

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061322\
 Data File : VL039257.D
 Acq On : 13 Jun 2022 18:33
 Operator : SY/AP
 Sample : N3330-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 OTC-IAZDUP

Quant Time: Jun 14 01:31:39 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	1385241	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2973110	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2406542	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2120759	10.66	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.60%

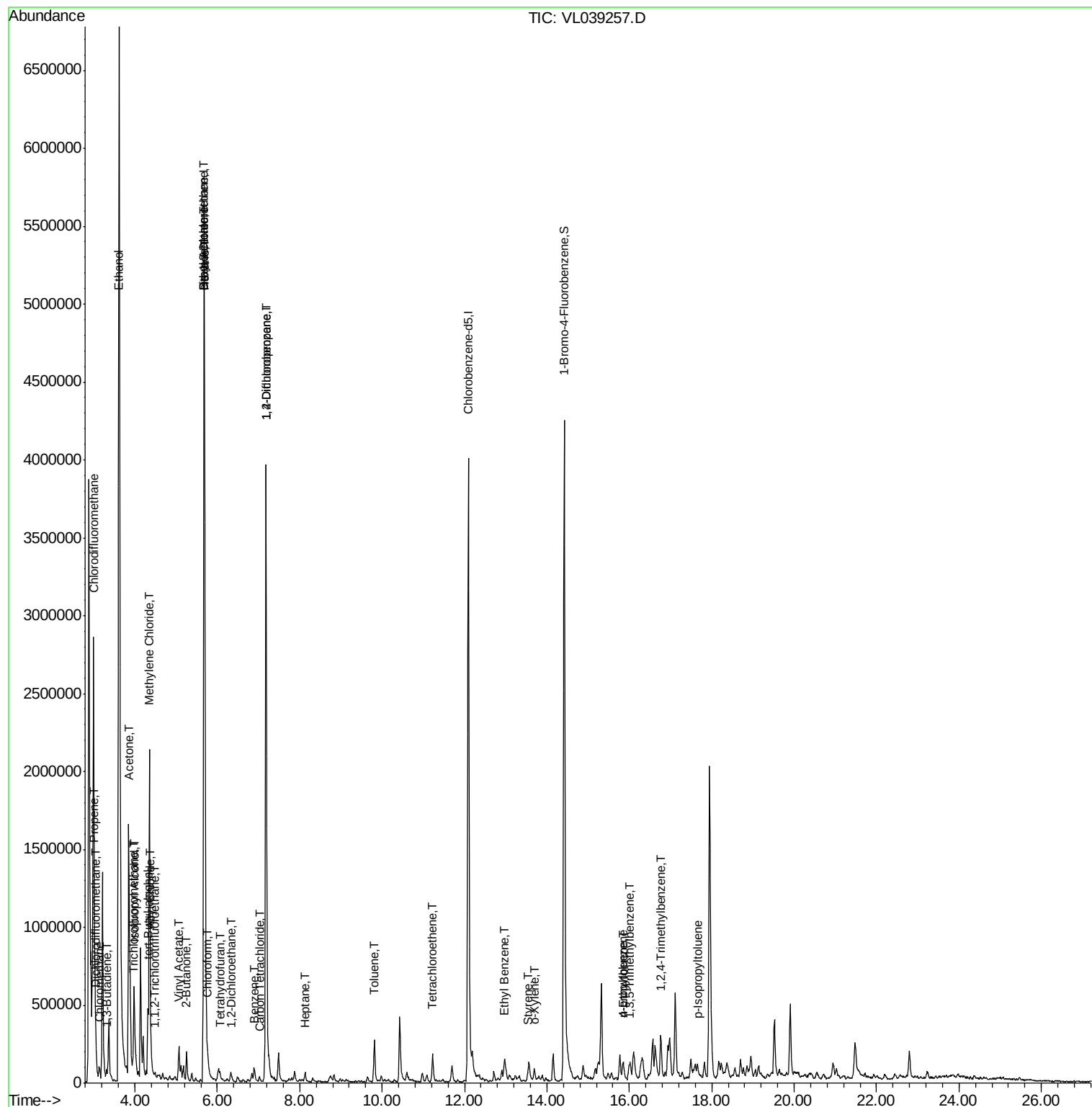
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	58725	0.241	ppbv	89
3) Chlorodifluoromethane	3.00	51	3798686	21.552	ppbv	97
4) Chloromethane	3.14	50	53016	0.586	ppbv	89
9) Propene	3.02	41	67754	0.882	ppbv #	80
10) Heptane	8.12	43	11043	0.062	ppbv #	1
11) Trichlorofluoromethane	3.96	101	59463	0.270	ppbv #	81
12) 1,1,2-Trichlorotrifluoroet	4.50	101	5135	0.035	ppbv #	12
13) Ethanol	3.61	45	10737696	2561.914	ppbv #	100
15) Acetone	3.85	43	2156151	14.942	ppbv	99
16) 1,3-Butadiene	3.33	39	9559	0.123	ppbv #	32
17) tert-Butyl alcohol	4.31	59	66864	0.597	ppbv	96
19) Isopropyl Alcohol	3.98	45	697727	10.309	ppbv #	97
20) Methylene Chloride	4.35	84	888679	14.614	ppbv	97
21) Allyl Chloride	4.38	41	3441	0.035	ppbv #	43
23) Vinyl Acetate	5.07	43	158727	1.329	ppbv #	70
25) Ethyl Acetate	5.68	43	3473055	10.679	ppbv	97
26) Hexane	5.69	57	959952	6.717	ppbv #	43
29) Chloroform	5.76	83	40218	0.167	ppbv	98
31) cis-1,2-Dichloroethene	5.67	61	151258	1.038	ppbv #	26
34) 2-Butanone	5.25	43	225458	1.396	ppbv	98
35) Carbon Tetrachloride	7.02	117	7115	0.033	ppbv #	61
36) Benzene	6.90	78	65808	0.273	ppbv #	91
37) 1,2-Dichloroethane	6.32	62	6652	0.042	ppbv	99
39) 1,2-Dichloropropane	7.18	63	840033	8.750	ppbv #	25
41) Tetrahydrofuran	6.06	42	18997	0.196	ppbv #	88
52) Tetrachloroethene	11.23	164	34573	0.367	ppbv #	84
53) Toluene	9.81	91	156135	0.562	ppbv	100
58) Ethyl Benzene	12.96	91	40210	0.121	ppbv	92
60) o-Xylene	13.70	91	51117	0.186	ppbv	96
61) Styrene	13.54	104	6462	0.044	ppbv #	1
64) n-propylbenzene	15.84	120	3026	0.030	ppbv	73
69) p-Isopropyltoluene	17.65	119	31911	0.074	ppbv #	20
72) 4-Ethyltoluene	15.84	105	45954	0.143	ppbv #	85
73) 1,3,5-Trimethylbenzene	16.00	105	30838	0.106	ppbv	96
74) 1,2,4-Trimethylbenzene	16.76	105	175420	0.542	ppbv #	67

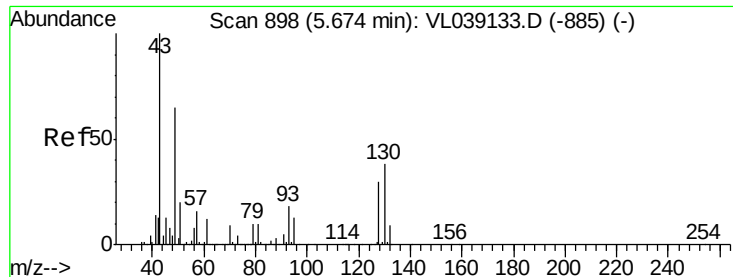
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL061322\
Data File : VL039257.D
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Sample : N3330-01DUP
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OTC-IAZDUP

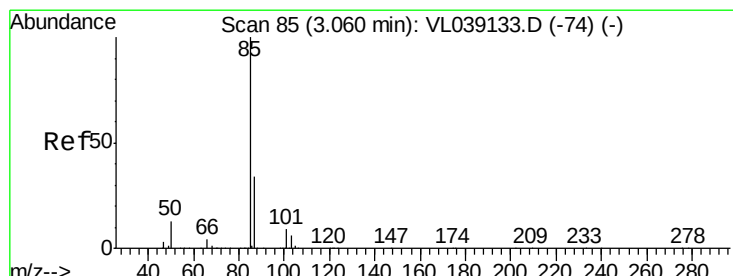
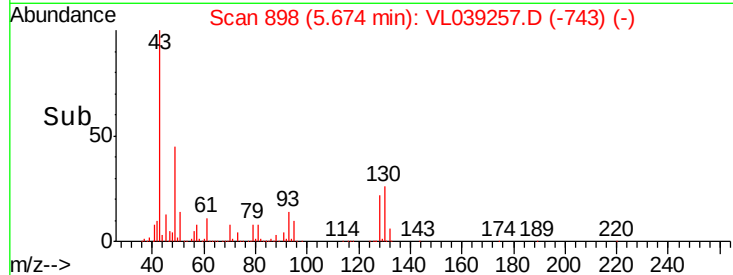
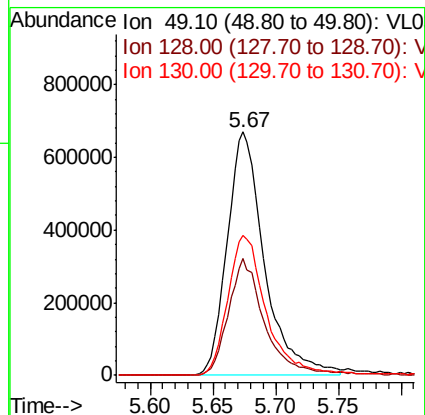
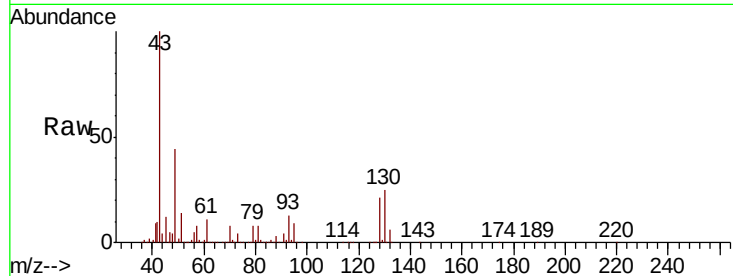
Quant Time: Jun 14 01:31:39 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022
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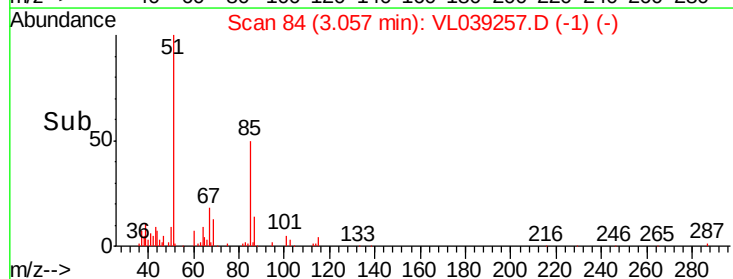
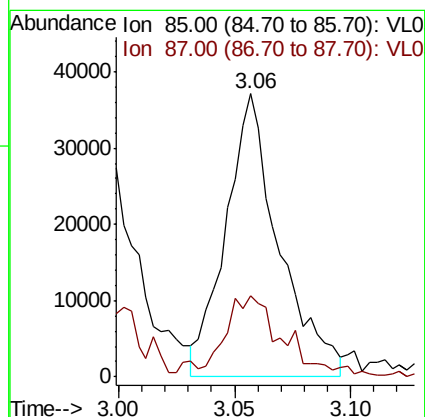
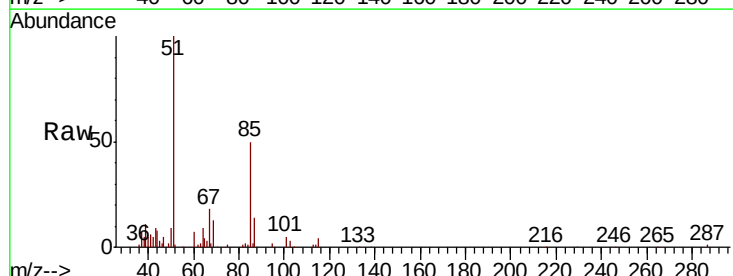
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 13 Jun 2022 18:33

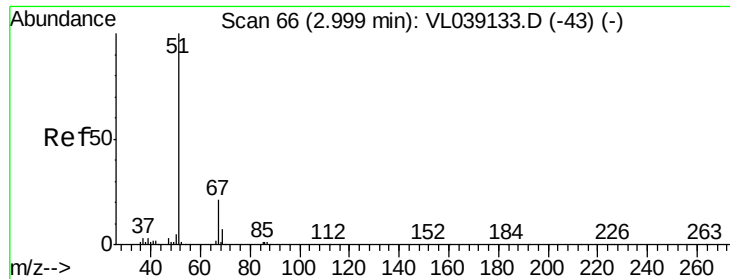
Tot Ion: 49 Resp: 1385241
 Ion Ratio Lower Upper
 49 100
 128 47.2 24.7 74.1
 130 60.3 31.4 94.0



#2
 Dichlorodifluoromethane
 Concen: 0.241 ppbv
 RT: 3.06 min Scan# 84
 Delta R.T.: -0.00 min
 Lab File: VL039257.D
 Acq: 13 Jun 2022 18:33

