

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060622\
 Data File : VL039189.D
 Acq On : 6 Jun 2022 17:59
 Operator : SY/AP
 Sample : VL0606SBS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 07 03:17:16 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	5.66	49	1259745	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3483413	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4190295	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2595082	7.49	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	74.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2093311	9.461 ppbv	98
3) Chlorodifluoromethane	2.99	51	1590469	9.923 ppbv	94
4) Chloromethane	3.14	50	859991	10.445 ppbv	100
5) Vinyl Chloride	3.26	62	809110	10.512 ppbv	98
6) Bromomethane	3.48	94	393172	10.384 ppbv	95
7) Chloroethane	3.56	64	271720	10.132 ppbv	95
8) Dichlorotetrafluoroethane	3.19	85	1934390	9.566 ppbv	93
9) Propene	3.01	41	785676	11.241 ppbv	99
10) Heptane	8.12	43	1904618	11.682 ppbv	98
11) Trichlorofluoromethane	3.95	101	1793074	8.952 ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1269303	9.583 ppbv	98
13) Ethanol	3.60	45	17953	4.710 ppbv #	100
14) Bromoethene	3.74	108	606251	10.181 ppbv	100
15) Acetone	3.85	43	1218561	9.286 ppbv	97
16) 1,3-Butadiene	3.33	39	729573	10.342 ppbv	96
17) tert-Butyl alcohol	4.28	59	1215232	11.939 ppbv	98
18) 1,1-Dichloroethene	4.29	96	600718	10.110 ppbv	96
19) Isopropyl Alcohol	3.96	45	729404	11.851 ppbv #	98
20) Methylene Chloride	4.35	84	480042	8.681 ppbv	96
21) Allyl Chloride	4.41	41	909696	10.276 ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	595152	10.410 ppbv	96
23) Vinyl Acetate	5.07	43	1275768	11.750 ppbv	98
24) 1,1-Dichloroethane	5.01	63	1318089	8.860 ppbv	99
25) Ethyl Acetate	5.67	43	3226643	10.910 ppbv	99
26) Hexane	5.69	57	1435753	11.046 ppbv	97
27) Carbon Disulfide	4.55	76	1402004	10.408 ppbv	98
28) Methyl tert-Butyl Ether	5.03	73	1389197	9.682 ppbv	99
29) Chloroform	5.75	83	2225350	10.175 ppbv	99
30) Cyclohexane	7.13	84	1277969	11.704 ppbv	94
31) cis-1,2-Dichloroethene	5.55	61	1424701	10.750 ppbv	91
32) 1,1,1-Trichloroethane	6.51	97	2213702	10.344 ppbv	98
34) 2-Butanone	5.24	43	1956619	10.339 ppbv	98
35) Carbon Tetrachloride	7.01	117	2250855	8.853 ppbv	97
36) Benzene	6.89	78	3042045	10.757 ppbv	98
37) 1,2-Dichloroethane	6.30	62	1585399	8.518 ppbv #	95
38) Trichloroethene	7.83	130	1429235	11.003 ppbv	96
39) 1,2-Dichloropropane	7.61	63	1173441	10.432 ppbv	92
40) 1,4-Dioxane	7.82	88	419406	11.325 ppbv #	1
41) Tetrahydrofuran	6.04	42	1240686	10.900 ppbv	99
42) Bromodichloromethane	7.79	83	2415589	9.352 ppbv	99
43) Methyl Methacrylate	8.01	69	1234250	11.204 ppbv	95

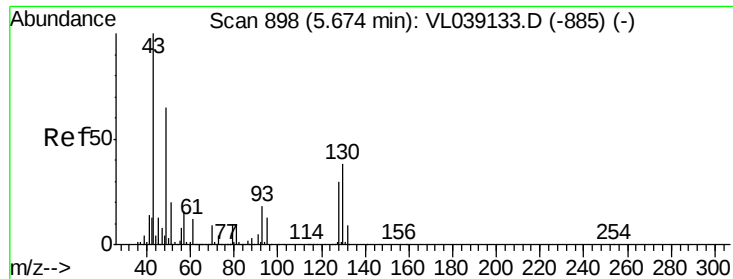
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060622\
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
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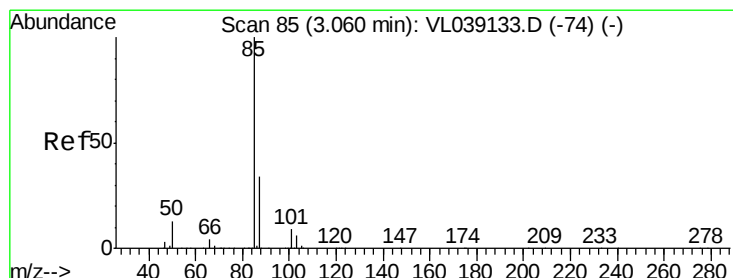
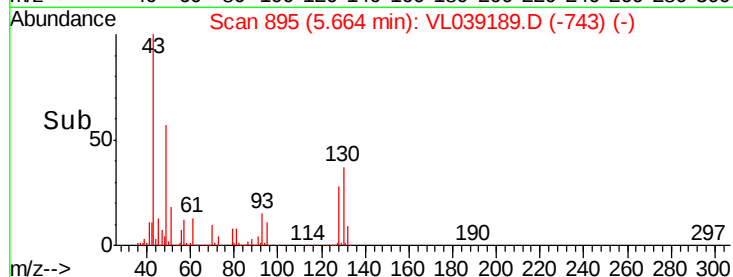
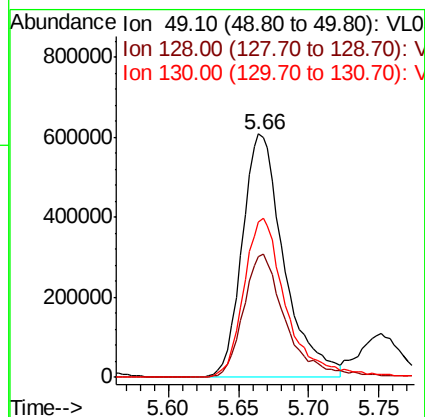
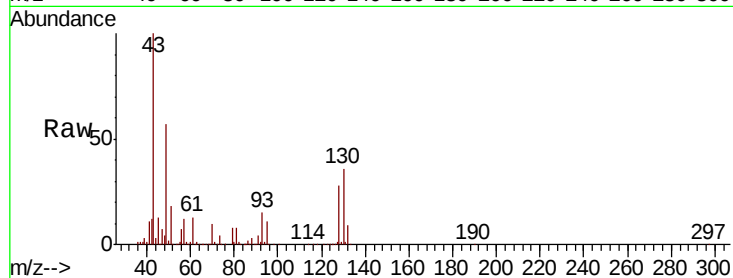
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5001939	10.111	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	1339545	11.676	ppbv	98
46) cis-1,3-Dichloropropene	8.70	75	1695582	11.188	ppbv	96
47) 1,1,2-Trichloroethane	9.47	97	1243786	10.598	ppbv	98
48) Dibromochloromethane	10.30	129	2080038	9.926	ppbv	99
49) Bromoform	13.04	173	1715915	9.826	ppbv	98
50) 4-Methyl-2-Pentanone	8.73	43	3051171	10.771	ppbv	97
51) 2-Hexanone	10.12	43	2443109	11.084	ppbv	98
52) Tetrachloroethene	11.22	164	1116998	10.116	ppbv	98
53) Toluene	9.80	91	3550502	10.903	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1698711	10.772	ppbv	92
56) 1,1,1,2-Tetrachloroethane	12.12	131	1476656	7.447	ppbv	98
57) Chlorobenzene	12.14	112	2544397	8.070	ppbv	96
58) Ethyl Benzene	12.70	91	4648390	8.053	ppbv	97
59) m/p-Xylene	12.99	91	1638909	3.224	ppbv #	1
60) o-Xylene	13.69	91	3668921	7.682	ppbv	97
61) Styrene	13.52	104	2280358	8.916	ppbv	94
62) Isopropylbenzene	14.66	105	5444487	7.670	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	1926712	7.187	ppbv	100
64) n-propylbenzene	15.55	120	1432686	8.210	ppbv	90
65) tert-Butylbenzene	16.73	119	4743603	7.308	ppbv	95
66) Benzyl Chloride	16.98	91	719227	8.521	ppbv	99
67) sec-Butylbenzene	17.28	105	6672718	7.534	ppbv	99
69) p-Isopropyltoluene	17.64	119	5596044	7.489	ppbv	98
70) n-Butylbenzene	18.54	91	5803836	7.567	ppbv	99
71) 2-Chlorotoluene	15.45	91	4073040	7.524	ppbv	97
72) 4-Ethyltoluene	15.83	105	4462167	7.971	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	3950027	7.824	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	4205555	7.464	ppbv	94
75) 1,3-Dichlorobenzene	16.99	146	2501308	7.843	ppbv	98
76) 1,4-Dichlorobenzene	17.13	146	2433554	7.648	ppbv	98
77) 1,2-Dichlorobenzene	17.81	146	2444694	7.606	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	2220398	7.555	ppbv	99
79) Naphthalene	22.18	128	4798062	11.062	ppbv	99
80) Naphthalene, 2-methyl-	24.96	142	1787887	11.095	ppbv	98
81) 1,2,4-Trichlorobenzene	21.91	180	2594150	9.441	ppbv #	100

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



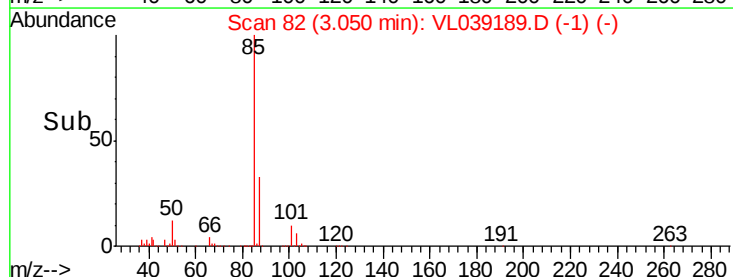
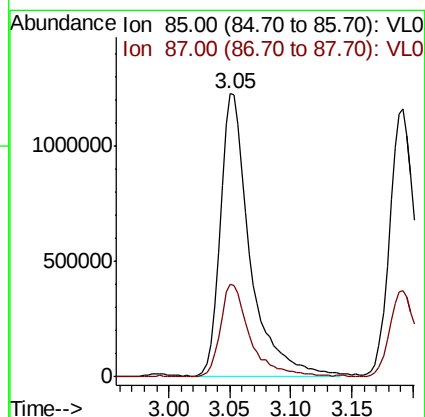
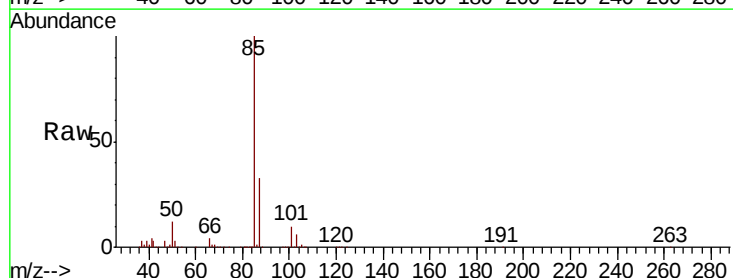
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 6 Jun 2022 17:59

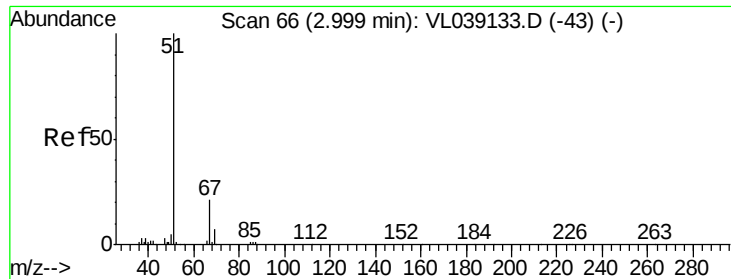
Tot Ion: 49 Resp: 1259745
 Ion Ratio Lower Upper
 49 100
 128 52.5 24.7 74.1
 130 67.8 31.4 94.0



#2
 Dichlorodifluoromethane
 Concen: 9.461 ppbv
 RT: 3.05 min Scan# 82
 Delta R.T. -0.01 min
 Lab File: VL039189.D
 Acq: 6 Jun 2022 17:59

Tgt Ion: 85 Resp: 2093311
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.9 40.3





#3

Chlorodifluoromethane

Concen: 9.923 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

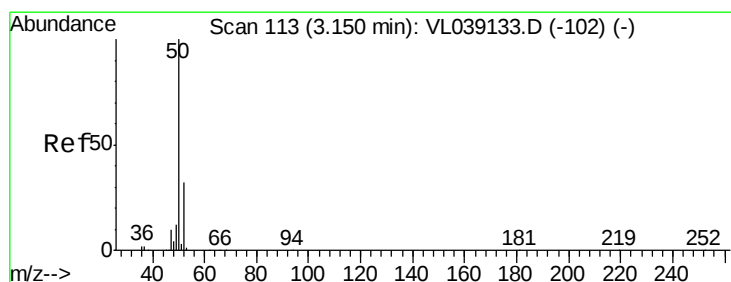
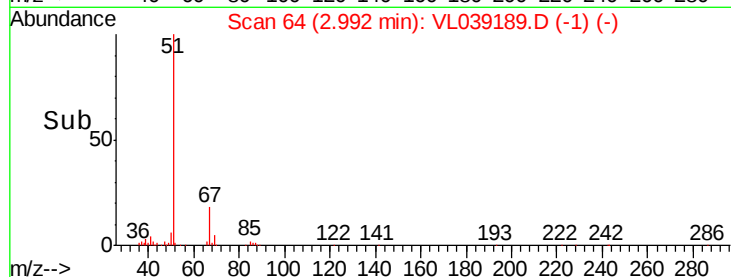
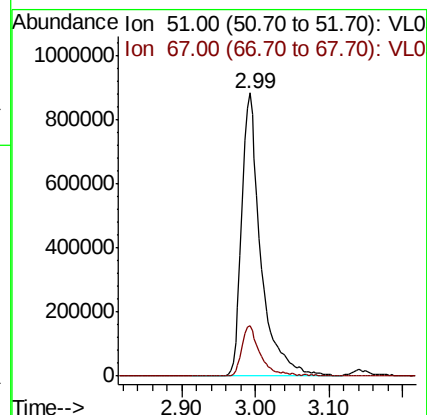
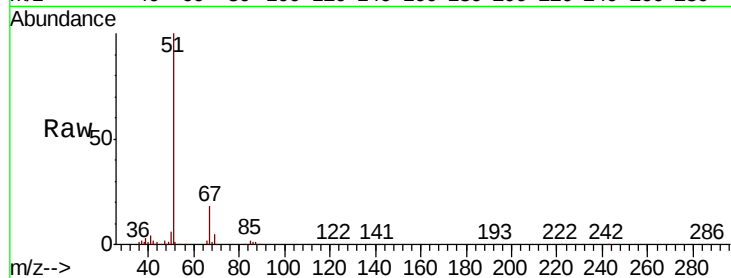
Acq: 6 Jun 2022 17:59

Tot Ion: 51 Resp: 1590469

Ion Ratio Lower Upper

51 100

67 17.6 16.2 24.4



#4

Chloromethane

Concen: 10.445 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL039189.D

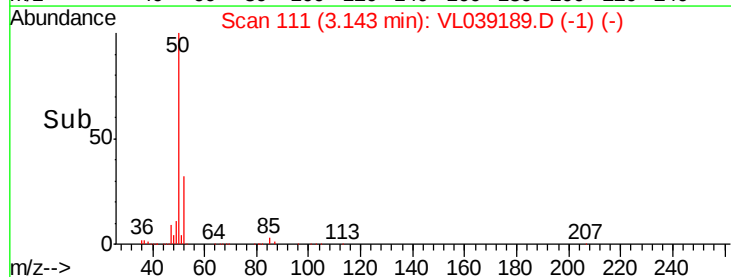
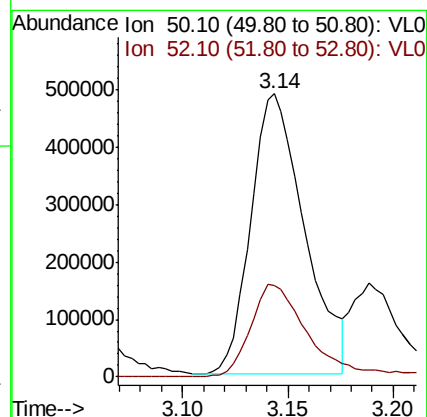
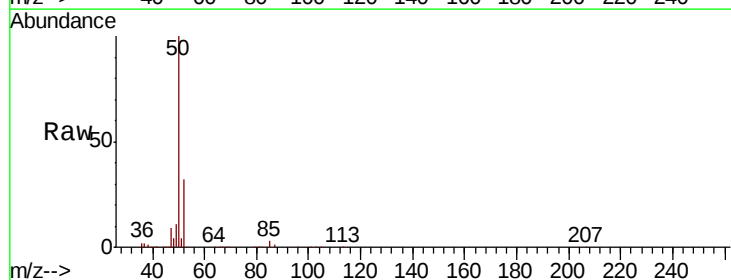
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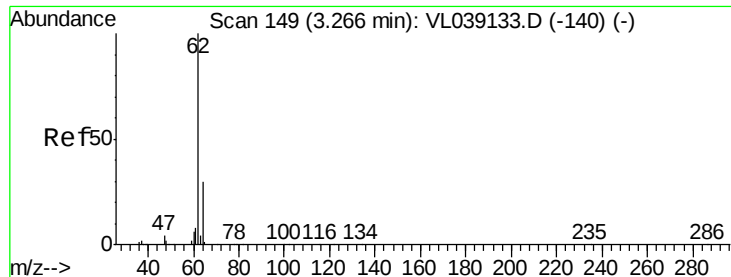
Tgt Ion: 50 Resp: 859991

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9





#5

Vinyl Chloride

Concen: 10.512 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

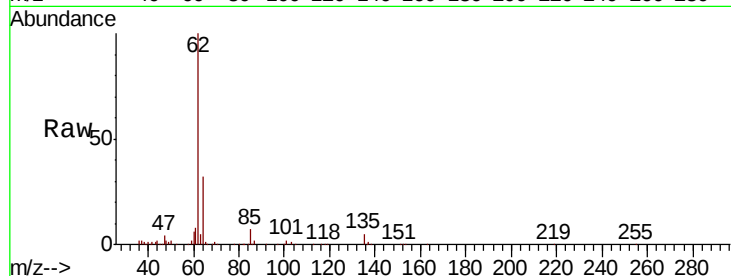
Acq: 6 Jun 2022 17:59

Tot Ion: 62 Resp: 809110

Ion Ratio Lower Upper

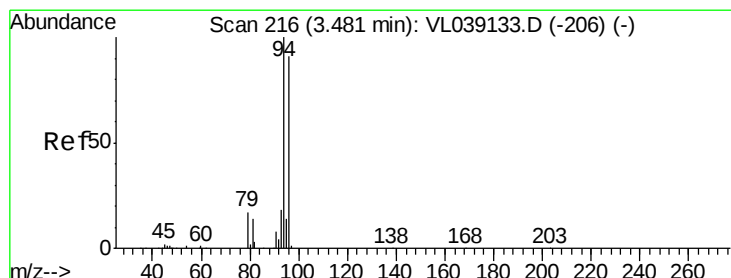
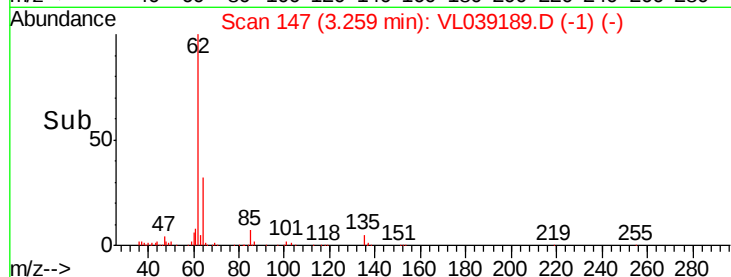
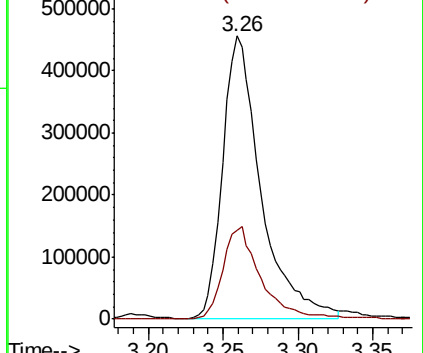
62 100

64 31.5 24.2 36.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 10.384 ppbv

RT: 3.48 min Scan# 215

Delta R.T. -0.00 min

Lab File: VL039189.D

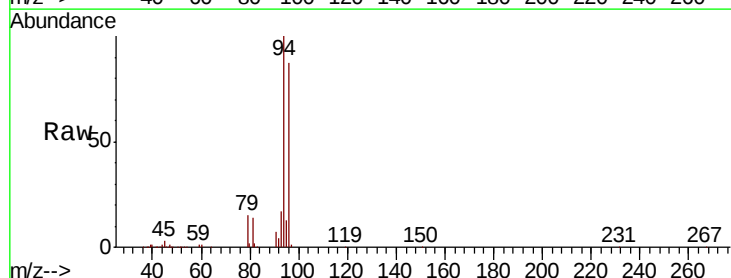
Acq: 6 Jun 2022 17:59

Tgt Ion: 94 Resp: 393172

Ion Ratio Lower Upper

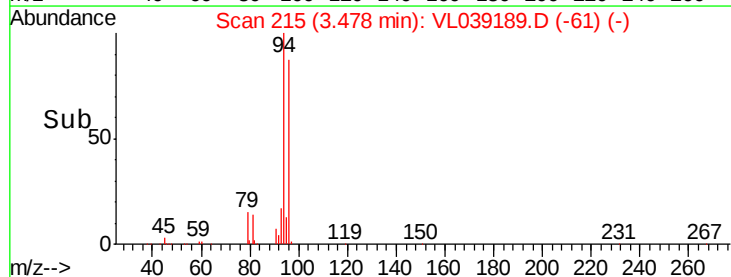
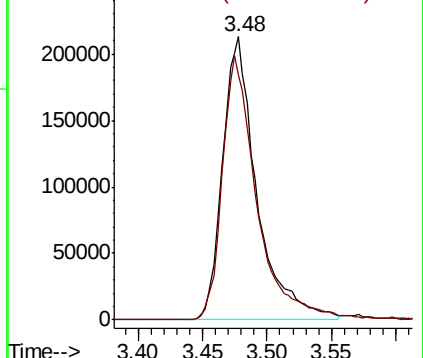
94 100

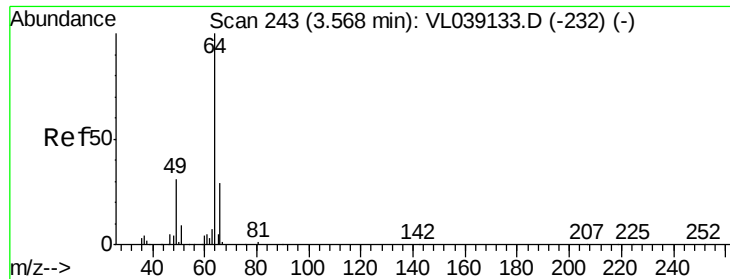
96 86.7 73.0 109.4



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 10.132 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

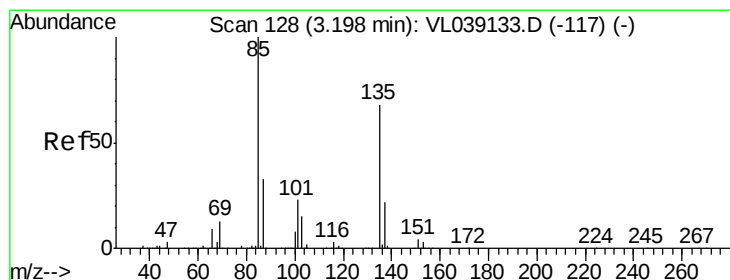
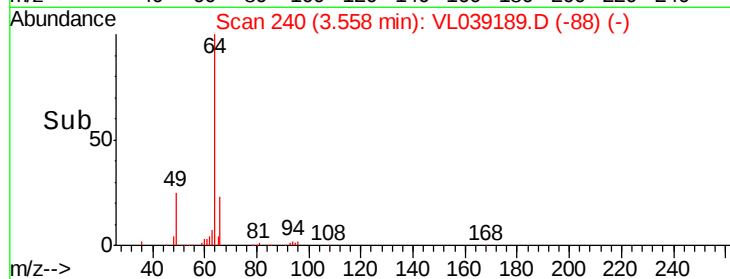
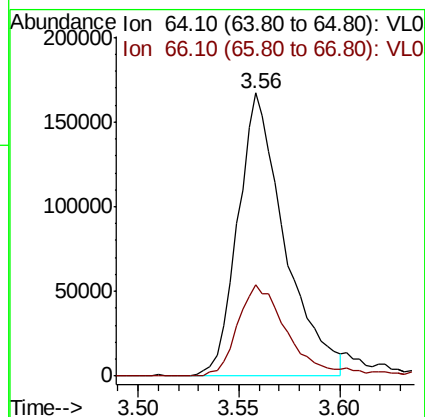
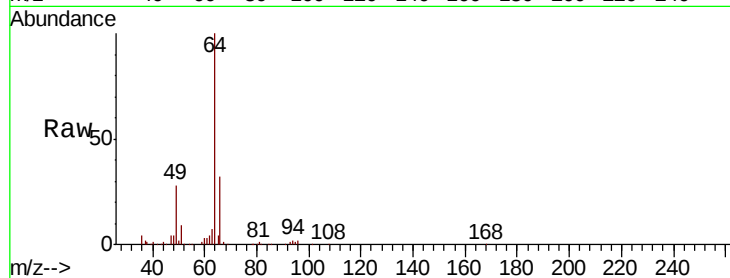
Acq: 6 Jun 2022 17:59

Tot Ion: 64 Resp: 271720

Ion Ratio Lower Upper

64 100

66 32.2 23.6 35.4



#8

Dichlorotetrafluoroethane

Concen: 9.566 ppbv

RT: 3.19 min Scan# 126

Delta R.T. -0.01 min

Lab File: VL039189.D

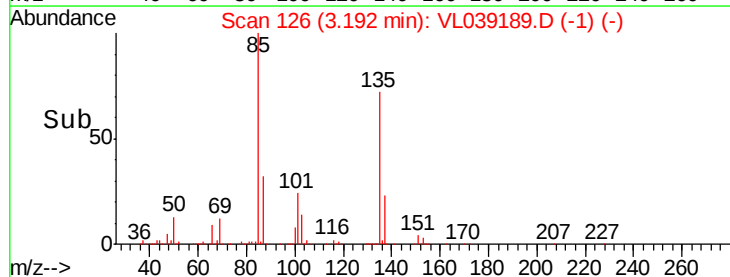
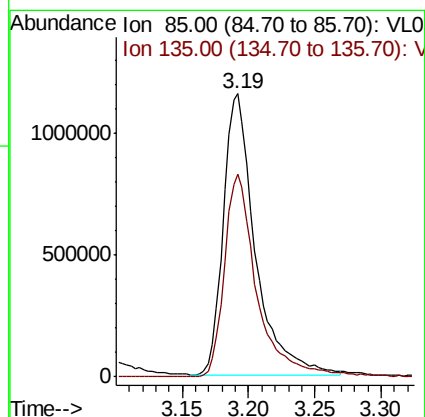
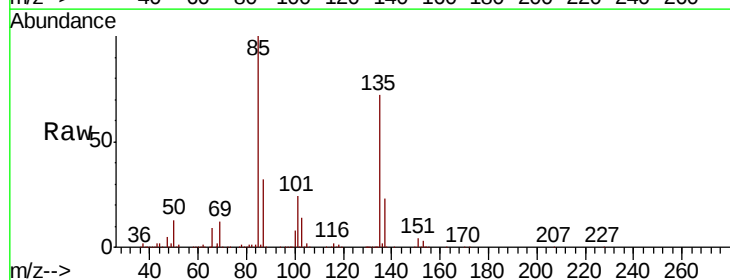
Acq: 6 Jun 2022 17:59

