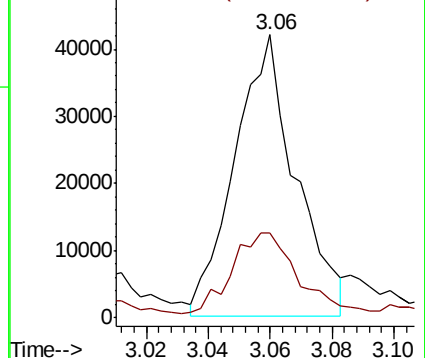
85 100

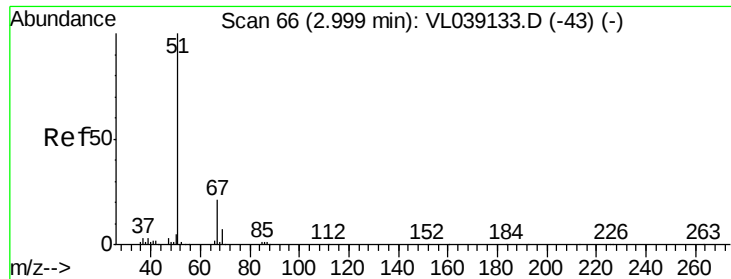
87 29.5 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.979 ppbv

RT: 3.00 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: IA-1B

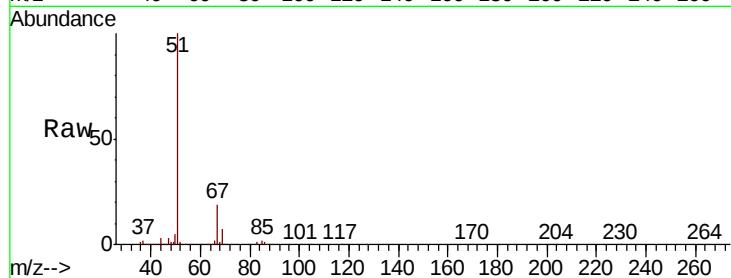
Acq: 8 Jun 2022 16:21

Tot Ion: 51 Resp: 1737253

Ion Ratio Lower Upper

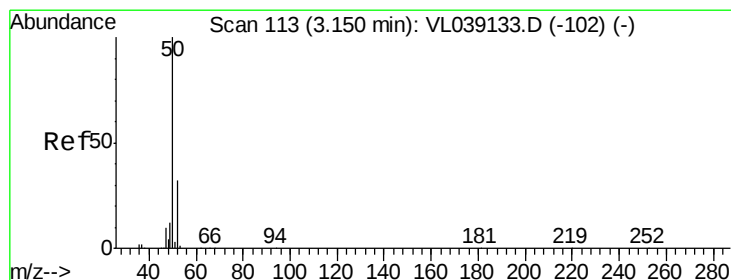
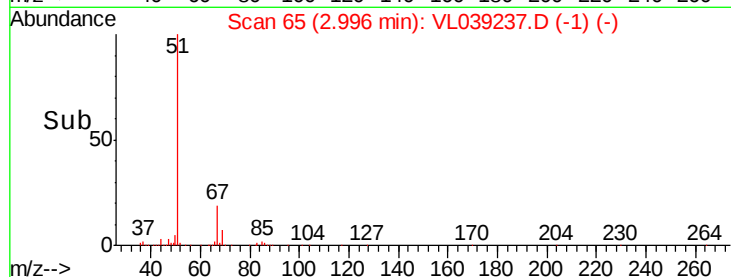
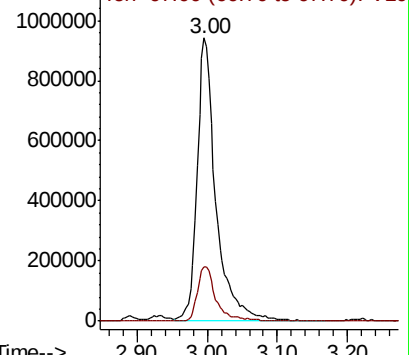
51 100

67 19.2 16.2 24.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.590 ppbv

RT: 3.15 min Scan# 113

Delta R.T. -0.00 min

Lab File: VL039237.D

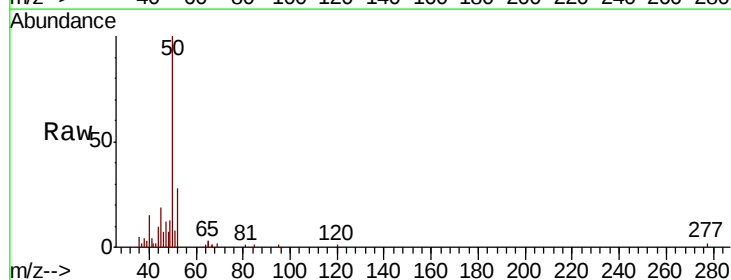
Acq: 8 Jun 2022 16:21

Tgt Ion: 50 Resp: 47929

Ion Ratio Lower Upper

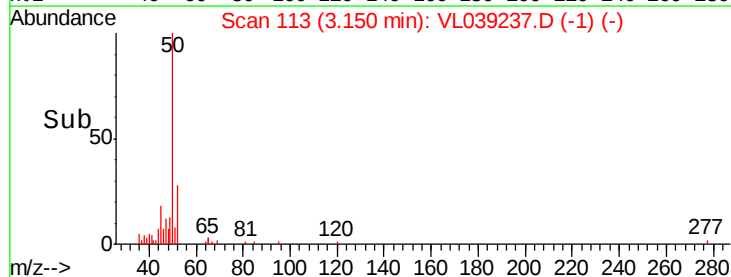
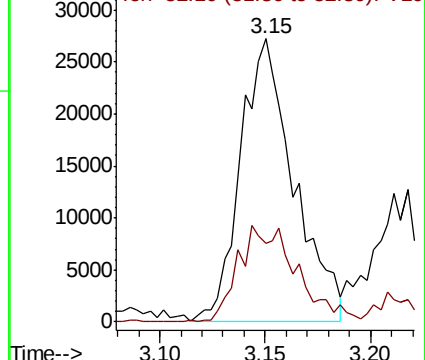
50 100

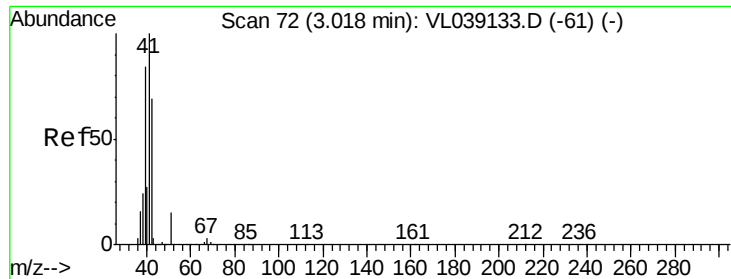
52 27.3 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 3.295 ppbv

RT: 3.03 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

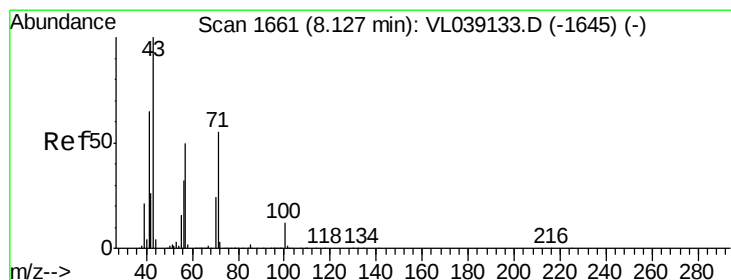
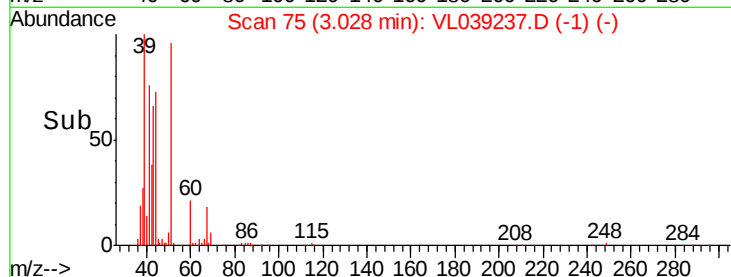
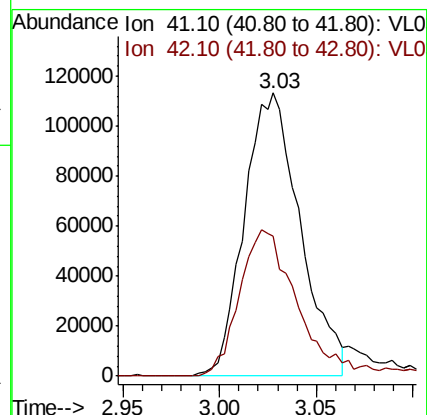
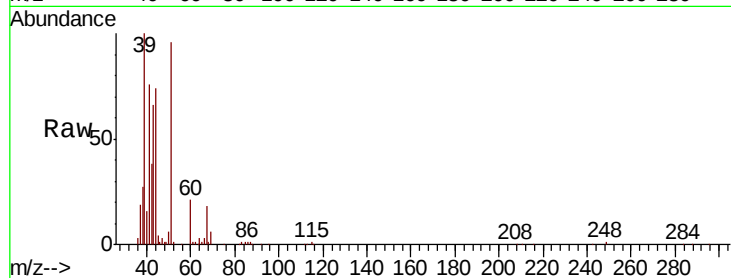
Acq: 8 Jun 2022 16:21

Tot Ion: 41 Resp: 227376

Ion Ratio Lower Upper

41 100

42 55.6 55.4 83.2



#10

Heptane

Concen: 0.739 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VL039237.D

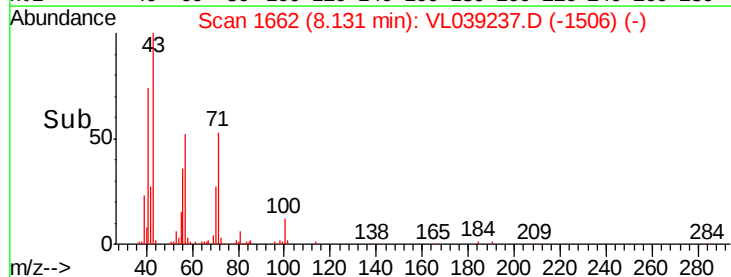
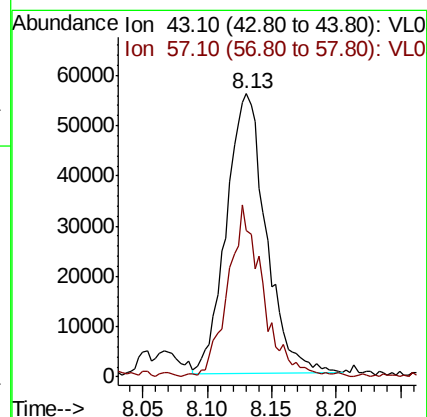
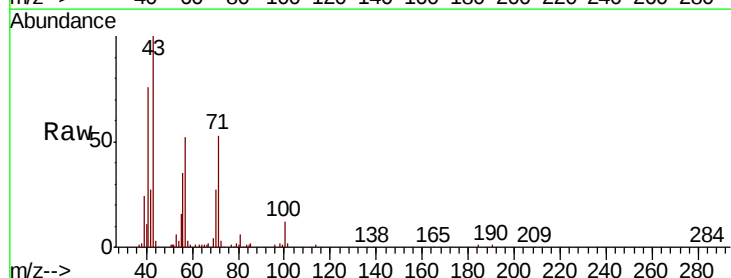
Acq: 8 Jun 2022 16:21

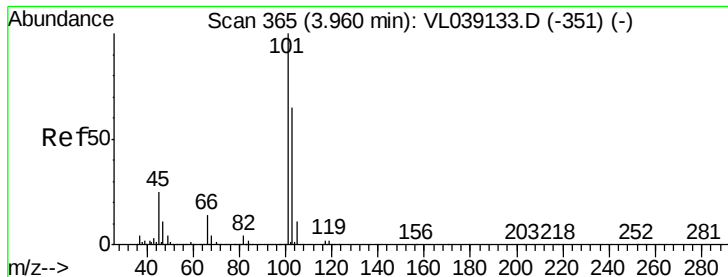
Tgt Ion: 43 Resp: 119026

Ion Ratio Lower Upper

43 100

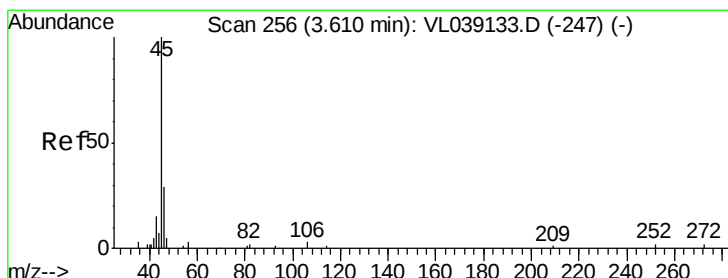
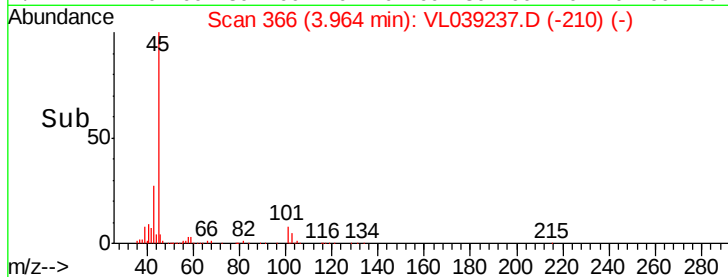
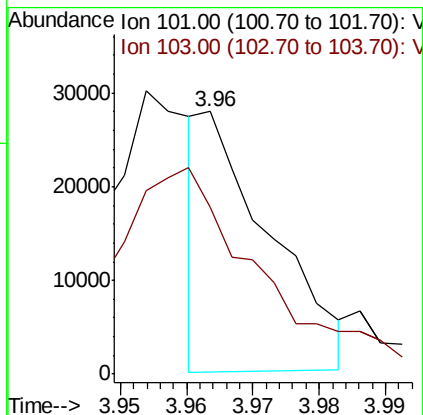
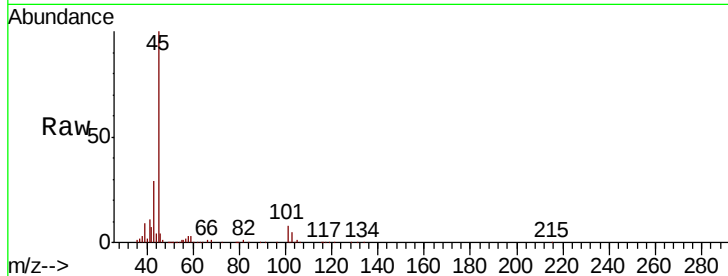
57 54.8 41.4 62.2





