

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061422\
 Data File : VL039280.D
 Acq On : 14 Jun 2022 13:18
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jun 15 03:17:07 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1261350	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3473240	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4092949	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2704237	7.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.90%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	1860288	8.397	ppbv	99
3) Chlorodifluoromethane	3.00	51	1345716	8.385	ppbv	100
4) Chloromethane	3.15	50	707227	8.579	ppbv	99
5) Vinyl Chloride	3.26	62	711476	9.232	ppbv	95
6) Bromomethane	3.48	94	335656	8.854	ppbv	99
7) Chloroethane	3.56	64	262748	9.785	ppbv	94
8) Dichlorotetrafluoroethane	3.19	85	1837619	9.076	ppbv	97
9) Propene	3.02	41	561677	8.026	ppbv	99
10) Heptane	8.12	43	1492767	9.144	ppbv	98
11) Trichlorofluoromethane	3.96	101	1818689	9.069	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1308020	9.863	ppbv	98
13) Ethanol	3.61	45	13634	3.572	ppbv #	100
14) Bromoethene	3.74	108	570501	9.569	ppbv	97
15) Acetone	3.85	43	1301941	9.909	ppbv	95
16) 1,3-Butadiene	3.33	39	713361	10.100	ppbv	94
17) tert-Butyl alcohol	4.29	59	1130347	11.091	ppbv	98
18) 1,1-Dichloroethene	4.29	96	607789	10.216	ppbv	85
19) Isopropyl Alcohol	3.96	45	677367	10.991	ppbv	99
20) Methylene Chloride	4.35	84	499407	9.019	ppbv	94
21) Allyl Chloride	4.42	41	942939	10.638	ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	631150	11.026	ppbv	93
23) Vinyl Acetate	5.08	43	1008795	9.280	ppbv	100
24) 1,1-Dichloroethane	5.01	63	1234070	8.285	ppbv	99
25) Ethyl Acetate	5.68	43	2711367	9.156	ppbv	99
26) Hexane	5.69	57	1130125	8.684	ppbv	95
27) Carbon Disulfide	4.56	76	1435376	10.642	ppbv	98
28) Methyl tert-Butyl Ether	5.03	73	1107119	7.706	ppbv	98
29) Chloroform	5.75	83	1889617	8.629	ppbv	97
30) Cyclohexane	7.14	84	987974	9.037	ppbv	98
31) cis-1,2-Dichloroethene	5.55	61	1160303	8.744	ppbv	96
32) 1,1,1-Trichloroethane	6.52	97	1912109	8.923	ppbv	99
34) 2-Butanone	5.25	43	1598990	8.474	ppbv	100
35) Carbon Tetrachloride	7.02	117	2066481	8.152	ppbv	98
36) Benzene	6.90	78	2386967	8.465	ppbv	98
37) 1,2-Dichloroethane	6.31	62	1473822	7.942	ppbv	98
38) Trichloroethene	7.84	130	1248631	9.641	ppbv	96
39) 1,2-Dichloropropane	7.61	63	887516	7.913	ppbv	99
40) 1,4-Dioxane	7.83	88	330250	8.944	ppbv #	1
41) Tetrahydrofuran	6.05	42	912300	8.039	ppbv	99
42) Bromodichloromethane	7.79	83	2029506	7.880	ppbv	100
43) Methyl Methacrylate	8.01	69	951662	8.664	ppbv	98

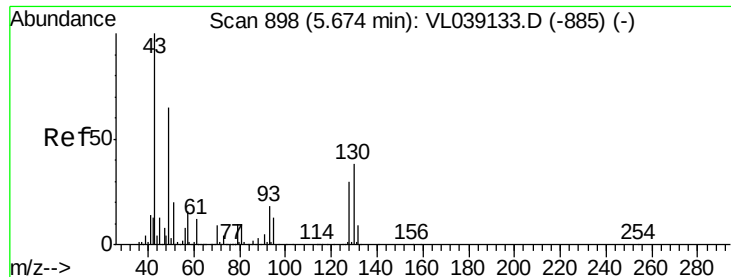
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061422\
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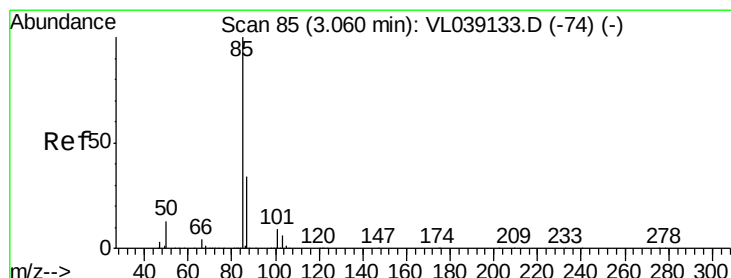
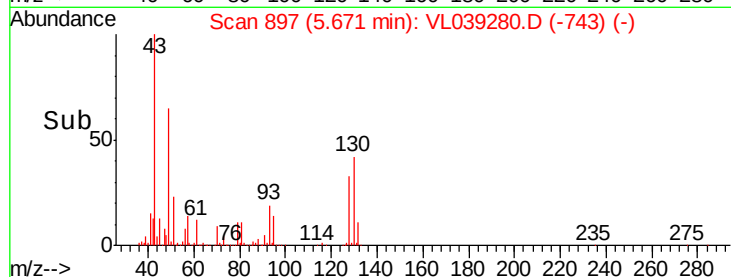
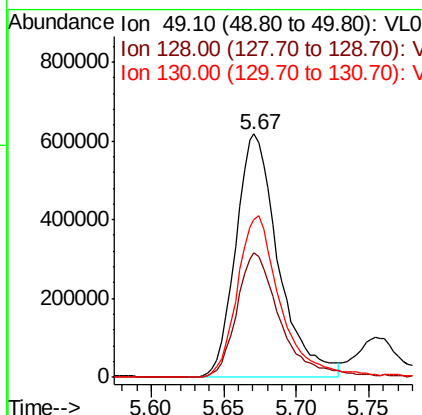
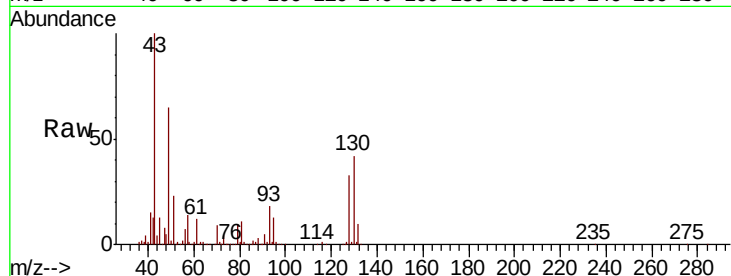
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4001054	8.111	ppbv	97
45) t-1,3-Dichloropropene	9.28	75	958165	8.376	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1239505	8.203	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	1002804	8.570	ppbv	97
48) Dibromochloromethane	10.30	129	1838795	8.801	ppbv	98
49) Bromoform	13.04	173	1524004	8.753	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	2498714	8.847	ppbv	98
51) 2-Hexanone	10.13	43	1907535	8.679	ppbv #	96
52) Tetrachloroethene	11.22	164	936176	8.503	ppbv	98
53) Toluene	9.81	91	2887944	8.894	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1361468	8.659	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1326960	6.852	ppbv	99
57) Chlorobenzene	12.15	112	2197616	7.136	ppbv	94
58) Ethyl Benzene	12.71	91	3913725	6.942	ppbv	98
59) m/p-Xylene	13.00	91	3767223	7.588	ppbv #	42
60) o-Xylene	13.69	91	3247387	6.961	ppbv	99
61) Styrene	13.53	104	1908479	7.639	ppbv	96
62) Isopropylbenzene	14.67	105	4866370	7.018	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	1608653	6.143	ppbv	99
64) n-propylbenzene	15.56	120	1278815	7.503	ppbv	89
65) tert-Butylbenzene	16.74	119	4483611	7.071	ppbv	97
66) Benzyl Chloride	16.99	91	446969	5.422	ppbv	100
67) sec-Butylbenzene	17.29	105	6112038	7.065	ppbv	99
69) p-Isopropyltoluene	17.65	119	5289195	7.247	ppbv	98
70) n-Butylbenzene	18.55	91	5178912	6.913	ppbv	98
71) 2-Chlorotoluene	15.45	91	3555824	6.725	ppbv	97
72) 4-Ethyltoluene	15.84	105	4000848	7.317	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	3619528	7.340	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	3915599	7.115	ppbv	95
75) 1,3-Dichlorobenzene	16.99	146	2268777	7.283	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2200129	7.079	ppbv	100
77) 1,2-Dichlorobenzene	17.82	146	2201637	7.013	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	1680850	5.855	ppbv	99
79) Naphthalene	22.19	128	3226466	7.616	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	966088	6.138	ppbv	97
81) 1,2,4-Trichlorobenzene	21.92	180	1889613	7.041	ppbv #	100

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



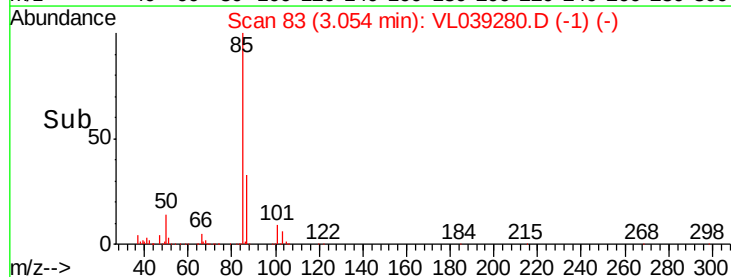
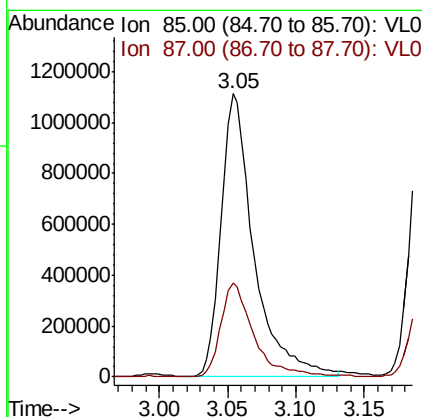
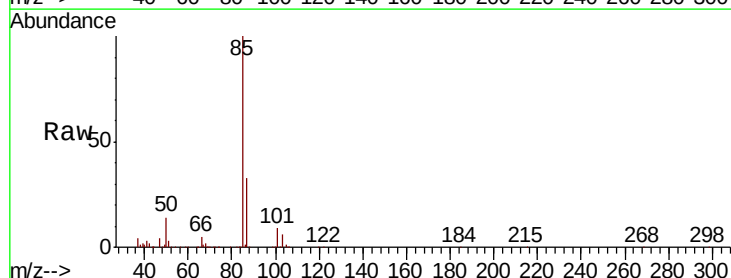
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 14 Jun 2022 13:18

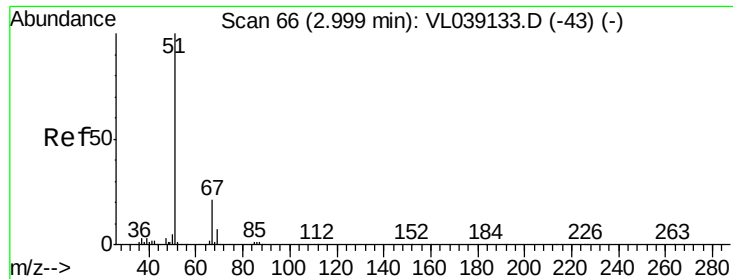
Tot Ion: 49 Resp: 1261350
 Ion Ratio Lower Upper
 49 100
 128 53.2 24.7 74.1
 130 68.8 31.4 94.0



#2
 Dichlorodifluoromethane
 Concen: 8.397 ppbv
 RT: 3.05 min Scan# 83
 Delta R.T. -0.01 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

Tgt Ion: 85 Resp: 1860288
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.9 40.3





#3

Chlorodifluoromethane

Concen: 8.385 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

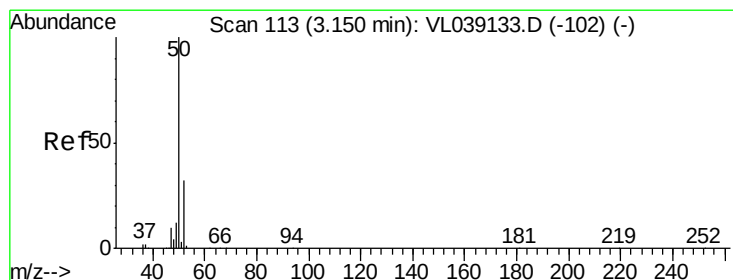
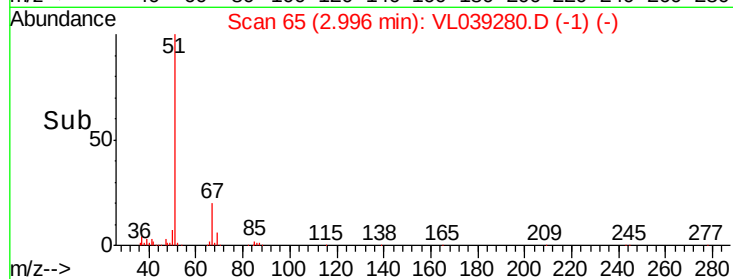
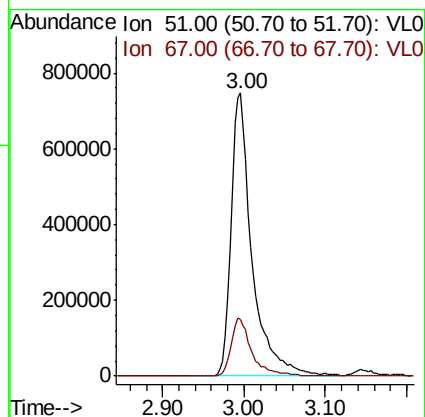
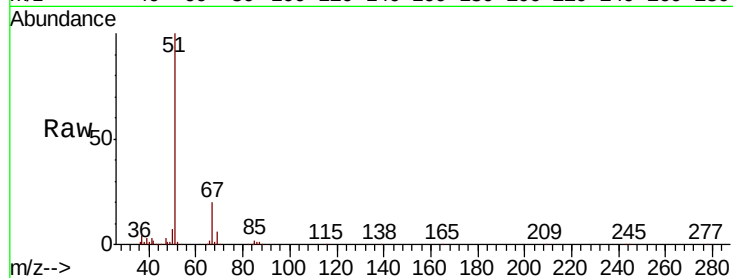
Acq: 14 Jun 2022 13:18 VSTDCCC010

Tot Ion: 51 Resp: 1345716

Ion Ratio Lower Upper

51 100

67 20.4 16.2 24.4



#4

Chloromethane

Concen: 8.579 ppbv

RT: 3.15 min Scan# 112

Delta R.T. -0.00 min

Lab File: VL039280.D

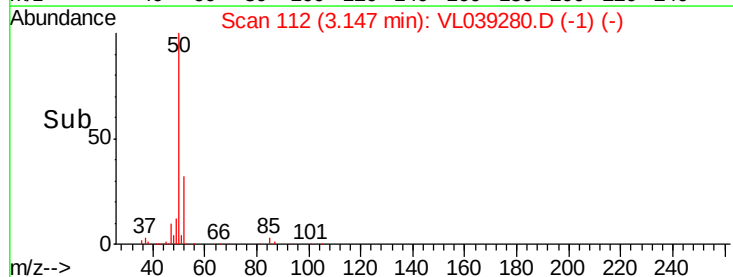
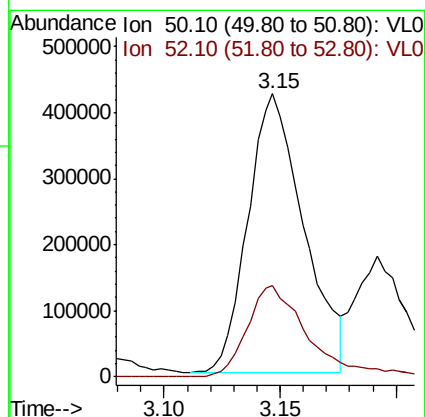
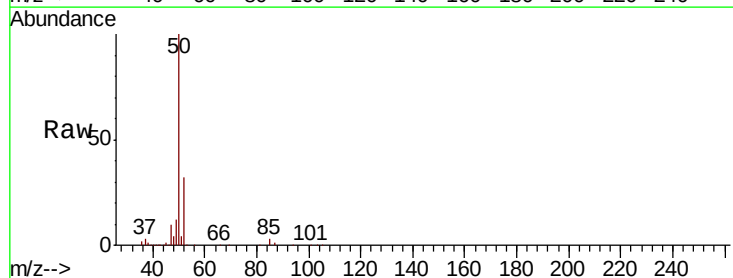
Acq: 14 Jun 2022 13:18

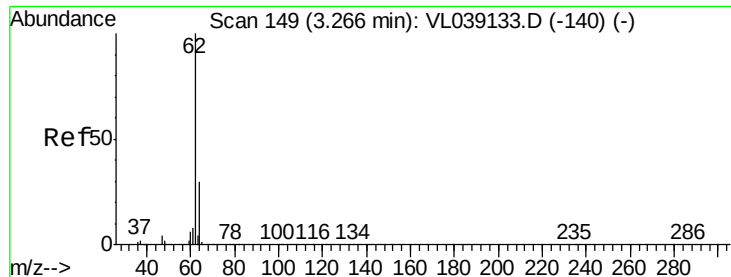
Tgt Ion: 50 Resp: 707227

Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9





#5

Vinyl Chloride

Concen: 9.232 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

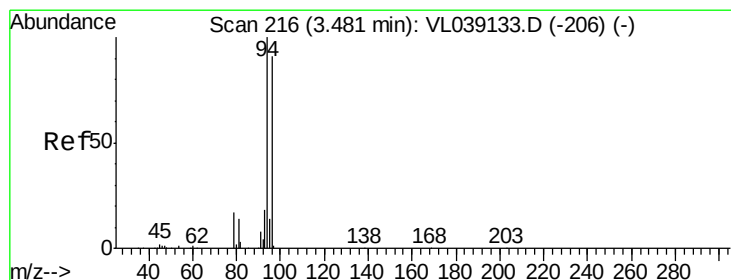
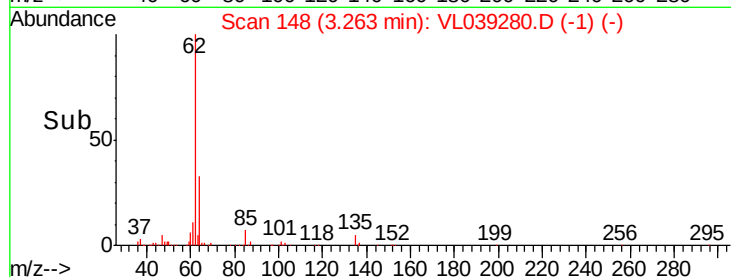
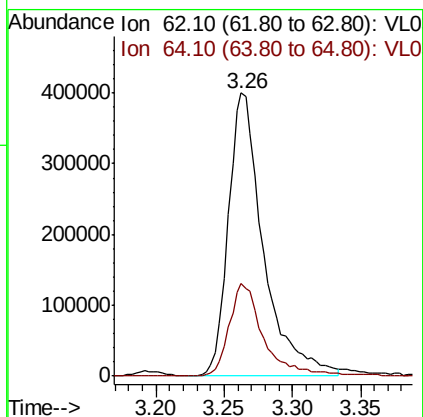
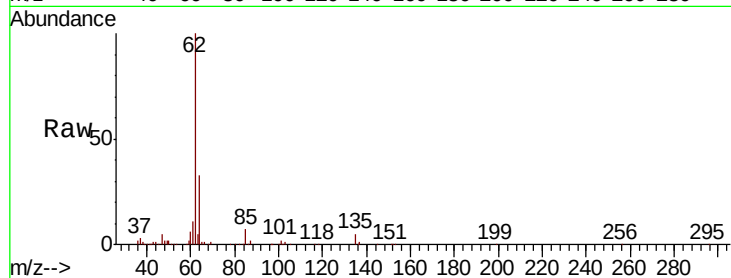
Acq: 14 Jun 2022 13:18 VSTDCCC010

Tot Ion: 62 Resp: 711476

Ion Ratio Lower Upper

62 100

64 33.0 24.2 36.2



#6

Bromomethane

Concen: 8.854 ppbv

RT: 3.48 min Scan# 215

Delta R.T. -0.00 min

Lab File: VL039280.D

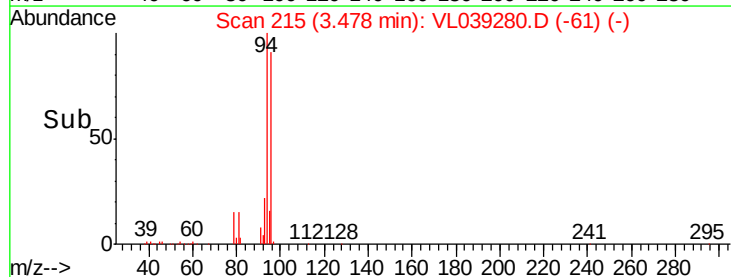
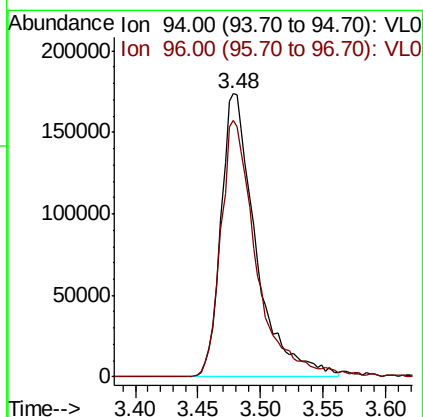
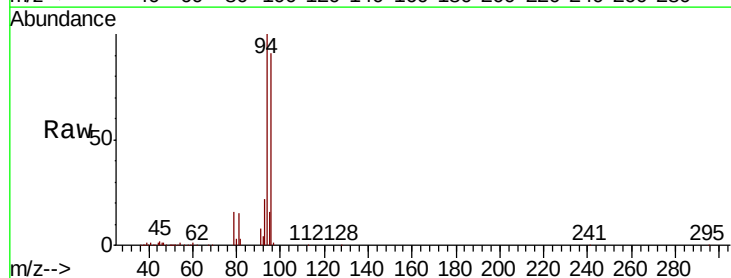
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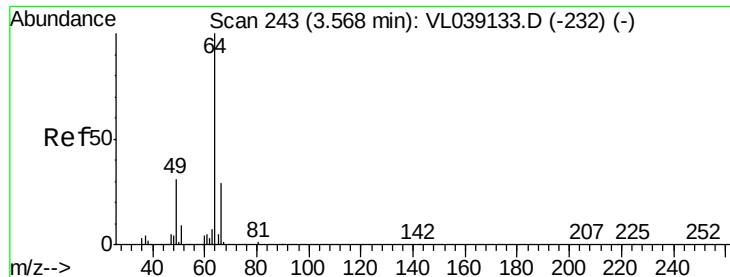
Tgt Ion: 94 Resp: 335656

Ion Ratio Lower Upper

94 100

96 90.7 73.0 109.4





#7

Chloroethane

Concen: 9.785 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

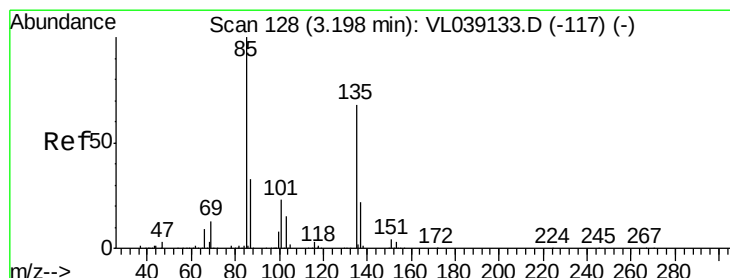
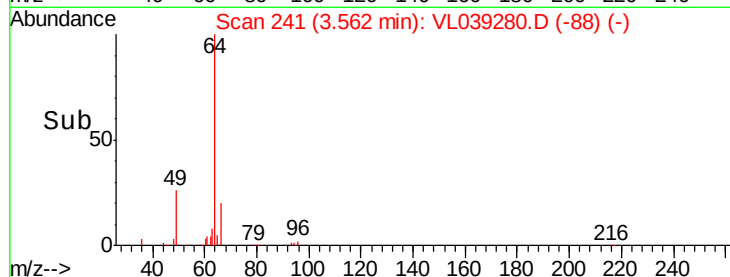
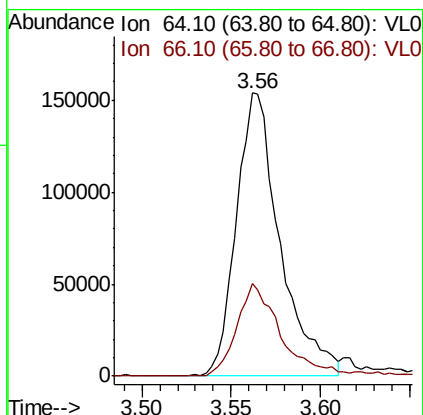
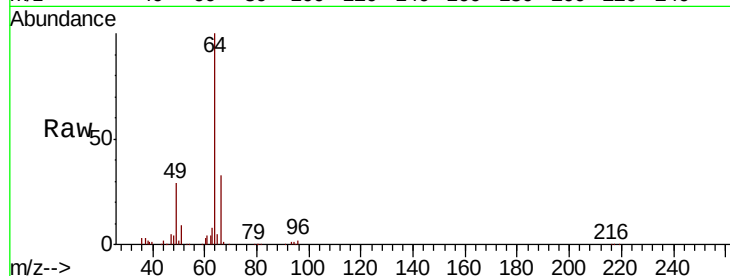
Acq: 14 Jun 2022 13:18

Tot Ion: 64 Resp: 262748

Ion Ratio Lower Upper

64 100

66 32.6 23.6 35.4



#8

Dichlorotetrafluoroethane

Concen: 9.076 ppbv

RT: 3.19 min Scan# 126

Delta R.T. -0.01 min

Lab File: VL039280.D

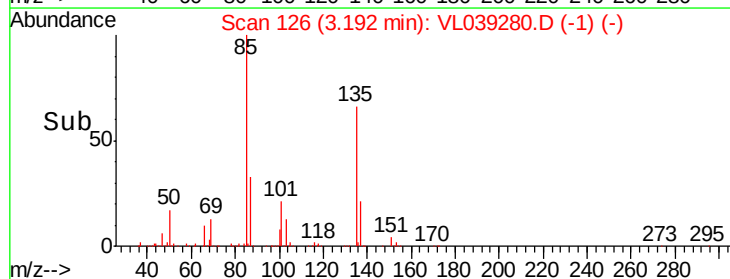
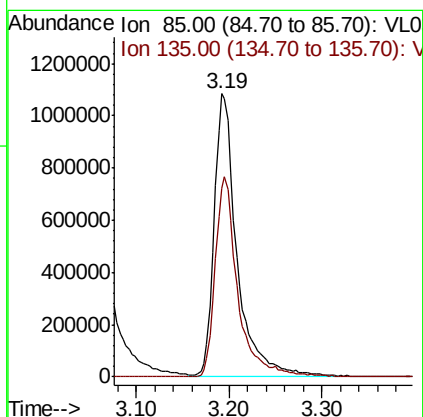
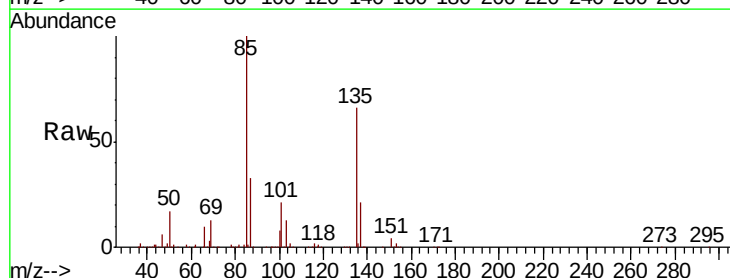
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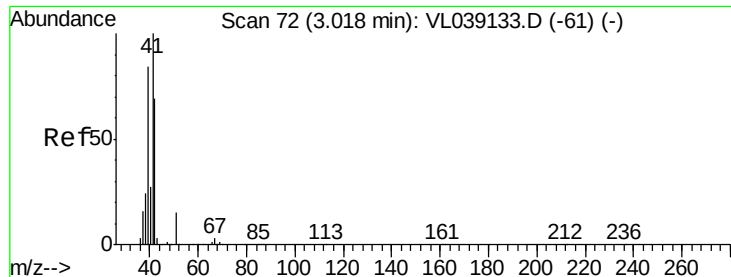
Tgt Ion: 85 Resp: 1837619

