

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081722\
 Data File : VL039543.D
 Acq On : 17 Aug 2022 8:10
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 ICVVL081722

Quant Time: Aug 17 08:39:57 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 08:08:40 2022
 QLast Update : Wed Aug 17 08:08:40 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.20	49	1160113	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	3011865	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	3528279	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	2241932	8.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.75	85	1206876	7.429 ppbv	99
3) Chlorodifluoromethane	2.70	51	1205488	8.473 ppbv	98
4) Chloromethane	2.83	50	735298	8.958 ppbv	94
5) Vinyl Chloride	2.94	62	634501	8.630 ppbv	99
6) Bromomethane	3.14	94	246177	8.048 ppbv	94
7) Chloroethane	3.22	64	227518	8.546 ppbv	100
8) Dichlorotetrafluoroethane	2.88	85	1524809	8.804 ppbv	97
9) Propene	2.71	41	588376	9.089 ppbv	99
10) Heptane	7.59	43	1397289	9.283 ppbv	98
11) Trichlorofluoromethane	3.58	101	1459982	8.252 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.08	101	1096736	8.421 ppbv	98
13) Ethanol	3.26	45	40993	9.837 ppbv	99
14) Bromoethene	3.39	108	464846	8.557 ppbv	98
15) Acetone	3.49	43	1099780	8.286 ppbv	99
16) 1,3-Butadiene	3.00	39	612155	8.838 ppbv	98
17) tert-Butyl alcohol	3.89	59	1079692	9.698 ppbv	100
18) 1,1-Dichloroethene	3.90	96	498098	8.560 ppbv	95
19) Isopropyl Alcohol	3.59	45	614694	9.085 ppbv #	100
20) Methylene Chloride	3.95	84	428725	8.039 ppbv	97
21) Allyl Chloride	4.01	41	795250	8.890 ppbv	99
22) trans-1,2-Dichloroethene	4.46	96	508806	8.988 ppbv	98
23) Vinyl Acetate	4.64	43	521223	7.166 ppbv #	96
24) 1,1-Dichloroethane	4.58	63	1029003	8.502 ppbv	99
25) Ethyl Acetate	5.22	43	2526872	9.140 ppbv	99
26) Hexane	5.23	57	1037411	9.237 ppbv	98
27) Carbon Disulfide	4.14	76	1158717	9.074 ppbv	99
28) Methyl tert-Butyl Ether	4.60	73	913046	8.503 ppbv	99
29) Chloroform	5.28	83	1560272	8.424 ppbv	98
30) Cyclohexane	6.61	84	882142	9.116 ppbv #	100
31) cis-1,2-Dichloroethene	5.09	61	1020093	9.014 ppbv	98
32) 1,1,1-Trichloroethane	6.01	97	1515147	8.666 ppbv	99
34) 2-Butanone	4.80	43	1314272	8.779 ppbv	98
35) Carbon Tetrachloride	6.50	117	1573613	9.041 ppbv	99
36) Benzene	6.38	78	2216437	9.599 ppbv	97
37) 1,2-Dichloroethane	5.82	62	1179147	8.968 ppbv	100
38) Trichloroethene	7.30	130	1209603	9.732 ppbv	99
39) 1,2-Dichloropropane	7.08	63	838635	9.699 ppbv	98
40) 1,4-Dioxane	7.29	88	320862	9.422 ppbv	98
41) Tetrahydrofuran	5.57	42	894553	10.122 ppbv	100
42) Bromodichloromethane	7.26	83	1667790	9.392 ppbv	97
43) Methyl Methacrylate	7.48	69	854326	9.989 ppbv	99

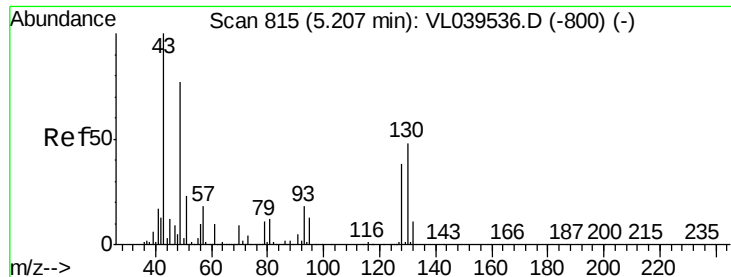
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081722\
 Data File : VL039543.D
 Acq On : 17 Aug 2022 8:10
 Operator : SY/AP
 Sample : VSTDICV010
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Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL081722

Quant Time: Aug 17 08:39:57 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 08:08:40 2022
 QLast Update : Wed Aug 17 08:08:40 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.33	57	3687469	9.451	ppbv	98
45) t-1,3-Dichloropropene	8.71	75	845617	11.496	ppbv	95
46) cis-1,3-Dichloropropene	8.15	75	1126641	10.880	ppbv	97
47) 1,1,2-Trichloroethane	8.90	97	888457	9.207	ppbv	96
48) Dibromochloromethane	9.71	129	1466722	9.819	ppbv	99
49) Bromoform	12.41	173	1218981	9.969	ppbv #	100
50) 4-Methyl-2-Pentanone	8.19	43	2274581	10.036	ppbv	98
51) 2-Hexanone	9.56	43	1773637	10.330	ppbv #	98
52) Tetrachloroethene	10.62	164	811380	8.986	ppbv	98
53) Toluene	9.23	91	2595666	9.943	ppbv	99
54) 1,2-Dibromoethane	10.01	107	1074323	9.347	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.51	131	1067910	7.194	ppbv	96
57) Chlorobenzene	11.53	112	1930099	7.248	ppbv	99
58) Ethyl Benzene	12.09	91	3330768	7.790	ppbv	99
59) m/p-Xylene	12.37	91	3453302	9.102	ppbv #	100
60) o-Xylene	13.06	91	2690005	7.435	ppbv	100
61) Styrene	12.90	104	1630249	8.400	ppbv	99
62) Isopropylbenzene	14.03	105	3917001	7.151	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.05	83	1099172	6.128	ppbv	99
64) n-propylbenzene	14.92	120	1014316	7.224	ppbv	98
65) tert-Butylbenzene	16.09	119	3431669	6.897	ppbv	100
66) Benzyl Chloride	16.33	91	323251	7.510	ppbv #	91
67) sec-Butylbenzene	16.64	105	4819236	7.065	ppbv	100
69) p-Isopropyltoluene	17.00	119	4035053	7.045	ppbv	100
70) n-Butylbenzene	17.89	91	4014450	7.120	ppbv	100
71) 2-Chlorotoluene	14.80	91	2871415	7.264	ppbv	100
72) 4-Ethyltoluene	15.19	105	3164894	7.448	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.35	105	2801155	7.285	ppbv	94
74) 1,2,4-Trimethylbenzene	16.11	105	2994217	6.959	ppbv	95
75) 1,3-Dichlorobenzene	16.34	146	1801256	6.960	ppbv	99
76) 1,4-Dichlorobenzene	16.47	146	1763851	6.855	ppbv	98
77) 1,2-Dichlorobenzene	17.14	146	1716901	6.737	ppbv	100
78) Hexachloro-1,3-Butadiene	22.63	225	1421750	6.938	ppbv #	100
79) Naphthalene	21.38	128	2988281	9.891	ppbv	99
80) Naphthalene, 2-methyl-	24.37	142	1045312	9.285	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.14	180	1667648	8.399	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.20 Instrument: MSVOA_1

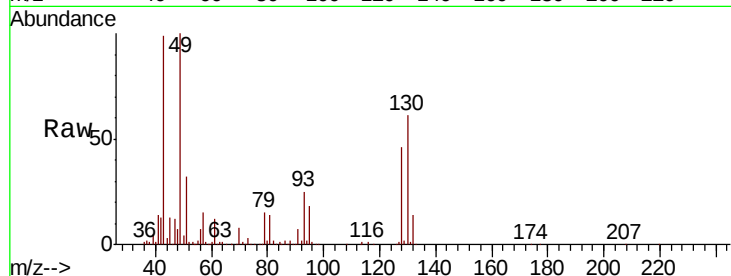
Delta R.T. ClientSampleId:

Lab File: ICVVL081722

Acq: 17 Aug 2022 8:10

Tot Ion: 49 Resp: 1160113

Ion	Ratio	Lower	Upper
49	100		
128	48.4	25.7	77.0
130	62.4	31.6	95.0

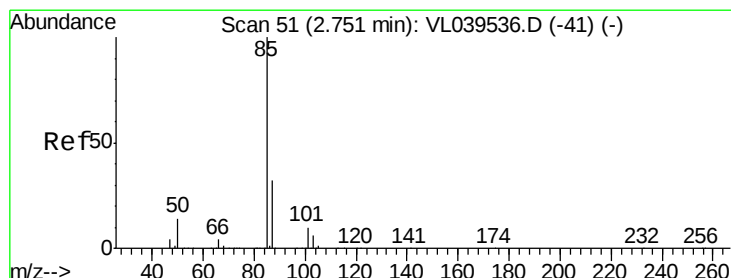
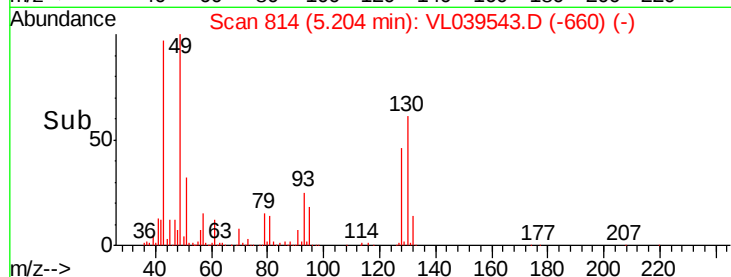


Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

Time-->



#2

Dichlorodifluoromethane

Concen: 7.429 ppbv

RT: 2.75 min Scan# 51

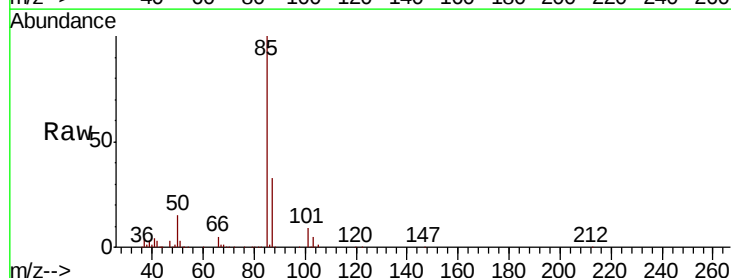
Delta R.T. -0.00 min

Lab File: VL039543.D

Acq: 17 Aug 2022 8:10

Tgt Ion: 85 Resp: 1206876

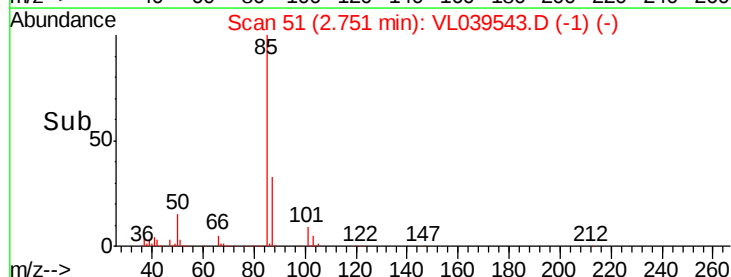
Ion	Ratio	Lower	Upper
85	100		
87	33.0	25.9	38.9