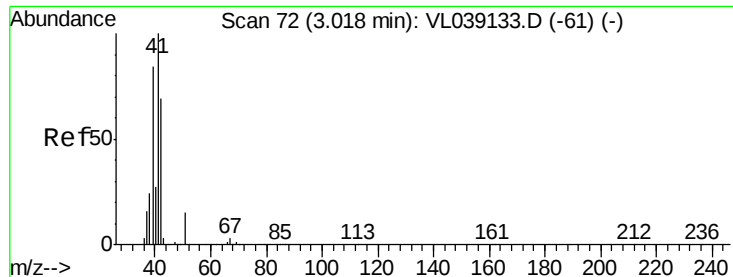
Tgt Ion: 85 Resp: 1934390

Ion Ratio Lower Upper

85 100

135 74.1 55.0 82.4





#9

Propene

Concen: 11.241 ppbv

RT: 3.01 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

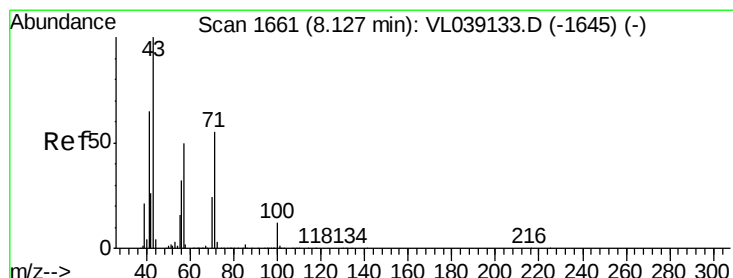
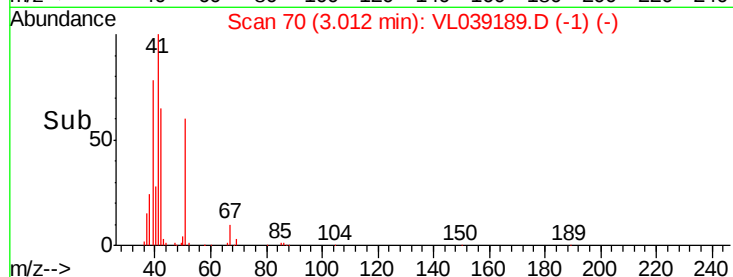
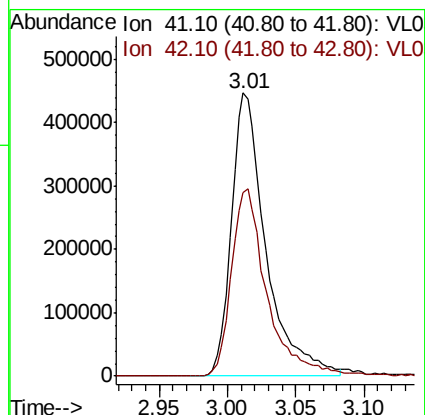
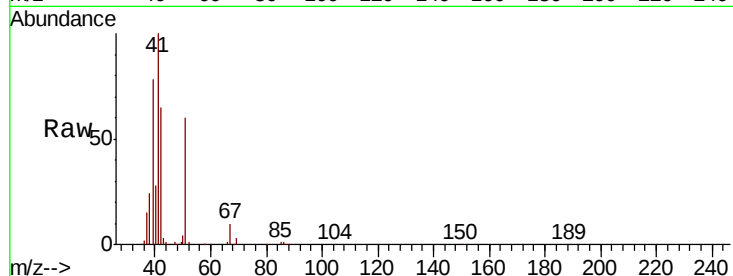
Acq: 6 Jun 2022 17:59

Tot Ion: 41 Resp: 785676

Ion Ratio Lower Upper

41 100

42 68.8 55.4 83.2



#10

Heptane

Concen: 11.682 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL039189.D

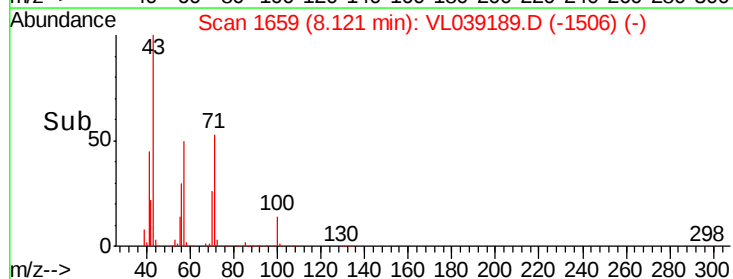
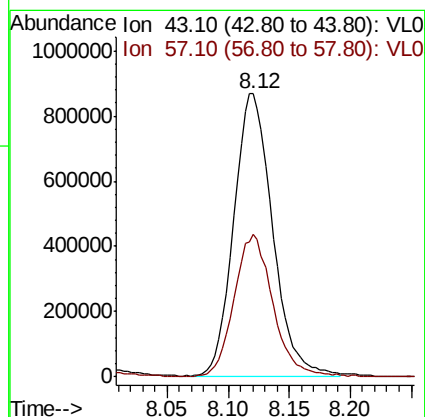
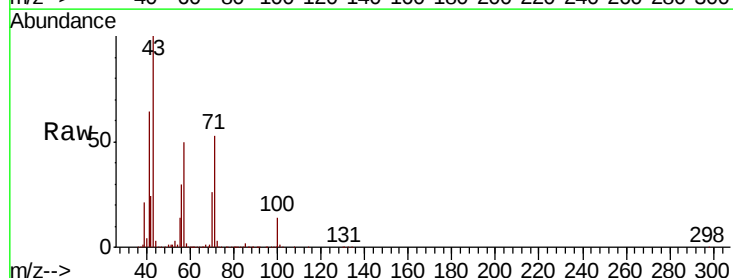
Acq: 6 Jun 2022 17:59

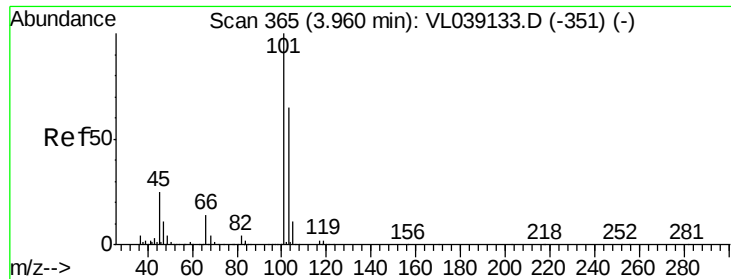
Tgt Ion: 43 Resp: 1904618

Ion Ratio Lower Upper

43 100

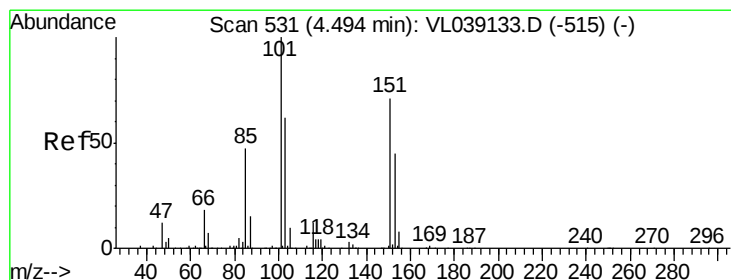
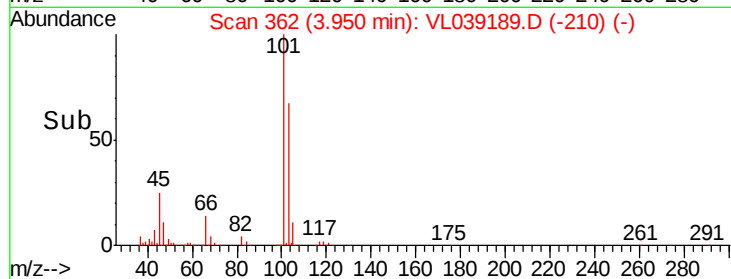
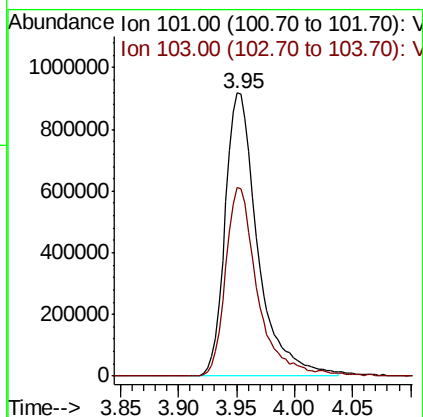
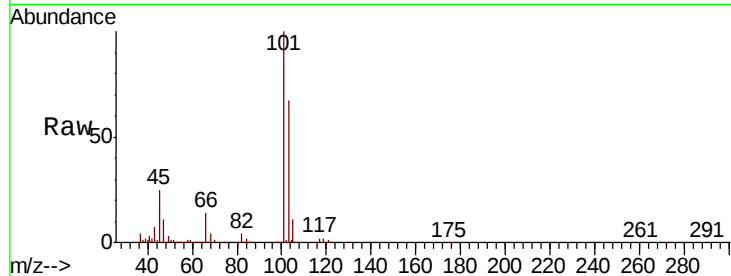
57 50.2 41.4 62.2





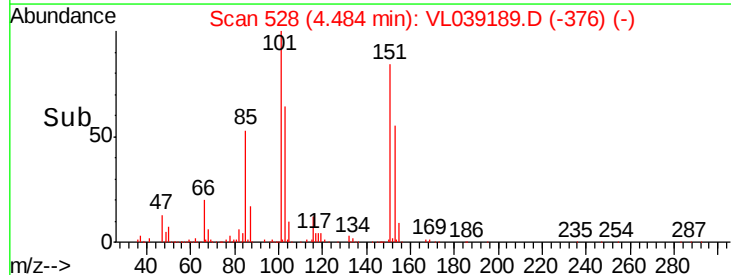
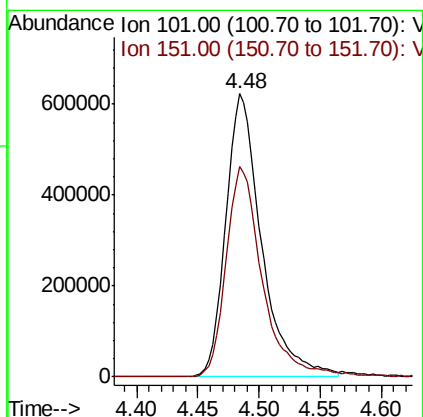
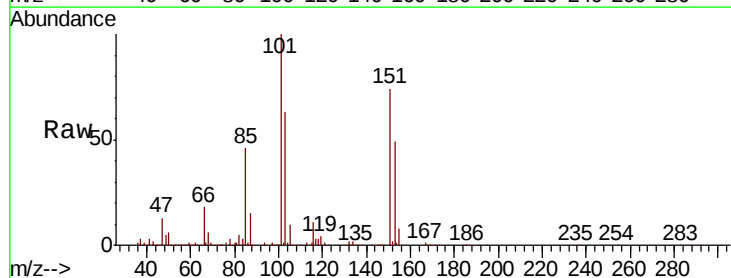
#11
 Trichlorofluoromethane
 Concen: 8.952 ppbv
 RT: 3.95 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 6 Jun 2022 17:59

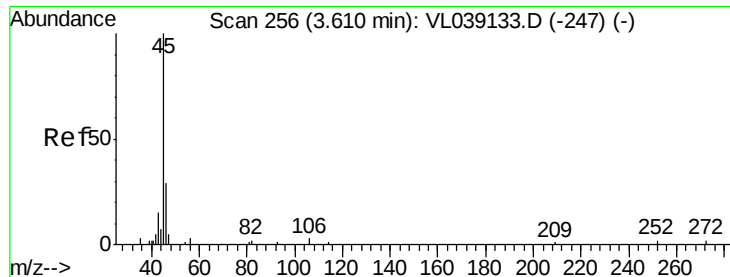
Tot Ion:101 Resp: 1793074
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.583 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VL039189.D
 Acq: 6 Jun 2022 17:59

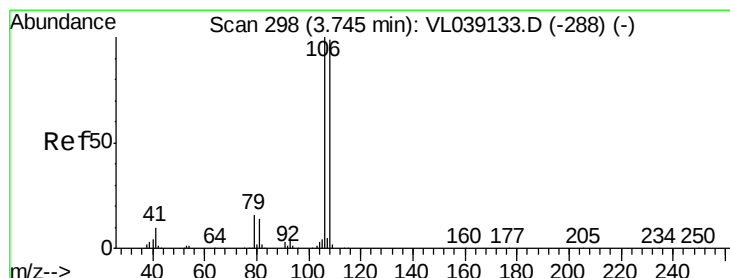
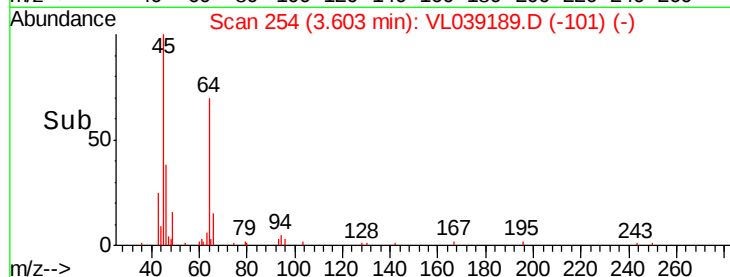
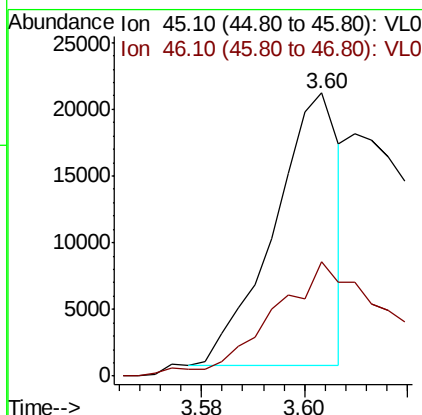
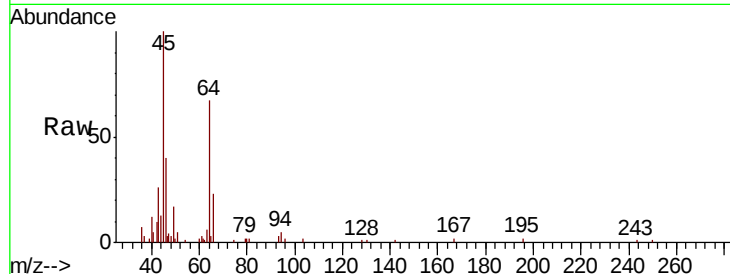
Tgt Ion:101 Resp: 1269303
 Ion Ratio Lower Upper
 101 100
 151 76.3 59.4 89.0





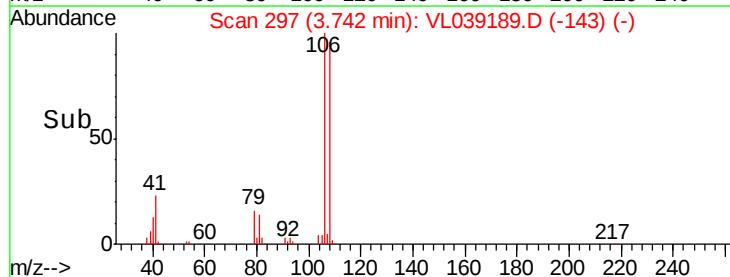
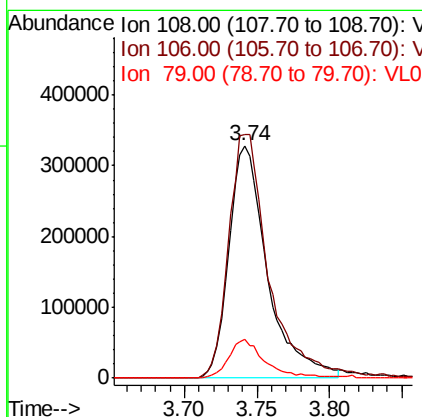
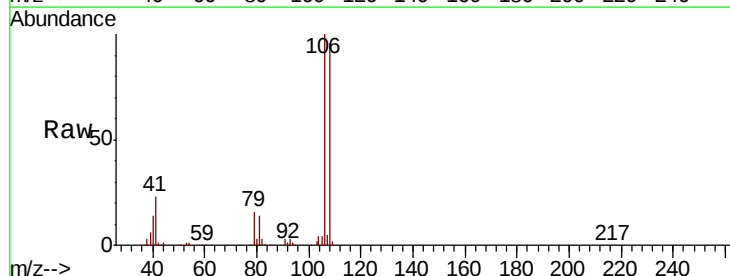
#13
Ethanol
Concen: 4.710 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 6 Jun 2022 17:59

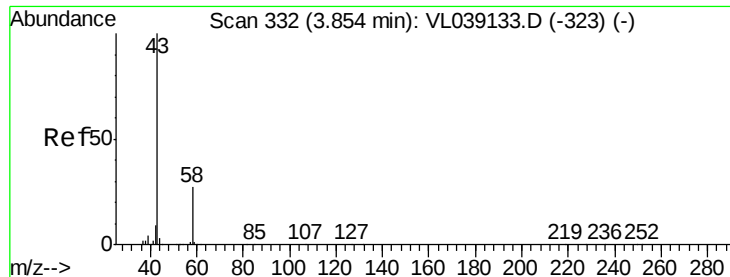
Tot Ion: 45 Resp: 17953
Ion Ratio Lower Upper
45 100
46 113.4 0.0 0.0#



#14
Bromoethene
Concen: 10.181 ppbv
RT: 3.74 min Scan# 297
Delta R.T. -0.00 min
Lab File: VL039189.D
Acq: 6 Jun 2022 17:59

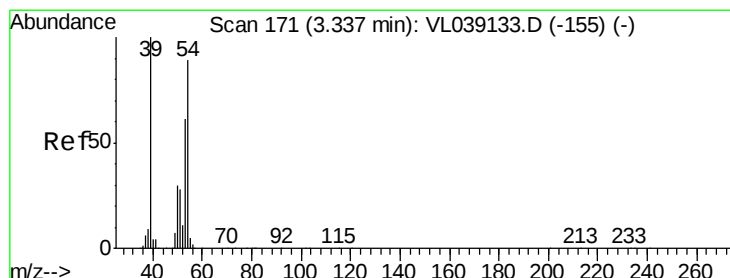
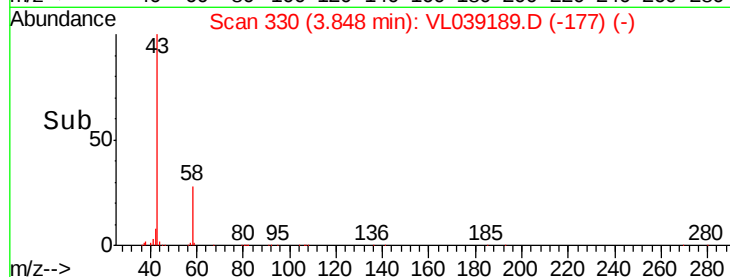
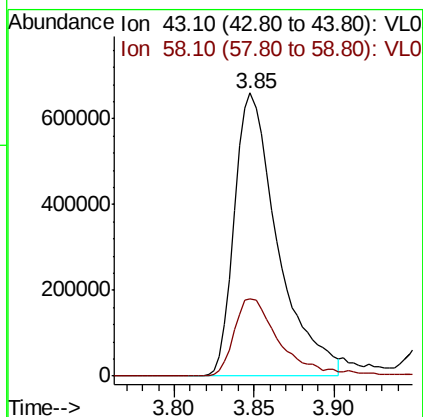
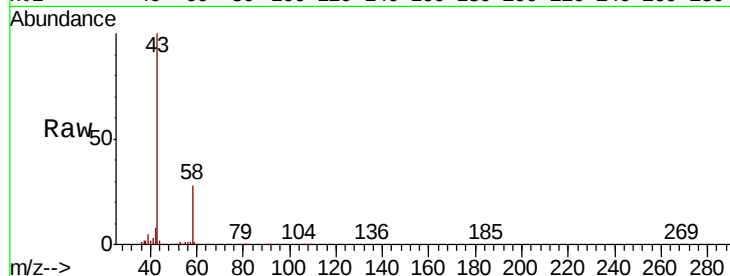
Tgt Ion: 108 Resp: 606251
Ion Ratio Lower Upper
108 100
106 111.0 88.4 132.6
79 16.5 13.4 20.2





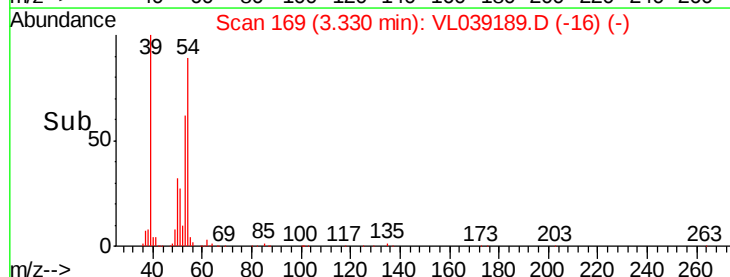
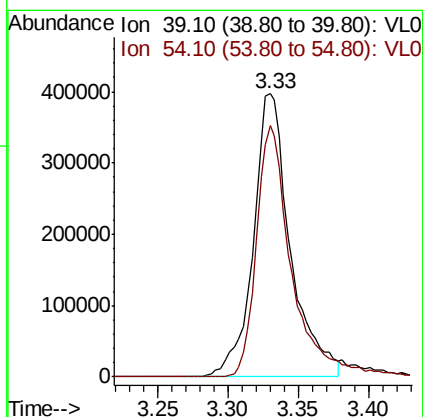
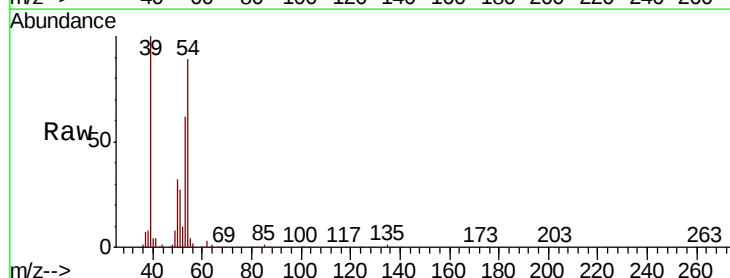
#15
Acetone
Concen: 9.286 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 Jun 2022 17:59

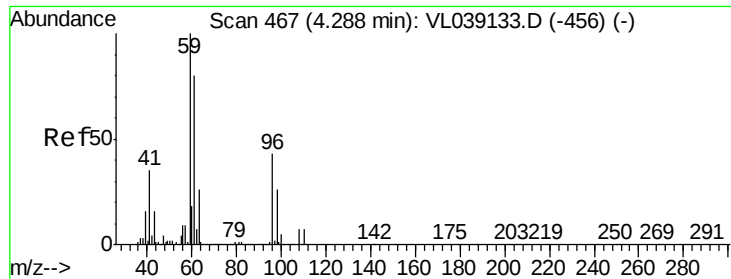
Tot Ion: 43 Resp: 1218561
Ion Ratio Lower Upper
43 100
58 29.6 22.5 33.7



#16
1,3-Butadiene
Concen: 10.342 ppbv
RT: 3.33 min Scan# 169
Delta R.T. -0.01 min
Lab File: VL039189.D
Acq: 6 Jun 2022 17:59

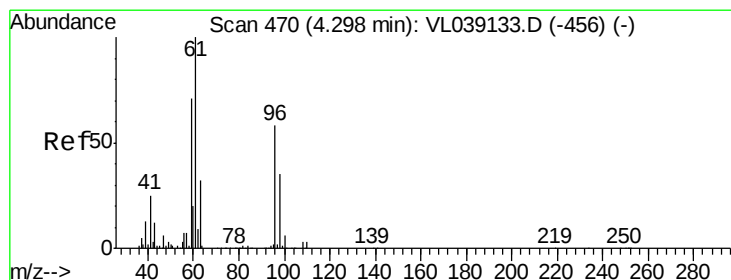
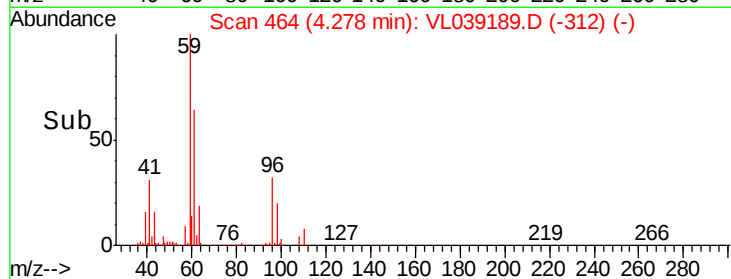
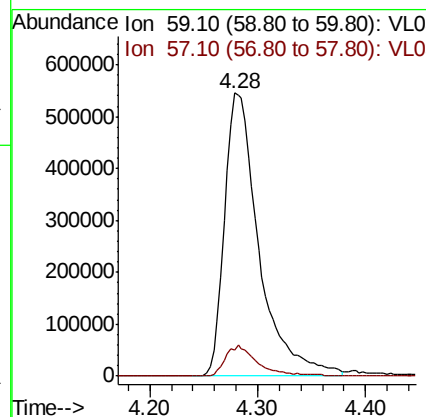
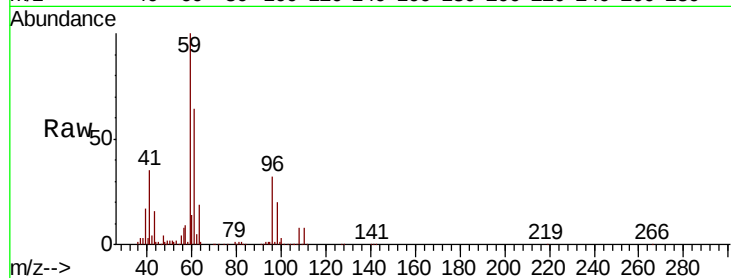
Tgt Ion: 39 Resp: 729573
Ion Ratio Lower Upper
39 100
54 85.5 65.8 98.6





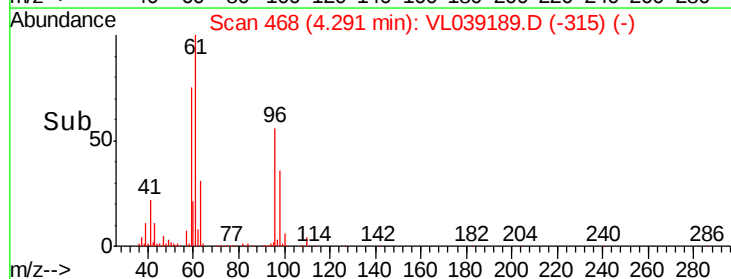
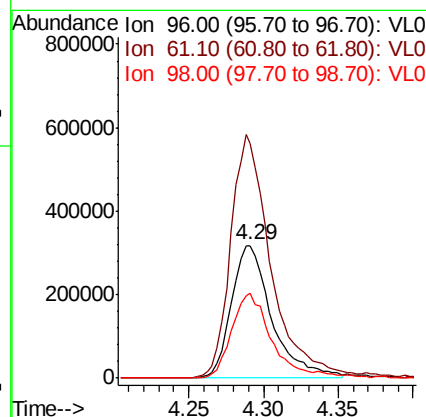
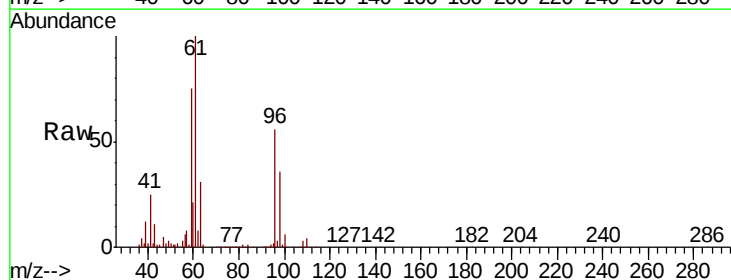
#17
 tert-Butyl alcohol
 Concen: 11.939 ppbv
 RT: 4.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 6 Jun 2022 17:59

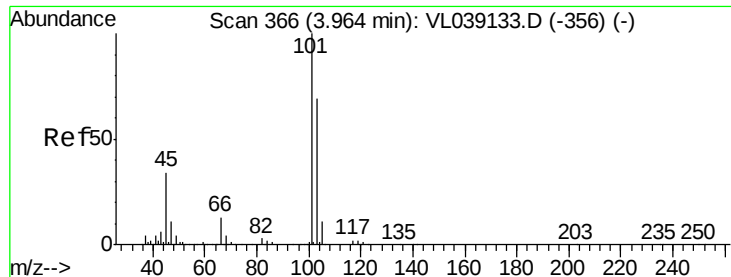
Tot Ion: 59 Resp: 1215232
 Ion Ratio Lower Upper
 59 100
 57 10.6 9.1 13.7



#18
 1,1-Dichloroethene
 Concen: 10.110 ppbv
 RT: 4.29 min Scan# 468
 Delta R.T.: -0.01 min
 Lab File: VL039189.D
 Acq: 6 Jun 2022 17:59

Tgt Ion: 96 Resp: 600718
 Ion Ratio Lower Upper
 96 100
 61 176.9 138.4 207.6
 98 64.0 47.8 71.8