Ion Ratio Lower Upper

85 100

135 71.2 55.0 82.4





#9

Propene

Concen: 8.026 ppbv

RT: 3.02 Instrument: MSVOA_L

Delta R.T. -0.00 min

Lab File: ClientSampleId: VSTDCCC010

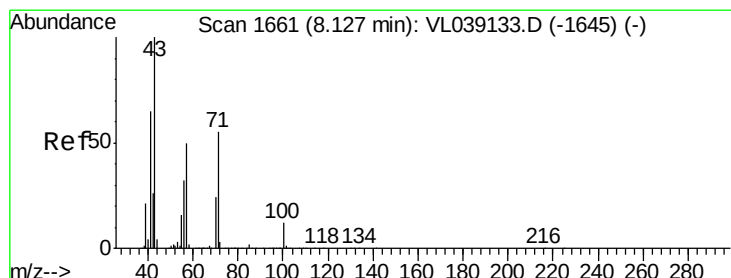
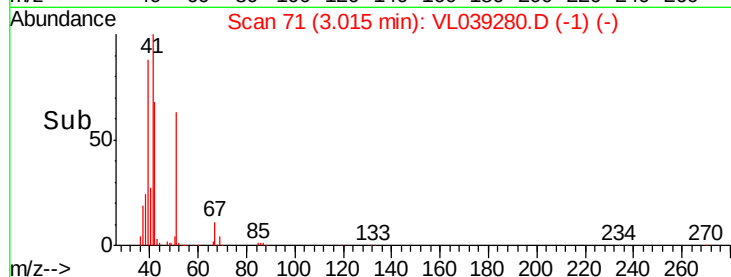
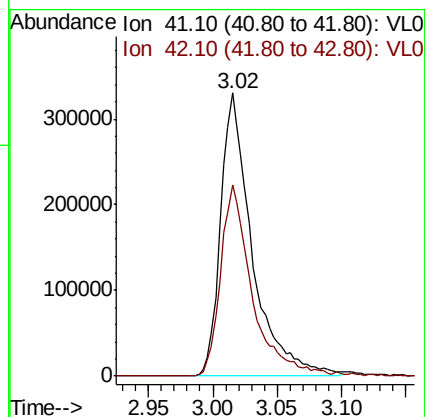
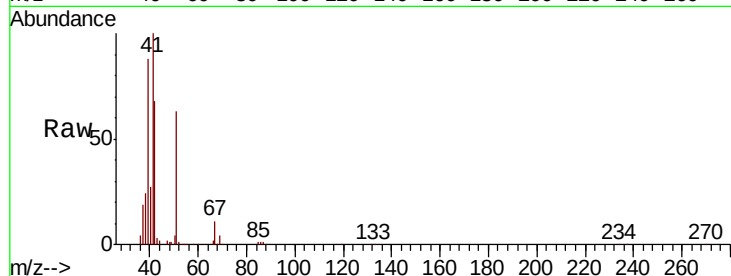
Acq: 14 Jun 2022 13:18

Tot Ion: 41 Resp: 561677

Ion Ratio Lower Upper

41 100

42 68.1 55.4 83.2



#10

Heptane

Concen: 9.144 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VL039280.D

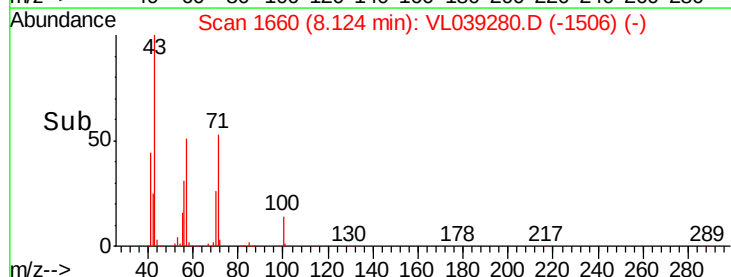
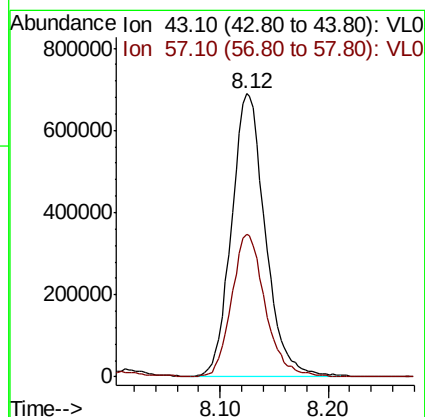
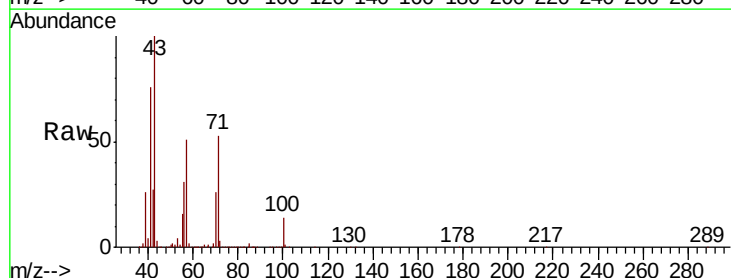
Acq: 14 Jun 2022 13:18

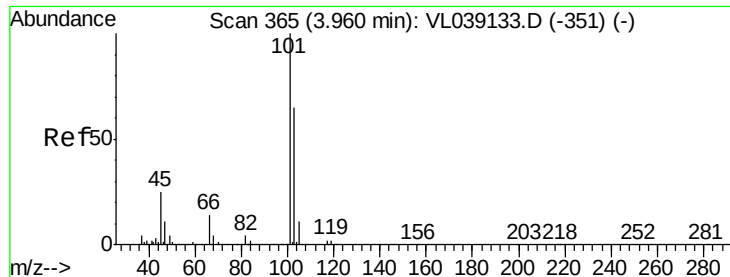
Tgt Ion: 43 Resp: 1492767

Ion Ratio Lower Upper

43 100

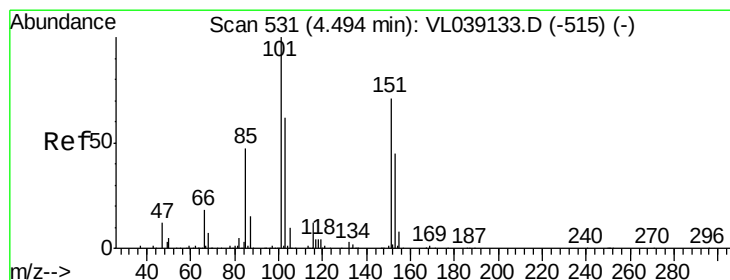
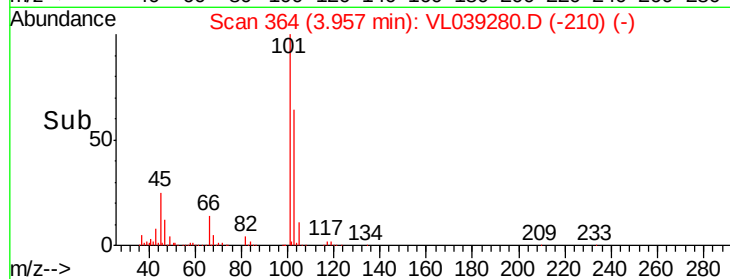
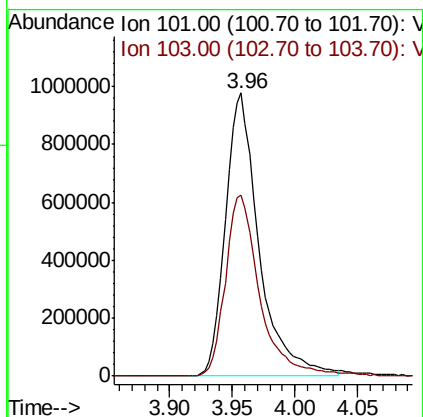
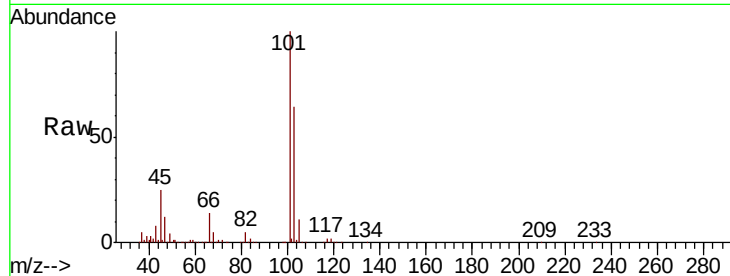
57 50.6 41.4 62.2





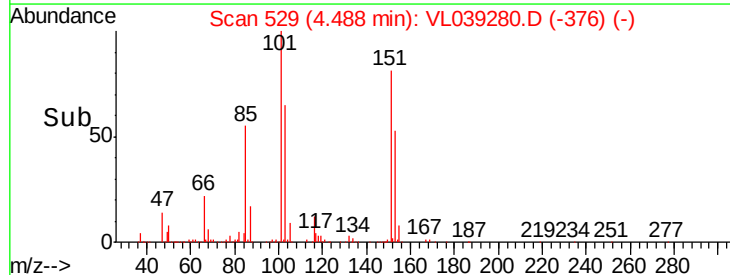
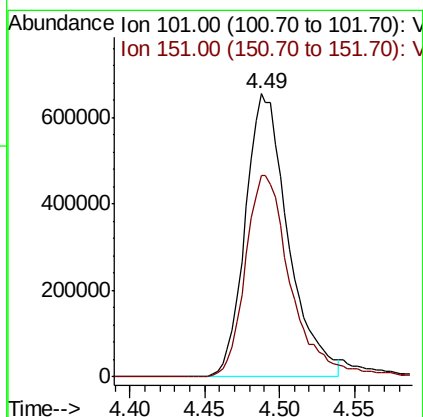
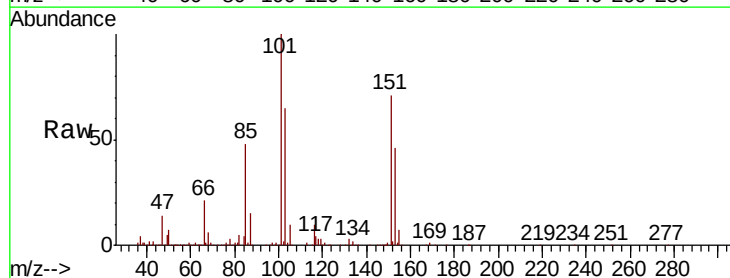
#11
 Trichlorofluoromethane
 Concen: 9.069 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 14 Jun 2022 13:18

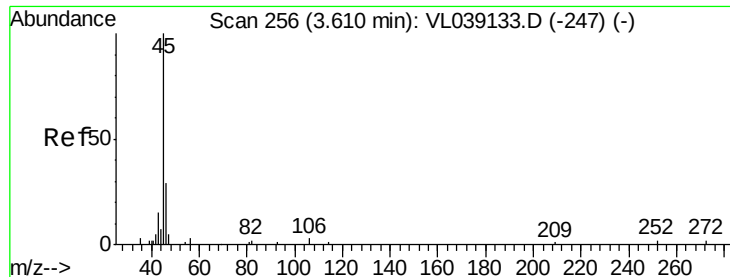
Tot Ion:101 Resp: 1818689
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.863 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

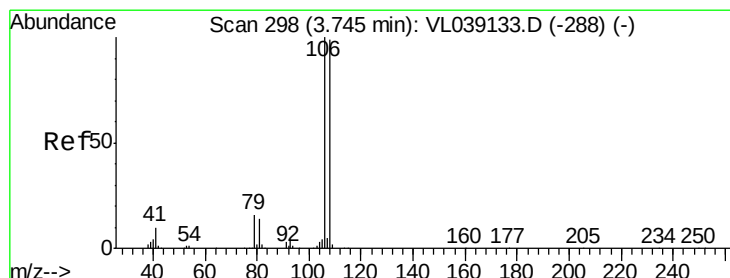
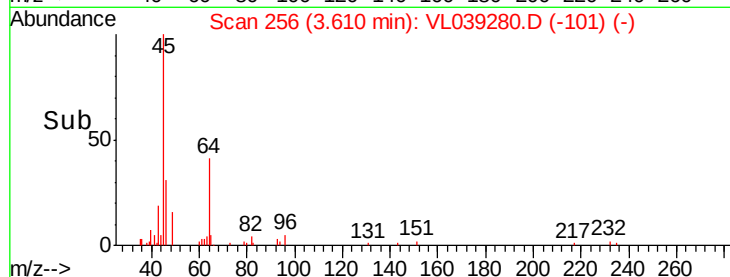
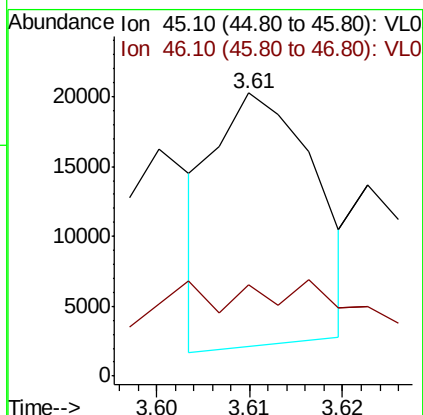
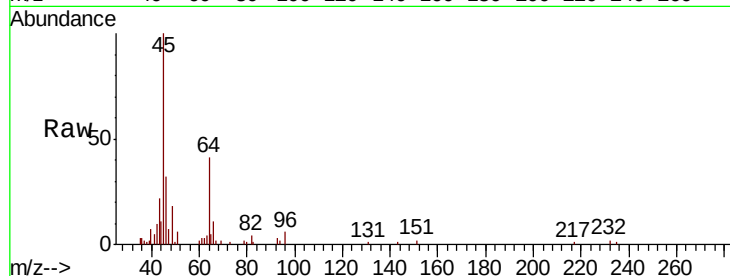
Tgt Ion:101 Resp: 1308020
 Ion Ratio Lower Upper
 101 100
 151 76.3 59.4 89.0





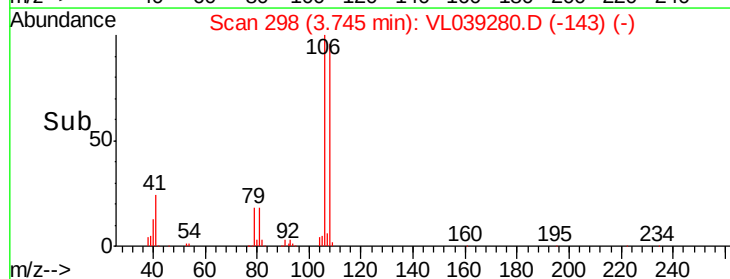
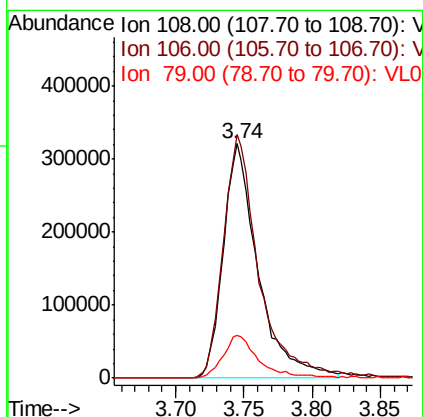
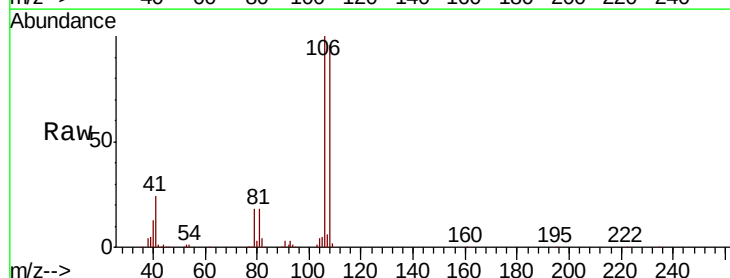
#13
Ethanol
Concen: 3.572 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Jun 2022 13:18

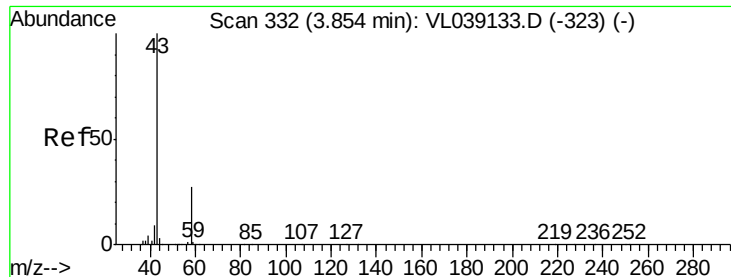
Tot Ion: 45 Resp: 13634
Ion Ratio Lower Upper
45 100
46 133.6 0.0 0.0#



#14
Bromoethene
Concen: 9.569 ppbv
RT: 3.74 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Tgt Ion: 108 Resp: 570501
Ion Ratio Lower Upper
108 100
106 107.6 88.4 132.6
79 19.2 13.4 20.2





#15

Acetone

Concen: 9.909 ppbv

RT: 3.85 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

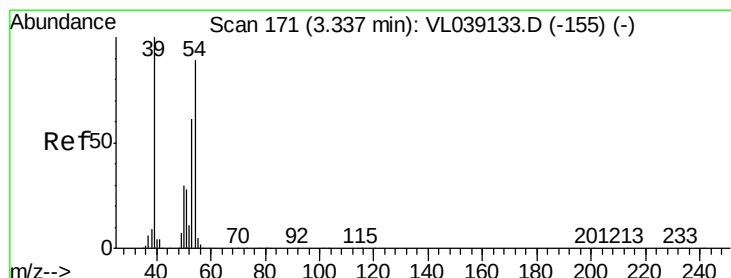
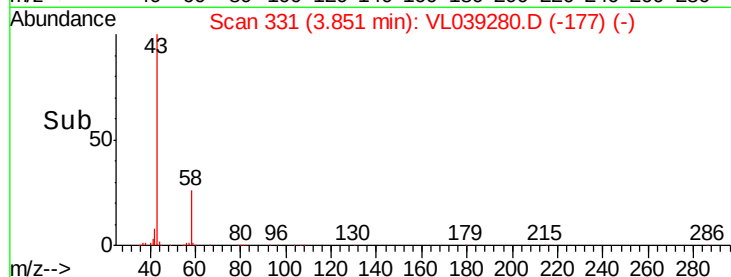
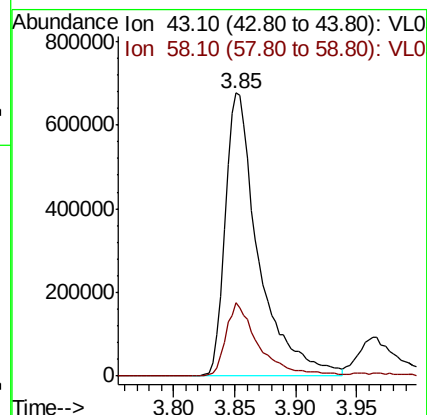
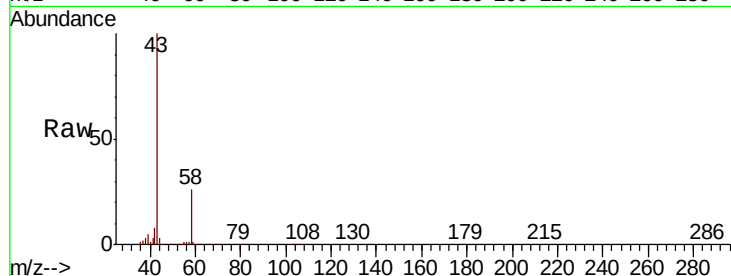
Acq: 14 Jun 2022 13:18

Tot Ion: 43 Resp: 1301941

Ion Ratio Lower Upper

43 100

58 25.5 22.5 33.7



#16

1,3-Butadiene

Concen: 10.100 ppbv

RT: 3.33 min Scan# 170

Delta R.T. -0.00 min

Lab File: VL039280.D

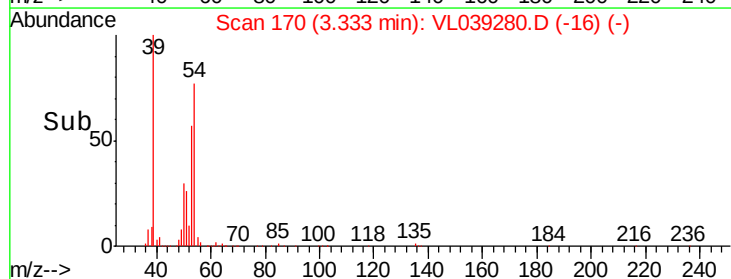
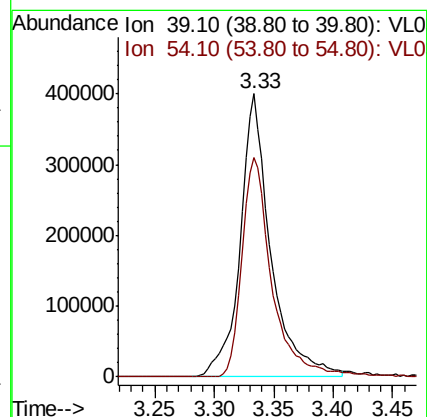
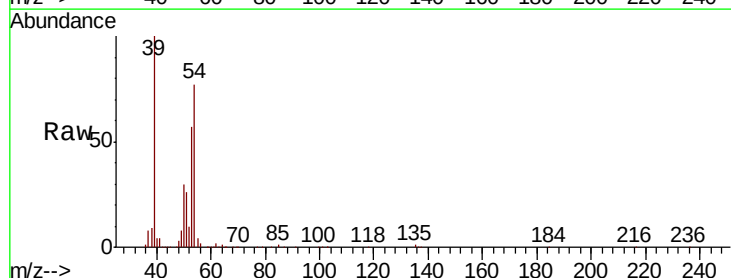
Acq: 14 Jun 2022 13:18

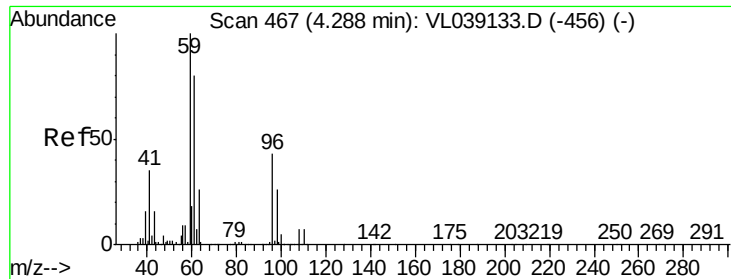
Tgt Ion: 39 Resp: 713361

Ion Ratio Lower Upper

39 100

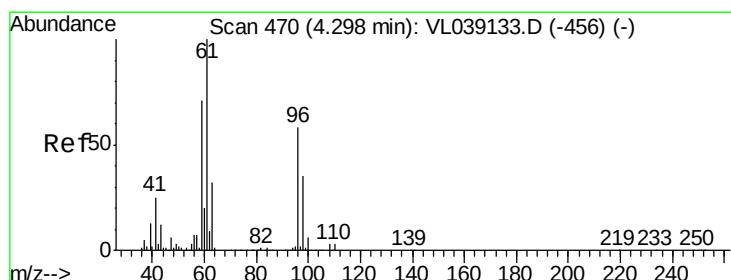
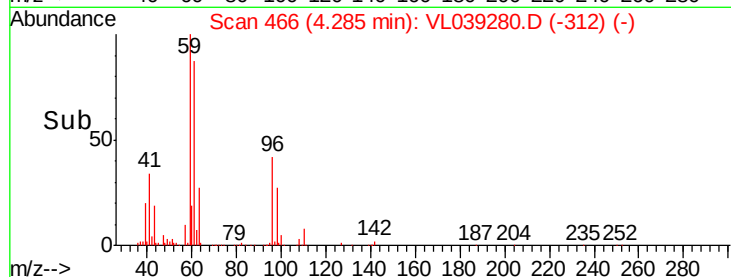
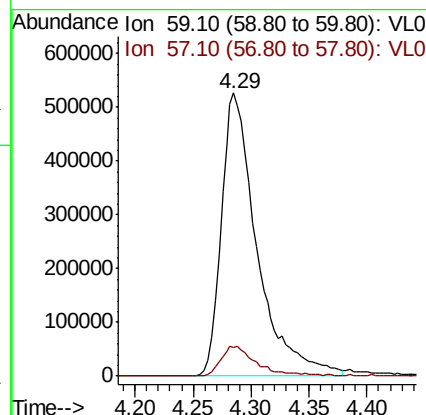
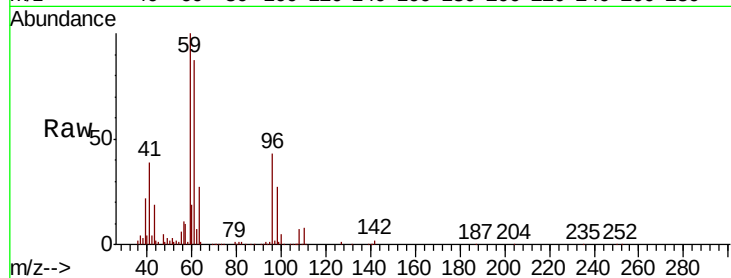
54 76.6 65.8 98.6





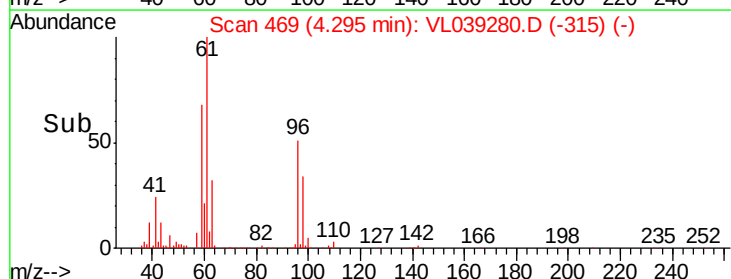
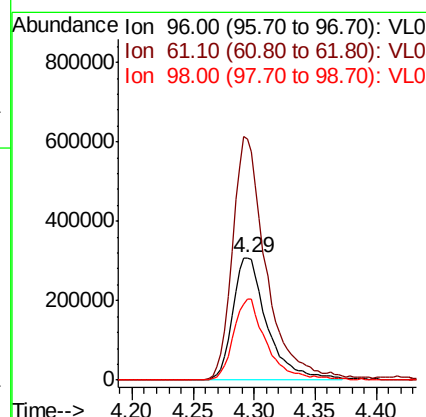
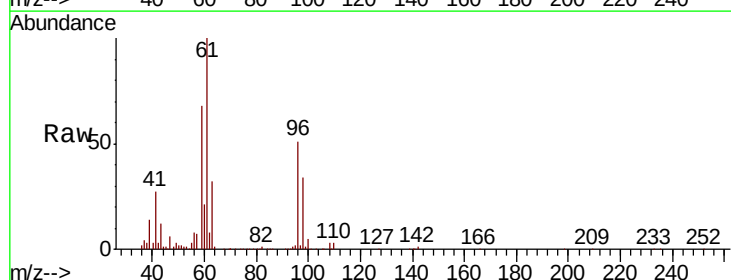
#17
 tert-Butyl alcohol
 Concen: 11.091 ppbv
 RT: 4.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 14 Jun 2022 13:18

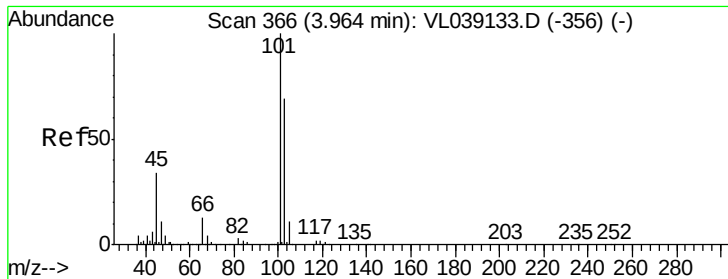
Tot Ion: 59 Resp: 1130347
 Ion Ratio Lower Upper
 59 100
 57 10.7 9.1 13.7



#18
 1,1-Dichloroethene
 Concen: 10.216 ppbv
 RT: 4.29 min Scan# 469
 Delta R.T. -0.00 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

Tgt Ion: 96 Resp: 607789
 Ion Ratio Lower Upper
 96 100
 61 197.0 138.4 207.6
 98 66.1 47.8 71.8