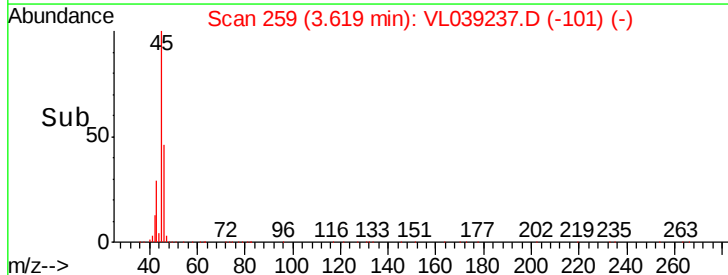
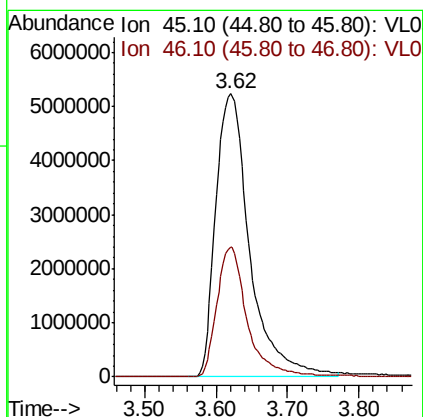
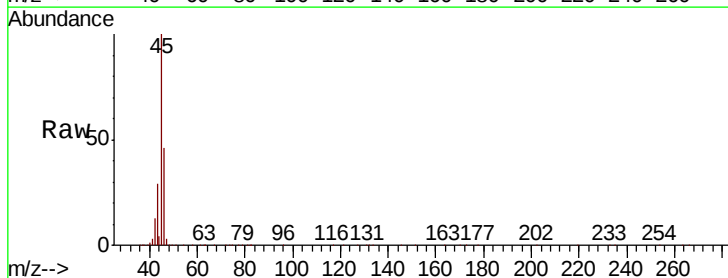
#11
 Trichlorofluoromethane
 Concen: 0.102 ppbv
 RT: 3.96
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 16:21

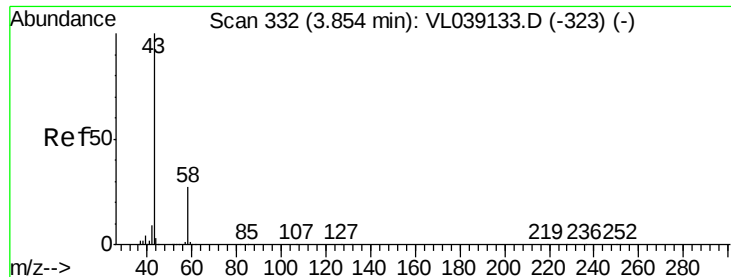
Tot Ion: 101 Resp: 20126
 Ion Ratio Lower Upper
 101 100
 103 58.4 51.7 77.5



#13
 Ethanol
 Concen: 4613.885 ppbv
 RT: 3.62 min Scan# 259
 Delta R.T. 0.01 min
 Lab File: VL039237.D
 Acq: 8 Jun 2022 16:21

Tgt Ion: 45 Resp: 17361174
 Ion Ratio Lower Upper
 45 100
 46 41.8 0.0 0.0#





#15

Acetone

Concen: 10.137 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

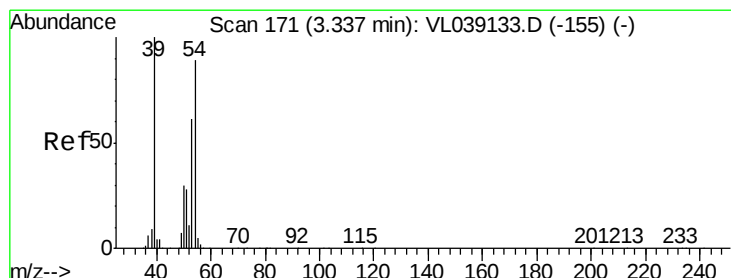
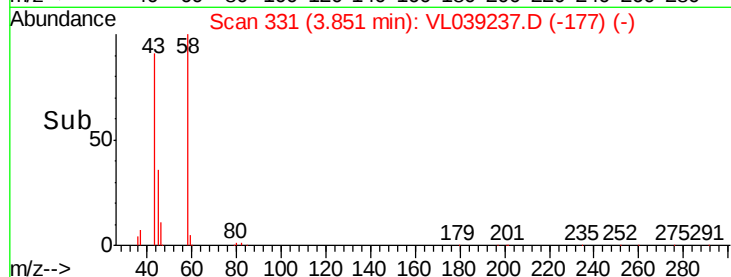
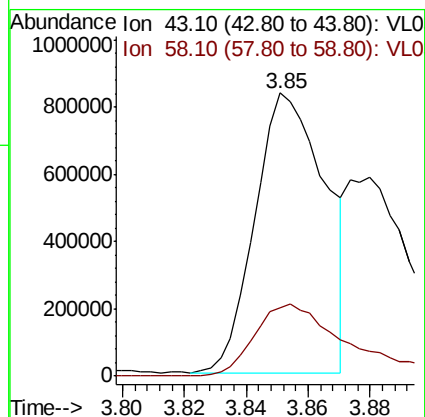
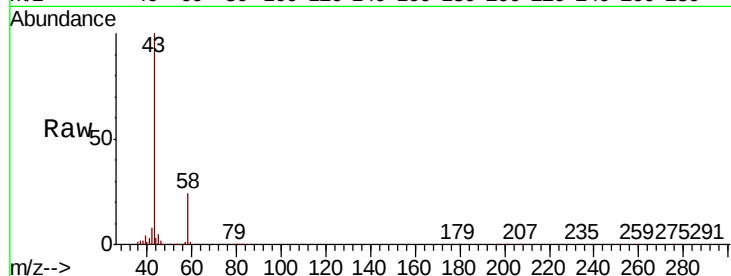
Acq: 8 Jun 2022 16:21

Tot Ion: 43 Resp: 1313160

Ion Ratio Lower Upper

43 100

58 36.2 22.5 33.7#



#16

1,3-Butadiene

Concen: 0.125 ppbv

RT: 3.32 min Scan# 167

Delta R.T. -0.01 min

Lab File: VL039237.D

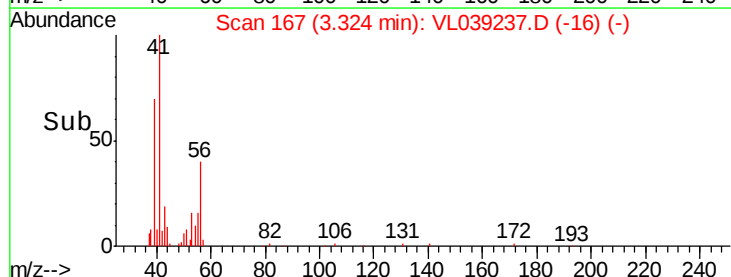
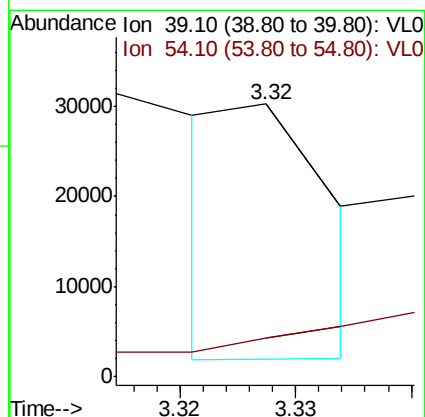
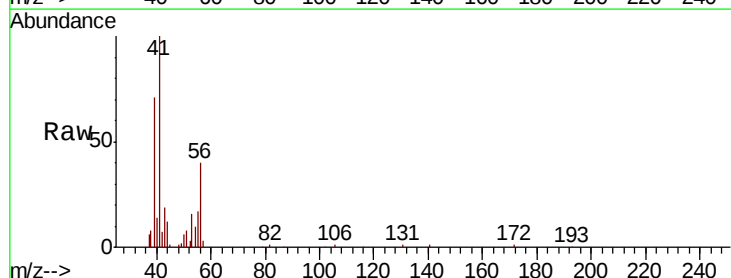
Acq: 8 Jun 2022 16:21

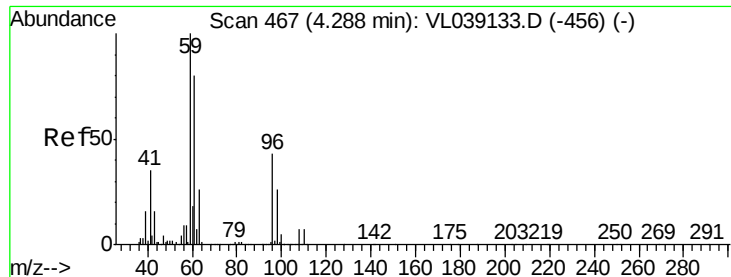
Tgt Ion: 39 Resp: 8731

Ion Ratio Lower Upper

39 100

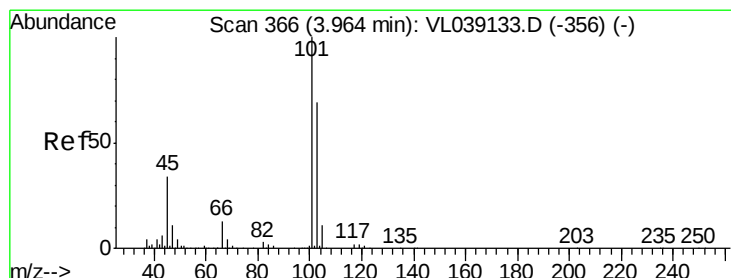
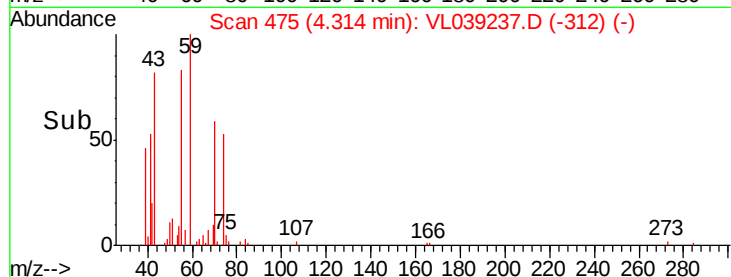
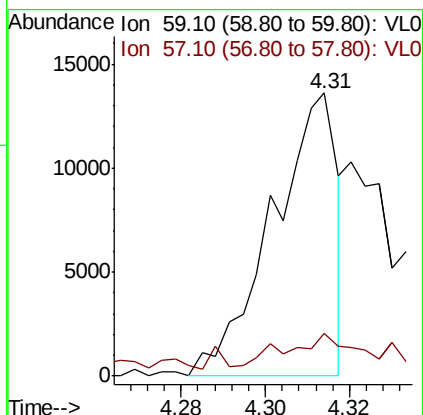
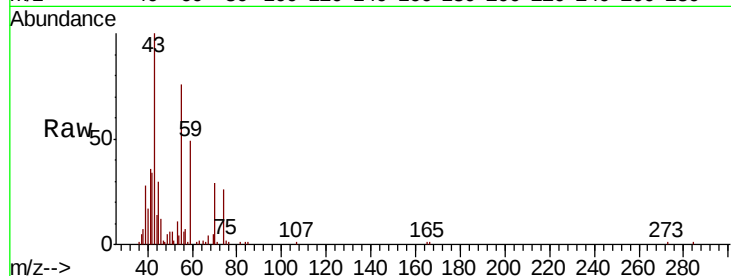
54 230.9 65.8 98.6#





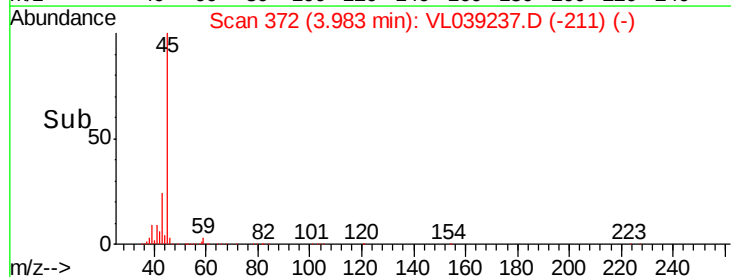
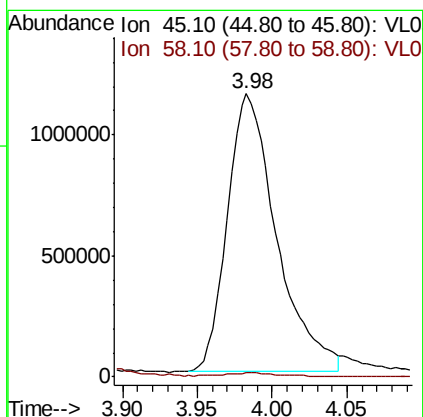
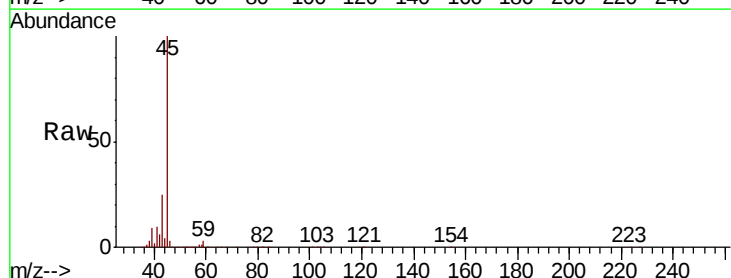
#17
tert-Butyl alcohol
Concen: 0.145 ppbv
RT: 4.31
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Jun 2022 16:21