#19

Isopropyl Alcohol

Concen: 11.851 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

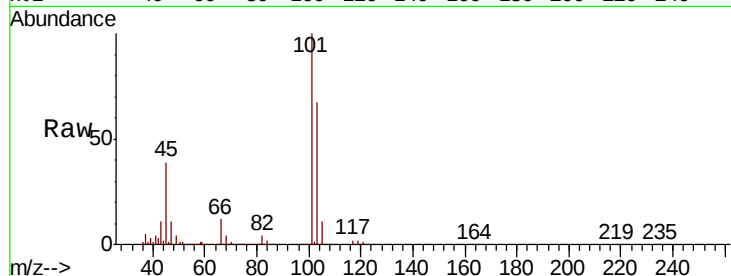
Acq: 6 Jun 2022 17:59

Tot Ion: 45 Resp: 729404

Ion Ratio Lower Upper

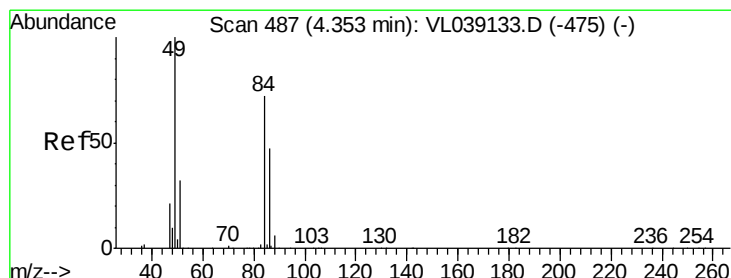
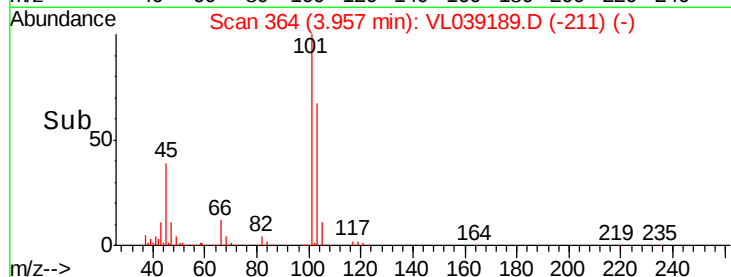
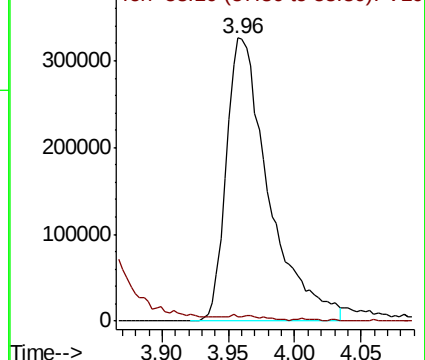
45 100

58 1.5 1.8 2.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 8.681 ppbv

RT: 4.35 min Scan# 485

Delta R.T. -0.01 min

Lab File: VL039189.D

Acq: 6 Jun 2022 17:59

Tgt Ion: 84 Resp: 480042

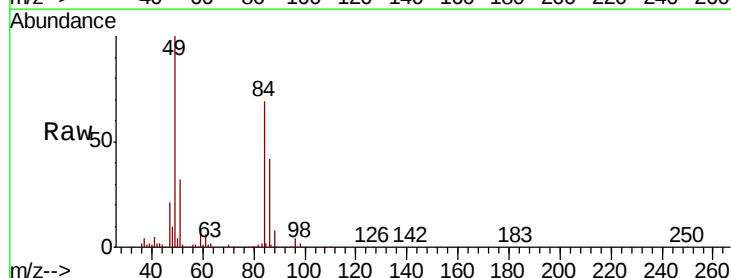
Ion Ratio Lower Upper

84 100

49 143.3 111.1 166.7

51 44.9 35.3 52.9

86 61.1 51.9 77.9

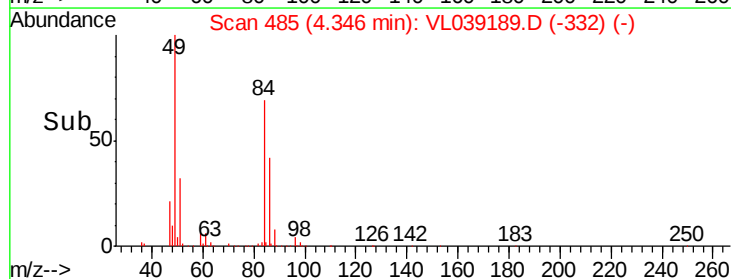
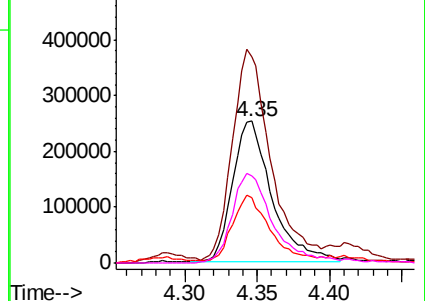


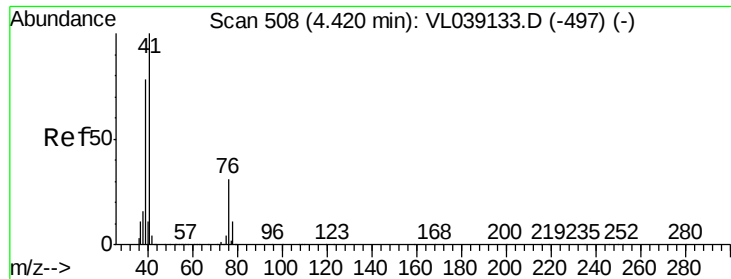
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

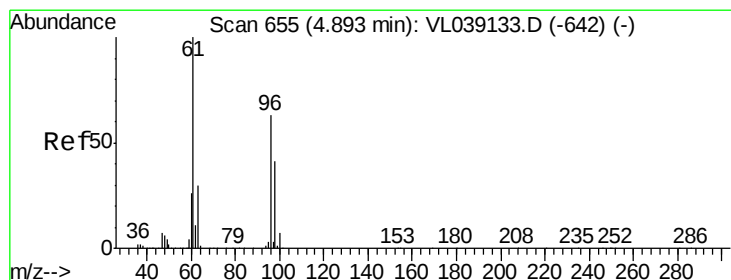
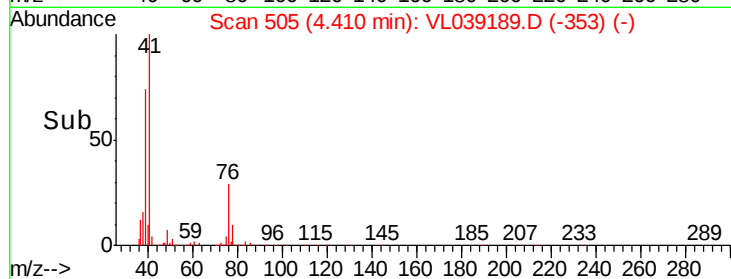
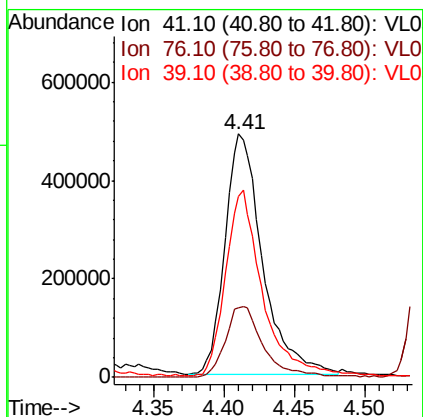
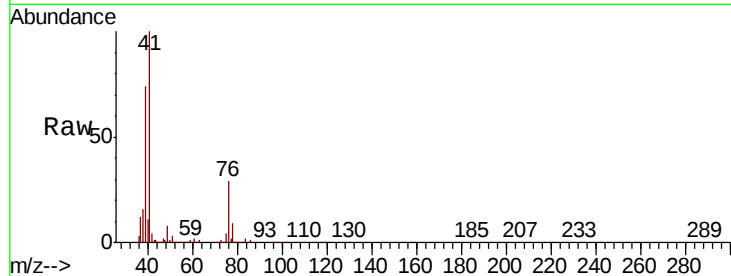
Ion 86.00 (85.70 to 86.70): VL0





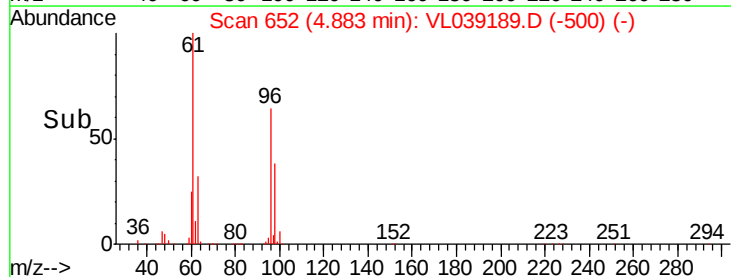
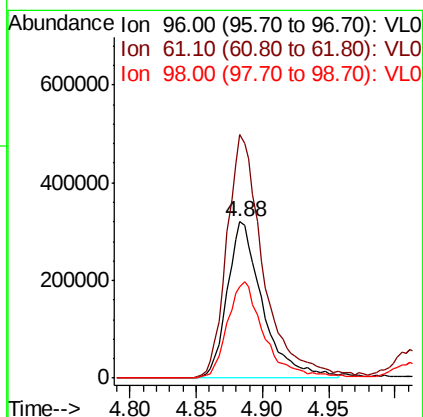
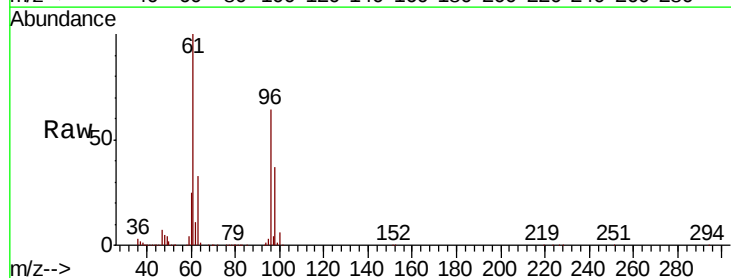
#21
 Allvl Chloride
 Concen: 10.276 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 Jun 2022 17:59

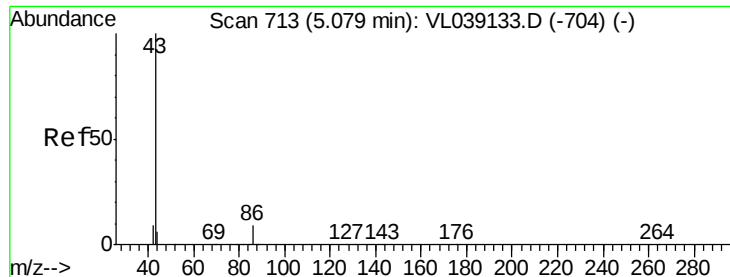
Tot Ion	Ratio	Lower	Upper
41	100		
76	29.9	24.2	36.2
39	76.7	62.2	93.2



#22
 trans-1,2-Dichloroethene
 Concen: 10.410 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: VL039189.D
 Acq: 6 Jun 2022 17:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.0	126.6	190.0
98	58.4	52.5	78.7





#23

Vinyl Acetate

Concen: 11.750 ppbv

RT: 5.07 Instrument:

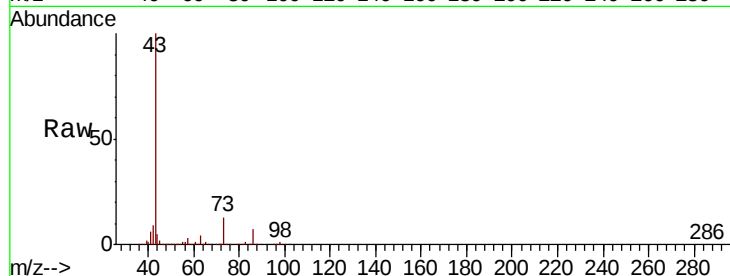
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

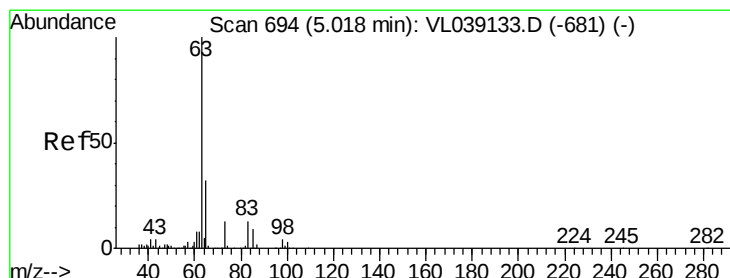
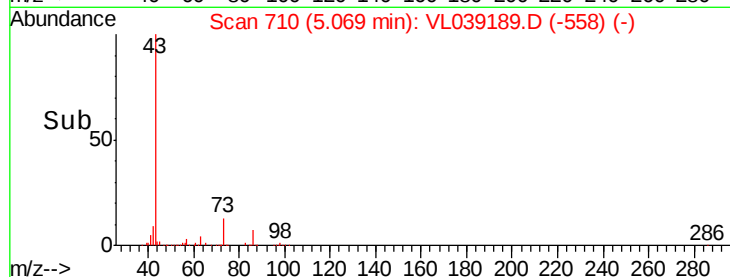
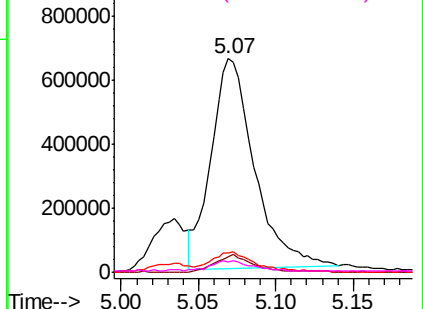
Acq: 6 Jun 2022 17:59

Tot Ion: 43 Resp: 1275768

Ion	Ratio	Lower	Upper
43	100		
86	7.1	6.0	9.0
42	9.1	8.2	12.4
44	4.5	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



#24

1,1-Dichloroethane

Concen: 8.860 ppbv

RT: 5.01 min Scan# 692

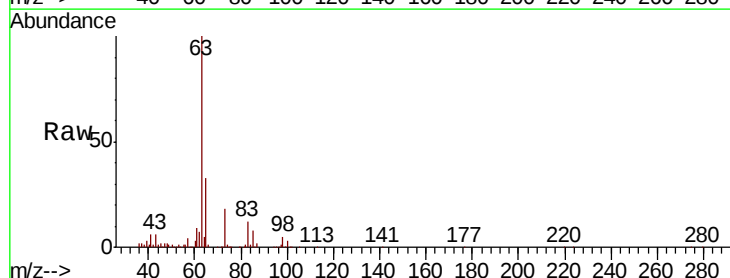
Delta R.T. -0.01 min

Lab File: VL039189.D

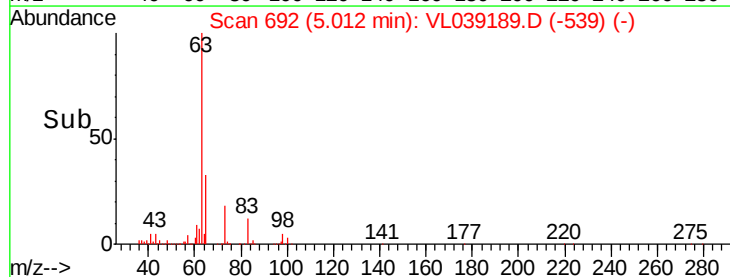
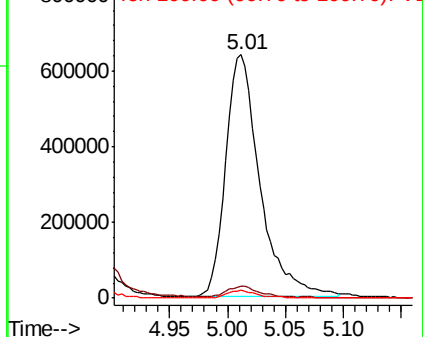
Acq: 6 Jun 2022 17:59

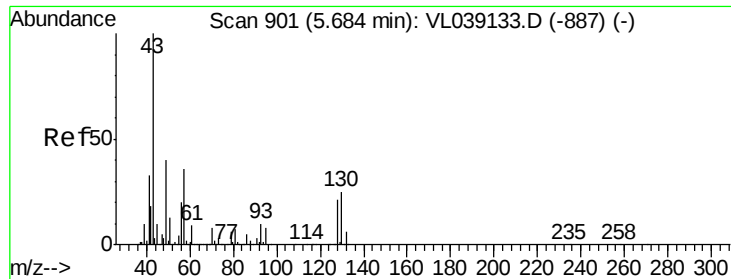
Tgt Ion: 63 Resp: 1318089

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.1	6.2
100	3.2	1.5	4.5



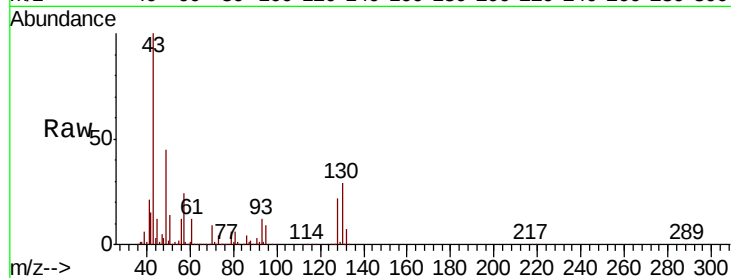
Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0





#25
Ethyl Acetate
Concen: 10.910 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Jun 2022 17:59

Tot Ion:	43	Resp:	3226643
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.2	12.2
61	10.5	8.4	12.6
70	7.3	5.6	8.4



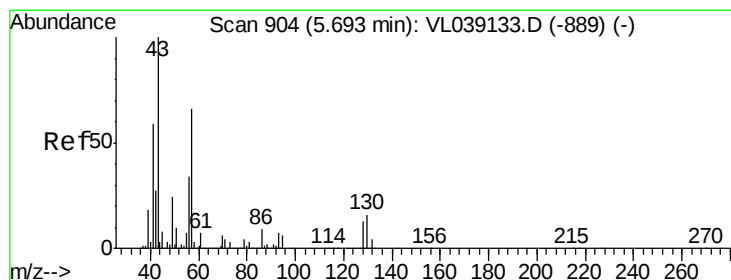
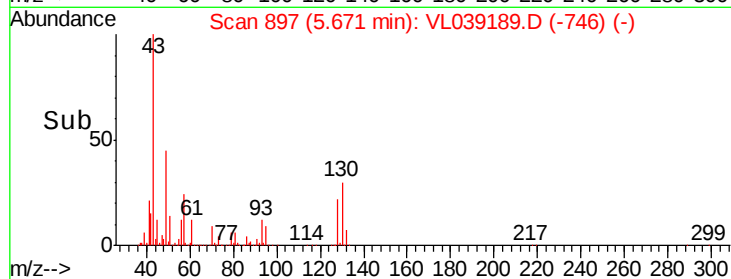
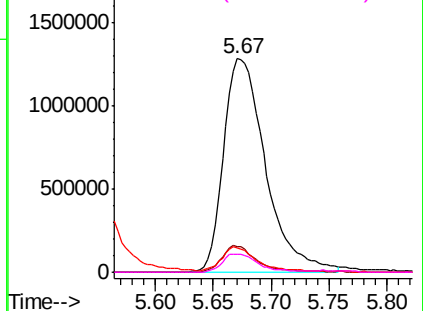
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

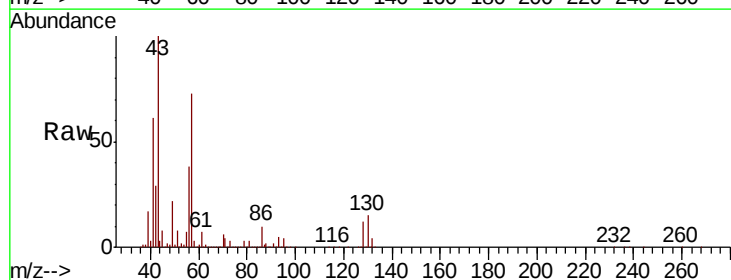
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 11.046 ppbv
RT: 5.69 min Scan# 902
Delta R.T.: -0.01 min
Lab File: VL039189.D
Acq: 6 Jun 2022 17:59

Tgt Ion:	57	Resp:	1435753
Ion	Ratio	Lower	Upper
57	100		
41	86.2	72.4	108.6
43	229.4	187.0	280.6
56	51.6	41.8	62.6



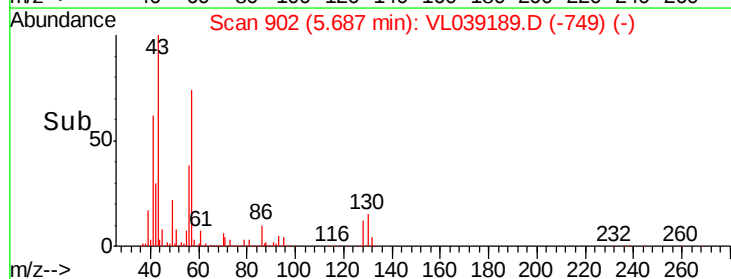
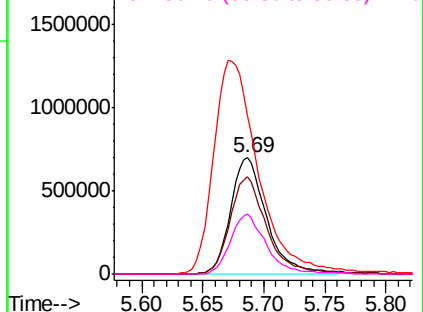
Abundance

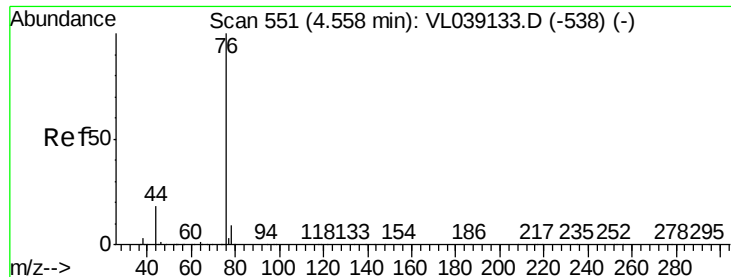
Ion 57.10 (56.80 to 57.80): VL0

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





#27

Carbon Disulfide

Concen: 10.408 ppbv

RT: 4.55 Instrument:

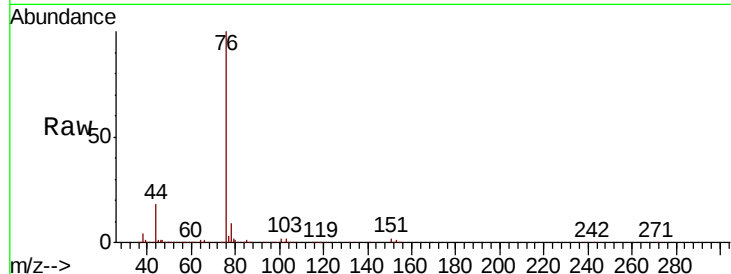
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

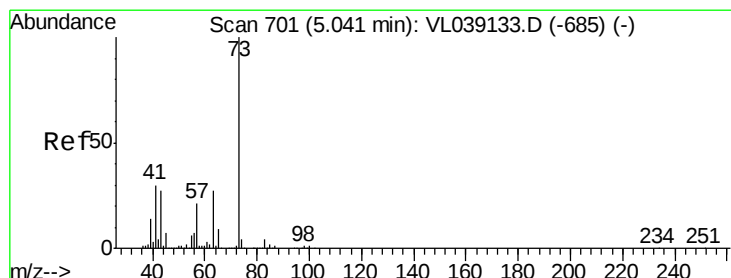
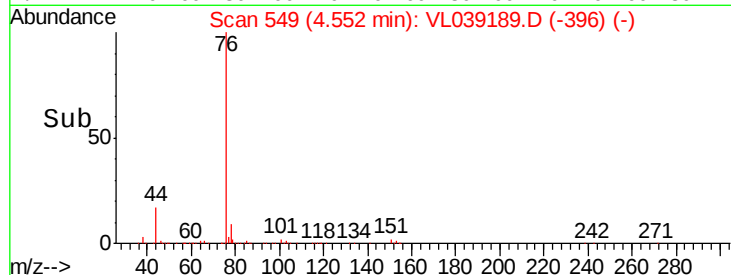
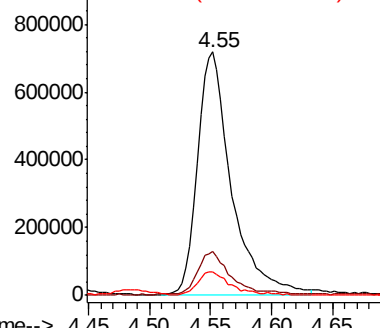
Acq: 6 Jun 2022 17:59

Tot Ion: 76 Resp: 1402004

Ion	Ratio	Lower	Upper
76	100		
44	17.1	14.4	21.6
78	9.3	7.7	11.5



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.682 ppbv

RT: 5.03 min Scan# 698

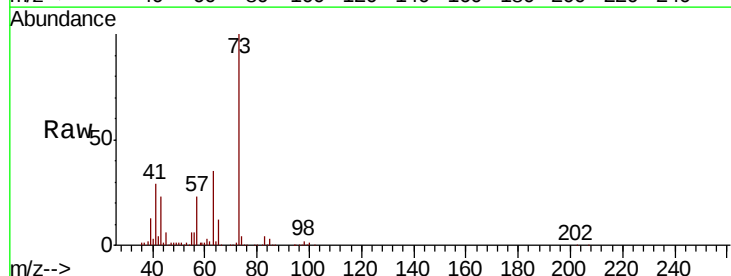
Delta R.T. -0.01 min

Lab File: VL039189.D

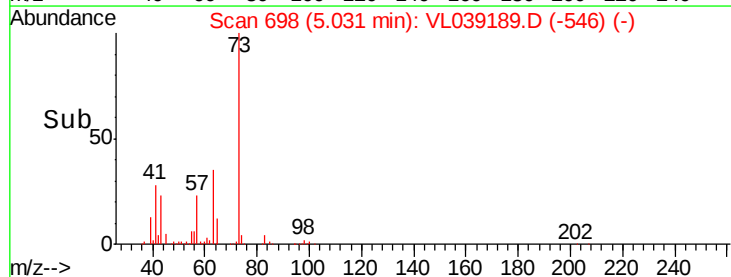
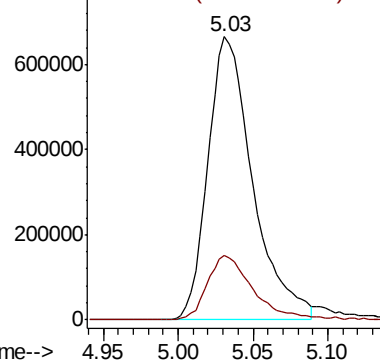
Acq: 6 Jun 2022 17:59

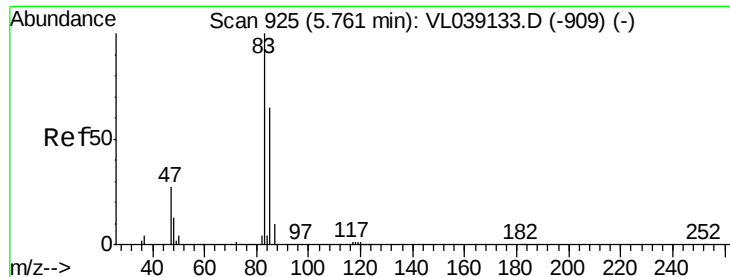
Tgt Ion: 73 Resp: 1389197

Ion	Ratio	Lower	Upper
73	100		
57	23.8	18.6	27.8



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 10.175 ppbv

RT: 5.75 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

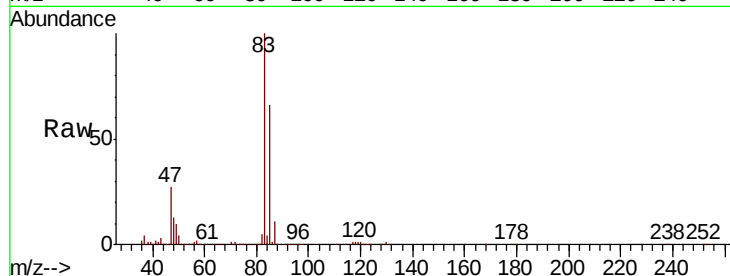
Acq: 6 Jun 2022 17:59

Tot Ion: 83 Resp: 2225350

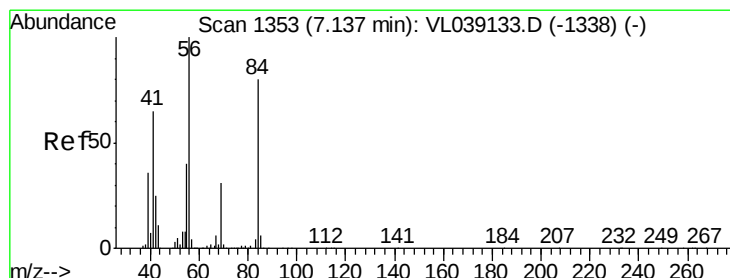
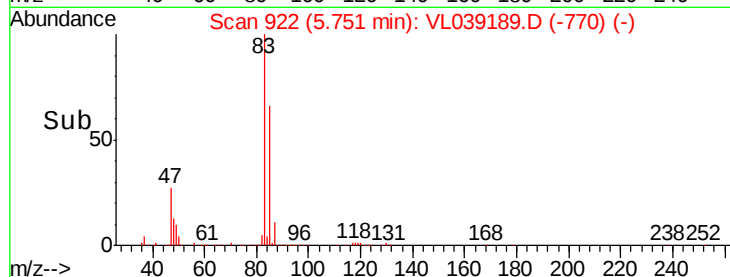
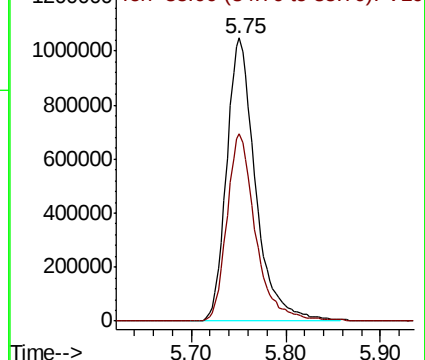
Ion Ratio Lower Upper