Tgt Ion: 85 Resp: 58725
 Ion Ratio Lower Upper
 85 100
 87 27.2 26.9 40.3





#3

Chlorodifluoromethane

Concen: 21.552 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

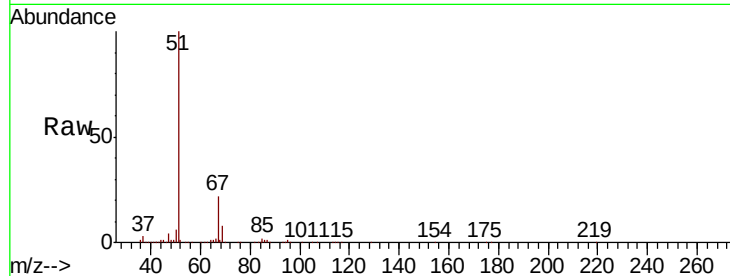
Acq: 13 Jun 2022 18:33

Tot Ion: 51 Resp: 3798686

Ion Ratio Lower Upper

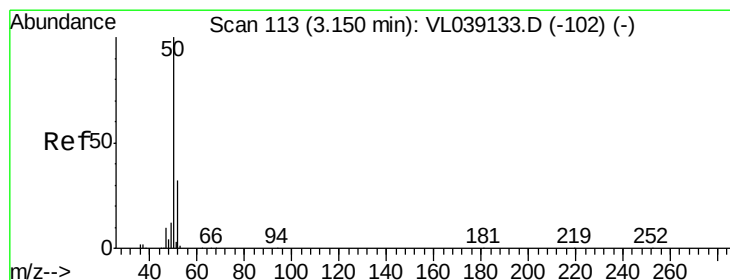
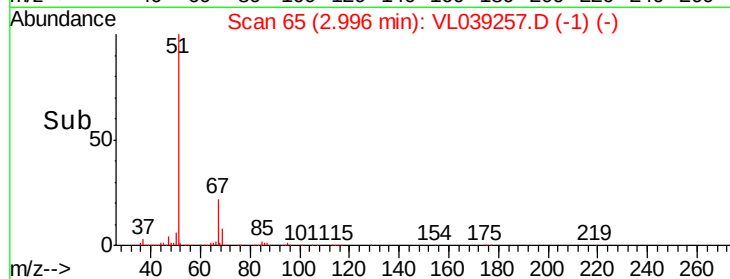
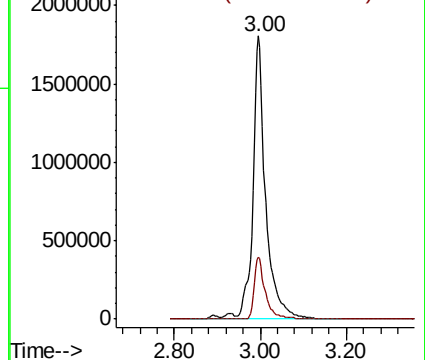
51 100

67 19.1 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: 0.586 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL039257.D

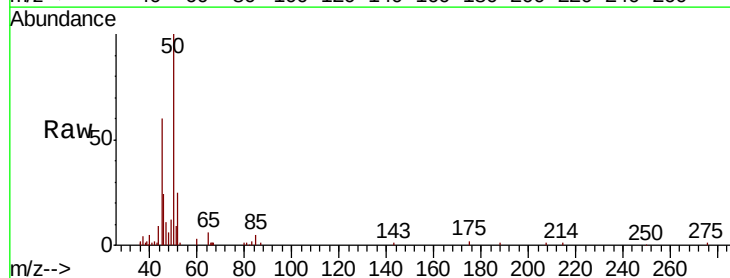
Acq: 13 Jun 2022 18:33

Tgt Ion: 50 Resp: 53016

Ion Ratio Lower Upper

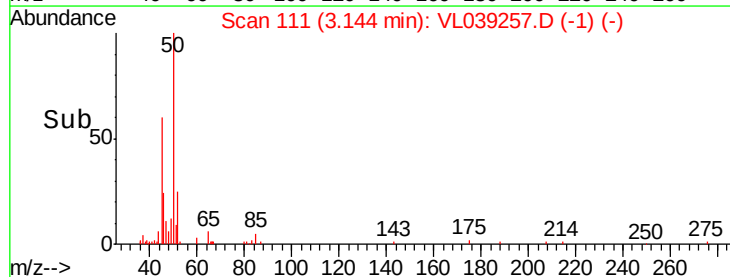
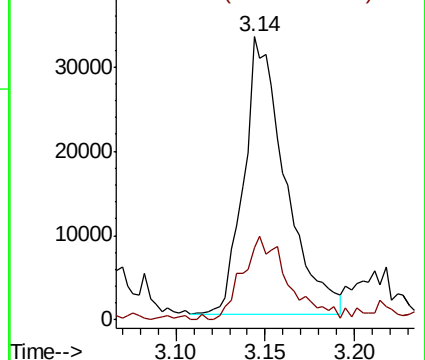
50 100

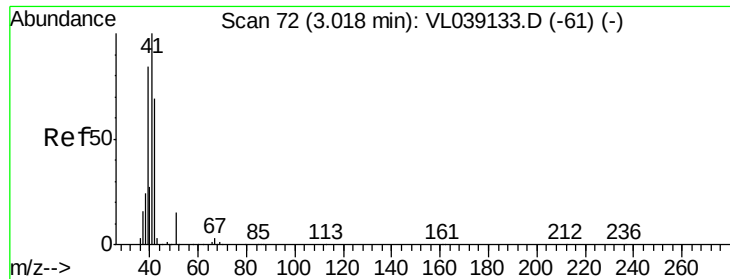
52 26.1 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.882 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

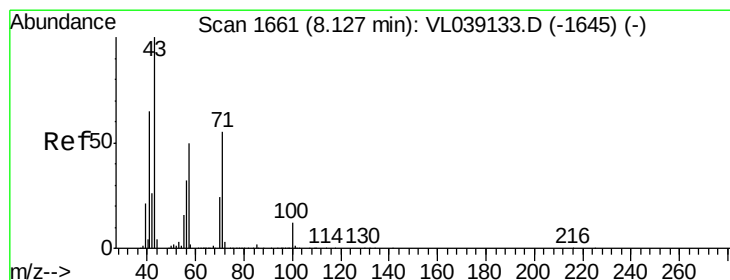
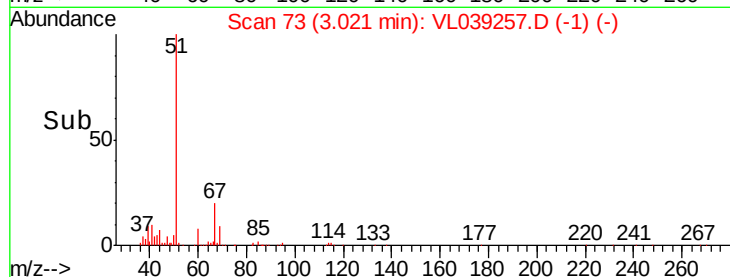
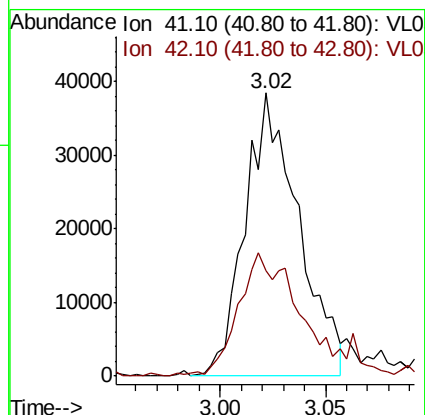
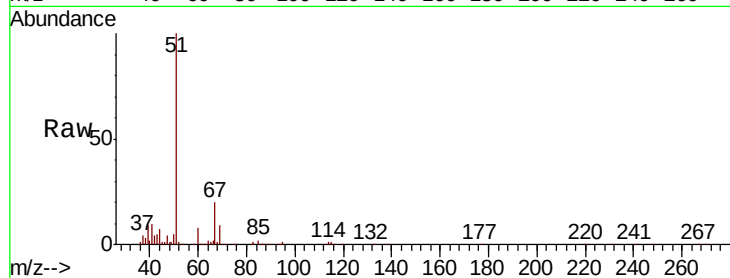
Acq: 13 Jun 2022 18:33

Tot Ion: 41 Resp: 67754

Ion Ratio Lower Upper

41 100

42 53.1 55.4 83.2#



#10

Heptane

Concen: 0.062 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VL039257.D

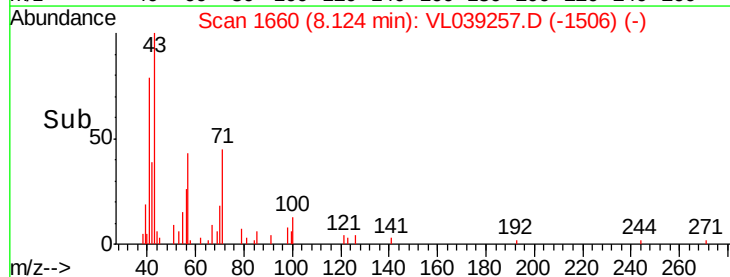
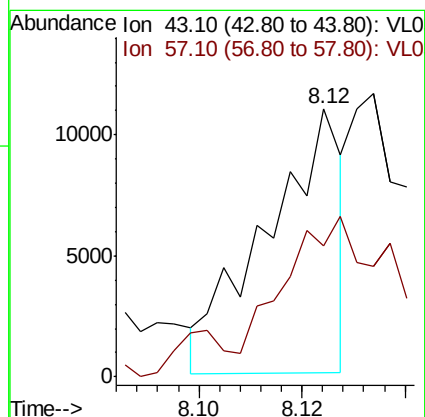
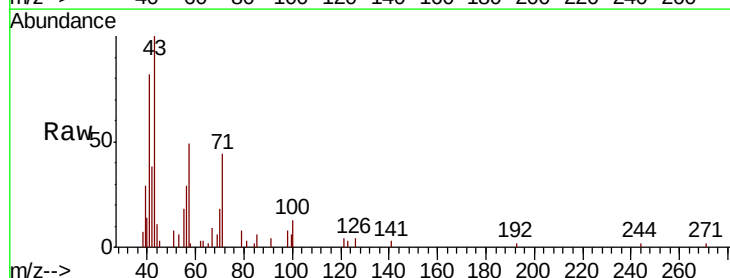
Acq: 13 Jun 2022 18:33

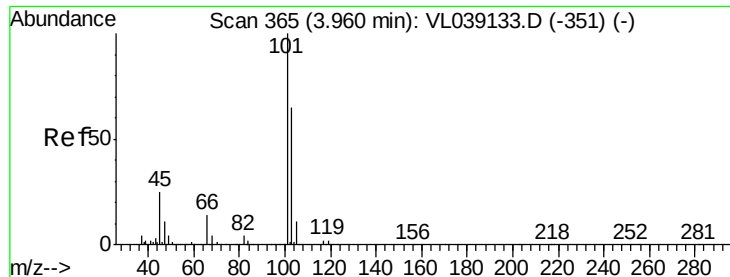
Tgt Ion: 43 Resp: 11043

Ion Ratio Lower Upper

43 100

57 121.6 41.4 62.2#





#11

Trichlorofluoromethane

Concen: 0.270 ppbv

RT: 3.96 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

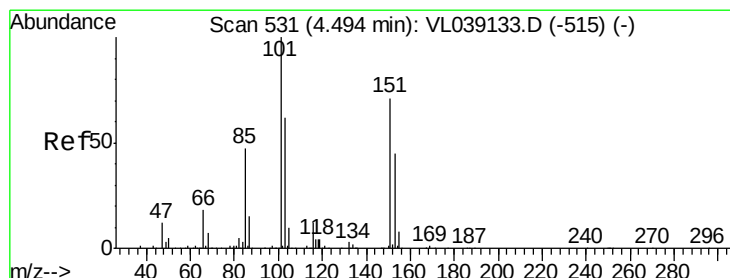
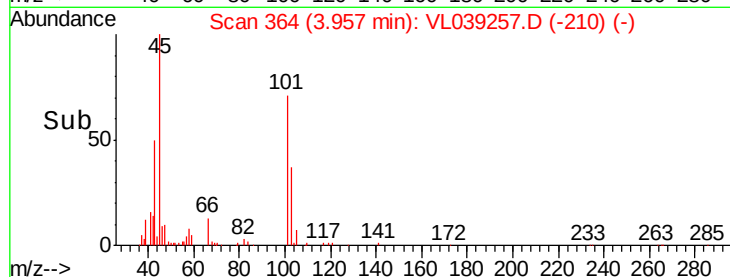
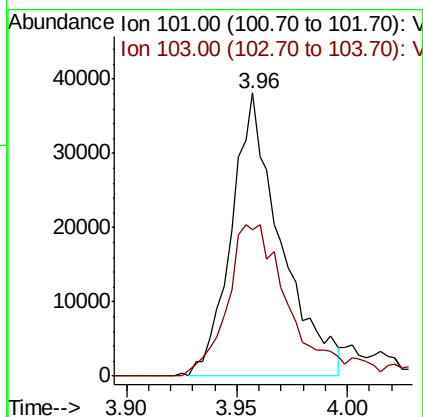
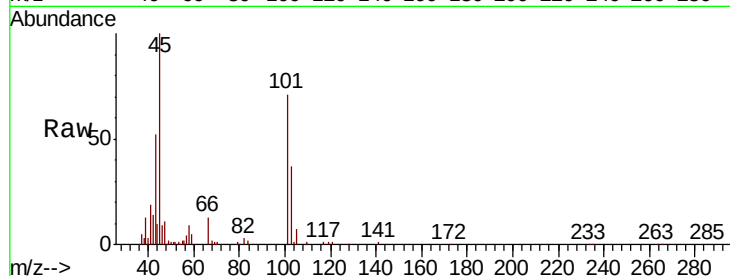
Acq: 13 Jun 2022 18:33

Tot Ion:101 Resp: 59463

Ion Ratio Lower Upper

101 100

103 49.7 51.7 77.5#



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.035 ppbv

RT: 4.50 min Scan# 532

Delta R.T. 0.00 min

Lab File: VL039257.D

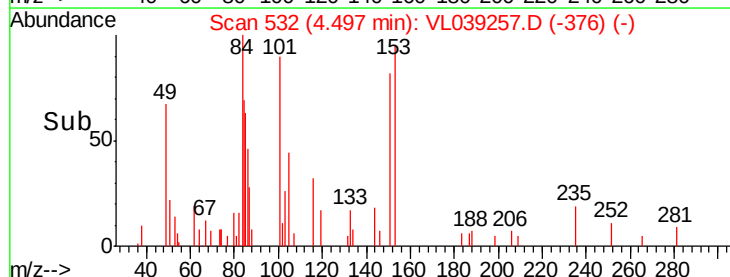
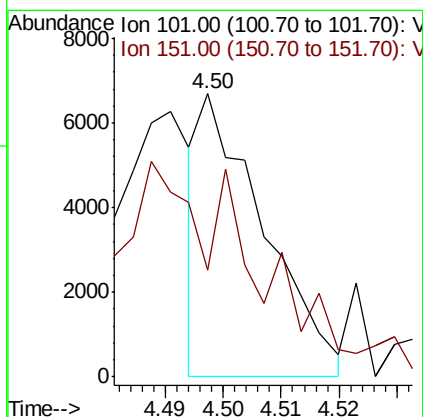
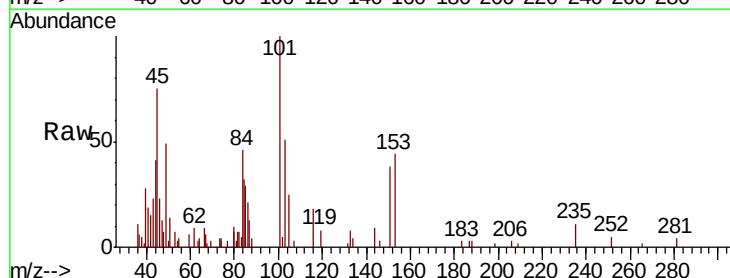
Acq: 13 Jun 2022 18:33