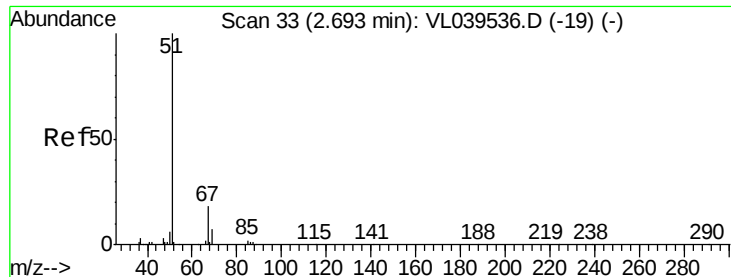


Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

Time-->





#3

Chlorodifluoromethane

Concen: 8.473 ppbv

RT: 2.70 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

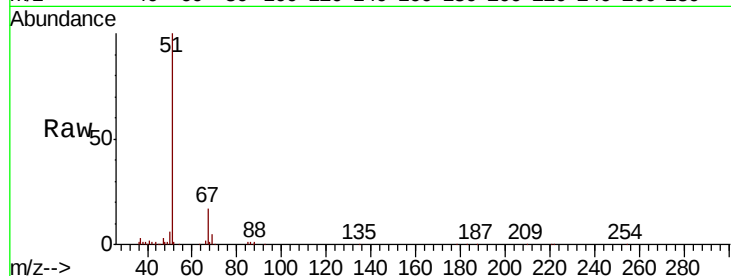
Acq: 17 Aug 2022 8:10

Tot Ion: 51 Resp: 1205488

Ion Ratio Lower Upper

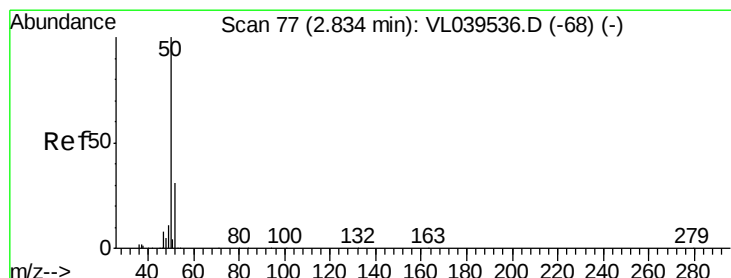
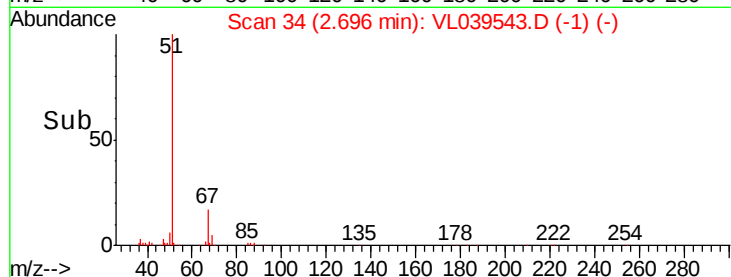
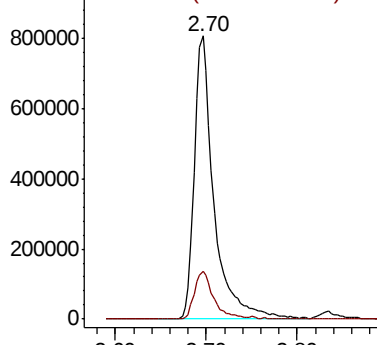
51 100

67 17.4 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 8.958 ppbv

RT: 2.83 min Scan# 77

Delta R.T. -0.00 min

Lab File: VL039543.D

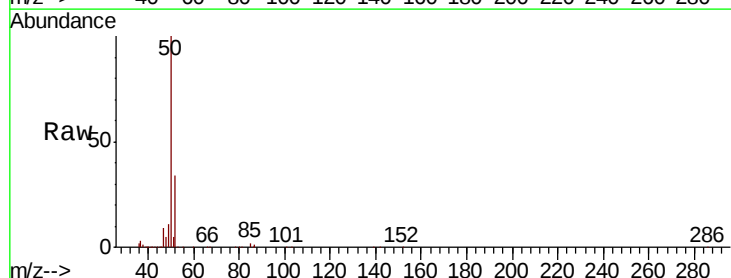
Acq: 17 Aug 2022 8:10

Tgt Ion: 50 Resp: 735298

Ion Ratio Lower Upper

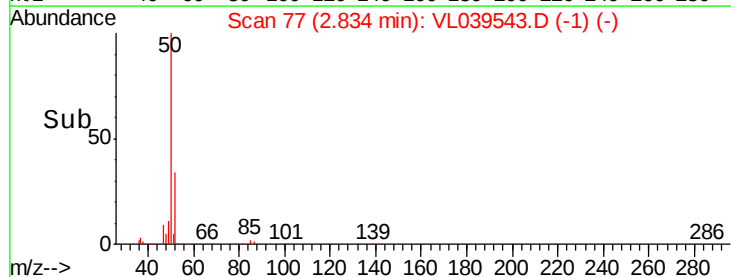
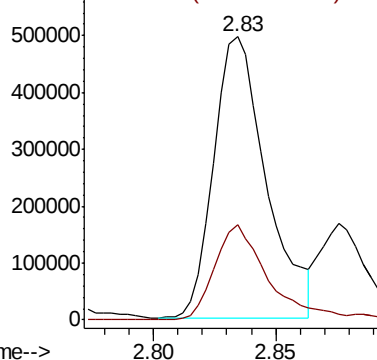
50 100

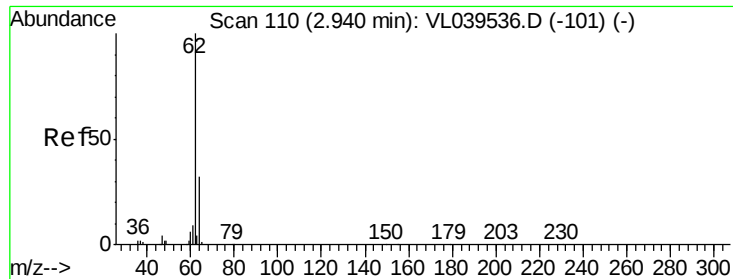
52 33.9 24.3 36.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 8.630 ppbv

RT: 2.94 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

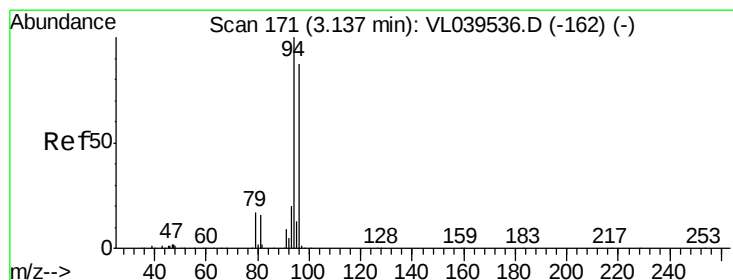
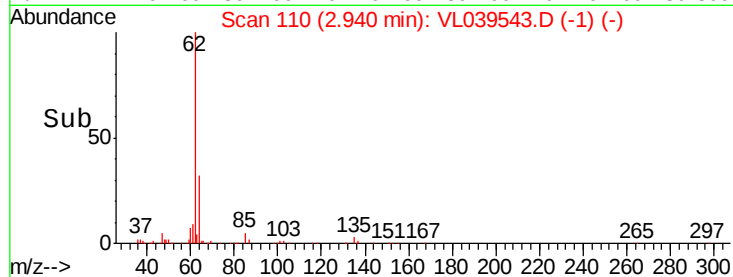
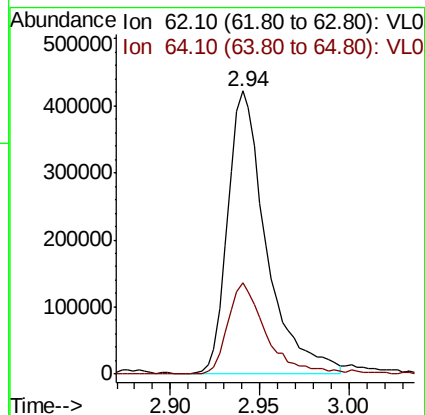
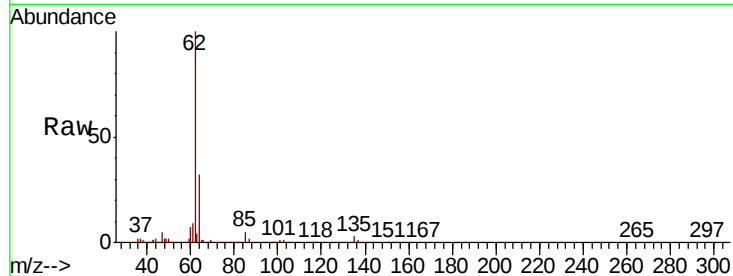
Acq: 17 Aug 2022 8:10

Tot Ion: 62 Resp: 634501

Ion Ratio Lower Upper

62 100

64 32.5 25.5 38.3



#6

Bromomethane

Concen: 8.048 ppbv

RT: 3.14 min Scan# 172

Delta R.T. 0.00 min

Lab File: VL039543.D

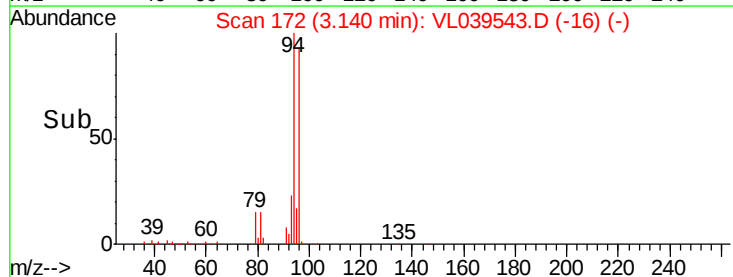
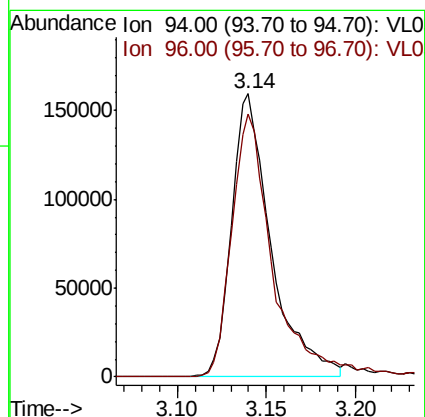
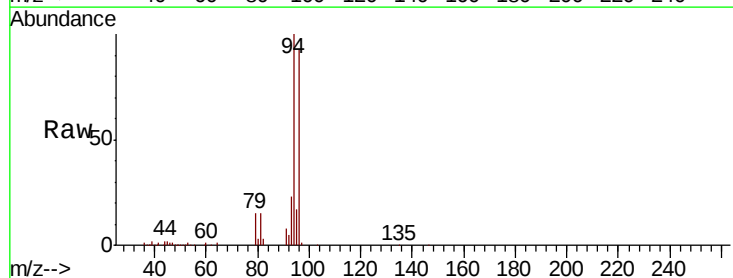
Acq: 17 Aug 2022 8:10