83 100

85 66.1 52.4 78.6



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



#30

Cyclohexane

Concen: 11.704 ppbv

RT: 7.13 min Scan# 1350

Delta R.T. -0.01 min

Lab File: VL039189.D

Acq: 6 Jun 2022 17:59

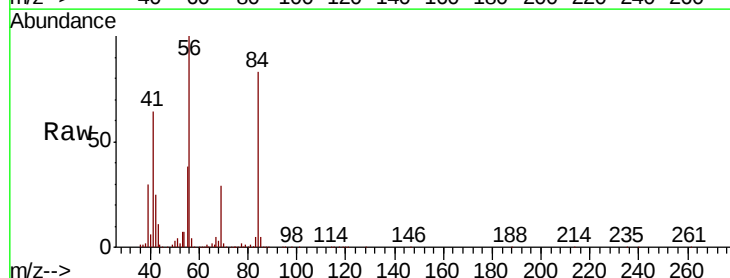
Tgt Ion: 84 Resp: 1277969

Ion Ratio Lower Upper

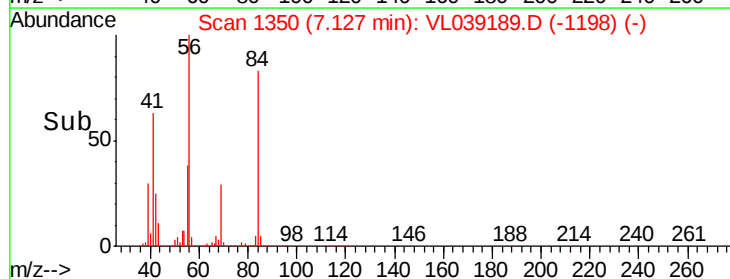
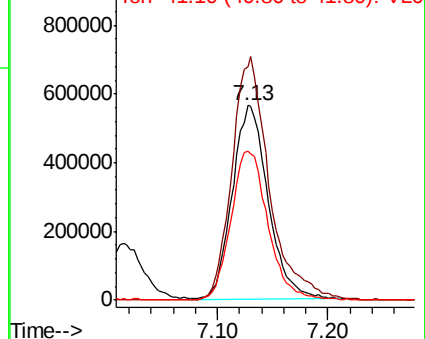
84 100

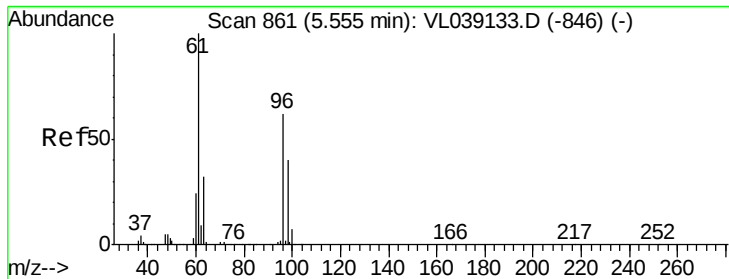
56 131.1 110.6 165.8

41 79.4 68.9 103.3



Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0





#31

cis-1,2-Dichloroethene

Concen: 10.750 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 Jun 2022 17:59

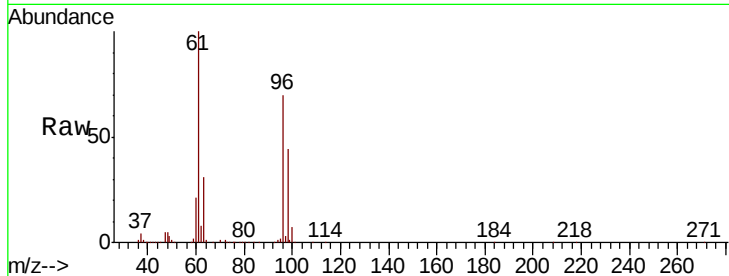
Tot Ion: 61 Resp: 1424701

Ion Ratio Lower Upper

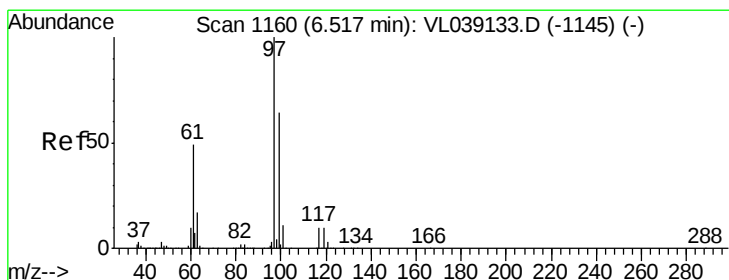
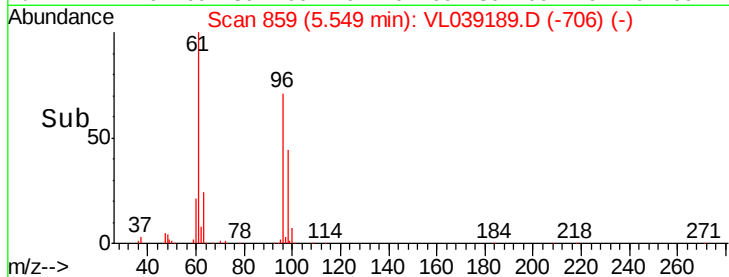
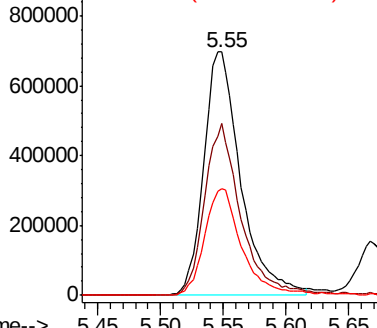
61 100

96 70.5 49.9 74.9

98 44.0 32.0 48.0



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 10.344 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VL039189.D

Acq: 6 Jun 2022 17:59

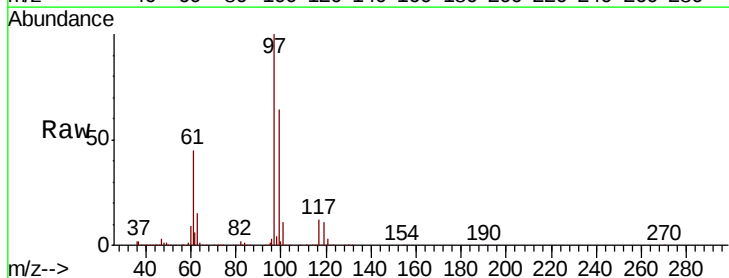
Tgt Ion: 97 Resp: 2213702

Ion Ratio Lower Upper

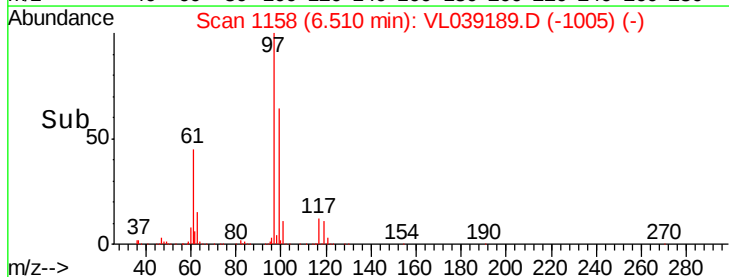
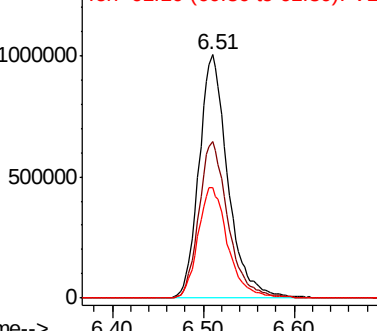
97 100

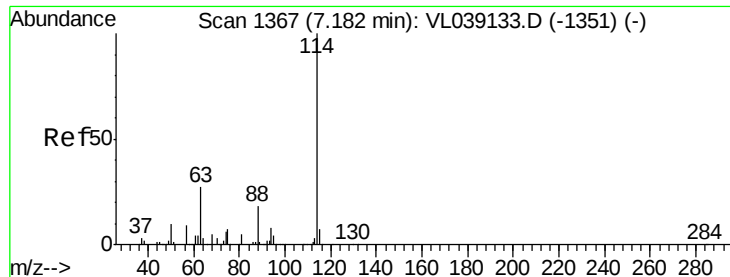
99 65.1 52.1 78.1

61 47.0 40.0 60.0



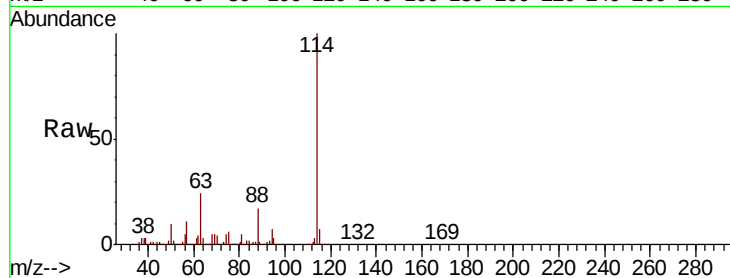
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



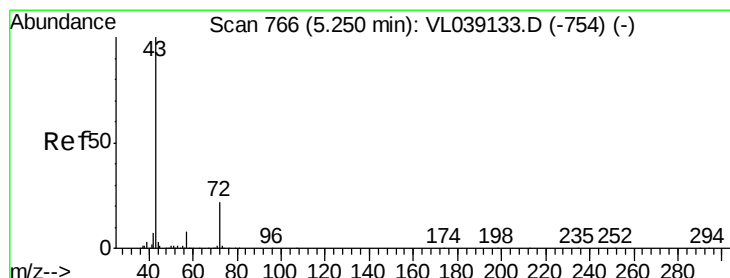
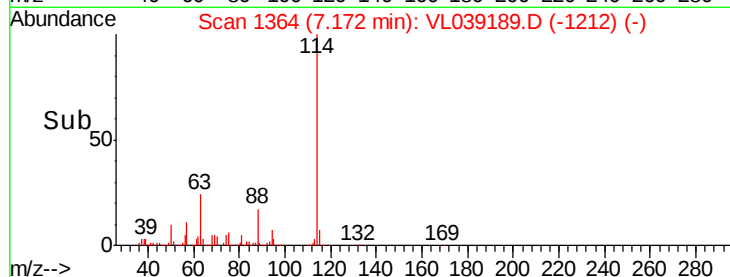
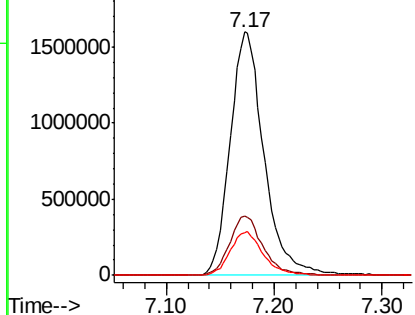


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 6 Jun 2022 17:59

Tot Ion:114 Resp: 3483413
 Ion Ratio Lower Upper
 114 100
 63 24.5 21.7 32.5
 88 17.8 14.8 22.2

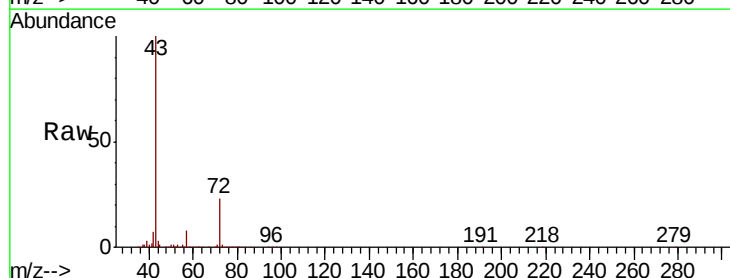


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

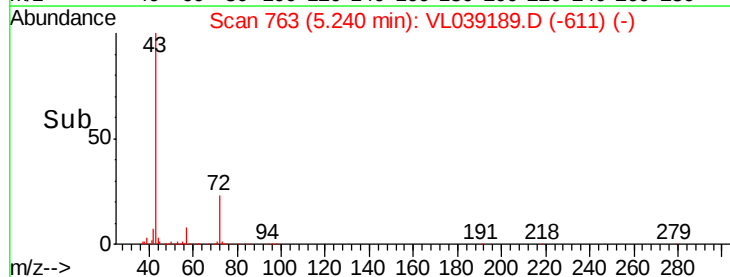
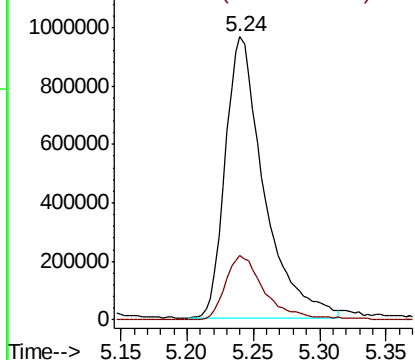


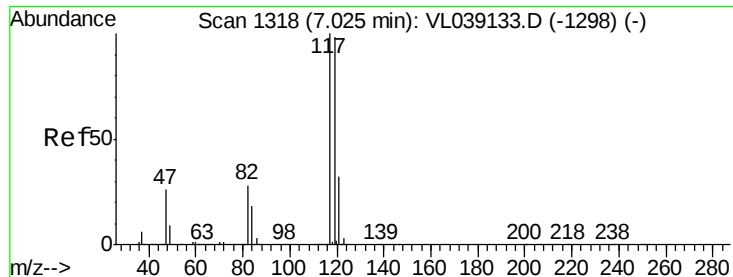
#34
 2-Butanone
 Concen: 10.339 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: VL039189.D
 Acq: 6 Jun 2022 17:59

Tgt Ion: 43 Resp: 1956619
 Ion Ratio Lower Upper
 43 100
 72 23.7 18.2 27.2



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

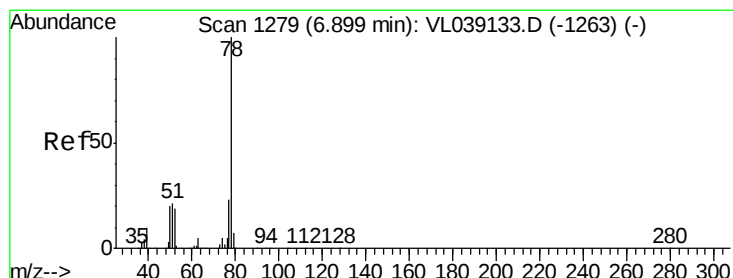
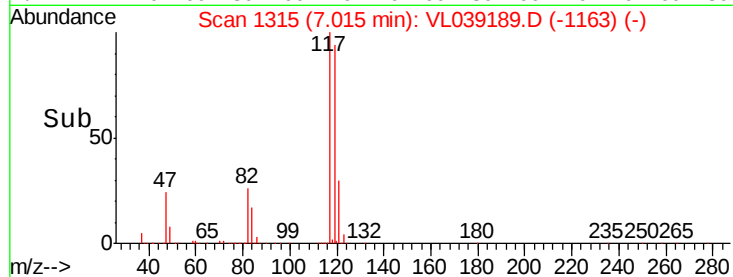
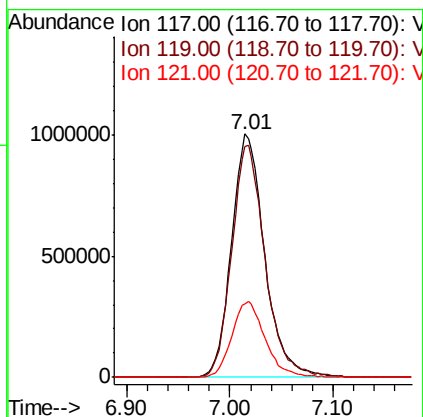
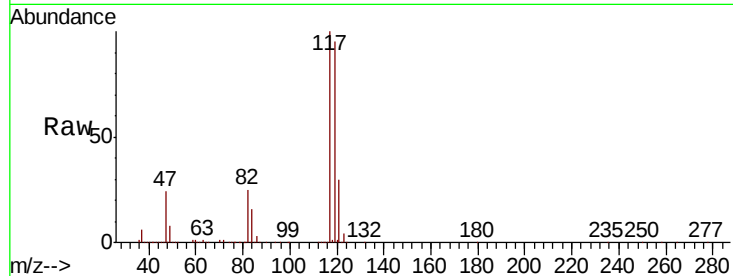




#35

Carbon Tetrachloride
 Concen: 8.853 ppbv
 RT: 7.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 Jun 2022 17:59

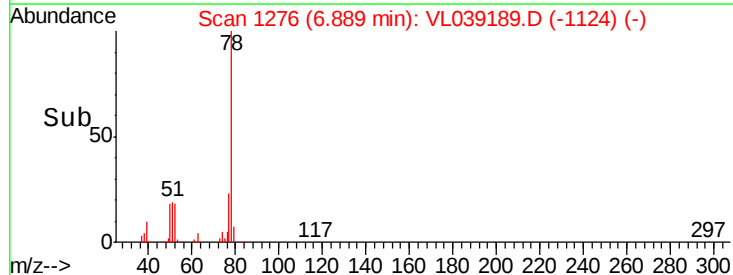
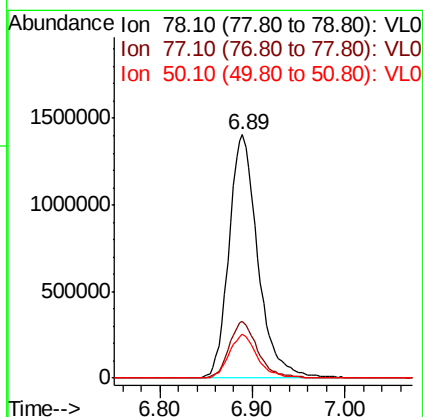
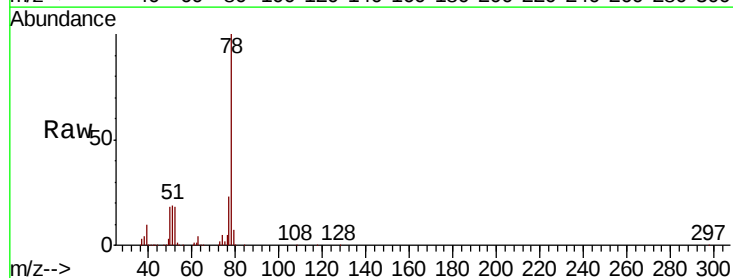
Tot Ion:117 Resp: 2250855
 Ion Ratio Lower Upper
 117 100
 119 94.7 78.6 118.0
 121 30.2 25.4 38.0

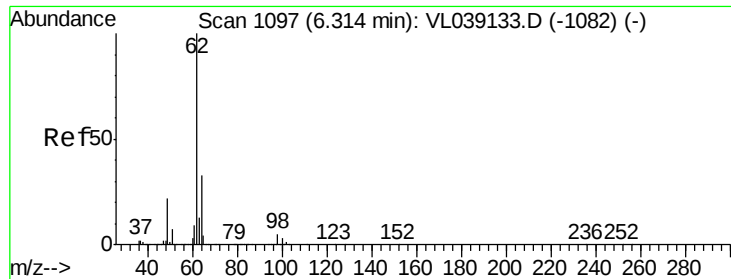


#36

Benzene
 Concen: 10.757 ppbv
 RT: 6.89 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: VL039189.D
 Acq: 6 Jun 2022 17:59

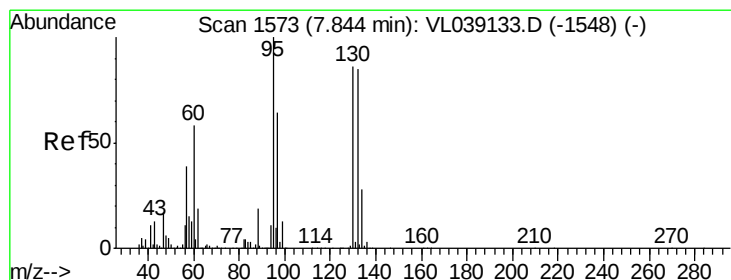
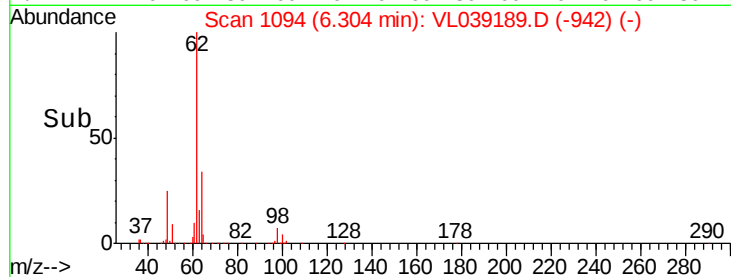
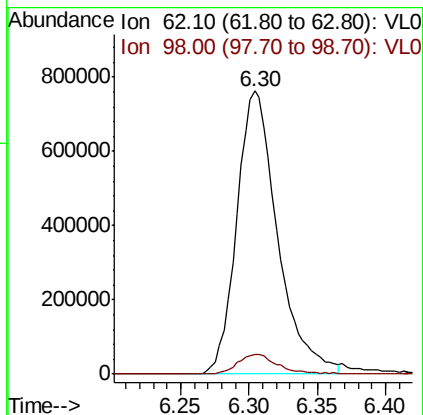
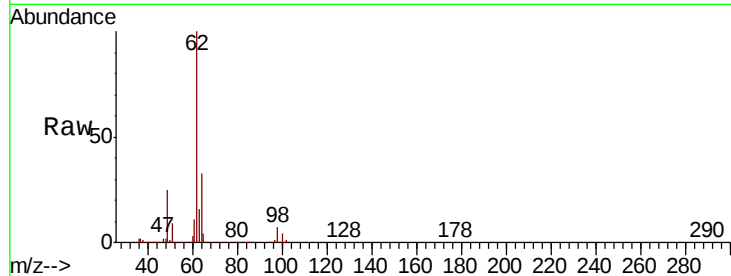
Tgt Ion: 78 Resp: 3042045
 Ion Ratio Lower Upper
 78 100
 77 23.2 18.6 27.8
 50 18.2 15.8 23.8





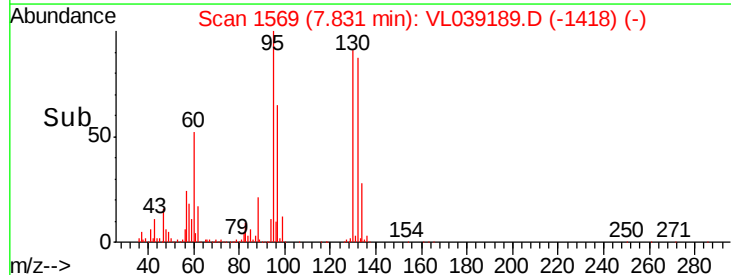
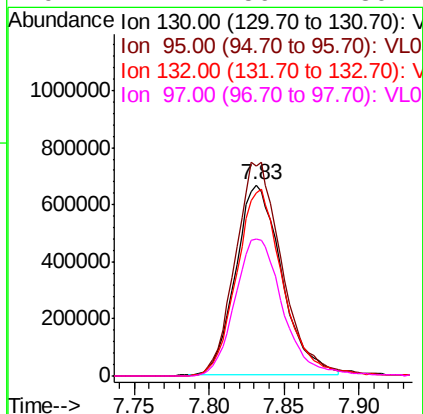
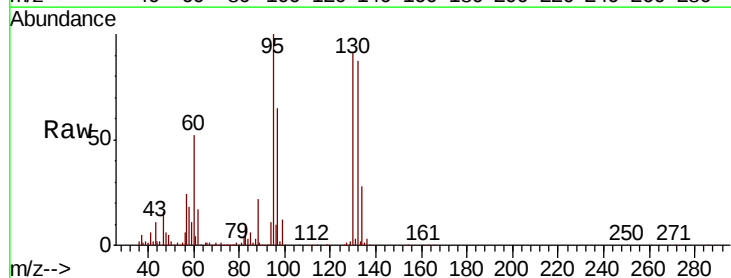
#37
 1,2-Dichloroethane
 Concen: 8.518 ppbv
 RT: 6.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 6 Jun 2022 17:59

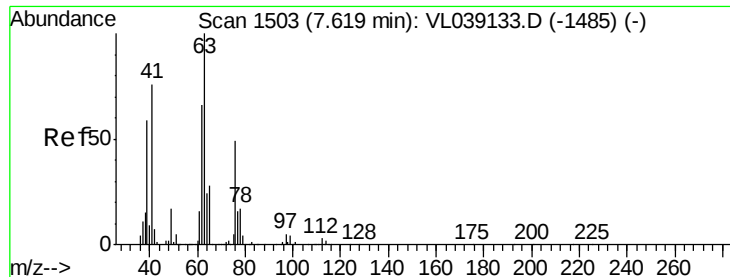
Tot Ion: 62 Resp: 1585399
 Ion Ratio Lower Upper
 62 100
 98 7.2 4.3 6.5#



#38
 Trichloroethene
 Concen: 11.003 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VL039189.D
 Acq: 6 Jun 2022 17:59

Tgt Ion:130 Resp: 1429235
 Ion Ratio Lower Upper
 130 100
 95 110.3 93.3 139.9
 132 96.1 79.0 118.4
 97 72.1 59.4 89.2





#39

1,2-Dichloropropane

Concen: 10.432 ppbv

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 Jun 2022 17:59

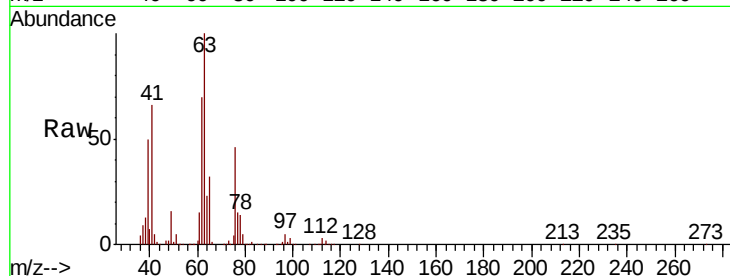
Tot Ion: 63 Resp: 1173441

Ion Ratio Lower Upper

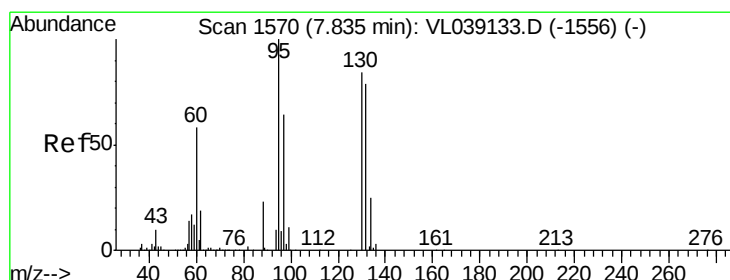
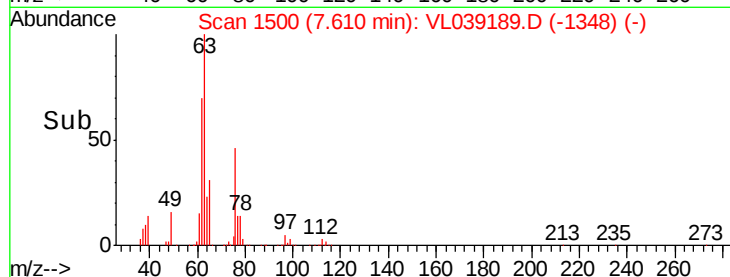
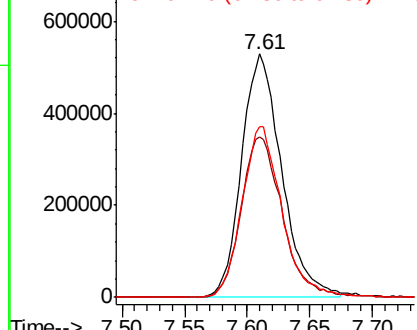
63 100