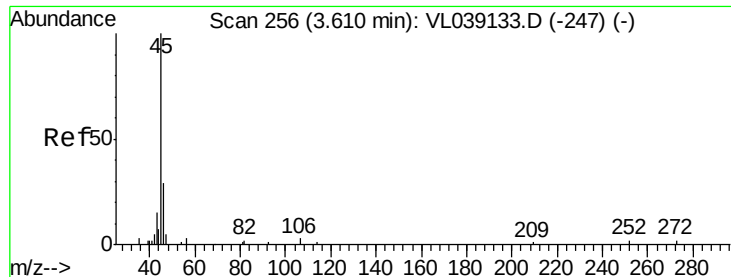
Tgt Ion:101 Resp: 5135

Ion Ratio Lower Upper

101 100

151 0.0 59.4 89.0#





#13

Ethanol

Concen: 2561.914 ppbv

RT: 3.61

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

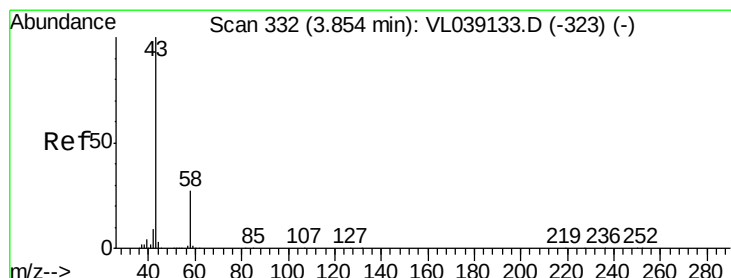
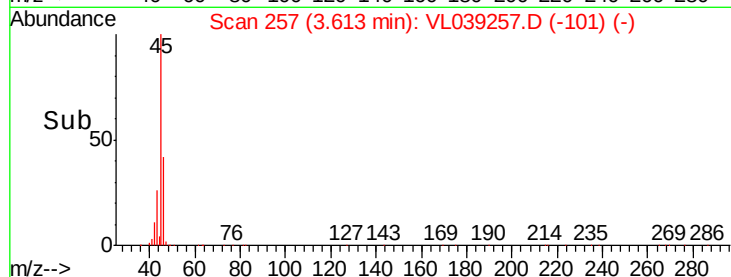
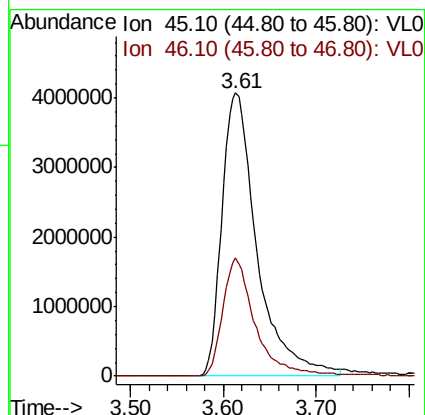
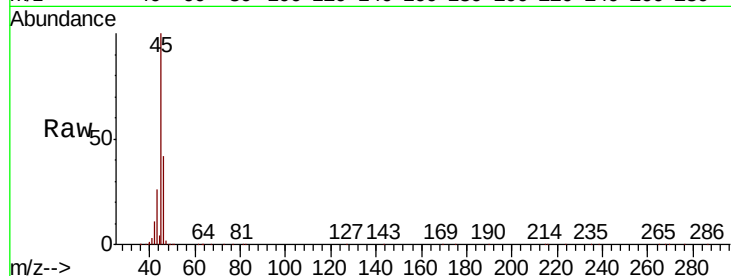
Acq: 13 Jun 2022 18:33

Tot Ion: 45 Resp:10737696

Ion Ratio Lower Upper

45 100

46 39.6 0.0 0.0#



#15

Acetone

Concen: 14.942 ppbv

RT: 3.85 min Scan# 331

Delta R.T. -0.00 min

Lab File: VL039257.D

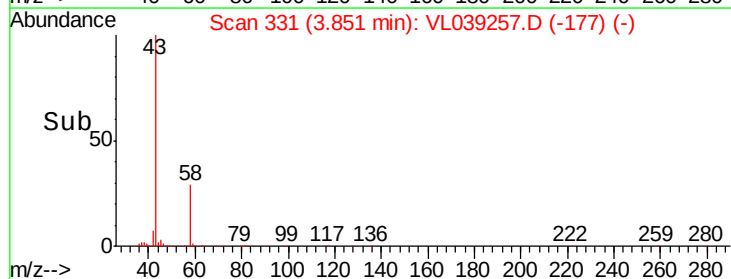
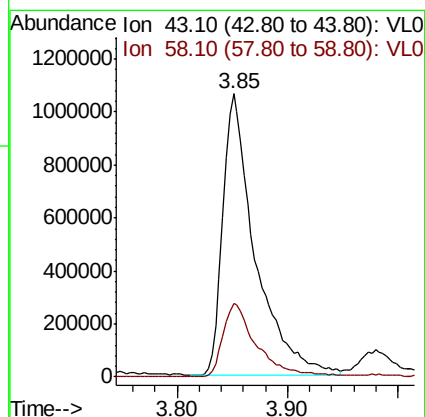
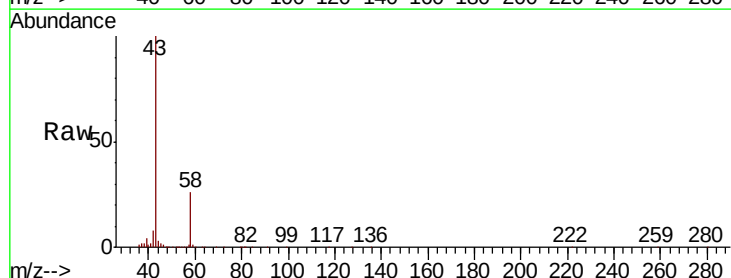
Acq: 13 Jun 2022 18:33

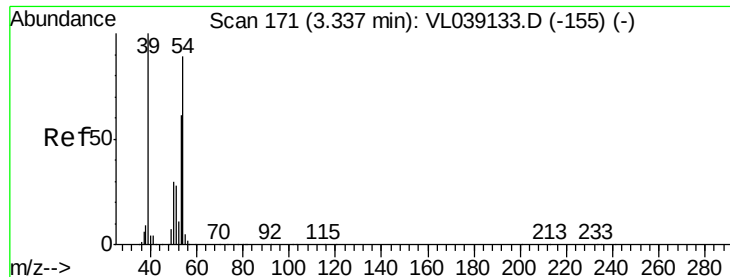
Tgt Ion: 43 Resp: 2156151

Ion Ratio Lower Upper

43 100

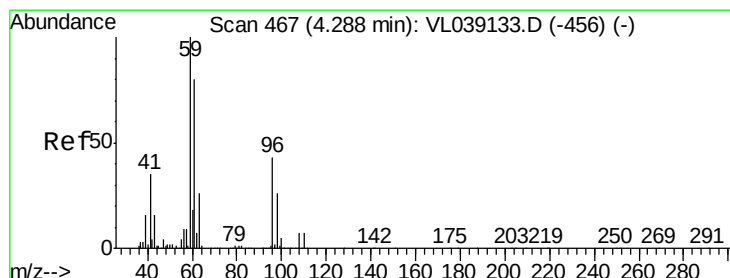
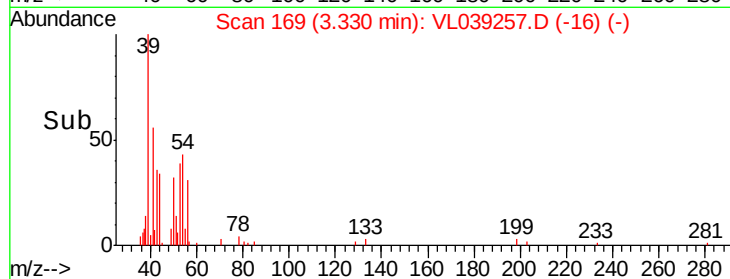
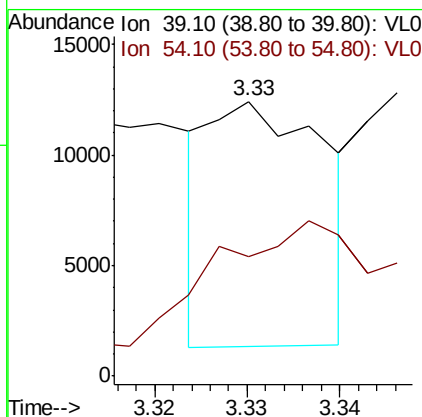
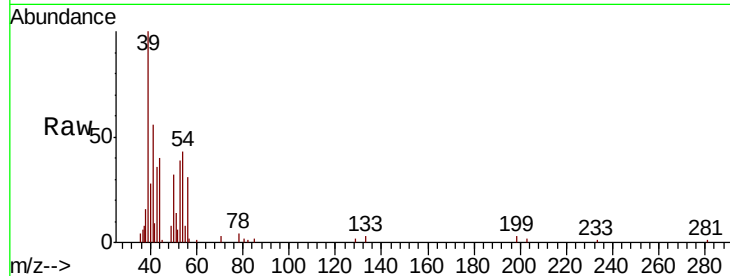
58 27.5 22.5 33.7





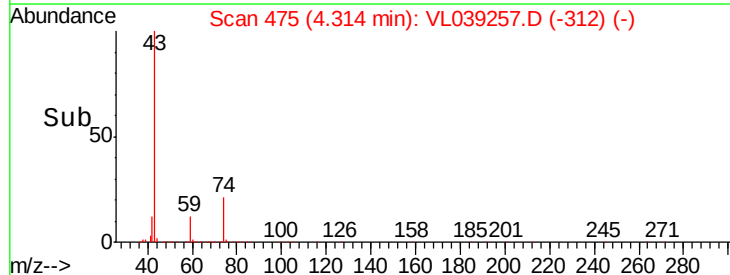
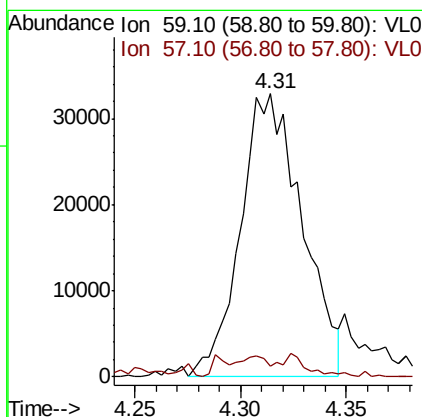
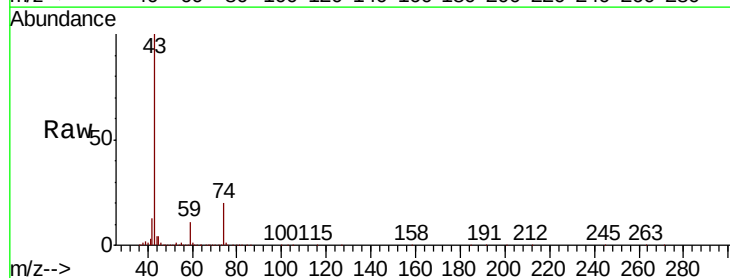
#16
 1,3-Butadiene
 Concen: 0.123 ppbv
 RT: 3.33
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 OTC-IAZDUP
 Acq: 13 Jun 2022 18:33

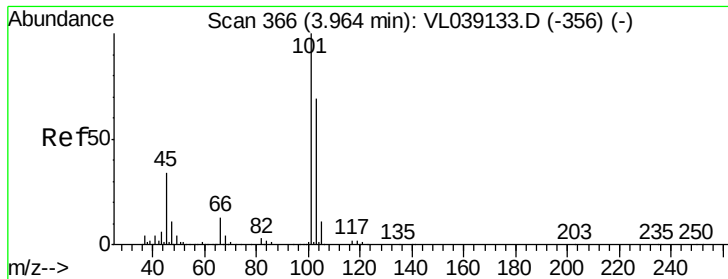
Tot Ion: 39 Resp: 9559
 Ion Ratio Lower Upper
 39 100
 54 143.1 65.8 98.6#



#17
 tert-Butyl alcohol
 Concen: 0.597 ppbv
 RT: 4.31 min Scan# 475
 Delta R.T. 0.03 min
 Lab File: VL039257.D
 Acq: 13 Jun 2022 18:33

Tgt Ion: 59 Resp: 66864
 Ion Ratio Lower Upper
 59 100
 57 9.9 9.1 13.7





#19

Isopropyl Alcohol

Concen: 10.309 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

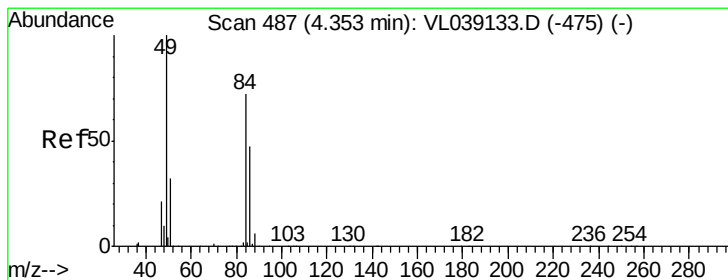
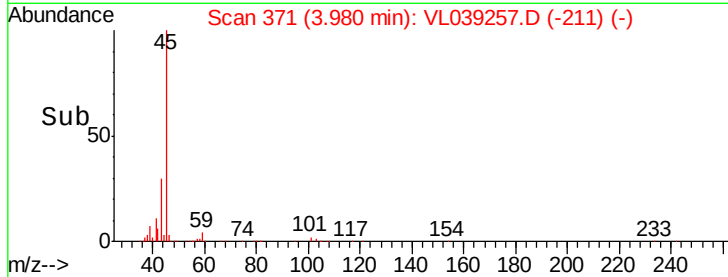
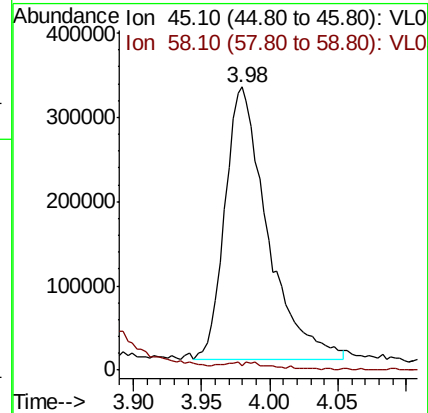
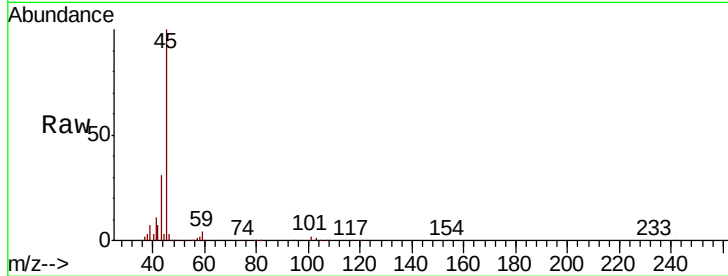
Acq: 13 Jun 2022 18:33 OTC-IAZDUP

