

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032822\
 Data File : VL038781.D
 Acq On : 28 Mar 2022 21:41
 Operator : SY/AP
 Sample : N2078-09
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 V-8

Quant Time: Mar 29 06:12:25 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	801352	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2191758	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1987203	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1482037	9.73	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.30%

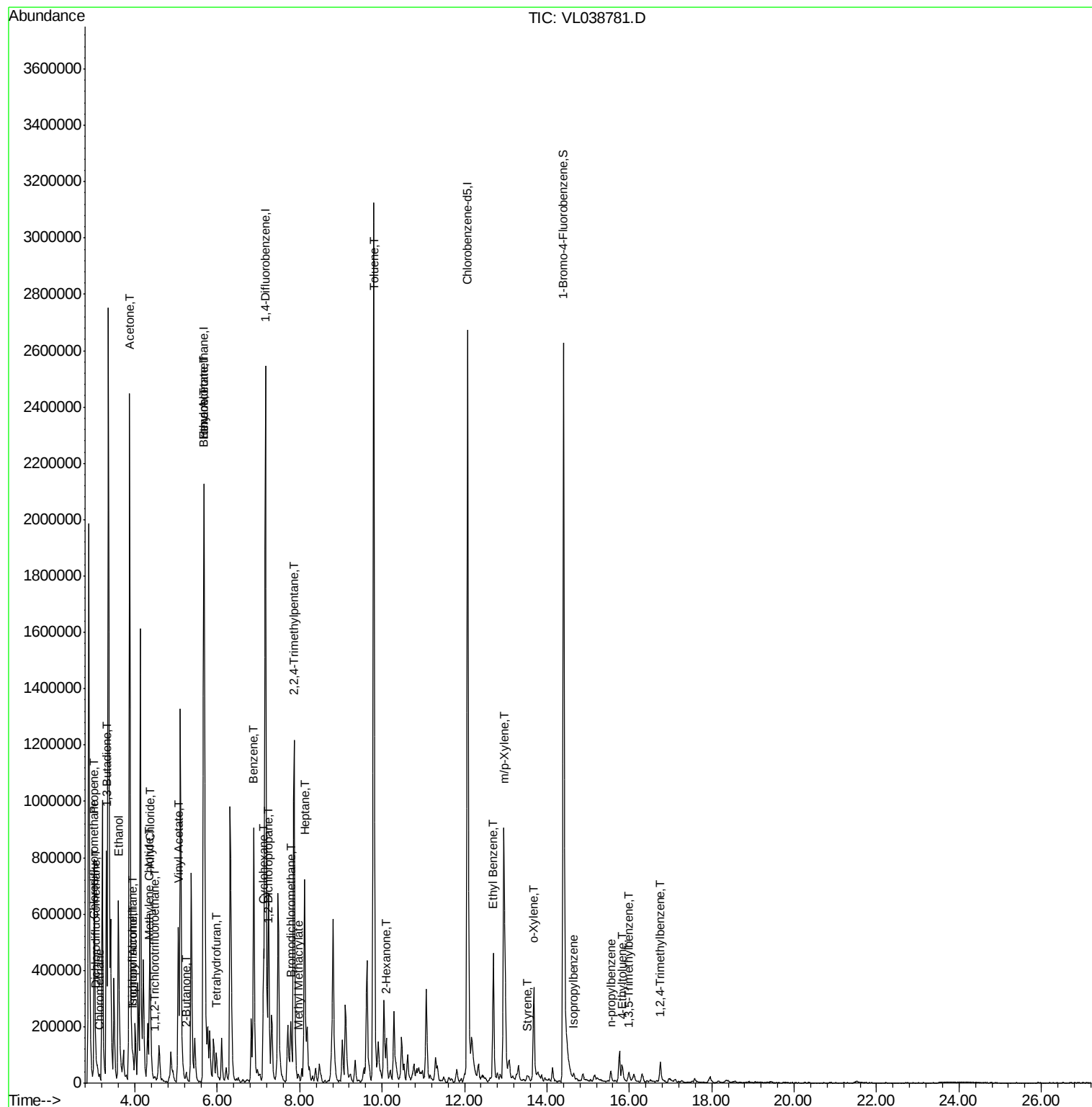
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	33554	0.311	ppbv	95
3) Chlorodifluoromethane	2.99	51	26649	0.315	ppbv	96
4) Chloromethane	3.14	50	23552	0.507	ppbv	98
9) Propene	3.01	41	422619	10.343	ppbv	99
10) Heptane	8.11	43	317035	3.246	ppbv	97
11) Trichlorofluoromethane	3.95	101	25840	0.272	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.48	101	3639	0.050	ppbv #	53
13) Ethanol	3.60	45	919524	204.005	ppbv	100
15) Acetone	3.87	43	1212129	17.530	ppbv #	62
16) 1,3-Butadiene	3.31	39	281260	7.167	ppbv #	38
19) Isopropyl Alcohol	3.96	45	10589	0.276	ppbv #	1
20) Methylene Chloride	4.34	84	55476	1.905	ppbv	92
21) Allyl Chloride	4.36	41	102103	2.052	ppbv #	34
23) Vinyl Acetate	5.06	43	201808	3.014	ppbv #	1
25) Ethyl Acetate	5.68	43	469341	2.696	ppbv #	77
26) Hexane	5.68	57	694030	8.906	ppbv #	39
30) Cyclohexane	7.13	84	179748	2.653	ppbv	92
34) 2-Butanone	5.24	43	35862	0.413	ppbv #	90
36) Benzene	6.88	78	851680	5.035	ppbv	98
39) 1,2-Dichloropropane	7.22	63	8684	0.131	ppbv #	36
41) Tetrahydrofuran	5.98	42	12196	0.189	ppbv #	38
42) Bromodichloromethane	7.78	83	23239	0.180	ppbv #	25
43) Methyl Methacrylate	7.98	69	2854	0.045	ppbv #	1
44) 2,2,4-Trimethylpentane	7.86	57	1135628	3.998	ppbv #	87
51) 2-Hexanone	10.10	43	54710	0.472	ppbv #	30
53) Toluene	9.80	91	2534853	13.946	ppbv	100
58) Ethyl Benzene	12.70	91	427343	1.839	ppbv	94
59) m/p-Xylene	12.95	91	971324	4.780	ppbv	96
60) o-Xylene	13.68	91	284501	1.475	ppbv	98
61) Styrene	13.52	104	3878	0.037	ppbv #	38
62) Isopropylbenzene	14.65	105	11443	0.039	ppbv #	72
64) n-propylbenzene	15.55	120	2350	0.031	ppbv #	1
72) 4-Ethyltoluene	15.82	105	21694	0.095	ppbv #	44
73) 1,3,5-Trimethylbenzene	15.99	105	12349	0.059	ppbv	95
74) 1,2,4-Trimethylbenzene	16.75	105	57502	0.254	ppbv #	75

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

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V-8

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032122AIR.M
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QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Mar 2022 21:41

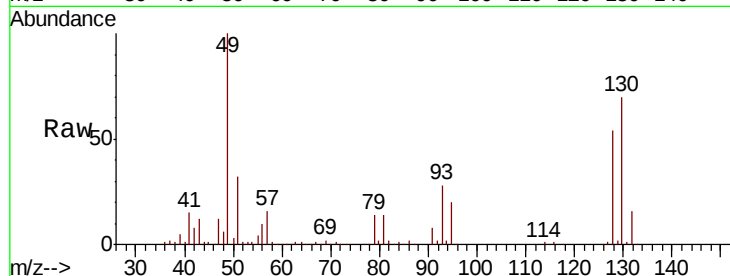
Tot Ion: 49 Resp: 801352

Ion Ratio Lower Upper

49 100

128 55.0 26.2 78.6

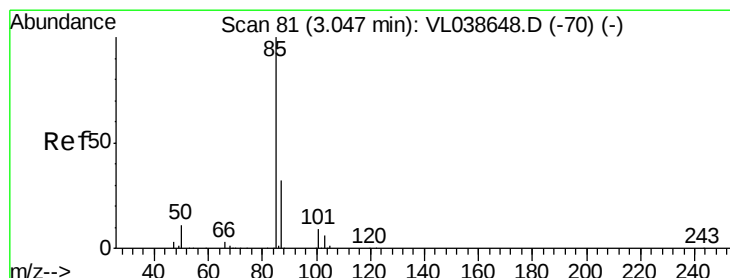
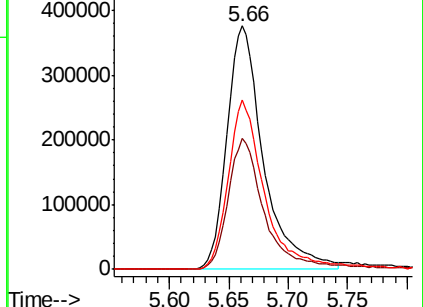
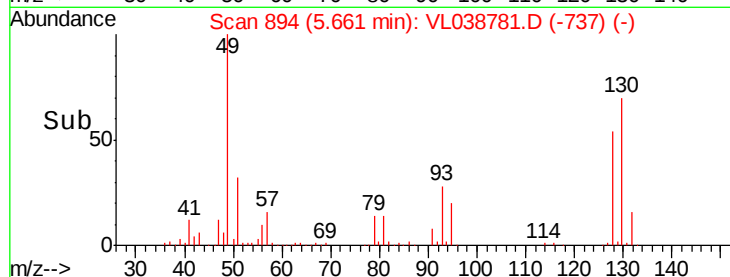
130 71.5 33.7 101.1



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: 0.311 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL038781.D

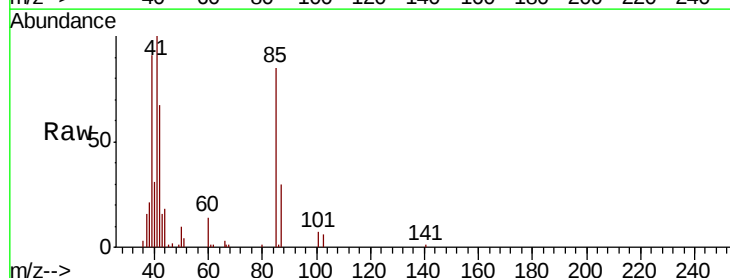
Acq: 28 Mar 2022 21:41

Tgt Ion: 85 Resp: 33554

Ion Ratio Lower Upper

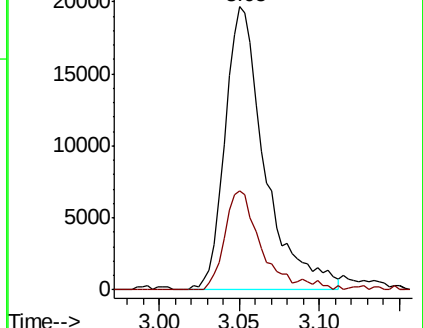
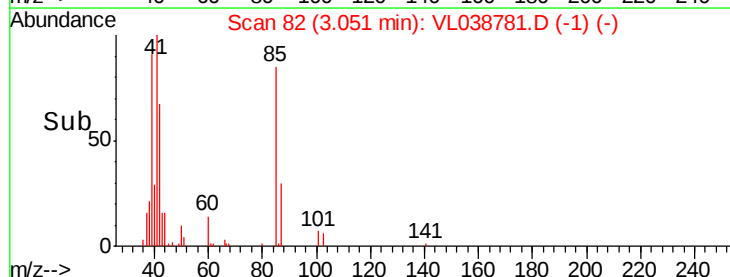
85 100

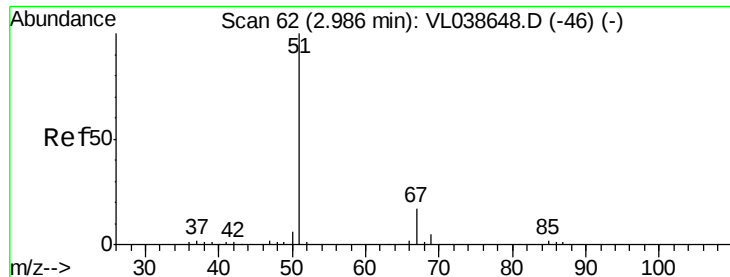
87 35.0 26.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.315 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: V-8

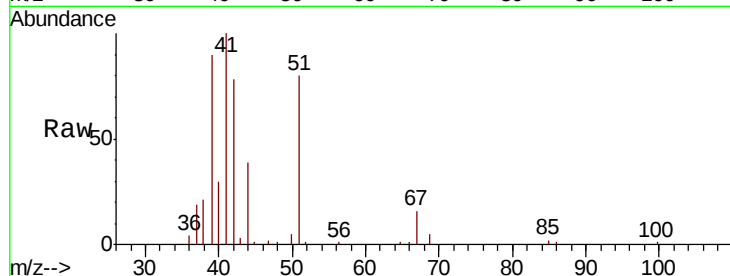
Acq: 28 Mar 2022 21:41

Tot Ion: 51 Resp: 26649

Ion Ratio Lower Upper

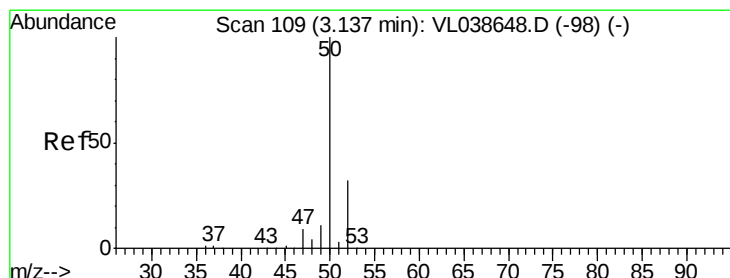
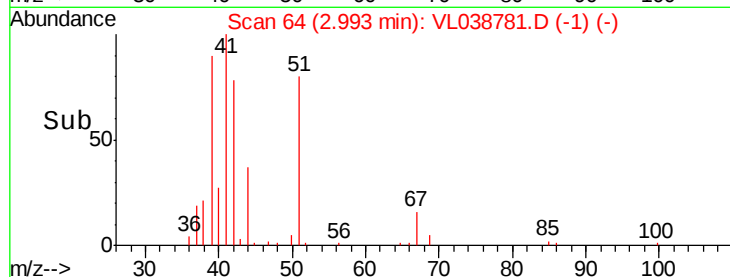
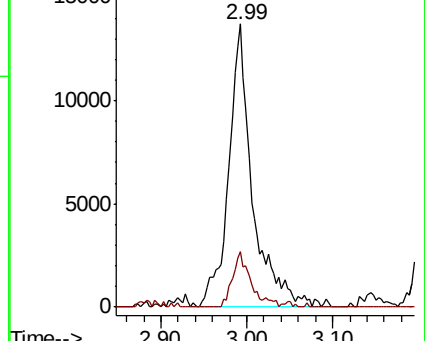
51 100