#19

Isopropyl Alcohol

Concen: 10.991 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

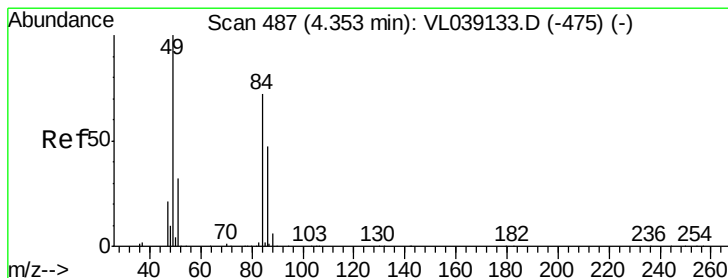
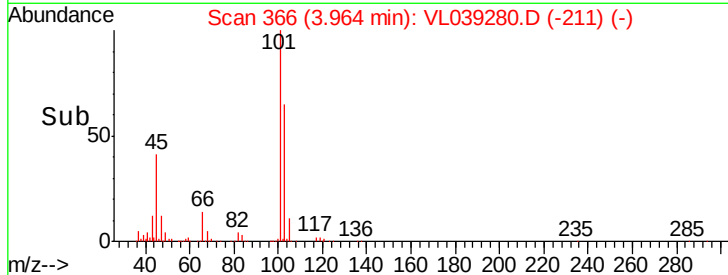
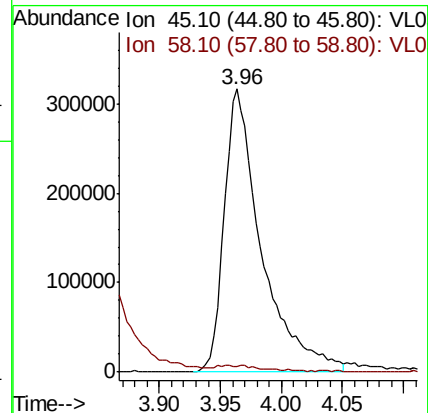
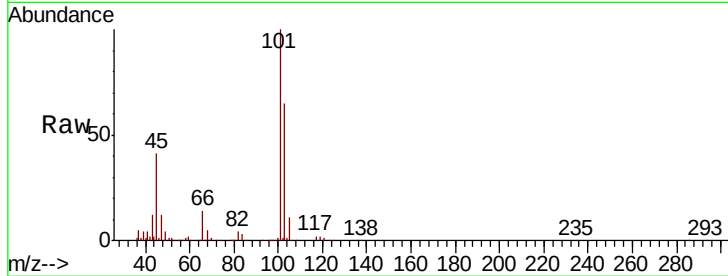
Acq: 14 Jun 2022 13:18 VSTDCCC010

Tot Ion: 45 Resp: 677367

Ion Ratio Lower Upper

45 100

58 2.5 1.8 2.8



#20

Methylene Chloride

Concen: 9.019 ppbv

RT: 4.35 min Scan# 486

Delta R.T. -0.00 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

Tgt Ion: 84 Resp: 499407

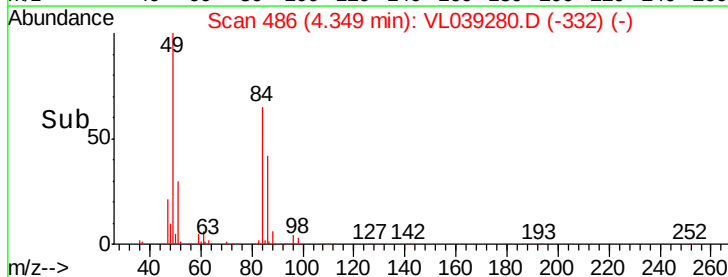
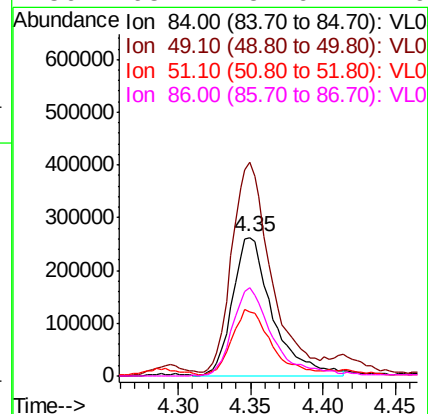
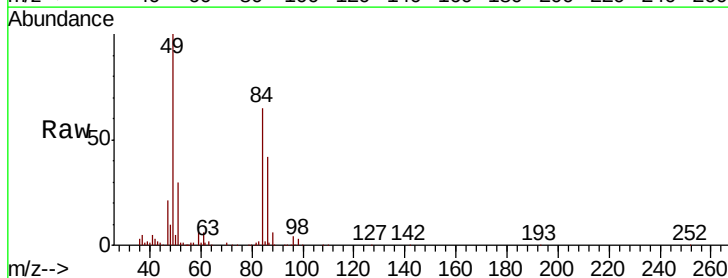
Ion Ratio Lower Upper

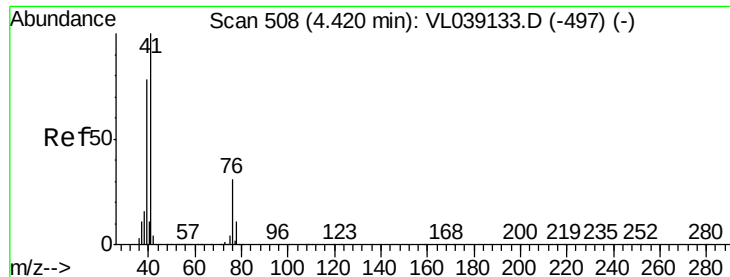
84 100

49 151.4 111.1 166.7

51 44.4 35.3 52.9

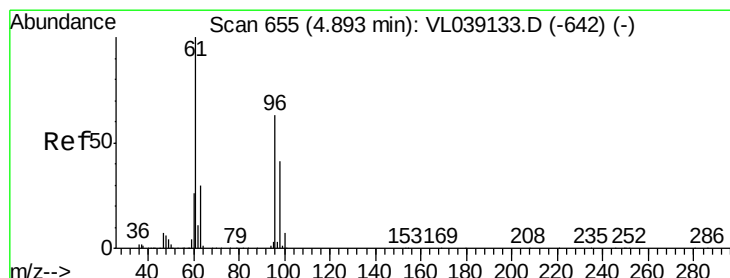
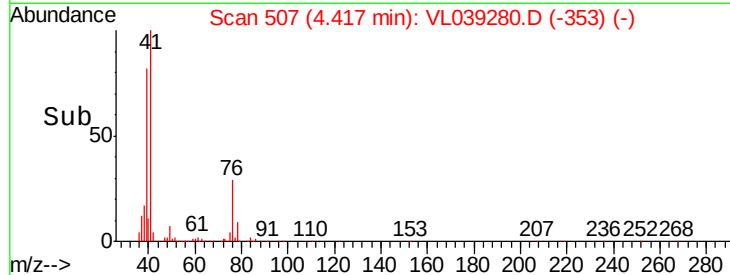
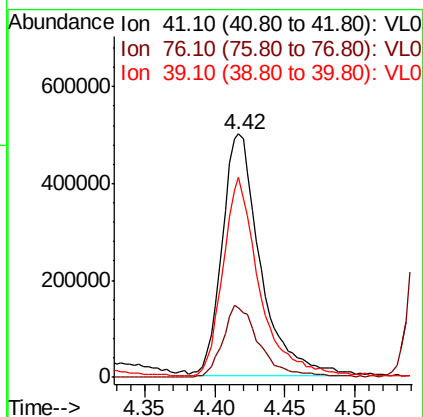
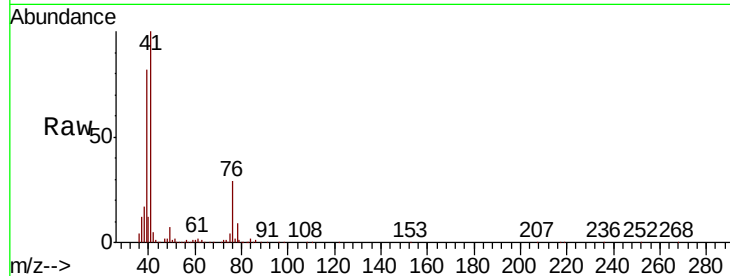
86 63.7 51.9 77.9





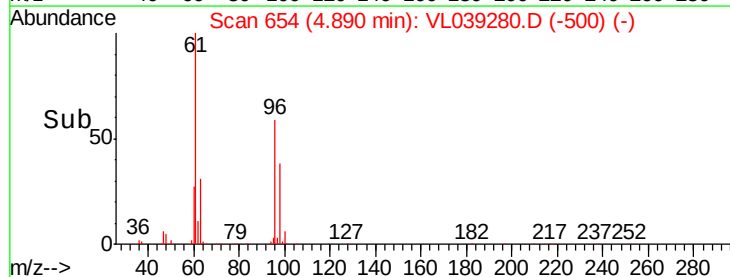
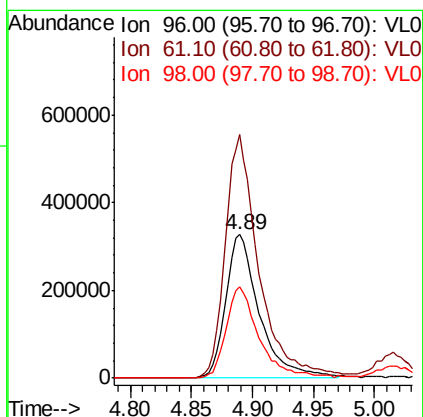
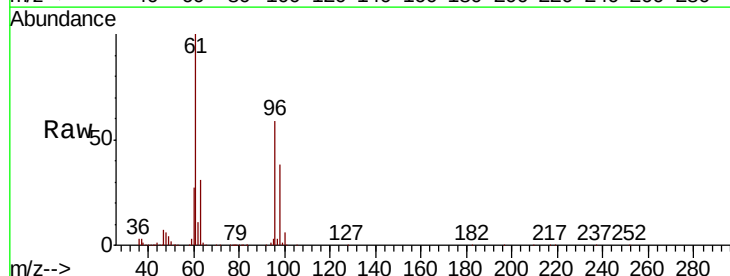
#21
 Allvl Chloride
 Concen: 10.638 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 14 Jun 2022 13:18

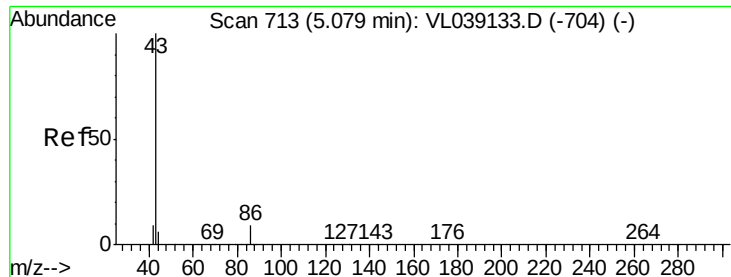
Tot Ion	41.10	Resp	942939
Ion Ratio	Lower	Upper	
41	100		
76	29.3	24.2	36.2
39	79.0	62.2	93.2



#22
 trans-1,2-Dichloroethene
 Concen: 11.026 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

Tgt Ion	96.00	Resp	631150
Ion Ratio	Lower	Upper	
96	100		
61	170.1	126.6	190.0
98	64.0	52.5	78.7





#23

Vinyl Acetate

Concen: 9.280 ppbv

RT: 5.08 Instrument: MSVOA_1

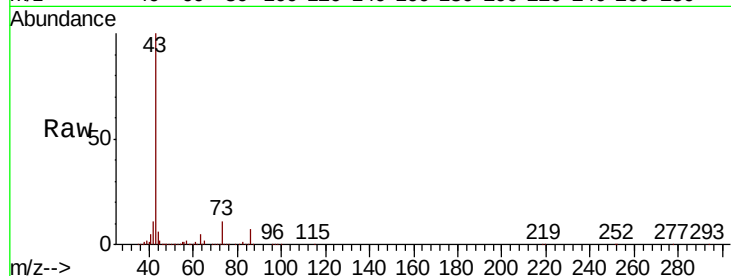
Delta R.T.

Lab File: ClientSampleId:

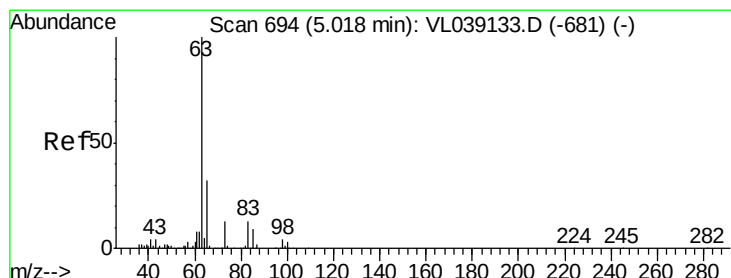
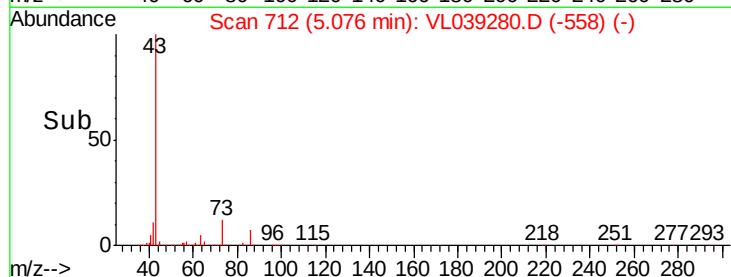
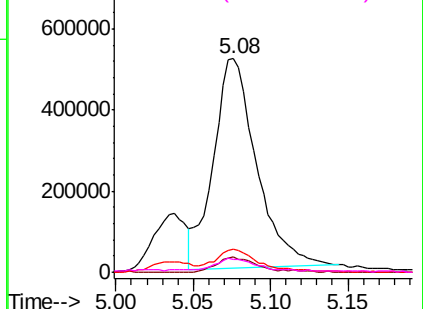
Acq: 14 Jun 2022 13:18 VSTDCCC010

Tot Ion: 43 Resp: 1008795

Ion	Ratio	Lower	Upper
43	100		
86	7.5	6.0	9.0
42	10.6	8.2	12.4
44	5.5	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: 8.285 ppbv

RT: 5.01 min Scan# 693

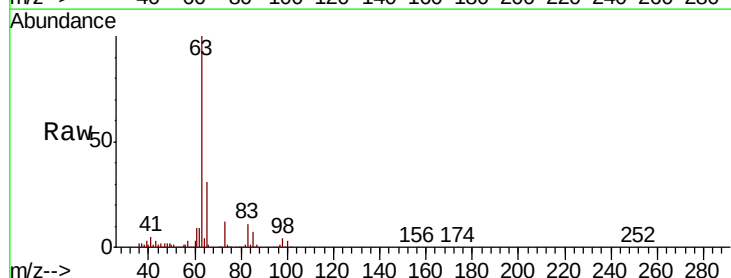
Delta R.T. -0.00 min

Lab File: VL039280.D

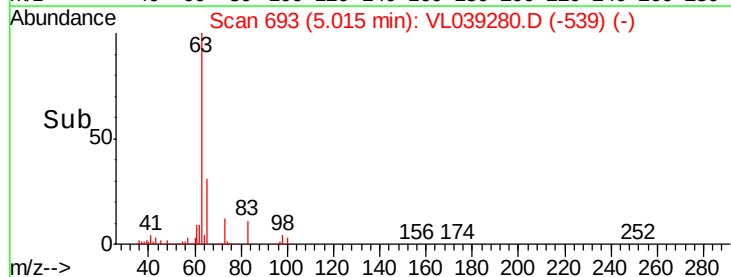
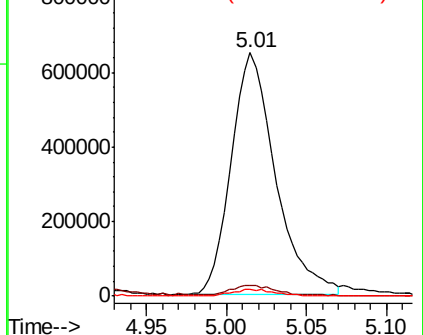
Acq: 14 Jun 2022 13:18

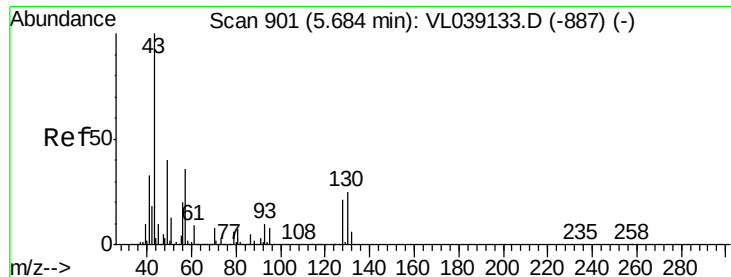
Tgt Ion: 63 Resp: 1234070

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.2
100	2.5	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

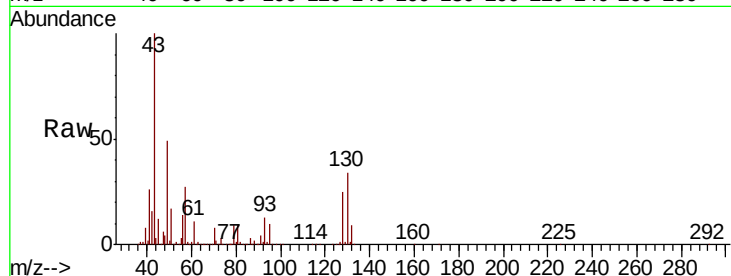




#25
Ethyl Acetate
Concen: 9.156 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 14 Jun 2022 13:18
VSTDCCC010

Tot Ion: 43 Resp: 2711367

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	9.8	8.4	12.6
70	7.0	5.6	8.4



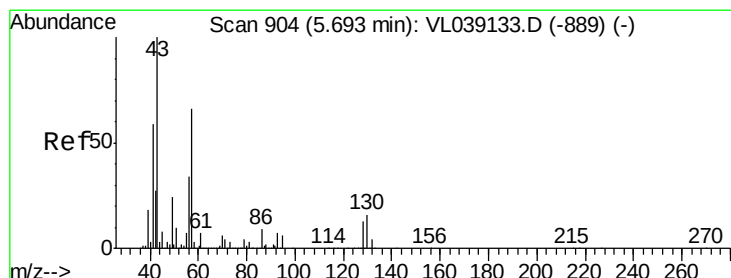
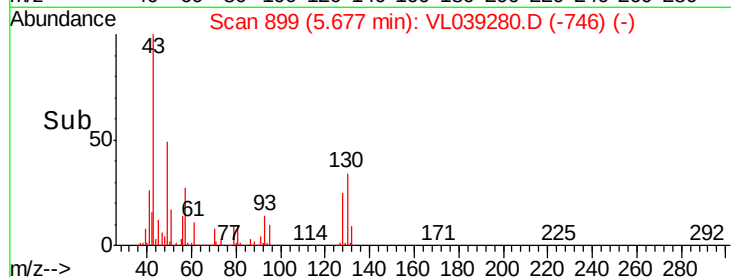
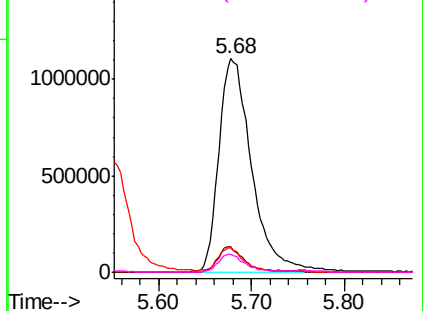
Abundance

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

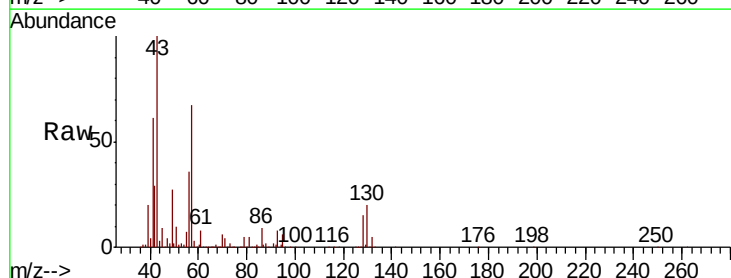
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 8.684 ppbv
RT: 5.69 min Scan# 903
Delta R.T.: -0.00 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Tgt Ion: 57 Resp: 1130125

Ion	Ratio	Lower	Upper
57	100		
41	97.9	72.4	108.6
43	241.2	187.0	280.6
56	54.7	41.8	62.6



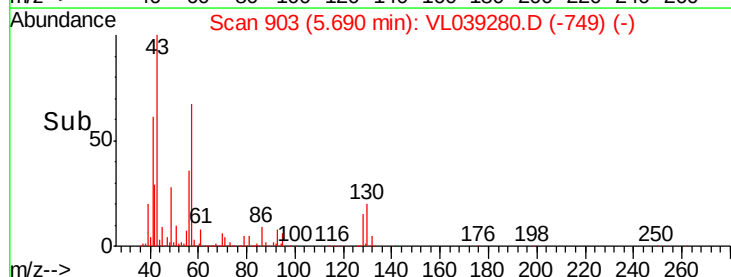
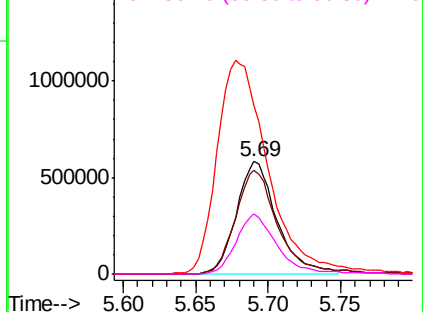
Abundance

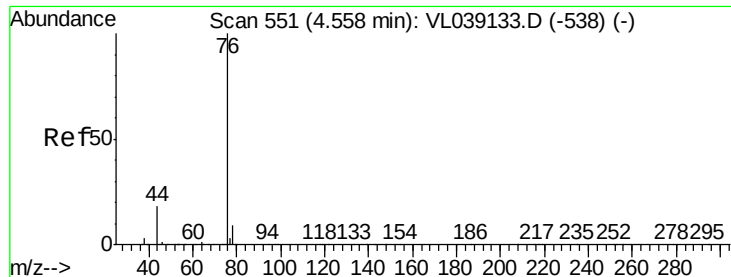
Ion 57.10 (56.80 to 57.80): VL0

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: 10.642 ppbv

RT: 4.56 Instrument: MSVOA_1

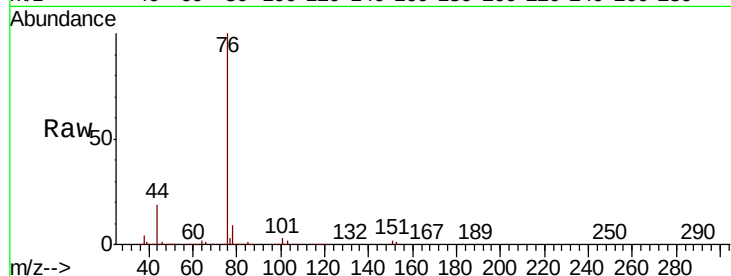
Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

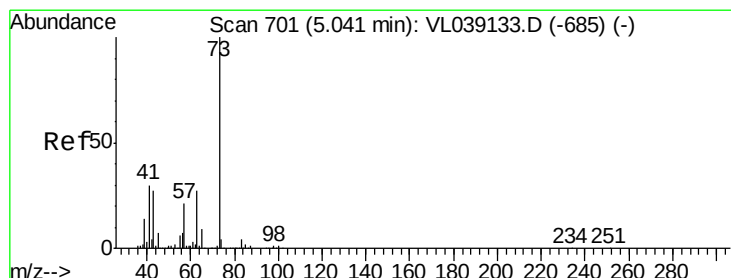
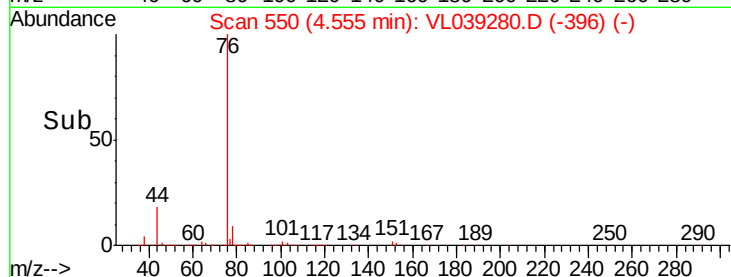
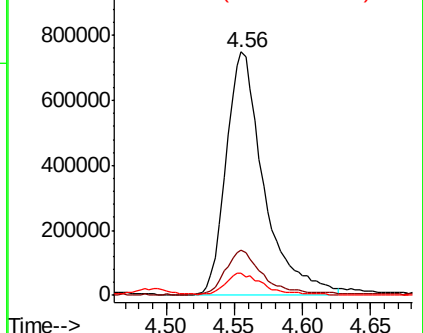
Acq: 14 Jun 2022 13:18

Tot Ion: 76 Resp: 1435376

Ion	Ratio	Lower	Upper
76	100		
44	18.8	14.4	21.6
78	10.2	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: 7.706 ppbv

RT: 5.03 min Scan# 699

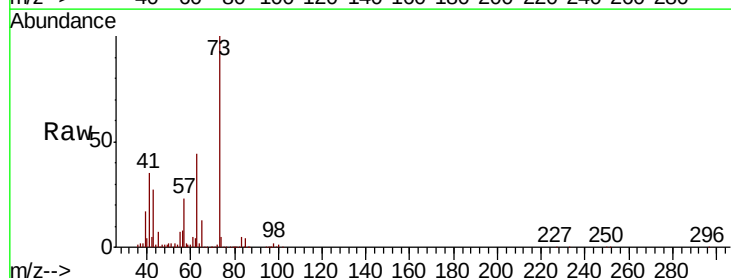
Delta R.T. -0.01 min

Lab File: VL039280.D

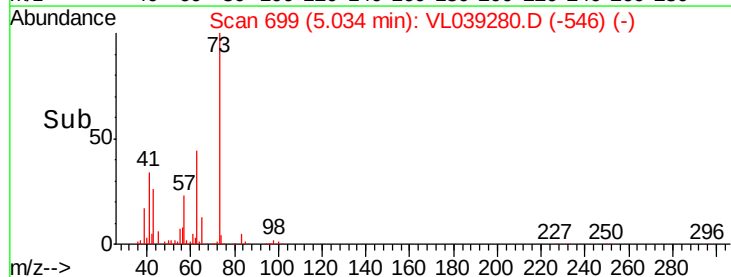
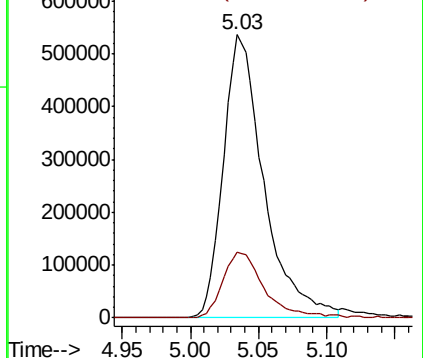
Acq: 14 Jun 2022 13:18

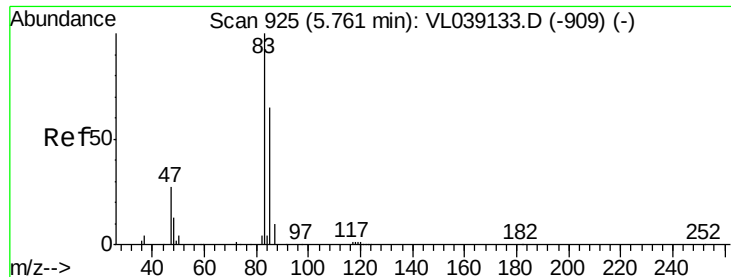
Tgt Ion: 73 Resp: 1107119

Ion	Ratio	Lower	Upper
73	100		
57	24.3	18.6	27.8



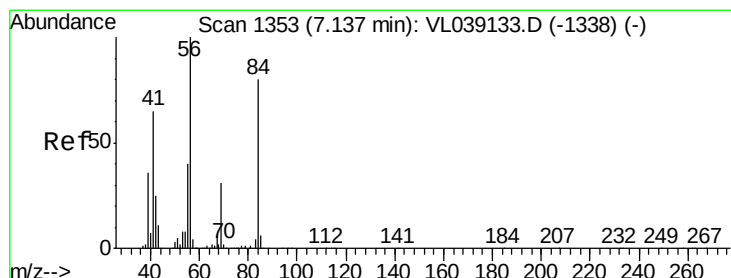
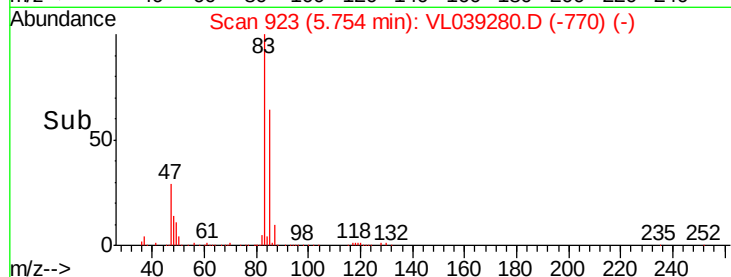
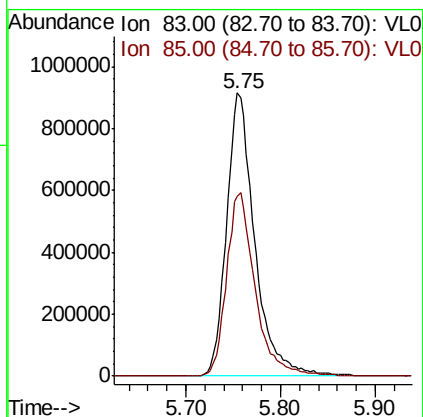
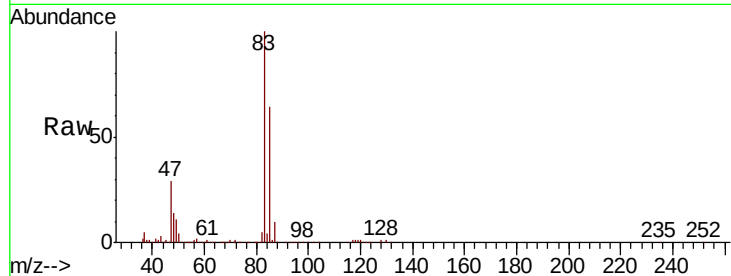
Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