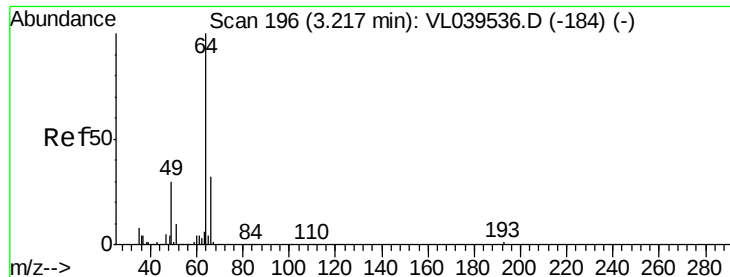
Tgt Ion: 94 Resp: 246177

Ion Ratio Lower Upper

94 100

96 92.9 69.8 104.6





#7

Chloroethane

Concen: 8.546 ppbv

RT: 3.22 Instrument: MSVOA_L

Delta R.T. 0.00 min

Lab File: ClientSampleId: ICVVL081722

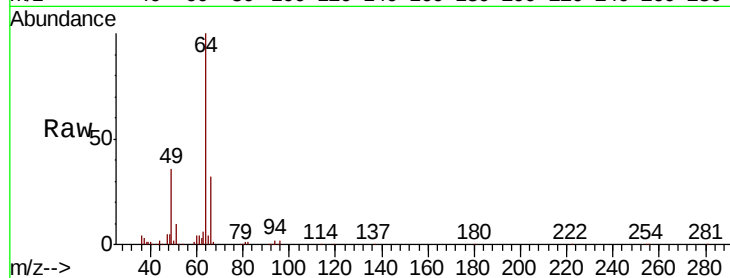
Acq: 17 Aug 2022 8:10

Tot Ion: 64 Resp: 227518

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.22

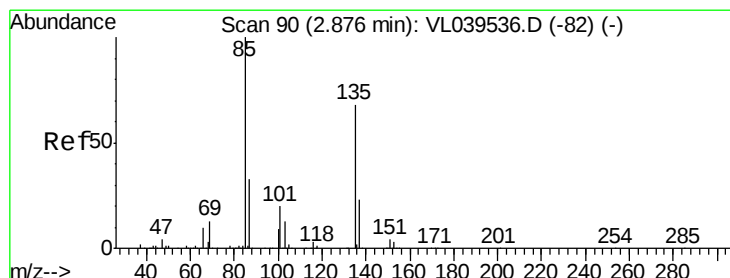
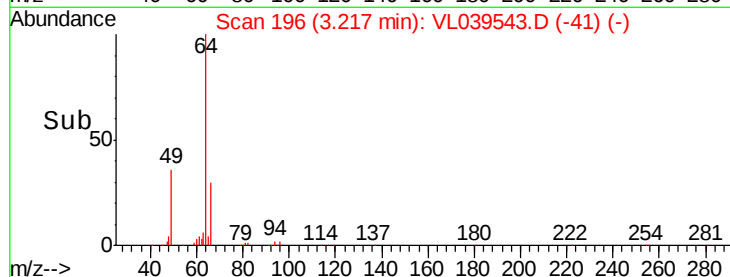
150000

100000

50000

0

Time--> 3.15 3.20 3.25



#8

Dichlorotetrafluoroethane

Concen: 8.804 ppbv

RT: 2.88 min Scan# 91

Delta R.T. 0.00 min

Lab File: VL039543.D

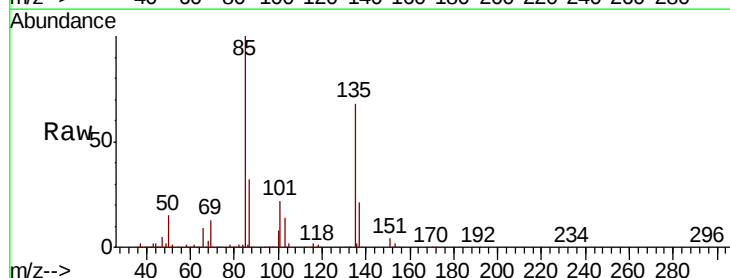
Acq: 17 Aug 2022 8:10

Tgt Ion: 85 Resp: 1524809

Ion Ratio Lower Upper

85 100

135 68.0 56.3 84.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): VL0

2.88

1200000

1000000

800000

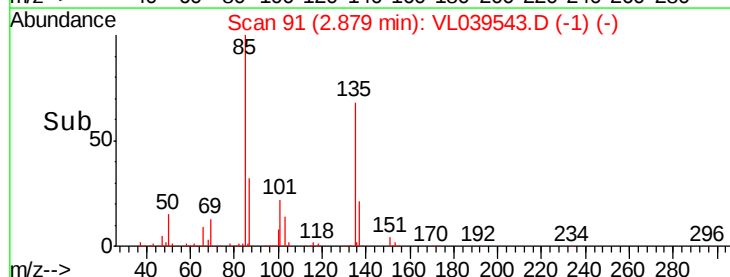
600000

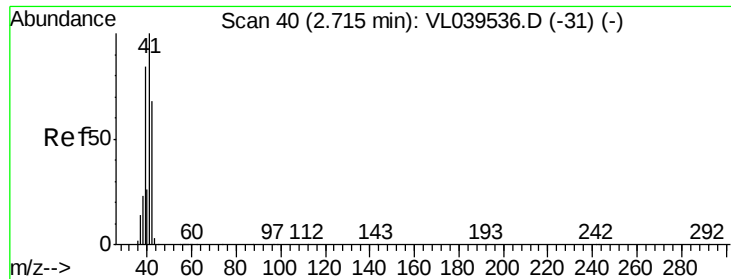
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200000

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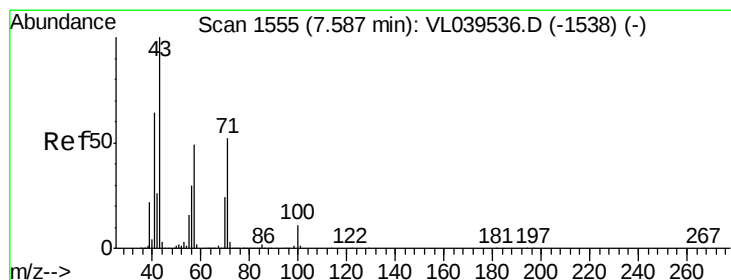
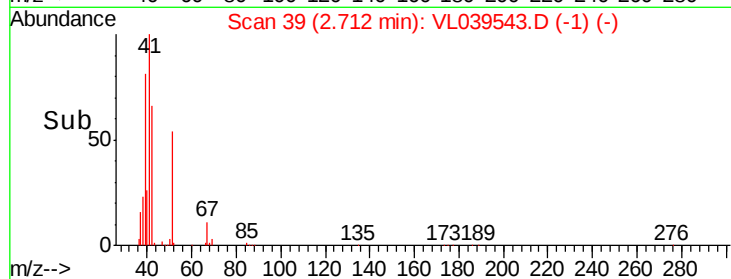
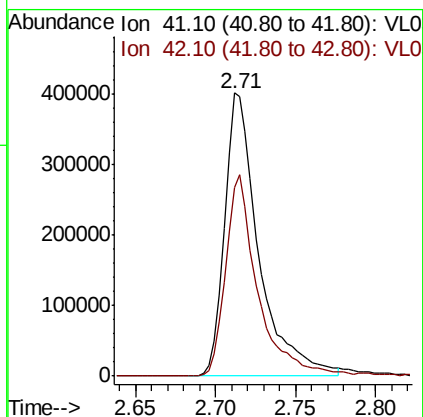
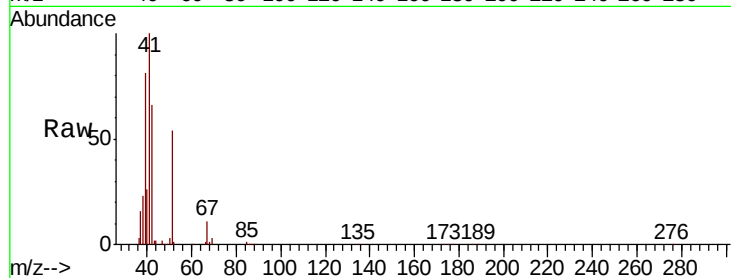
Time--> 2.80 2.85 2.90 2.95





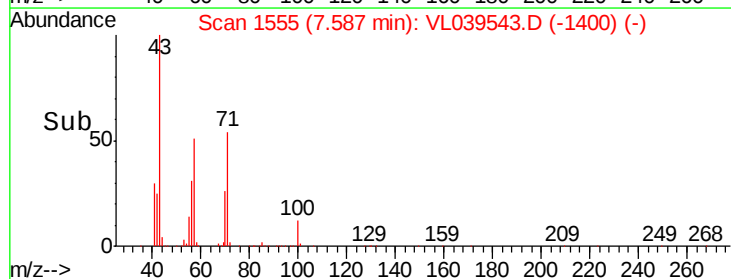
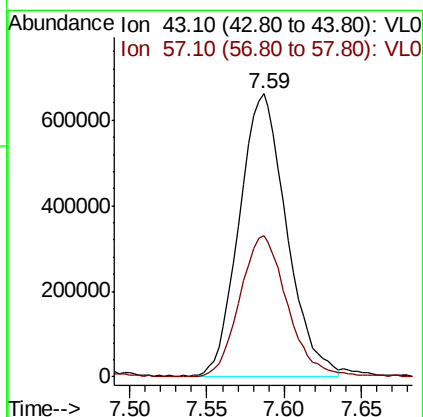
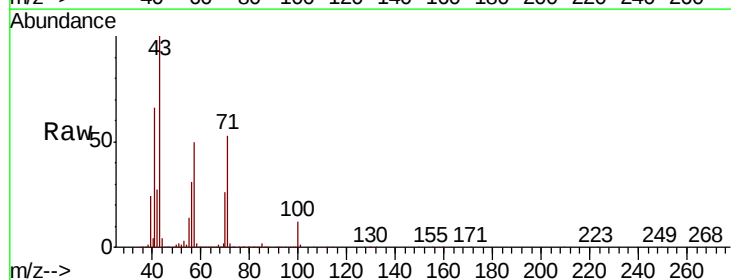
#9
 Propene
 Concen: 9.089 ppbv
 RT: 2.71 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 Aug 2022 8:10