Tot Ion: 45 Resp: 697727

Ion Ratio Lower Upper

45 100

58 3.3 1.8 2.8#



#20

Methylene Chloride

Concen: 14.614 ppbv

RT: 4.35 min Scan# 487

Delta R.T. -0.00 min

Lab File: VL039257.D

Acq: 13 Jun 2022 18:33

Tgt Ion: 84 Resp: 888679

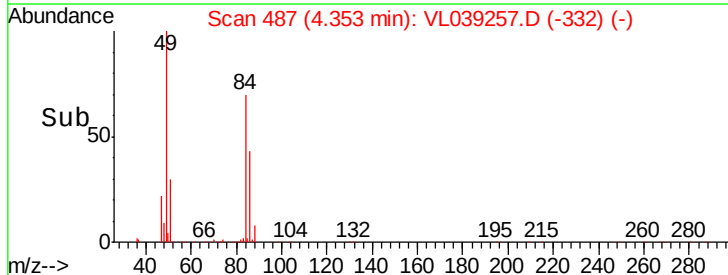
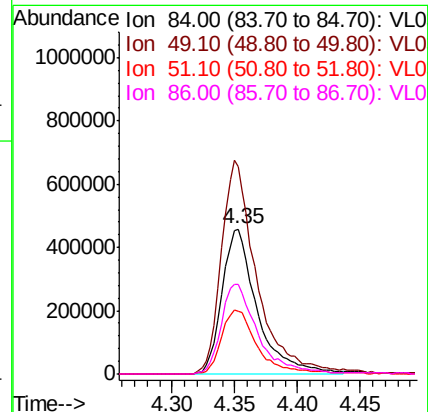
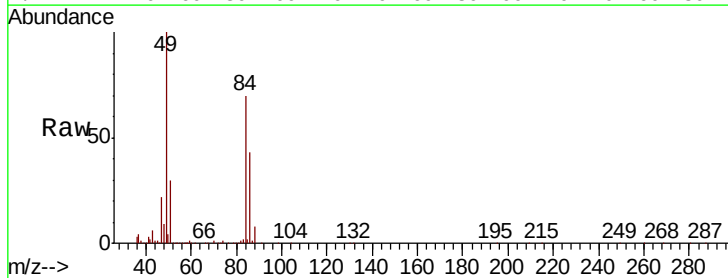
Ion Ratio Lower Upper

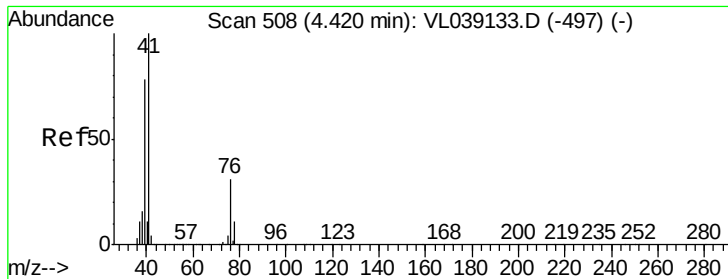
84 100

49 142.4 111.1 166.7

51 43.0 35.3 52.9

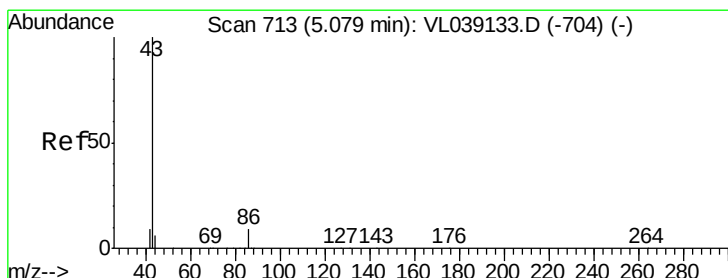
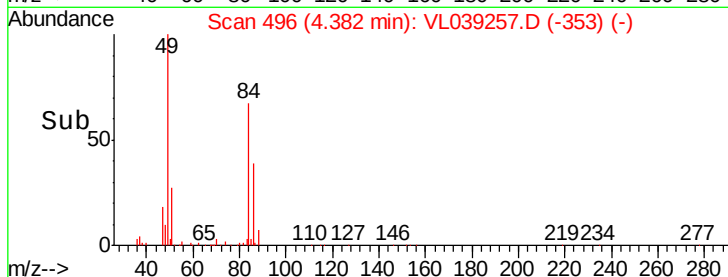
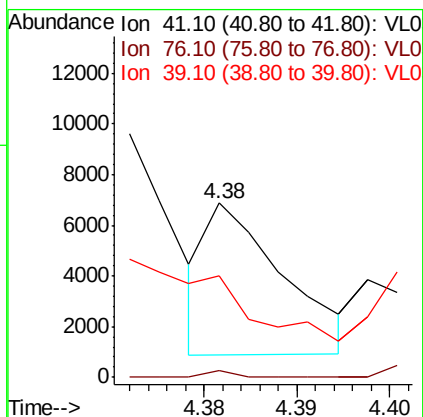
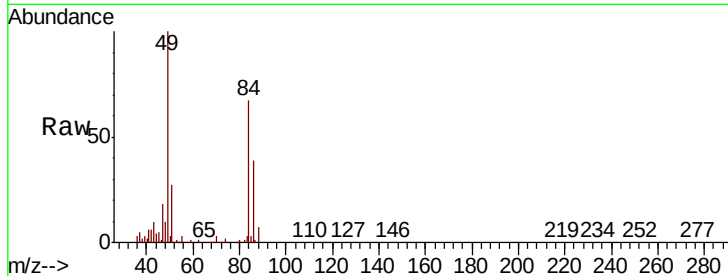
86 61.3 51.9 77.9





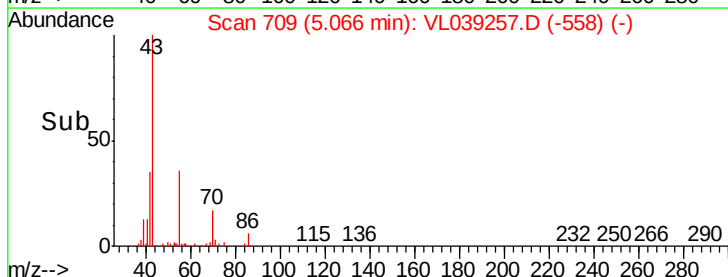
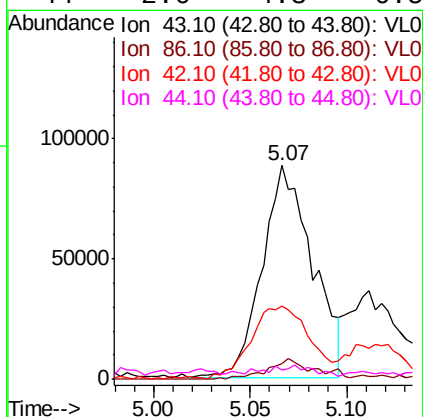
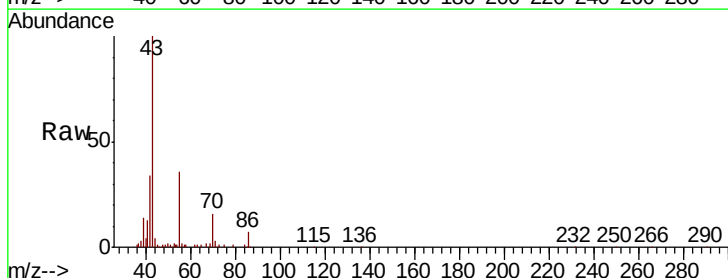
#21
Allvl Chloride
Concen: 0.035 ppbv
RT: 4.38
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 13 Jun 2022 18:33

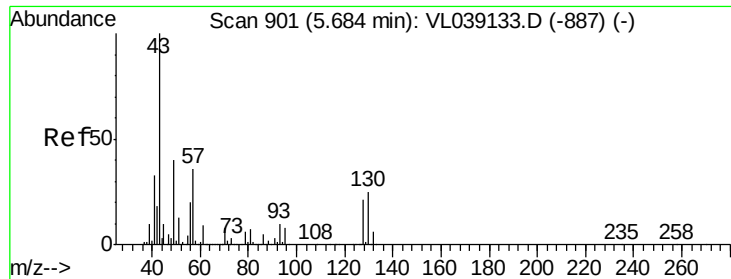
Tot Ion: 41 Resp: 3441
Ion Ratio Lower Upper
41 100
76 0.0 24.2 36.2#
39 127.4 62.2 93.2#



#23
Vinyl Acetate
Concen: 1.329 ppbv
RT: 5.07 min Scan# 709
Delta R.T. -0.01 min
Lab File: VL039257.D
Acq: 13 Jun 2022 18:33

Tgt Ion: 43 Resp: 158727
Ion Ratio Lower Upper
43 100
86 7.4 6.0 9.0
42 33.4 8.2 12.4#
44 2.6 4.3 6.5#

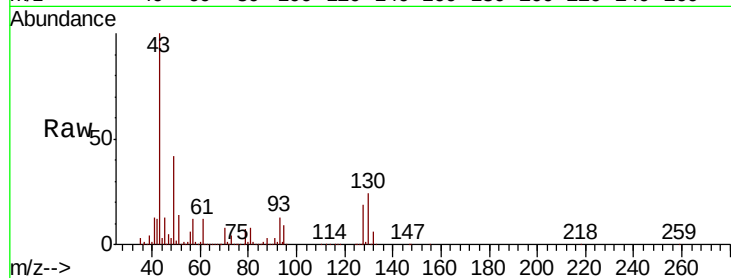




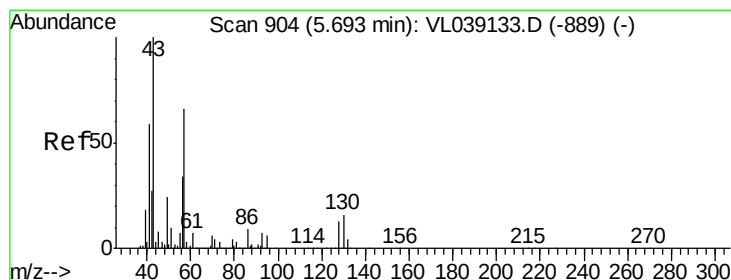
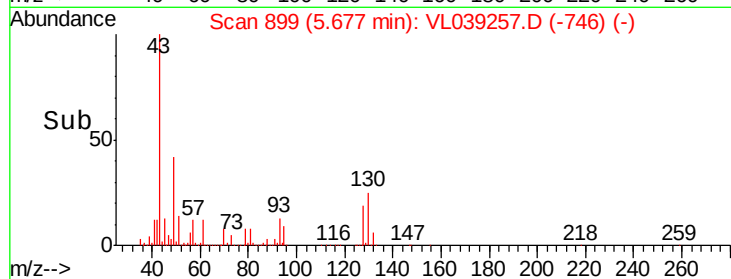
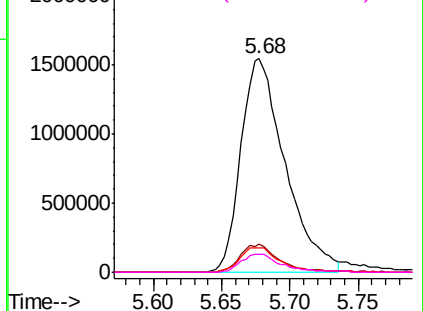
#25
Ethyl Acetate
Concen: 10.679 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 13 Jun 2022 18:33

Tot Ion: 43 Resp: 3473055

Ion	Ratio	Lower	Upper
43	100		
45	12.1	8.2	12.2
61	10.9	8.4	12.6
70	8.1	5.6	8.4



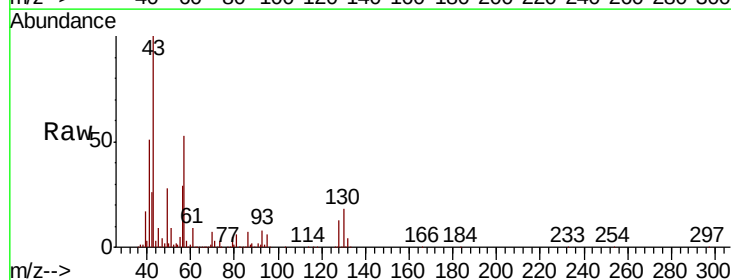
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0



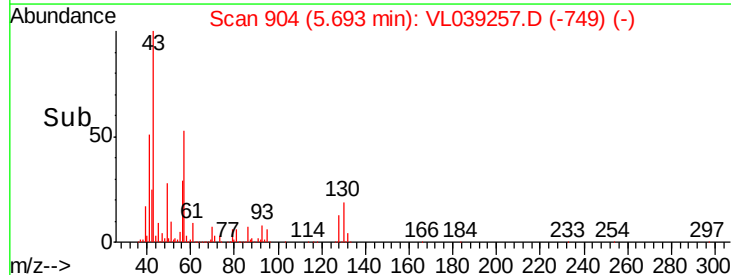
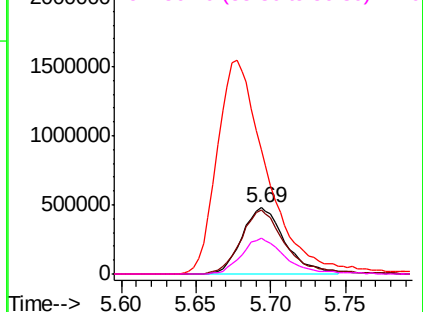
#26
Hexane
Concen: 6.717 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: -0.00 min
Lab File: VL039257.D
Acq: 13 Jun 2022 18:33