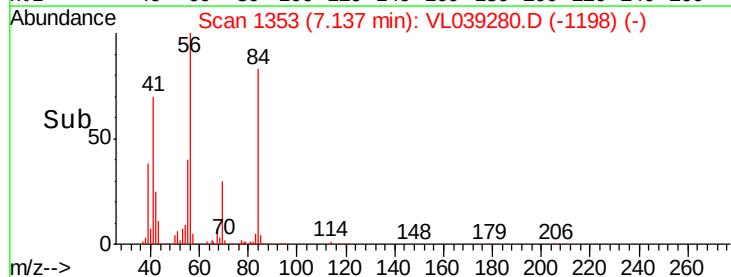
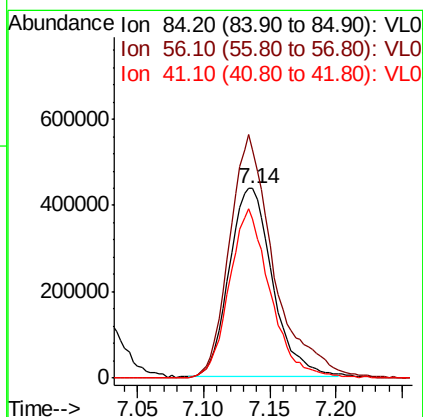
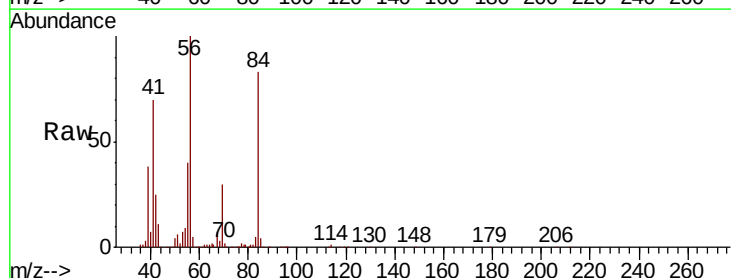
#29
Chloroform
Concen: 8.629 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Jun 2022 13:18

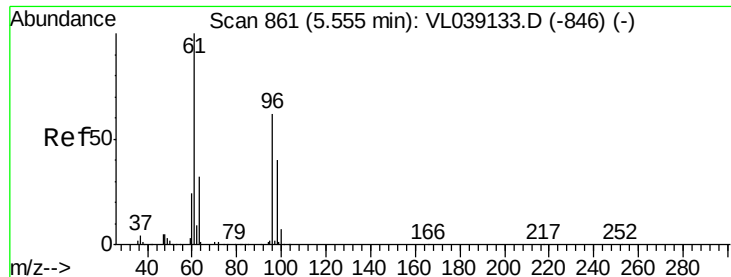
Tot Ion: 83 Resp: 1889617
Ion Ratio Lower Upper
83 100
85 63.5 52.4 78.6



#30
Cyclohexane
Concen: 9.037 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Tgt Ion: 84 Resp: 987974
Ion Ratio Lower Upper
84 100
56 133.5 110.6 165.8
41 86.0 68.9 103.3





#31

cis-1,2-Dichloroethene

Concen: 8.744 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 14 Jun 2022 13:18

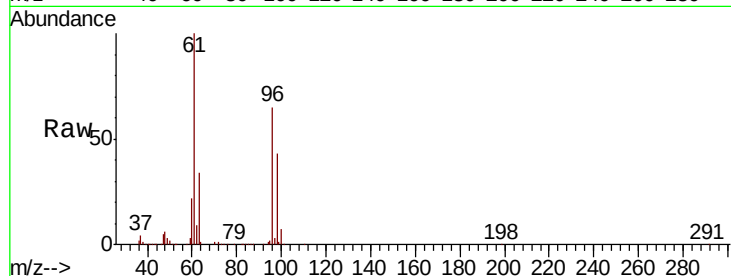
Tot Ion: 61 Resp: 1160303

Ion Ratio Lower Upper

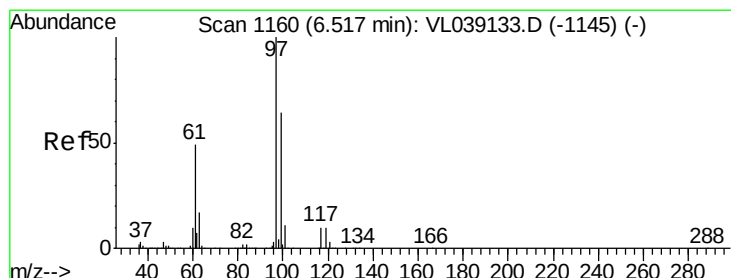
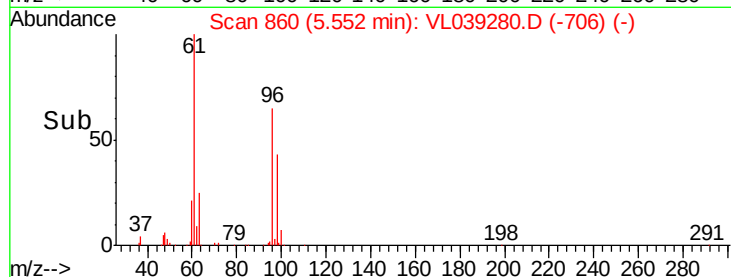
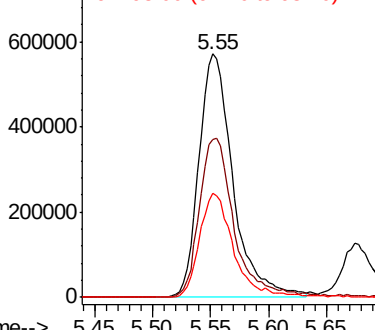
61 100

96 64.8 49.9 74.9

98 42.9 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: 8.923 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

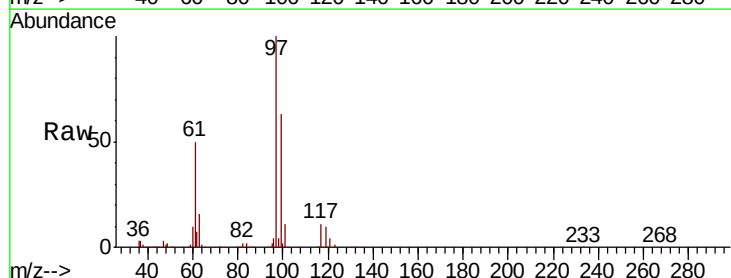
Tgt Ion: 97 Resp: 1912109

Ion Ratio Lower Upper

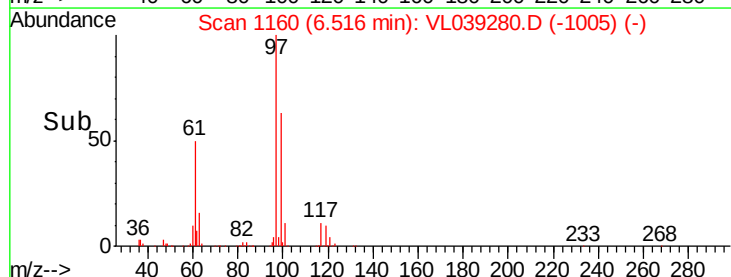
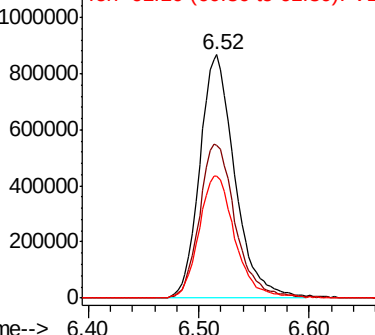
97 100

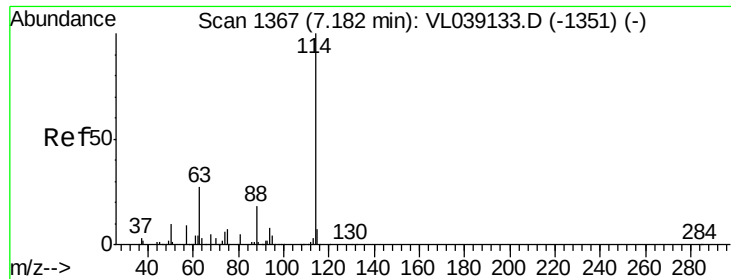
99 65.0 52.1 78.1

61 52.2 40.0 60.0



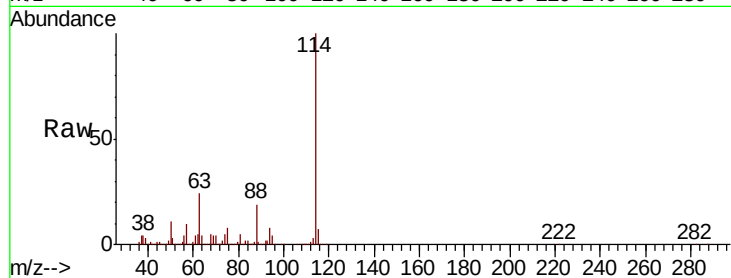
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



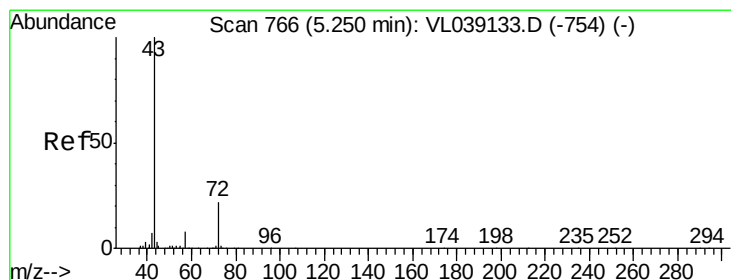
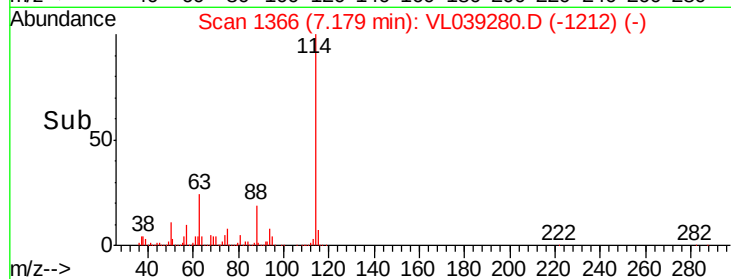
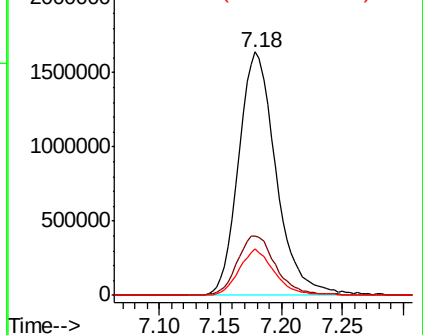


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 14 Jun 2022 13:18

Tot Ion:114 Resp: 3473240
 Ion Ratio Lower Upper
 114 100
 63 25.4 21.7 32.5
 88 18.2 14.8 22.2

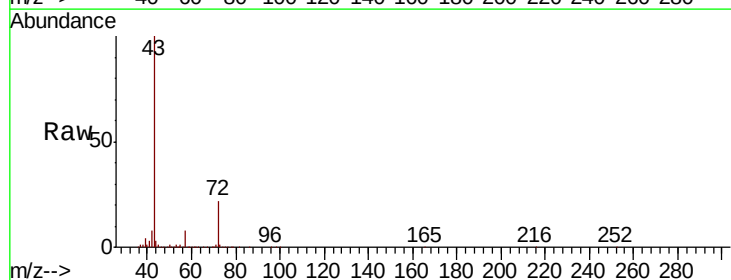


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

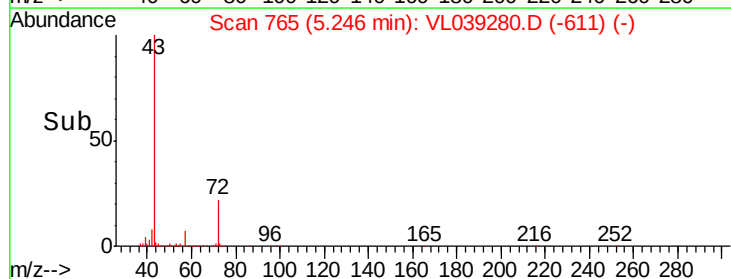
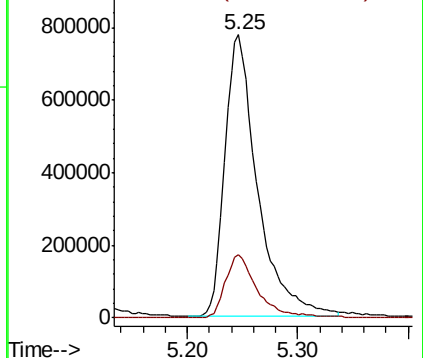


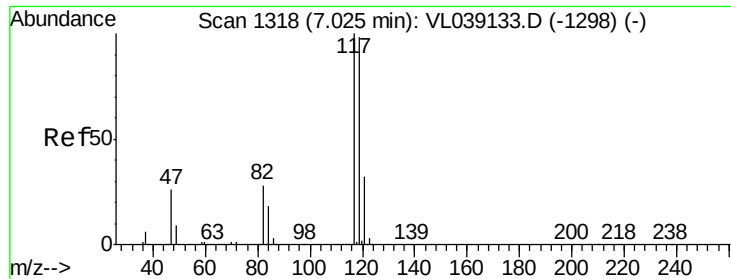
#34
 2-Butanone
 Concen: 8.474 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

Tgt Ion: 43 Resp: 1598990
 Ion Ratio Lower Upper
 43 100
 72 22.6 18.2 27.2



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

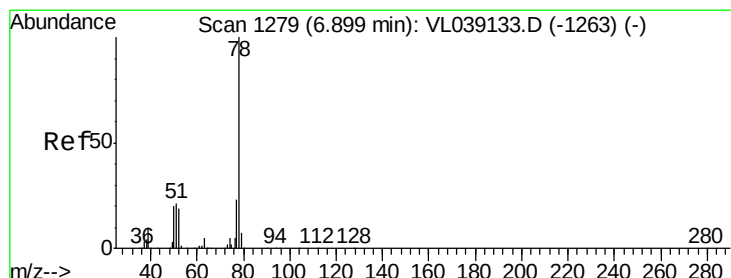
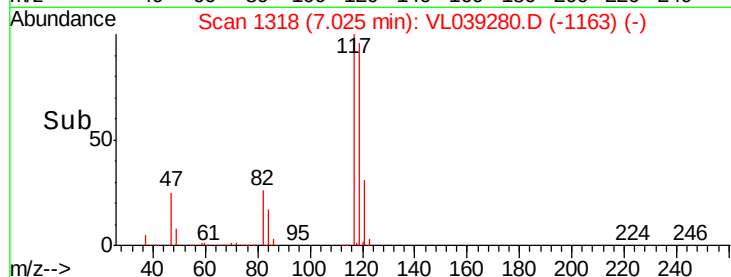
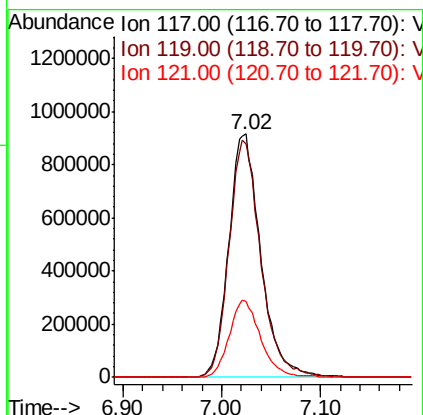
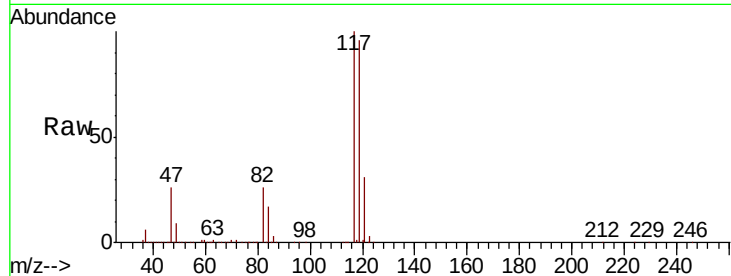




#35
Carbon Tetrachloride
Concen: 8.152 ppbv
RT: 7.02
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 14 Jun 2022 13:18

Tot Ion:117 Resp: 2066481

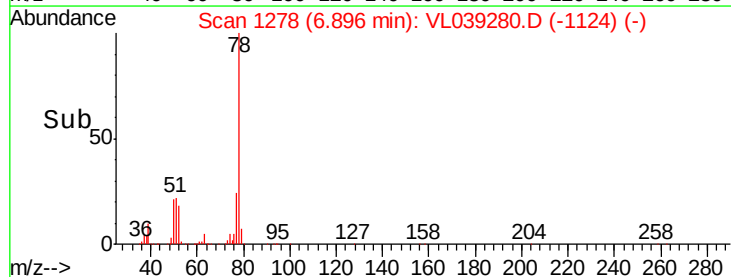
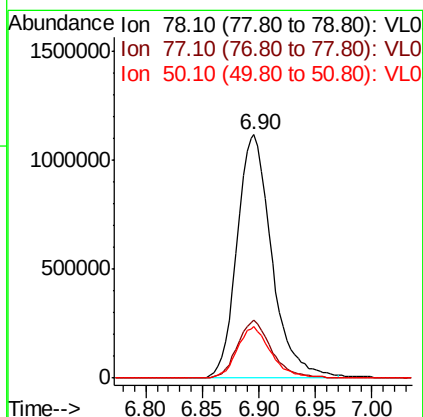
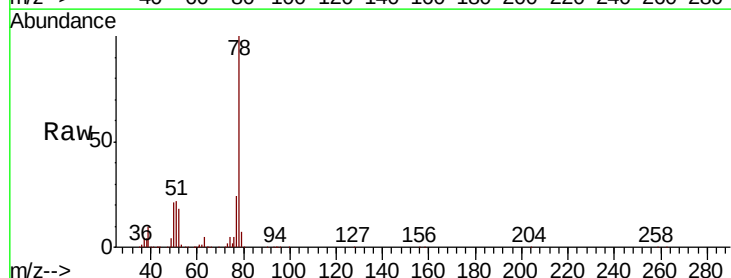
Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.6	118.0
121	31.0	25.4	38.0

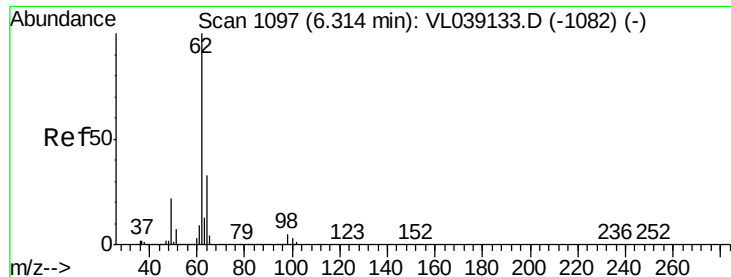


#36
Benzene
Concen: 8.465 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Tgt Ion: 78 Resp: 2386967

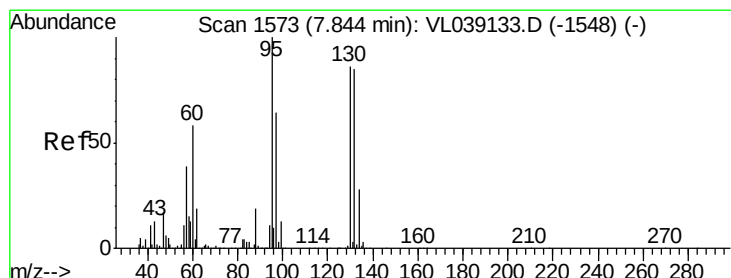
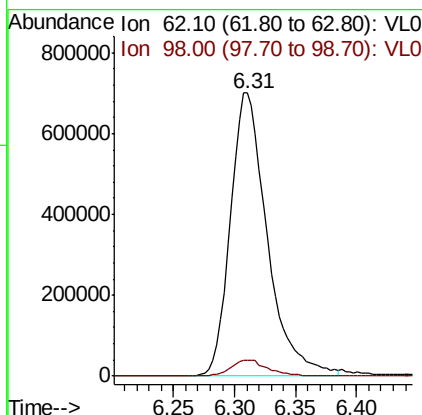
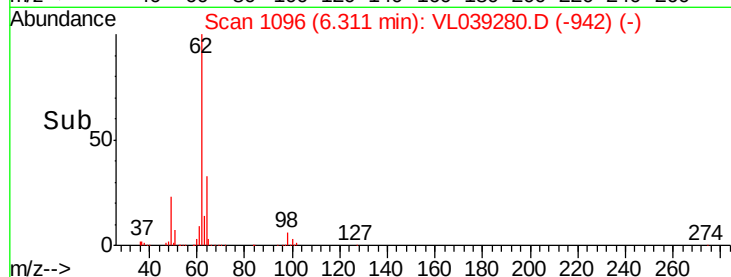
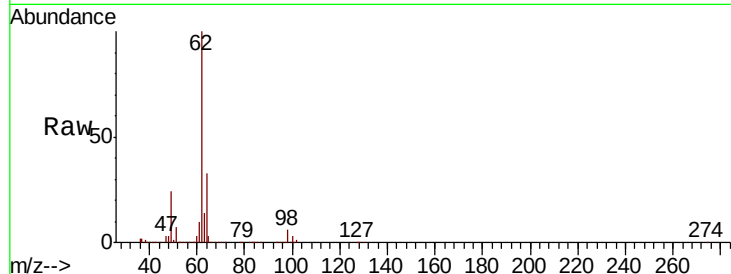
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	27.8
50	21.4	15.8	23.8





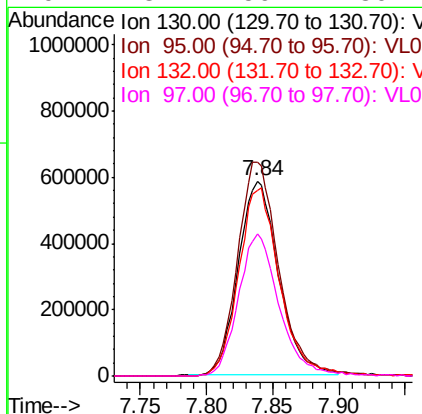
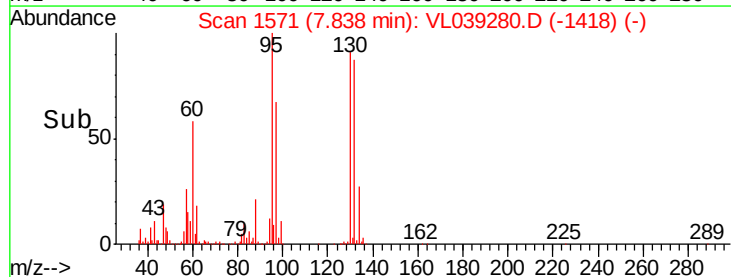
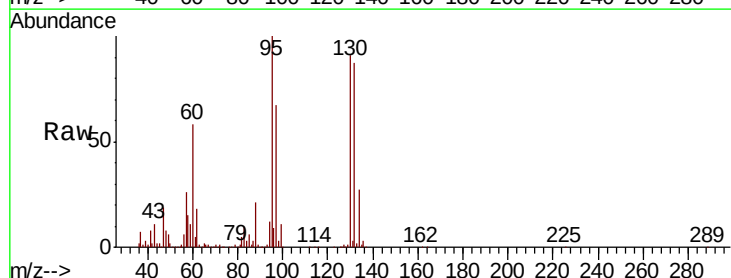
#37
 1,2-Dichloroethane
 Concen: 7.942 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 14 Jun 2022 13:18

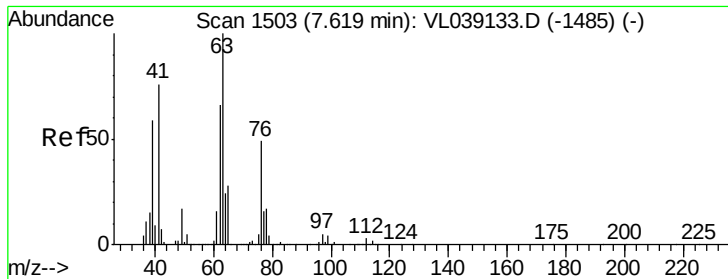
Tot Ion: 62 Resp: 1473822
 Ion Ratio Lower Upper
 62 100
 98 5.9 4.3 6.5



#38
 Trichloroethene
 Concen: 9.641 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

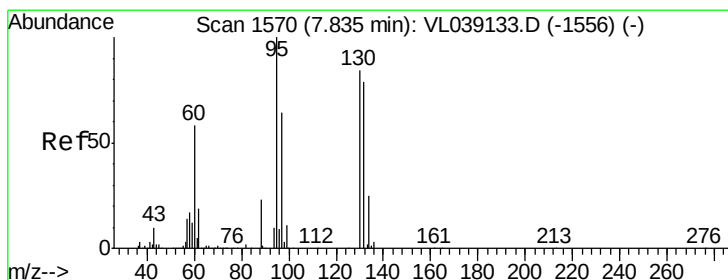
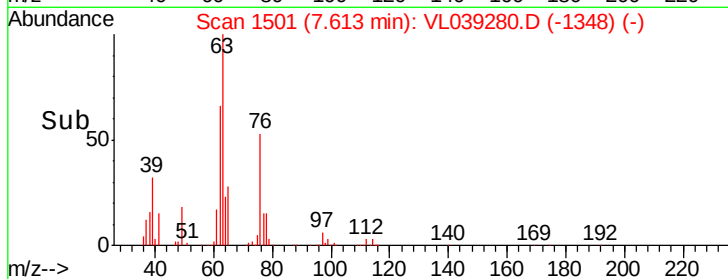
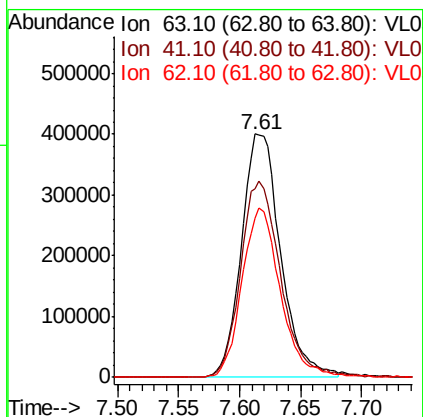
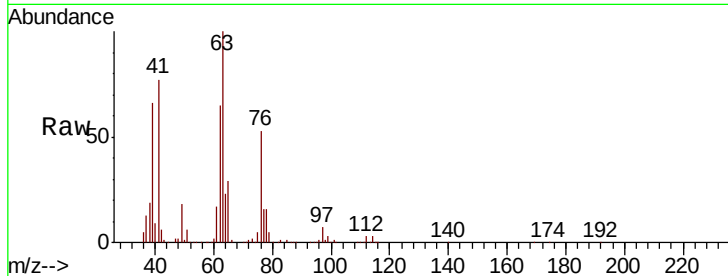
Tgt Ion:130 Resp: 1248631
 Ion Ratio Lower Upper
 130 100
 95 109.9 93.3 139.9
 132 95.3 79.0 118.4
 97 73.2 59.4 89.2