41 66.0 60.8 91.2

62 69.9 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



#40

1,4-Dioxane

Concen: 11.325 ppbv

RT: 7.82 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VL039189.D

Acq: 6 Jun 2022 17:59

Tgt Ion: 88 Resp: 419406

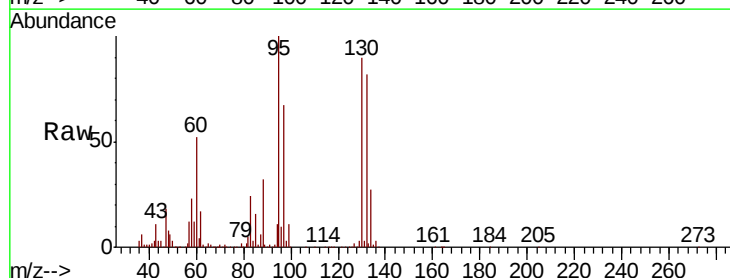
Ion Ratio Lower Upper

88 100

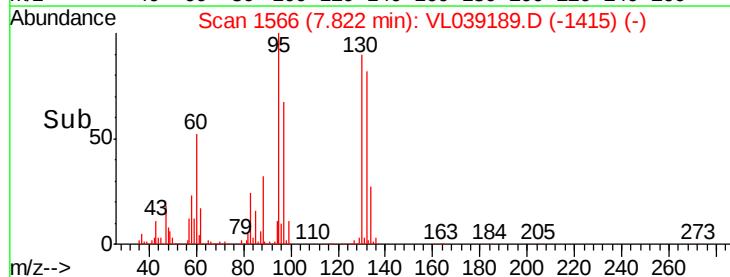
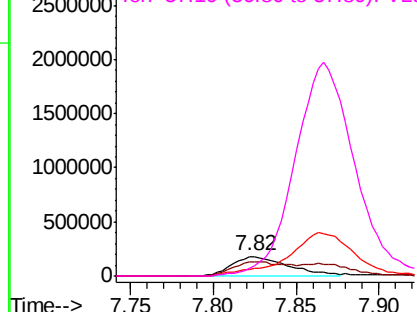
58 62.9 111.2 166.8#

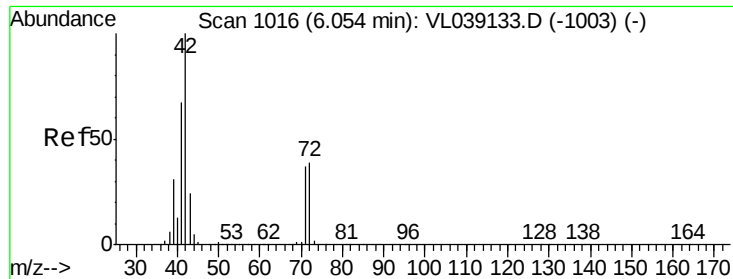
43 0.0 234.2 351.4#

57 0.0 1039.9 1559.9#



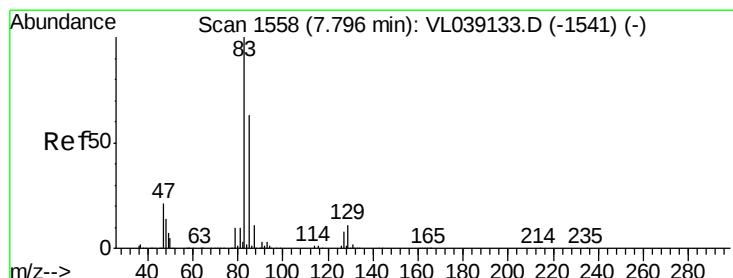
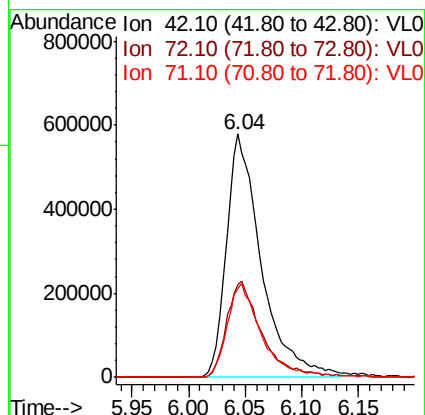
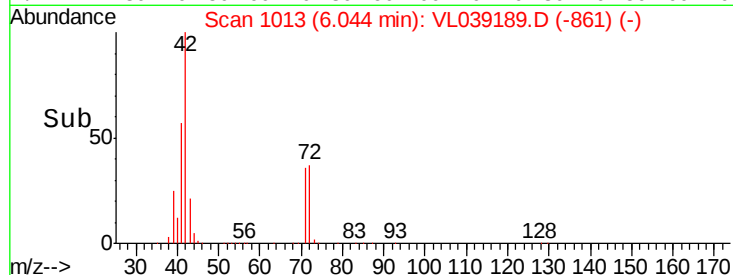
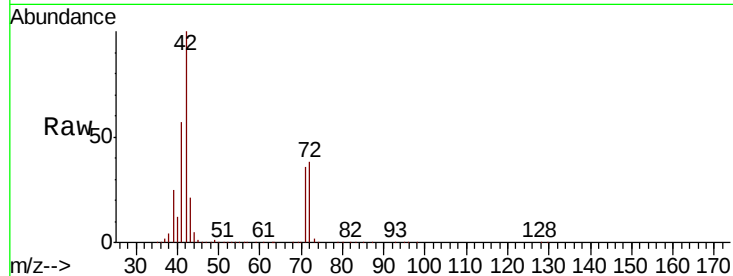
Abundance Ion 88.10 (87.80 to 88.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





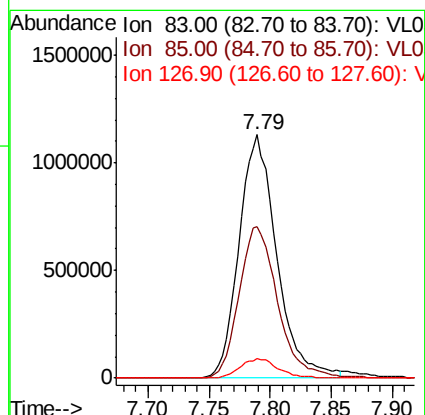
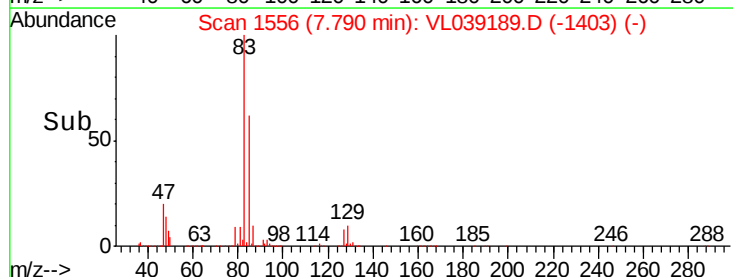
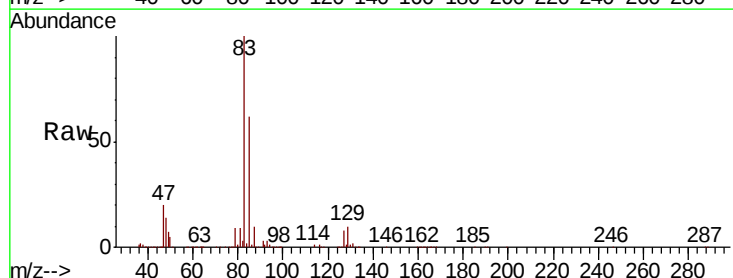
#41
Tetrahydrofuran
Concen: 10.900 ppbv
RT: 6.04
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Jun 2022 17:59

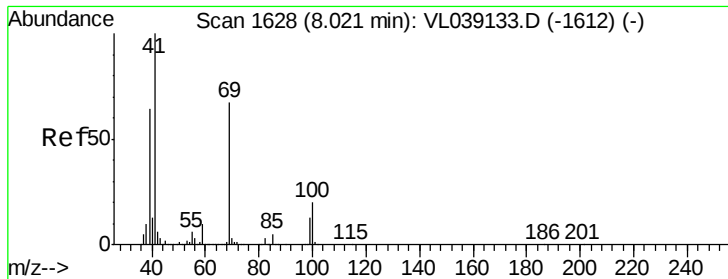
Tot Ion: 42 Resp: 1240686
Ion Ratio Lower Upper
42 100
72 40.2 32.0 48.0
71 38.4 31.1 46.7



#42
Bromodichloromethane
Concen: 9.352 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. -0.01 min
Lab File: VL039189.D
Acq: 6 Jun 2022 17:59

Tgt Ion: 83 Resp: 2415589
Ion Ratio Lower Upper
83 100
85 62.2 50.2 75.4
127 8.1 6.6 9.8





#43

Methyl Methacrylate

Concen: 11.204 ppbv

RT: 8.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 Jun 2022 17:59

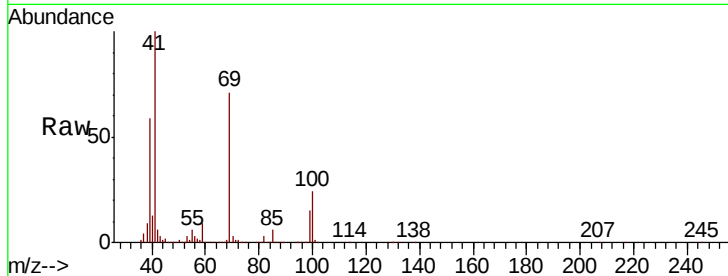
Tot Ion: 69 Resp: 1234250

Ion Ratio Lower Upper

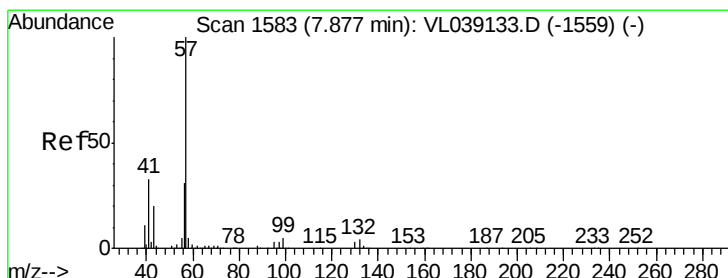
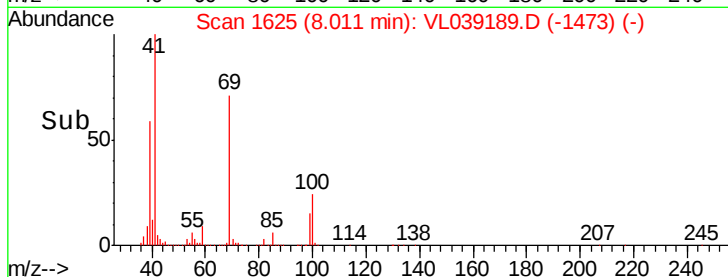
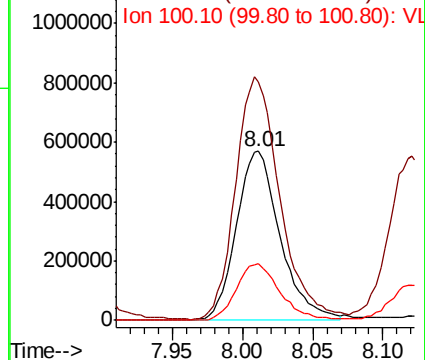
69 100

41 146.6 121.9 182.9

100 33.5 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: 10.111 ppbv

RT: 7.87 min Scan# 1580

Delta R.T. -0.01 min

Lab File: VL039189.D

Acq: 6 Jun 2022 17:59

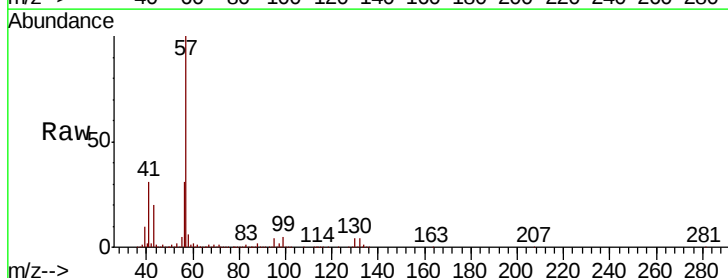
Tgt Ion: 57 Resp: 5001939

Ion Ratio Lower Upper

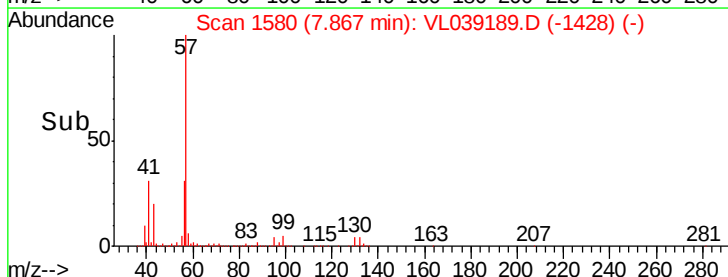
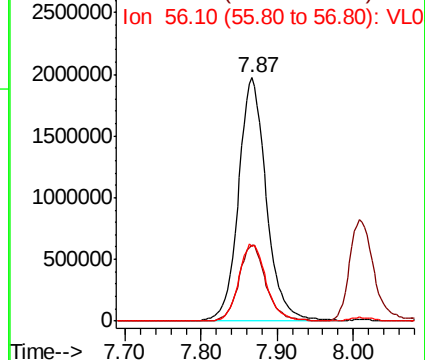
57 100

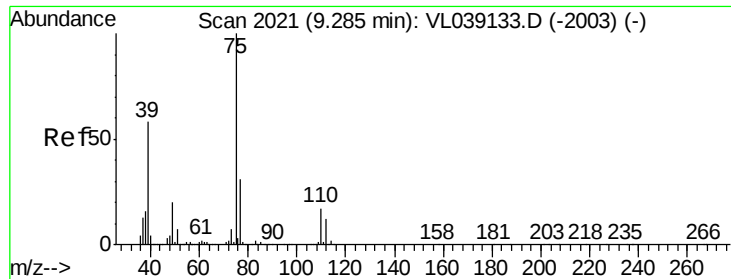
41 30.4 26.2 39.4

56 31.3 24.7 37.1



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#45

t-1,3-Dichloropropene

Concen: 11.676 ppbv

RT: 9.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

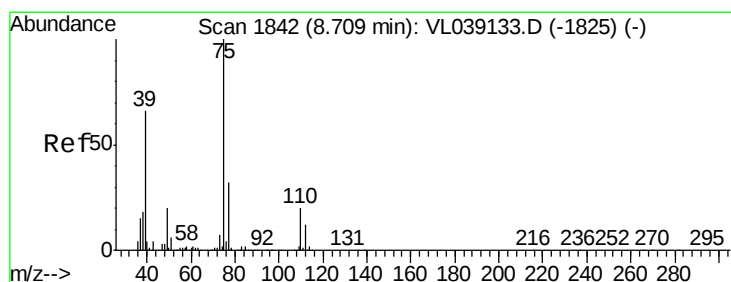
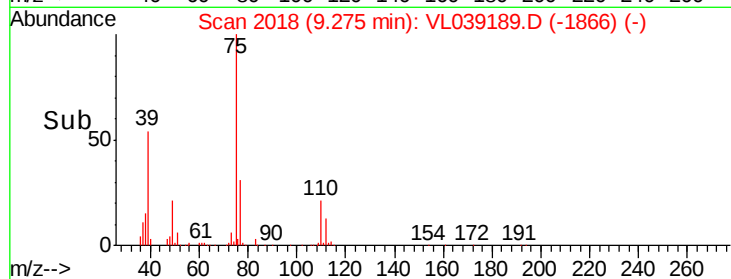
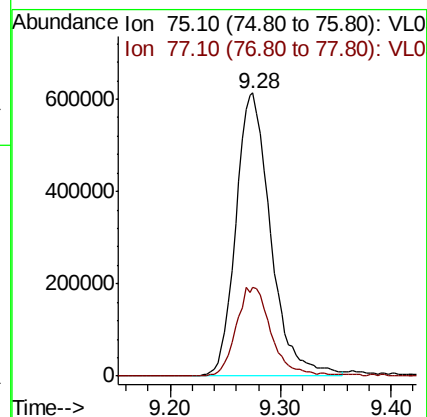
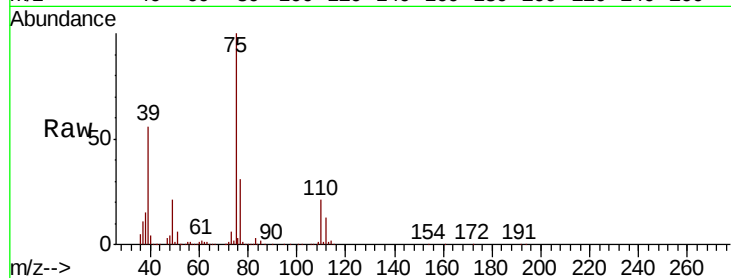
Acq: 6 Jun 2022 17:59

Tot Ion: 75 Resp: 1339545

Ion Ratio Lower Upper

75 100

77 31.4 24.4 36.6



#46

cis-1,3-Dichloropropene

Concen: 11.188 ppbv

RT: 8.70 min Scan# 1839

Delta R.T. -0.01 min

Lab File: VL039189.D

Acq: 6 Jun 2022 17:59

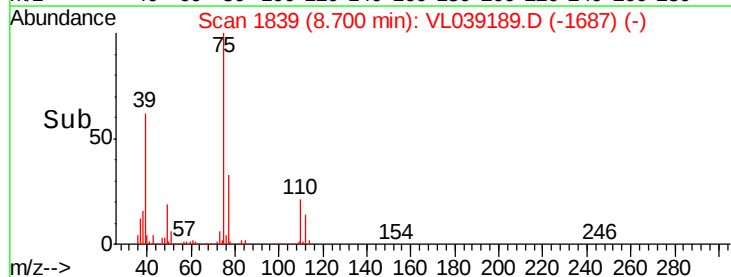
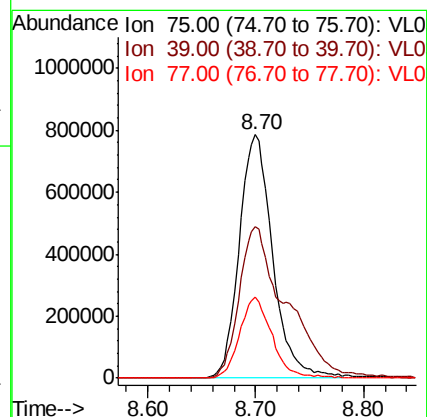
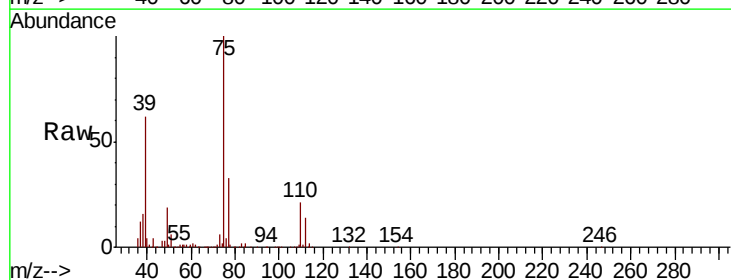
Tgt Ion: 75 Resp: 1695582

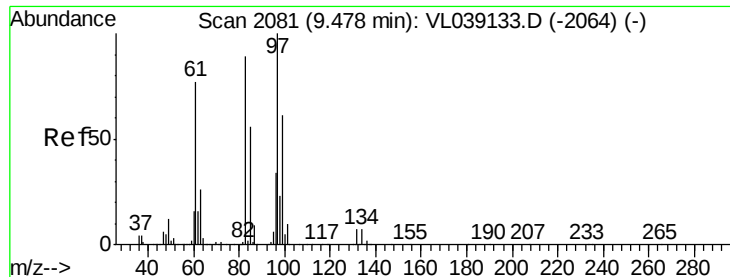
Ion Ratio Lower Upper

75 100

39 62.0 52.4 78.6

77 33.1 25.5 38.3

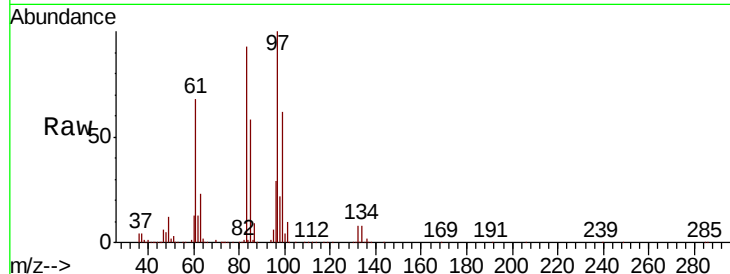




#47
 1,1,2-Trichloroethane
 Concen: 10.598 ppbv
 RT: 9.47 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 Jun 2022 17:59

Tot Ion: 97 Resp: 1243786

Ion	Ratio	Lower	Upper
97	100		
83	92.6	71.6	107.4
85	57.8	44.8	67.2
99	62.2	49.0	73.4



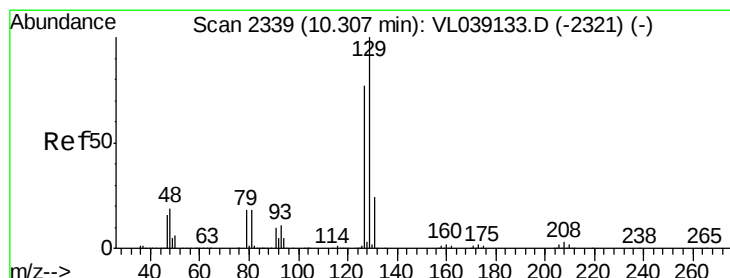
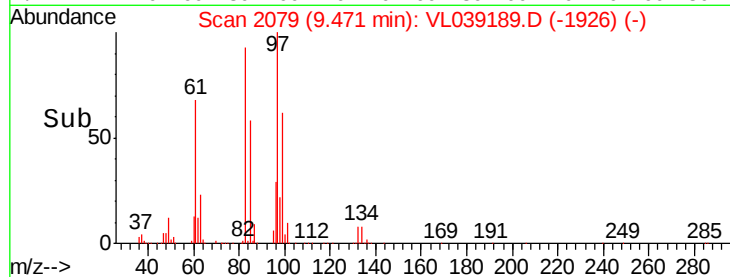
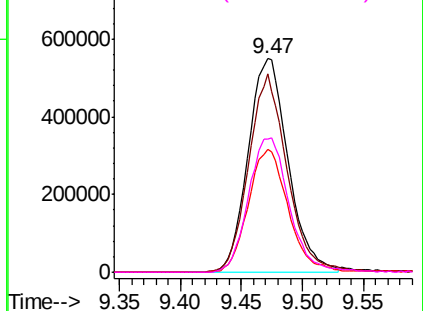
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

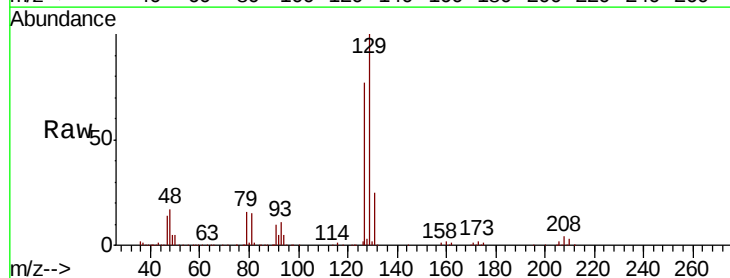
Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 9.926 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: VL039189.D
 Acq: 6 Jun 2022 17:59

Tgt Ion: 129 Resp: 2080038

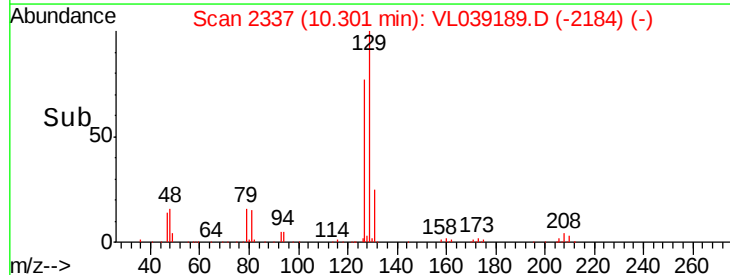
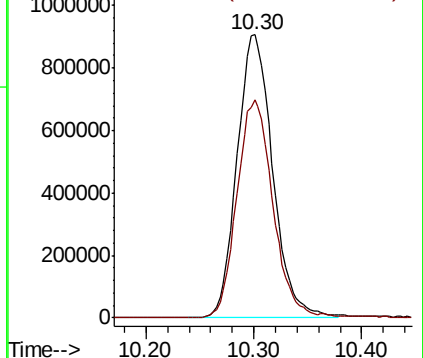
Ion	Ratio	Lower	Upper
129	100		
127	78.8	40.0	119.9

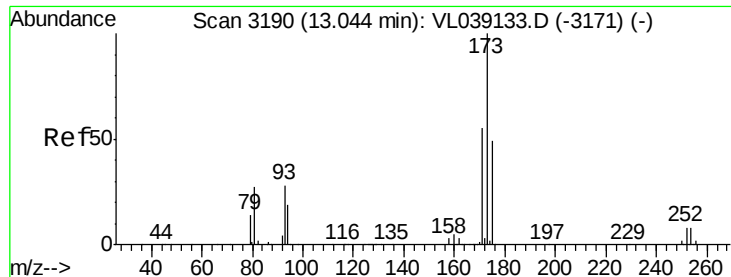


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.826 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File:

Acq: 6 Jun 2022 17:59

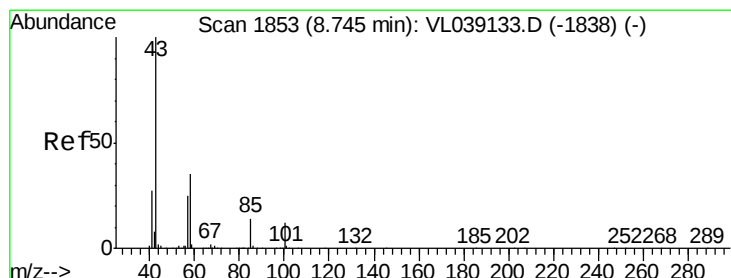
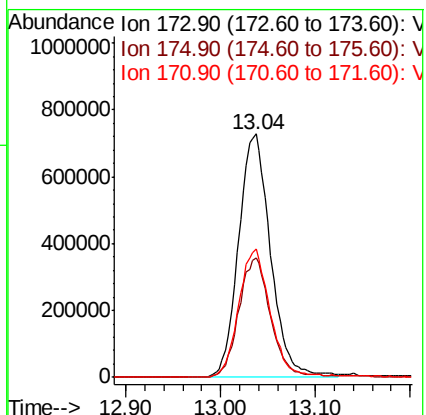
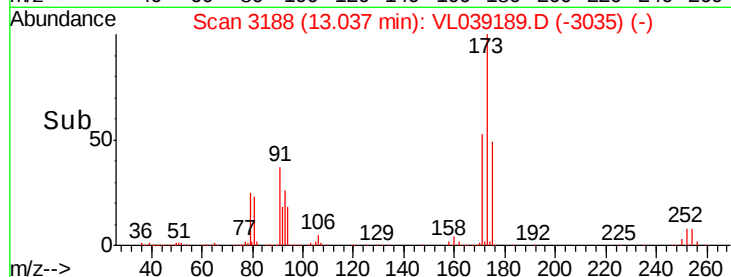
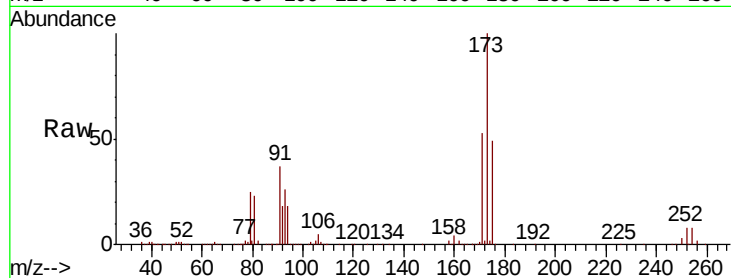
Tot Ion: 173 Resp: 1715915