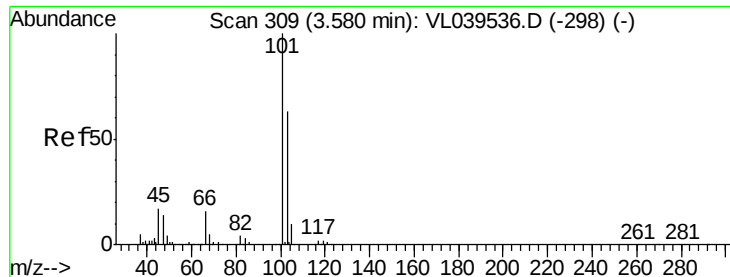
Tot Ion: 41 Resp: 588376
 Ion Ratio Lower Upper
 41 100
 42 68.1 55.4 83.0



#10
 Heptane
 Concen: 9.283 ppbv
 RT: 7.59 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VL039543.D
 Acq: 17 Aug 2022 8:10

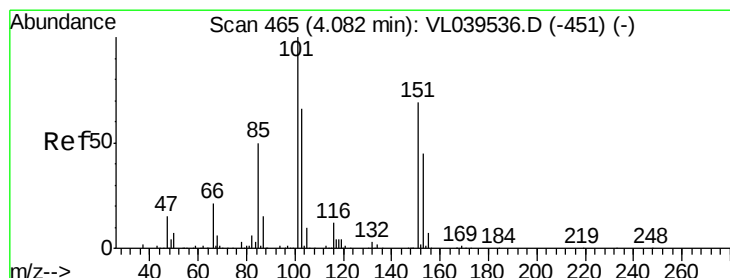
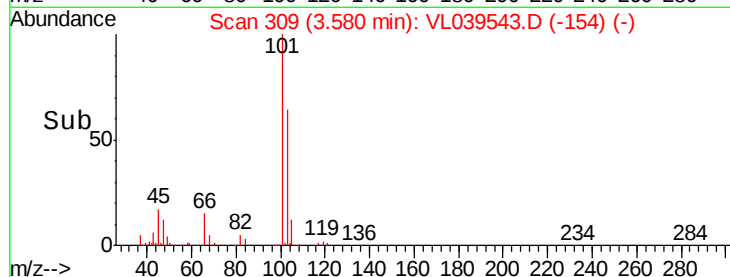
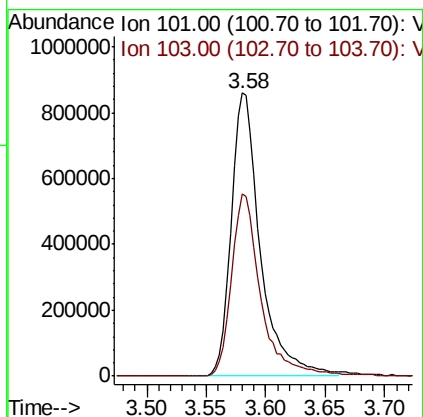
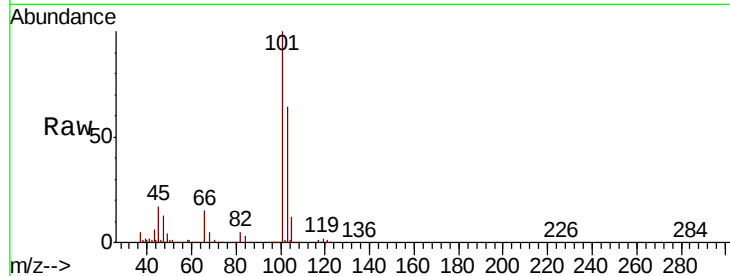
Tgt Ion: 43 Resp: 1397289
 Ion Ratio Lower Upper
 43 100
 57 50.8 39.8 59.6





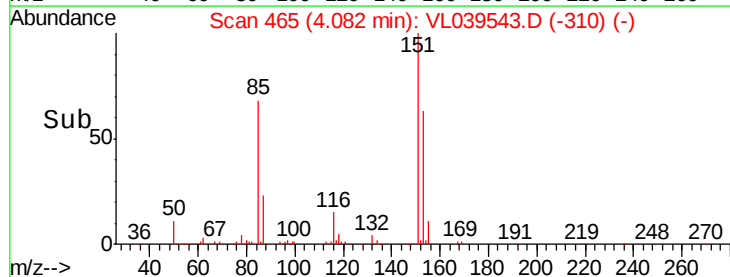
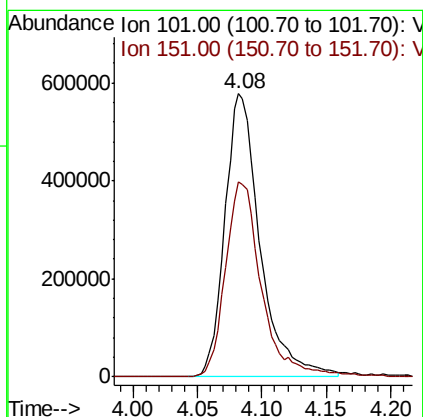
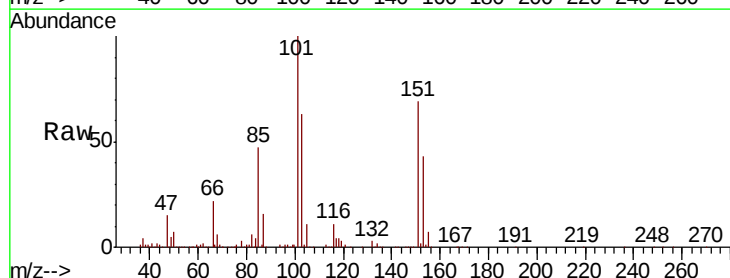
#11
 Trichlorofluoromethane
 Concen: 8.252 ppbv
 RT: 3.58
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 17 Aug 2022 8:10

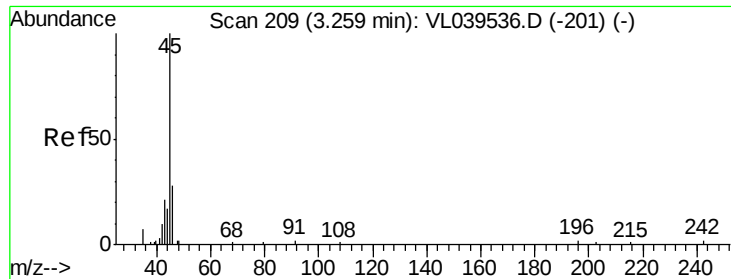
Tot Ion:101 Resp: 1459982
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.421 ppbv
 RT: 4.08 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: VL039543.D
 Acq: 17 Aug 2022 8:10

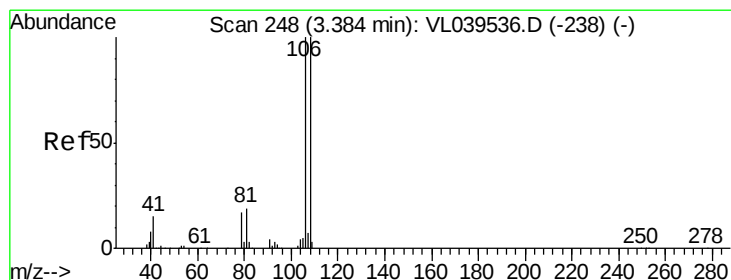
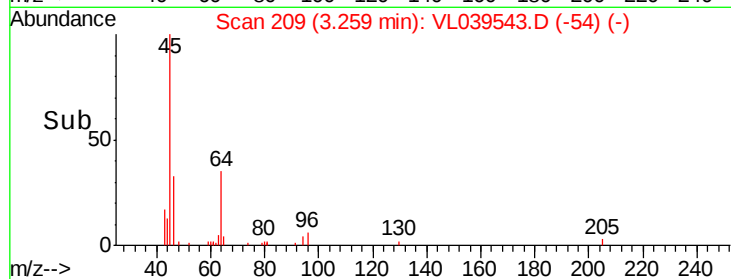
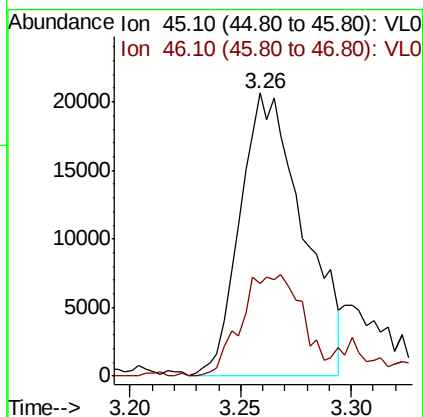
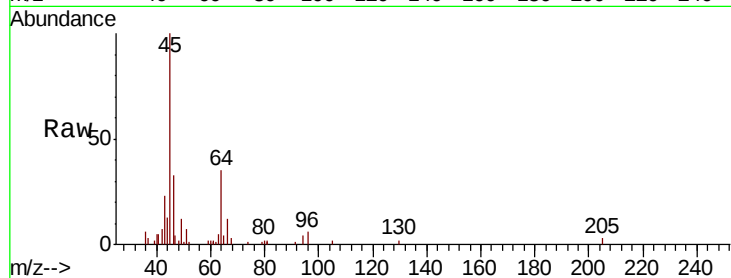
Tgt Ion:101 Resp: 1096736
 Ion Ratio Lower Upper
 101 100
 151 71.4 58.6 87.8





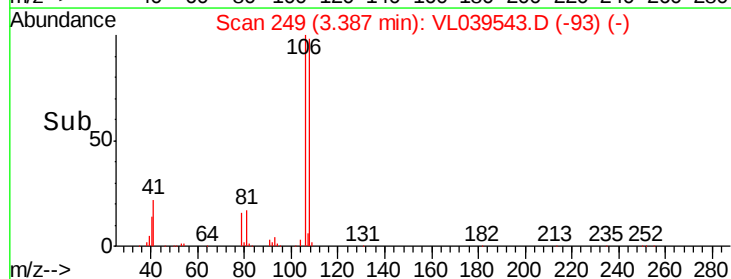
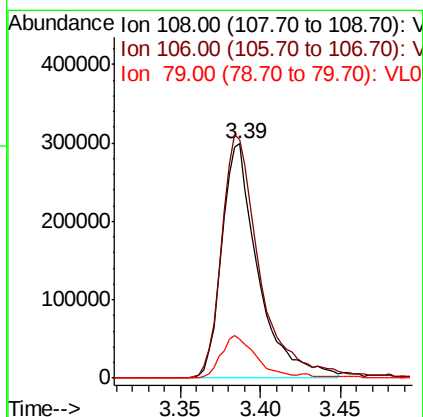
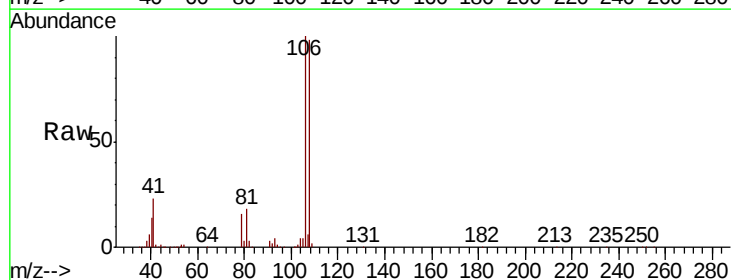
#13
 Ethanol
 Concen: 9.837 ppbv
 RT: 3.26
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 Aug 2022 8:10