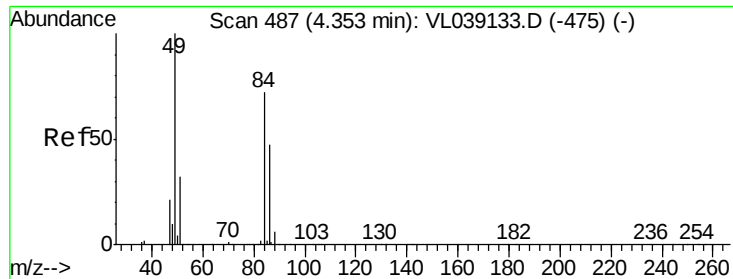
Tot Ion: 59 Resp: 14526
Ion Ratio Lower Upper
59 100
57 0.0 9.1 13.7#



#19
Isopropyl Alcohol
Concen: 43.367 ppbv
RT: 3.98 min Scan# 372
Delta R.T. 0.02 min
Lab File: VL039237.D
Acq: 8 Jun 2022 16:21

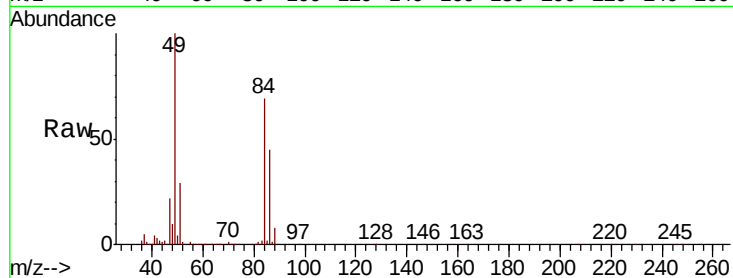
Tgt Ion: 45 Resp: 2635012
Ion Ratio Lower Upper
45 100
58 1.6 1.8 2.8#





#20
Methylene Chloride
Concen: 13.943 ppbv
RT: 4.35
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Jun 2022 16:21

Tot Ion:	84	Resp:	761209
Ion	Ratio	Lower	Upper
84	100		
49	145.4	111.1	166.7
51	42.1	35.3	52.9
86	66.2	51.9	77.9



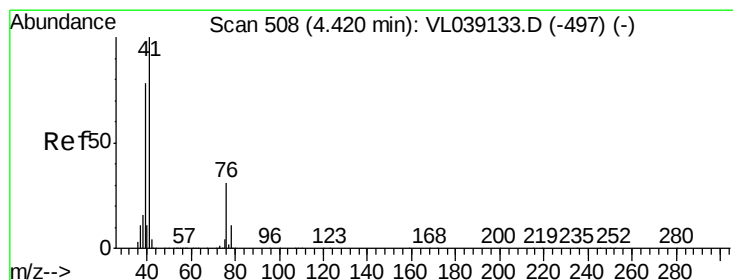
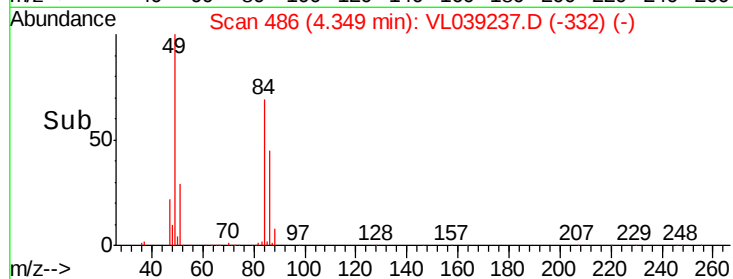
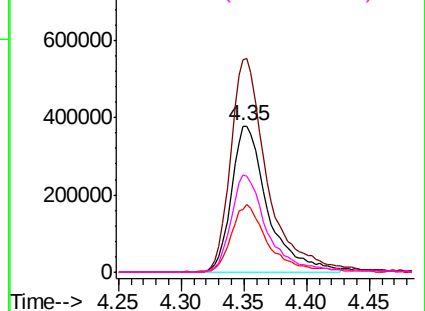
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

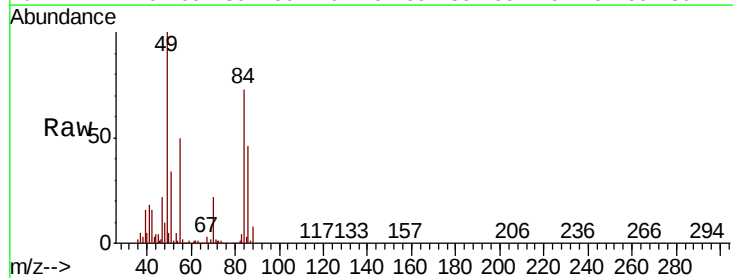
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#21
Allyl Chloride
Concen: 0.282 ppbv
RT: 4.38 min Scan# 494
Delta R.T. -0.05 min
Lab File: VL039237.D
Acq: 8 Jun 2022 16:21

Tgt Ion:	41	Resp:	24632
Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.2#
39	204.5	62.2	93.2#

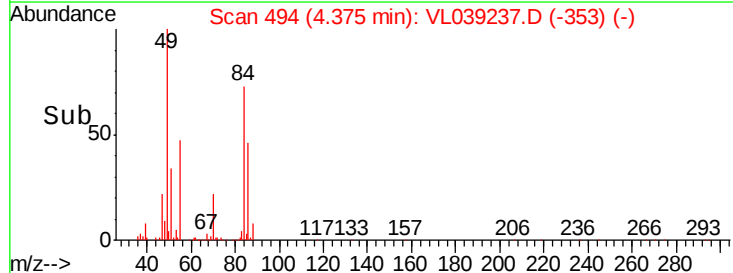
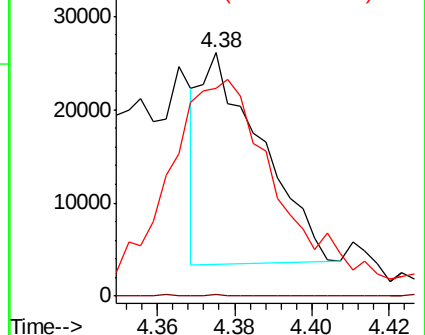


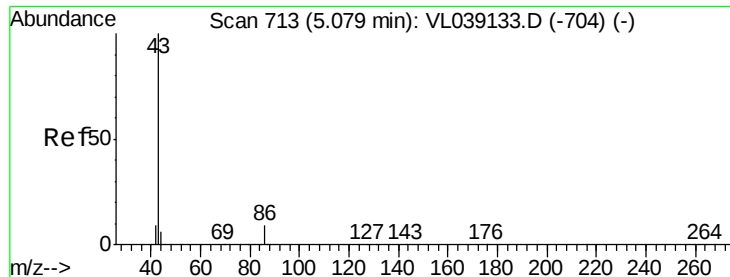
Abundance

Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0





#23

Vinyl Acetate

Concen: 1.952 ppbv

RT: 5.07 Instrument:

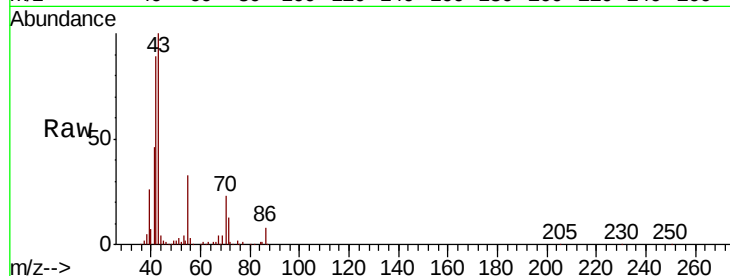
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Jun 2022 16:21

Tot Ion: 43 Resp: 209171

Ion	Ratio	Lower	Upper
43	100		
86	7.5	6.0	9.0
42	89.3	8.2	12.4#
44	1.4	4.3	6.5#



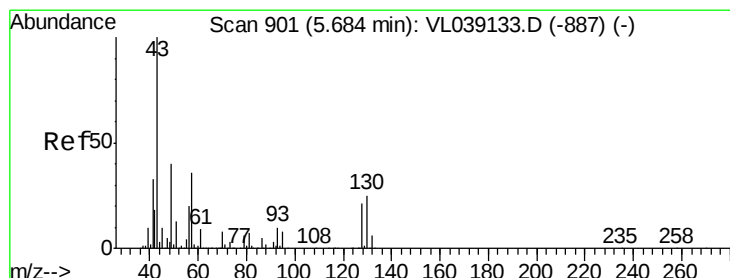
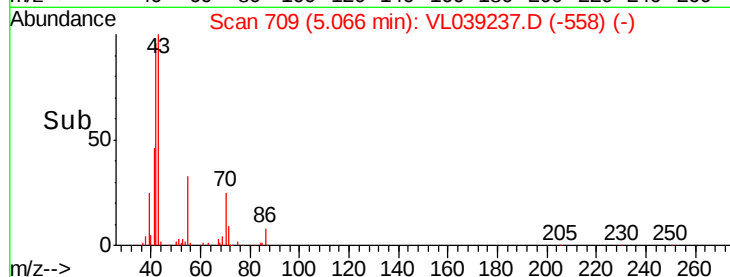
Abundance Ion 43.10 (42.80 to 43.80): VL0

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

Time--> 5.00 5.05 5.10



#25

Ethyl Acetate

Concen: 3.680 ppbv

RT: 5.69 min Scan# 904

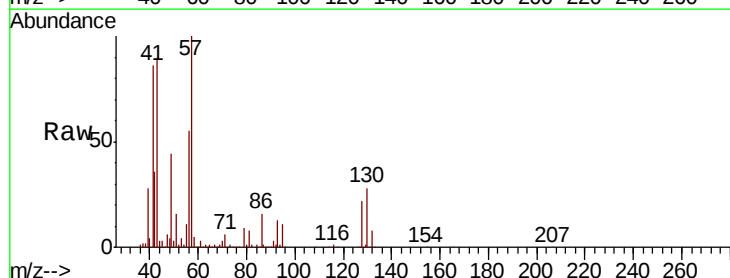
Delta R.T. 0.01 min

Lab File: VL039237.D

Acq: 8 Jun 2022 16:21

Tgt Ion: 43 Resp: 1074581

Ion	Ratio	Lower	Upper
43	100		
45	5.5	8.2	12.2#
61	4.6	8.4	12.6#
70	4.0	5.6	8.4#



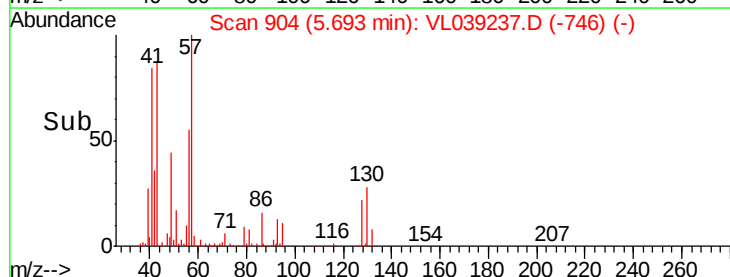
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

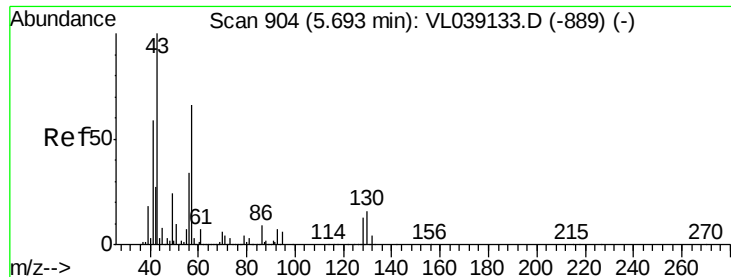
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0

Time--> 5.60 5.70 5.80

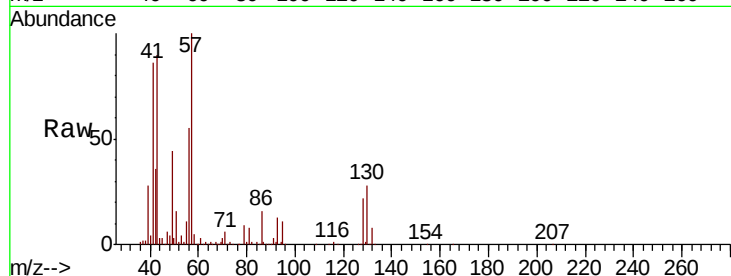


Time--> 5.60 5.70 5.80



#26
Hexane
Concen: 8.106 ppbv
RT: 5.69
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Jun 2022 16:21

Tot Ion	57	Resp	1040057
Ion	Ratio	Lower	Upper
57	100		
41	91.5	72.4	108.6
43	104.6	187.0	280.6#
56	54.2	41.8	62.6



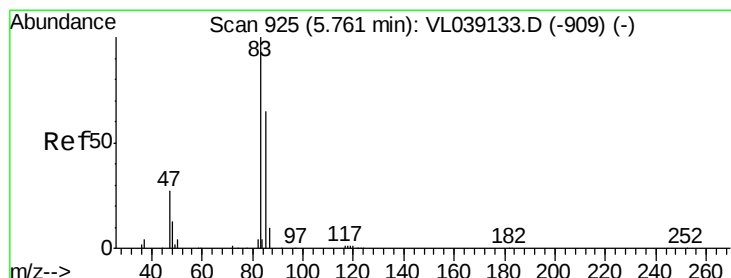
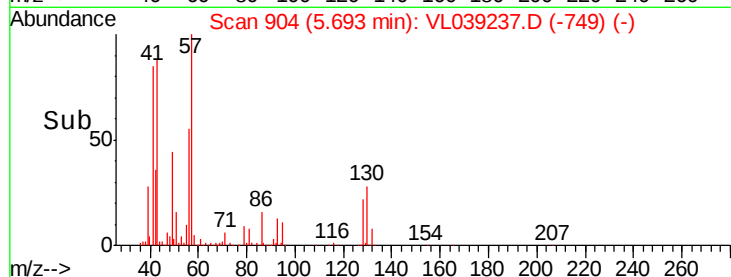
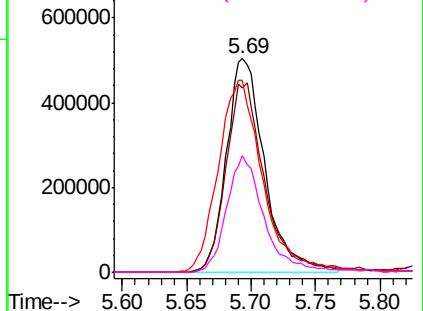
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