Ion Ratio Lower Upper

173 100

175 49.8 40.2 60.2

171 52.6 43.9 65.9



#50

4-Methyl-2-Pentanone

Concen: 10.771 ppbv

RT: 8.73 min Scan# 1850

Delta R.T. -0.01 min

Lab File: VL039189.D

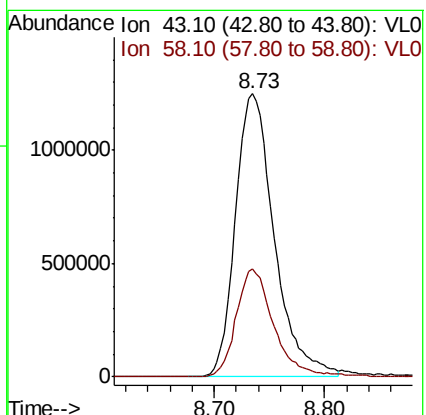
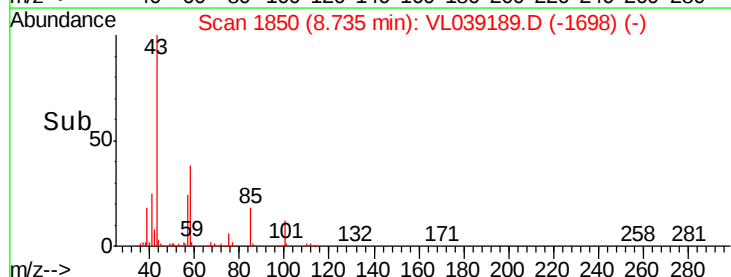
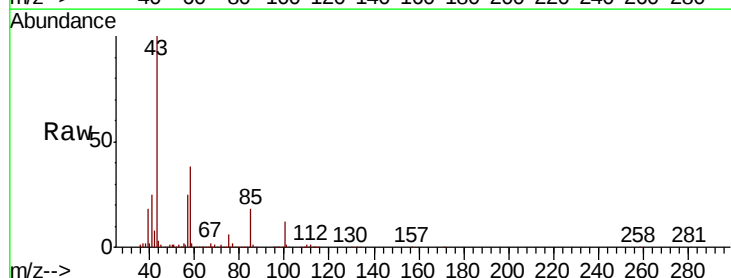
Acq: 6 Jun 2022 17:59

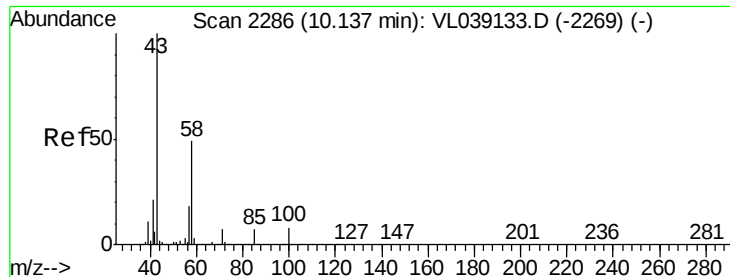
Tgt Ion: 43 Resp: 3051171

Ion Ratio Lower Upper

43 100

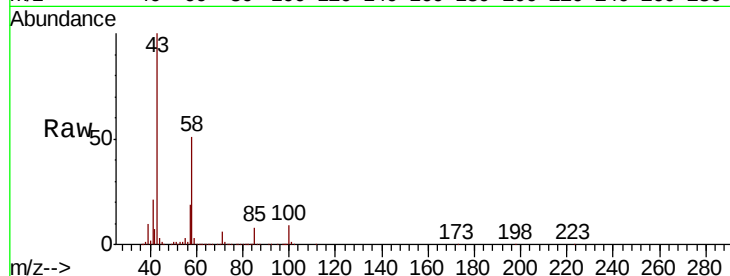
58 37.4 28.7 43.1



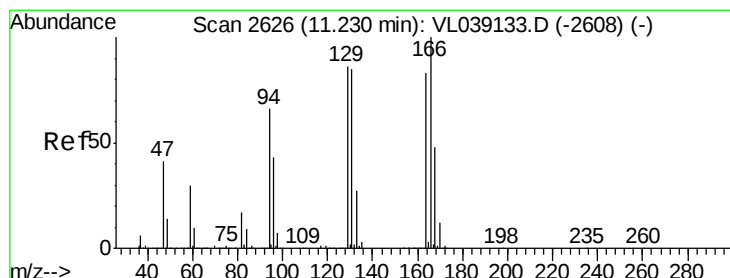
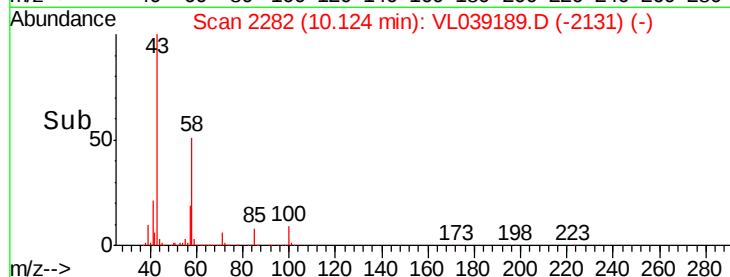
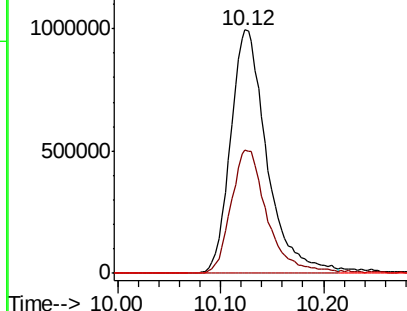


#51
2-Hexanone
Concen: 11.084 ppbv
RT: 10.12 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 Jun 2022 17:59

Tot Ion: 43 Resp: 2443109
Ion Ratio Lower Upper
43 100
58 51.7 40.0 60.0
98 0.1 0.1 0.1

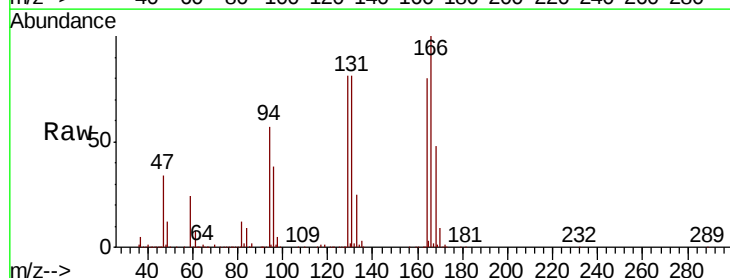


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0

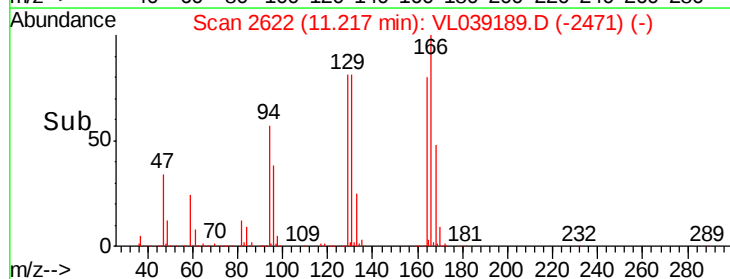
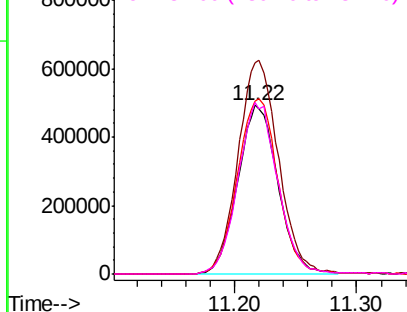


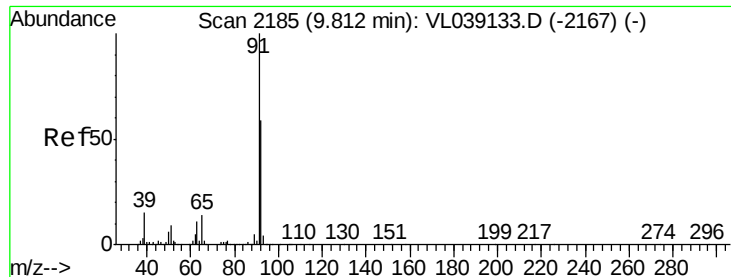
#52
Tetrachloroethene
Concen: 10.116 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL039189.D
Acq: 6 Jun 2022 17:59

Tgt Ion:164 Resp: 1116998
Ion Ratio Lower Upper
164 100
166 125.3 96.3 144.5
129 102.0 82.5 123.7
131 101.6 82.1 123.1



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 10.903 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

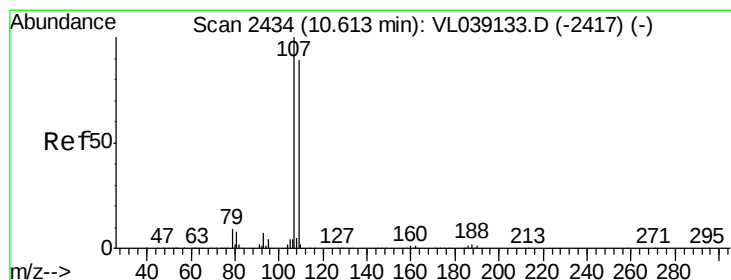
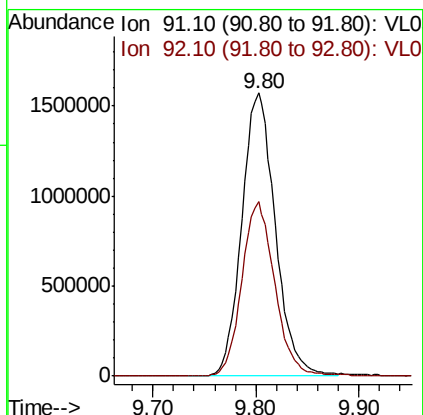
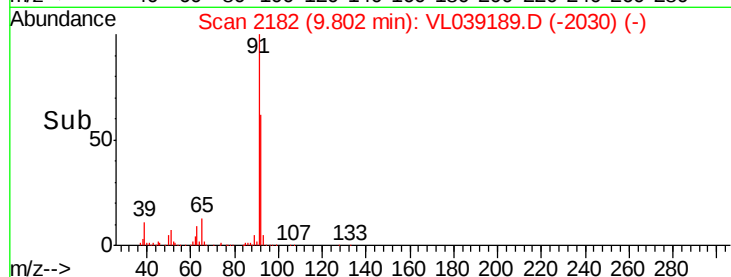
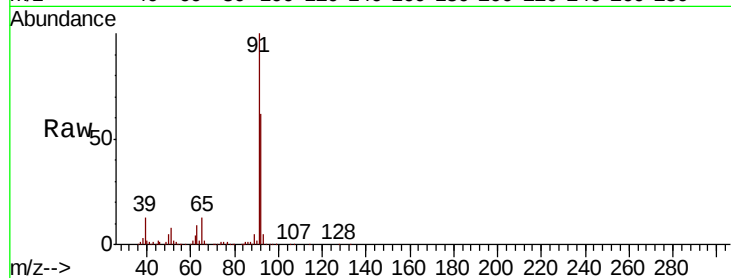
Acq: 6 Jun 2022 17:59

Tot Ion: 91 Resp: 3550502

Ion Ratio Lower Upper

91 100

92 61.0 48.1 72.1



#54

1,2-Dibromoethane

Concen: 10.772 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. -0.01 min

Lab File: VL039189.D

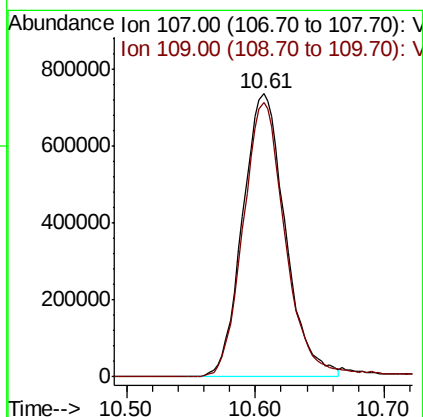
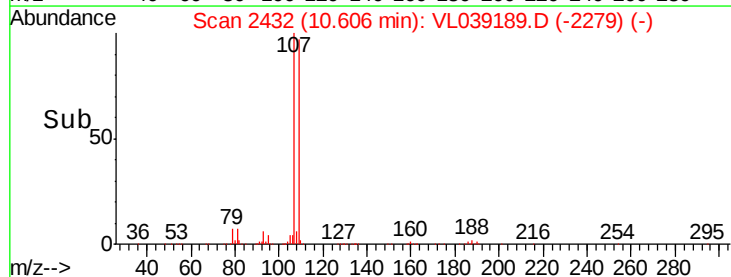
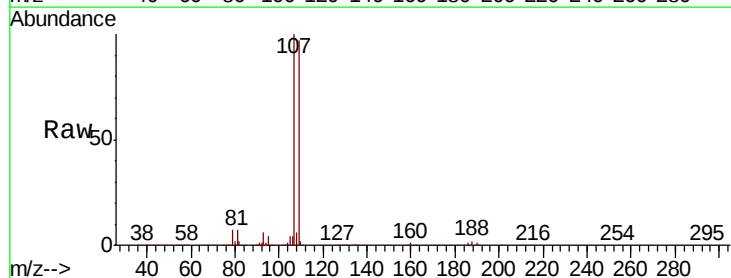
Acq: 6 Jun 2022 17:59

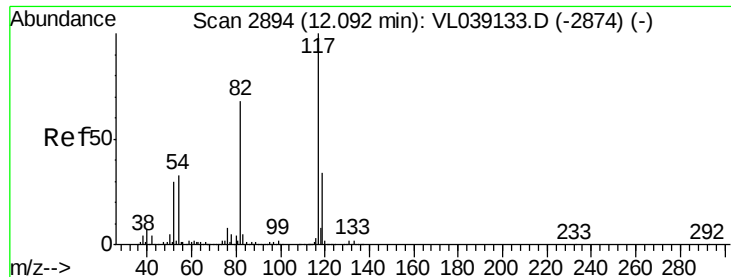
Tgt Ion: 107 Resp: 1698711

Ion Ratio Lower Upper

107 100

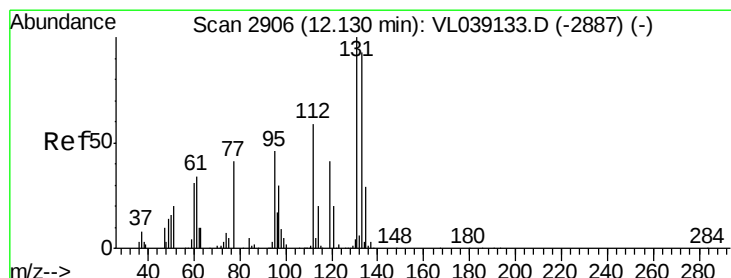
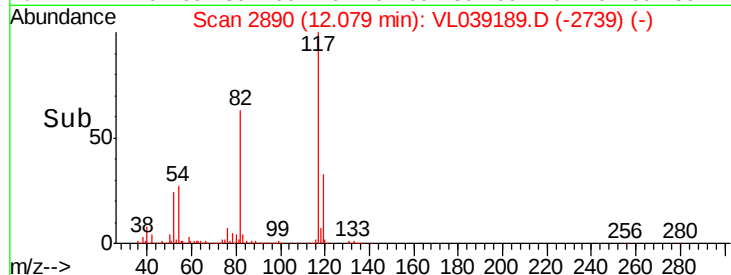
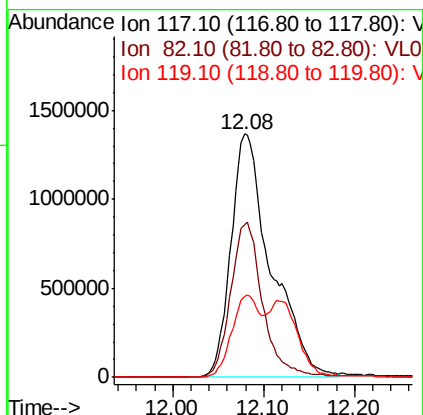
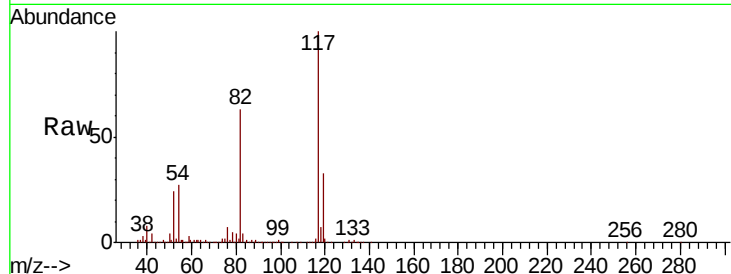
109 96.9 71.4 107.0





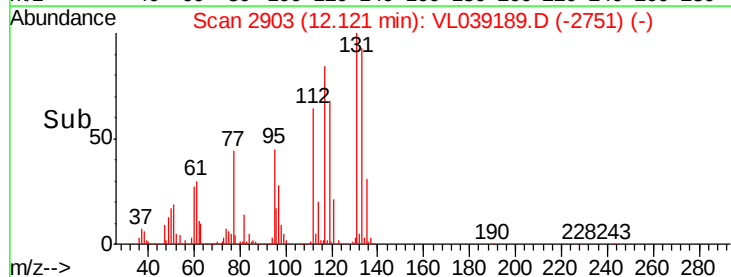
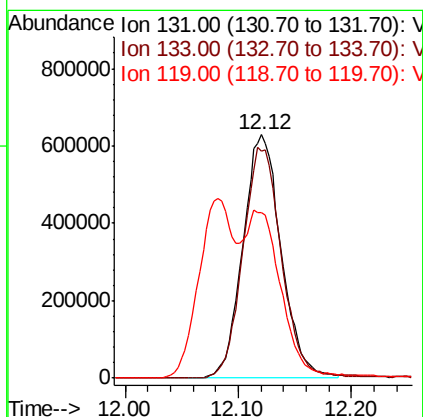
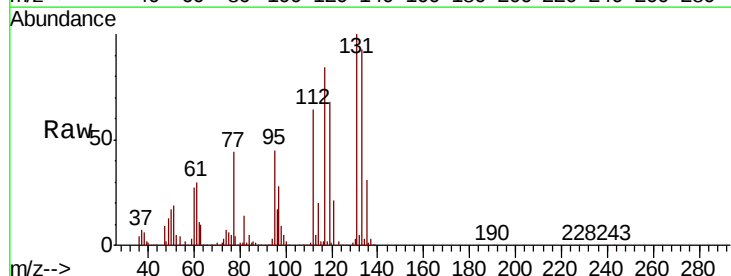
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 6 Jun 2022 17:59

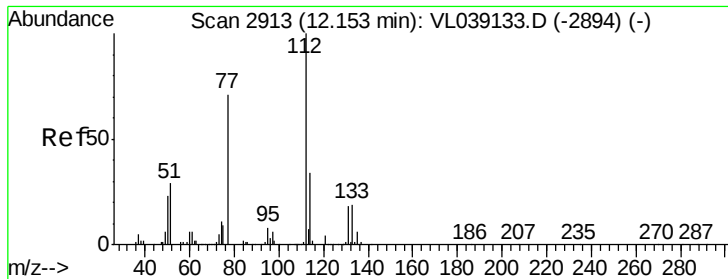
Tot Ion:117 Resp: 4190295
 Ion Ratio Lower Upper
 117 100
 82 51.2 55.1 82.7#
 119 23.1 24.7 37.1#



#56
 1,1,1,2-Tetrachloroethane
 Concen: 7.447 ppbv
 RT: 12.12 min Scan# 2903
 Delta R.T. -0.01 min
 Lab File: VL039189.D
 Acq: 6 Jun 2022 17:59

Tgt Ion:131 Resp: 1476656
 Ion Ratio Lower Upper
 131 100
 133 96.6 78.6 117.8
 119 66.0 51.7 77.5





#57

Chlorobenzene

Concen: 8.070 ppbv

RT: 12.14 min

Delta R.T. MSVOA_L

Lab File:

Acq: 6 Jun 2022 17:59

Instrument :

ClientSampleId :

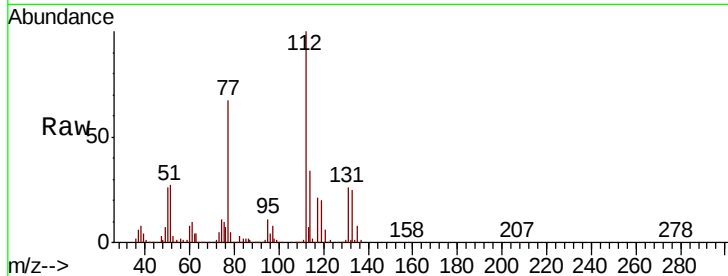
Tot Ion: 112 Resp: 2544397

Ion Ratio Lower Upper

112 100

77 66.5 56.5 84.7

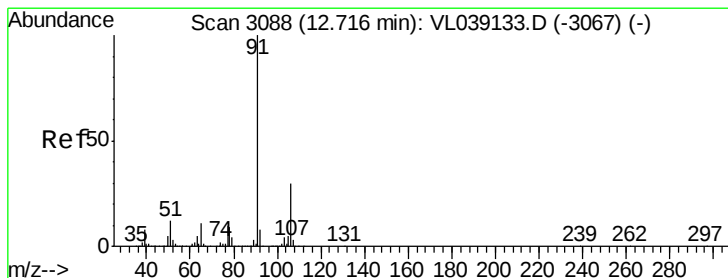
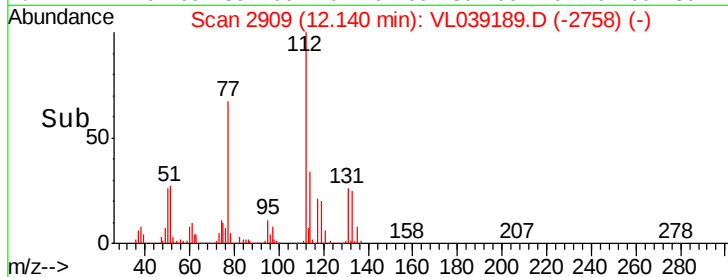
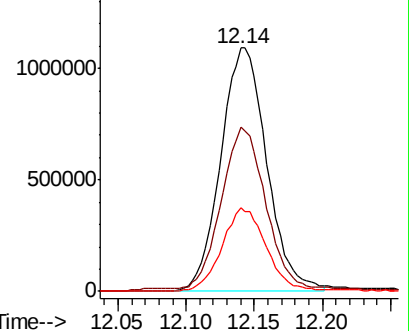
114 34.0 30.3 37.1



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 8.053 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. -0.01 min

Lab File: VL039189.D

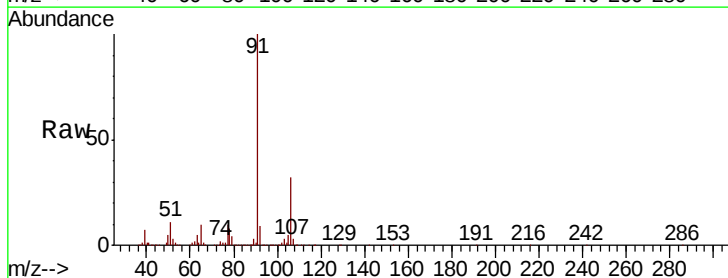
Acq: 6 Jun 2022 17:59

Tgt Ion: 91 Resp: 4648390

Ion Ratio Lower Upper

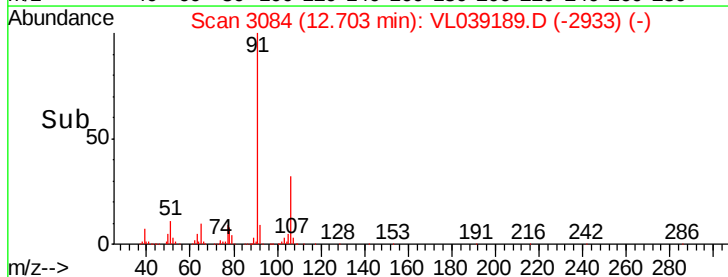
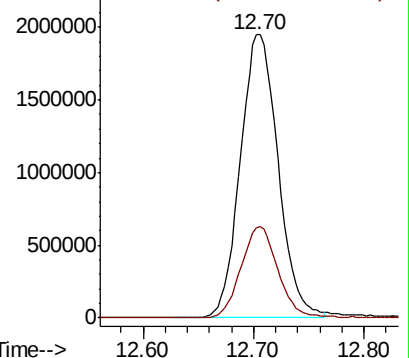
91 100

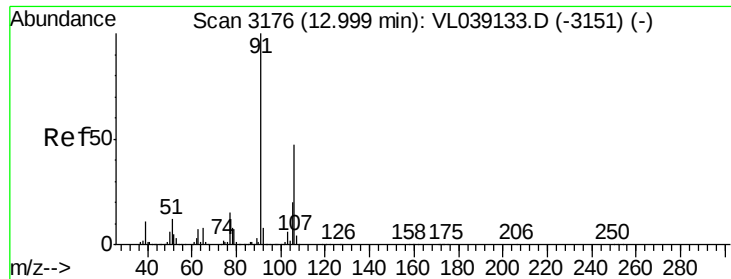
106 32.1 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

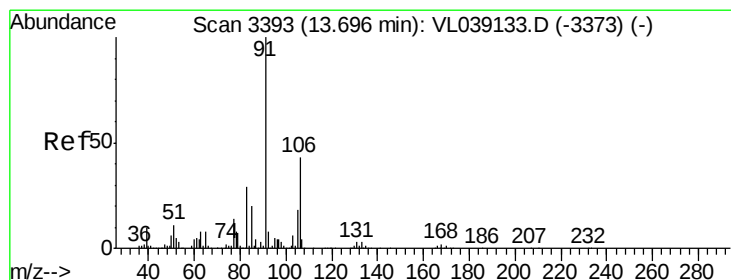
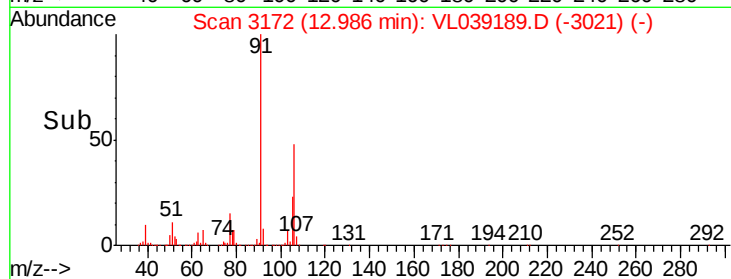
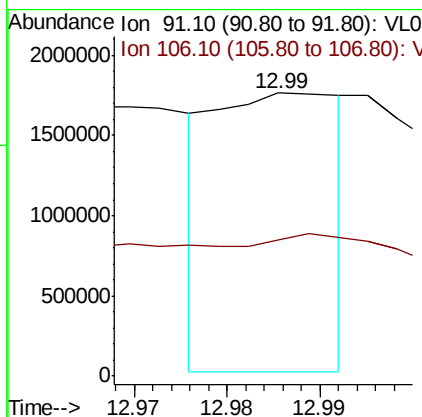
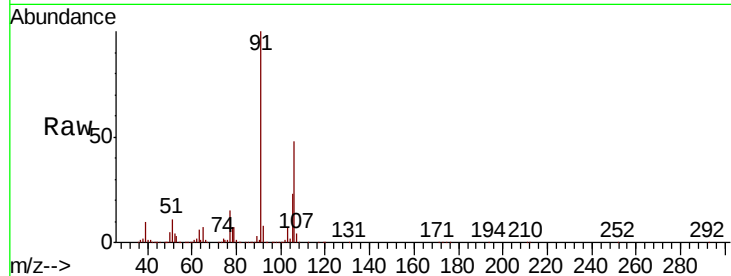
Ion 106.10 (105.80 to 106.80): V





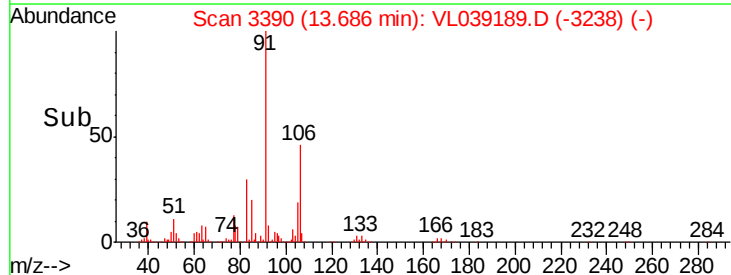
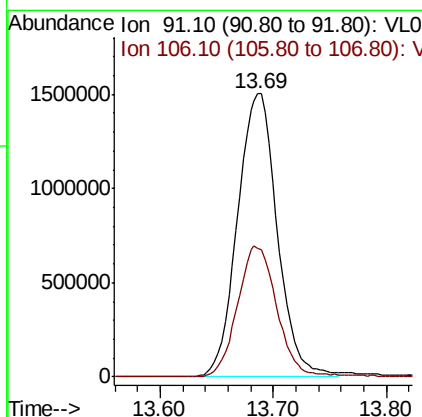
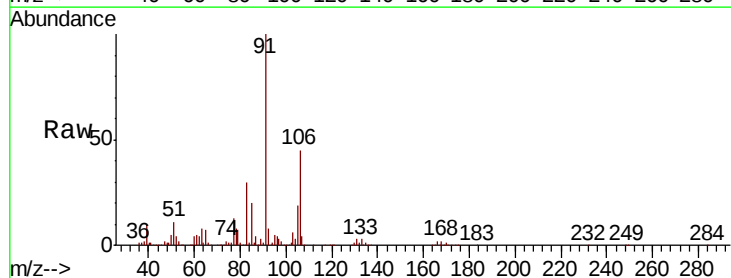
#59
m/p-Xylene
Concen: 3.224 ppbv
RT: 12.99 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 Jun 2022 17:59