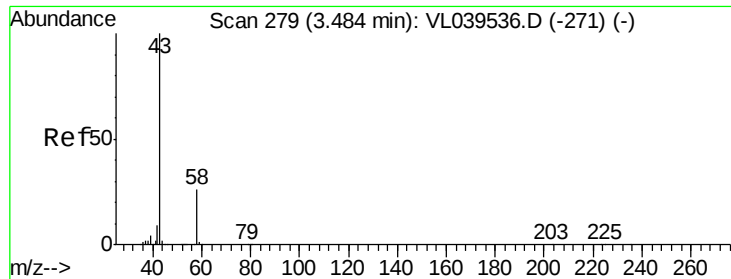
Tot Ion: 45 Resp: 40993
 Ion Ratio Lower Upper
 45 100
 46 47.4 19.3 77.1



#14
 Bromoethene
 Concen: 8.557 ppbv
 RT: 3.39 min Scan# 249
 Delta R.T. 0.00 min
 Lab File: VL039543.D
 Acq: 17 Aug 2022 8:10

Tgt Ion: 108 Resp: 464846
 Ion Ratio Lower Upper
 108 100
 106 110.7 86.6 130.0
 79 18.8 15.1 22.7





#15

Acetone

Concen: 8.286 ppbv

RT: 3.49 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

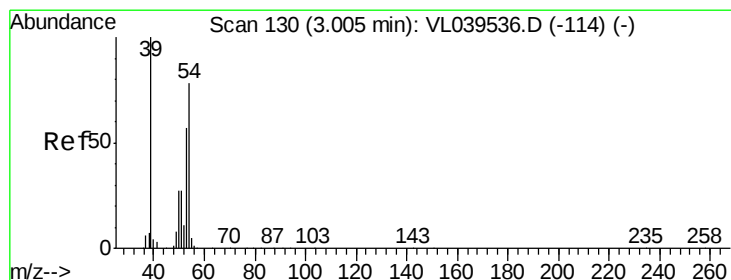
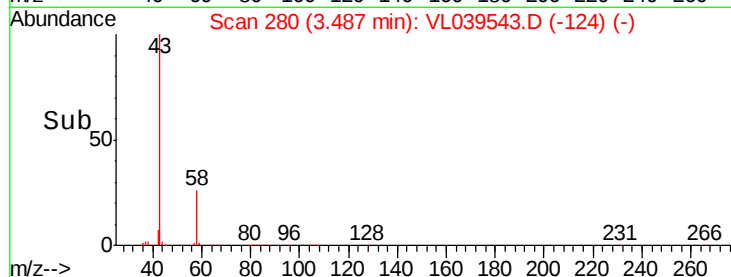
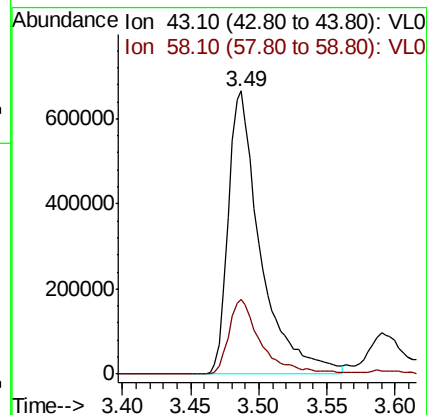
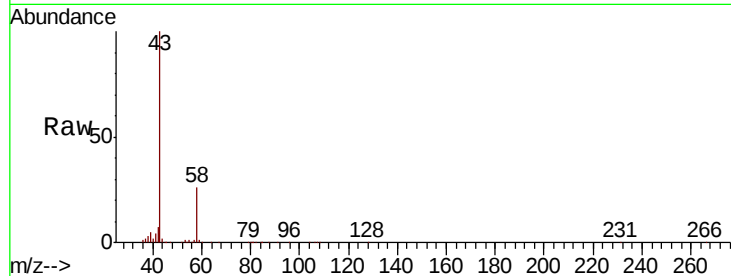
Acq: 17 Aug 2022 8:10

Tot Ion: 43 Resp: 1099780

Ion Ratio Lower Upper

43 100

58 26.3 20.7 31.1



#16

1,3-Butadiene

Concen: 8.838 ppbv

RT: 3.00 min Scan# 130

Delta R.T. -0.00 min

Lab File: VL039543.D

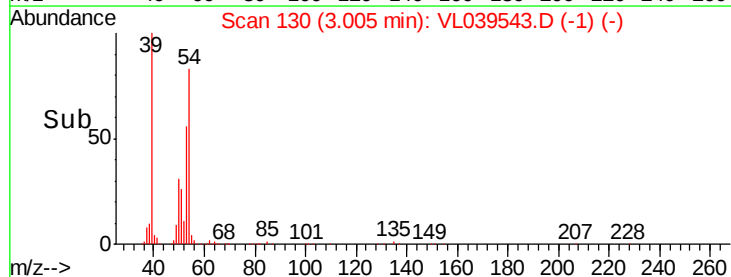
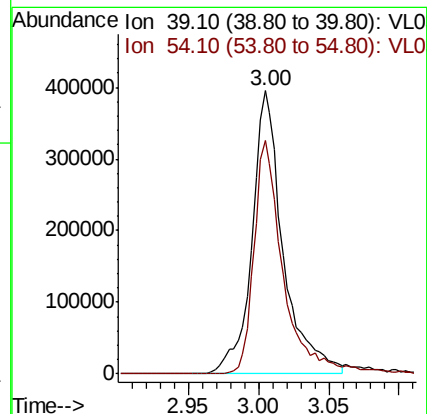
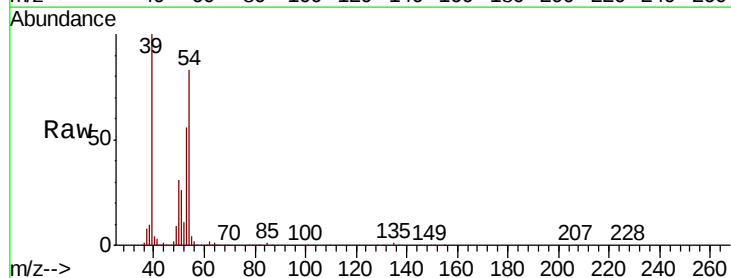
Acq: 17 Aug 2022 8:10

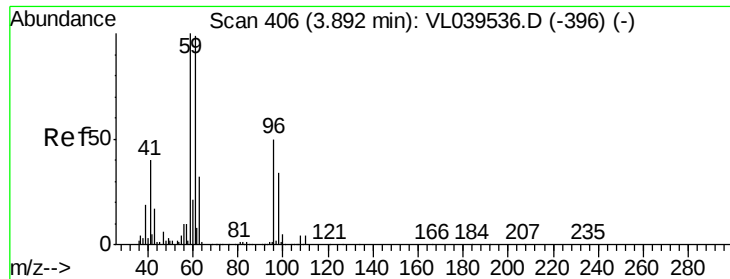
Tgt Ion: 39 Resp: 612155

Ion Ratio Lower Upper

39 100

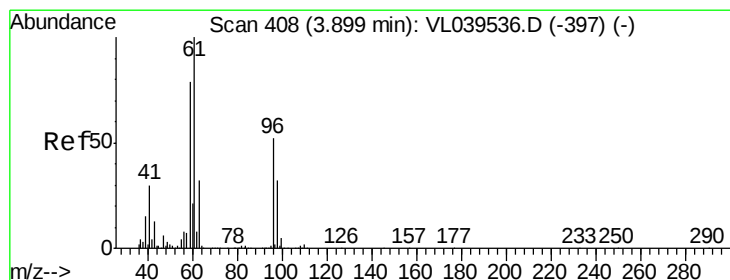
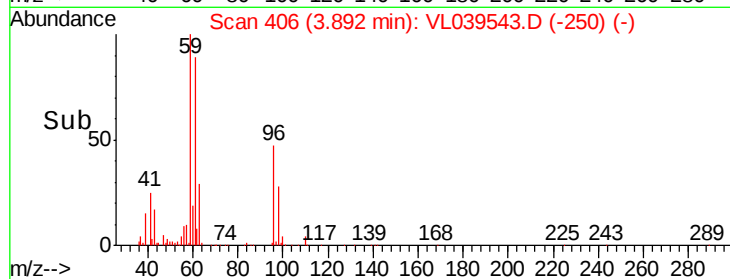
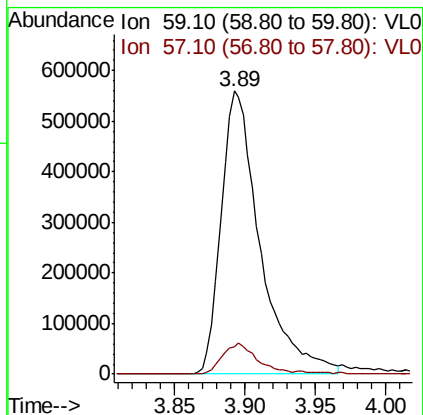
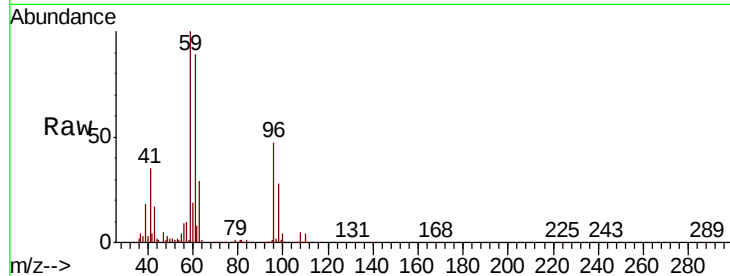
54 79.0 61.8 92.8