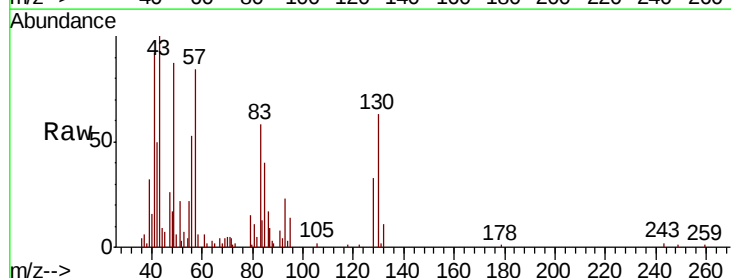
Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#29
Chloroform
Concen: 0.045 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.01 min
Lab File: VL039237.D
Acq: 8 Jun 2022 16:21

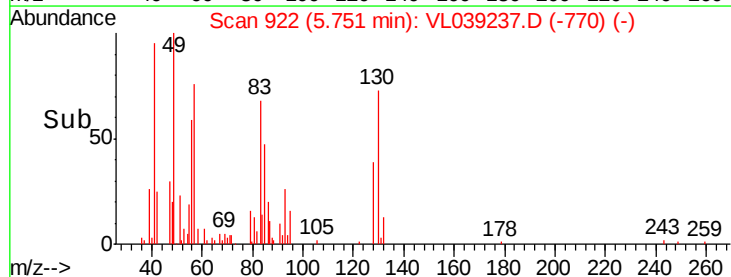
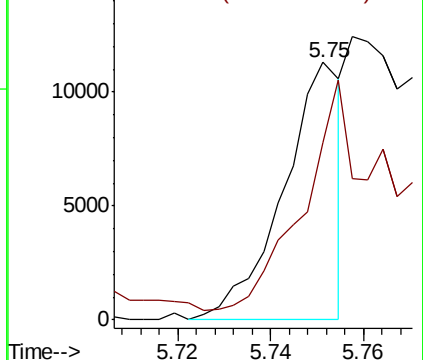
Tgt Ion	83	Resp	9811
Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.4	78.6

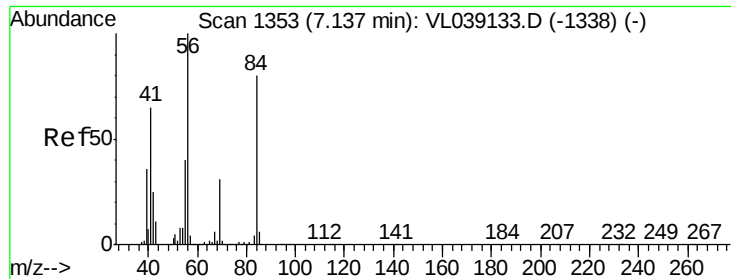


Abundance

Ion 83.00 (82.70 to 83.70): VL0

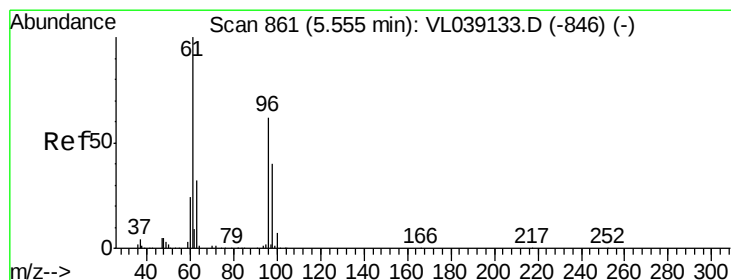
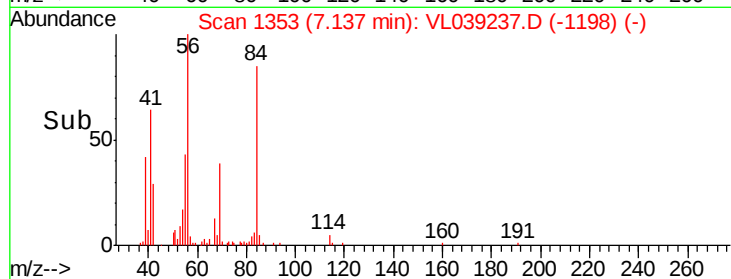
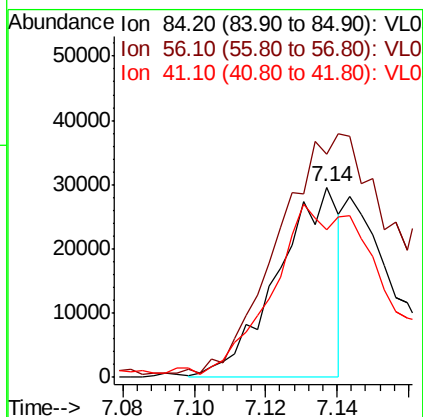
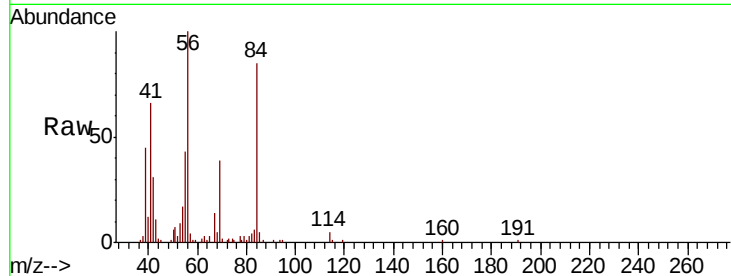
Ion 85.00 (84.70 to 85.70): VL0





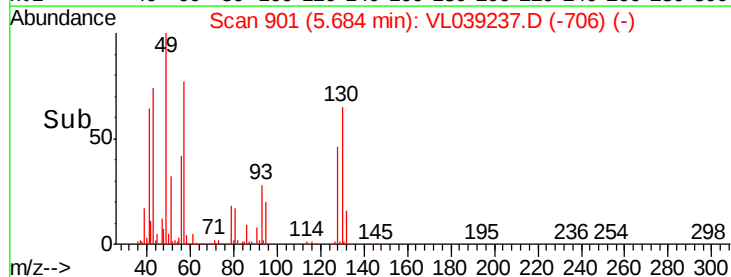
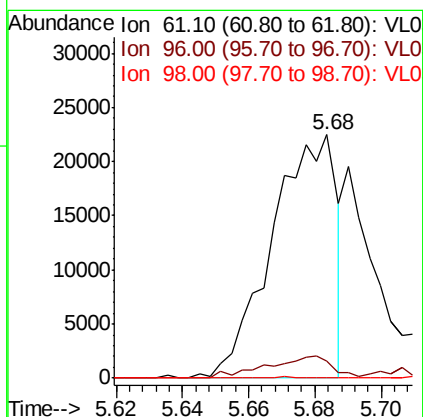
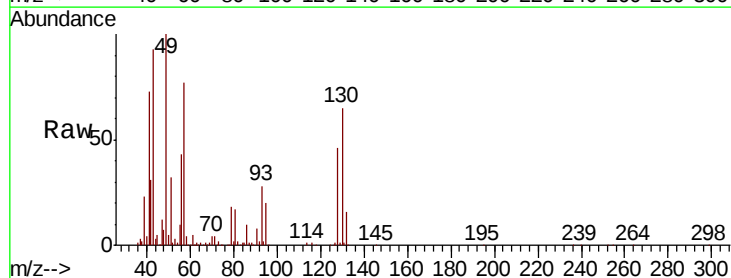
#30
Cvclohexane
Concen: 0.326 ppbv
RT: 7.14
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Jun 2022 16:21

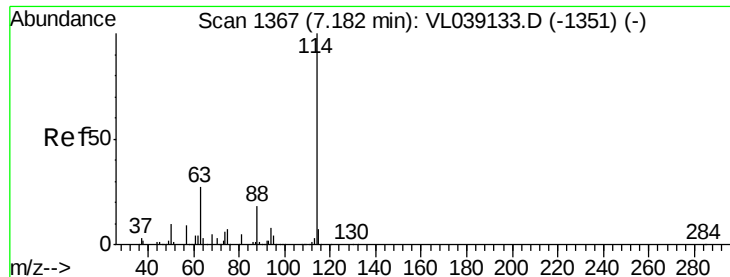
Tot Ion	84	Resp	35091
Ion Ratio	Lower	Upper	
84	100		
56	0.0	110.6	165.8#
41	171.4	68.9	103.3#



#31
cis-1,2-Dichloroethene
Concen: 0.233 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.13 min
Lab File: VL039237.D
Acq: 8 Jun 2022 16:21

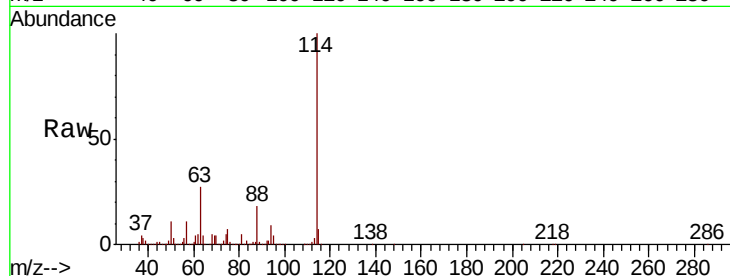
Tgt Ion	61	Resp	30421
Ion Ratio	Lower	Upper	
61	100		
96	7.3	49.9	74.9#
98	0.0	32.0	48.0#



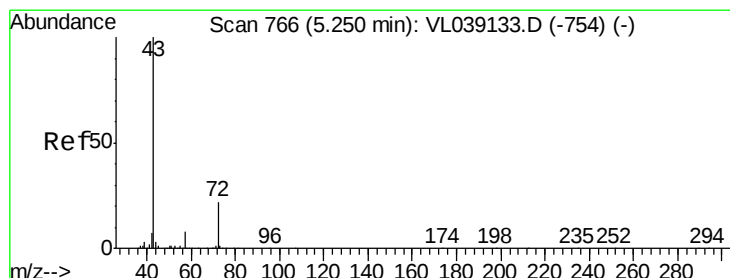
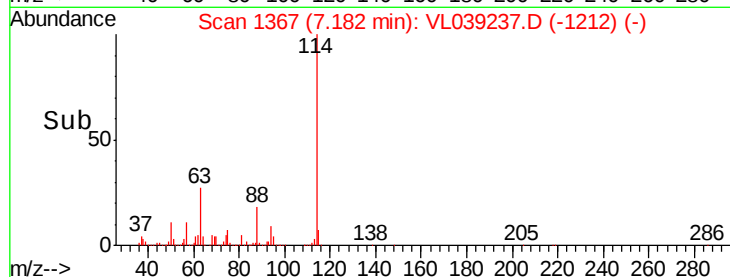
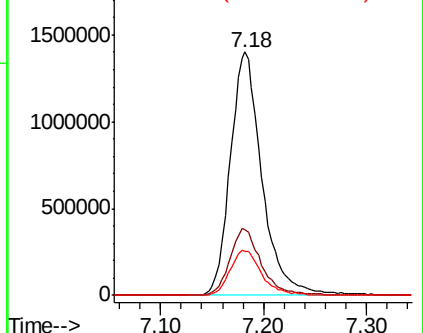


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 16:21

Tot Ion:114 Resp: 2988577
 Ion Ratio Lower Upper
 114 100
 63 27.4 21.7 32.5
 88 18.8 14.8 22.2

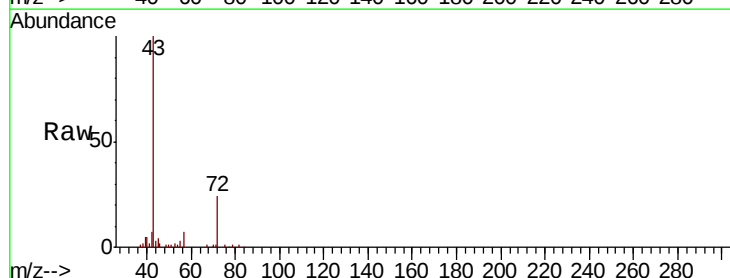


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

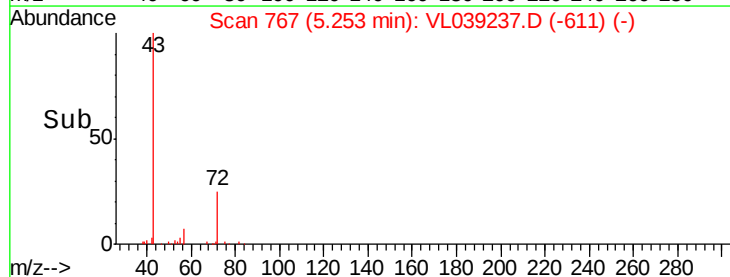
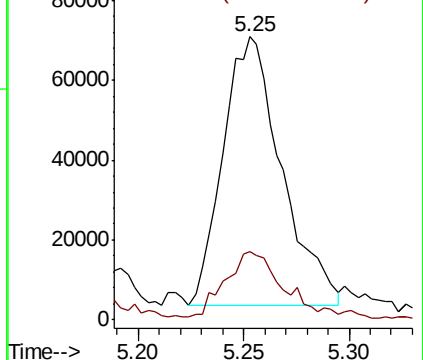


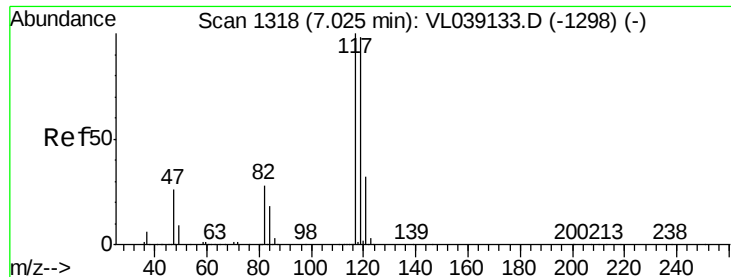
#34
 2-Butanone
 Concen: 0.795 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VL039237.D
 Acq: 8 Jun 2022 16:21