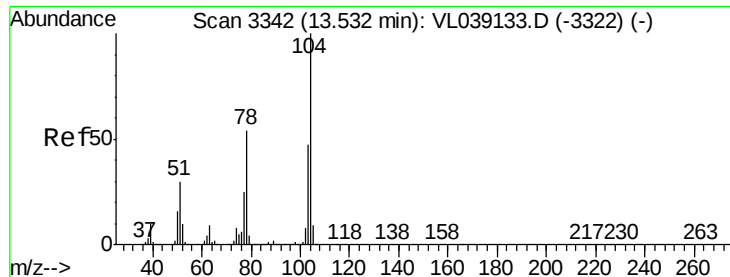
Tot Ion: 91 Resp: 1638909
Ion Ratio Lower Upper
91 100
106 216.0 34.3 51.5#



#60
o-Xylene
Concen: 7.682 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL039189.D
Acq: 6 Jun 2022 17:59

Tgt Ion: 91 Resp: 3668921
Ion Ratio Lower Upper
91 100
106 46.3 22.3 66.9





#61

Stvrene

Concen: 8.916 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 Jun 2022 17:59

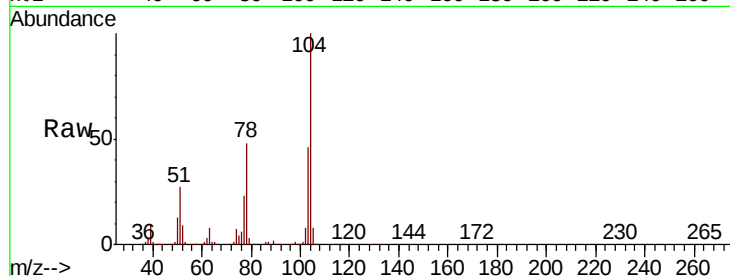
Tot Ion:104 Resp: 2280358

Ion Ratio Lower Upper

104 100

78 50.1 45.7 68.5

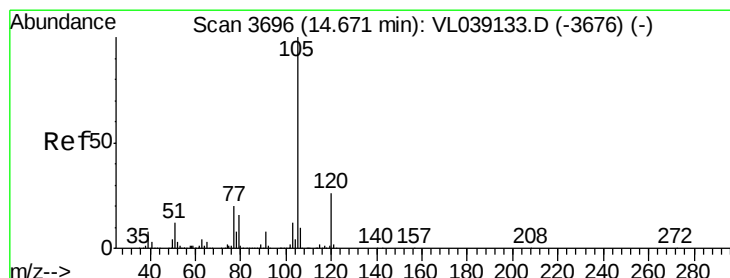
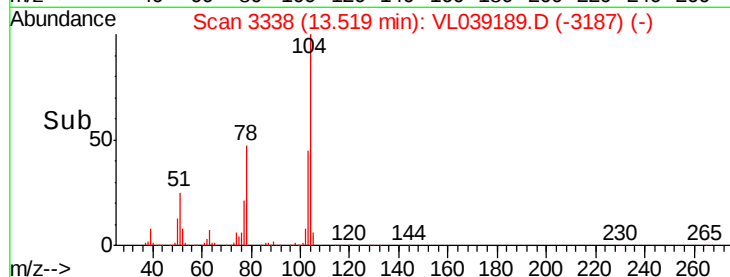
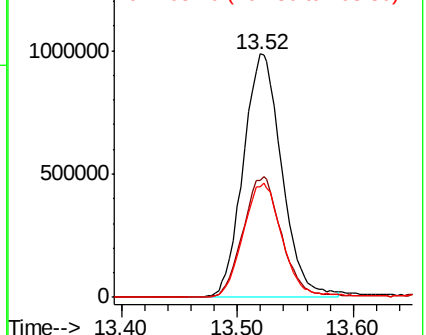
103 48.0 39.6 59.4



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



#62

Isopropylbenzene

Concen: 7.670 ppbv

RT: 14.66 min Scan# 3693

Delta R.T. -0.01 min

Lab File: VL039189.D

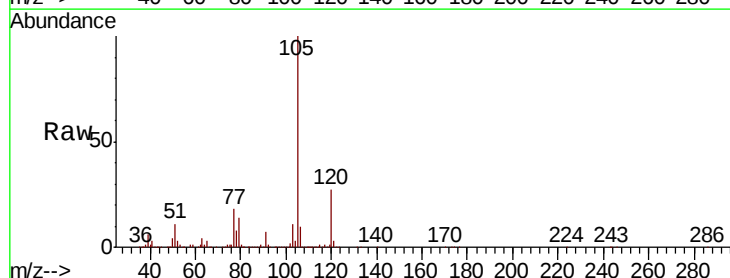
Acq: 6 Jun 2022 17:59

Tgt Ion:105 Resp: 5444487

Ion Ratio Lower Upper

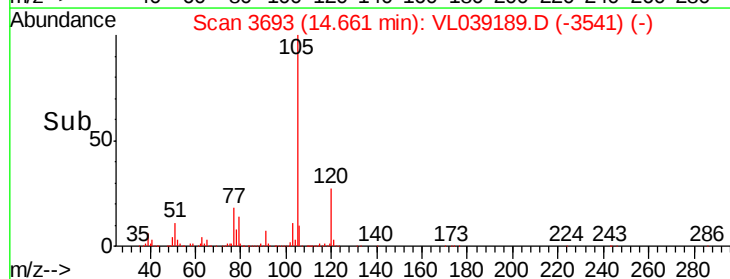
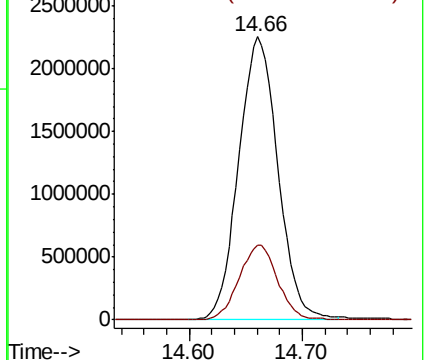
105 100

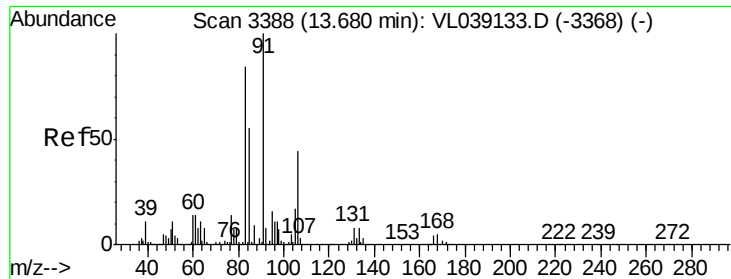
120 26.2 20.3 30.5



Abundance Ion 105.10 (104.80 to 105.80): V

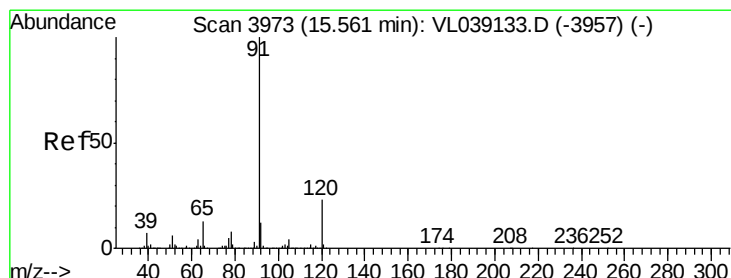
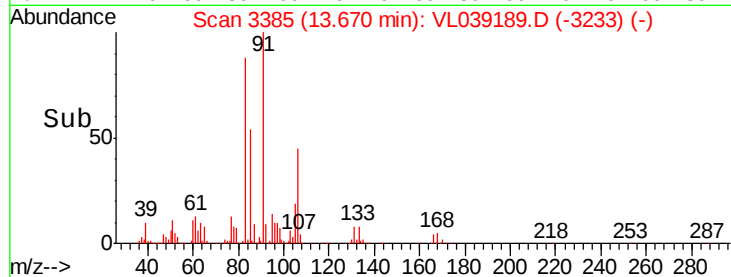
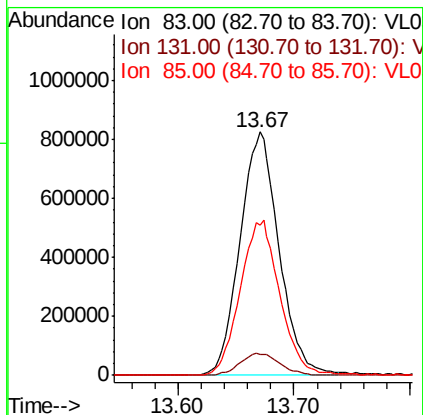
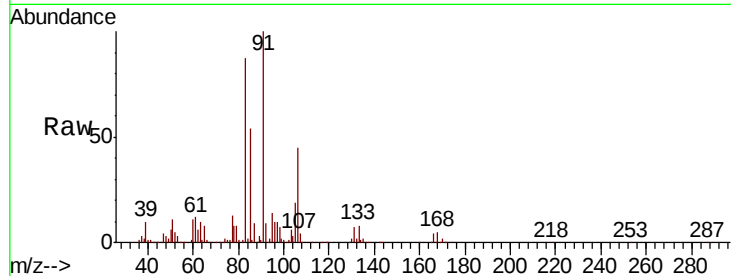
Ion 120.20 (119.90 to 120.90): V





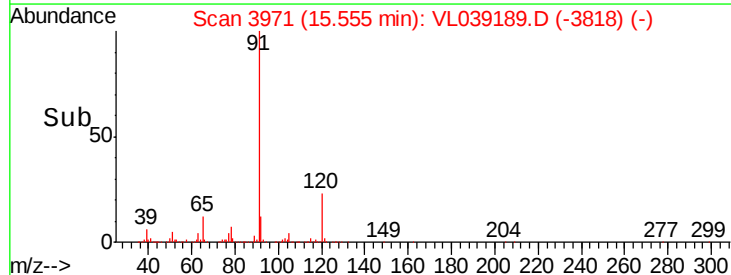
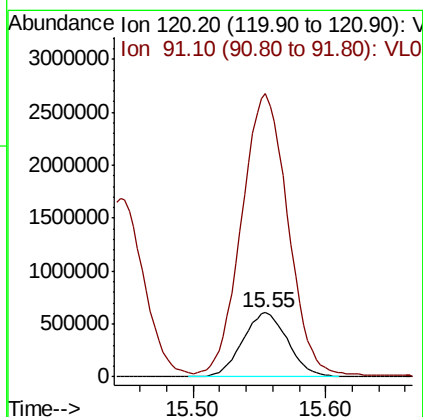
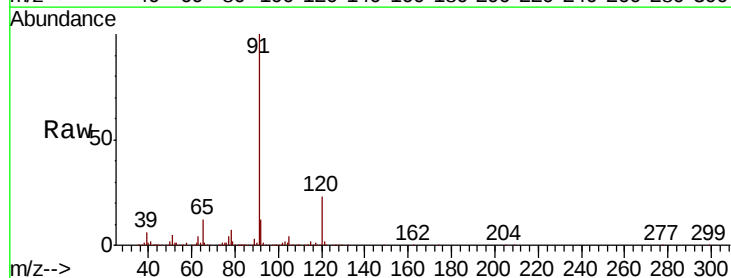
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.187 ppbv
 RT: 13.67 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 6 Jun 2022 17:59

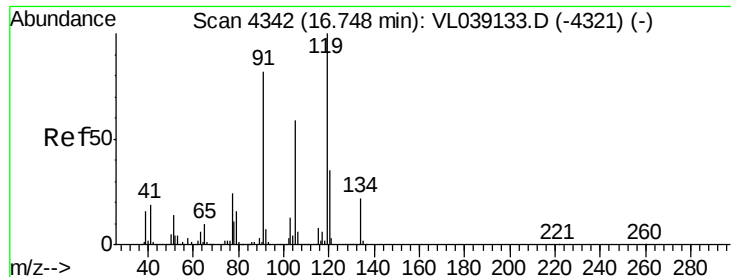
Tot Ion: 83 Resp: 1926712
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.3
 85 65.6 33.0 99.0



#64
 n-propylbenzene
 Concen: 8.210 ppbv
 RT: 15.55 min Scan# 3971
 Delta R.T. -0.01 min
 Lab File: VL039189.D
 Acq: 6 Jun 2022 17:59

Tgt Ion:120 Resp: 1432686
 Ion Ratio Lower Upper
 120 100
 91 459.3 388.4 582.6

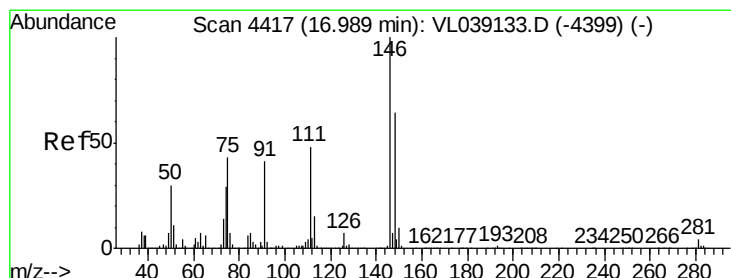
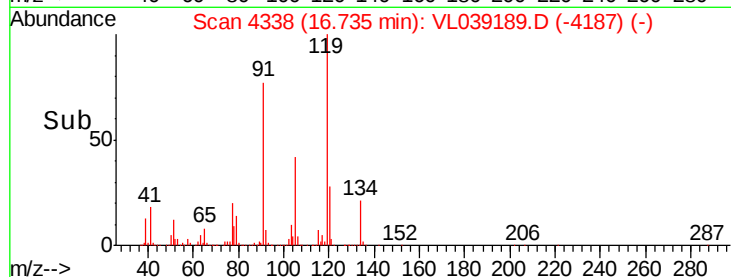
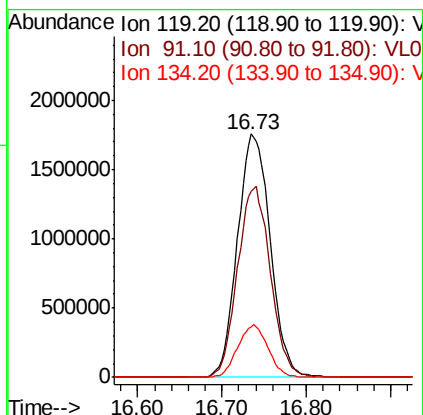
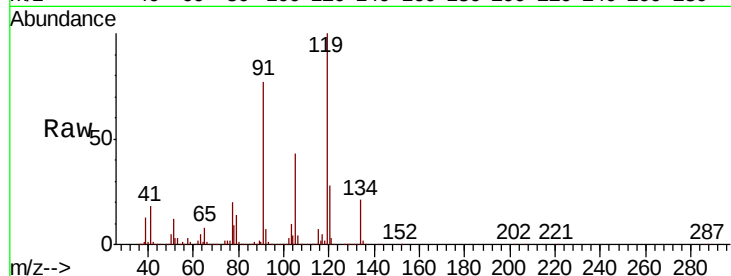




#65
tert-Butylbenzene
Concen: 7.308 ppbv
RT: 16.73 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Jun 2022 17:59

Tot Ion: 119 Resp: 4743603

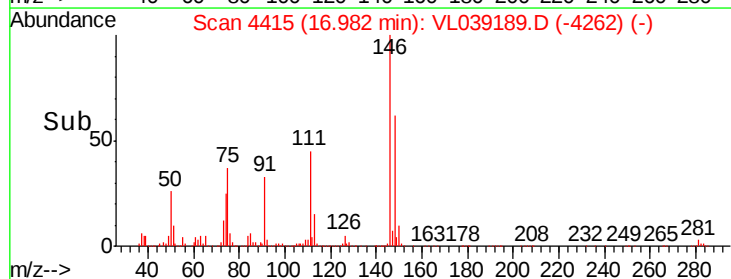
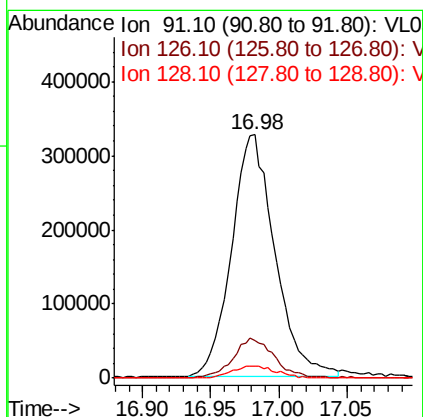
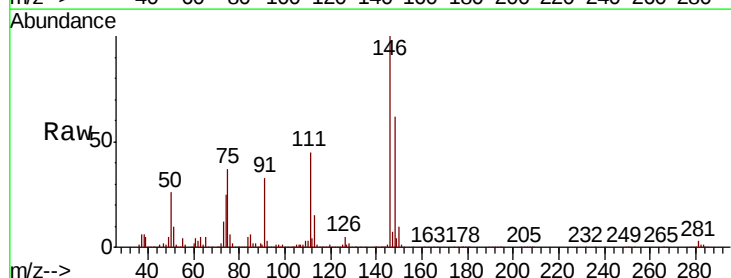
Ion	Ratio	Lower	Upper
119	100		
91	78.9	67.1	100.7
134	20.1	15.8	23.8

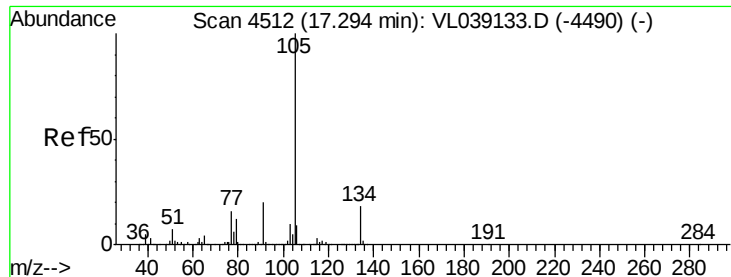


#66
Benzyl Chloride
Concen: 8.521 ppbv
RT: 16.98 min Scan# 4415
Delta R.T.: -0.01 min
Lab File: VL039189.D
Acq: 6 Jun 2022 17:59

Tgt Ion: 91 Resp: 719227

Ion	Ratio	Lower	Upper
91	100		
126	16.1	13.4	20.0
128	5.5	4.1	6.1





#67

sec-Butylbenzene

Concen: 7.534 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

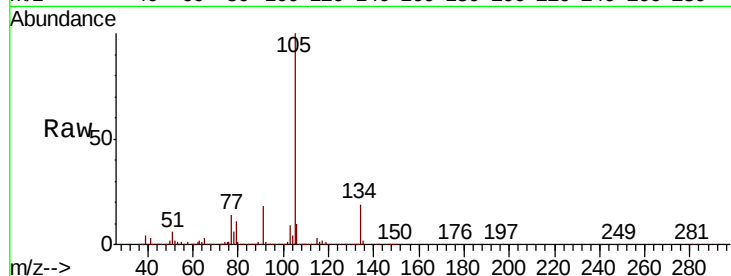
Acq: 6 Jun 2022 17:59

Tot Ion:105 Resp: 6672718

Ion Ratio Lower Upper

105 100

134 18.6 14.4 21.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.28

2500000

2000000

1500000

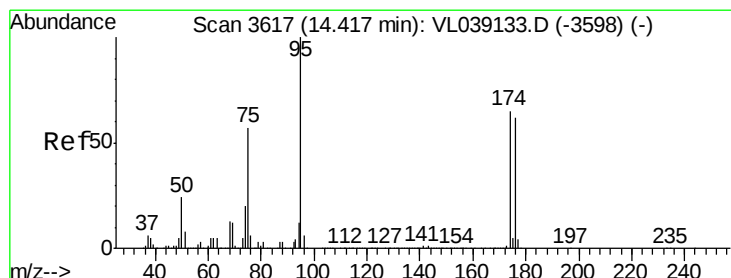
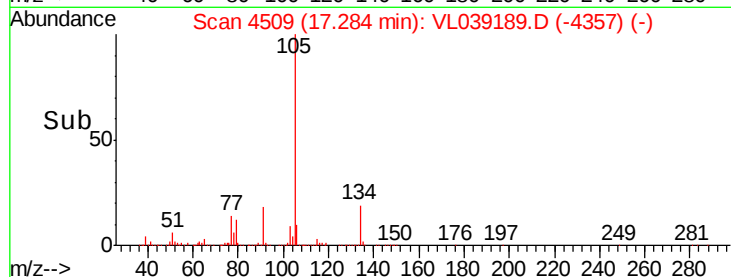
1000000

500000

0

Time-->

17.20 17.30 17.40



#68

1-Bromo-4-Fluorobenzene

Concen: 7.491 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.01 min

Lab File: VL039189.D

Acq: 6 Jun 2022 17:59

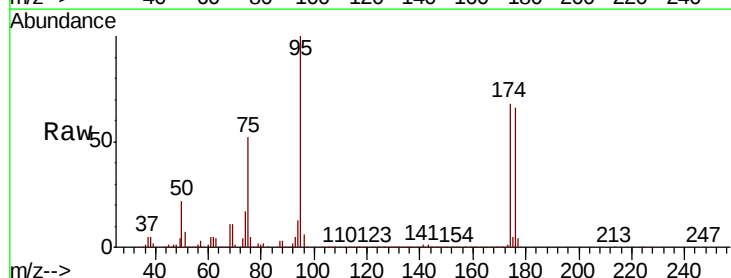
Tgt Ion: 95 Resp: 2595082

Ion Ratio Lower Upper

95 100

174 69.1 53.8 80.8

175 5.1 4.1 6.1



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

14.41

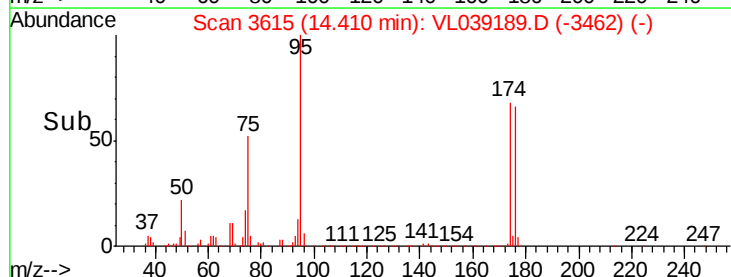
1000000

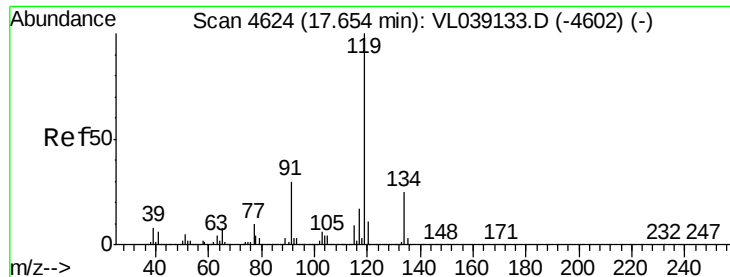
500000

0

Time-->

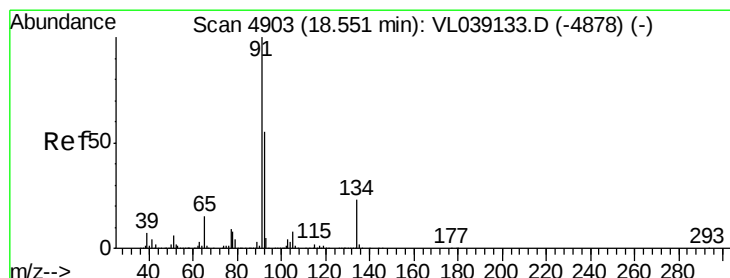
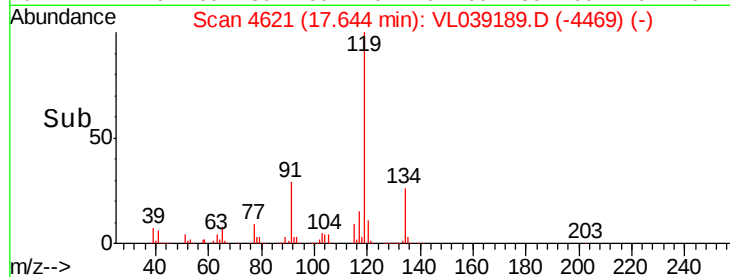
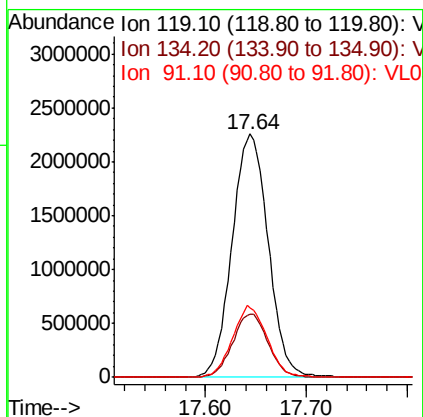
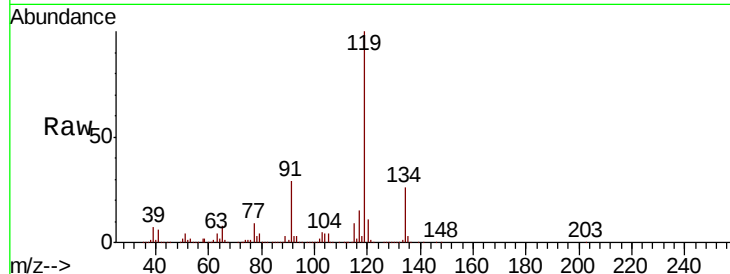
14.30 14.40 14.50





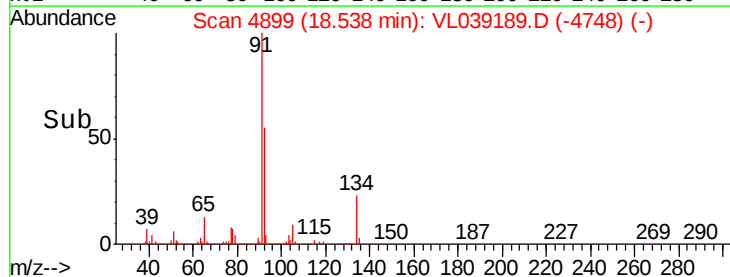
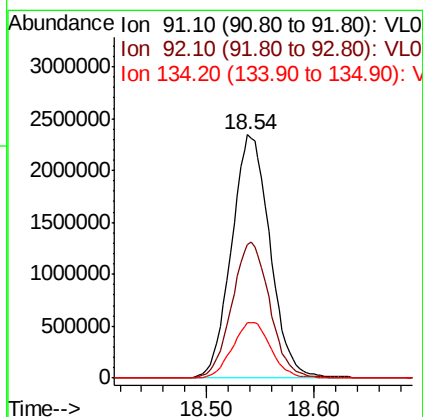
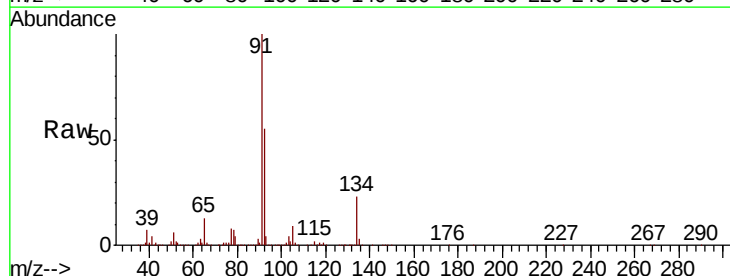
#69
 p-Isopropyltoluene
 Concen: 7.489 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 Jun 2022 17:59

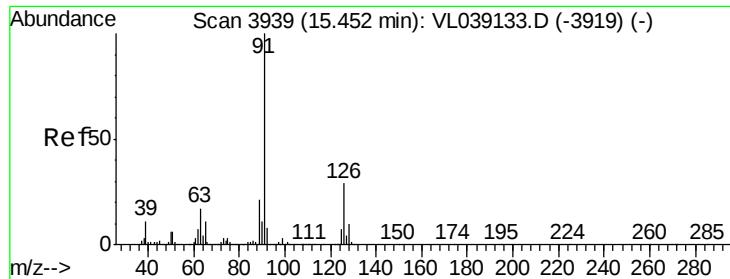
Tot Ion: 119 Resp: 5596044
 Ion Ratio Lower Upper
 119 100
 134 25.7 20.4 30.6
 91 28.1 24.2 36.4