67 15.8 14.1 21.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.507 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.00 min

Lab File: VL038781.D

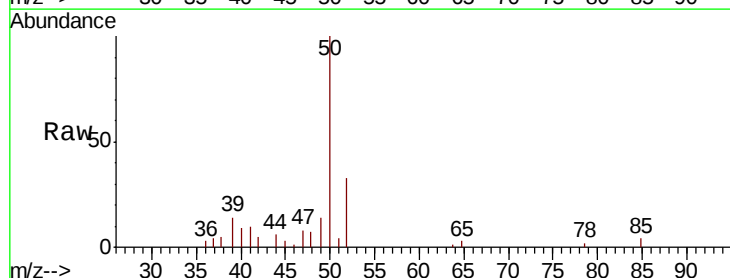
Acq: 28 Mar 2022 21:41

Tgt Ion: 50 Resp: 23552

Ion Ratio Lower Upper

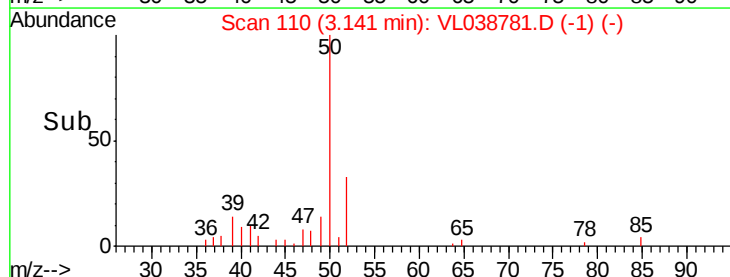
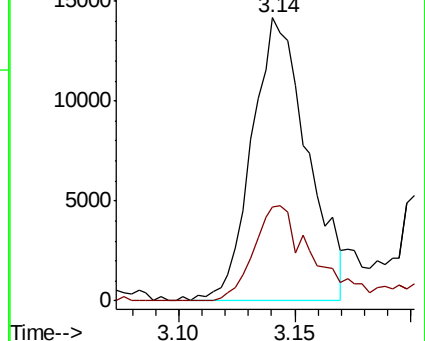
50 100

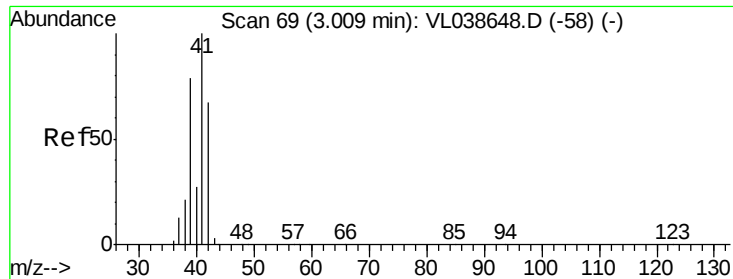
52 33.1 25.5 38.3



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 10.343 ppbv

RT: 3.01 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

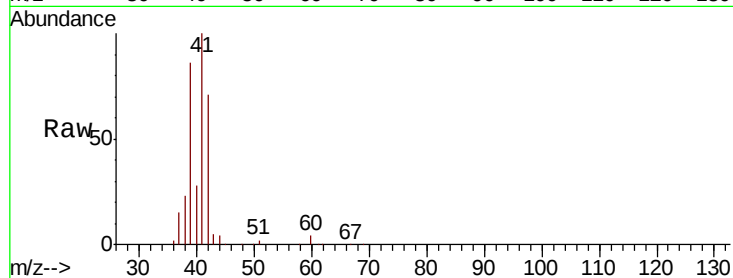
Acq: 28 Mar 2022 21:41

Tot Ion: 41 Resp: 422619

Ion Ratio Lower Upper

41 100

42 69.6 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.01

250000

200000

150000

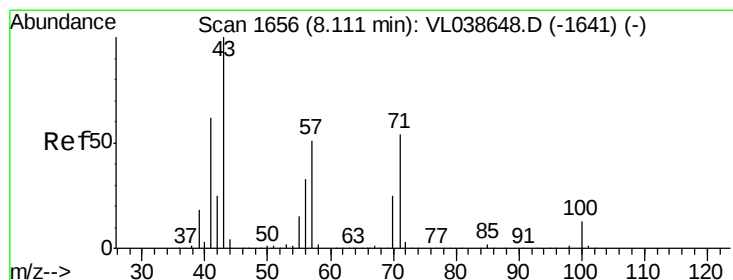
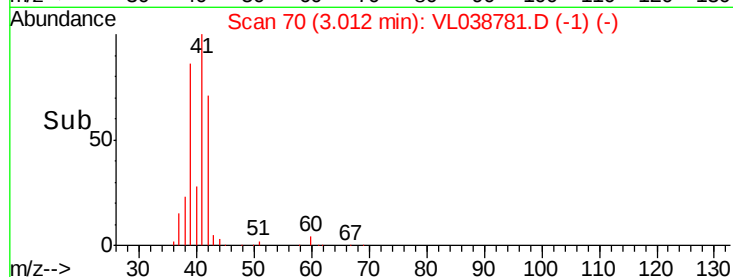
100000

50000

0

Time-->

2.95 3.00 3.05 3.10 3.15



#10

Heptane

Concen: 3.246 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VL038781.D

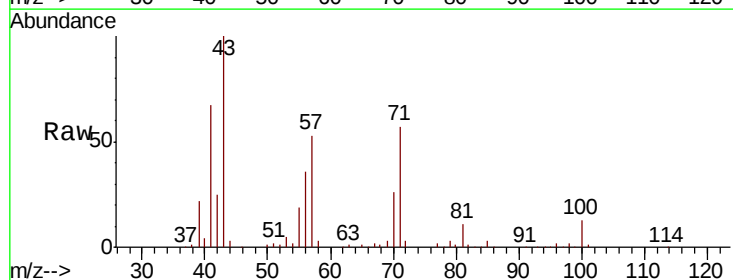
Acq: 28 Mar 2022 21:41

Tgt Ion: 43 Resp: 317035

Ion Ratio Lower Upper

43 100

57 54.0 41.4 62.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.11

150000

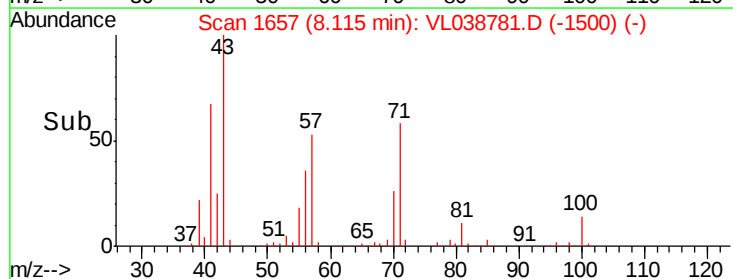
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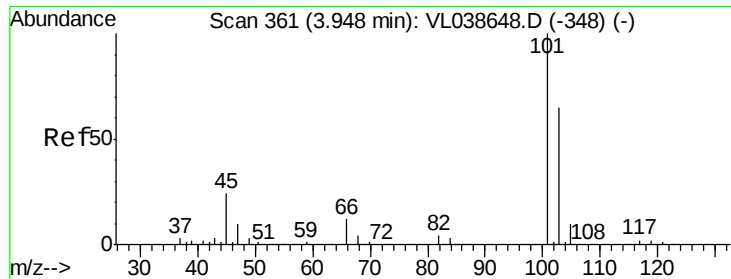
50000

0

Time-->

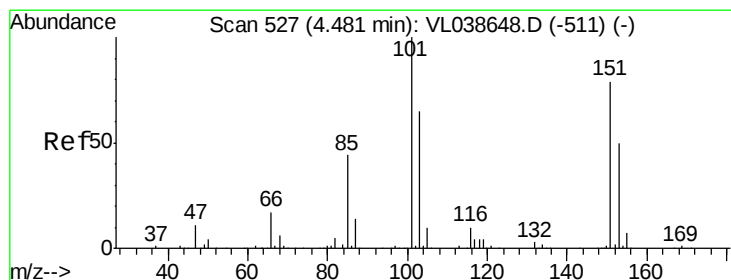
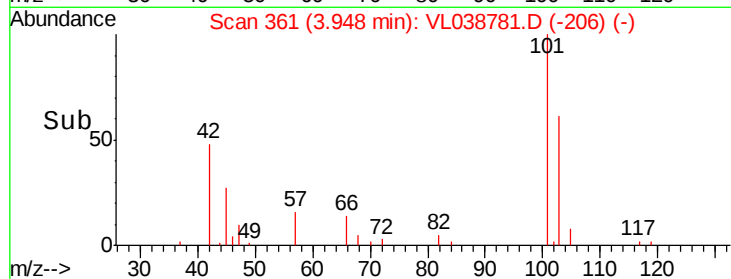
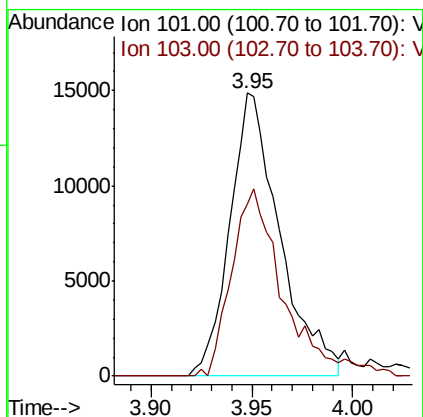
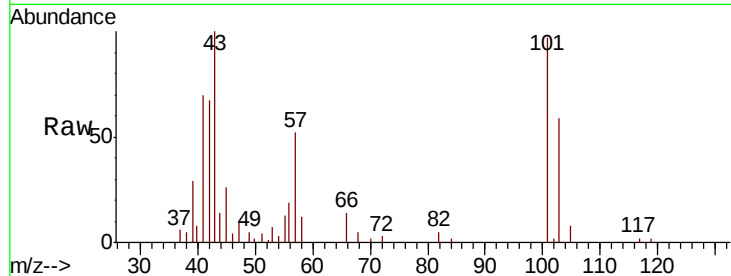
8.05 8.10 8.15 8.20





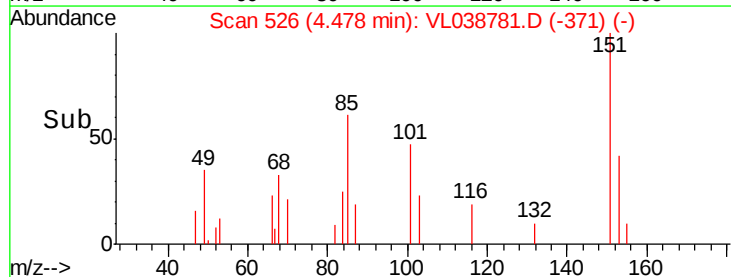
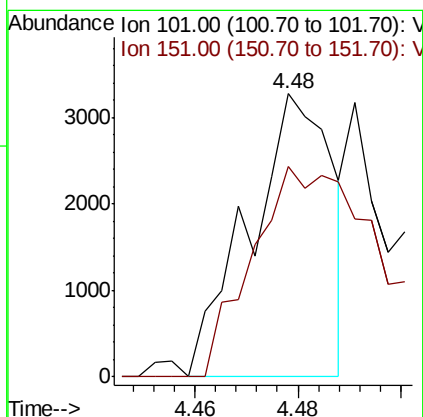
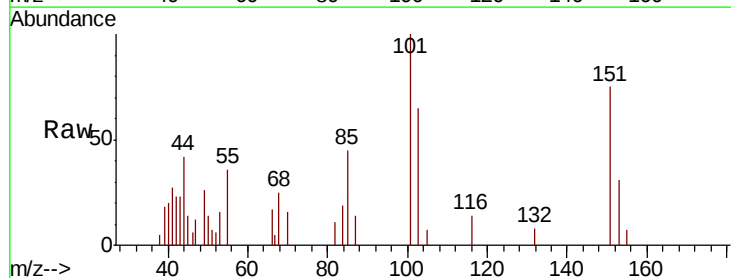
#11
 Trichlorofluoromethane
 Concen: 0.272 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 28 Mar 2022 21:41

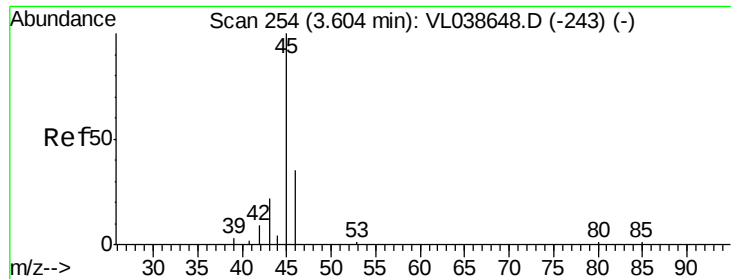
Tot Ion:101 Resp: 25840
 Ion Ratio Lower Upper
 101 100
 103 60.7 51.9 77.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.050 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: VL038781.D
 Acq: 28 Mar 2022 21:41