Tgt Ion: 43 Resp: 129016
 Ion Ratio Lower Upper
 43 100
 72 28.2 18.2 27.2#



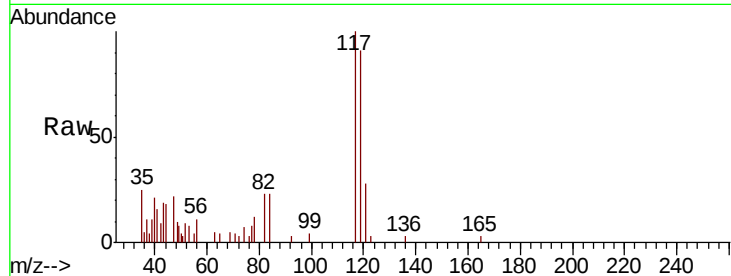
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



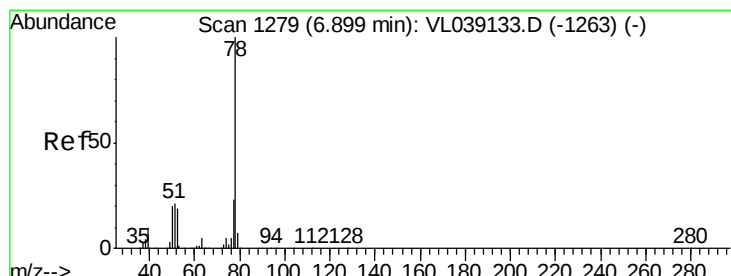
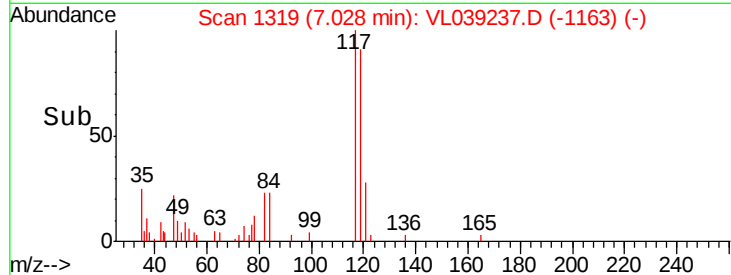
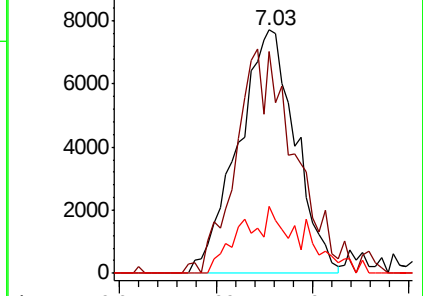


#35
 Carbon Tetrachloride
 Concen: 0.073 ppbv
 RT: 7.03
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 16:21

Tot Ion	117	Resp	16014
Ion Ratio	Lower	Upper	
117	100		
119	87.5	78.6	118.0
121	27.6	25.4	38.0

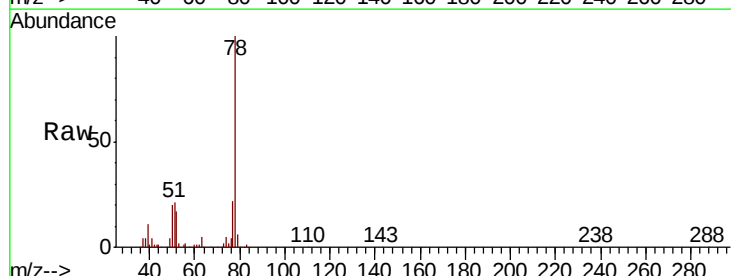


Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V
 Ion 121.00 (120.70 to 121.70): V

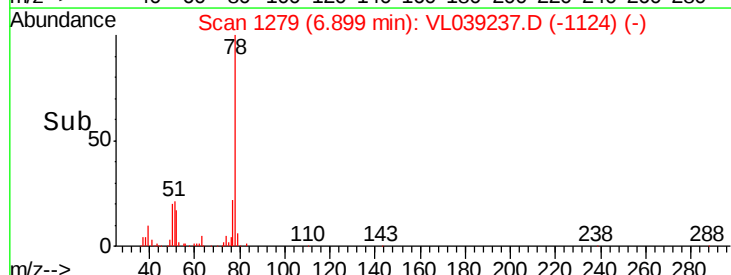
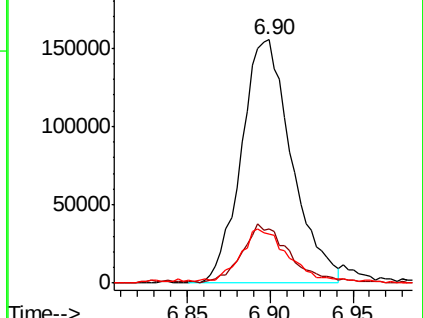


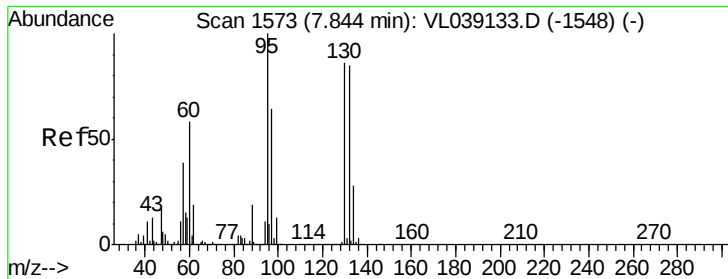
#36
 Benzene
 Concen: 1.346 ppbv
 RT: 6.90 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: VL039237.D
 Acq: 8 Jun 2022 16:21

Tgt Ion	78	Resp	326456
Ion Ratio	Lower	Upper	
78	100		
77	21.8	18.6	27.8
50	18.5	15.8	23.8



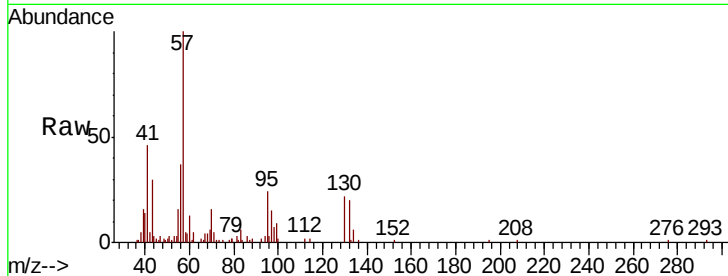
Abundance Ion 78.10 (77.80 to 78.80): VL0
 Ion 77.10 (76.80 to 77.80): VL0
 Ion 50.10 (49.80 to 50.80): VL0



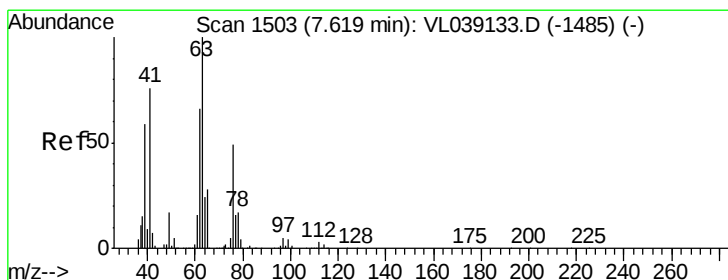
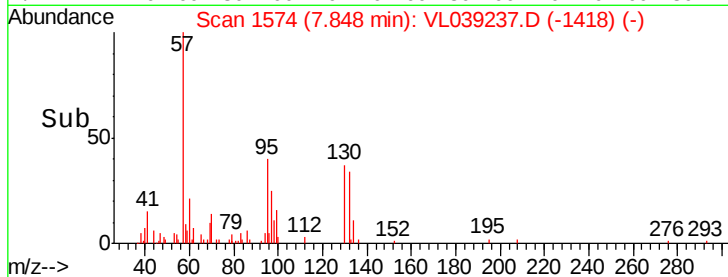
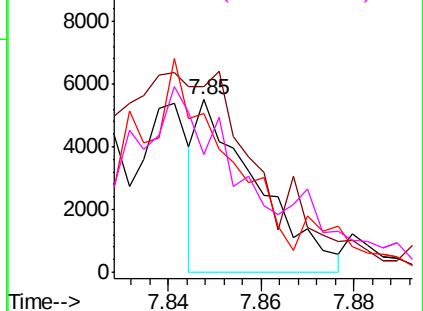


#38
 Trichloroethene
 Concen: 0.044 ppbv
 RT: 7.85
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 16:21

Tot Ion:130 Resp: 4917
 Ion Ratio Lower Upper
 130 100
 95 100.9 93.3 139.9
 132 73.8 79.0 118.4#
 97 49.4 59.4 89.2#

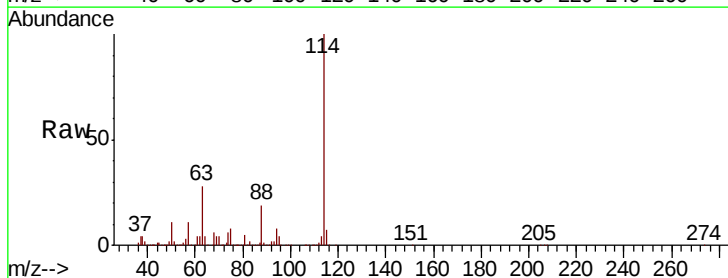


Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): VL0

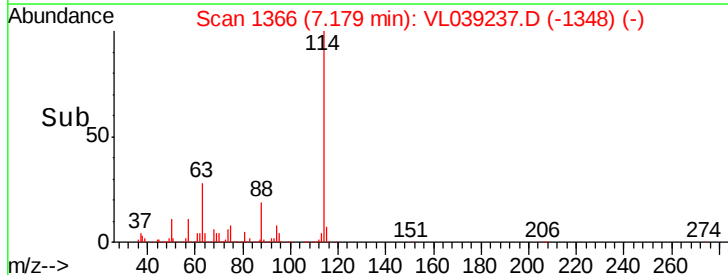
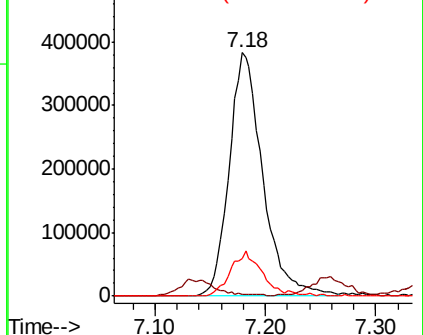


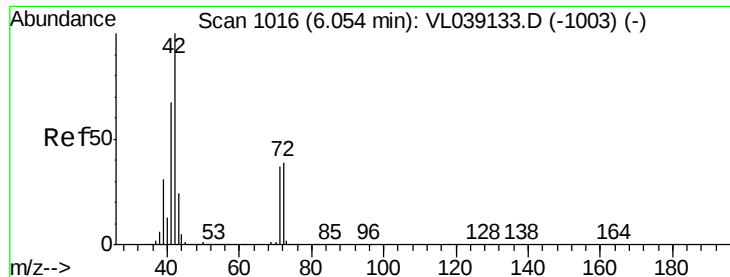
#39
 1,2-Dichloropropane
 Concen: 8.375 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.44 min
 Lab File: VL039237.D
 Acq: 8 Jun 2022 16:21

Tgt Ion: 63 Resp: 808279
 Ion Ratio Lower Upper
 63 100
 41 0.0 60.8 91.2#
 62 15.5 52.9 79.3#



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





#41

Tetrahydrofuran

Concen: 0.054 ppbv

RT: 6.03 Instrument:

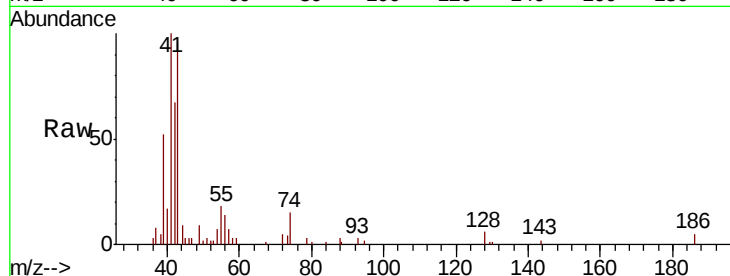
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

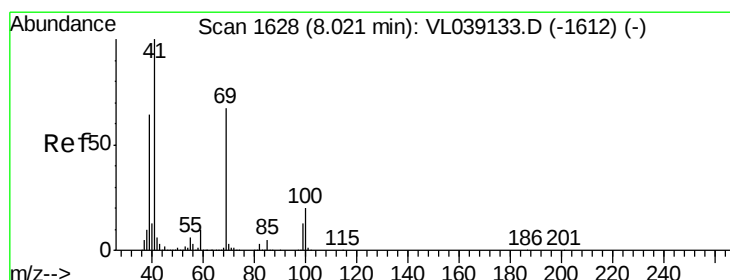
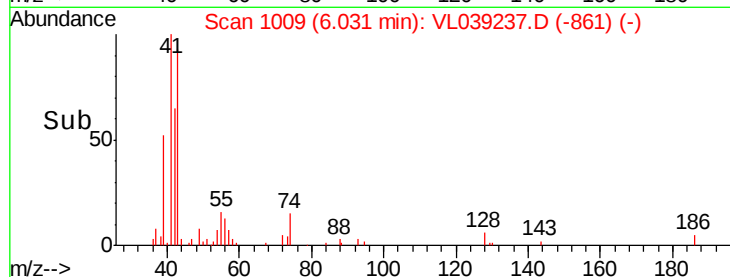
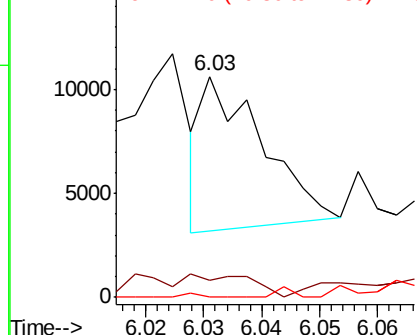
Acq: 8 Jun 2022 16:21