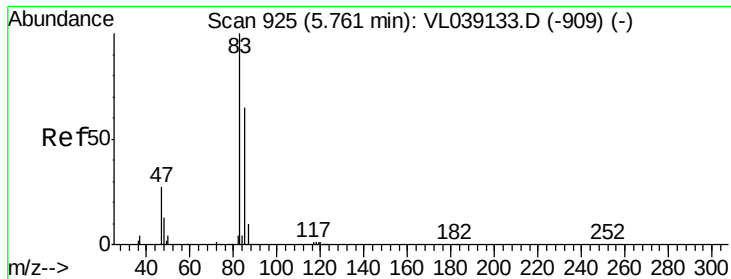
Tgt Ion: 57 Resp: 959952

Ion	Ratio	Lower	Upper
57	100		
41	101.4	72.4	108.6
43	379.1	187.0	280.6#
56	55.5	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: 0.167 ppbv

RT: 5.76 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

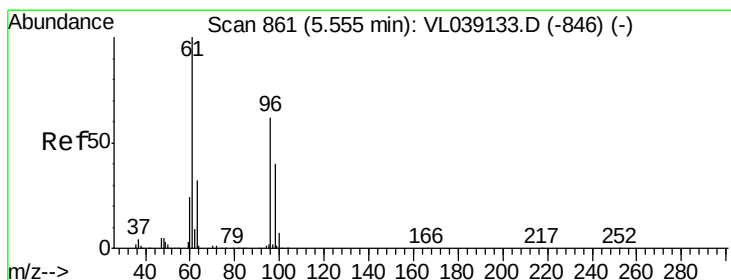
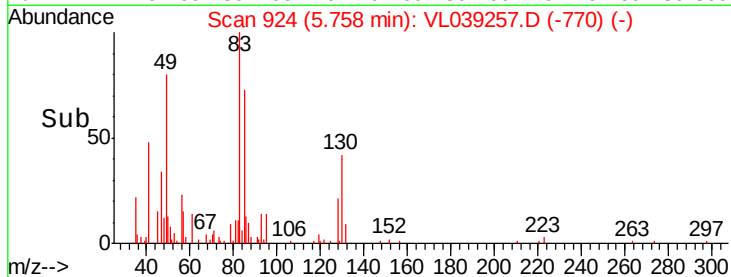
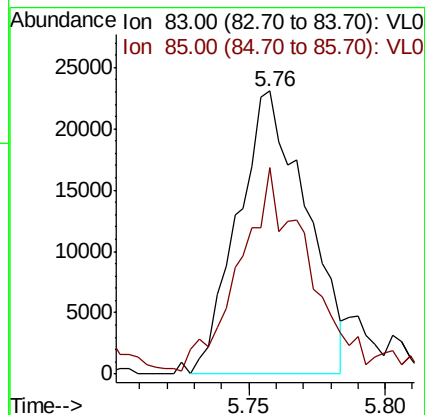
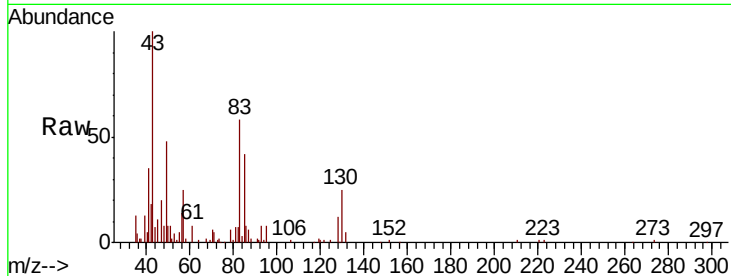
Acq: 13 Jun 2022 18:33 OTC-IAZDUP

Tot Ion: 83 Resp: 40218

Ion Ratio Lower Upper

83 100

85 63.9 52.4 78.6



#31

cis-1,2-Dichloroethene

Concen: 1.038 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.12 min

Lab File: VL039257.D

Acq: 13 Jun 2022 18:33

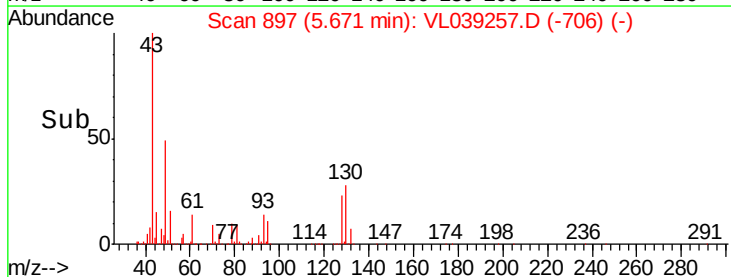
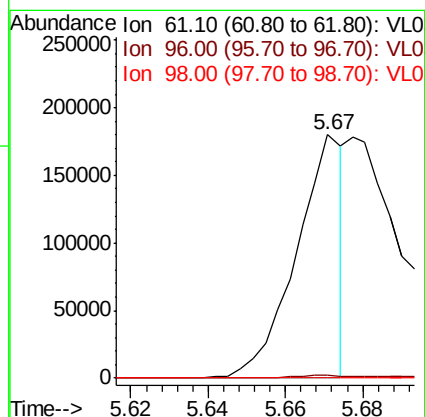
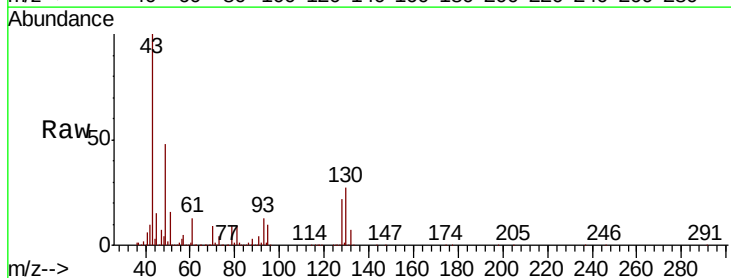
Tgt Ion: 61 Resp: 151258

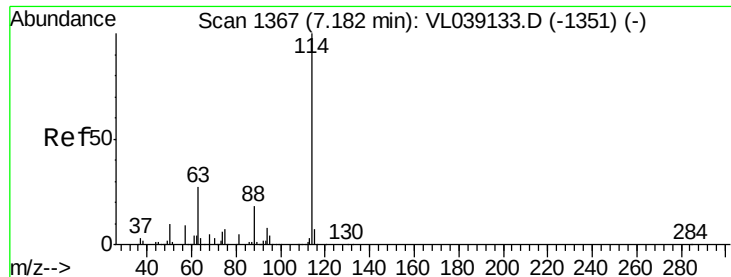
Ion Ratio Lower Upper

61 100

96 1.0 49.9 74.9#

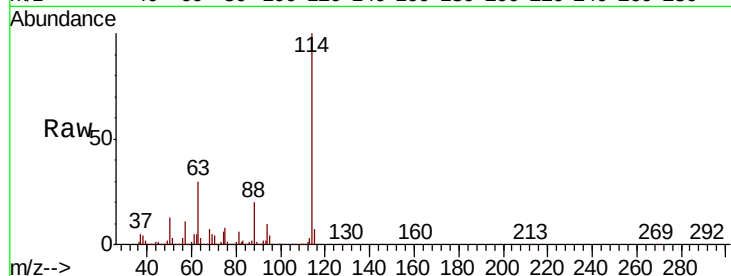
98 0.0 32.0 48.0#



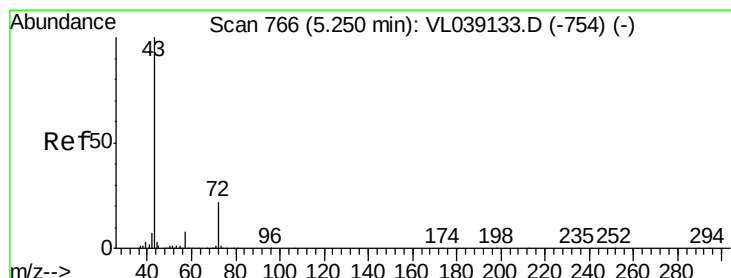
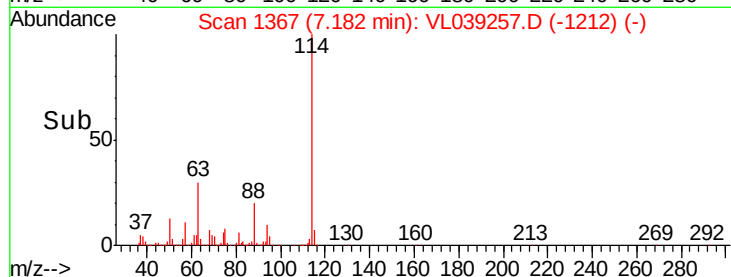
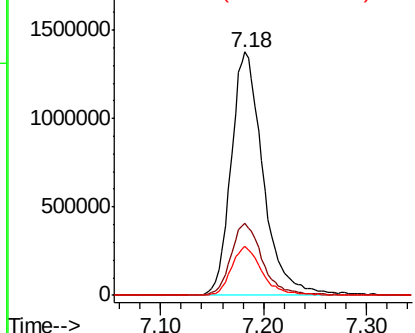


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 OTC-IAZDUP
 Acq: 13 Jun 2022 18:33

Tot Ion:114 Resp: 2973110
 Ion Ratio Lower Upper
 114 100
 63 29.4 21.7 32.5
 88 19.5 14.8 22.2

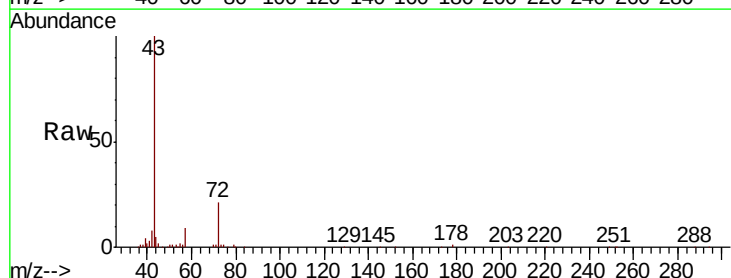


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

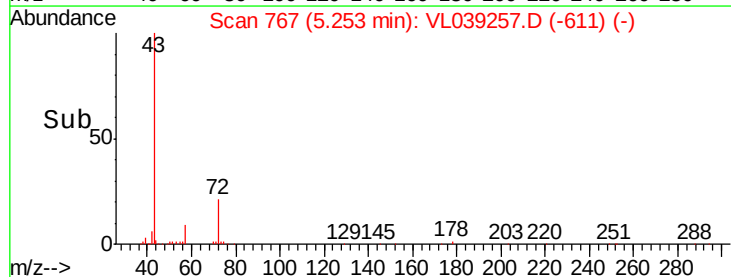
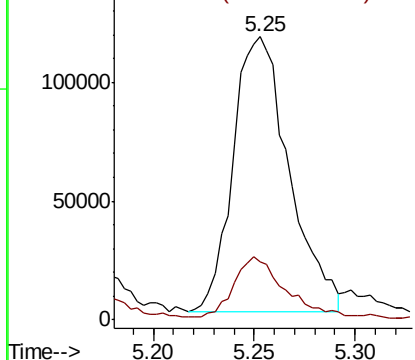


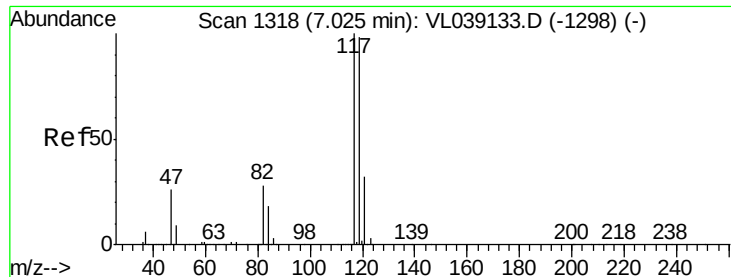
#34
 2-Butanone
 Concen: 1.396 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T.: 0.00 min
 Lab File: VL039257.D
 Acq: 13 Jun 2022 18:33

Tgt Ion: 43 Resp: 225458
 Ion Ratio Lower Upper
 43 100
 72 23.5 18.2 27.2



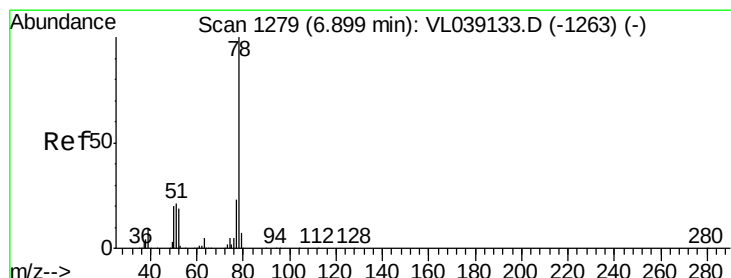
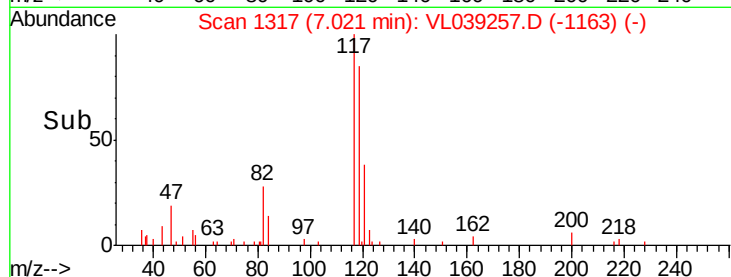
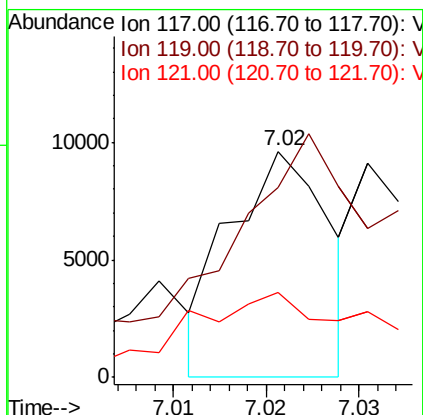
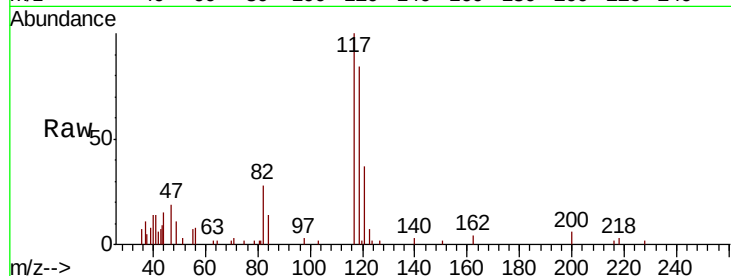
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