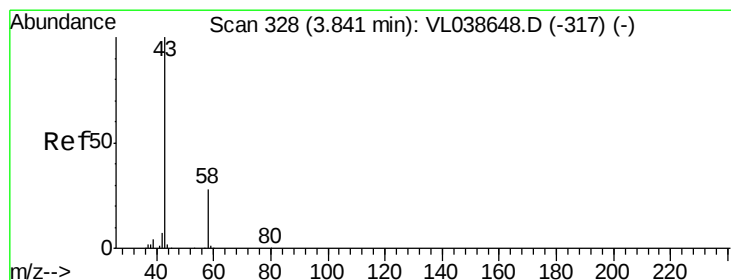
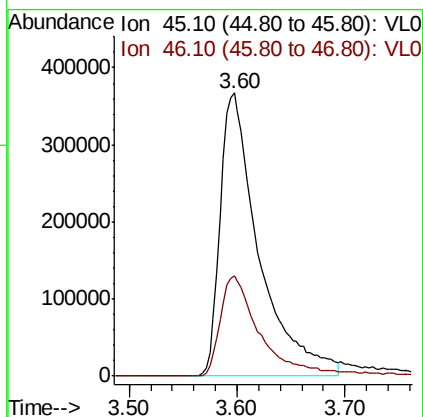
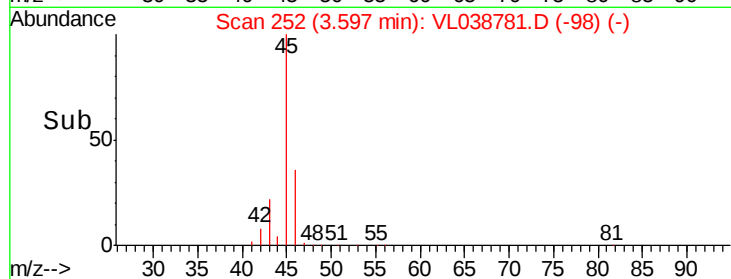
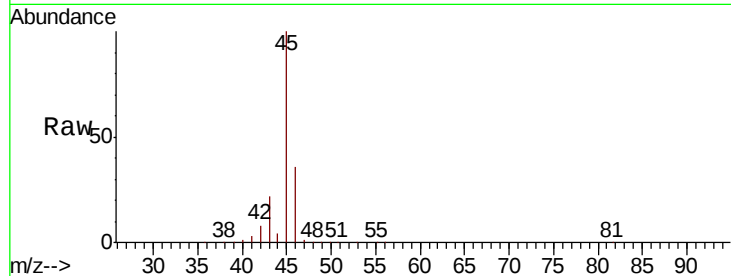
Tgt Ion:101 Resp: 3639
 Ion Ratio Lower Upper
 101 100
 151 120.1 62.9 94.3#





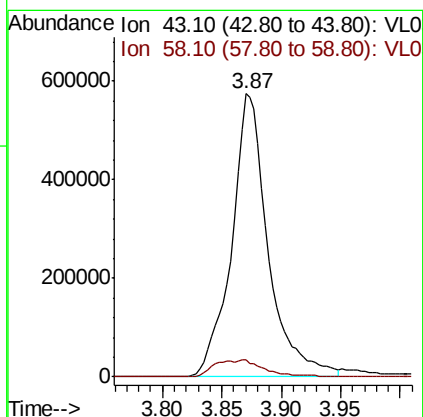
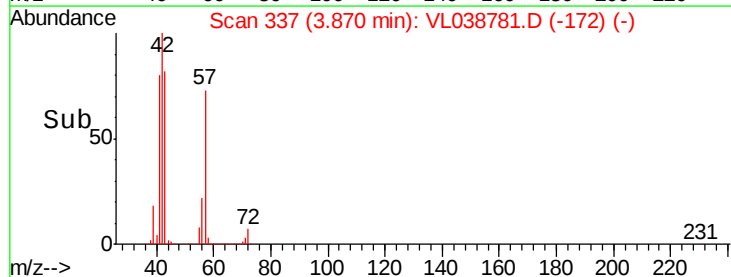
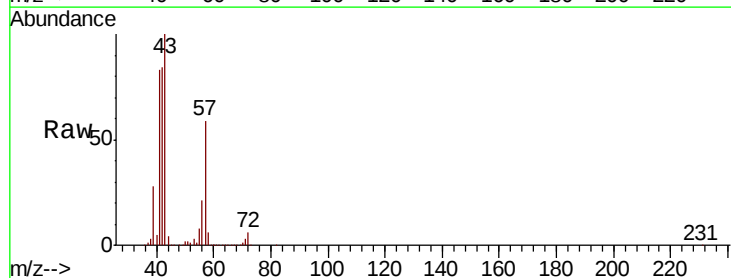
#13
Ethanol
Concen: 204.005 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Mar 2022 21:41

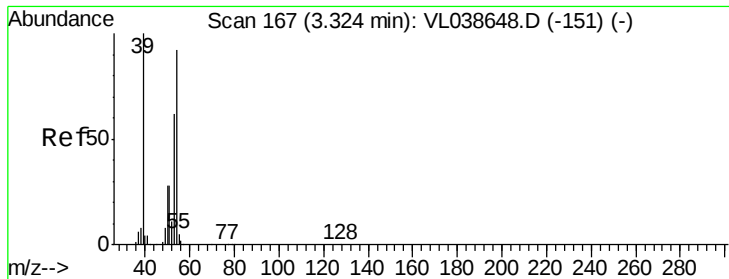
Tot Ion: 45 Resp: 919524
Ion Ratio Lower Upper
45 100
46 38.0 15.1 60.5



#15
Acetone
Concen: 17.530 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.03 min
Lab File: VL038781.D
Acq: 28 Mar 2022 21:41

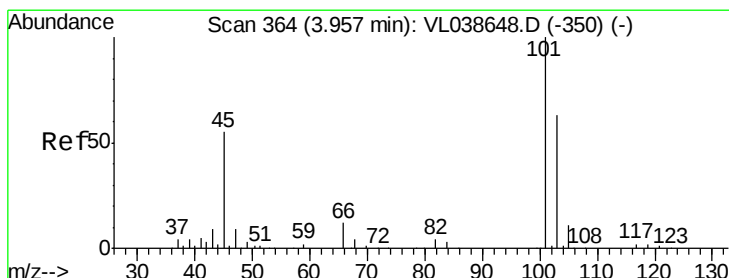
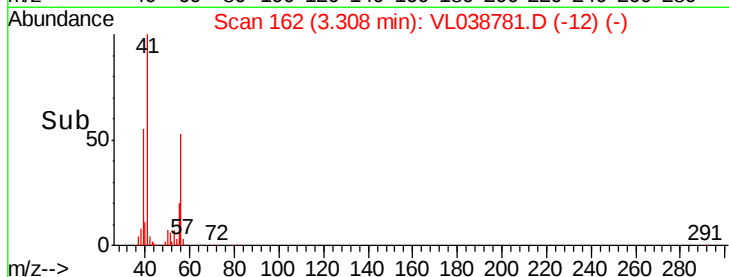
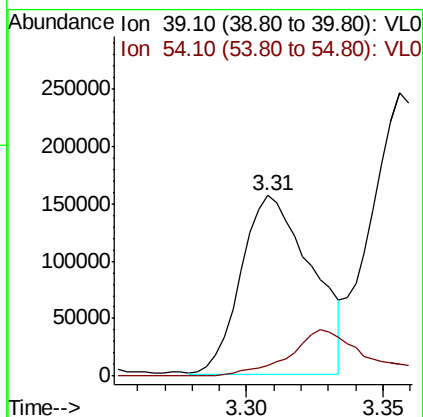
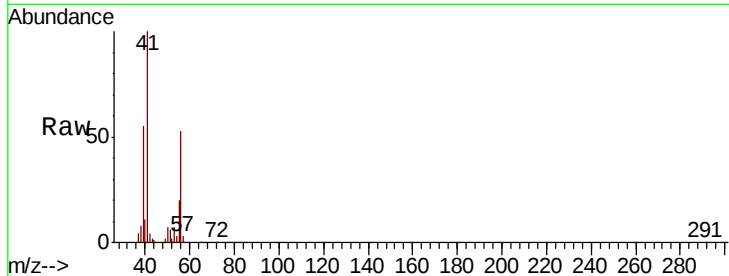
Tgt Ion: 43 Resp: 1212129
Ion Ratio Lower Upper
43 100
58 8.8 23.3 34.9#





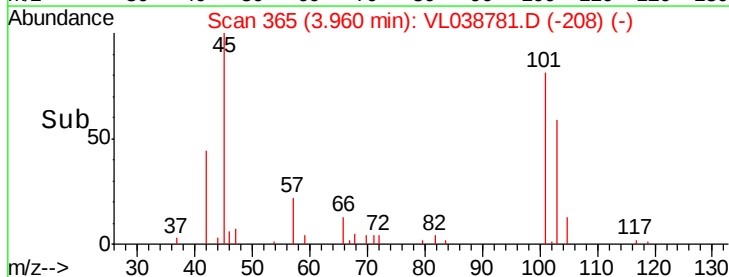
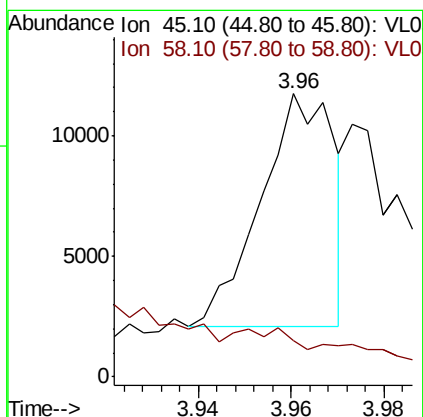
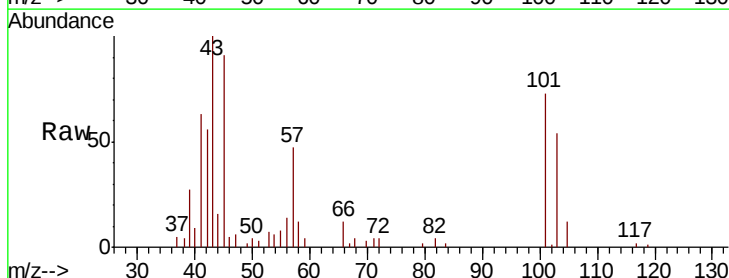
#16
 1,3-Butadiene
 Concen: 7.167 ppbv
 RT: 3.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 V-8
 Acq: 28 Mar 2022 21:41

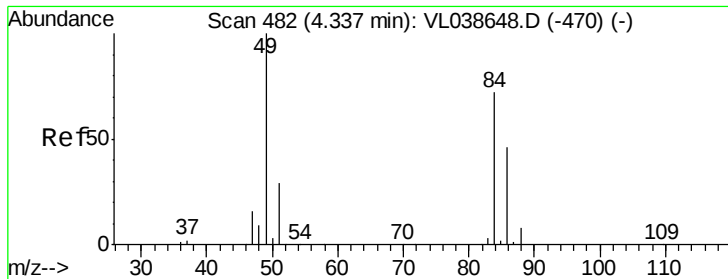
Tot Ion: 39 Resp: 281260
 Ion Ratio Lower Upper
 39 100
 54 29.3 69.1 103.7#



#19
 Isopropyl Alcohol
 Concen: 0.276 ppbv
 RT: 3.96 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VL038781.D
 Acq: 28 Mar 2022 21:41

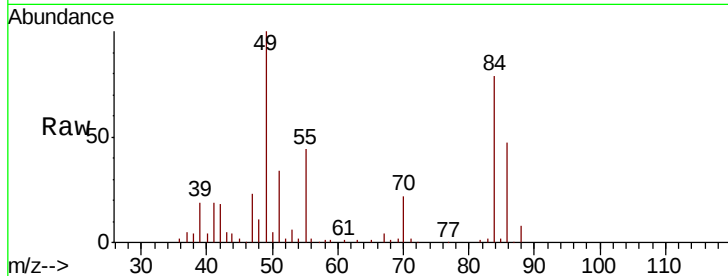
Tgt Ion: 45 Resp: 10589
 Ion Ratio Lower Upper
 45 100
 58 1008.8 2.3 3.5#



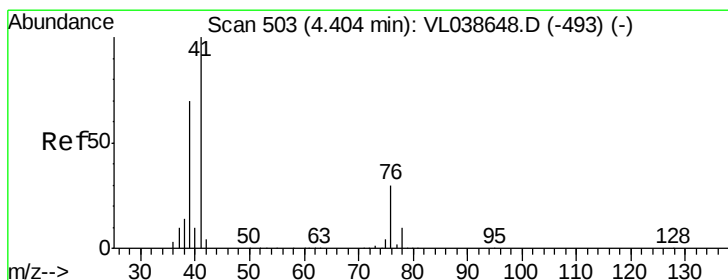
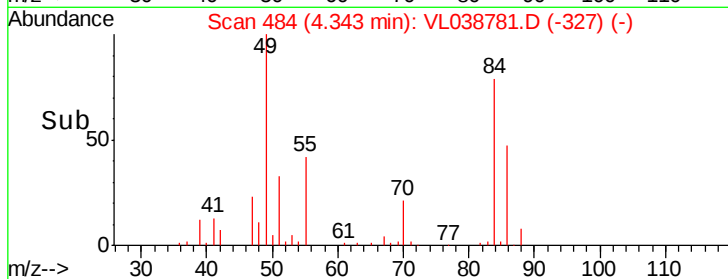
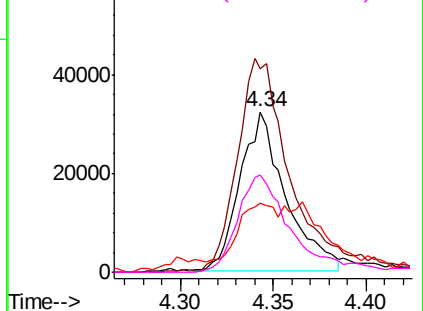


#20
Methvlene Chloride
Concen: 1.905 ppbv
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 28 Mar 2022 21:41

Tot Ion:	84	Resp:	55476
Ion	Ratio	Lower	Upper
84	100		
49	126.4	111.2	166.8
51	36.2	32.8	49.2
86	60.7	51.4	77.0

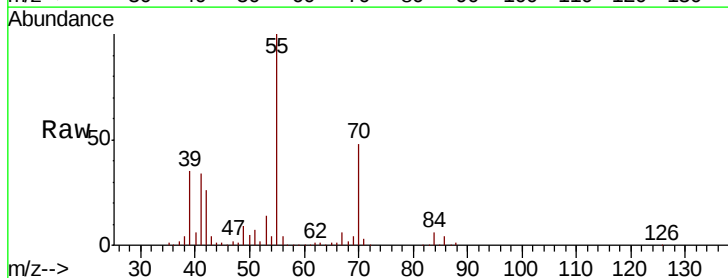


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

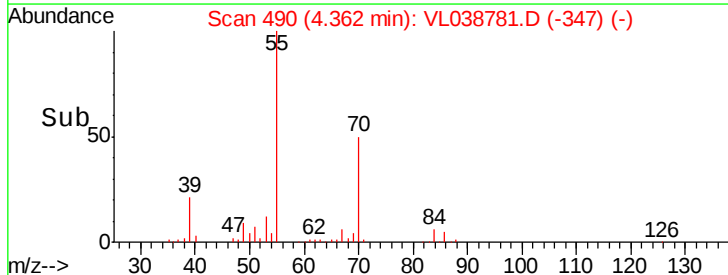
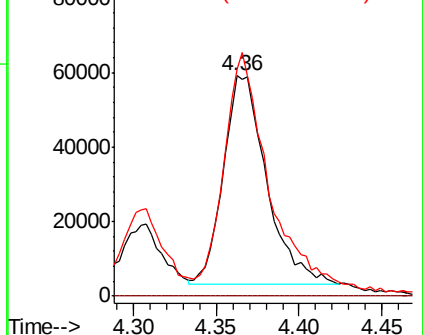