Tot Ion: 42 Resp: 5290

Ion	Ratio	Lower	Upper
42	100		
72	25.7	32.0	48.0#
71	0.0	31.1	46.7#



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#43

Methyl Methacrylate

Concen: 0.091 ppbv

RT: 8.01 min Scan# 1625

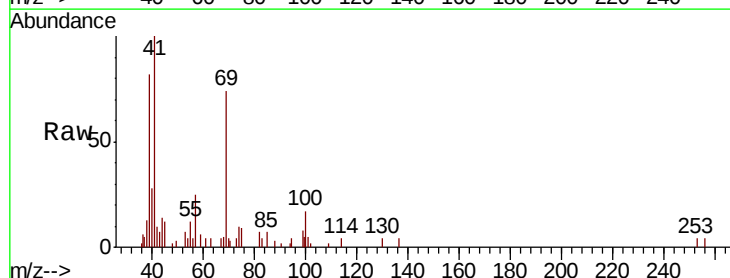
Delta R.T. -0.01 min

Lab File: VL039237.D

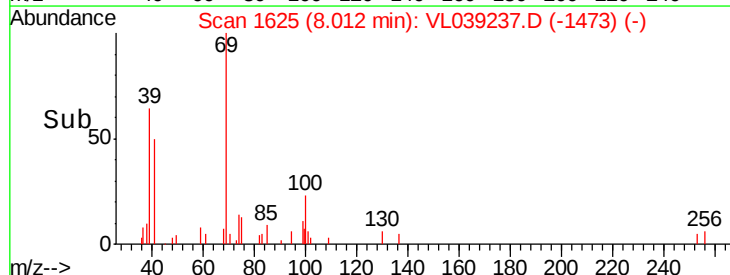
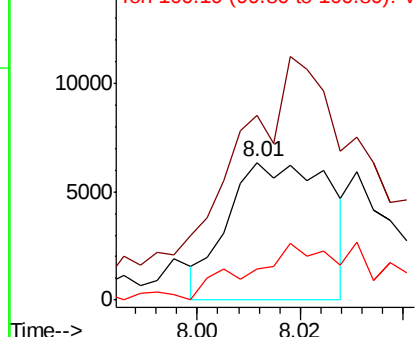
Acq: 8 Jun 2022 16:21

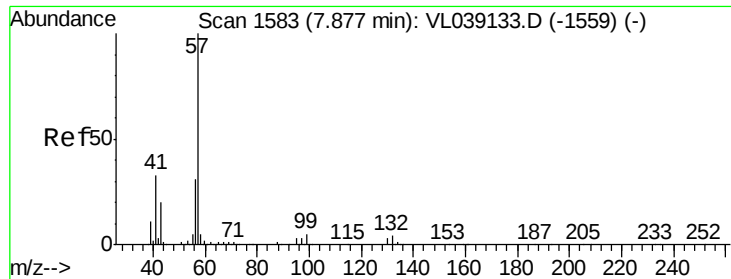
Tgt Ion: 69 Resp: 8633

Ion	Ratio	Lower	Upper
69	100		
41	301.3	121.9	182.9#
100	0.0	24.1	36.1#



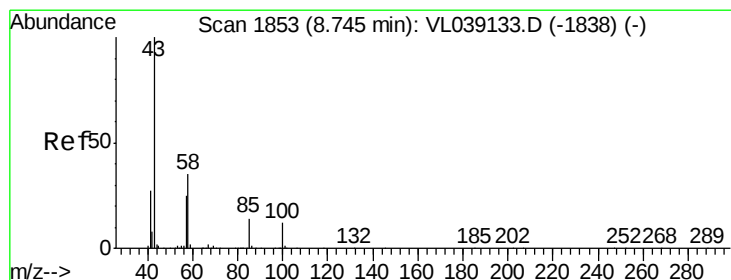
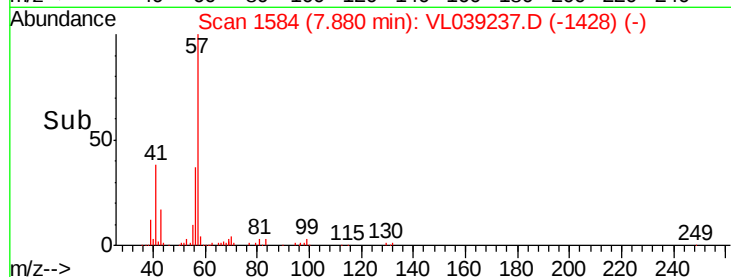
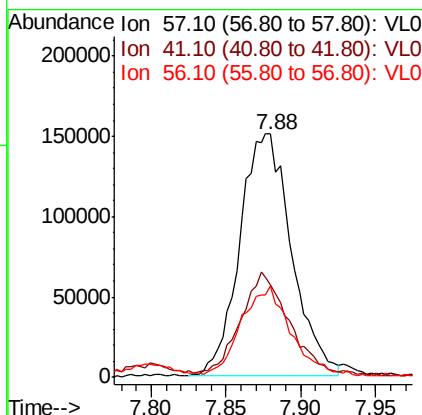
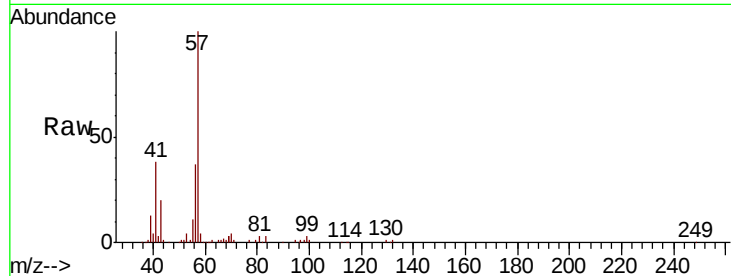
Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0





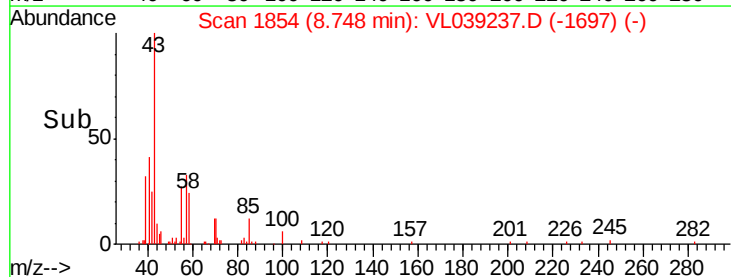
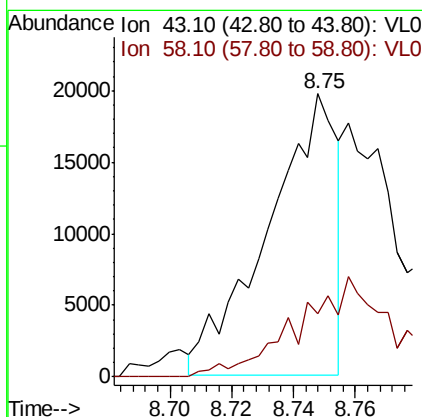
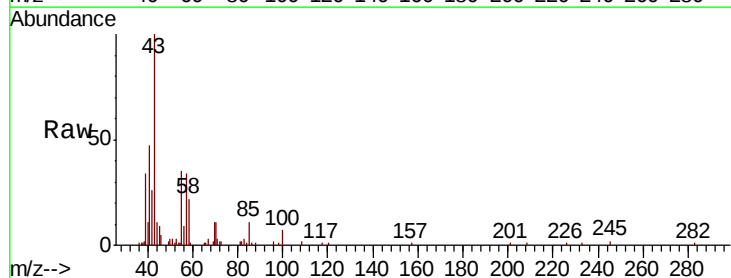
#44
 2,2,4-Trimethylpentane
 Concen: 0.858 ppbv
 RT: 7.88
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 16:21

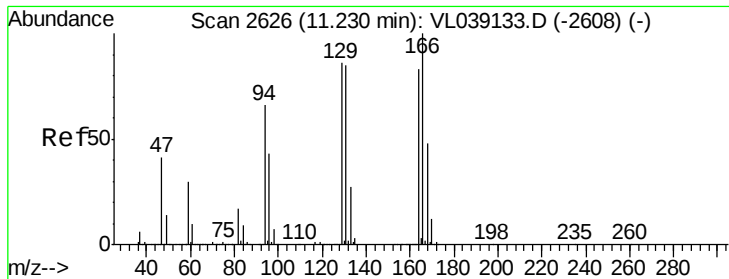
Tot Ion	57	Resp	364005
Ion Ratio	Lower	Upper	
57	100		
41	41.8	26.2	39.4#
56	37.2	24.7	37.1#



#50
 4-Methyl-2-Pentanone
 Concen: 0.125 ppbv
 RT: 8.75 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VL039237.D
 Acq: 8 Jun 2022 16:21

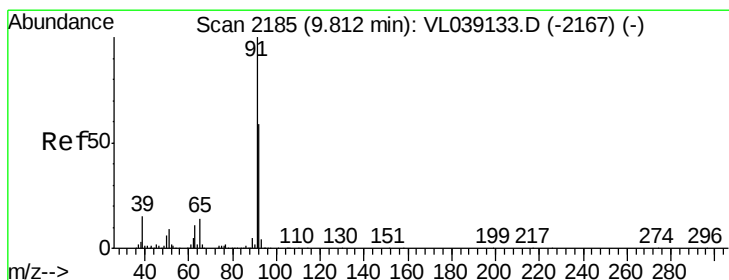
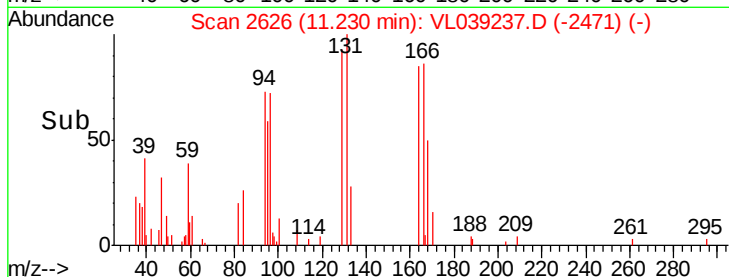
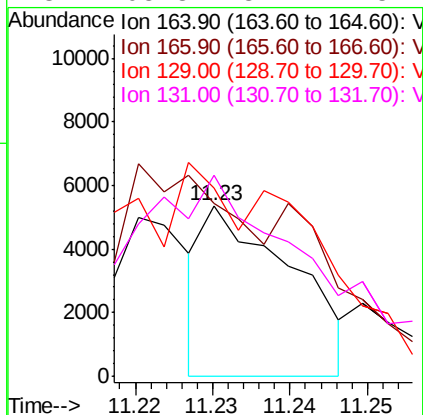
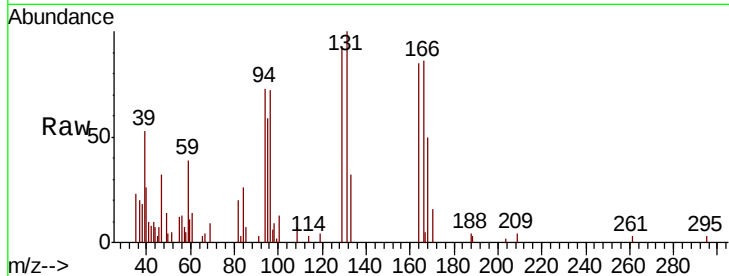
Tgt Ion	43	Resp	30443
Ion Ratio	Lower	Upper	
43	100		
58	0.0	28.7	43.1#





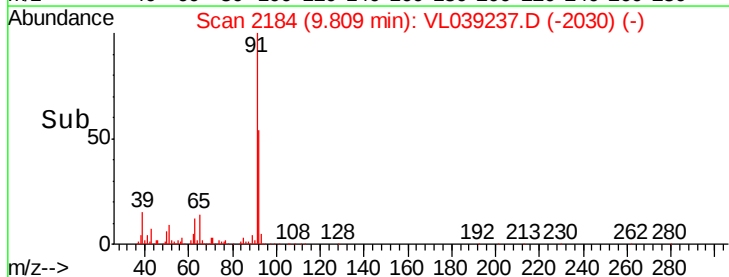
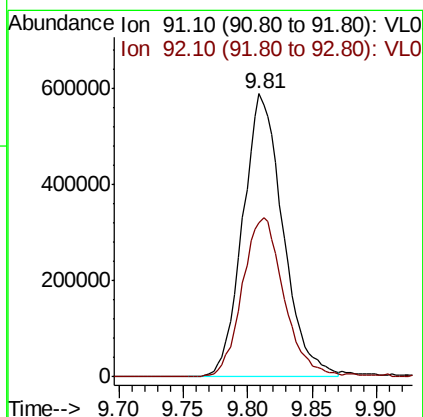
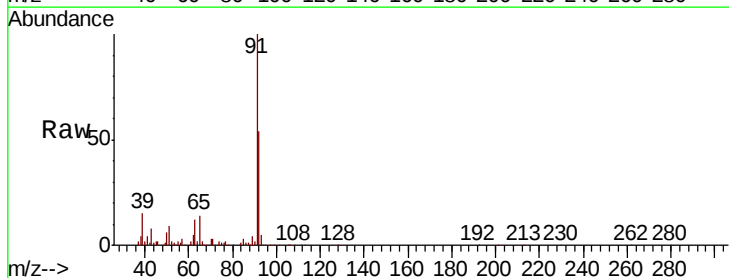
#52
Tetrachloroethene
Concen: 0.045 ppbv
RT: 11.23
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Jun 2022 16:21

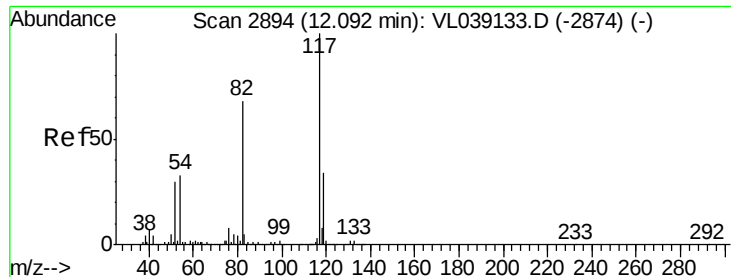
Tot Ion:164 Resp: 4268
Ion Ratio Lower Upper
164 100
166 74.3 96.3 144.5#
129 76.1 82.5 123.7#
131 105.8 82.1 123.1



#53
Toluene
Concen: 4.573 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VL039237.D
Acq: 8 Jun 2022 16:21

Tgt Ion: 91 Resp: 1277742
Ion Ratio Lower Upper
91 100
92 58.6 48.1 72.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Jun 2022 16:21