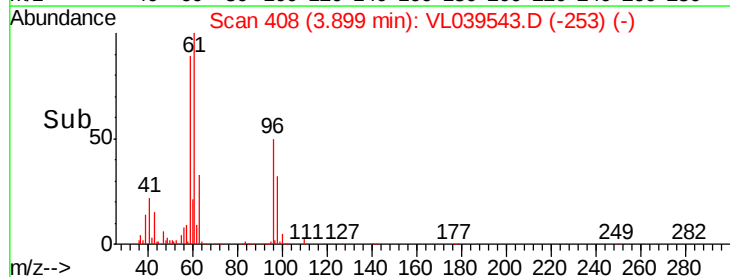
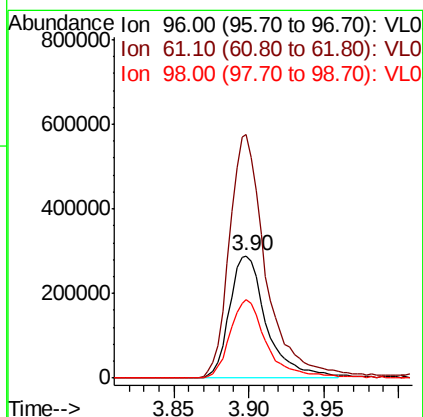
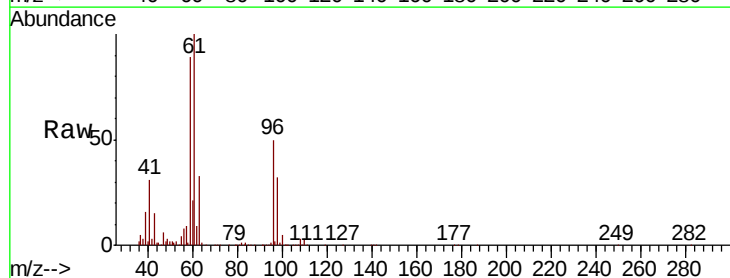
#17
 tert-Butyl alcohol
 Concen: 9.698 ppbv
 RT: 3.89
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 Aug 2022 8:10

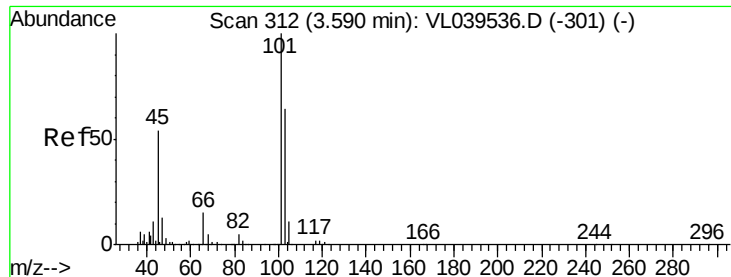
Tot Ion: 59 Resp: 1079692
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.6 12.8



#18
 1,1-Dichloroethene
 Concen: 8.560 ppbv
 RT: 3.90 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: VL039543.D
 Acq: 17 Aug 2022 8:10

Tgt Ion: 96 Resp: 498098
 Ion Ratio Lower Upper
 96 100
 61 199.5 153.8 230.6
 98 64.5 48.6 73.0





#19

Isopropyl Alcohol

Concen: 9.085 ppbv

RT: 3.59 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: ICVVL081722

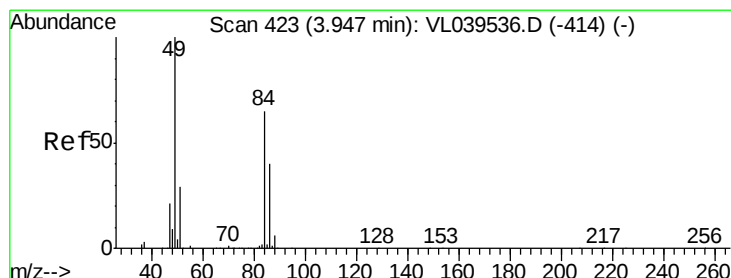
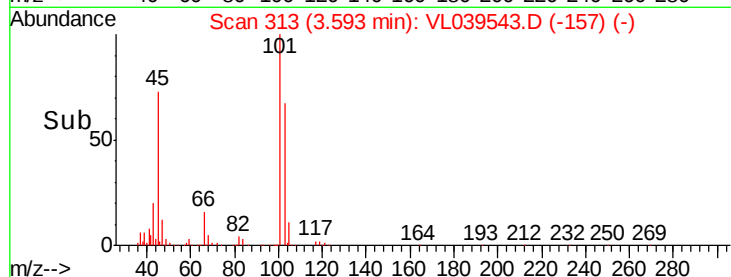
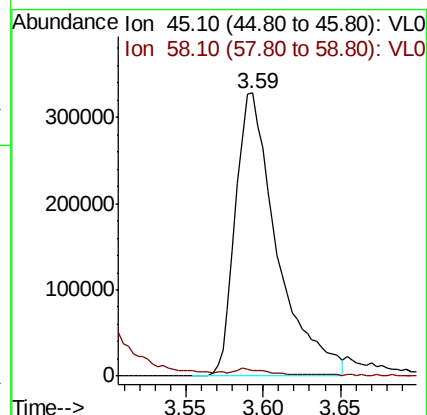
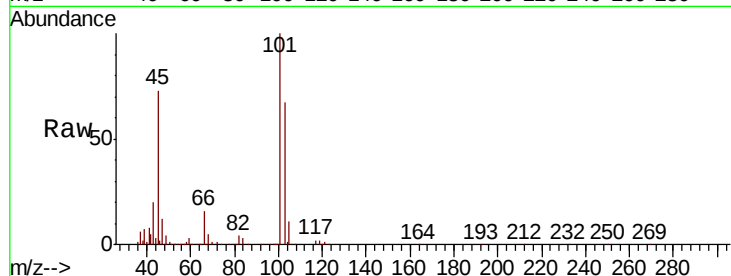
Acq: 17 Aug 2022 8:10

Tot Ion: 45 Resp: 614694

Ion Ratio Lower Upper

45 100

58 3.2 0.0 0.0#



#20

Methylene Chloride

Concen: 8.039 ppbv

RT: 3.95 min Scan# 424

Delta R.T. 0.00 min

Lab File: VL039543.D

Acq: 17 Aug 2022 8:10

Tgt Ion: 84 Resp: 428725

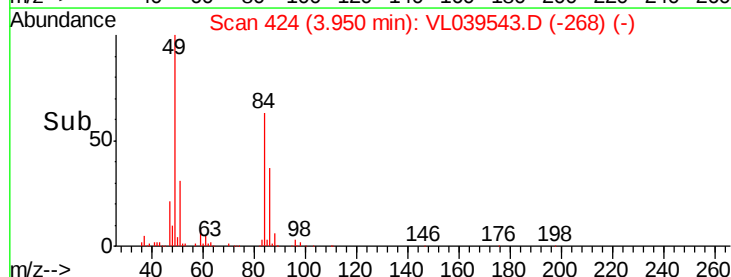
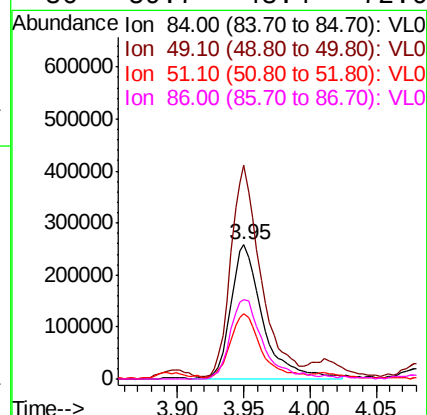
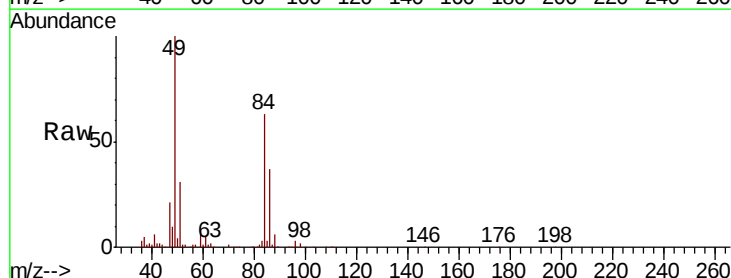
Ion Ratio Lower Upper

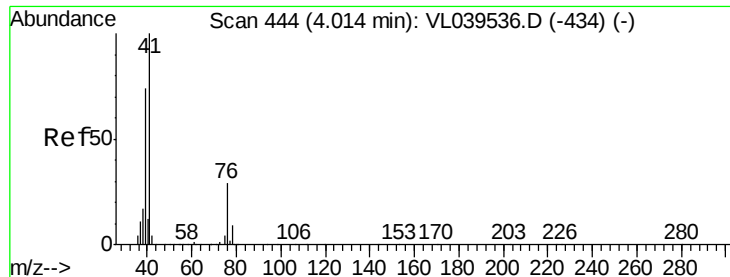
84 100

49 156.2 122.2 183.4

51 47.5 35.8 53.6

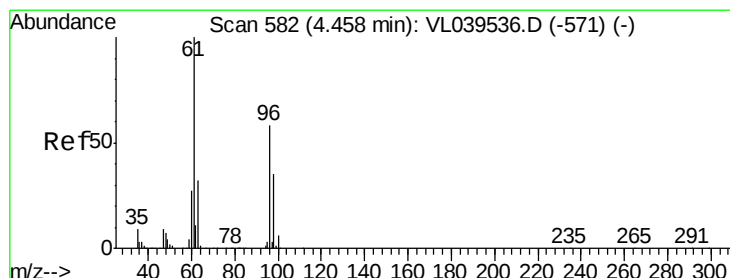
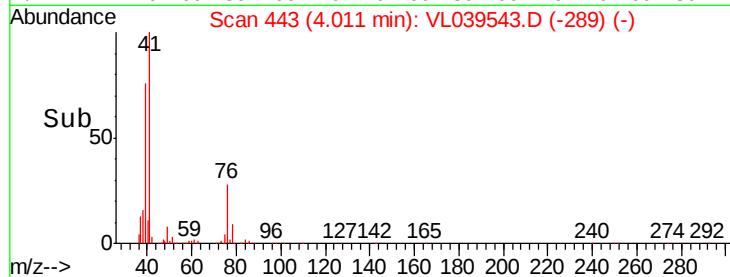
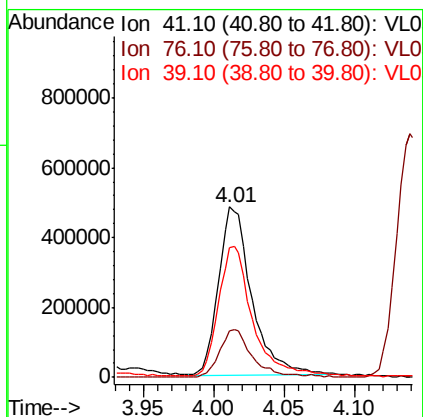
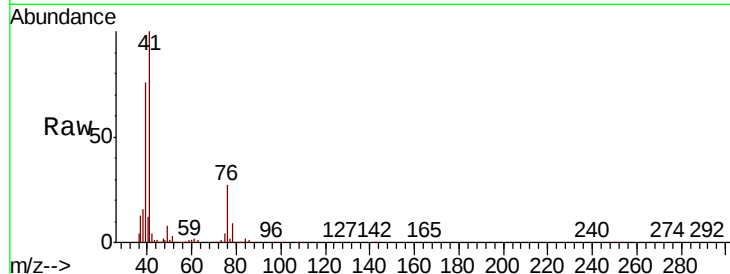
86 59.7 48.4 72.6