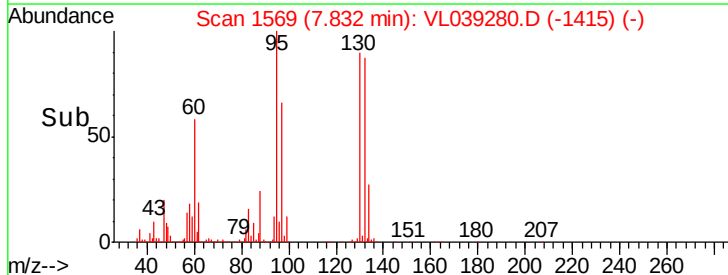
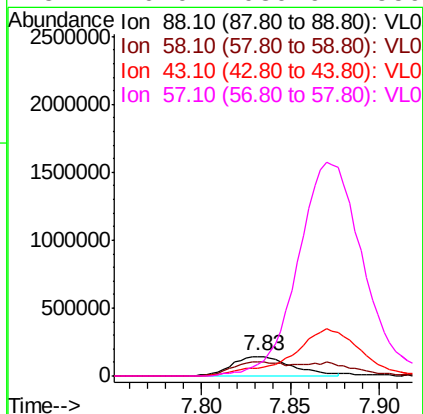
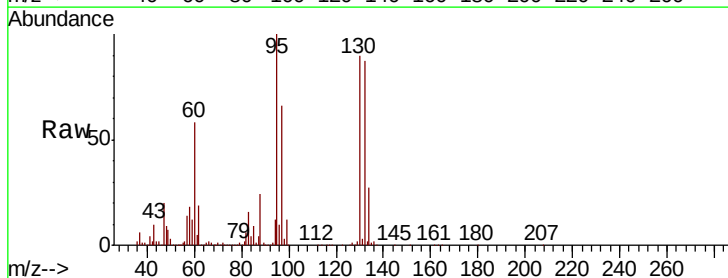
#39
 1,2-Dichloropropane
 Concen: 7.913 ppbv
 RT: 7.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 14 Jun 2022 13:18

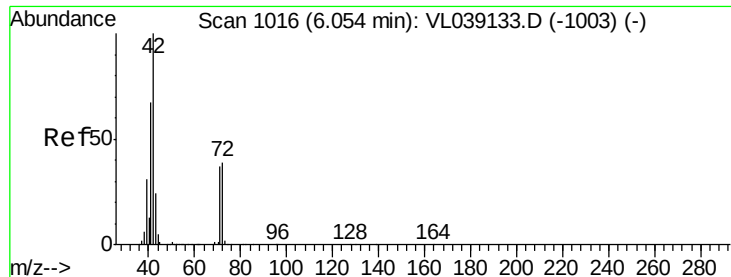
Tot Ion	63	Resp	887516
Ion Ratio	Lower	Upper	
63	100		
41	77.3	60.8	91.2
62	65.5	52.9	79.3



#40
 1,4-Dioxane
 Concen: 8.944 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

Tgt Ion	88	Resp	330250
Ion Ratio	Lower	Upper	
88	100		
58	66.0	111.2	166.8#
43	0.0	234.2	351.4#
57	0.0	1039.9	1559.9#





#41

Tetrahydrofuran

Concen: 8.039 ppbv

RT: 6.05 Instrument: MSVOA_1

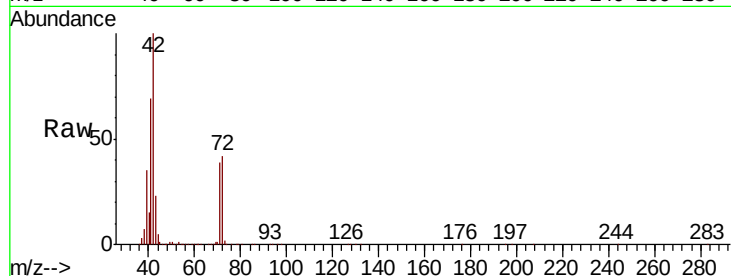
Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 14 Jun 2022 13:18

Tot Ion: 42 Resp: 912300

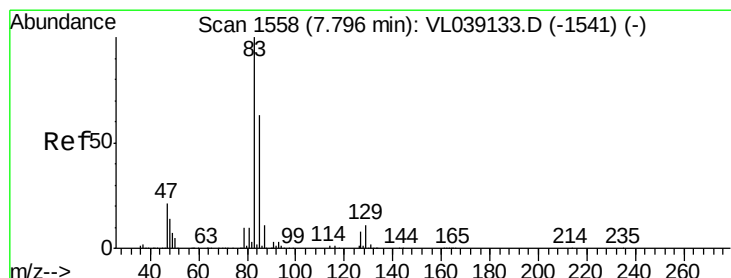
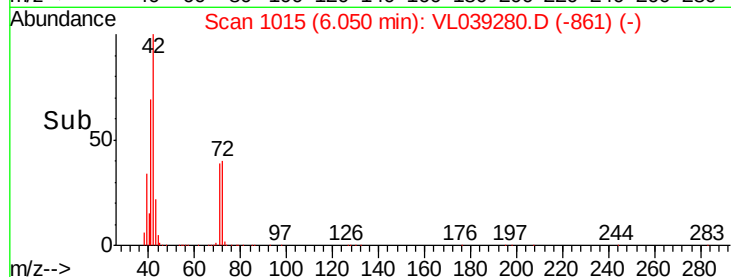
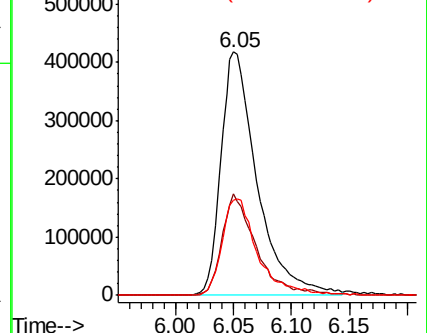
Ion	Ratio	Lower	Upper
42	100		
72	40.0	32.0	48.0
71	39.5	31.1	46.7



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 7.880 ppbv

RT: 7.79 min Scan# 1557

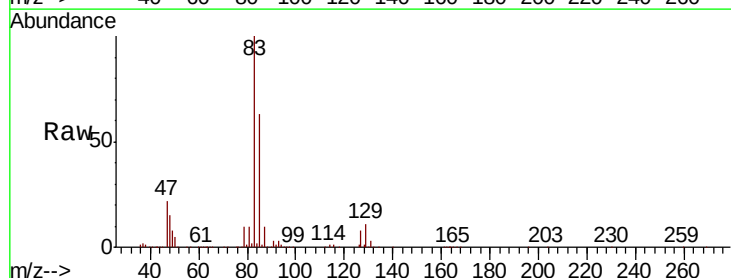
Delta R.T. -0.00 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

Tgt Ion: 83 Resp: 2029506

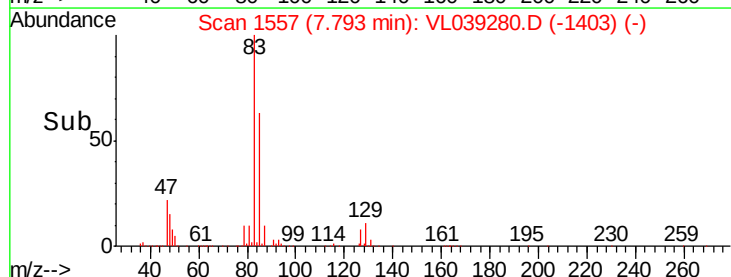
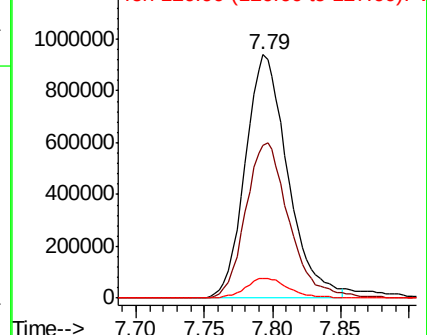
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.2	75.4
127	8.3	6.6	9.8

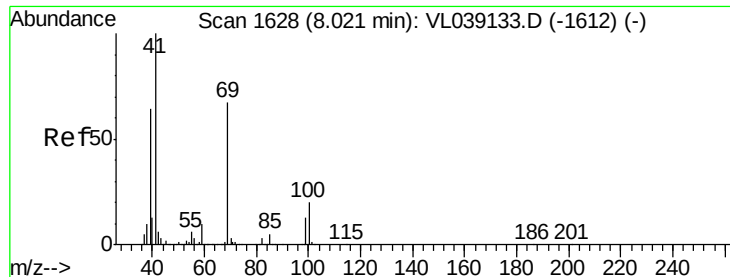


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 8.664 ppbv

RT: 8.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Jun 2022 13:18 VSTDCCC010

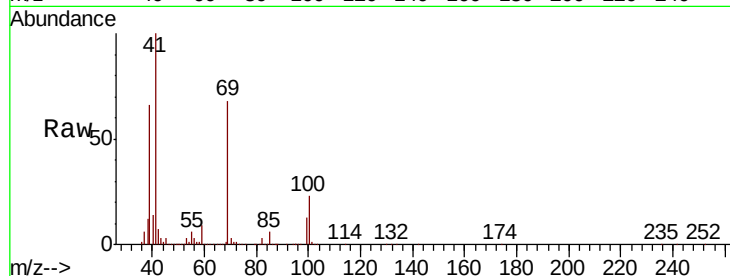
Tot Ion: 69 Resp: 951662

Ion Ratio Lower Upper

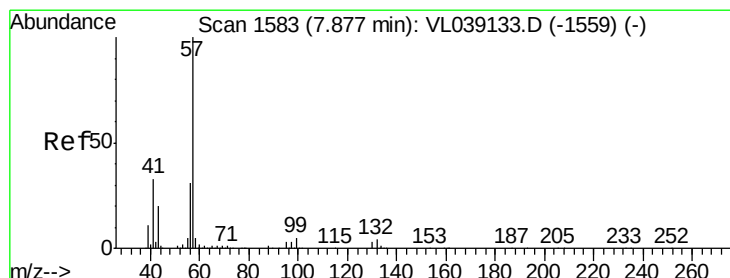
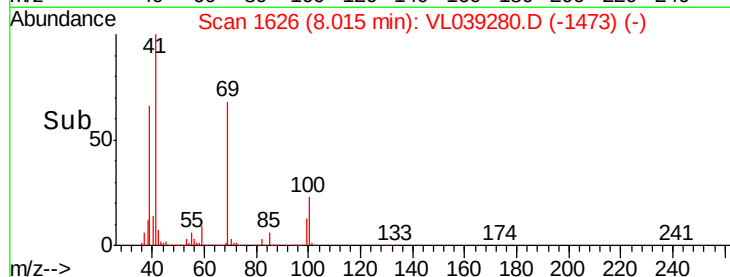
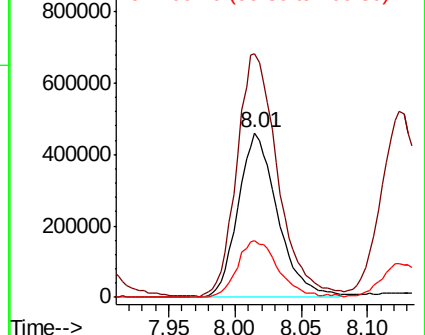
69 100

41 153.3 121.9 182.9

100 36.0 24.1 36.1



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



#44

2,2,4-Trimethylpentane

Concen: 8.111 ppbv

RT: 7.87 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

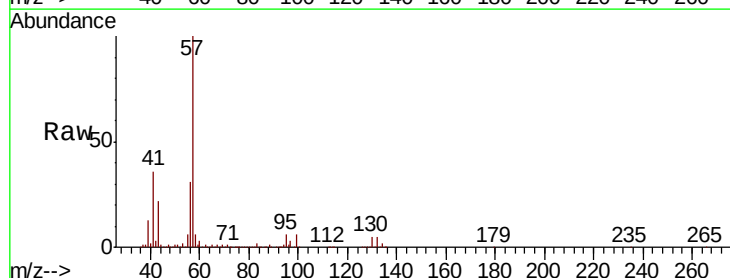
Tgt Ion: 57 Resp: 4001054

Ion Ratio Lower Upper

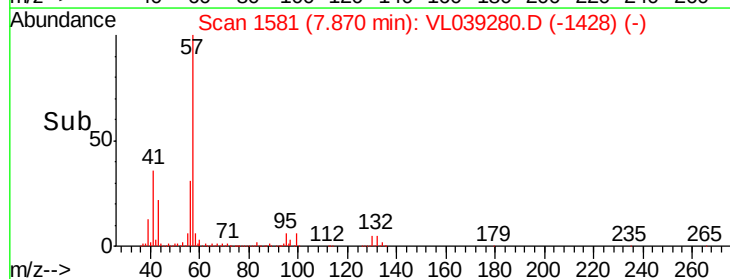
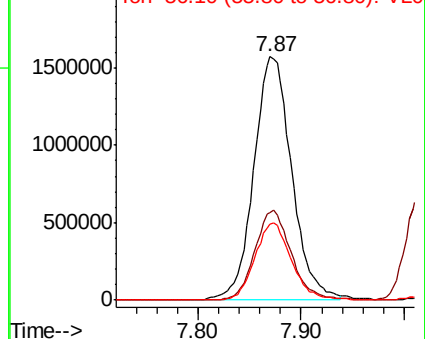
57 100

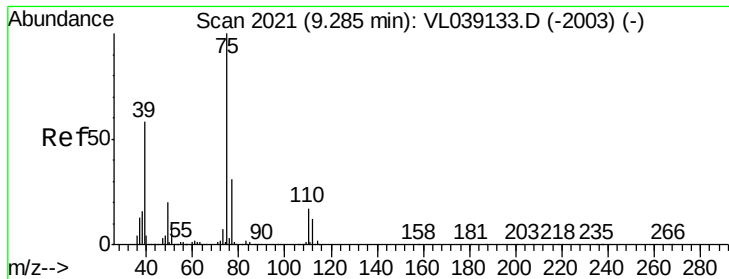
41 35.5 26.2 39.4

56 30.7 24.7 37.1



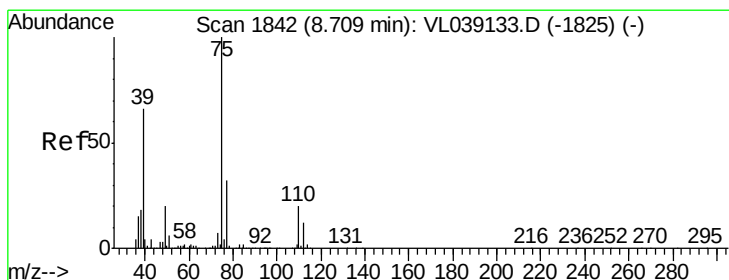
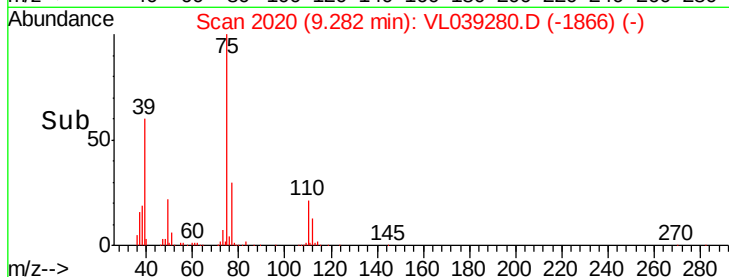
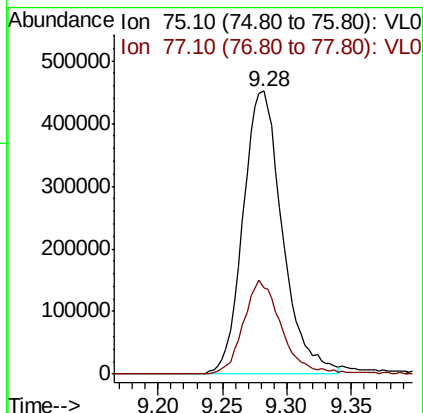
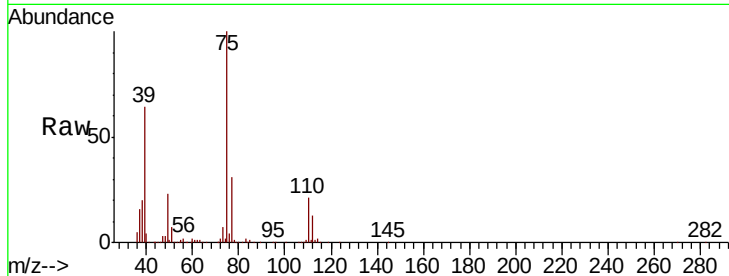
Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





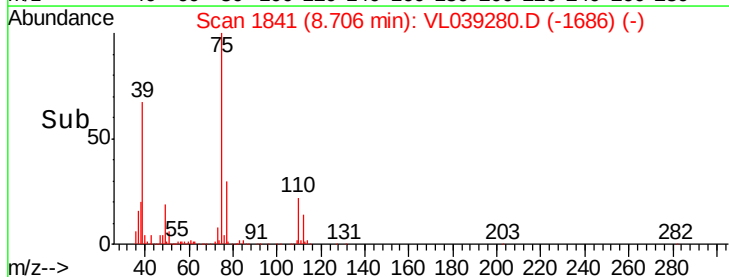
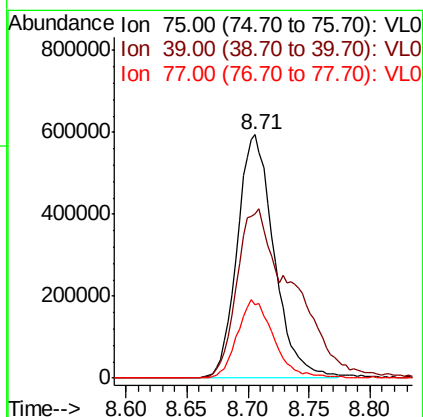
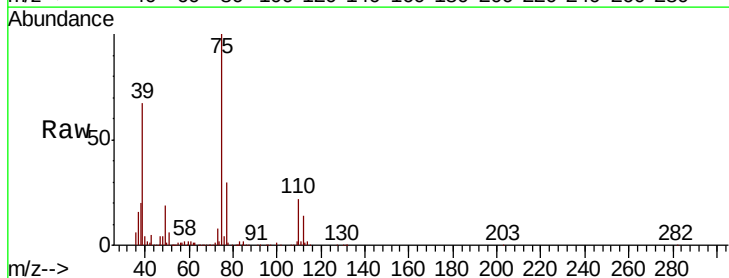
#45
t-1,3-Dichloropropene
Concen: 8.376 ppbv
RT: 9.28
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 14 Jun 2022 13:18

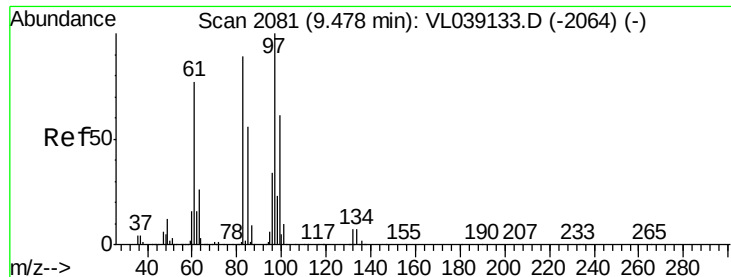
Tot Ion: 75 Resp: 958165
Ion Ratio Lower Upper
75 100
77 30.5 24.4 36.6



#46
cis-1,3-Dichloropropene
Concen: 8.203 ppbv
RT: 8.71 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Tgt Ion: 75 Resp: 1239505
Ion Ratio Lower Upper
75 100
39 67.2 52.4 78.6
77 30.3 25.5 38.3

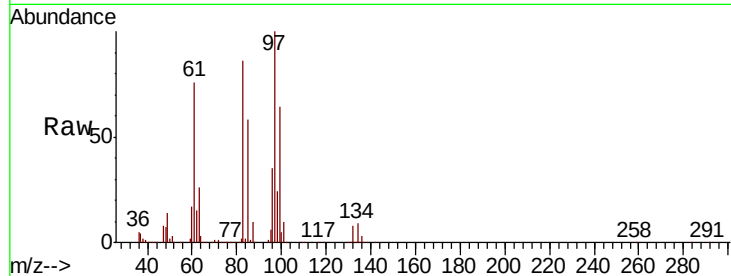




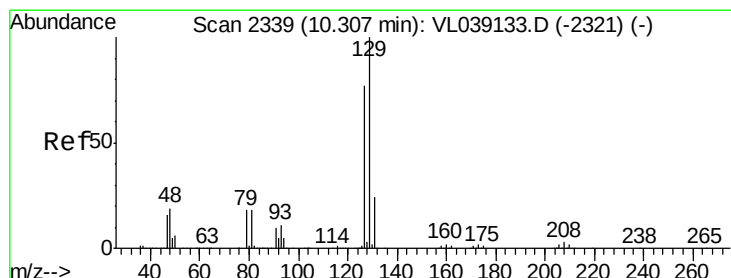
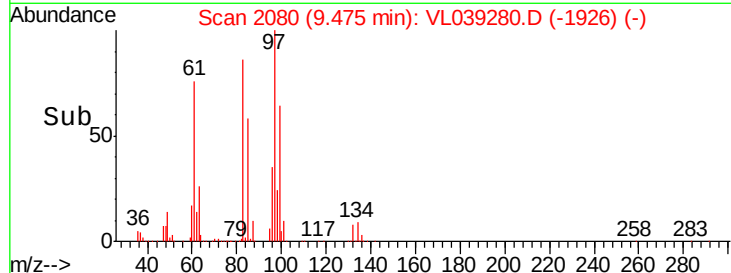
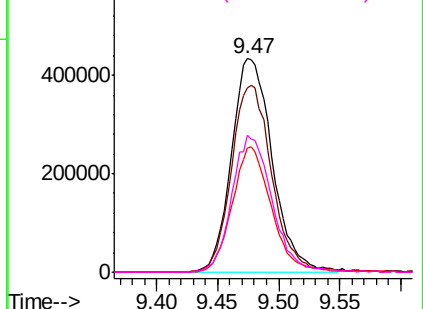
#47
 1,1,2-Trichloroethane
 Concen: 8.570 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 14 Jun 2022 13:18

Tot Ion: 97 Resp: 1002804

Ion	Ratio	Lower	Upper
97	100		
83	86.3	71.6	107.4
85	58.0	44.8	67.2
99	64.2	49.0	73.4



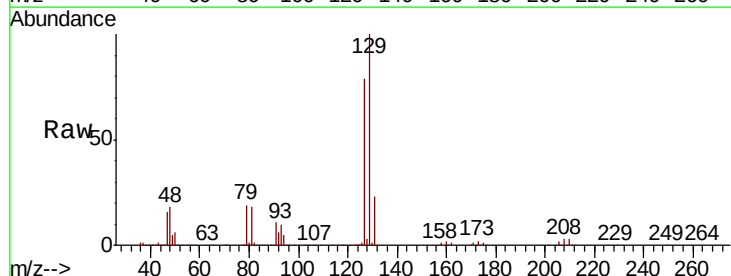
Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0



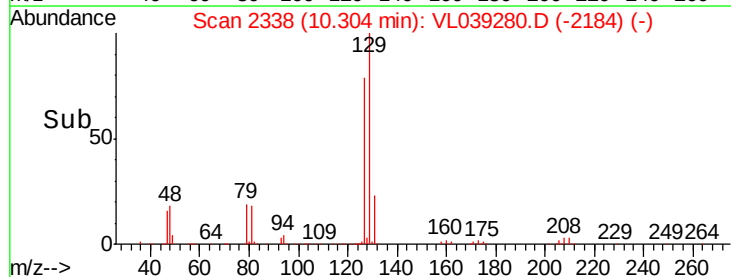
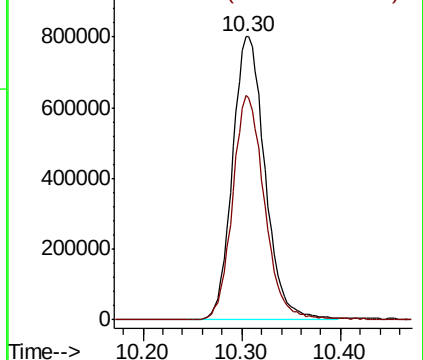
#48
 Dibromochloromethane
 Concen: 8.801 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

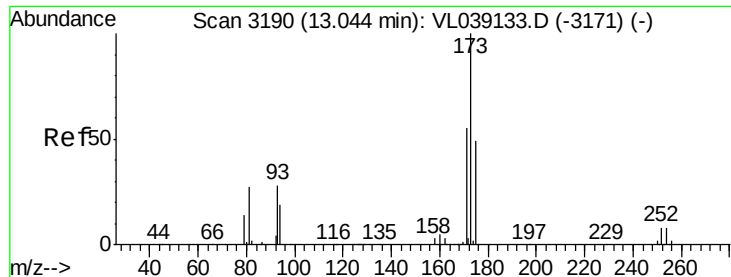
Tgt Ion: 129 Resp: 1838795

Ion	Ratio	Lower	Upper
129	100		
127	77.9	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: 8.753 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 14 Jun 2022 13:18

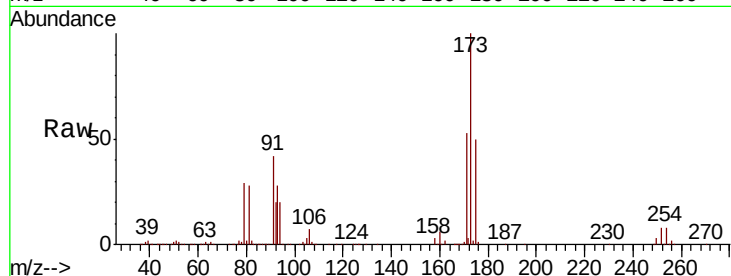
Tot Ion:173 Resp: 1524004

Ion Ratio Lower Upper

173 100

175 49.4 40.2 60.2

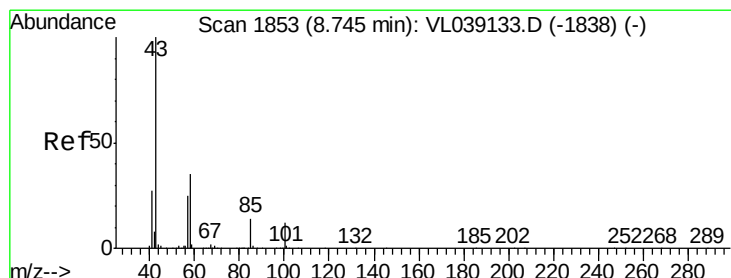
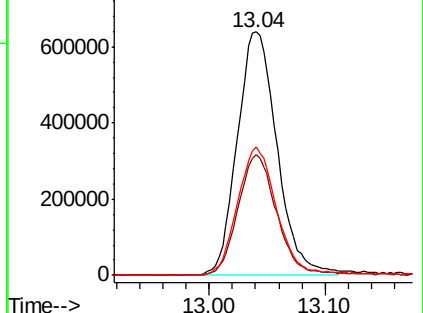
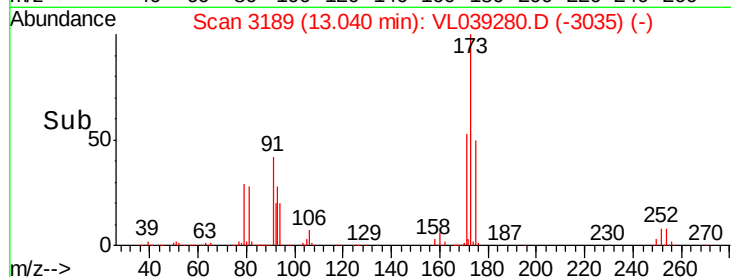
171 52.6 43.9 65.9



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 8.847 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VL039280.D