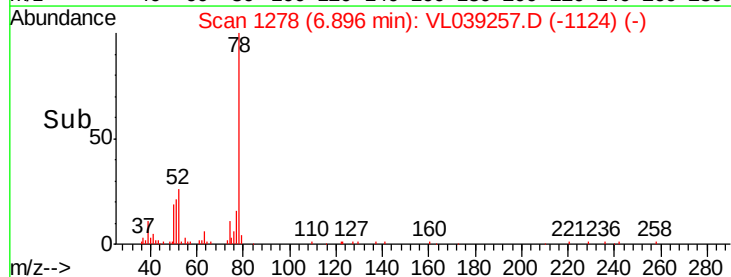
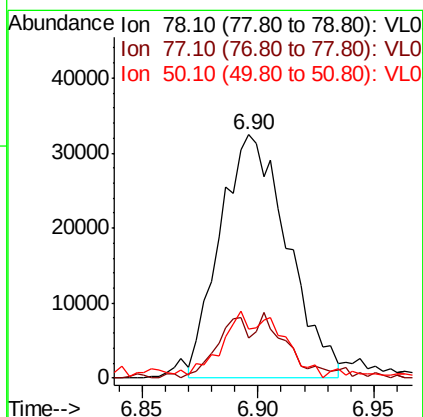
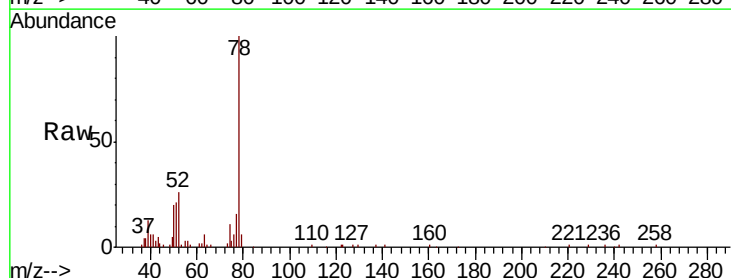
#35
Carbon Tetrachloride
Concen: 0.033 ppbv
RT: 7.02 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Jun 2022 18:33

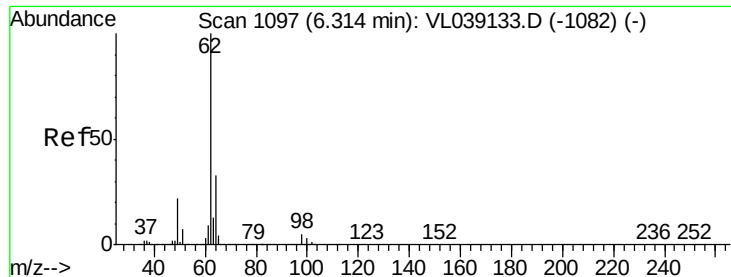
Tot Ion:117 Resp: 7115
Ion Ratio Lower Upper
117 100
119 56.0 78.6 118.0#
121 17.2 25.4 38.0#



#36
Benzene
Concen: 0.273 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL039257.D
Acq: 13 Jun 2022 18:33

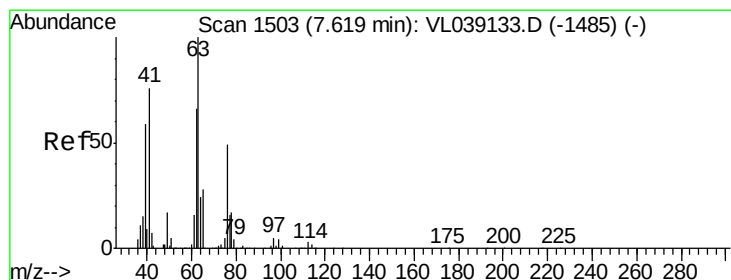
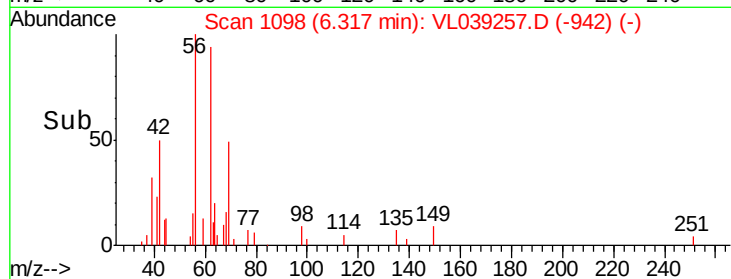
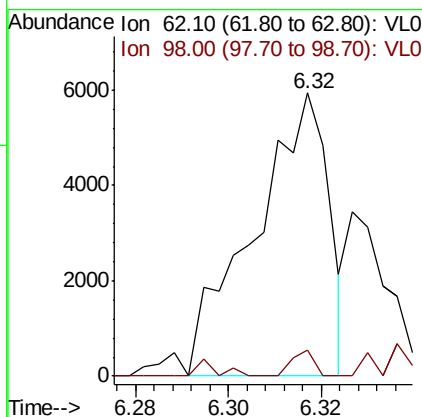
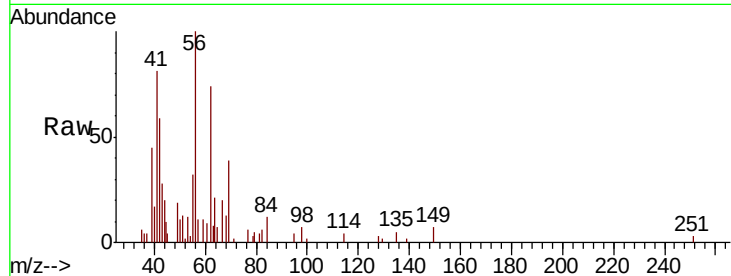
Tgt Ion: 78 Resp: 65808
Ion Ratio Lower Upper
78 100
77 15.1 18.6 27.8#
50 19.5 15.8 23.8





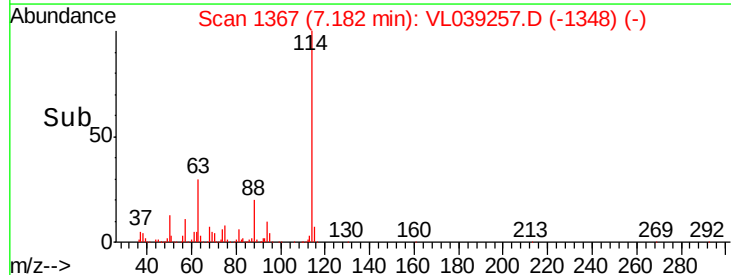
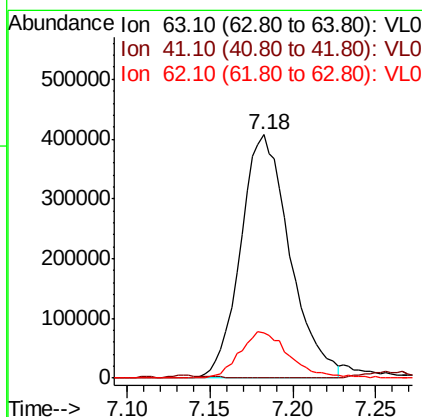
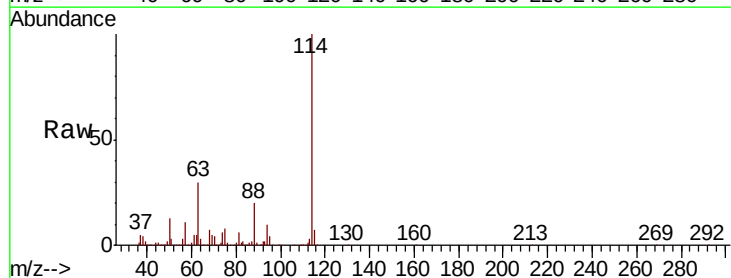
#37
 1,2-Dichloroethane
 Concen: 0.042 ppbv
 RT: 6.32
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Jun 2022 18:33

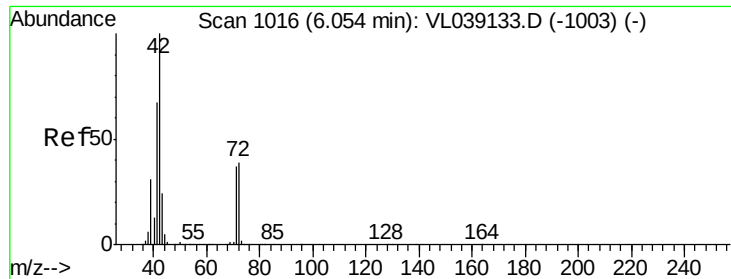
Tot Ion: 62 Resp: 6652
 Ion Ratio Lower Upper
 62 100
 98 5.8 4.3 6.5



#39
 1,2-Dichloropropane
 Concen: 8.750 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.44 min
 Lab File: VL039257.D
 Acq: 13 Jun 2022 18:33

Tgt Ion: 63 Resp: 840033
 Ion Ratio Lower Upper
 63 100
 41 0.0 60.8 91.2#
 62 18.3 52.9 79.3#





#41

Tetrahydrofuran

Concen: 0.196 ppbv

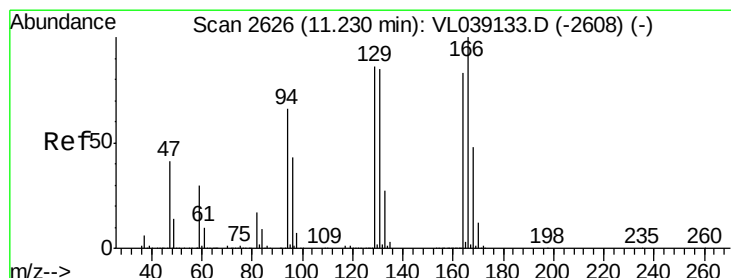
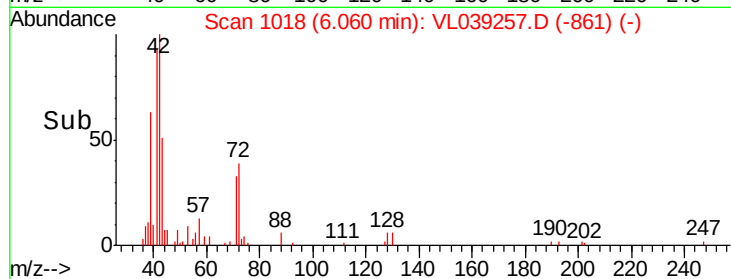
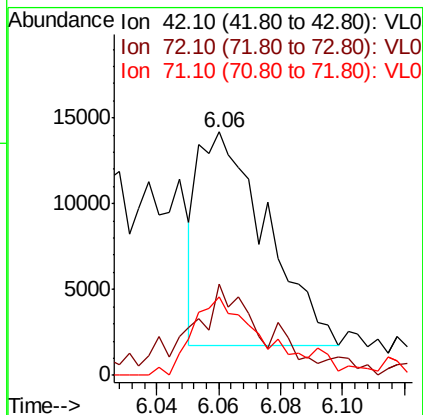
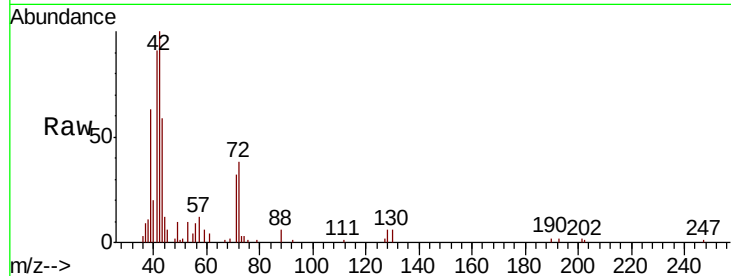
RT: 6.06 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId:

Acq: 13 Jun 2022 18:33

Tot Ion:	42	Resp:	18997
Ion	Ratio	Lower	Upper
42	100		
72	49.5	32.0	48.0#
71	44.0	31.1	46.7



#52

Tetrachloroethene

Concen: 0.367 ppbv

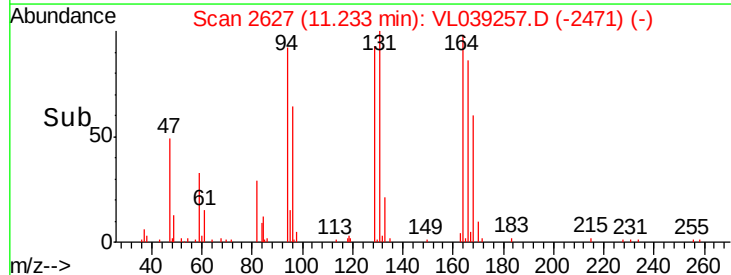
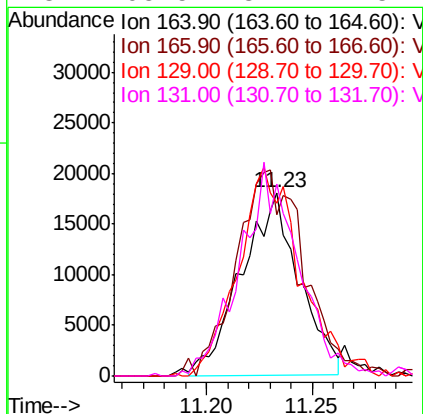
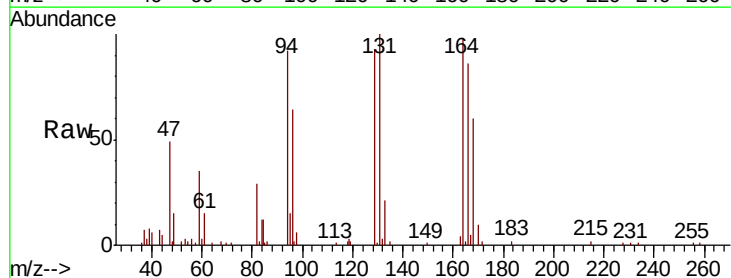
RT: 11.23 min Scan# 2627

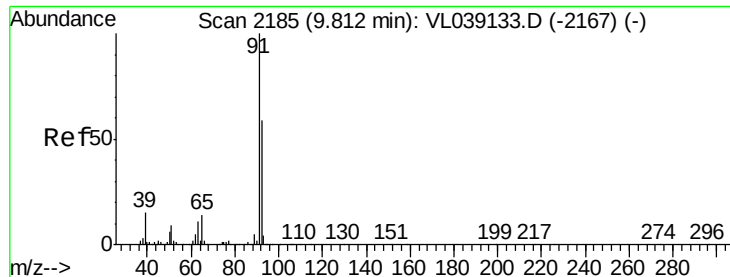
Delta R.T. 0.00 min

Lab File: VL039257.D

Acq: 13 Jun 2022 18:33

Tgt Ion:	164	Resp:	34573
Ion	Ratio	Lower	Upper
164	100		
166	79.8	96.3	144.5#
129	96.7	82.5	123.7
131	105.5	82.1	123.1