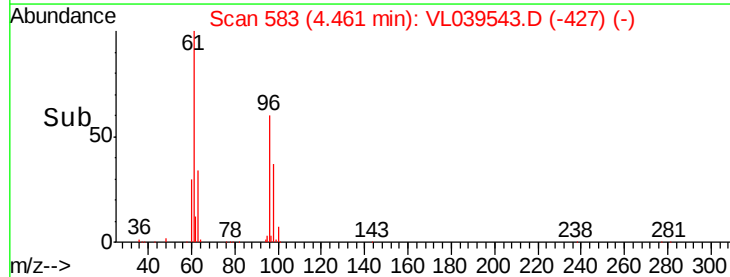
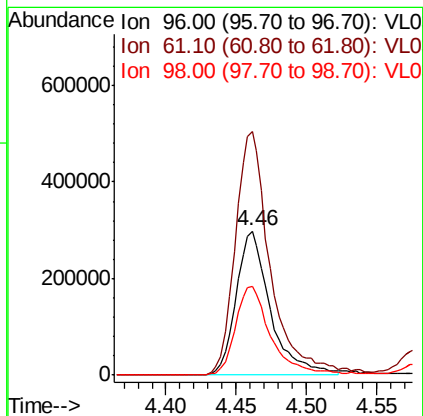
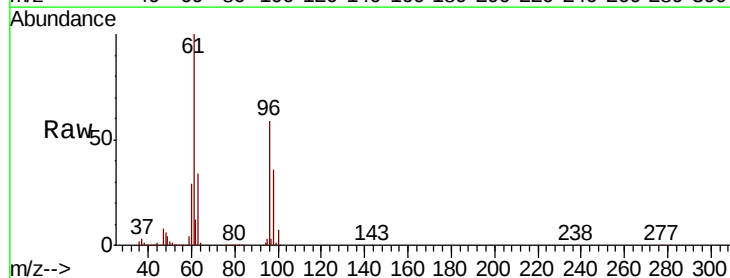
#21
 Allvl Chloride
 Concen: 8.890 ppbv
 RT: 4.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 Aug 2022 8:10

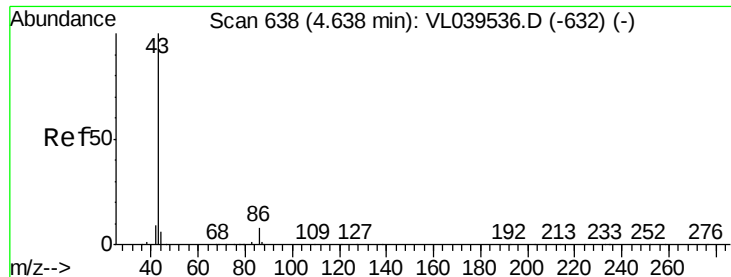
Tot Ion:	41	Resp:	795250
Ion	Ratio	Lower	Upper
41	100		
76	28.3	23.1	34.7
39	79.9	63.4	95.2



#22
 trans-1,2-Dichloroethene
 Concen: 8.988 ppbv
 RT: 4.46 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: VL039543.D
 Acq: 17 Aug 2022 8:10

Tgt Ion:	96	Resp:	508806
Ion	Ratio	Lower	Upper
96	100		
61	168.8	138.1	207.1
98	61.5	48.8	73.2





#23

Vinyl Acetate

Concen: 7.166 ppbv

RT: 4.64 Instrument: MSVOA_1

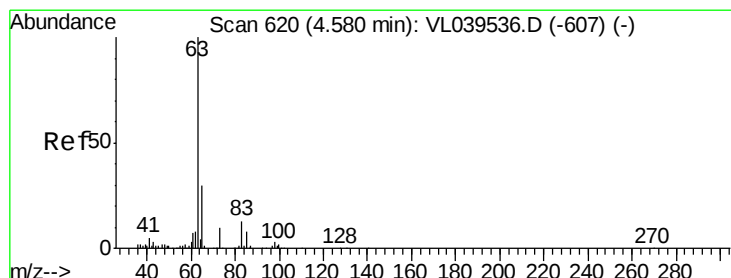
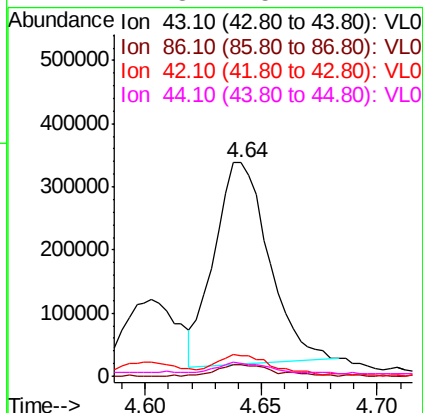
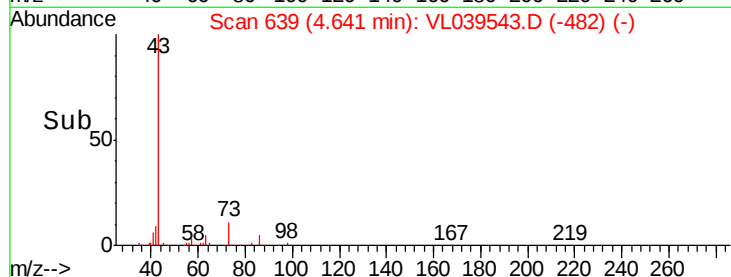
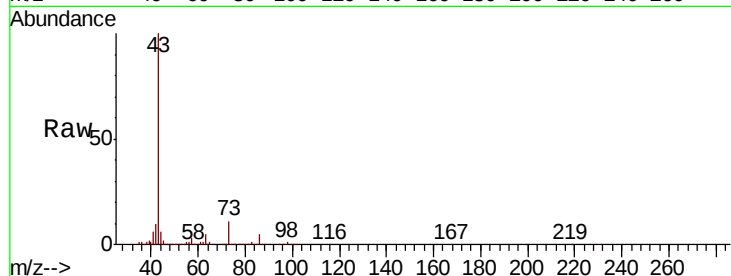
Delta R.T. ClientSampleId:

Lab File: ICVVL081722

Acq: 17 Aug 2022 8:10

Tot Ion: 43 Resp: 521223

Ion	Ratio	Lower	Upper
43	100		
86	5.3	5.3	7.9
42	9.4	8.7	13.1
44	4.8	5.1	7.7#



#24

1,1-Dichloroethane

Concen: 8.502 ppbv

RT: 4.58 min Scan# 619

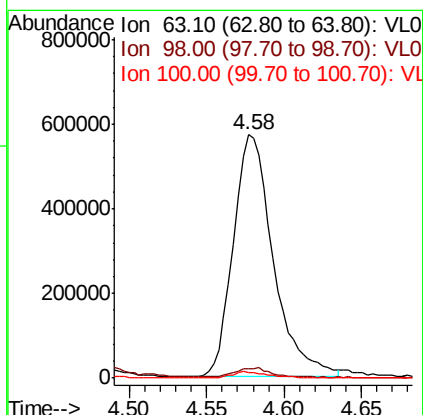
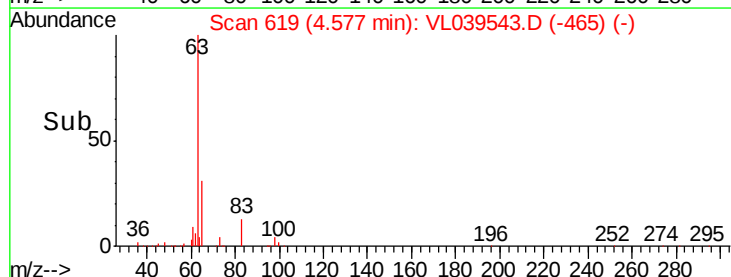
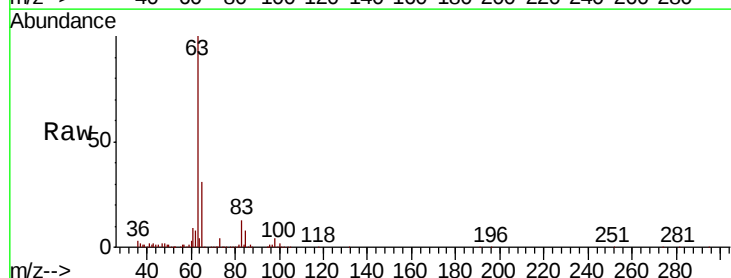
Delta R.T. -0.00 min

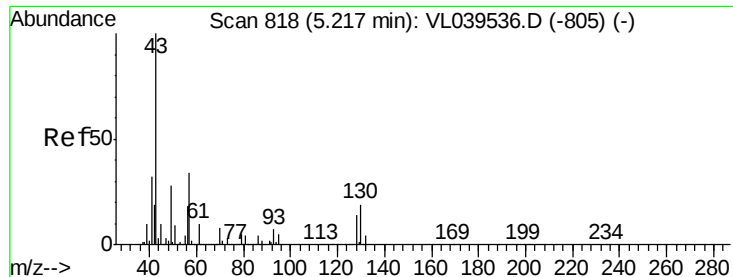
Lab File: VL039543.D

Acq: 17 Aug 2022 8:10

Tgt Ion: 63 Resp: 1029003

Ion	Ratio	Lower	Upper
63	100		
98	3.6	1.7	5.0
100	2.3	1.1	3.3

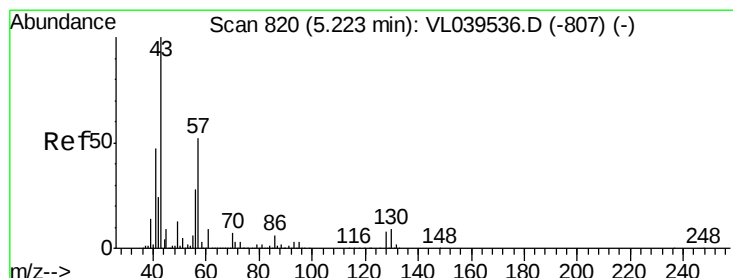
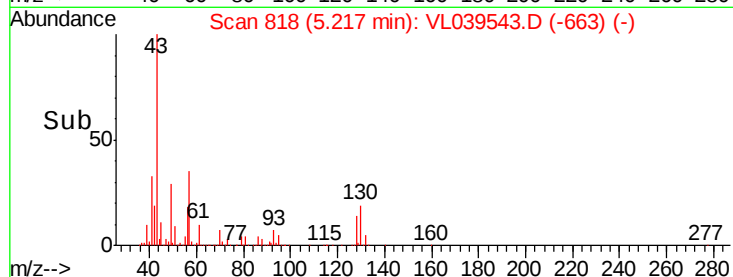
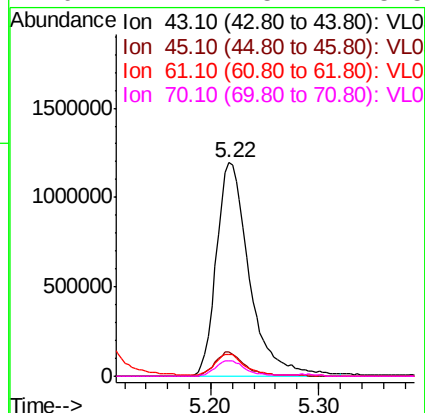
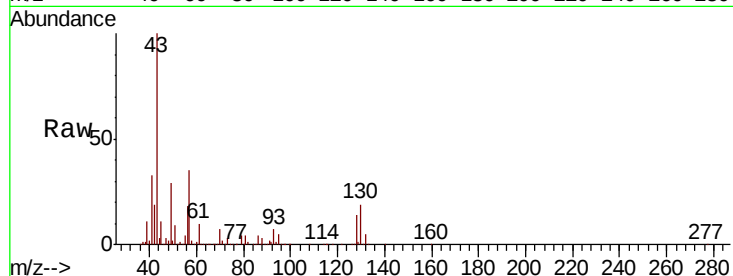