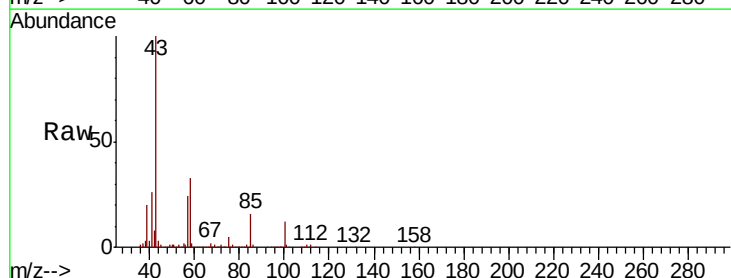
Acq: 14 Jun 2022 13:18

Tgt Ion: 43 Resp: 2498714

Ion Ratio Lower Upper

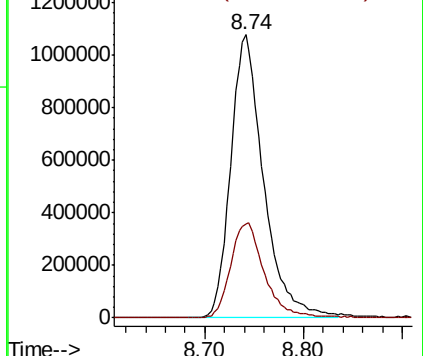
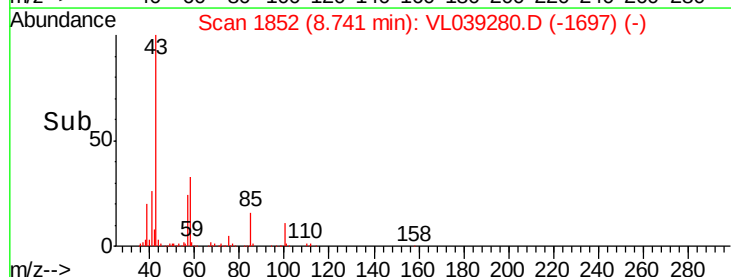
43 100

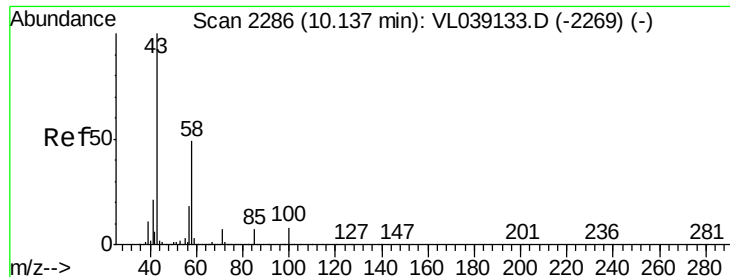
58 35.0 28.7 43.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

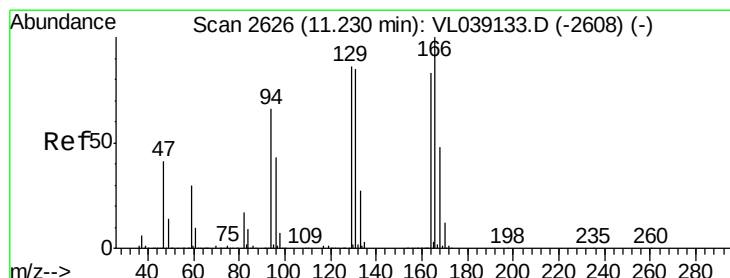
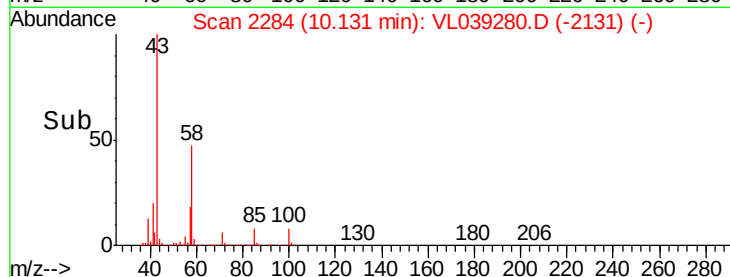
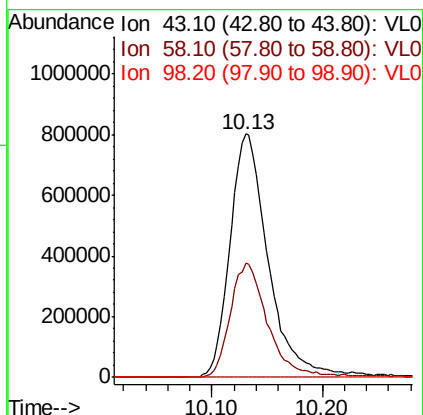
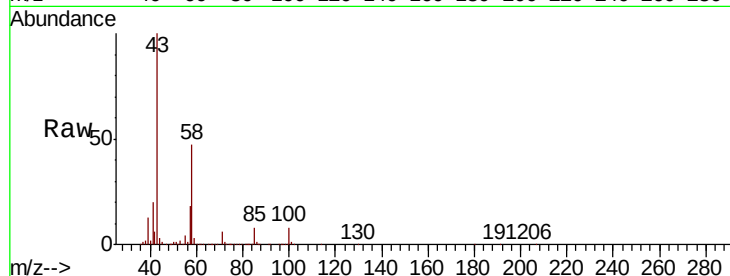
Ion 58.10 (57.80 to 58.80): VL0





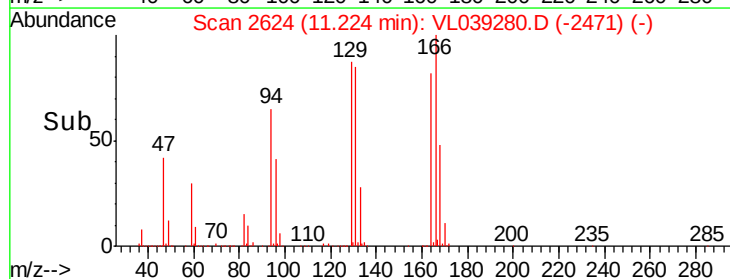
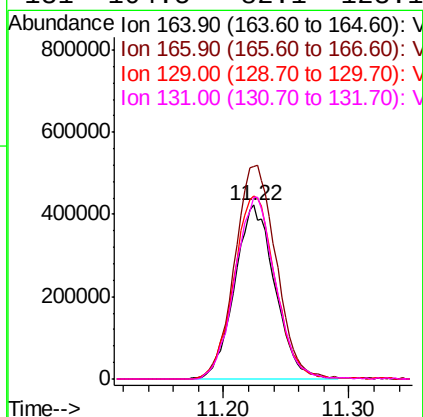
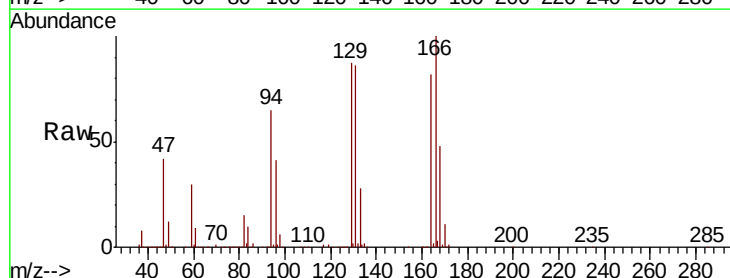
#51
2-Hexanone
Concen: 8.679 ppbv
RT: 10.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Jun 2022 13:18

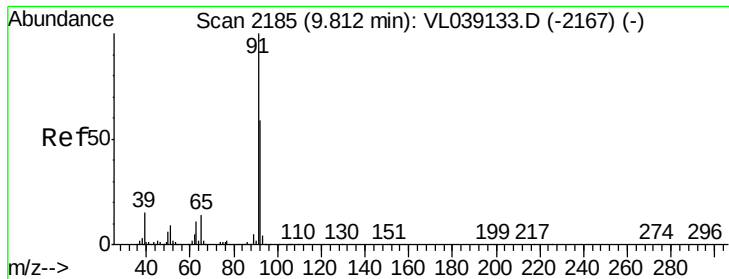
Tot Ion: 43 Resp: 1907535
Ion Ratio Lower Upper
43 100
58 47.0 40.0 60.0
98 0.4 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.503 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Tgt Ion: 164 Resp: 936176
Ion Ratio Lower Upper
164 100
166 122.0 96.3 144.5
129 105.6 82.5 123.7
131 104.5 82.1 123.1





#53

Toluene

Concen: 8.894 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

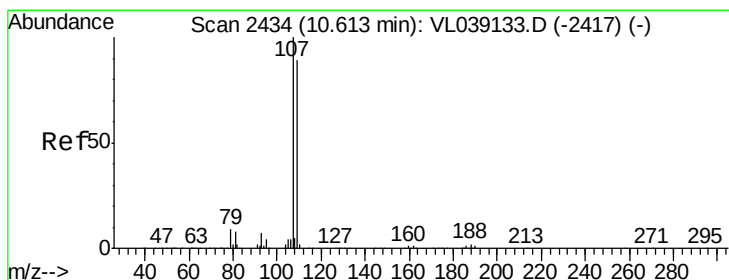
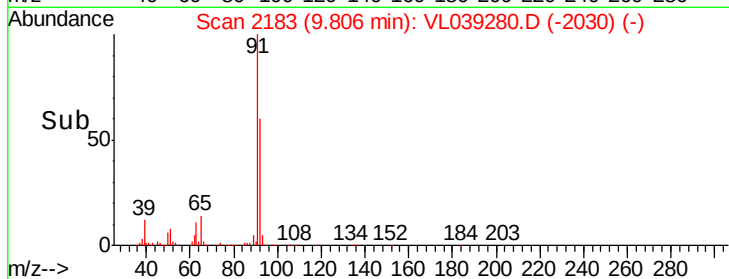
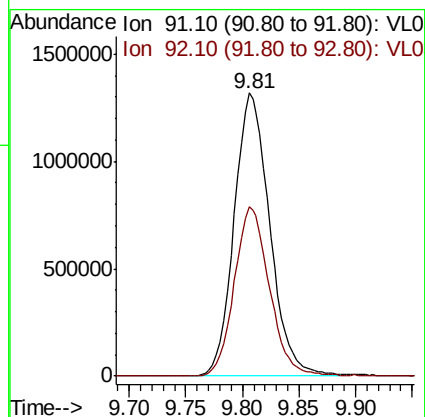
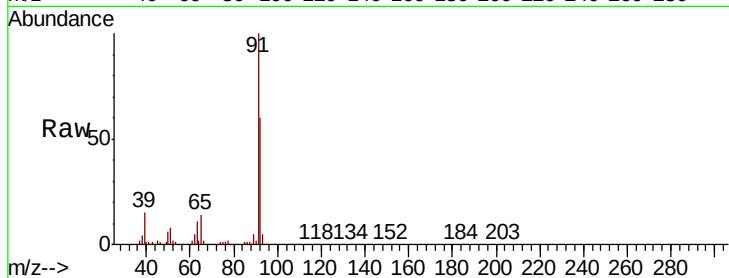
Acq: 14 Jun 2022 13:18 VSTDCCC010

Tot Ion: 91 Resp: 2887944

Ion Ratio Lower Upper

91 100

92 59.3 48.1 72.1



#54

1,2-Dibromoethane

Concen: 8.659 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. -0.00 min

Lab File: VL039280.D

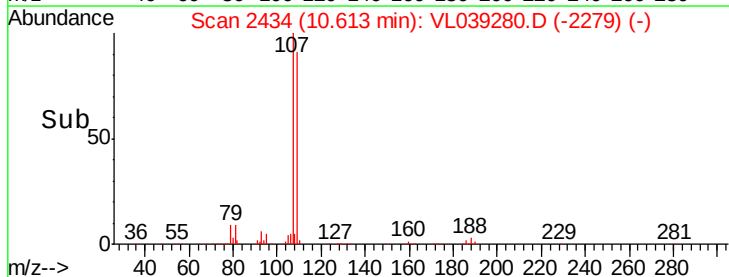
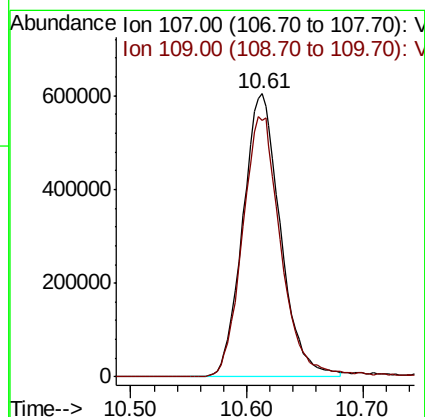
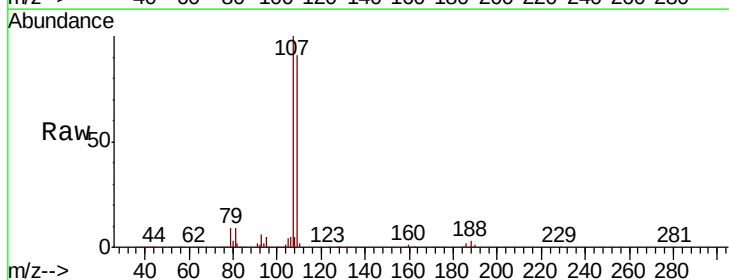
Acq: 14 Jun 2022 13:18

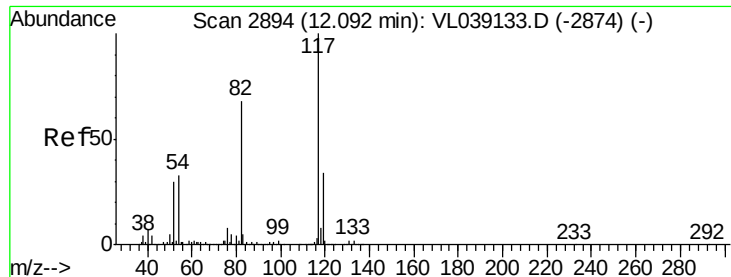
Tgt Ion: 107 Resp: 1361468

Ion Ratio Lower Upper

107 100

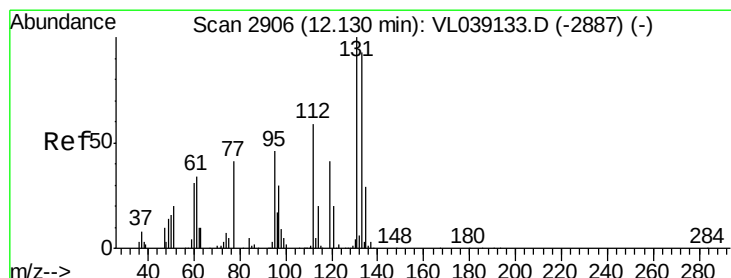
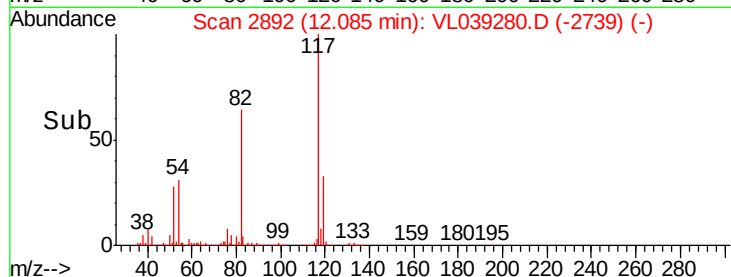
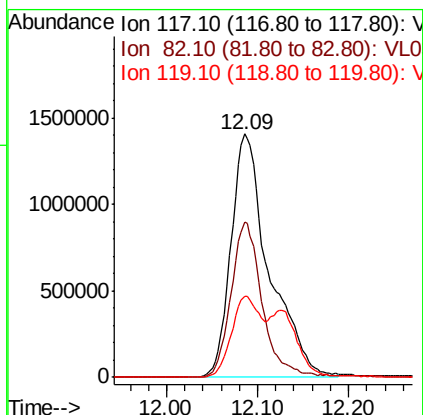
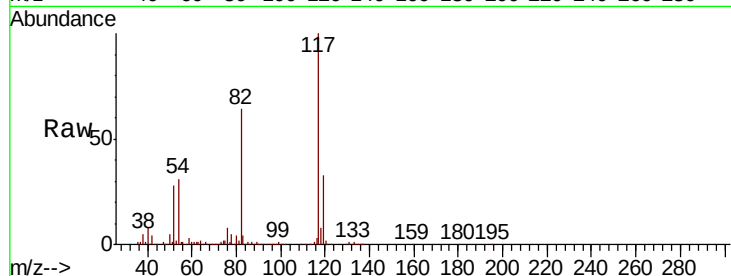
109 90.7 71.4 107.0





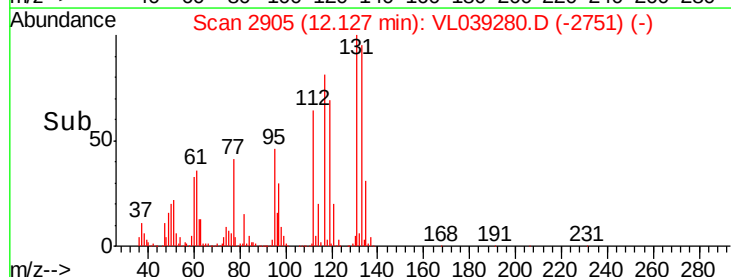
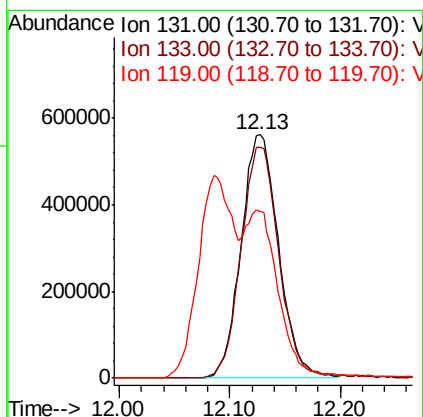
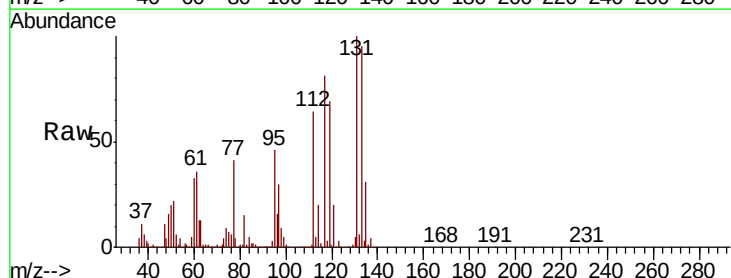
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 14 Jun 2022 13:18

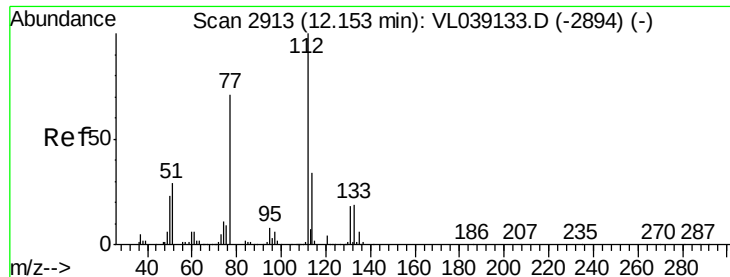
Tot Ion:117 Resp: 4092949
Ion Ratio Lower Upper
117 100
82 53.0 55.1 82.7#
119 25.4 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 6.852 ppbv
RT: 12.13 min Scan# 2905
Delta R.T.: -0.00 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Tgt Ion:131 Resp: 1326960
Ion Ratio Lower Upper
131 100
133 96.5 78.6 117.8
119 65.1 51.7 77.5





#57

Chlorobenzene

Concen: 7.136 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Jun 2022 13:18

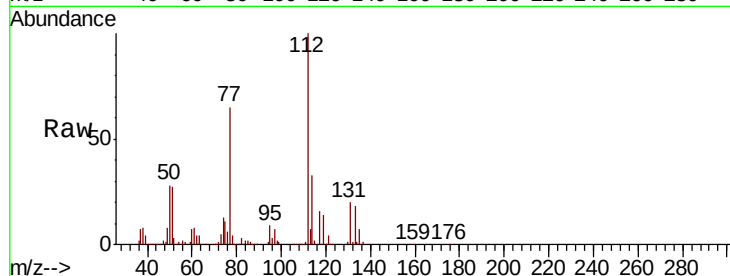
Tot Ion: 112 Resp: 2197616

Ion Ratio Lower Upper

112 100

77 64.0 56.5 84.7

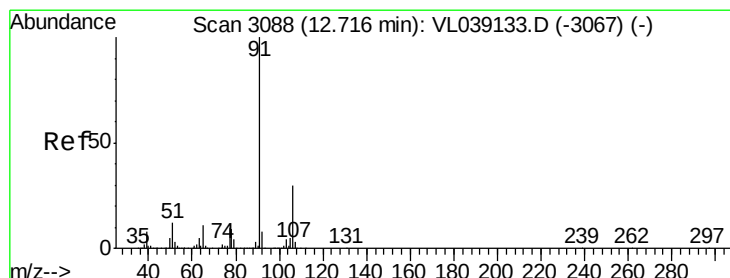
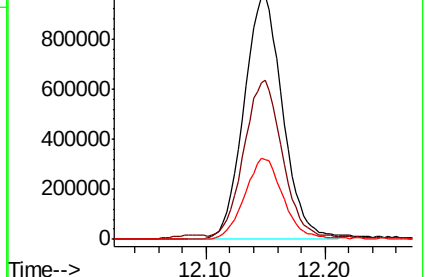
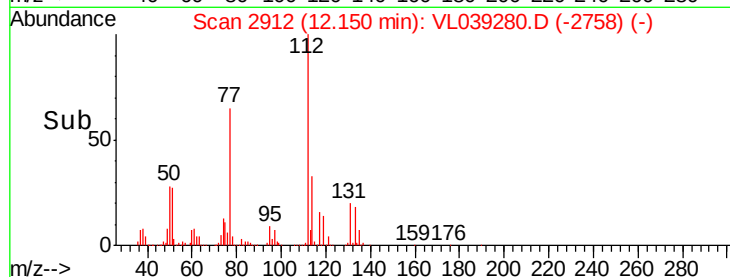
114 32.9 30.3 37.1



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: 6.942 ppbv

RT: 12.71 min Scan# 3086

Delta R.T. -0.01 min

Lab File: VL039280.D

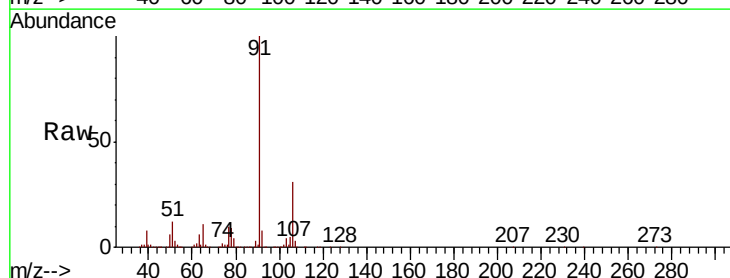
Acq: 14 Jun 2022 13:18

Tgt Ion: 91 Resp: 3913725

Ion Ratio Lower Upper

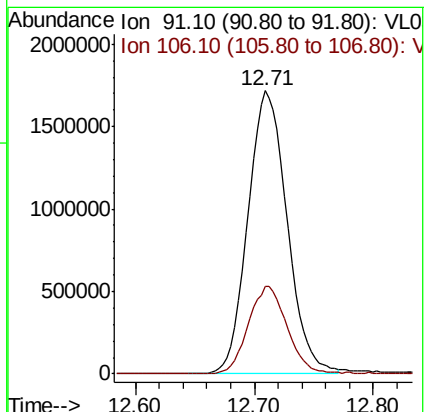
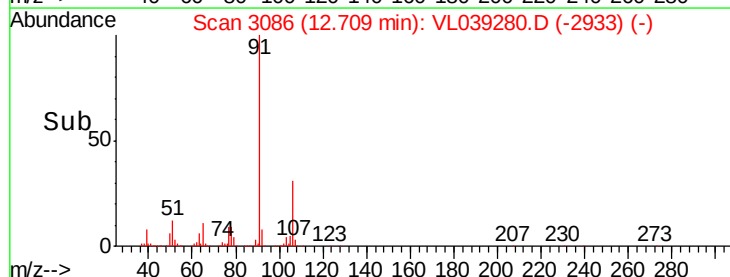
91 100

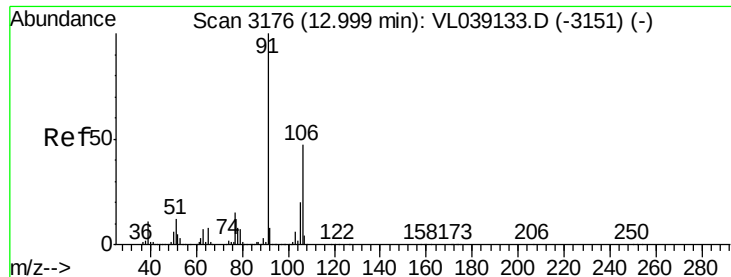
106 31.2 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

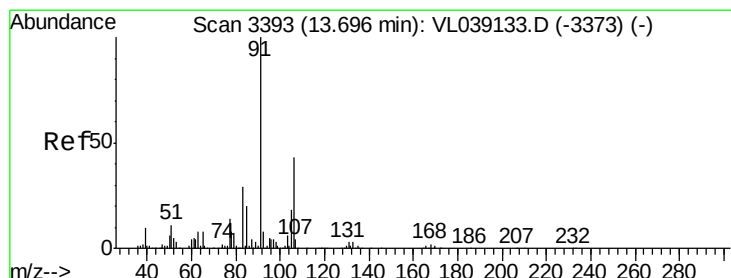
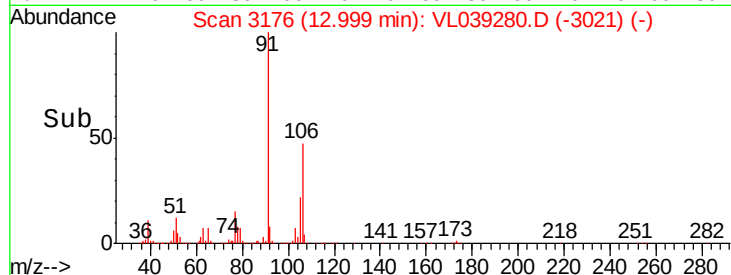
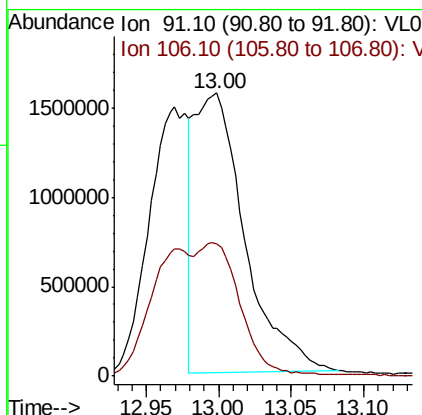
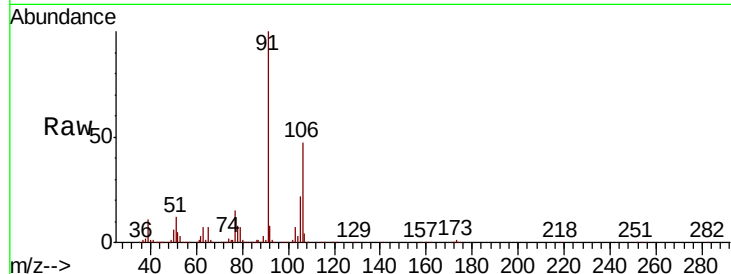
Ion 106.10 (105.80 to 106.80): V





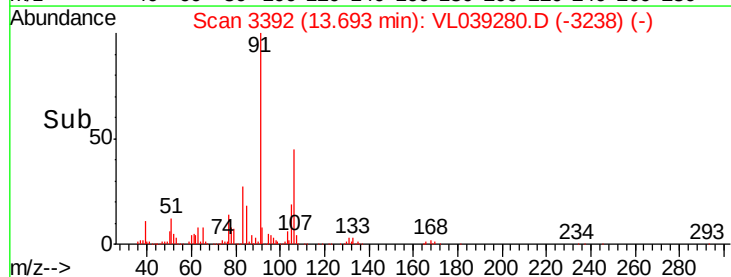
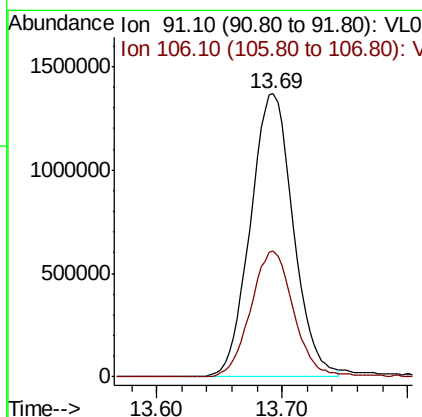
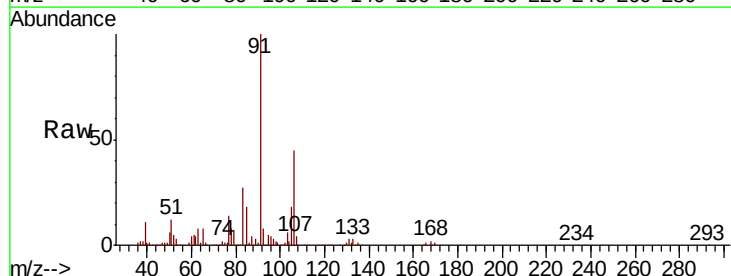
#59
m/p-Xylene
Concen: 7.588 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Jun 2022 13:18