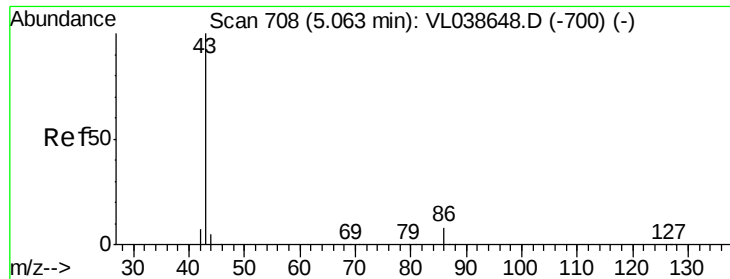
#21
Allyl Chloride
Concen: 2.052 ppbv
RT: 4.36 min Scan# 490
Delta R.T. -0.04 min
Lab File: VL038781.D
Acq: 28 Mar 2022 21:41

Tgt Ion:	41	Resp:	102103
Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.0	37.6#
39	128.7	56.6	85.0#



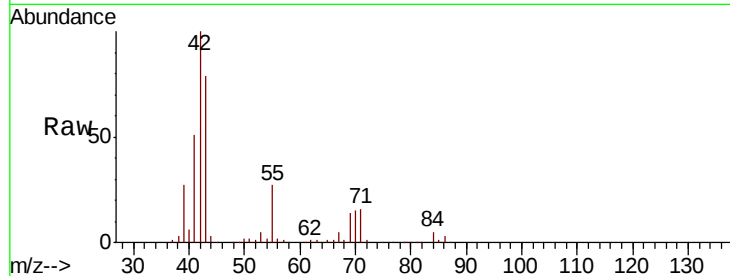
Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0





#23
 Vinyl Acetate
 Concen: 3.014 ppbv
 RT: 5.06
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 V-8
 Acq: 28 Mar 2022 21:41

Tot Ion:	43	Resp:	201808
Ion	Ratio	Lower	Upper
43	100		
86	4.1	5.6	8.4#
42	126.0	6.8	10.2#
44	3.1	4.2	6.2#



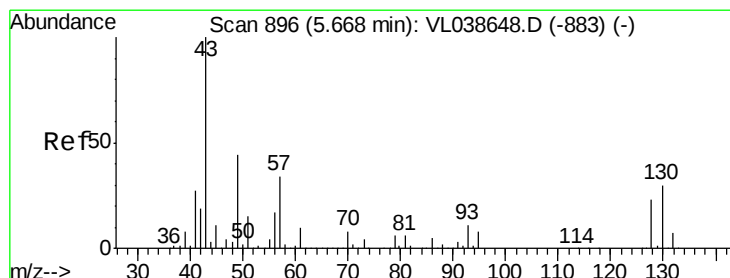
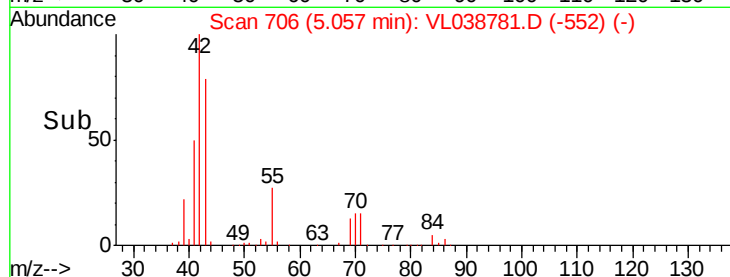
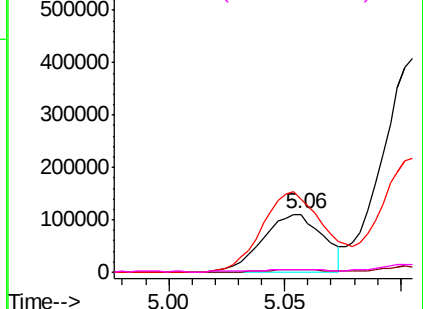
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

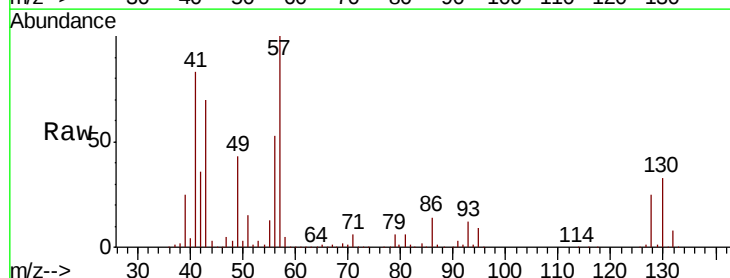
Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25
 Ethyl Acetate
 Concen: 2.696 ppbv
 RT: 5.68 min Scan# 900
 Delta R.T.: 0.01 min
 Lab File: VL038781.D
 Acq: 28 Mar 2022 21:41

Tgt Ion:	43	Resp:	469341
Ion	Ratio	Lower	Upper
43	100		
45	1.2	8.2	12.4#
61	0.5	8.3	12.5#
70	2.0	5.6	8.4#



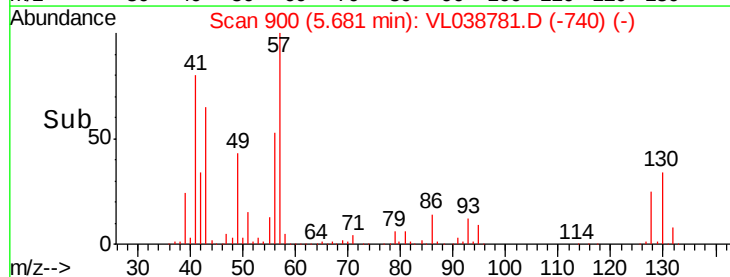
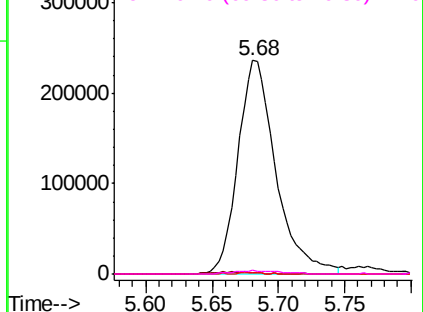
Abundance

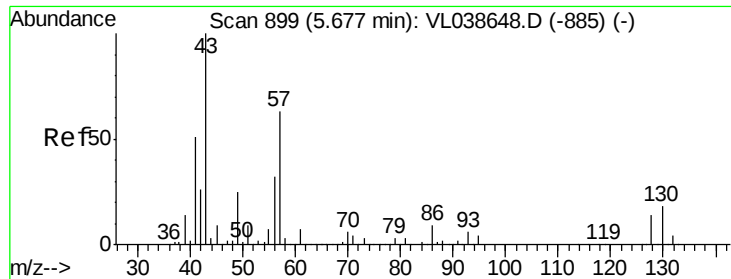
Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

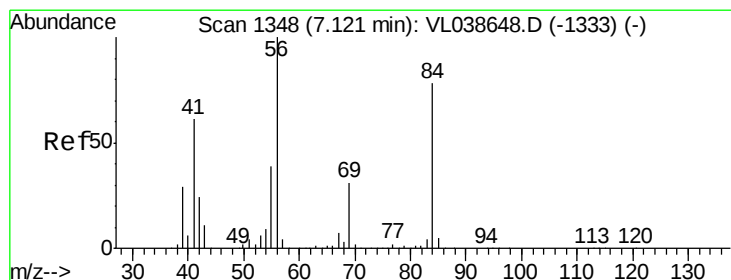
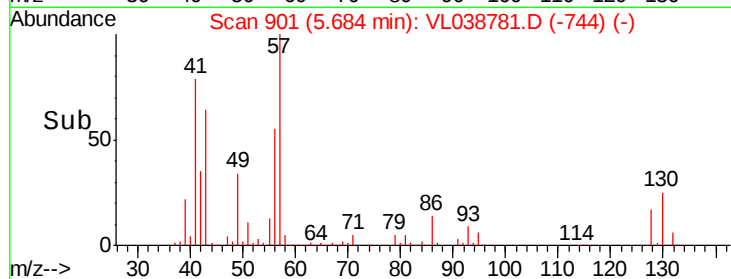
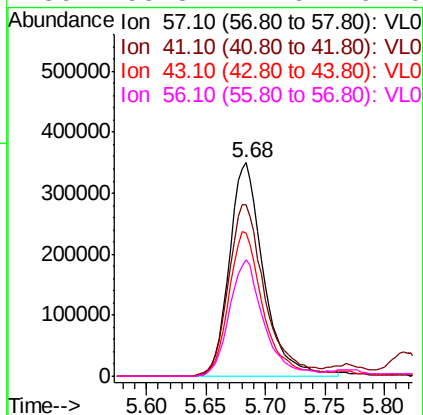
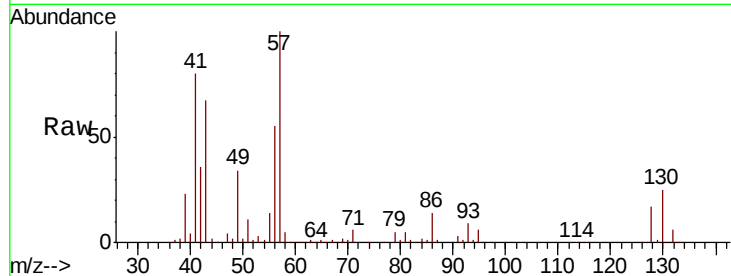
Ion 70.10 (69.80 to 70.80): VL0





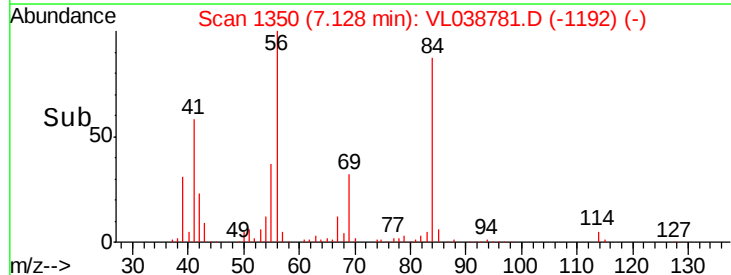
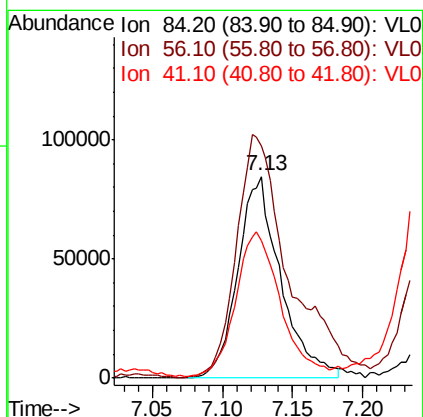
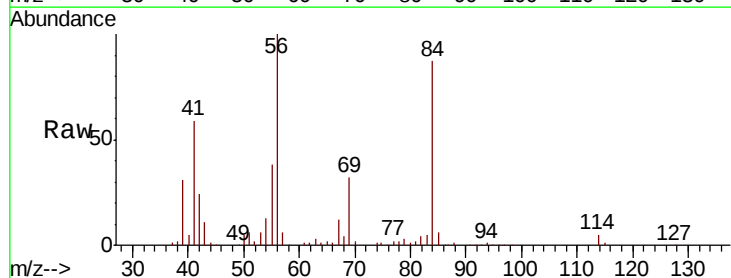
#26
Hexane
Concen: 8.906 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Mar 2022 21:41

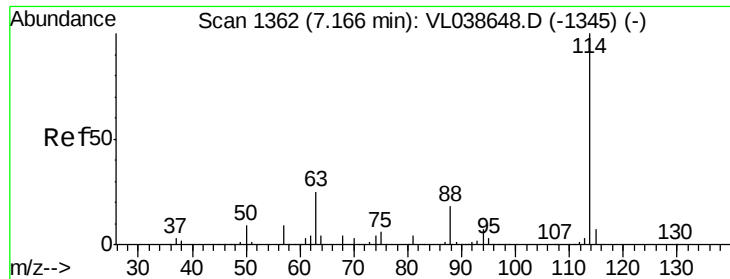
Tot Ion	57	Resp	694030
Ion Ratio	Lower	Upper	
57	100		
41	86.5	67.0	100.4
43	71.7	184.2	276.2#
56	55.3	42.6	64.0



#30
Cyclohexane
Concen: 2.653 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.01 min
Lab File: VL038781.D
Acq: 28 Mar 2022 21:41

Tgt Ion	84	Resp	179748
Ion Ratio	Lower	Upper	
84	100		
56	148.2	108.2	162.4
41	73.7	61.8	92.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Mar 2022 21:41