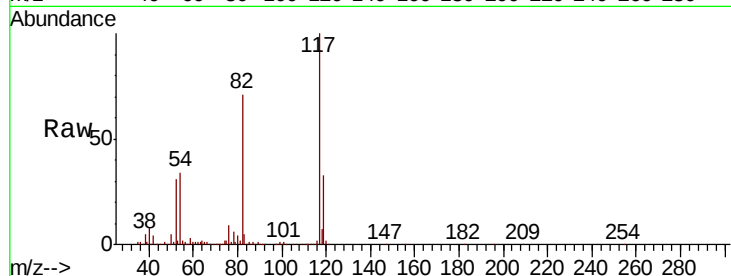
Tot Ion:117 Resp: 2632324

Ion Ratio Lower Upper

117 100

82 71.6 55.1 82.7

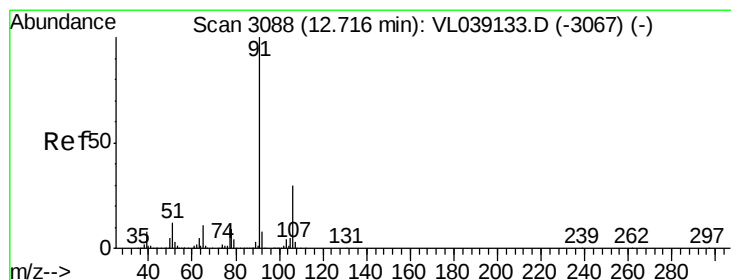
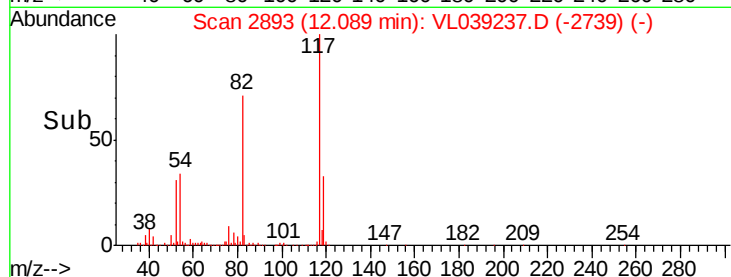
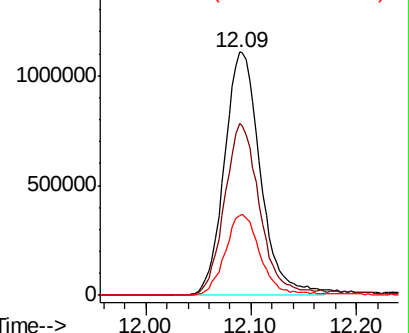
119 33.4 24.7 37.1



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



#58

Ethyl Benzene

Concen: 0.798 ppbv

RT: 12.72 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VL039237.D

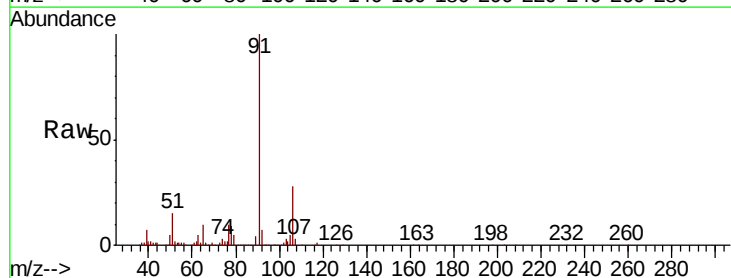
Acq: 8 Jun 2022 16:21

Tgt Ion: 91 Resp: 289336

Ion Ratio Lower Upper

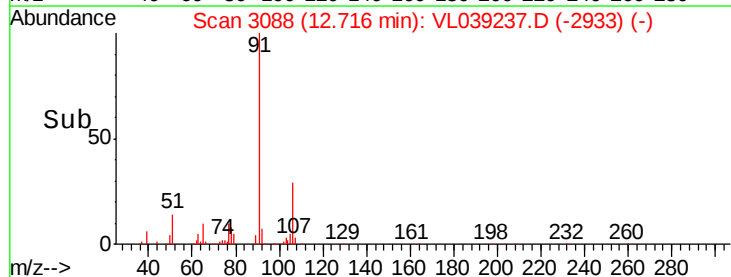
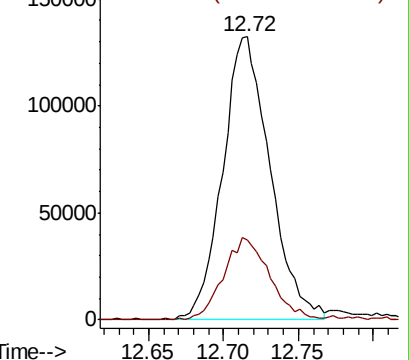
91 100

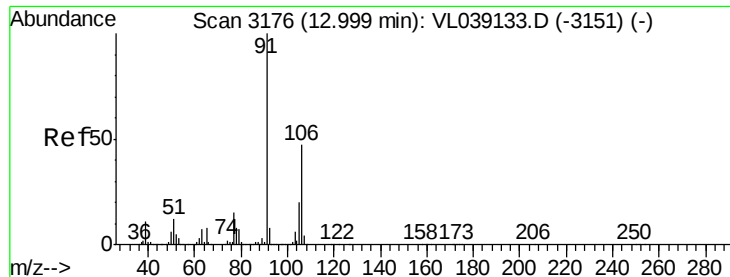
106 28.4 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

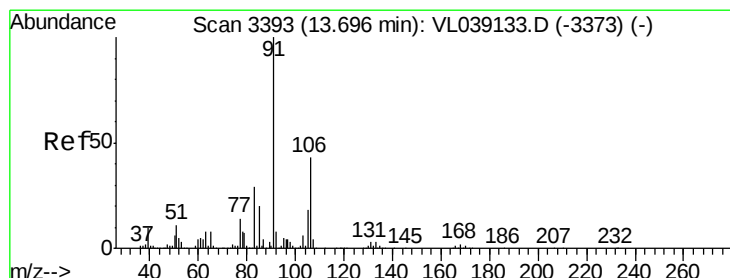
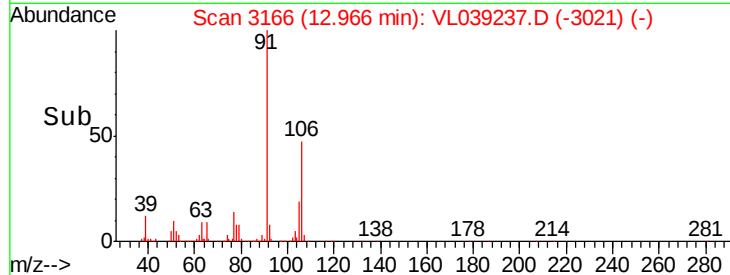
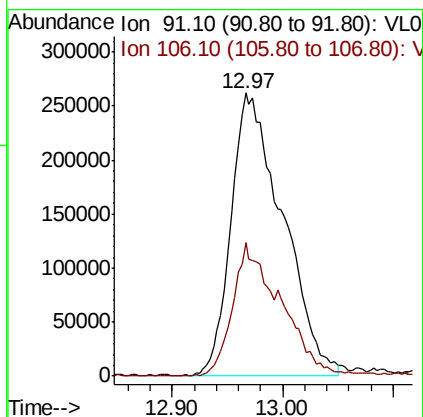
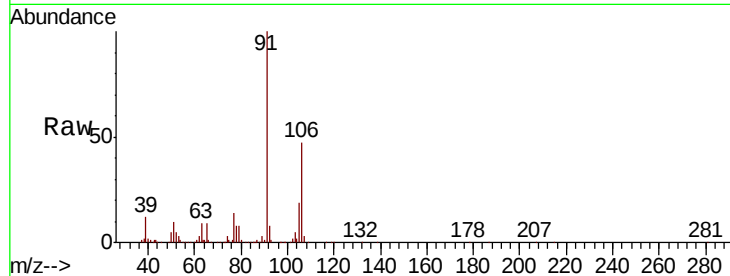
Ion 106.10 (105.80 to 106.80): V





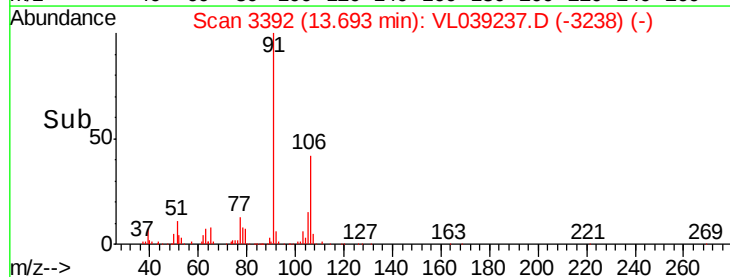
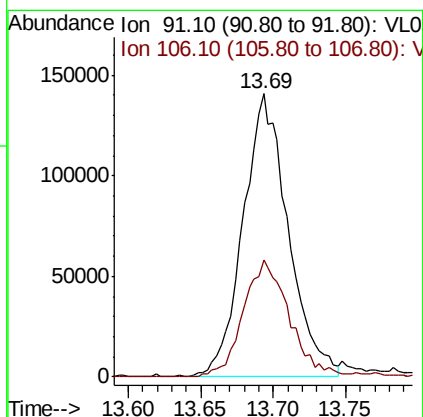
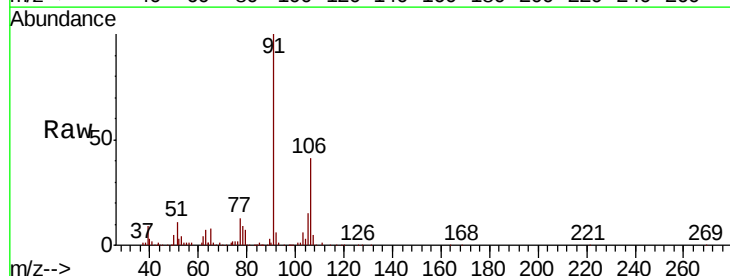
#59
m/p-Xylene
Concen: 2.649 ppbv
RT: 12.97
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Jun 2022 16:21

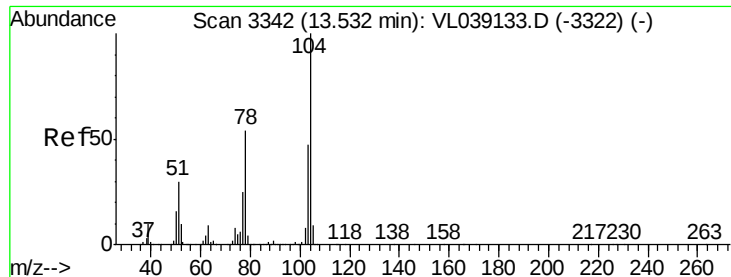
Tot Ion: 91 Resp: 845680
Ion Ratio Lower Upper
91 100
106 44.1 34.3 51.5



#60
o-Xylene
Concen: 1.007 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VL039237.D
Acq: 8 Jun 2022 16:21

Tgt Ion: 91 Resp: 302148
Ion Ratio Lower Upper
91 100
106 43.7 22.3 66.9





#61

Stvrene

Concen: 0.210 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Jun 2022 16:21

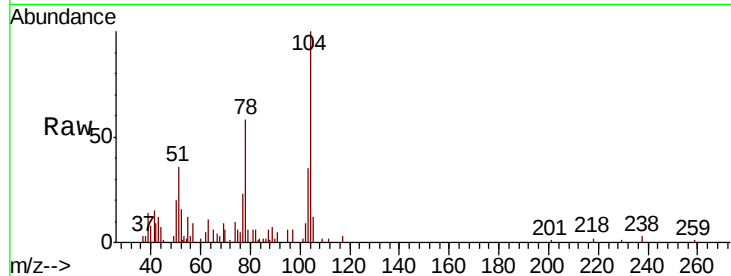
Tot Ion:104 Resp: 33661

Ion Ratio Lower Upper

104 100

78 63.5 45.7 68.5

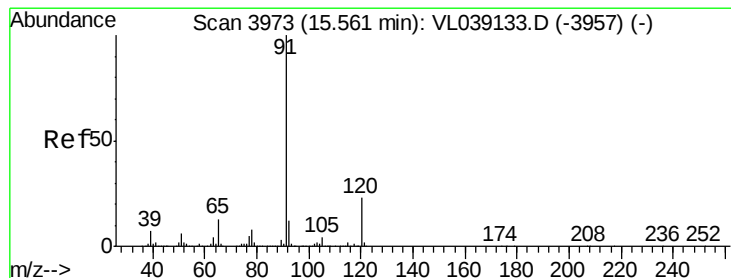
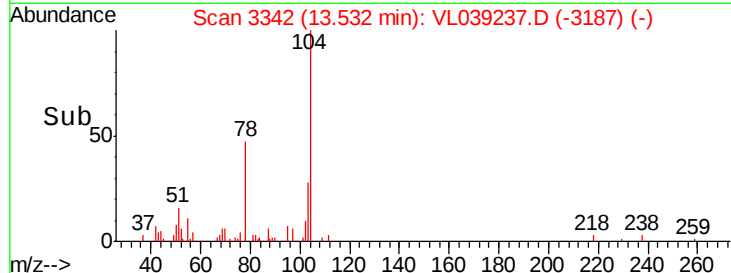
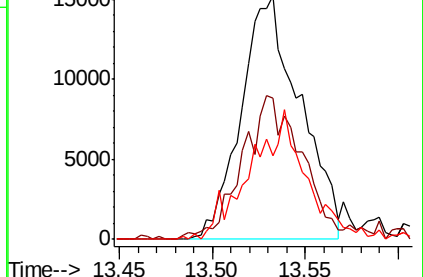
103 50.6 39.6 59.4