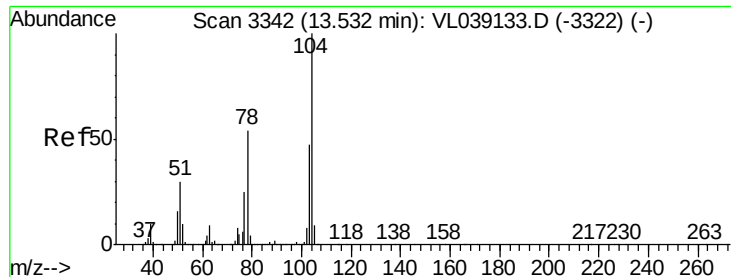
Tot Ion: 91 Resp: 3767223
Ion Ratio Lower Upper
91 100
106 80.2 34.3 51.5#



#60
o-Xylene
Concen: 6.961 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Tgt Ion: 91 Resp: 3247387
Ion Ratio Lower Upper
91 100
106 45.5 22.3 66.9

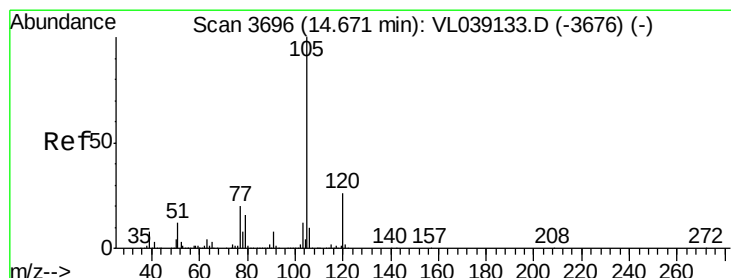
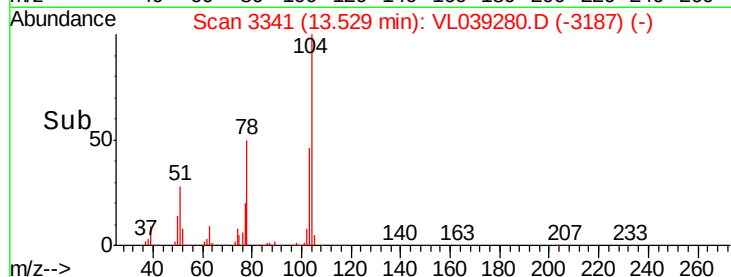
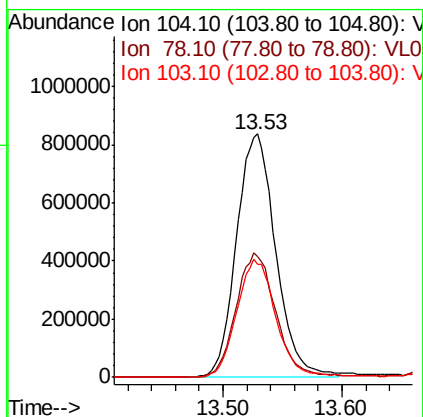
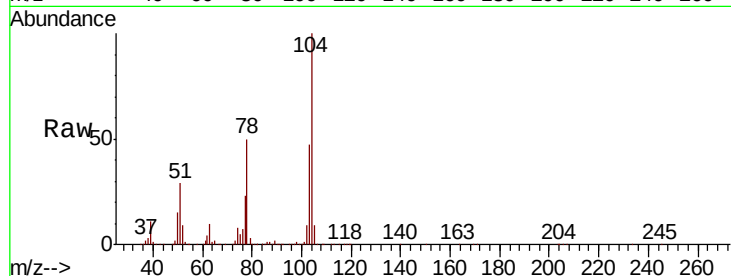




#61
Stvrene
Concen: 7.639 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Jun 2022 13:18

Tot Ion:104 Resp: 1908479

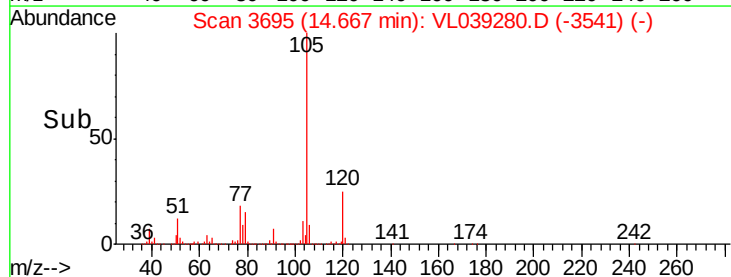
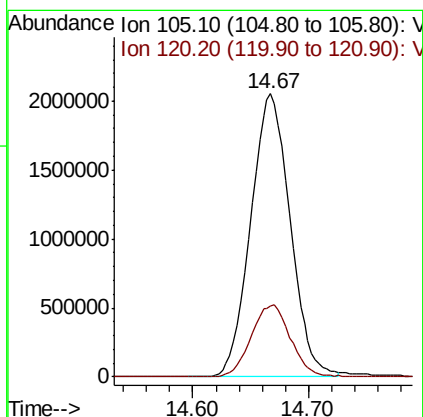
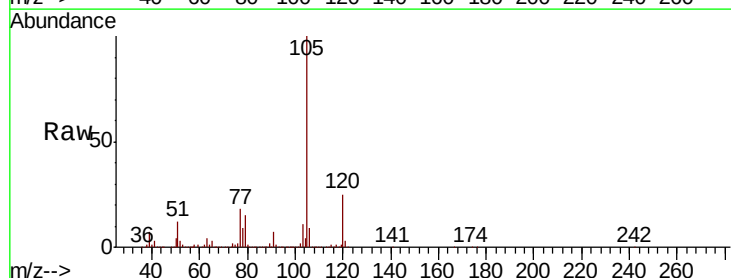
Ion	Ratio	Lower	Upper
104	100		
78	52.3	45.7	68.5
103	49.0	39.6	59.4

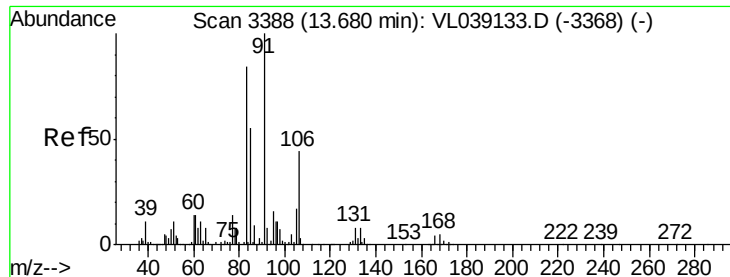


#62
Isopropylbenzene
Concen: 7.018 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Tgt Ion:105 Resp: 4866370

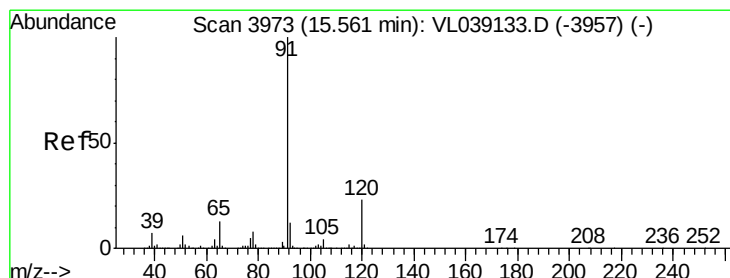
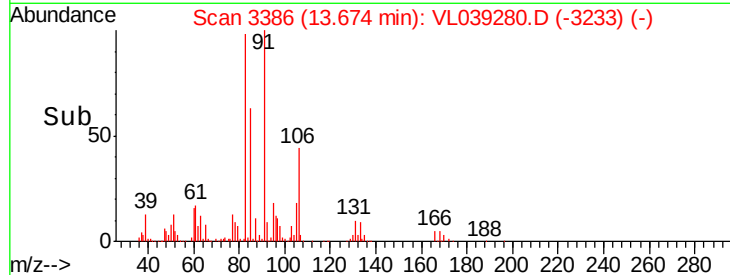
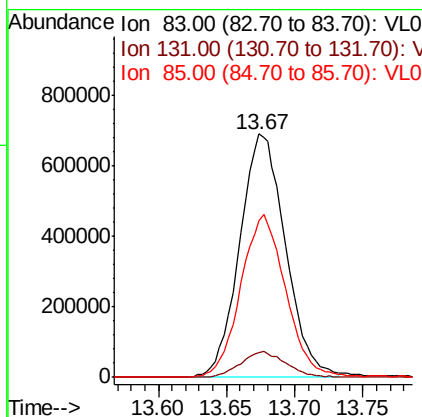
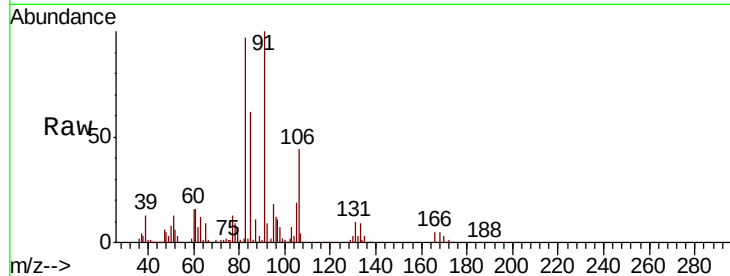
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.3	30.5





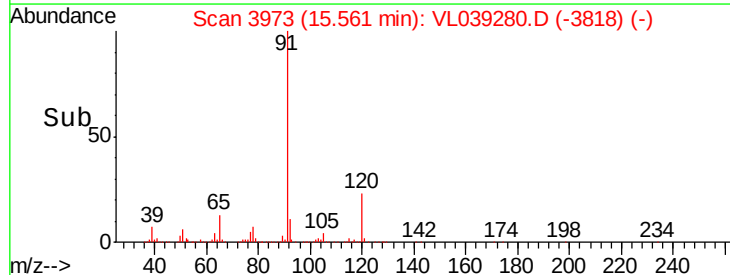
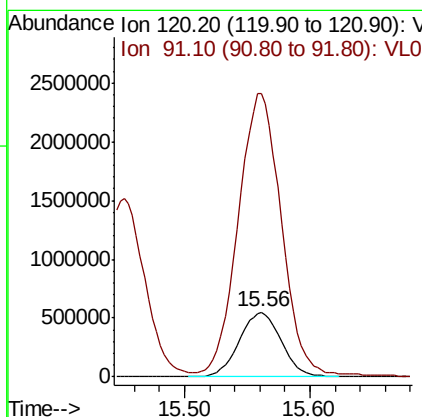
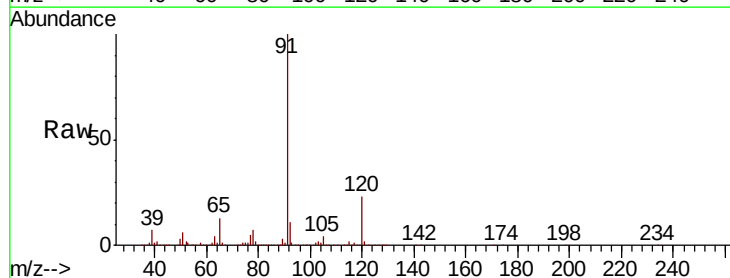
#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.143 ppbv
 RT: 13.67 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 14 Jun 2022 13:18

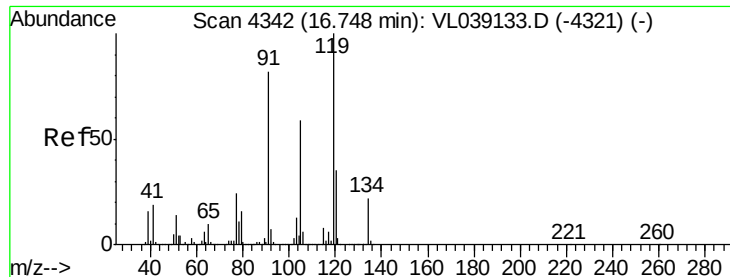
Tot Ion: 83 Resp: 1608653
 Ion Ratio Lower Upper
 83 100
 131 10.5 4.8 14.3
 85 66.4 33.0 99.0



#64
 n-propylbenzene
 Concen: 7.503 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. -0.00 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

Tgt Ion: 120 Resp: 1278815
 Ion Ratio Lower Upper
 120 100
 91 455.9 388.4 582.6

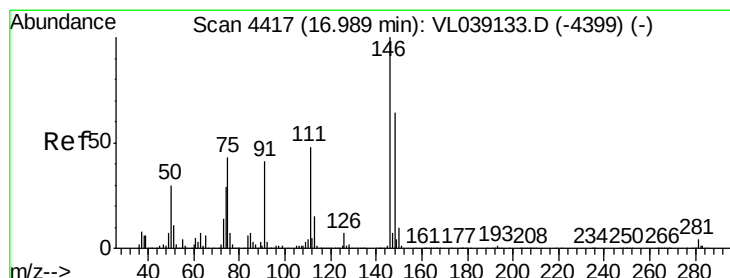
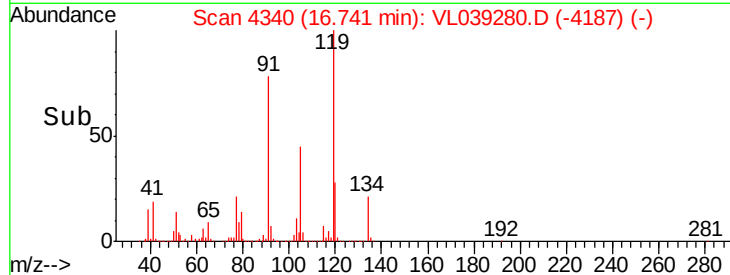
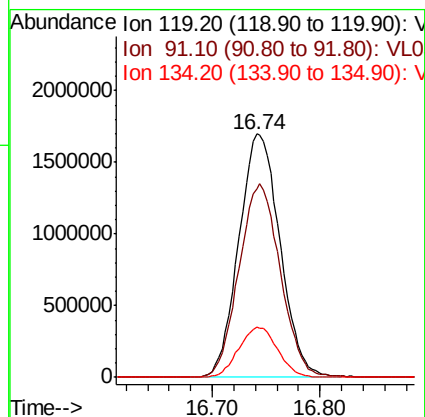
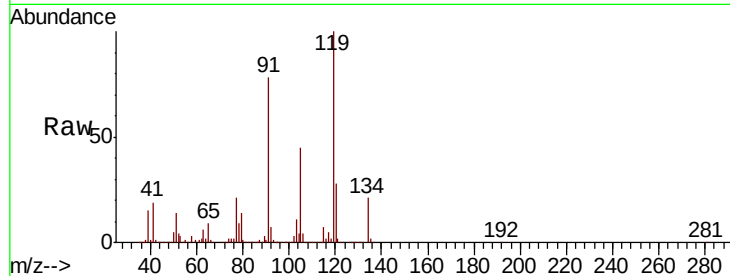




#65
 tert-Butylbenzene
 Concen: 7.071 ppbv
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 14 Jun 2022 13:18

Tot Ion: 119 Resp: 4483611

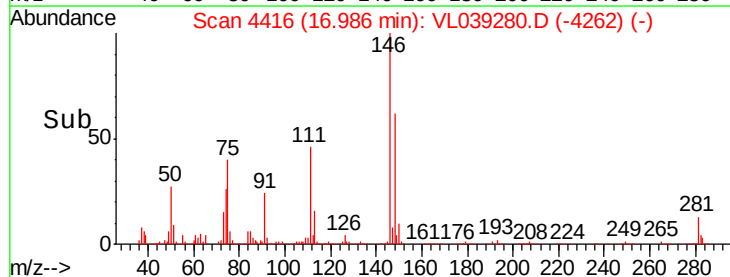
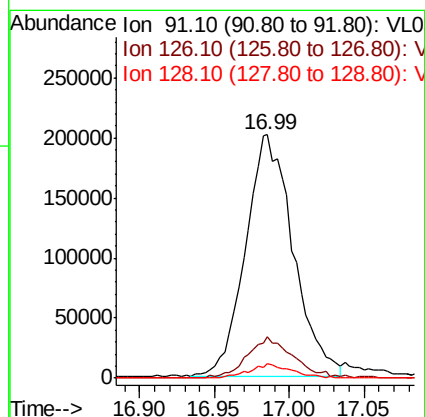
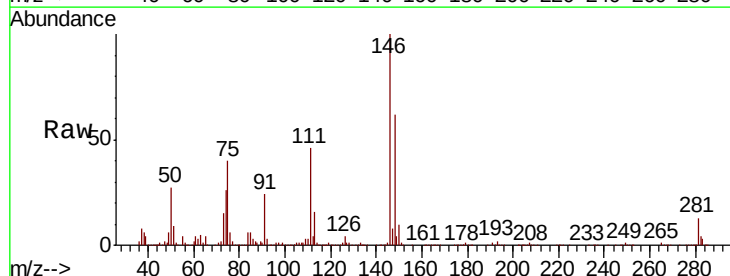
Ion	Ratio	Lower	Upper
119	100		
91	80.2	67.1	100.7
134	19.6	15.8	23.8

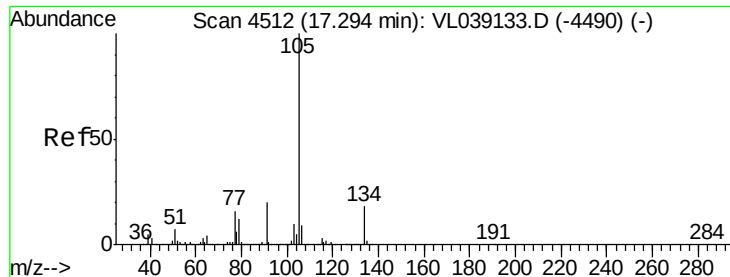


#66
 Benzyl Chloride
 Concen: 5.422 ppbv
 RT: 16.99 min Scan# 4416
 Delta R.T.: -0.00 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

Tgt Ion: 91 Resp: 446969

Ion	Ratio	Lower	Upper
91	100		
126	16.7	13.4	20.0
128	5.3	4.1	6.1





#67

sec-Butylbenzene

Concen: 7.065 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

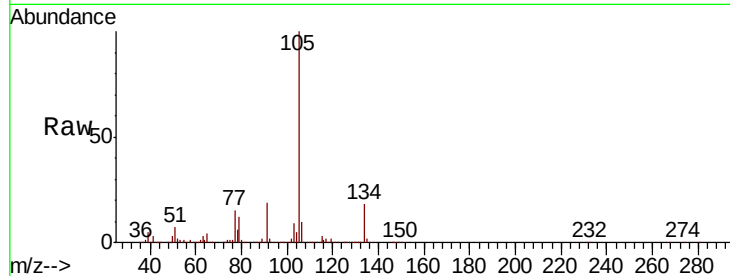
Acq: 14 Jun 2022 13:18

Tot Ion:105 Resp: 6112038

Ion Ratio Lower Upper

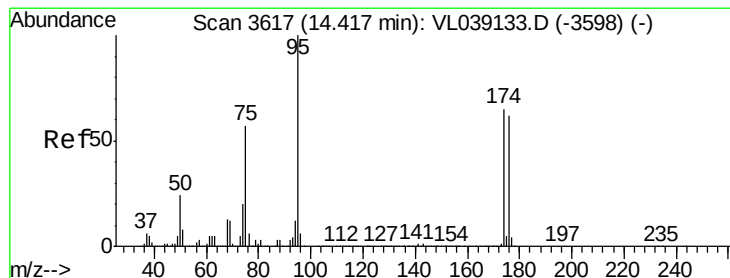
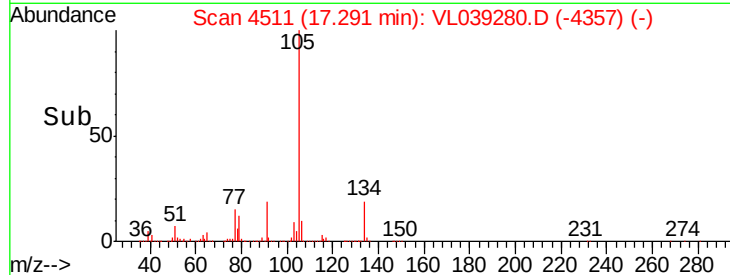
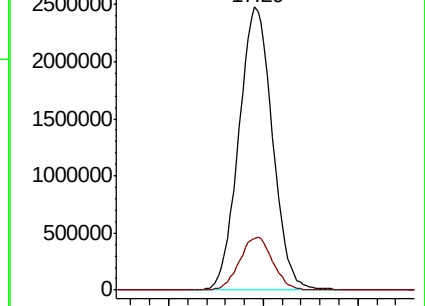
105 100

134 18.5 14.4 21.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 7.992 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.00 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

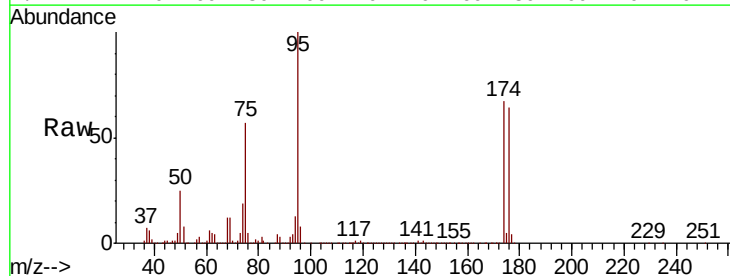
Tgt Ion: 95 Resp: 2704237

Ion Ratio Lower Upper

95 100

174 69.4 53.8 80.8

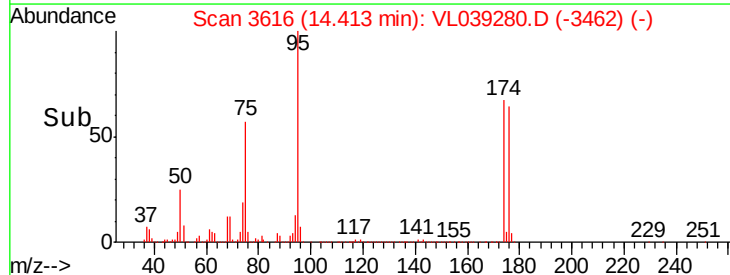
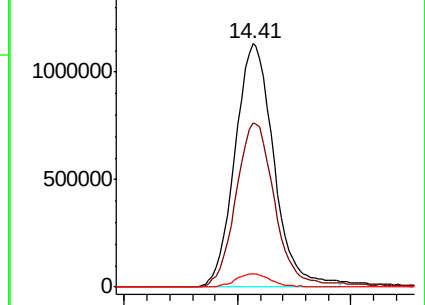
175 5.3 4.1 6.1

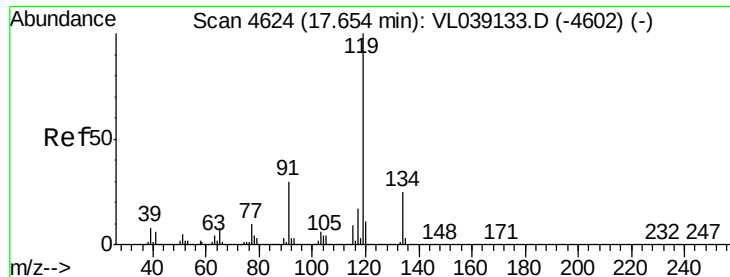


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#69

p-Isopropyltoluene

Concen: 7.247 ppbv

RT: 17.65

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Jun 2022 13:18

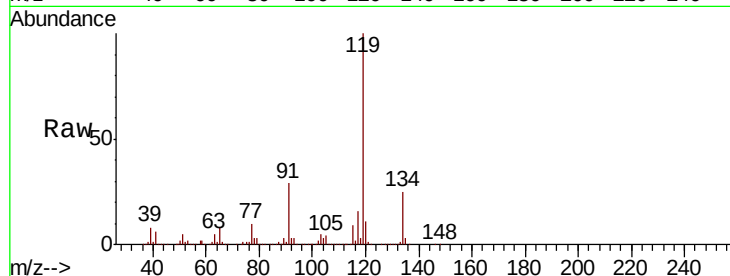
Tot Ion: 119 Resp: 5289195

Ion Ratio Lower Upper

119 100

134 24.8 20.4 30.6

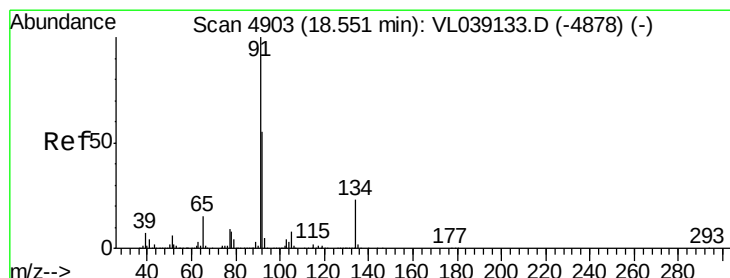
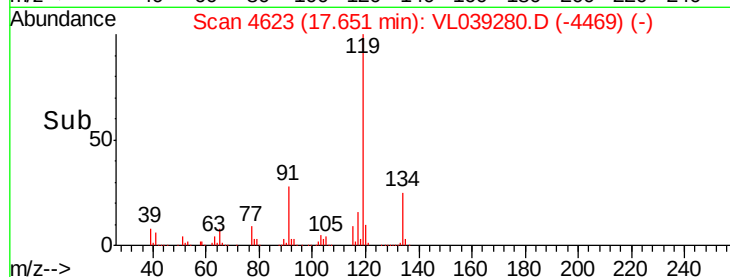
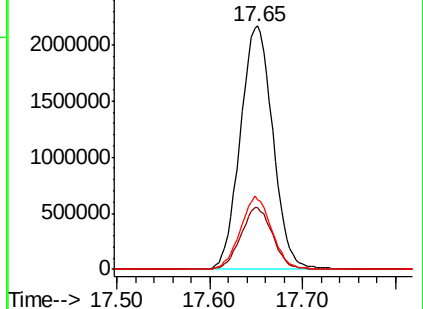
91 28.6 24.2 36.4



Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V



#70

n-Butylbenzene

Concen: 6.913 ppbv

RT: 18.55 min Scan# 4902

Delta R.T. -0.00 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

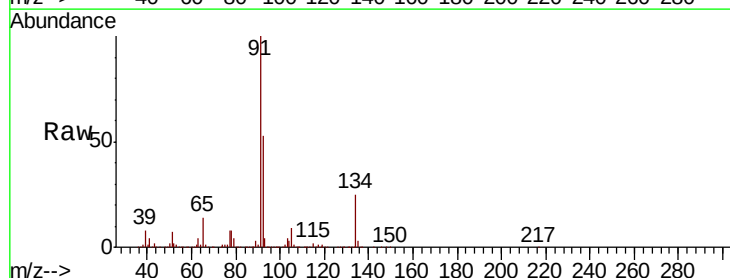
Tgt Ion: 91 Resp: 5178912

Ion Ratio Lower Upper

91 100

92 53.9 43.6 65.4

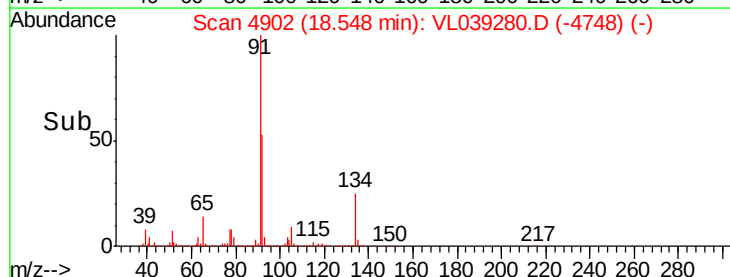
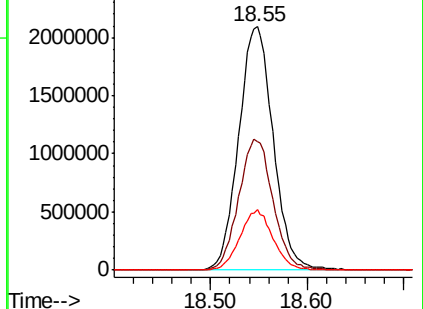
134 23.7 17.7 26.5