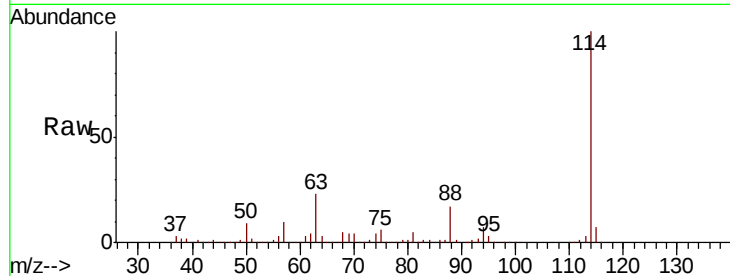
Tot Ion:114 Resp: 2191758

Ion Ratio Lower Upper

114 100

63 23.8 19.4 29.0

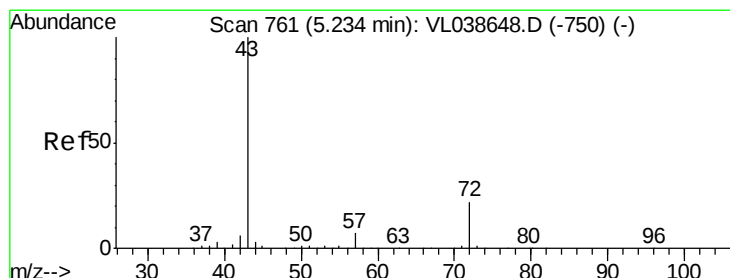
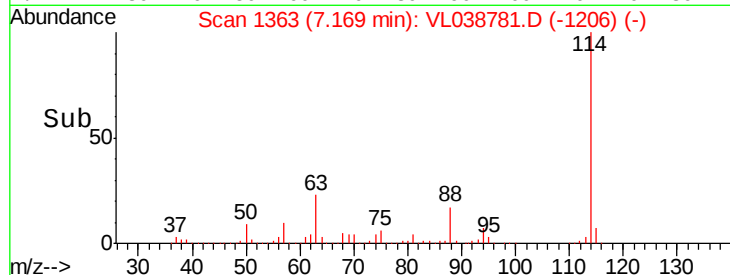
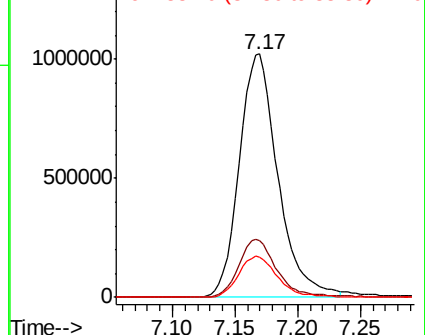
88 17.4 13.9 20.9



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 0.413 ppbv

RT: 5.24 min Scan# 764

Delta R.T. 0.01 min

Lab File: VL038781.D

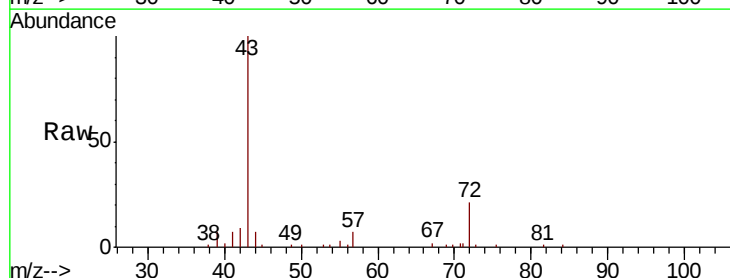
Acq: 28 Mar 2022 21:41

Tgt Ion: 43 Resp: 35862

Ion Ratio Lower Upper

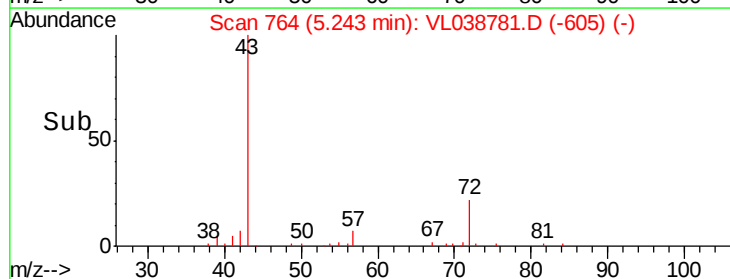
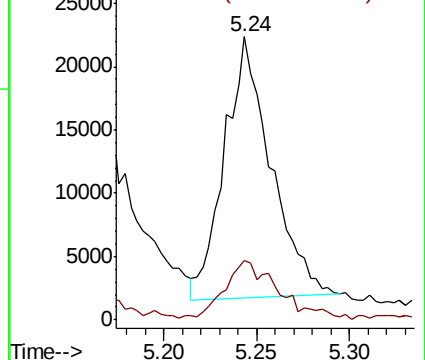
43 100

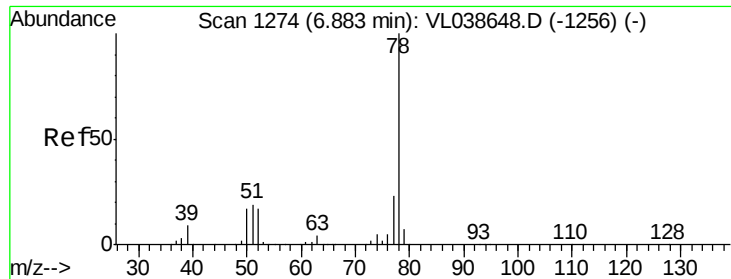
72 27.2 17.8 26.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

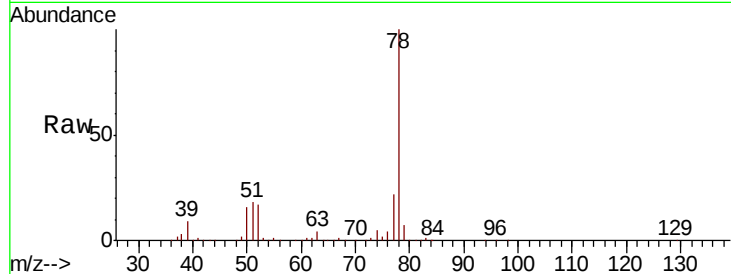
Ion 72.10 (71.80 to 72.80): VL0



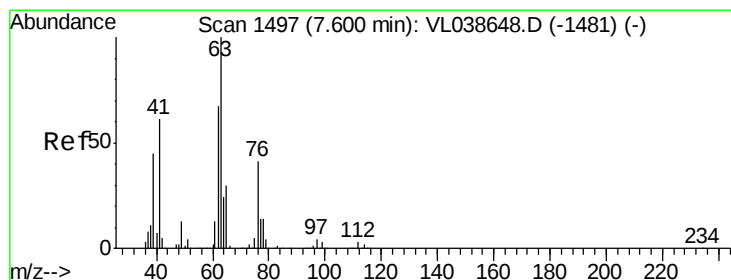
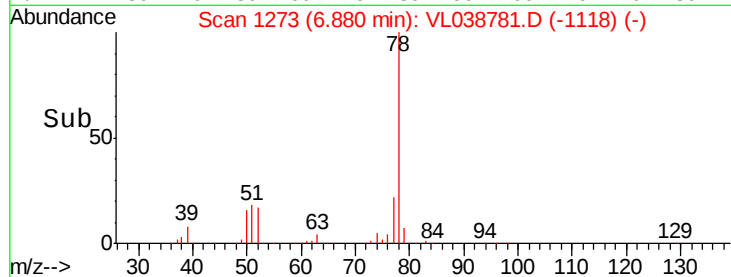
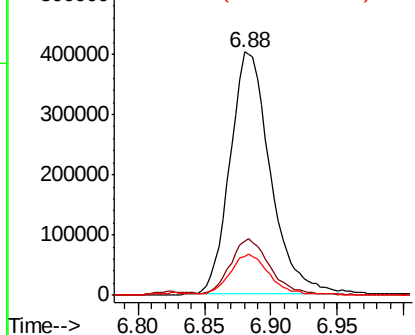


#36
Benzene
Concen: 5.035 ppbv
RT: 6.88
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Mar 2022 21:41

Tot Ion: 78 Resp: 851680
Ion Ratio Lower Upper
78 100
77 22.2 18.1 27.1
50 15.6 13.6 20.4

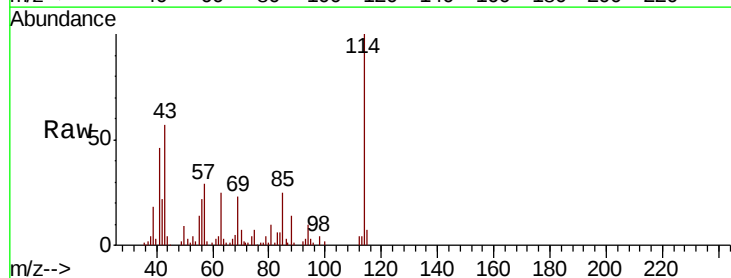


Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0

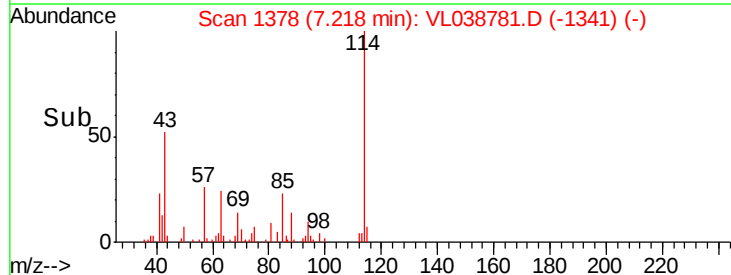
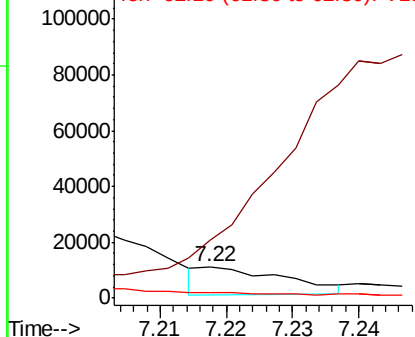


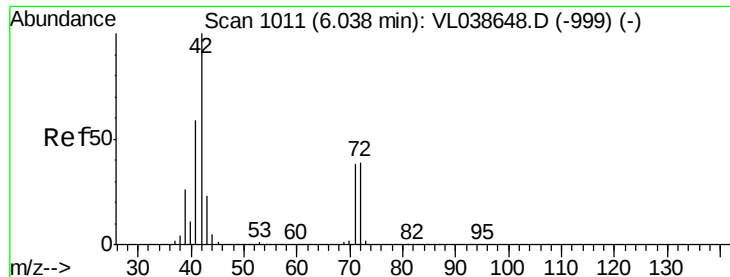
#39
1,2-Dichloropropane
Concen: 0.131 ppbv
RT: 7.22 min Scan# 1378
Delta R.T. -0.38 min
Lab File: VL038781.D
Acq: 28 Mar 2022 21:41

Tgt Ion: 63 Resp: 8684
Ion Ratio Lower Upper
63 100
41 100.0 49.0 73.6#
62 6.0 53.9 80.9#



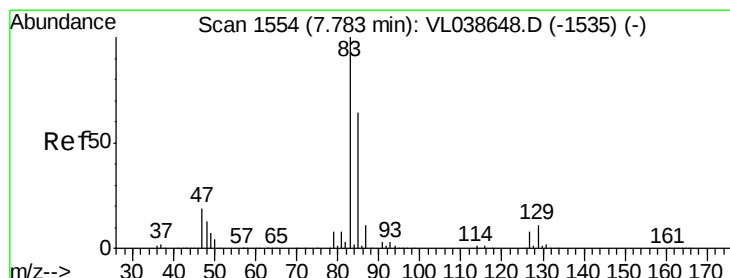
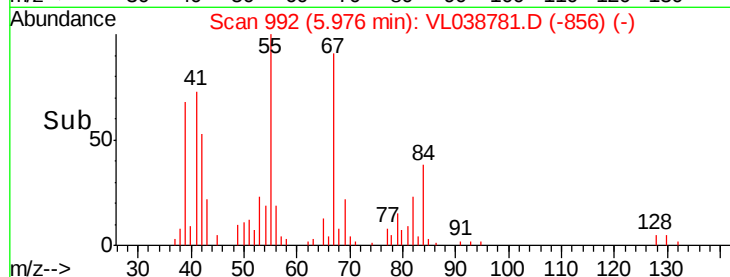
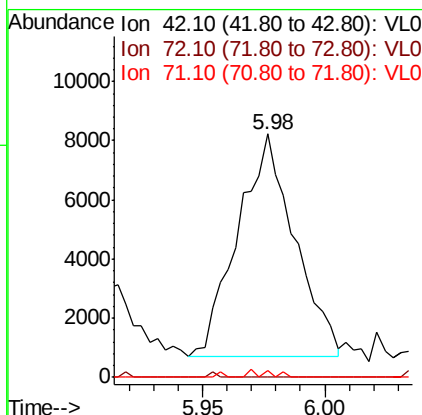
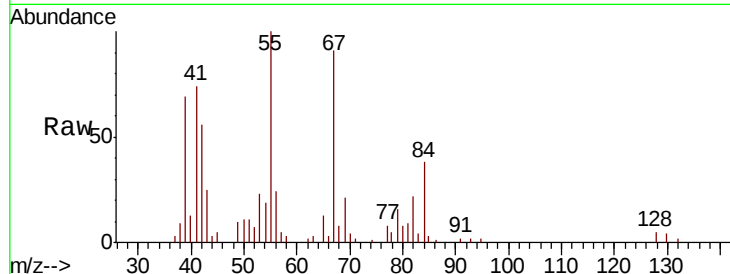
Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0





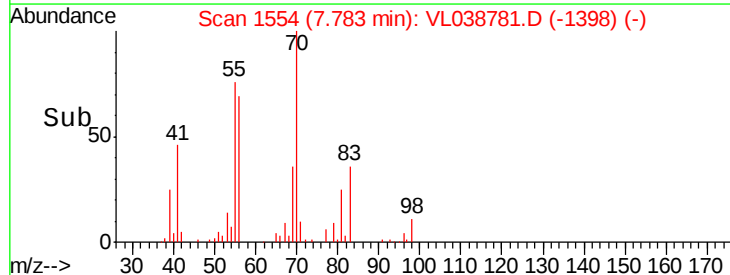
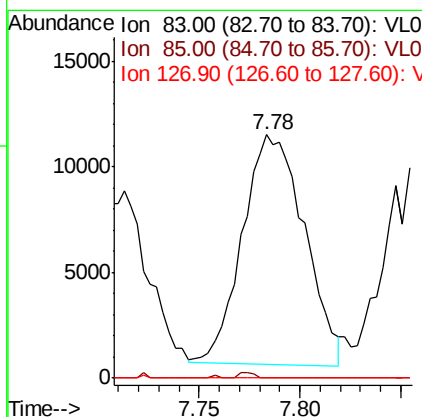
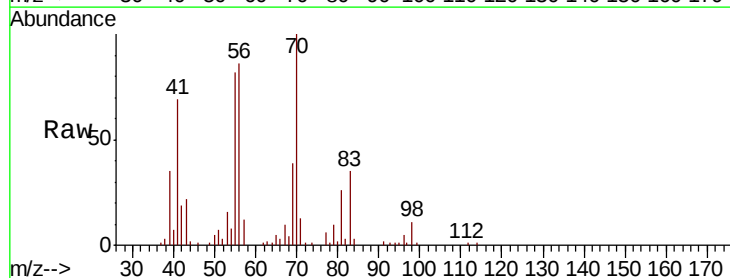
#41
Tetrahydrofuran
Concen: 0.189 ppbv
RT: 5.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 28 Mar 2022 21:41