#53

Toluene

Concen: 0.562 ppbv

RT: 9.81 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId:

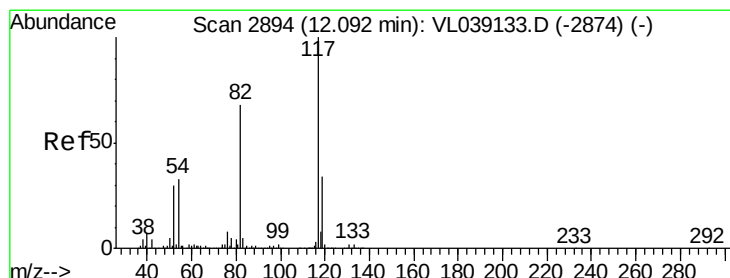
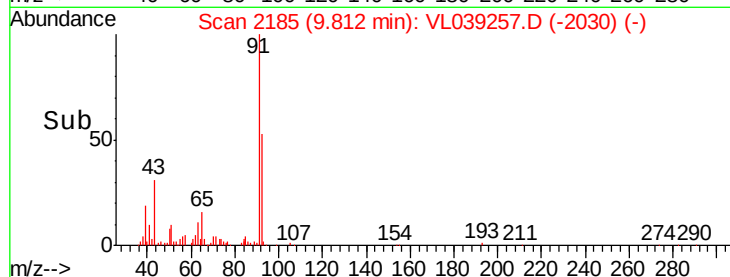
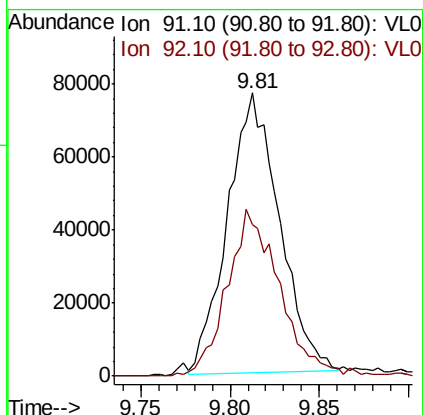
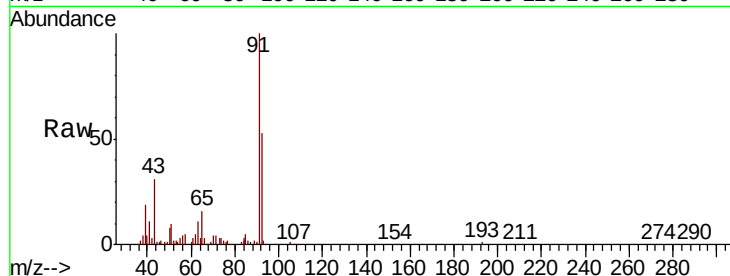
Acq: 13 Jun 2022 18:33

Tot Ion: 91 Resp: 156135

Ion Ratio Lower Upper

91 100

92 60.3 48.1 72.1



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2894

Delta R.T. -0.00 min

Lab File: VL039257.D

Acq: 13 Jun 2022 18:33

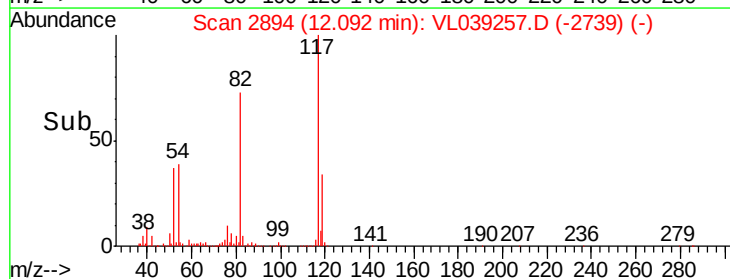
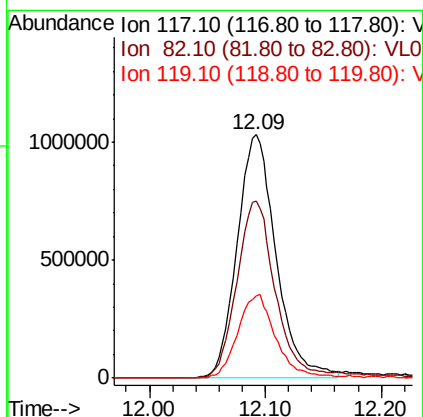
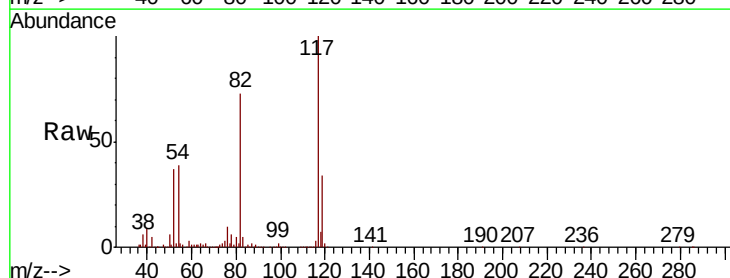
Tgt Ion: 117 Resp: 2406542

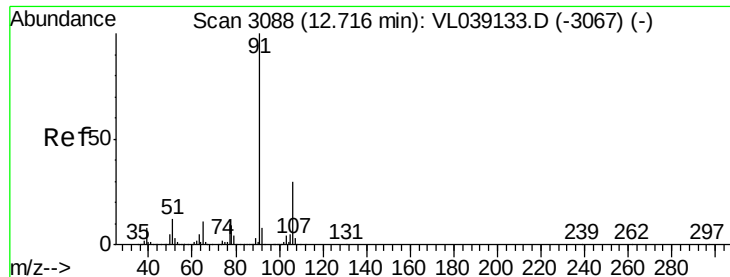
Ion Ratio Lower Upper

117 100

82 75.4 55.1 82.7

119 34.2 24.7 37.1





#58

Ethyl Benzene

Concen: 0.121 ppbv

RT: 12.96 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

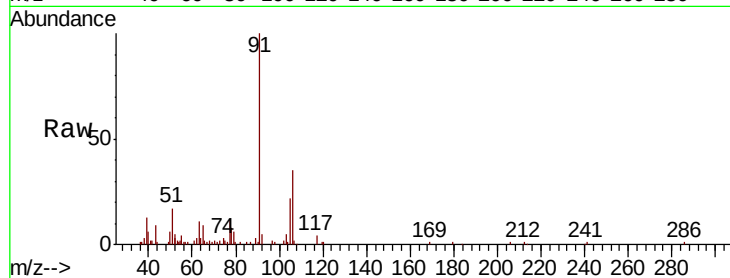
Acq: 13 Jun 2022 18:33

Tot Ion: 91 Resp: 40210

Ion Ratio Lower Upper

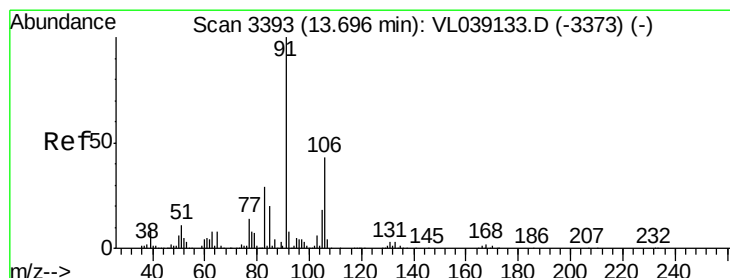
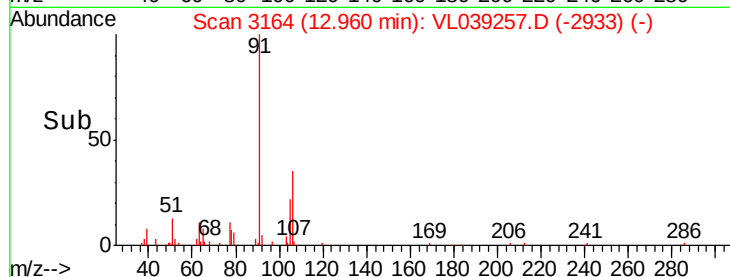
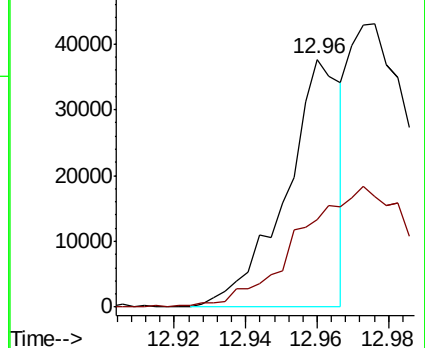
91 100

106 34.6 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 0.186 ppbv

RT: 13.70 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VL039257.D

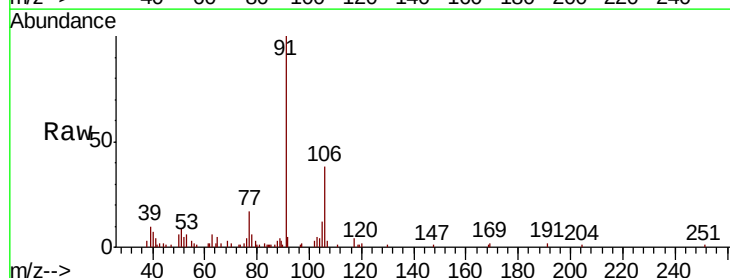
Acq: 13 Jun 2022 18:33

Tgt Ion: 91 Resp: 51117

Ion Ratio Lower Upper

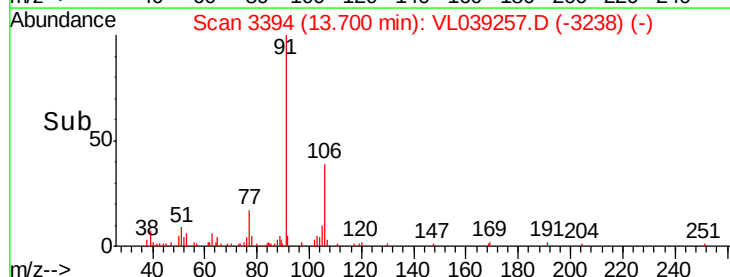
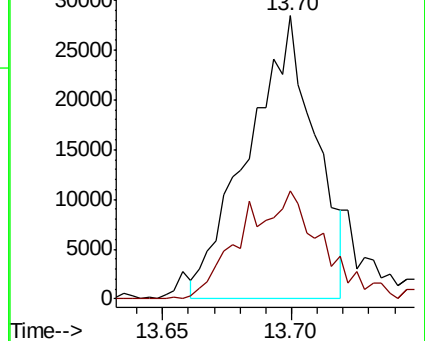
91 100

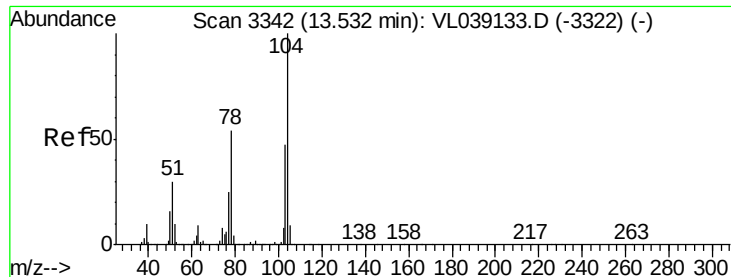
106 47.0 22.3 66.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#61

Stvrene

Concen: 0.044 ppbv

RT: 13.54 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: OTC-IAZDUP

Acq: 13 Jun 2022 18:33

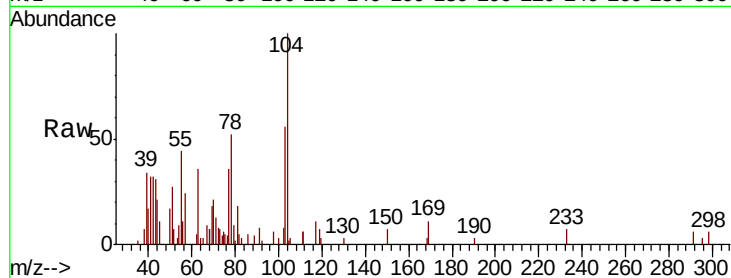
Tot Ion:104 Resp: 6462

Ion Ratio Lower Upper

104 100

78 0.0 45.7 68.5#

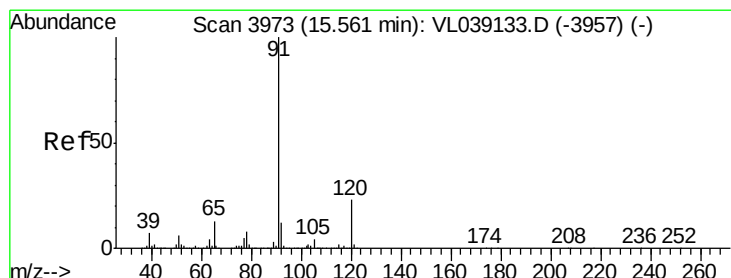
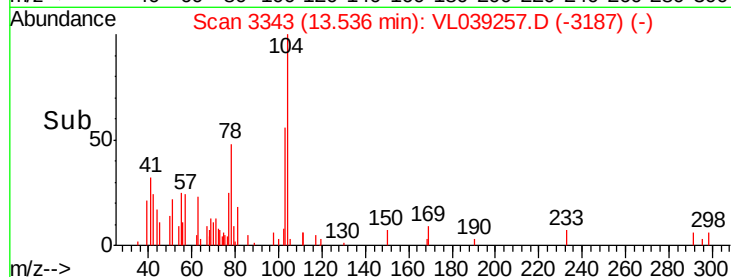
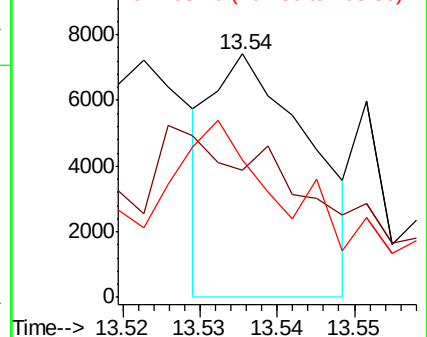
103 158.5 39.6 59.4#