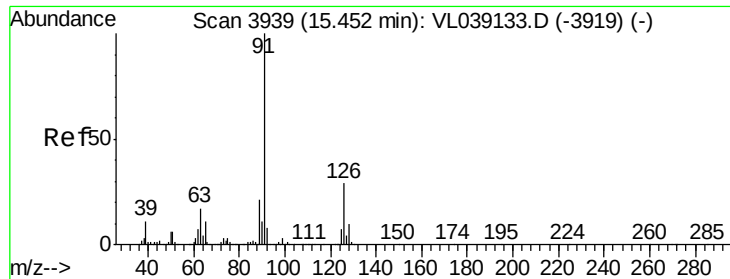


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

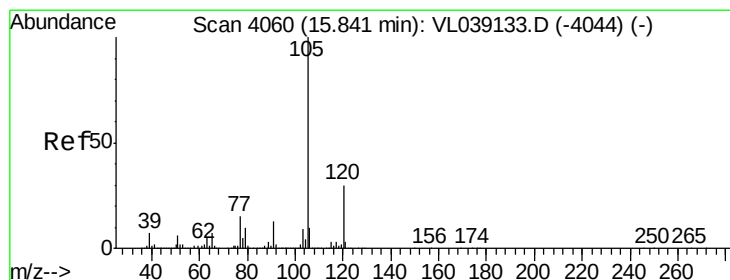
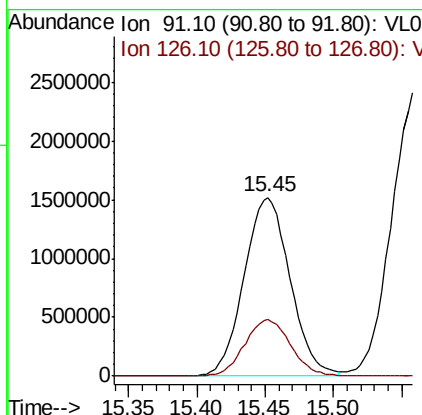
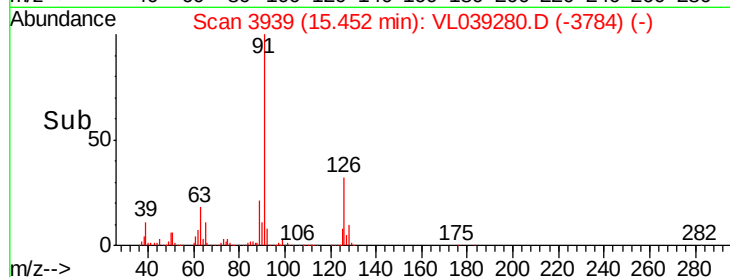
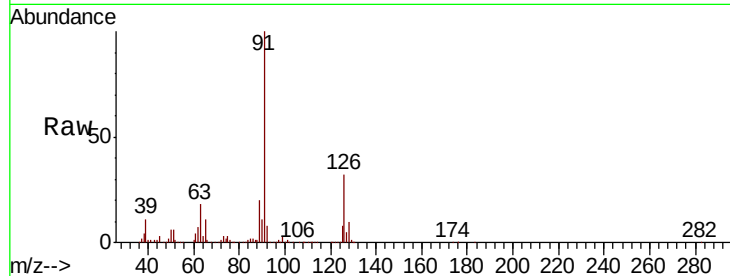
Ion 134.20 (133.90 to 134.90): V





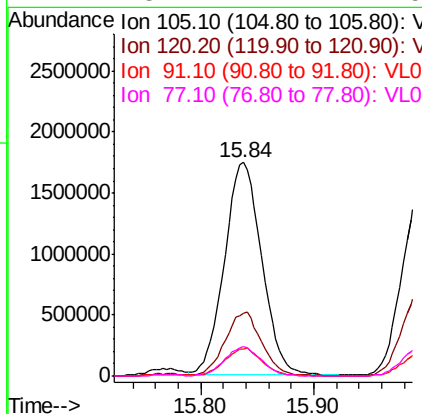
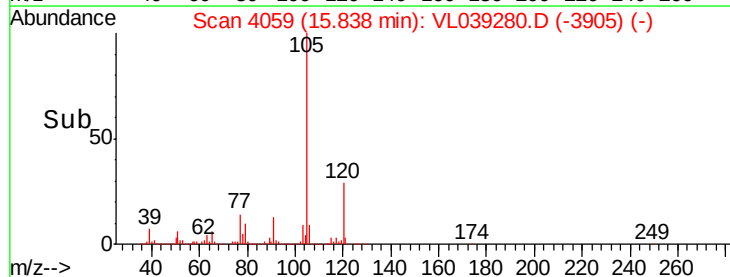
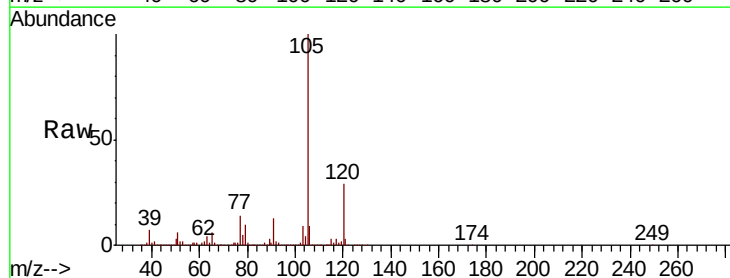
#71
 2-Chlorotoluene
 Concen: 6.725 ppbv
 RT: 15.45
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 14 Jun 2022 13:18

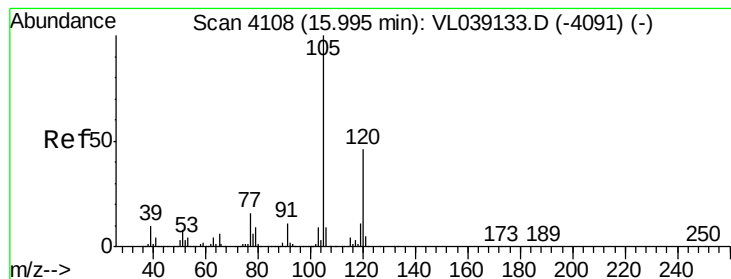
Tot Ion: 91 Resp: 3555824
 Ion Ratio Lower Upper
 91 100
 126 32.3 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 7.317 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. -0.00 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

Tgt Ion:105 Resp: 4000848
 Ion Ratio Lower Upper
 105 100
 120 29.7 23.9 35.9
 91 12.9 10.6 16.0
 77 13.7 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 7.340 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

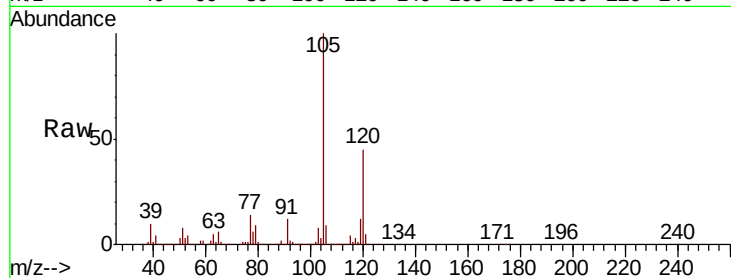
Acq: 14 Jun 2022 13:18

Tot Ion:105 Resp: 3619528

Ion Ratio Lower Upper

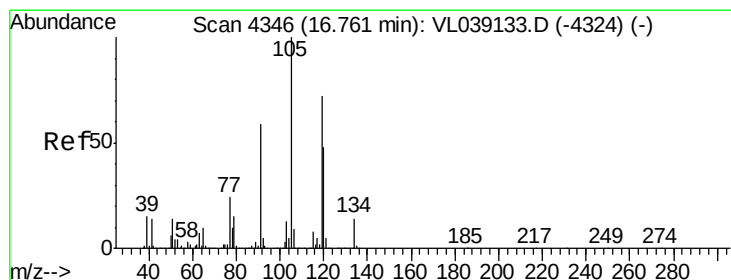
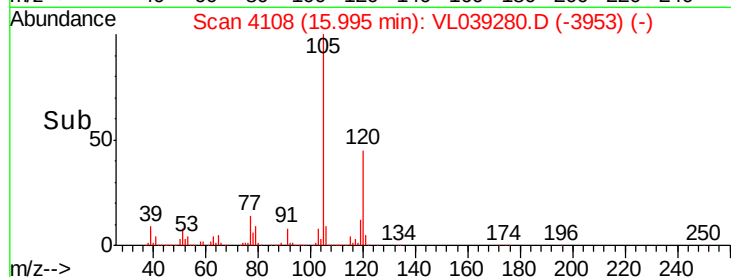
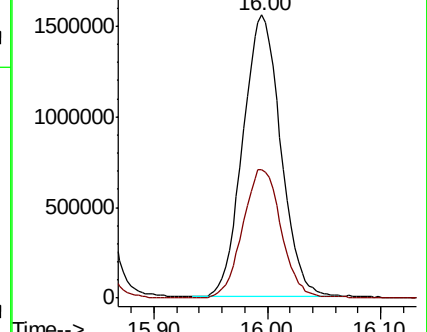
105 100

120 45.5 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: 7.115 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. -0.00 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

Tgt Ion:105 Resp: 3915599

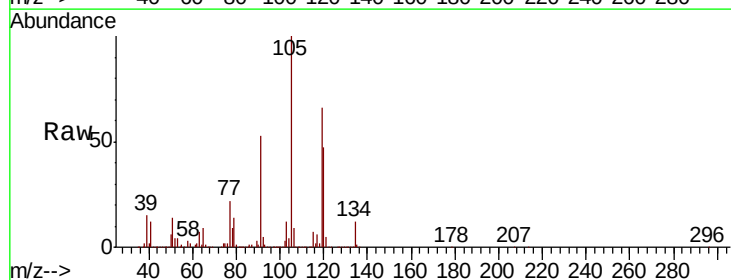
Ion Ratio Lower Upper

105 100

120 47.4 38.1 57.1

91 53.2 47.4 71.0

77 22.2 19.5 29.3

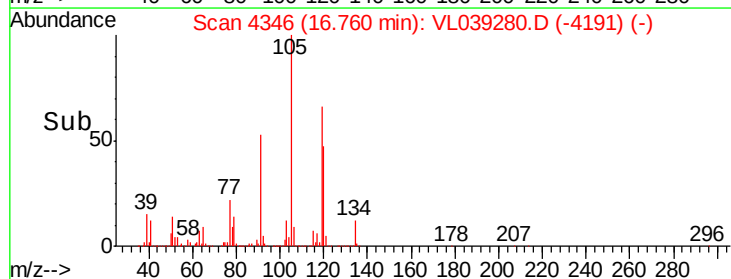
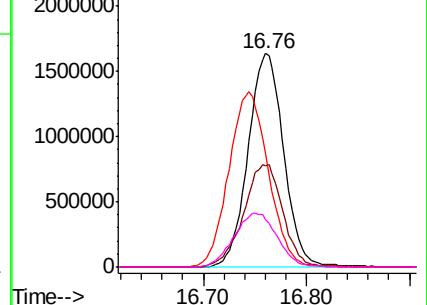


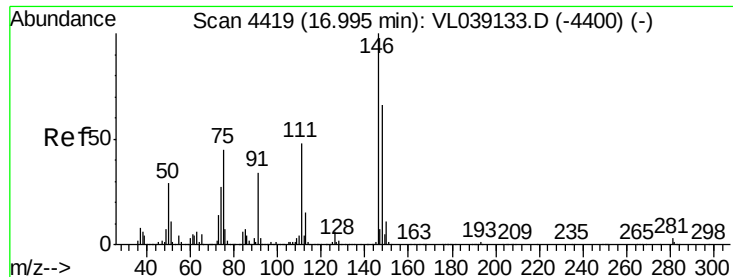
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

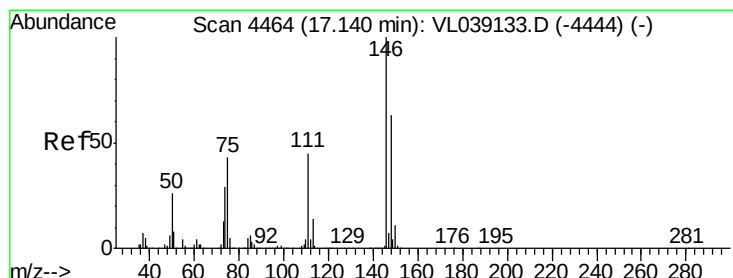
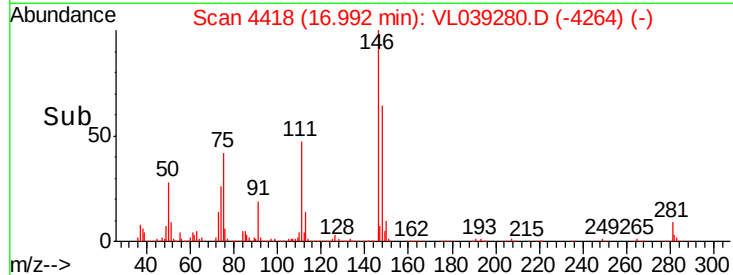
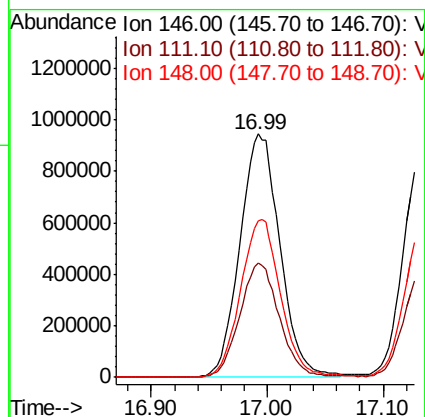
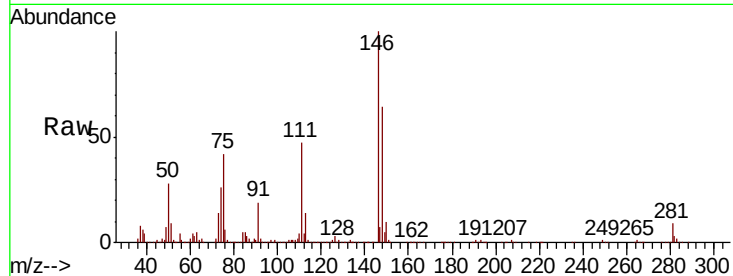
Ion 77.10 (76.80 to 77.80): VL0





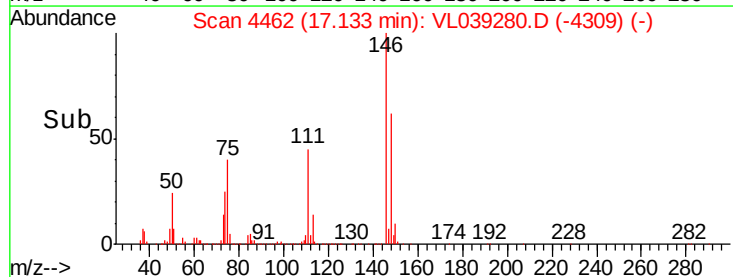
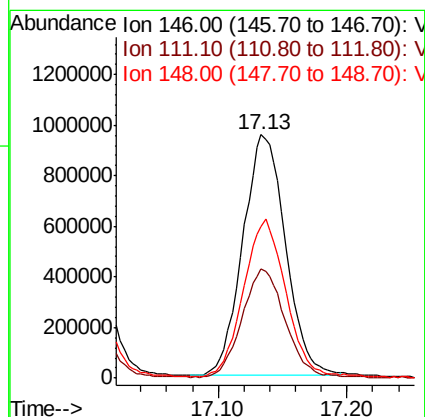
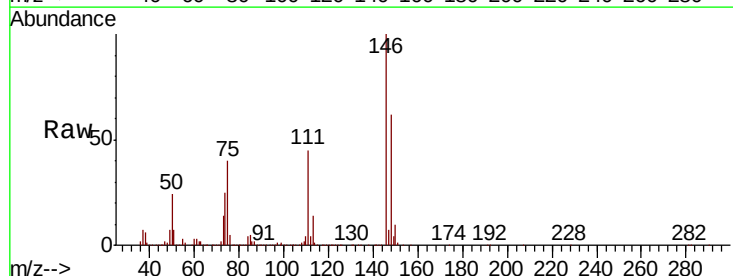
#75
 1,3-Dichlorobenzene
 Concen: 7.283 ppbv
 RT: 16.99 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010
 Acq: 14 Jun 2022 13:18

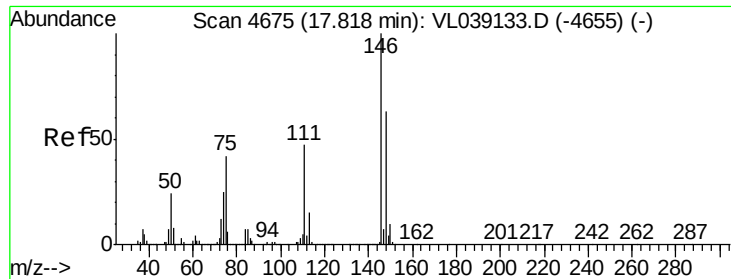
Tot Ion:146 Resp: 2268777
 Ion Ratio Lower Upper
 146 100
 111 46.5 23.8 71.4
 148 64.8 32.4 97.0



#76
 1,4-Dichlorobenzene
 Concen: 7.079 ppbv
 RT: 17.13 min Scan# 4462
 Delta R.T. -0.01 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

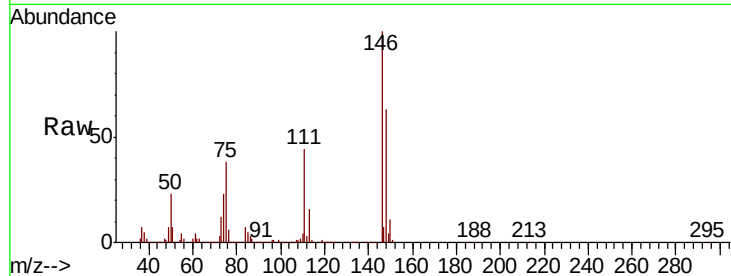
Tgt Ion:146 Resp: 2200129
 Ion Ratio Lower Upper
 146 100
 111 46.6 23.6 71.0
 148 67.4 33.7 101.0



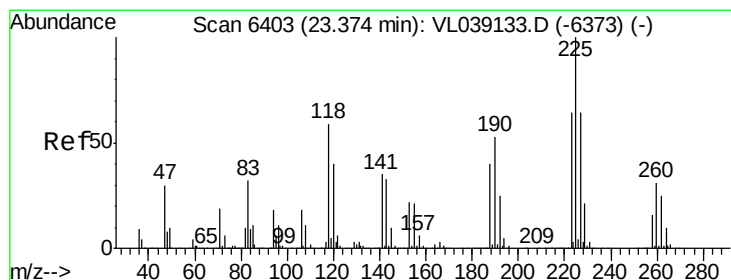
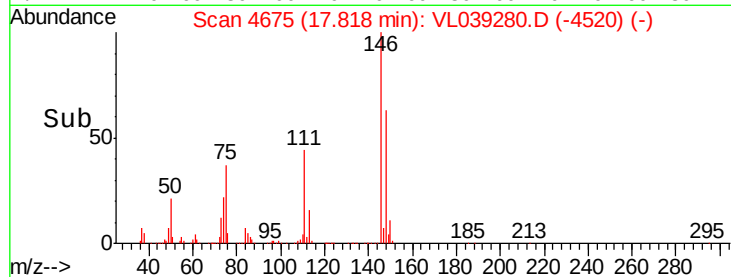
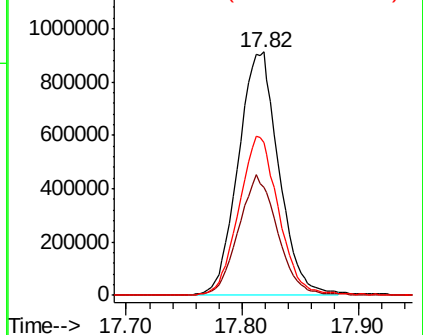


#77
 1,2-Dichlorobenzene
 Concen: 7.013 ppbv
 RT: 17.82
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 14 Jun 2022 13:18

Tot Ion:146 Resp: 2201637
 Ion Ratio Lower Upper
 146 100
 111 48.1 24.4 73.4
 148 65.0 32.1 96.5

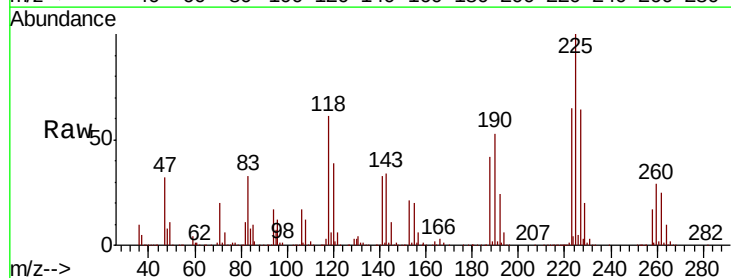


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

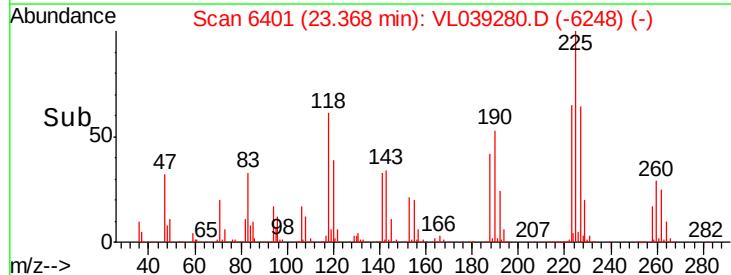
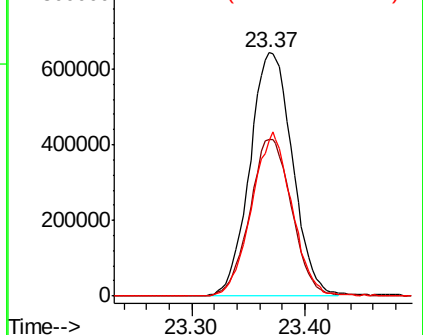


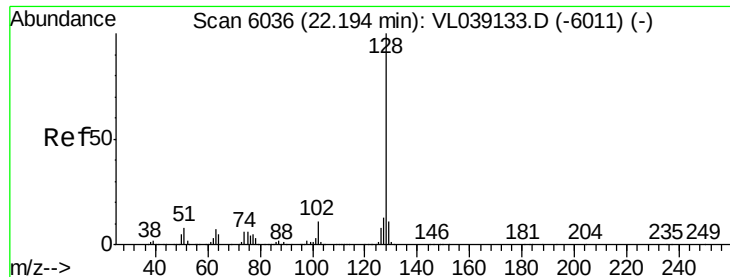
#78
 Hexachloro-1,3-Butadiene
 Concen: 5.855 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. -0.01 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

Tgt Ion:225 Resp: 1680850
 Ion Ratio Lower Upper
 225 100
 223 63.9 51.4 77.0
 227 63.9 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: 7.616 ppbv

RT: 22.19

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Jun 2022 13:18 VSTDCCC010

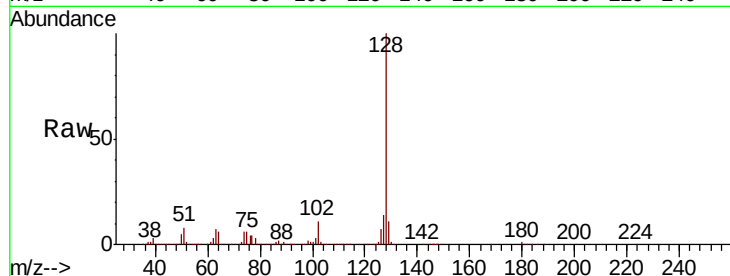
Tot Ion:128 Resp: 3226466

Ion Ratio Lower Upper

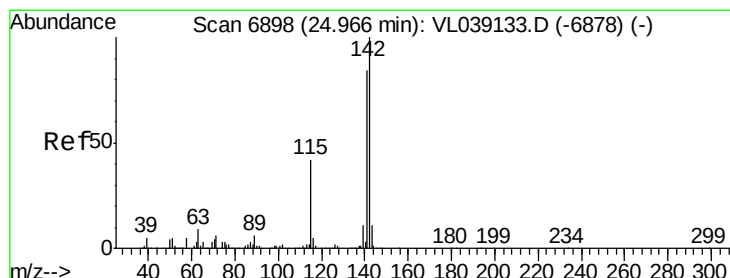
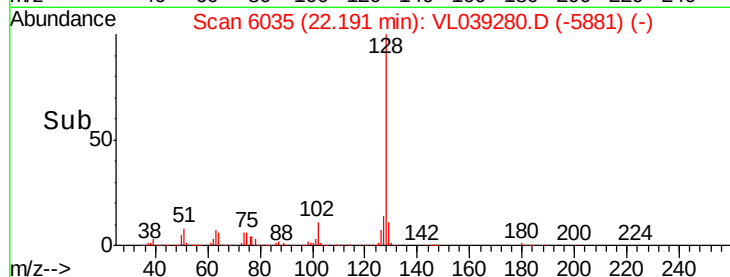
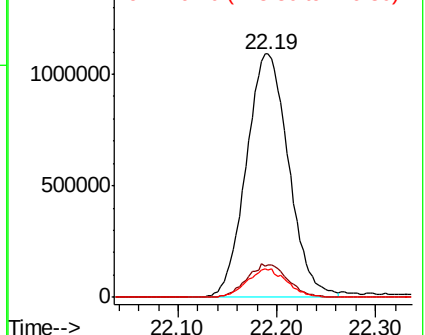
128 100

127 13.6 10.4 15.6

129 11.5 9.0 13.6



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 6.138 ppbv

RT: 24.97 min Scan# 6898

Delta R.T. -0.00 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

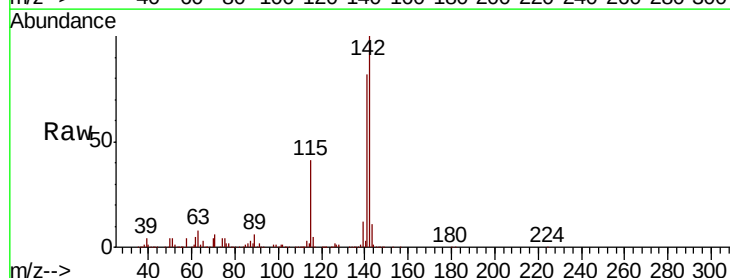
Tgt Ion:142 Resp: 966088

Ion Ratio Lower Upper

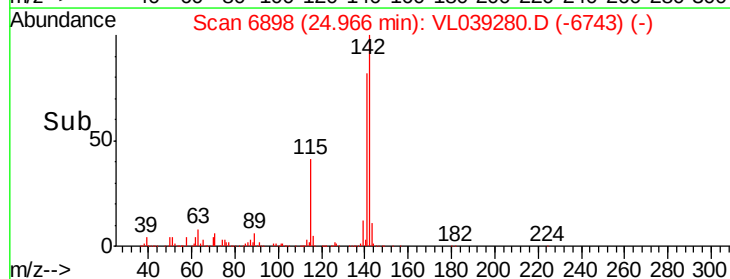
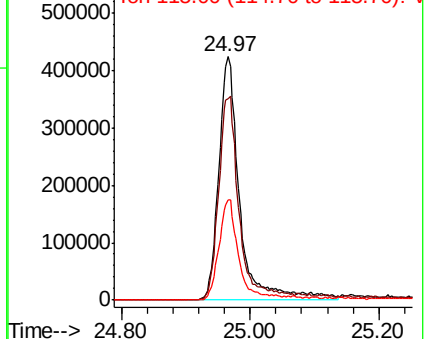
142 100

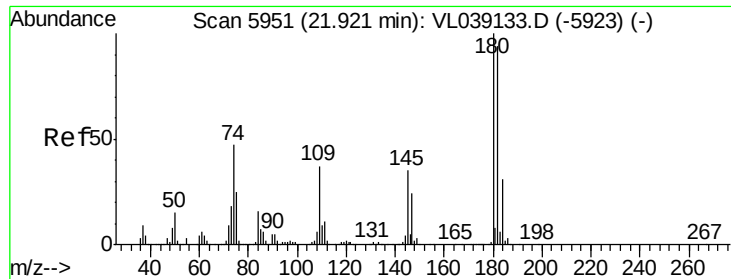
141 83.6 64.6 96.8

115 41.8 32.7 49.1



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 7.041 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 14 Jun 2022 15:18

Tot Ion:180 Resp: 1889613
 Ion Ratio Lower Upper
 180 100
 182 95.8 0.0 0.0#
 184 30.0 0.0 0.0#