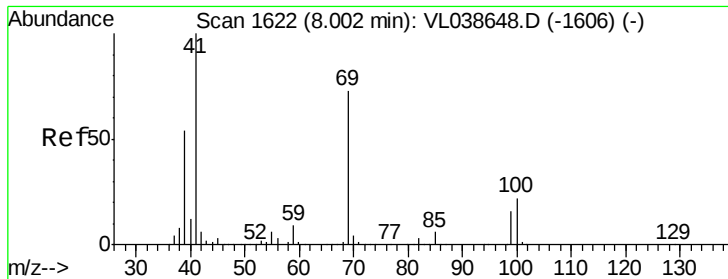
Tot Ion	Ratio	Lower	Upper
42	100		
72	3.1	32.5	48.7#
71	0.0	31.4	47.2#



#42
Bromodichloromethane
Concen: 0.180 ppbv
RT: 7.78 min Scan# 1554
Delta R.T.: -0.00 min
Lab File: VL038781.D
Acq: 28 Mar 2022 21:41

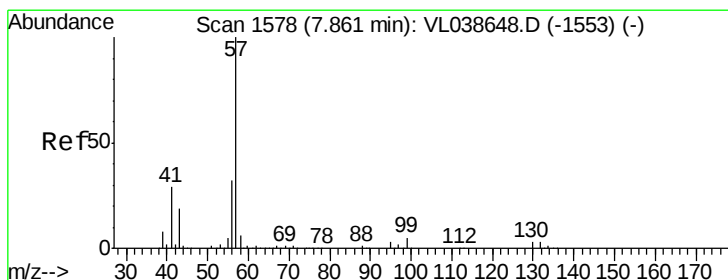
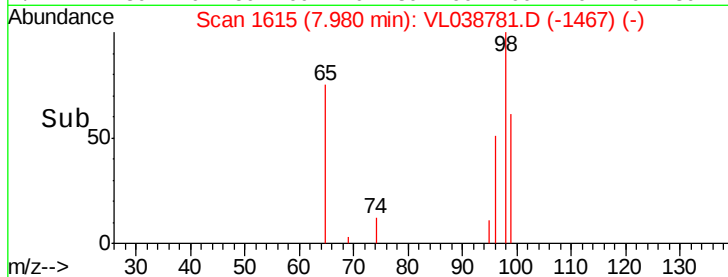
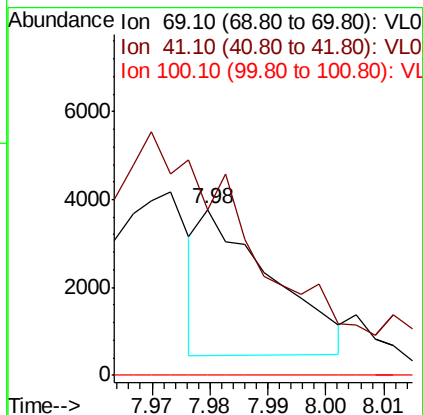
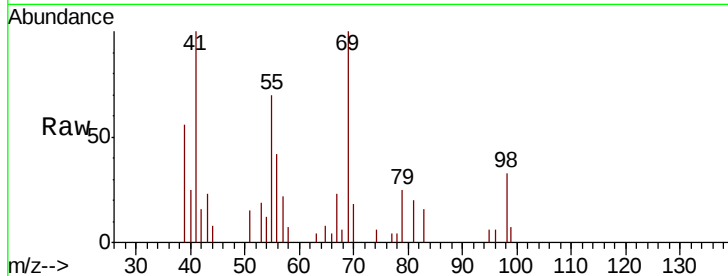
Tgt Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.1	76.7#
127	0.0	6.5	9.7#





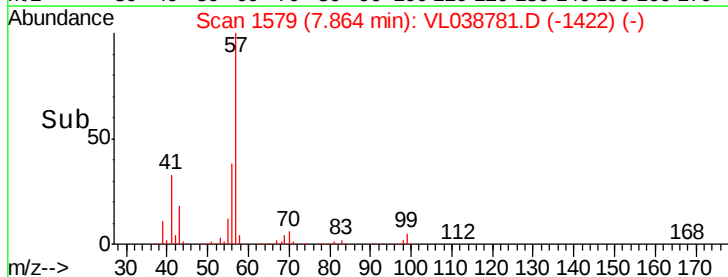
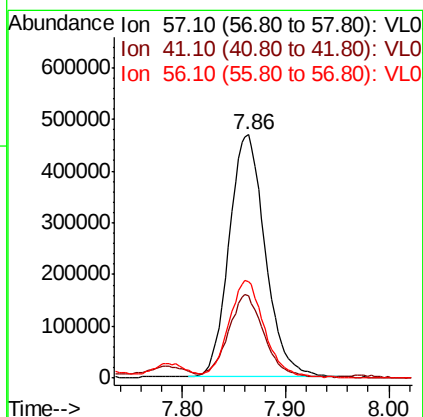
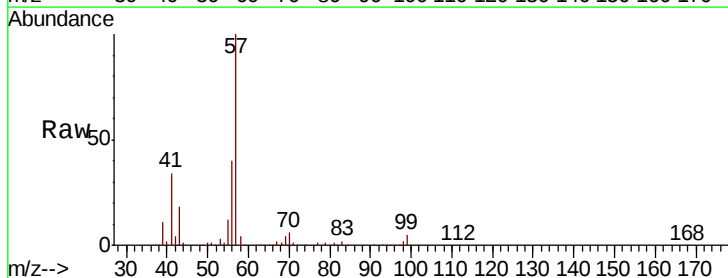
#43
Methyl Methacrylate
Concen: 0.045 ppbv
RT: 7.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 28 Mar 2022 21:41

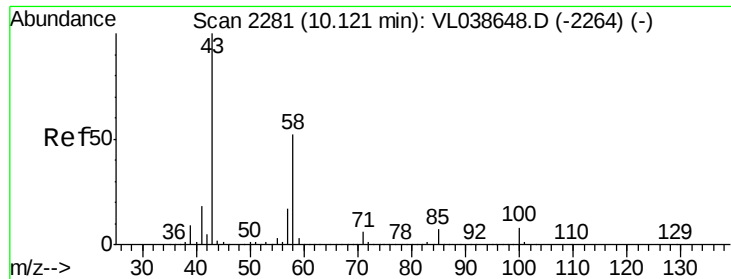
Tot Ion: 69 Resp: 2854
Ion Ratio Lower Upper
69 100
41 0.0 110.3 165.5#
100 0.0 24.8 37.2#



#44
2,2,4-Trimethylpentane
Concen: 3.998 ppbv
RT: 7.86 min Scan# 1579
Delta R.T.: 0.00 min
Lab File: VL038781.D
Acq: 28 Mar 2022 21:41

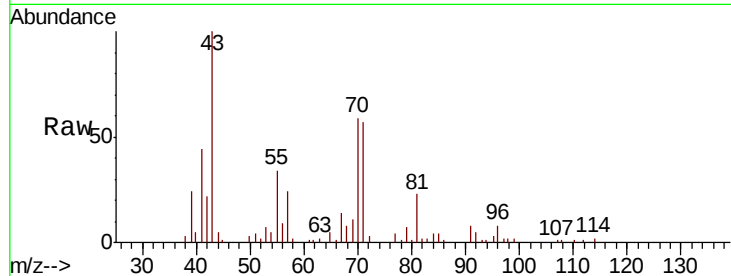
Tgt Ion: 57 Resp: 1135628
Ion Ratio Lower Upper
57 100
41 34.6 23.0 34.4#
56 40.1 25.3 37.9#



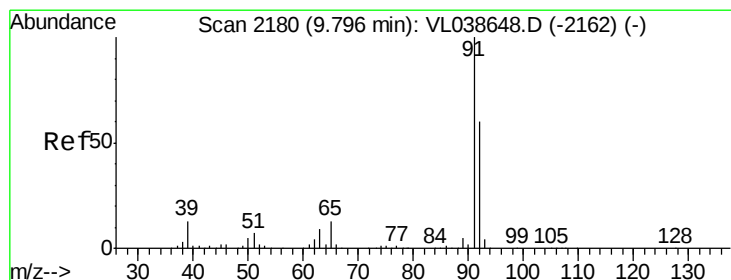
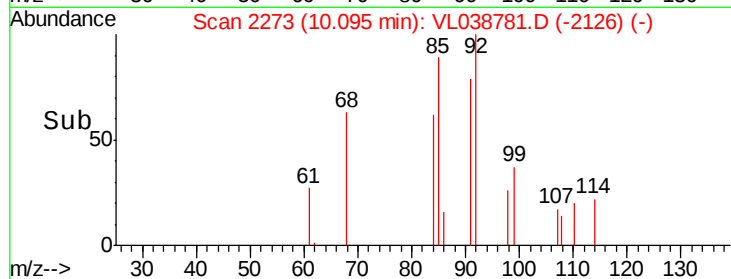
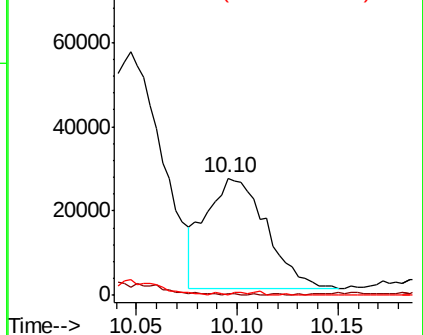


#51
2-Hexanone
Concen: 0.472 ppbv
RT: 10.10
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Mar 2022 21:41

Tot Ion: 43 Resp: 54710
Ion Ratio Lower Upper
43 100
58 2.4 41.2 61.8#
98 1.6 0.2 0.4#

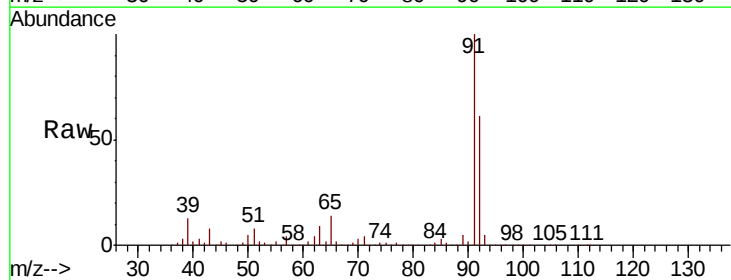


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0

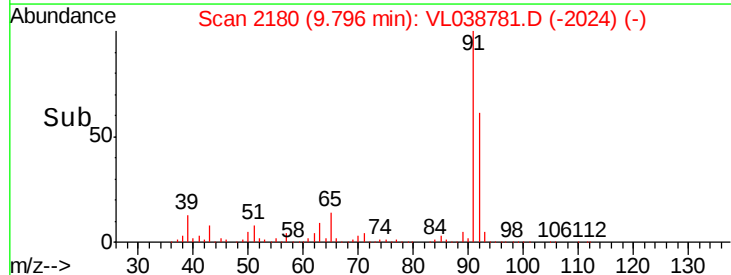
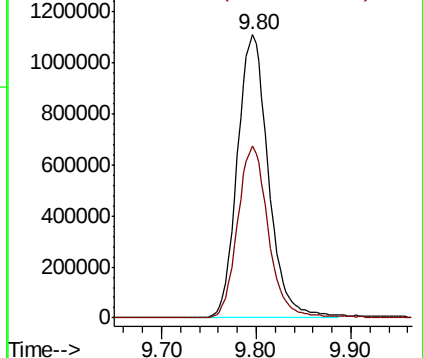


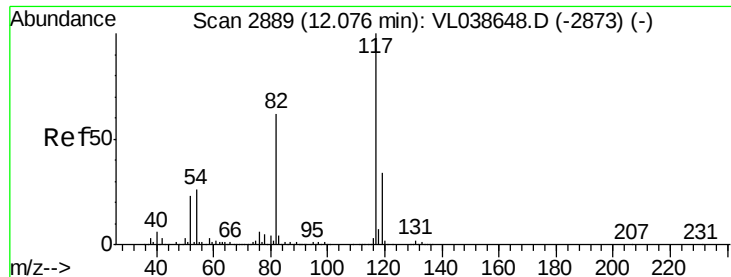
#53
Toluene
Concen: 13.946 ppbv
RT: 9.80 min Scan# 2180
Delta R.T. -0.00 min
Lab File: VL038781.D
Acq: 28 Mar 2022 21:41