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: 0.030 ppbv

RT: 15.84 min Scan# 4061

Delta R.T. 0.28 min

Lab File: VL039257.D

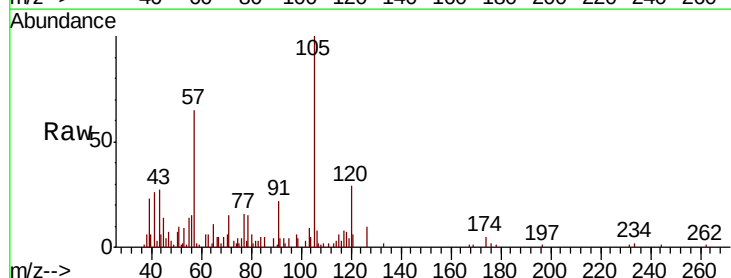
Acq: 13 Jun 2022 18:33

Tgt Ion:120 Resp: 3026

Ion Ratio Lower Upper

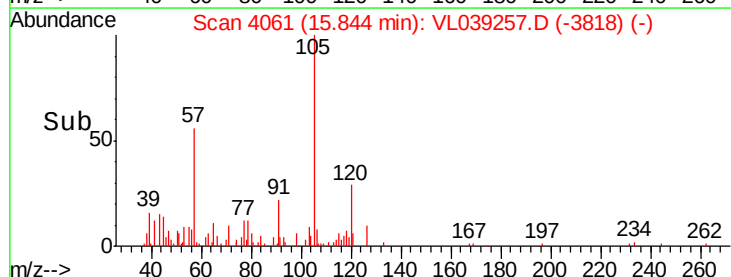
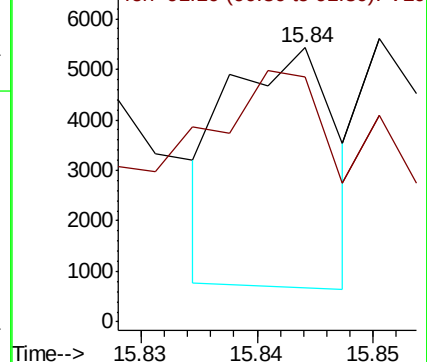
120 100

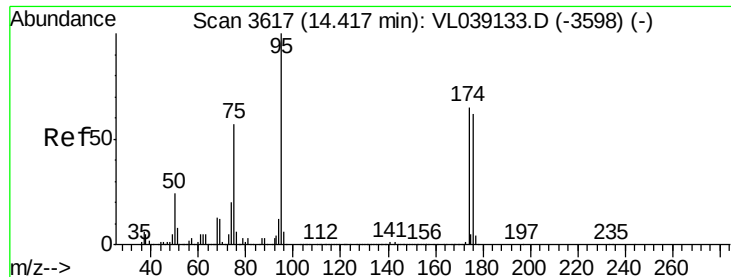
91 411.8 388.4 582.6



Abundance Ion 120.20 (119.90 to 120.90): V

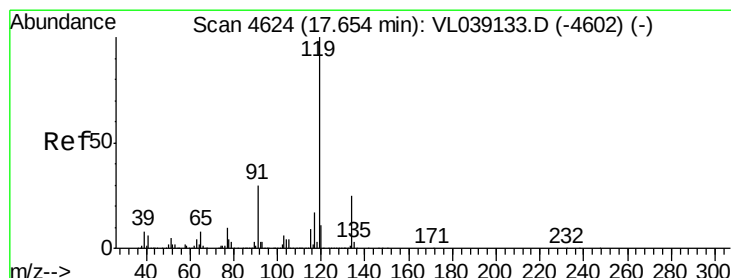
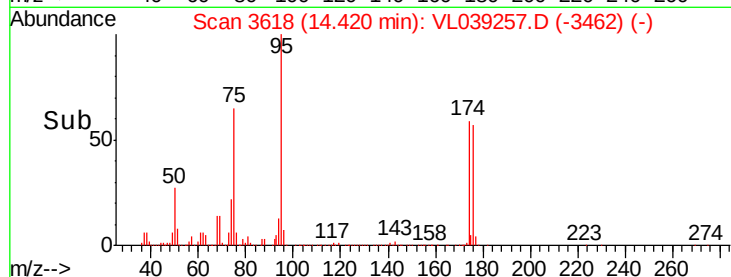
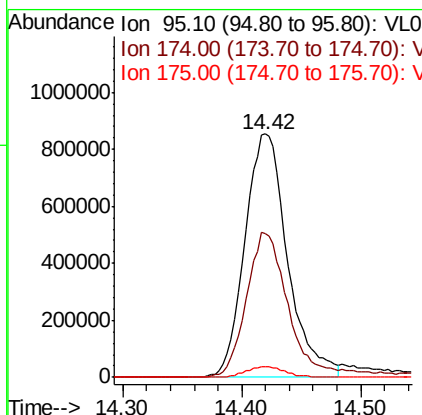
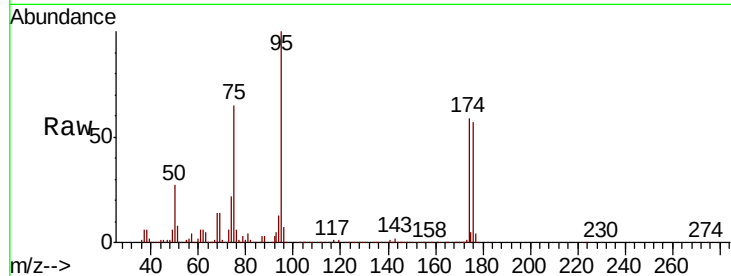
Ion 91.10 (90.80 to 91.80): VL0





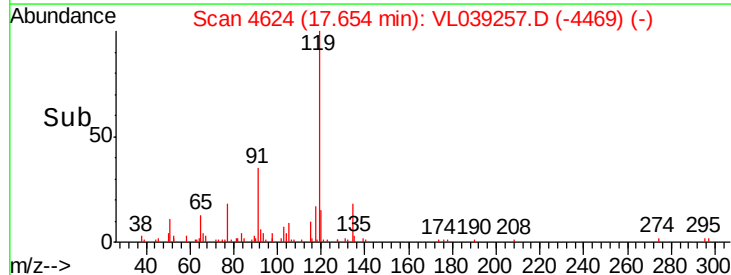
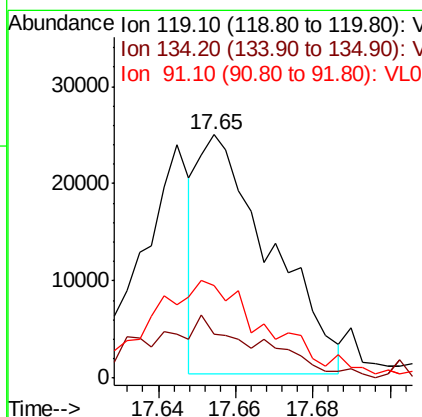
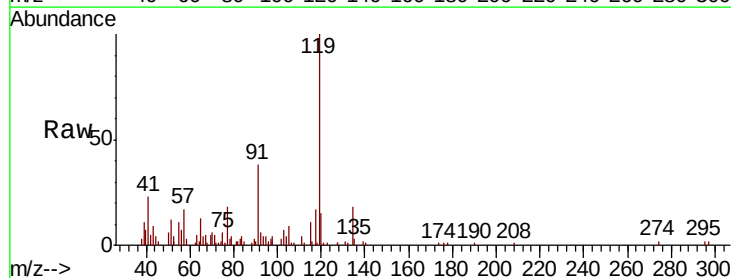
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.659 ppbv
 RT: 14.42 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Jun 2022 18:33

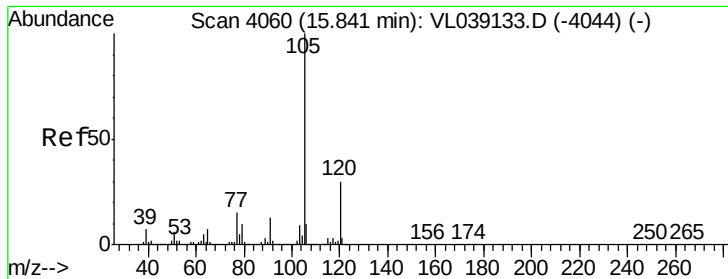
Tot Ion: 95 Resp: 2120759
 Ion Ratio Lower Upper
 95 100
 174 61.9 53.8 80.8
 175 4.5 4.1 6.1



#69
 p-Isopropyltoluene
 Concen: 0.074 ppbv
 RT: 17.65 min Scan# 4624
 Delta R.T. -0.00 min
 Lab File: VL039257.D
 Acq: 13 Jun 2022 18:33

Tgt Ion: 119 Resp: 31911
 Ion Ratio Lower Upper
 119 100
 134 41.7 20.4 30.6#
 91 95.9 24.2 36.4#





#72

4-Ethyltoluene

Concen: 0.143 ppbv

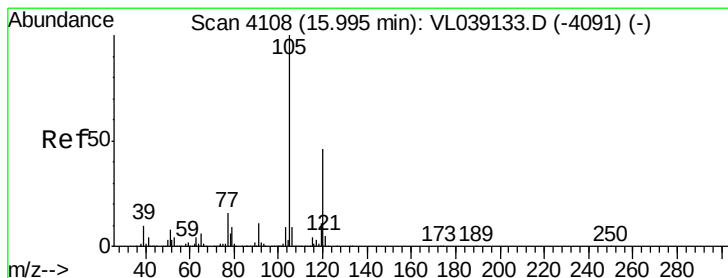
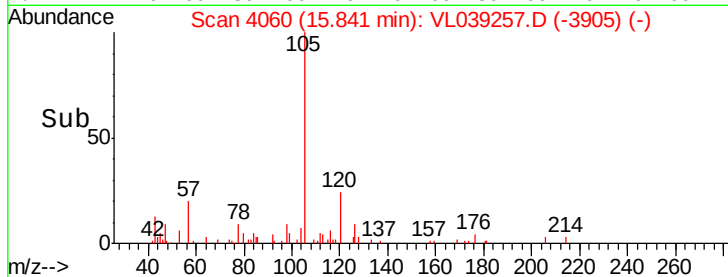
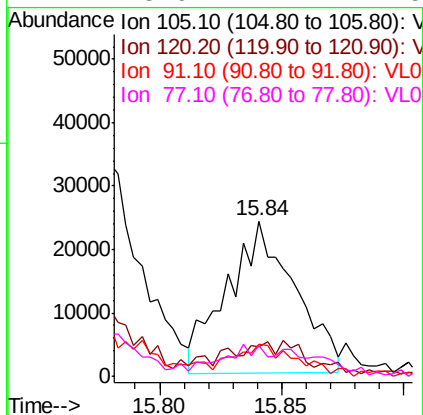
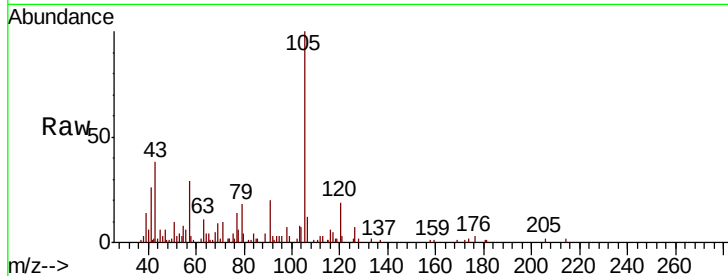
RT: 15.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Jun 2022 18:33

Tot Ion:	105	Resp:	45954
Ion	Ratio	Lower	Upper
105	100		
120	27.9	23.9	35.9
91	20.0	10.6	16.0
77	28.9	11.7	17.5



#73

1,3,5-Trimethylbenzene

Concen: 0.106 ppbv

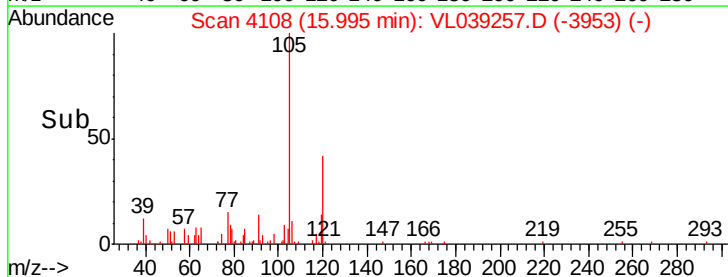
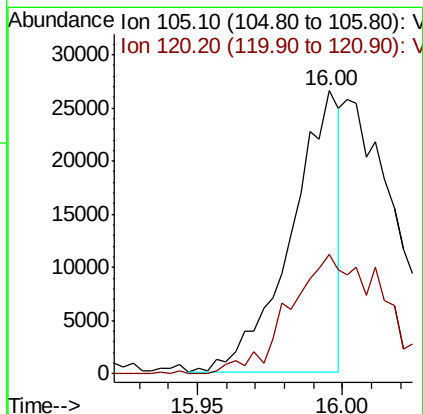
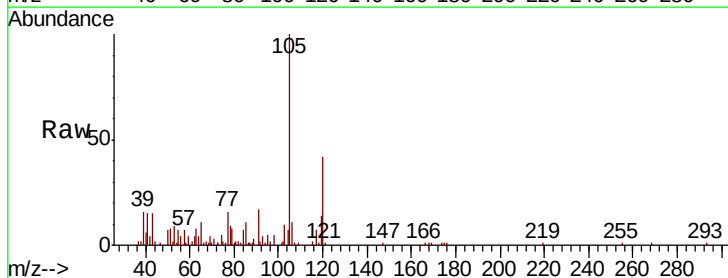
RT: 16.00 min Scan# 4108

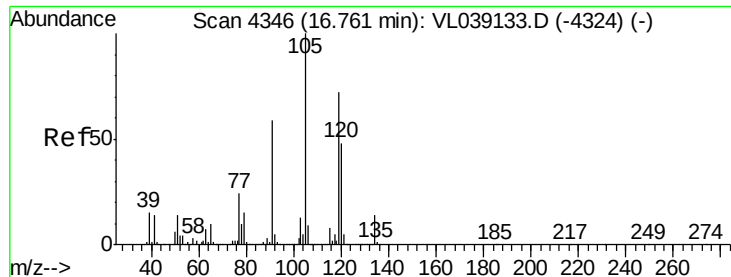
Delta R.T. -0.00 min

Lab File: VL039257.D

Acq: 13 Jun 2022 18:33

Tgt Ion:	105	Resp:	30838
Ion	Ratio	Lower	Upper
105	100		
120	43.4	36.7	55.1





#74
 1,2,4-Trimethylbenzene
 Concen: 0.542 ppbv
 RT: 16.76
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Jun 2022 16:33

Tot Ion:	105	Resp:	175420
Ion	Ratio	Lower	Upper
105	100		
120	44.8	38.1	57.1
91	10.2	47.4	71.0#
77	19.7	19.5	29.3