#70
 n-Butylbenzene
 Concen: 7.567 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T. -0.01 min
 Lab File: VL039189.D
 Acq: 6 Jun 2022 17:59

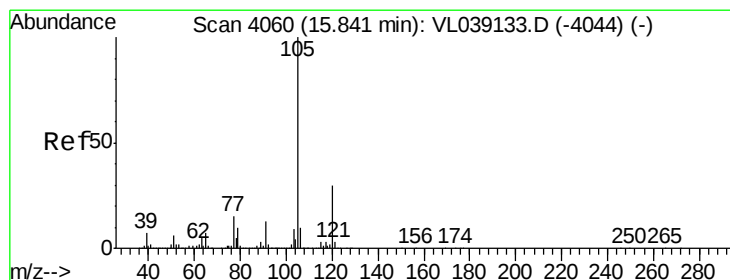
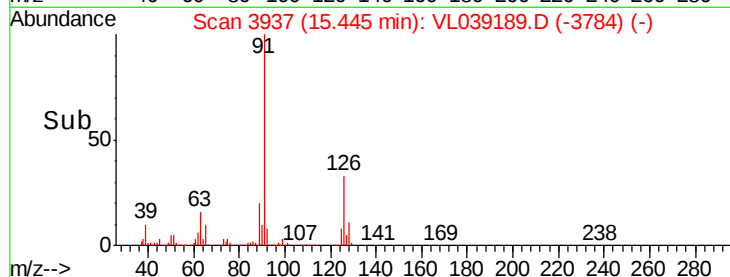
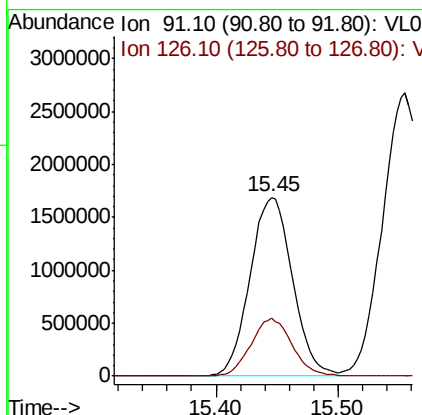
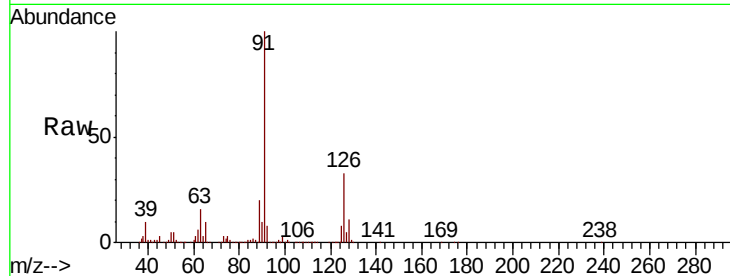
Tgt Ion: 91 Resp: 5803836
 Ion Ratio Lower Upper
 91 100
 92 55.3 43.6 65.4
 134 23.1 17.7 26.5





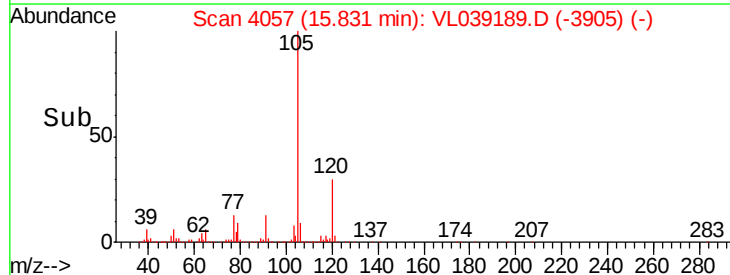
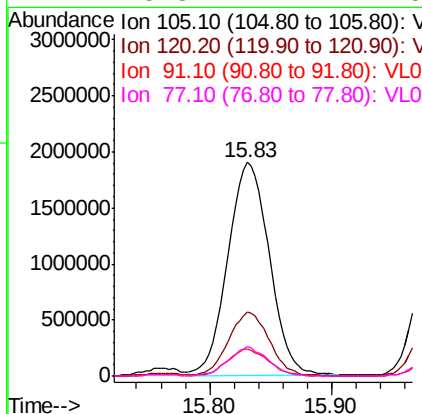
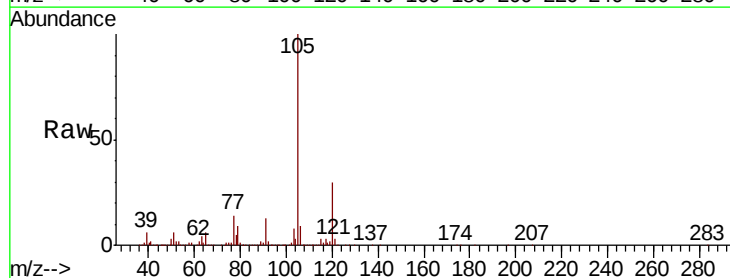
#71
 2-Chlorotoluene
 Concen: 7.524 ppbv
 RT: 15.45 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 Jun 2022 17:59

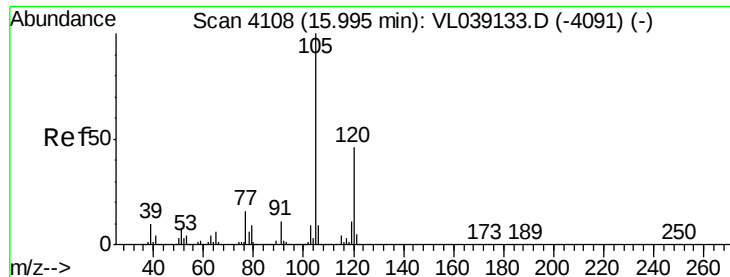
Tot Ion: 91 Resp: 4073040
 Ion Ratio Lower Upper
 91 100
 126 31.8 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 7.971 ppbv
 RT: 15.83 min Scan# 4057
 Delta R.T. -0.01 min
 Lab File: VL039189.D
 Acq: 6 Jun 2022 17:59

Tgt Ion:105 Resp: 4462167
 Ion Ratio Lower Upper
 105 100
 120 29.9 23.9 35.9
 91 12.7 10.6 16.0
 77 13.3 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 7.824 ppbv

RT: 15.99 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

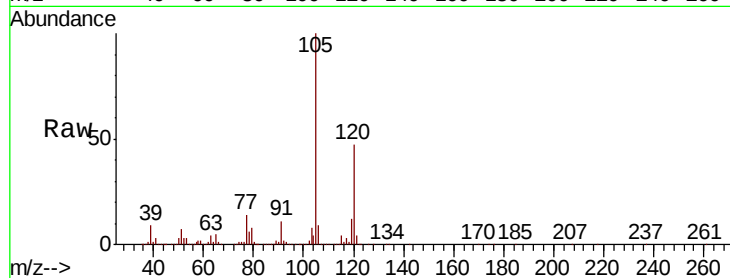
Acq: 6 Jun 2022 17:59

Tot Ion:105 Resp: 3950027

Ion Ratio Lower Upper

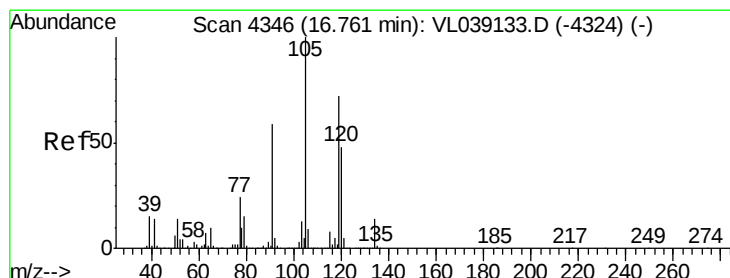
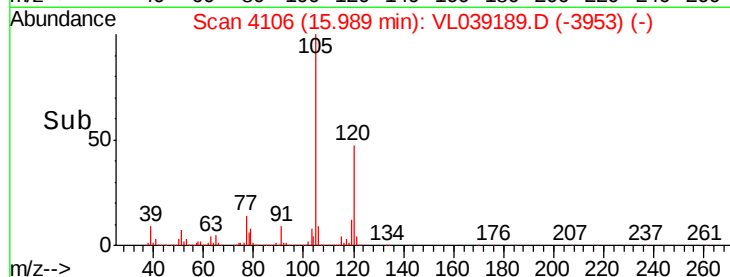
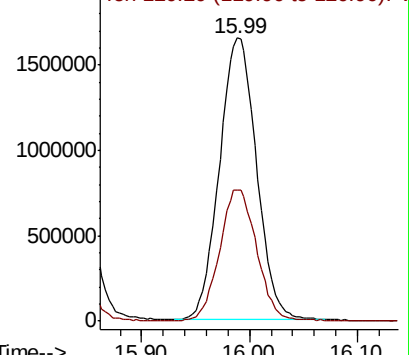
105 100

120 46.6 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: 7.464 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. -0.01 min

Lab File: VL039189.D

Acq: 6 Jun 2022 17:59

Tgt Ion:105 Resp: 4205555

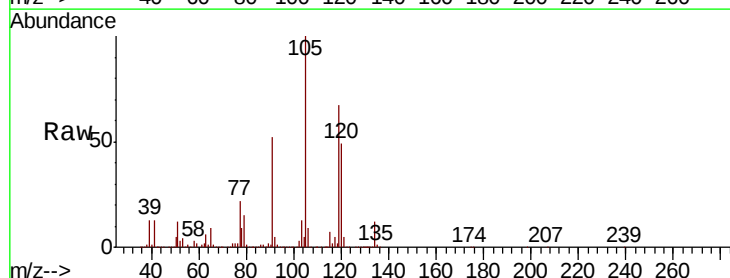
Ion Ratio Lower Upper

105 100

120 48.5 38.1 57.1

91 52.2 47.4 71.0

77 22.0 19.5 29.3

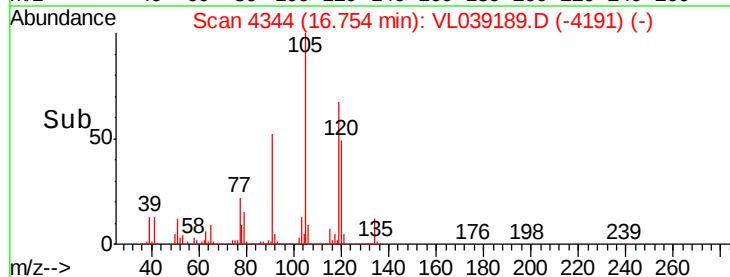
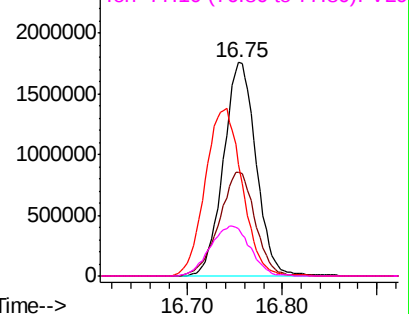


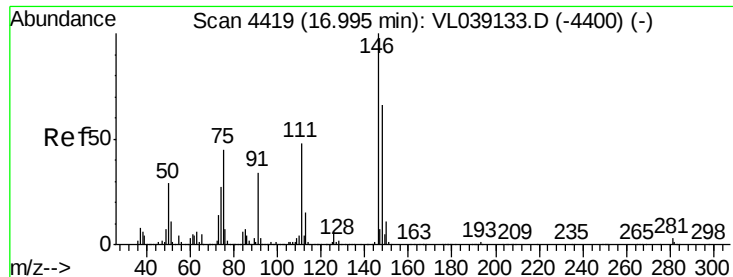
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#75

1,3-Dichlorobenzene

Concen: 7.843 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 Jun 2022 17:59

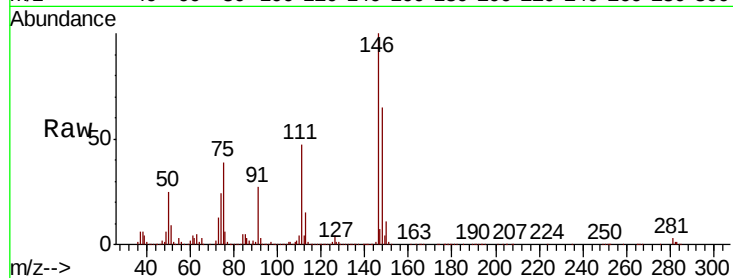
Tot Ion:146 Resp: 2501308

Ion Ratio Lower Upper

146 100

111 45.3 23.8 71.4

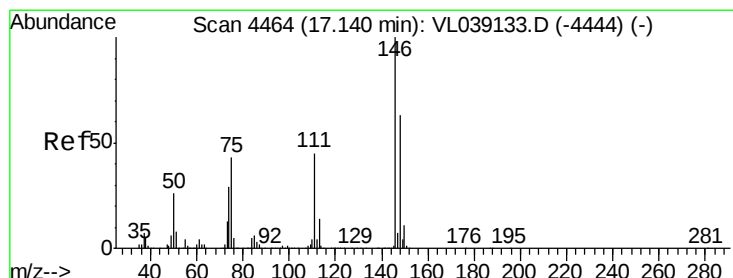
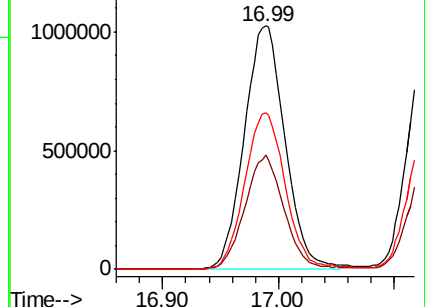
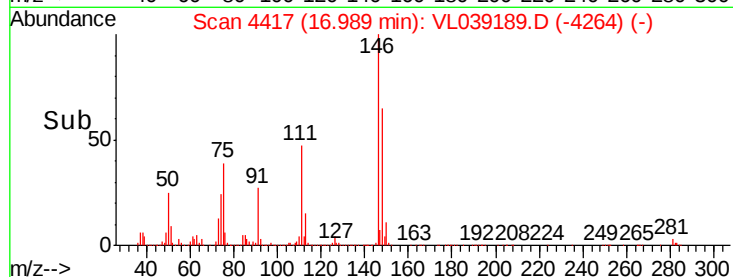
148 64.4 32.4 97.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 7.648 ppbv

RT: 17.13 min Scan# 4461

Delta R.T. -0.01 min

Lab File: VL039189.D

Acq: 6 Jun 2022 17:59

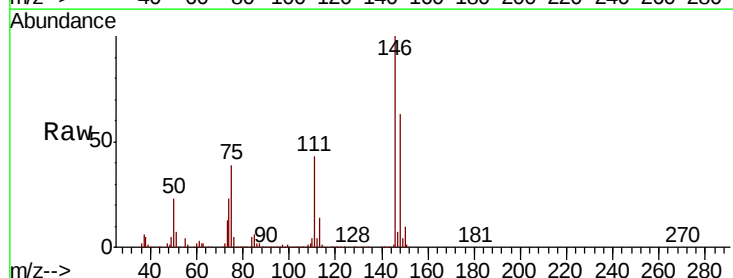
Tgt Ion:146 Resp: 2433554

Ion Ratio Lower Upper

146 100

111 45.4 23.6 71.0

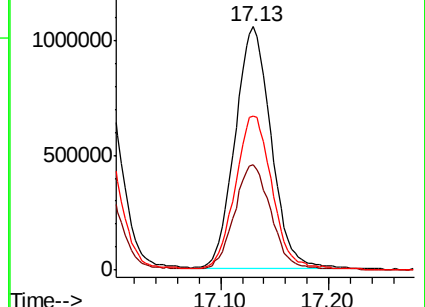
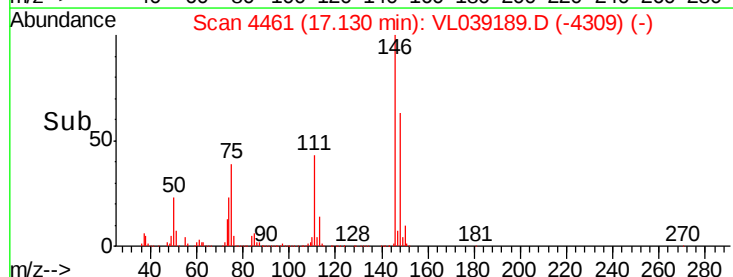
148 66.2 33.7 101.0

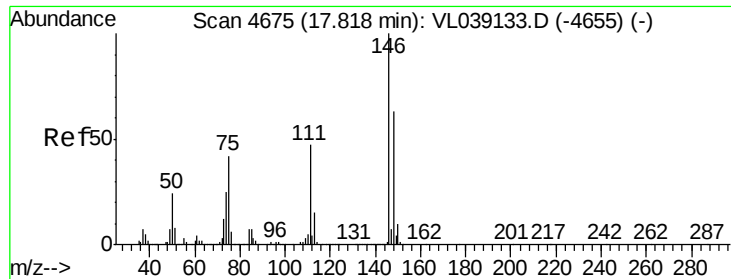


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

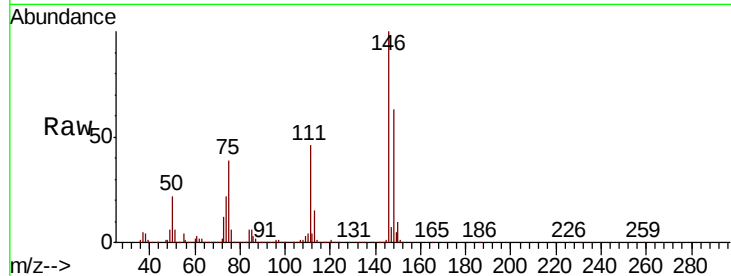
Ion 148.00 (147.70 to 148.70): V



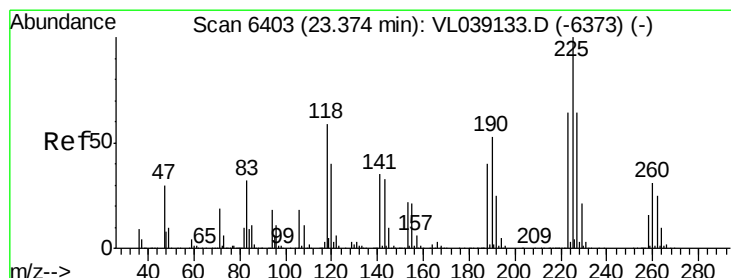
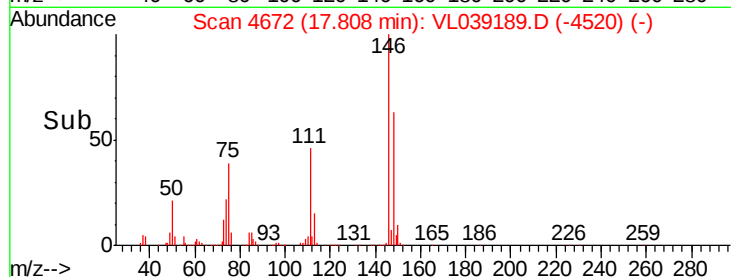
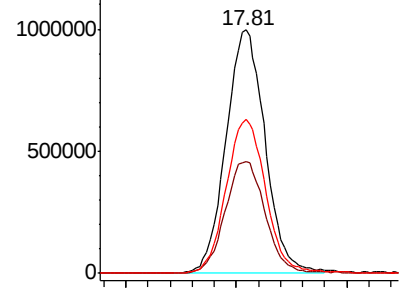


#77
 1,2-Dichlorobenzene
 Concen: 7.606 ppbv
 RT: 17.81 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 6 Jun 2022 17:59

Tot Ion:146 Resp: 2444694
 Ion Ratio Lower Upper
 146 100
 111 47.5 24.4 73.4
 148 64.5 32.1 96.5

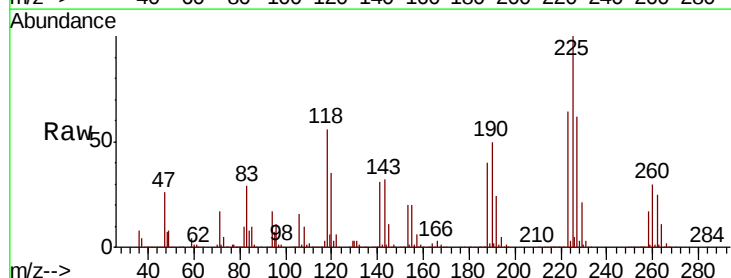


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

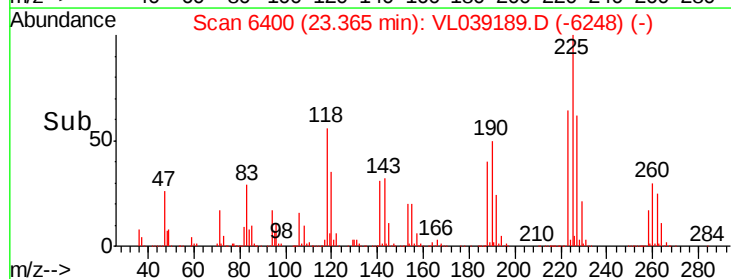
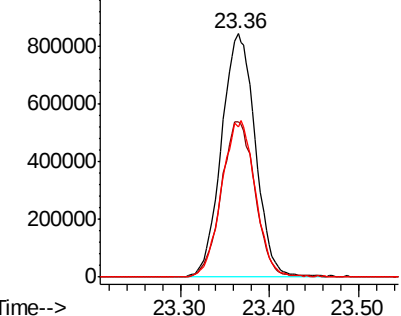


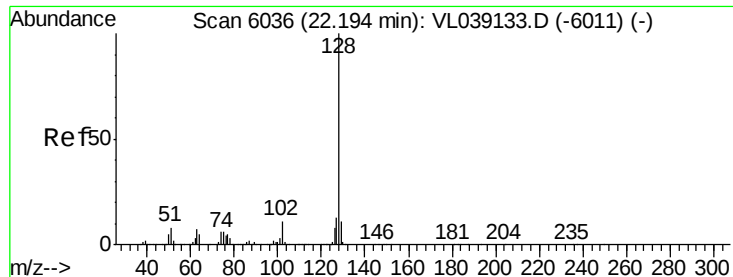
#78
 Hexachloro-1,3-Butadiene
 Concen: 7.555 ppbv
 RT: 23.36 min Scan# 6400
 Delta R.T. -0.01 min
 Lab File: VL039189.D
 Acq: 6 Jun 2022 17:59

Tgt Ion:225 Resp: 2220398
 Ion Ratio Lower Upper
 225 100
 223 64.4 51.4 77.0
 227 64.5 50.6 75.8



Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V

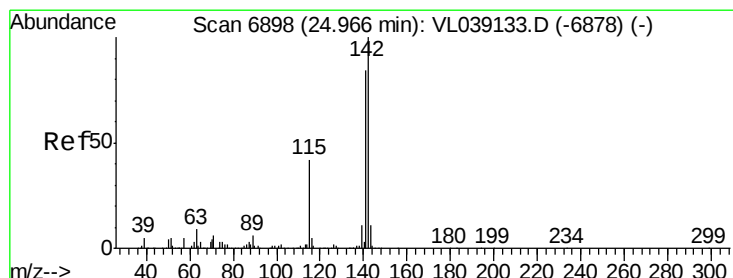
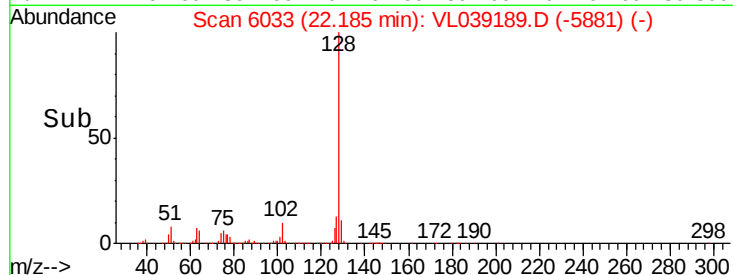
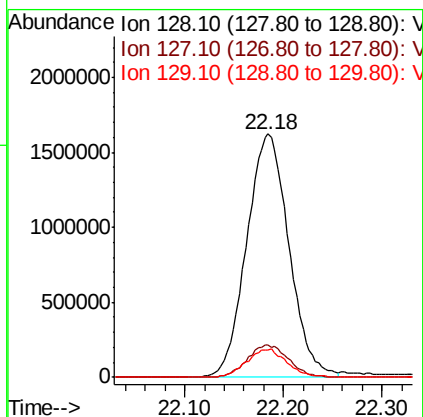
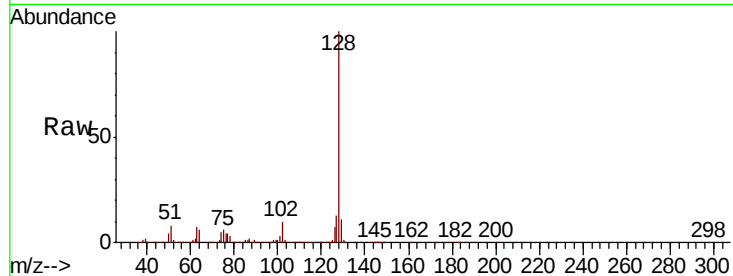




#79
Naphthalene
Concen: 11.062 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Jun 2022 17:59

Tot Ion:128 Resp: 4798062

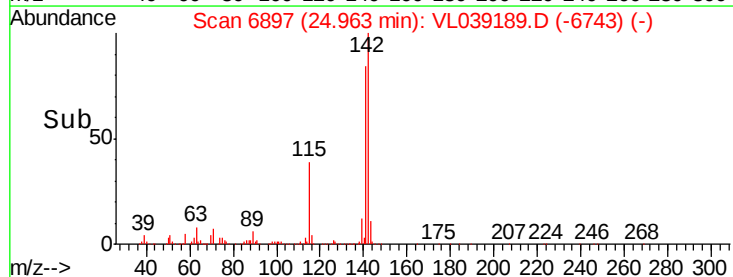
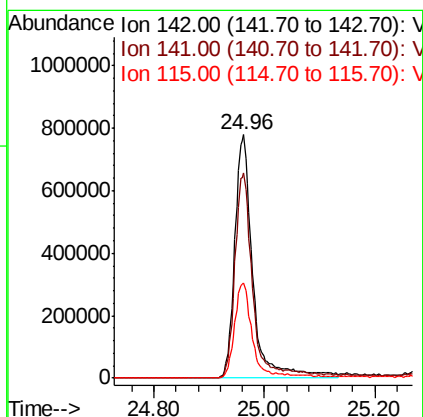
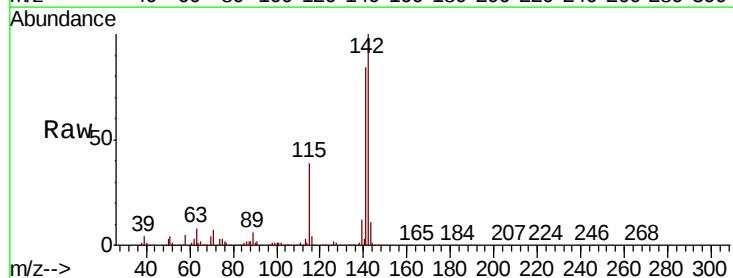
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.4	9.0	13.6

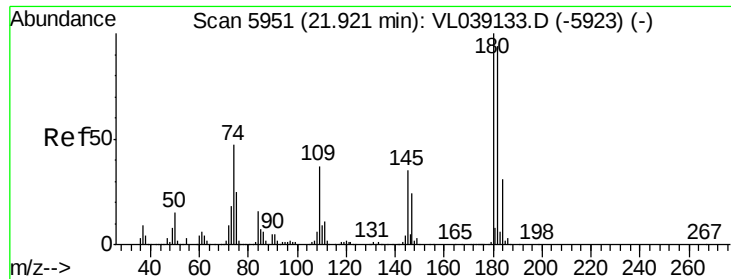


#80
Naphthalene, 2-methyl-
Concen: 11.095 ppbv
RT: 24.96 min Scan# 6897
Delta R.T.: -0.00 min
Lab File: VL039189.D
Acq: 6 Jun 2022 17:59

Tgt Ion:142 Resp: 1787887

Ion	Ratio	Lower	Upper
142	100		
141	82.9	64.6	96.8
115	40.5	32.7	49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 9.441 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 Jun 2022 17:59

Tot Ion:180 Resp: 2594150
 Ion Ratio Lower Upper
 180 100
 182 96.8 0.0 0.0#
 184 31.0 0.0 0.0#