Tgt Ion: 91 Resp: 2534853
Ion Ratio Lower Upper
91 100
92 60.8 48.7 73.1



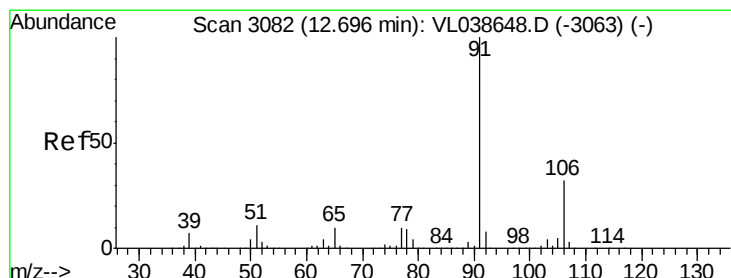
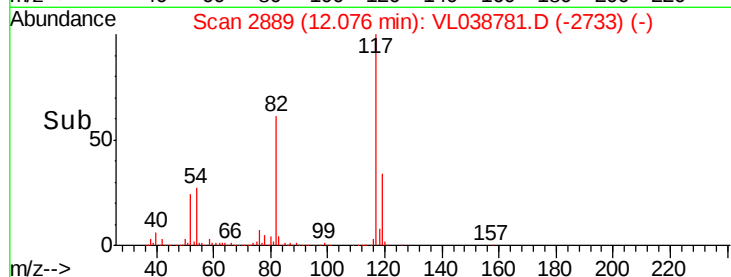
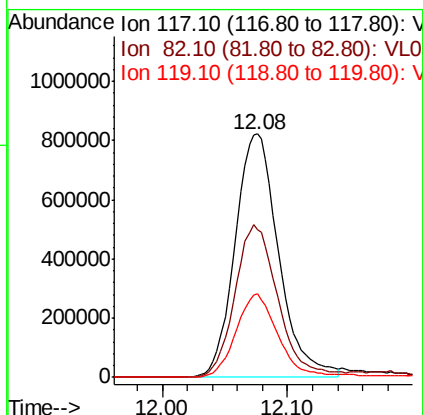
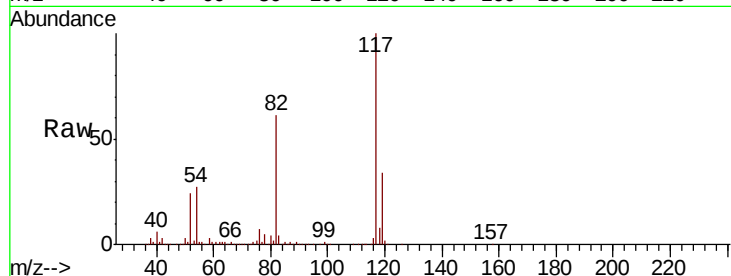
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0





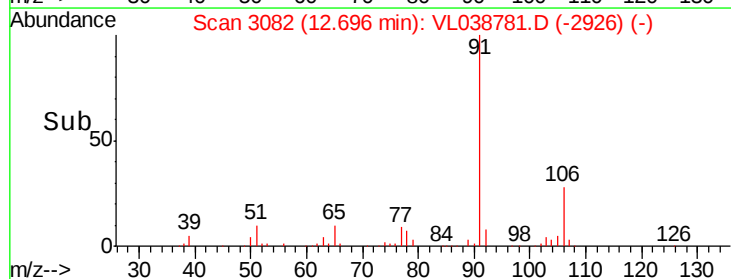
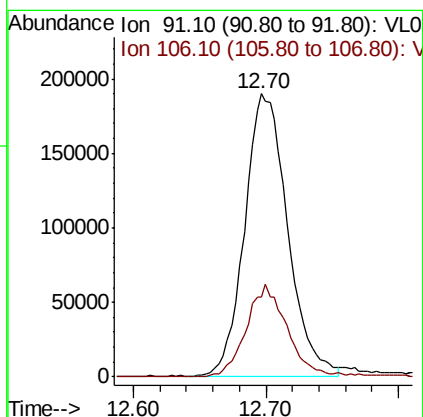
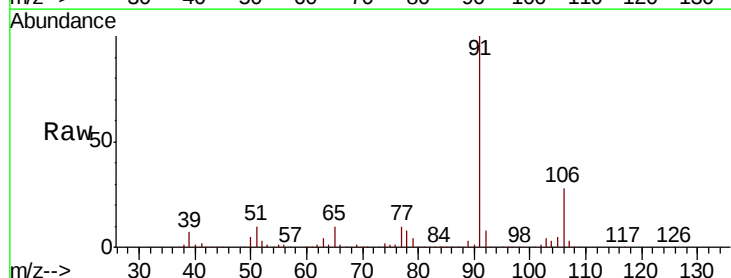
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 V-8
 Acq: 28 Mar 2022 21:41

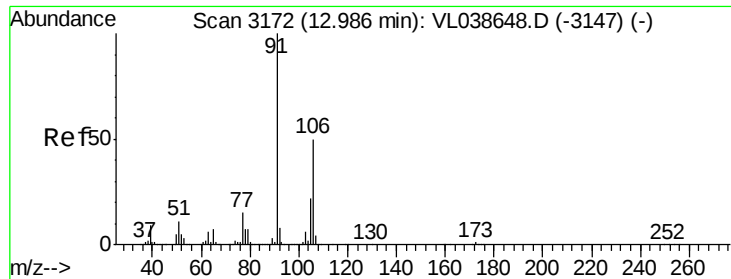
Tot Ion: 117 Resp: 1987203
 Ion Ratio Lower Upper
 117 100
 82 62.2 51.6 77.4
 119 35.0 26.9 40.3



#58
 Ethyl Benzene
 Concen: 1.839 ppbv
 RT: 12.70 min Scan# 3082
 Delta R.T.: -0.00 min
 Lab File: VL038781.D
 Acq: 28 Mar 2022 21:41

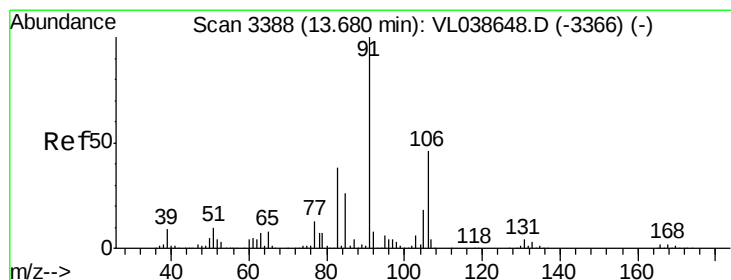
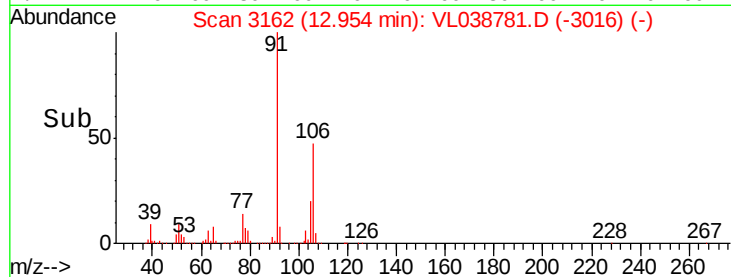
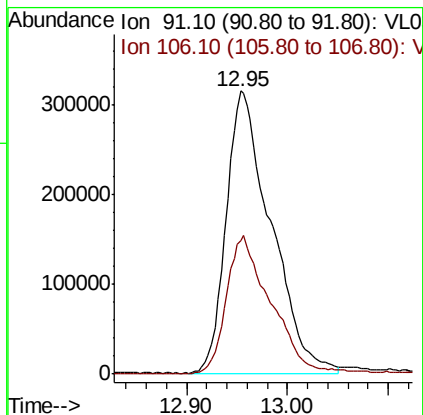
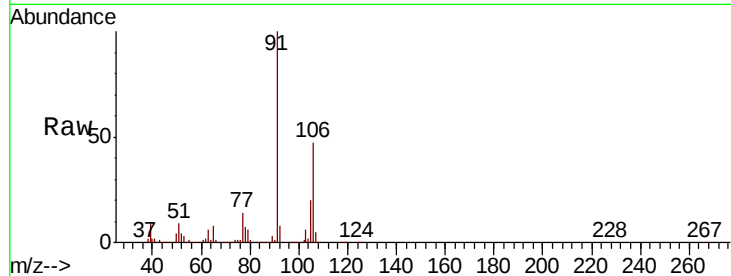
Tgt Ion: 91 Resp: 427343
 Ion Ratio Lower Upper
 91 100
 106 28.3 25.4 38.0





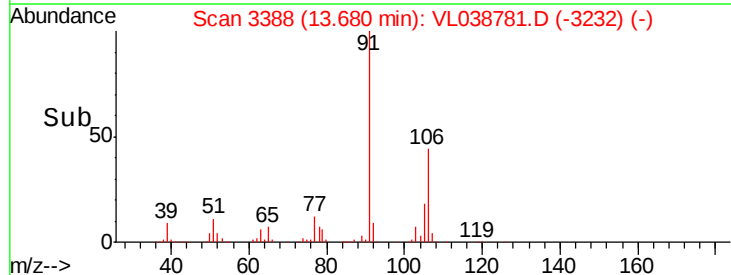
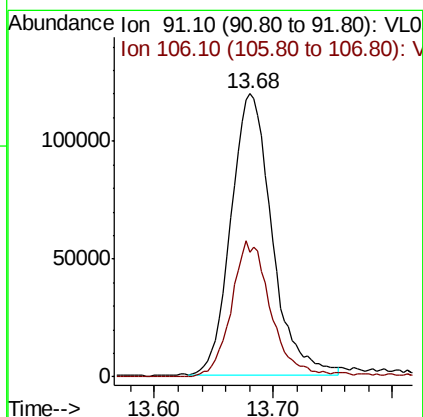
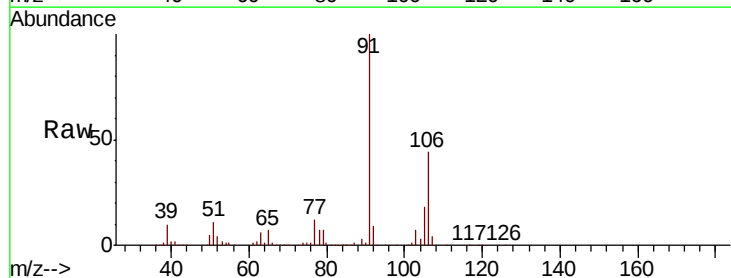
#59
m/p-Xylene
Concen: 4.780 ppbv
RT: 12.95
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 28 Mar 2022 21:41

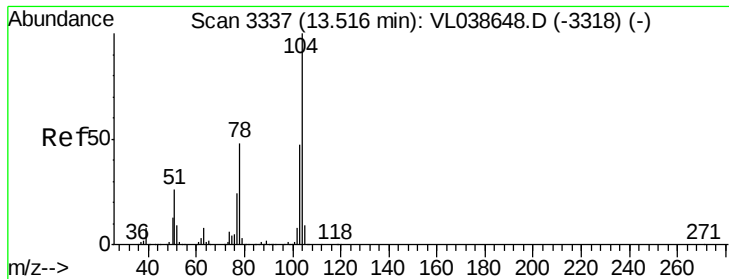
Tot Ion: 91 Resp: 971324
Ion Ratio Lower Upper
91 100
106 49.4 37.2 55.8



#60
o-Xylene
Concen: 1.475 ppbv
RT: 13.68 min Scan# 3388
Delta R.T.: -0.00 min
Lab File: VL038781.D
Acq: 28 Mar 2022 21:41

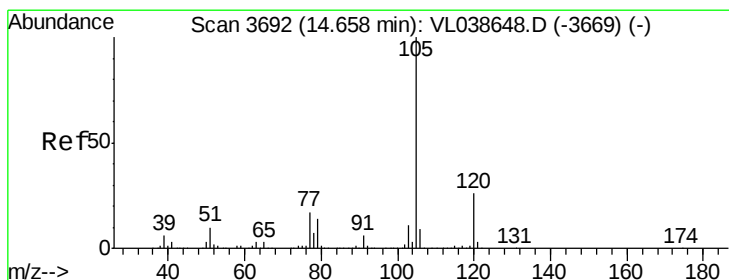
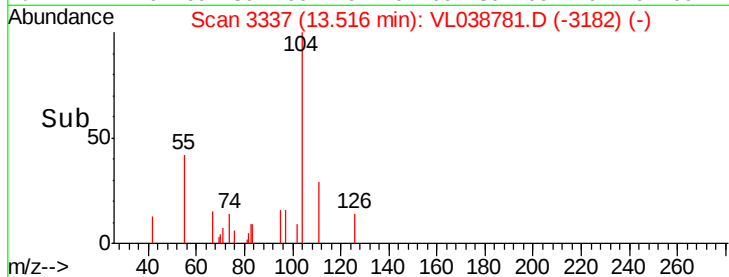
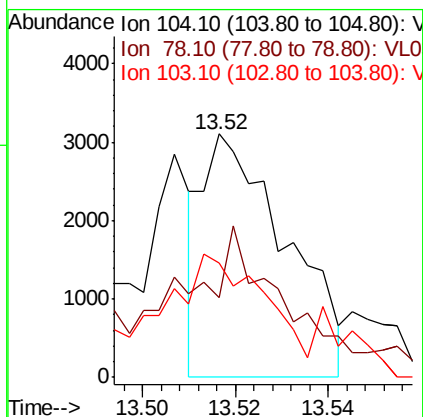
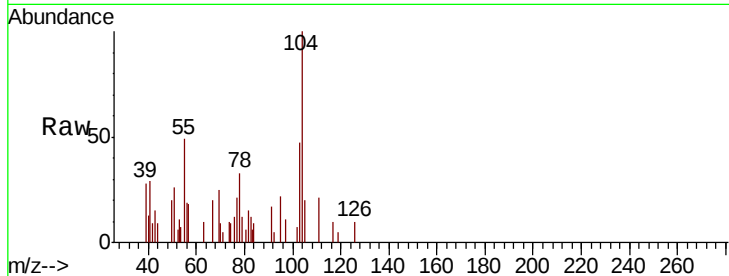
Tgt Ion: 91 Resp: 284501
Ion Ratio Lower Upper
91 100
106 48.4 23.5 70.5





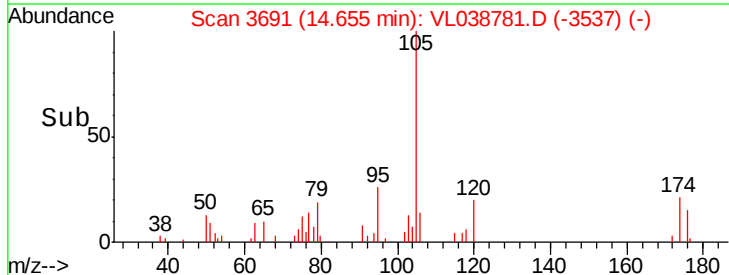
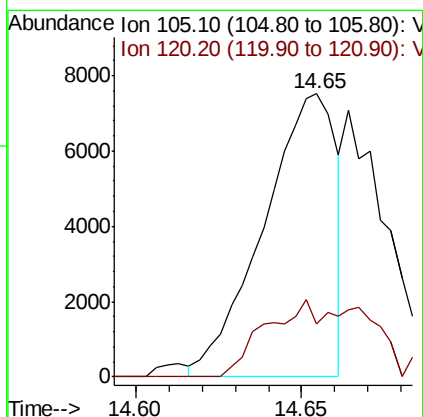
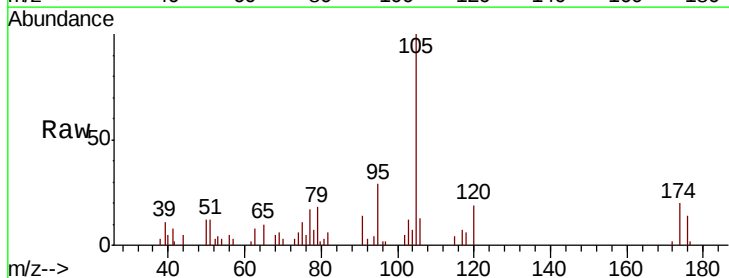
#61
Stvrene
Concen: 0.037 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 28 Mar 2022 21:41