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#64

n-propylbenzene

Concen: 0.052 ppbv

RT: 15.56 min Scan# 3972

Delta R.T. -0.00 min

Lab File: VL039237.D

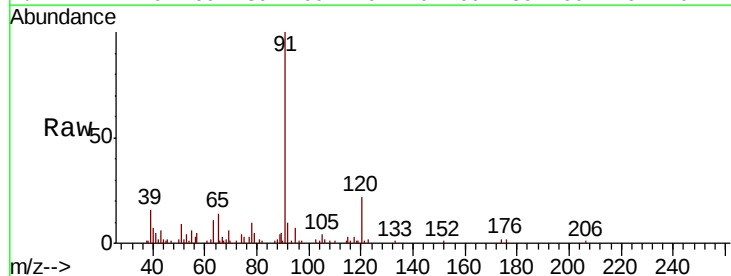
Acq: 8 Jun 2022 16:21

Tgt Ion:120 Resp: 5710

Ion Ratio Lower Upper

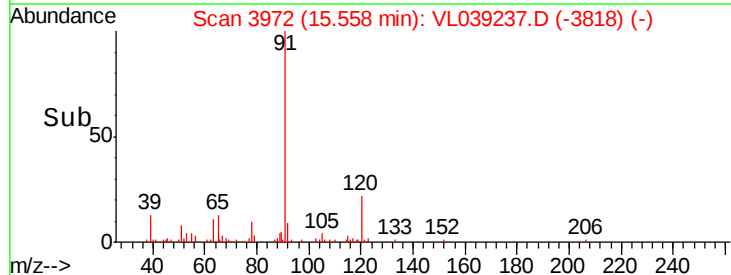
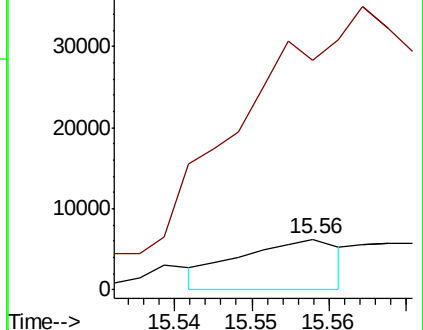
120 100

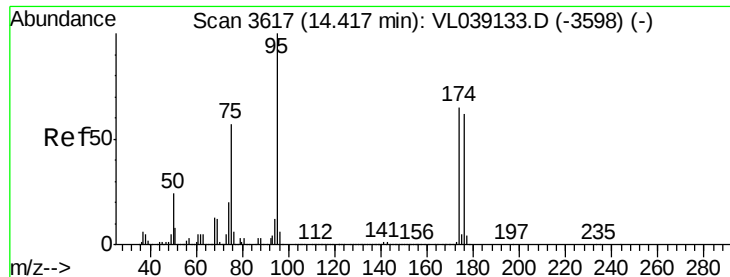
91 0.0 388.4 582.6#



Abundance Ion 120.20 (119.90 to 120.90): V

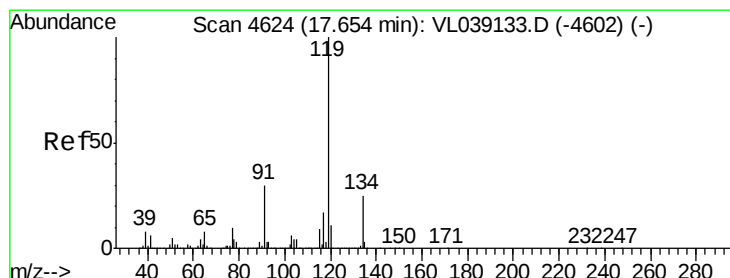
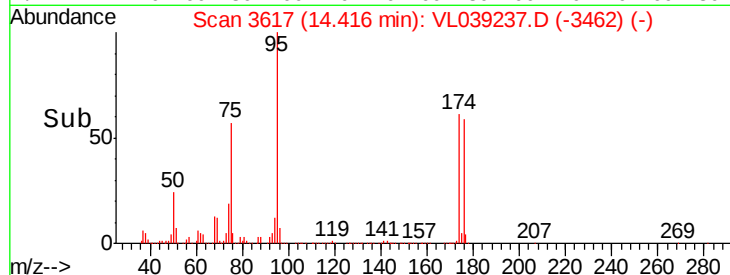
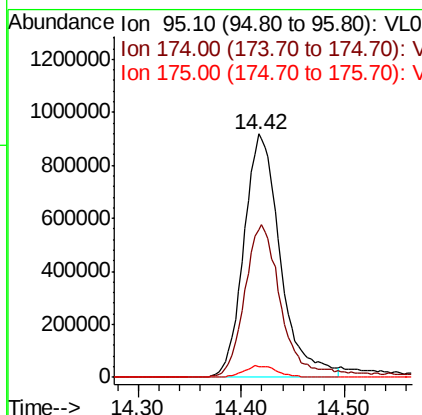
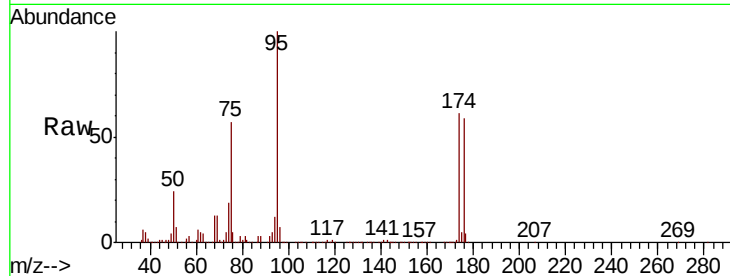
Ion 91.10 (90.80 to 91.80): VL0





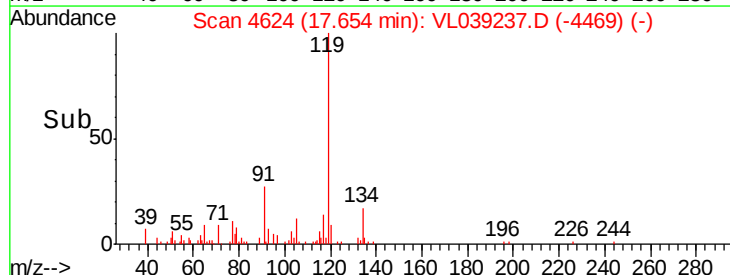
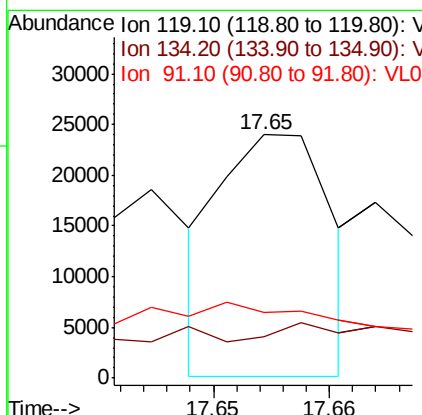
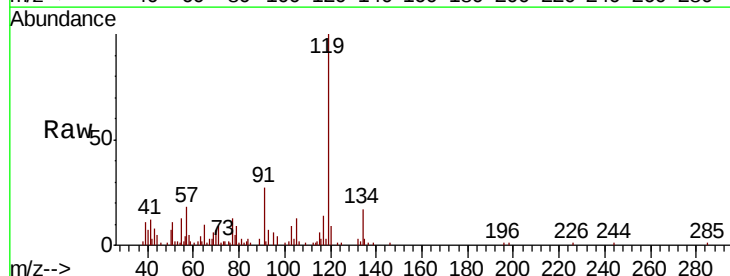
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.378 ppbv
 RT: 14.42 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampled :
 Acq: 8 Jun 2022 16:21

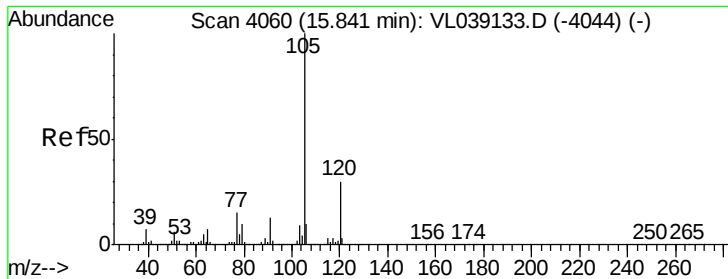
Tot Ion: 95 Resp: 2258563
 Ion Ratio Lower Upper
 95 100
 174 65.6 53.8 80.8
 175 4.7 4.1 6.1



#69
 p-Isopropyltoluene
 Concen: 0.034 ppbv
 RT: 17.65 min Scan# 4624
 Delta R.T.: -0.00 min
 Lab File: VL039237.D
 Acq: 8 Jun 2022 16:21

Tgt Ion: 119 Resp: 15821
 Ion Ratio Lower Upper
 119 100
 134 78.5 20.4 30.6#
 91 136.7 24.2 36.4#





#72

4-Ethyltoluene

Concen: 0.167 ppbv

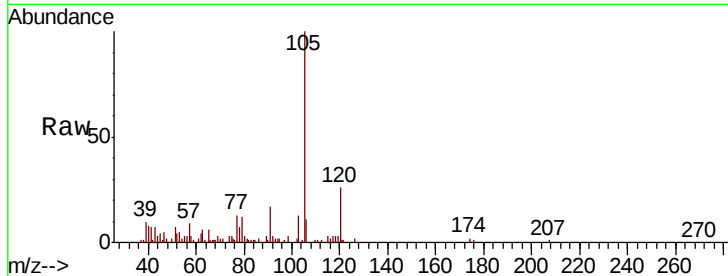
RT: 15.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Jun 2022 16:21

Tot Ion:	105	Resp:	58805
Ion Ratio	Lower	Upper	
105	100		
120	0.0	23.9	35.9#
91	27.9	10.6	16.0#
77	30.8	11.7	17.5#



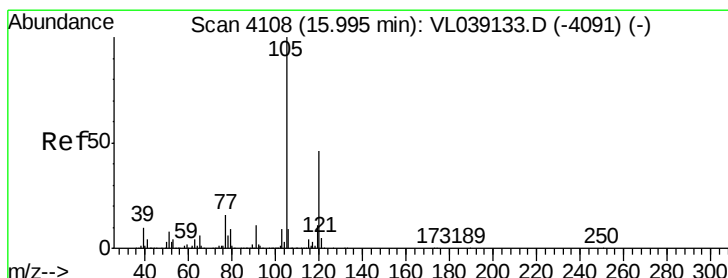
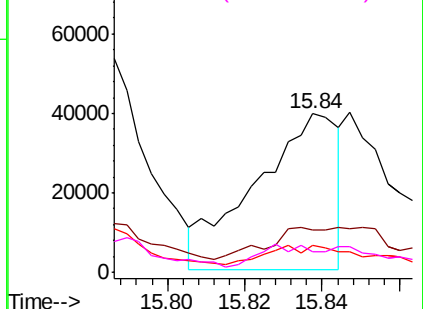
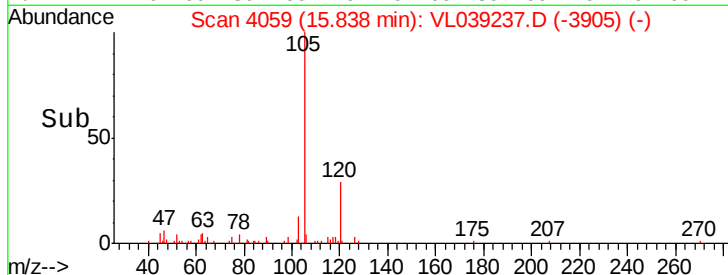
Abundance

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



#73

1,3,5-Trimethylbenzene

Concen: 0.122 ppbv

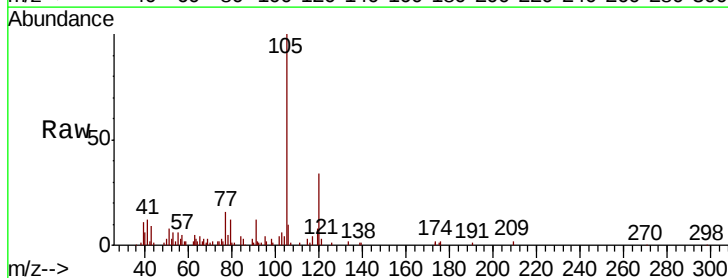
RT: 16.00 min Scan# 4109

Delta R.T. 0.00 min

Lab File: VL039237.D

Acq: 8 Jun 2022 16:21

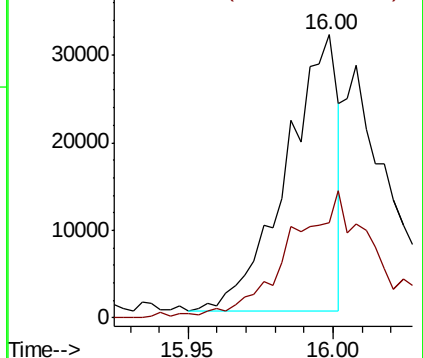
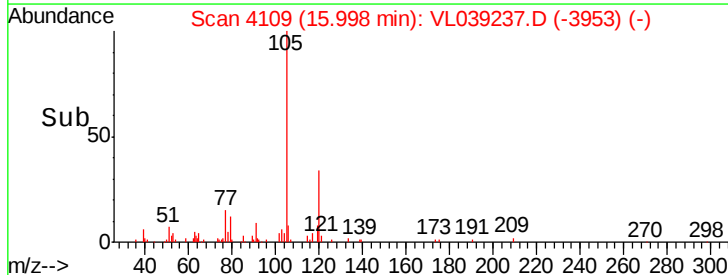
Tgt Ion:	105	Resp:	38620
Ion Ratio	Lower	Upper	
105	100		
120	33.3	36.7	55.1#

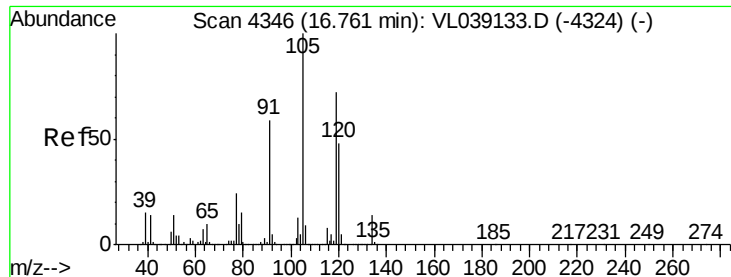


Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74
 1,2,4-Trimethylbenzene
 Concen: 0.695 ppbv
 RT: 16.77
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 16.21

Tot Ion:	105	Resp:	246087
Ion Ratio	Lower	Upper	
105	100		
120	36.2	38.1	57.1#
91	11.8	47.4	71.0#
77	13.7	19.5	29.3#