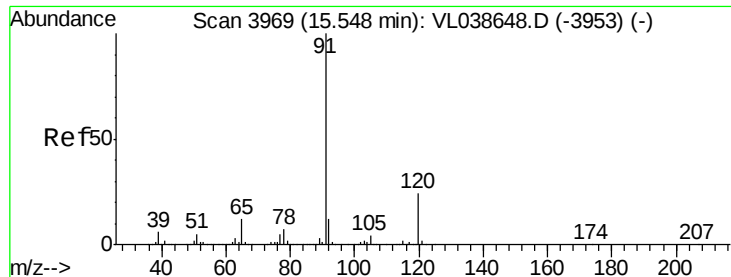
Tot Ion	Ratio	Lower	Upper
104	100		
78	98.1	39.0	58.4#
103	81.8	37.8	56.8#



#62
Isopropylbenzene
Concen: 0.039 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. -0.00 min
Lab File: VL038781.D
Acq: 28 Mar 2022 21:41

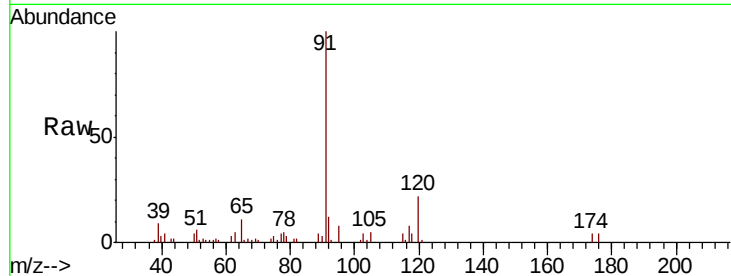
Tgt Ion	Ratio	Lower	Upper
105	100		
120	40.7	21.2	31.8#



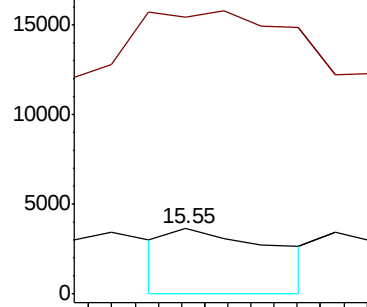


#64
 n-propylbenzene
 Concen: 0.031 ppbv
 RT: 15.55
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 V-8
 Acq: 28 Mar 2022 21:41

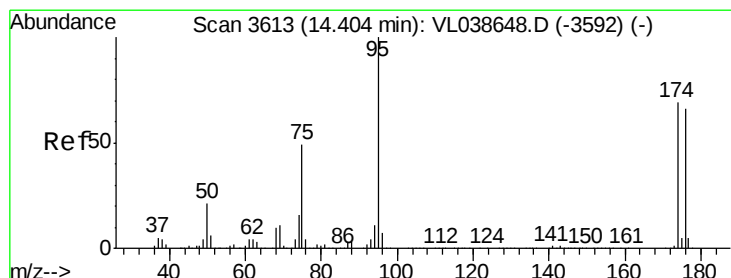
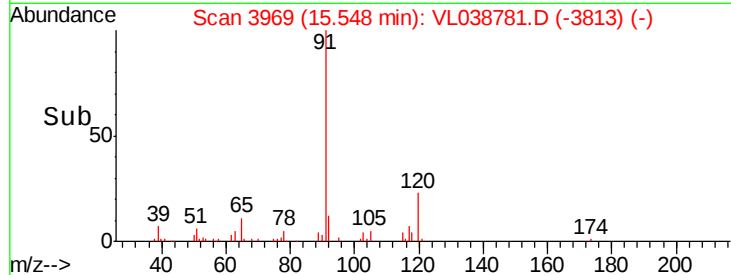
Tot Ion:120 Resp: 2350
 Ion Ratio Lower Upper
 120 100
 91 1772.5 368.0 552.0#



Abundance Ion 120.20 (119.90 to 120.90): V
 Ion 91.10 (90.80 to 91.80): VL0

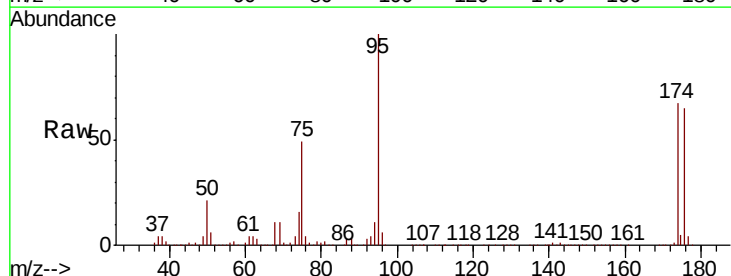


Time--> 15.54 15.55 15.56

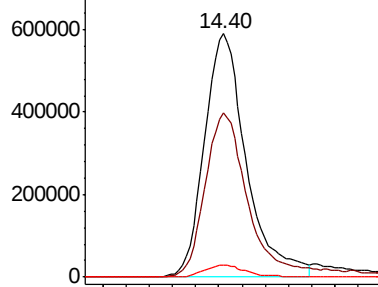


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.727 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T.: -0.00 min
 Lab File: VL038781.D
 Acq: 28 Mar 2022 21:41

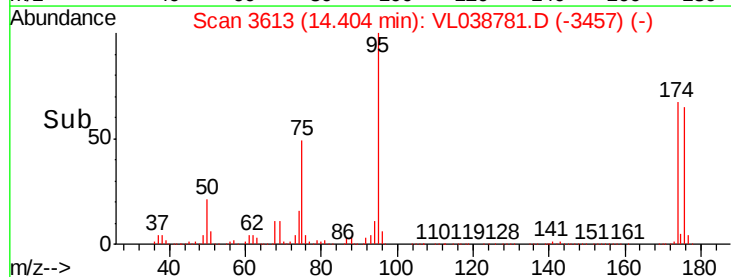
Tgt Ion: 95 Resp: 1482037
 Ion Ratio Lower Upper
 95 100
 174 73.5 56.1 84.1
 175 5.1 4.2 6.2

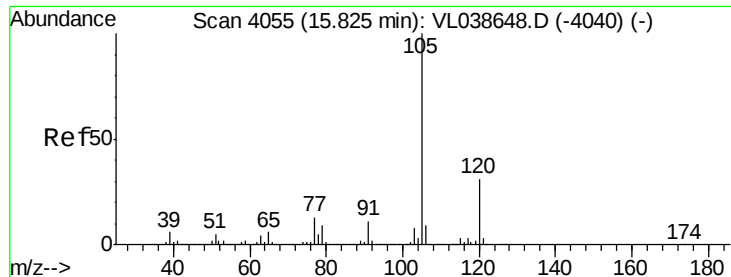


Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V



Time--> 14.30 14.40 14.50





#72

4-Ethyltoluene

Concen: 0.095 ppbv

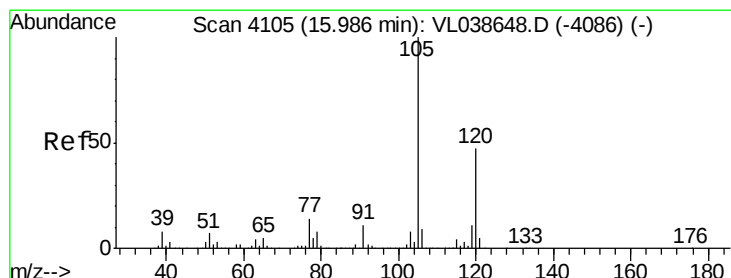
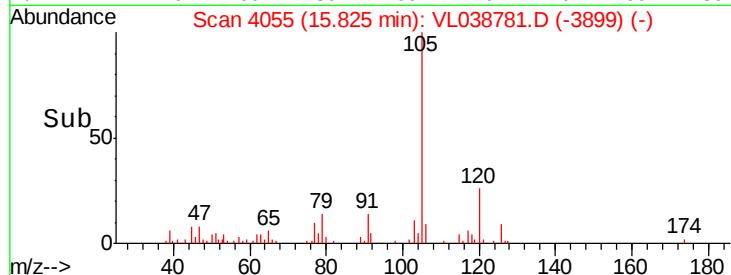
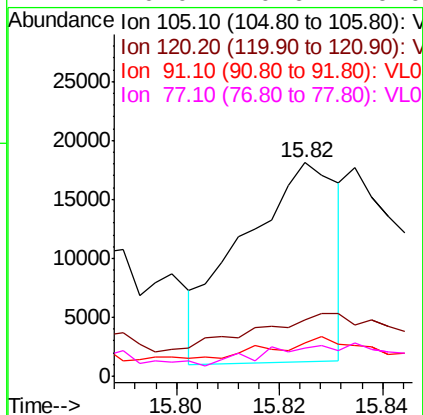
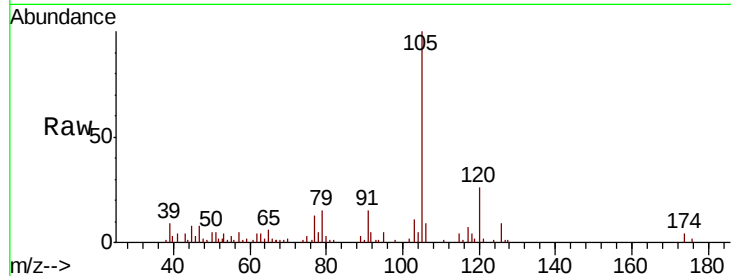
RT: 15.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Mar 2022 21:41

Tot Ion:	105	Resp:	21694
Ion	Ratio	Lower	Upper
105	100		
120	70.5	24.9	37.3#
91	28.6	9.8	14.6#
77	0.0	10.6	16.0#



#73

1,3,5-Trimethylbenzene

Concen: 0.059 ppbv

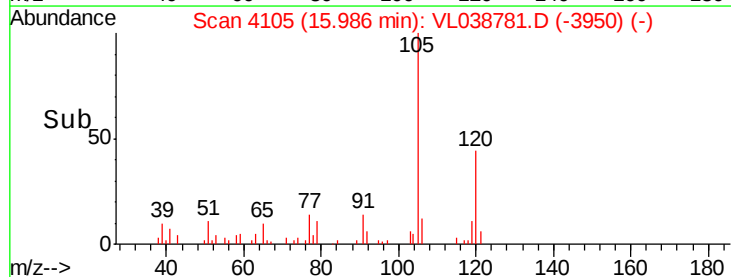
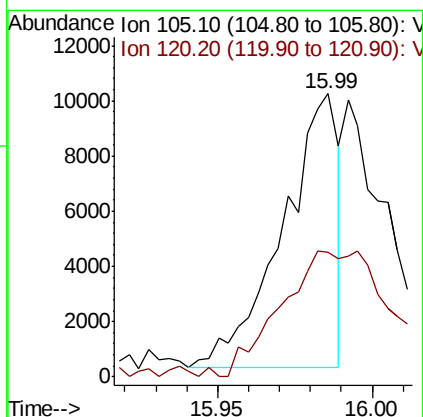
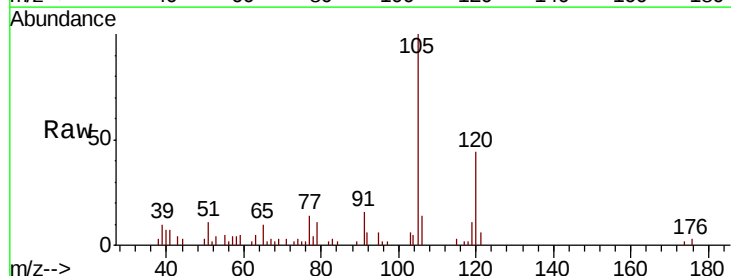
RT: 15.99 min Scan# 4105

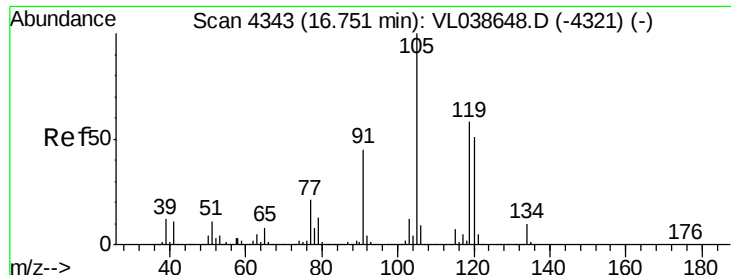
Delta R.T. -0.00 min

Lab File: VL038781.D

Acq: 28 Mar 2022 21:41

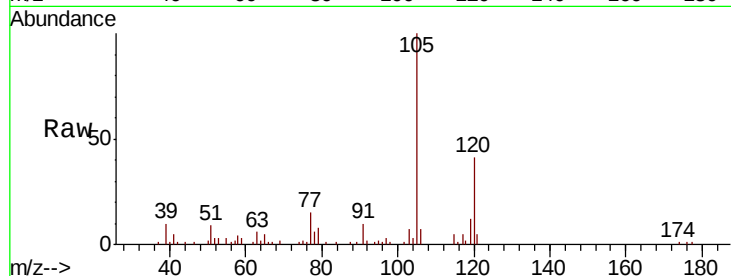
Tgt Ion:	105	Resp:	12349
Ion	Ratio	Lower	Upper
105	100		
120	43.9	37.6	56.4





#74
 1,2,4-Trimethylbenzene
 Concen: 0.254 ppbv
 RT: 16.75
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 V-8
 Acq: 28 Mar 2022 21:41

Tot Ion:	105	Resp:	57502
Ion Ratio	Lower	Upper	
105	100		
120	47.0	40.5	60.7
91	10.1	35.9	53.9#
77	14.8	16.6	25.0#



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