#25
Ethyl Acetate
Concen: 9.140 ppbv
RT: 5.22
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Aug 2022 8:10

Tot Ion: 43 Resp: 2526872

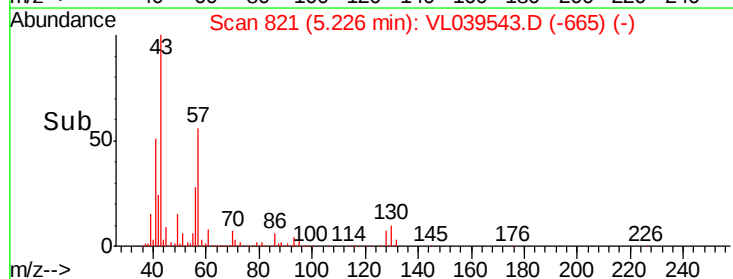
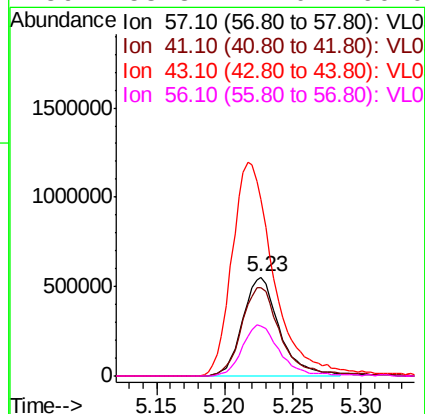
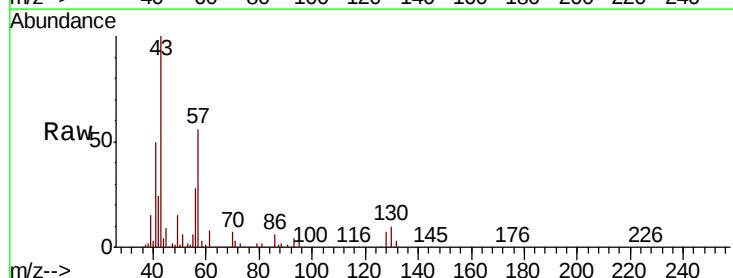
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.2	12.4
61	10.4	8.6	12.8
70	7.1	5.7	8.5

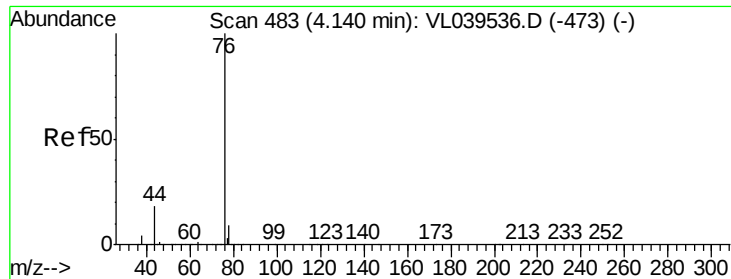


#26
Hexane
Concen: 9.237 ppbv
RT: 5.23 min Scan# 821
Delta R.T. 0.00 min
Lab File: VL039543.D
Acq: 17 Aug 2022 8:10

Tgt Ion: 57 Resp: 1037411

Ion	Ratio	Lower	Upper
57	100		
41	96.2	79.4	119.2
43	247.6	199.7	299.5
56	53.3	44.0	66.0





#27

Carbon Disulfide

Concen: 9.074 ppbv

RT: 4.14 Instrument:

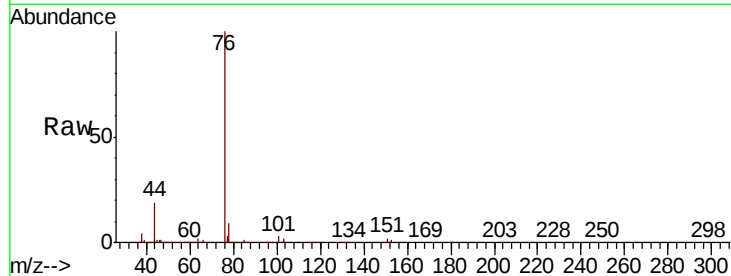
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

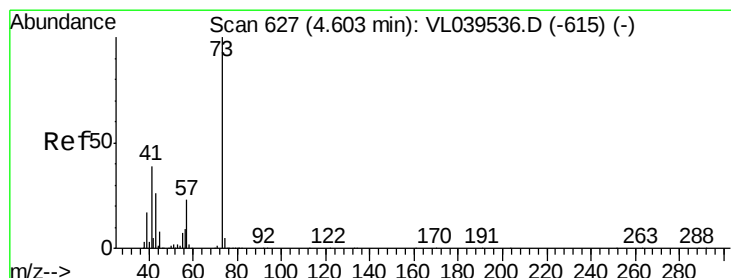
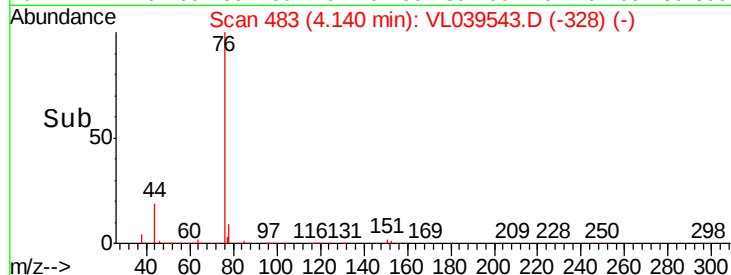
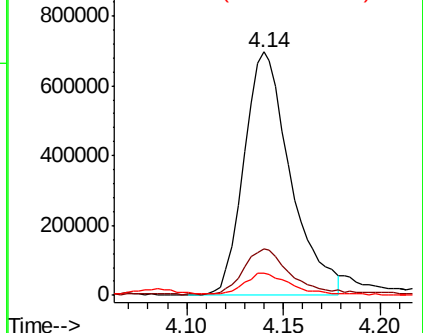
Acq: 17 Aug 2022 8:10

Tot Ion: 76 Resp: 1158717

Ion	Ratio	Lower	Upper
76	100		
44	19.8	16.3	24.5
78	10.1	7.8	11.6



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: 8.503 ppbv

RT: 4.60 min Scan# 627

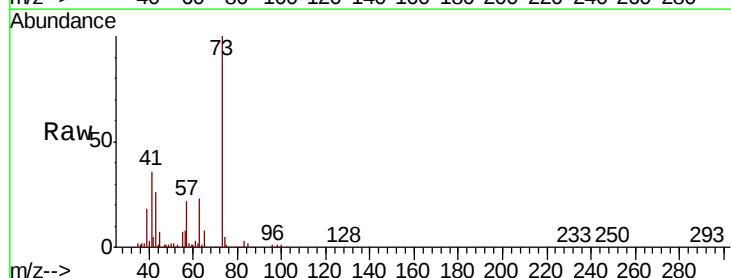
Delta R.T. -0.00 min

Lab File: VL039543.D

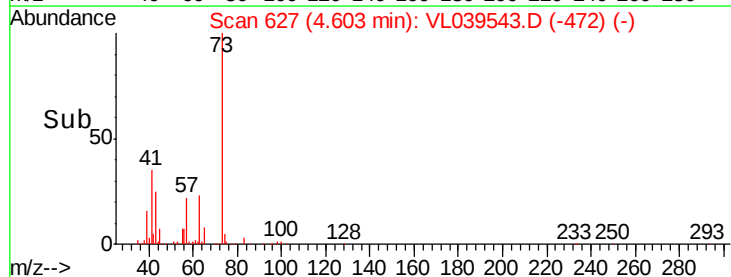
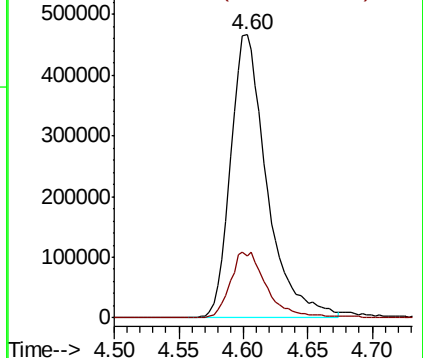
Acq: 17 Aug 2022 8:10

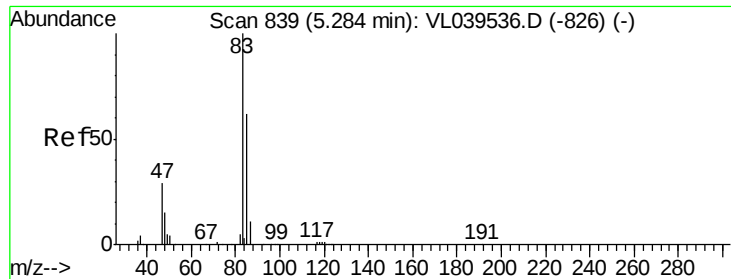
Tgt Ion: 73 Resp: 913046

Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.8	29.6



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





#29

Chloroform

Concen: 8.424 ppbv

RT: 5.28 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: ICVVL081722

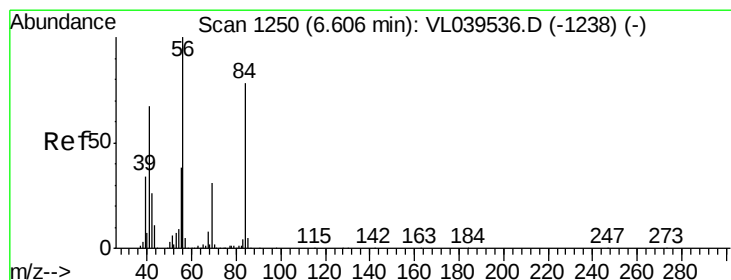
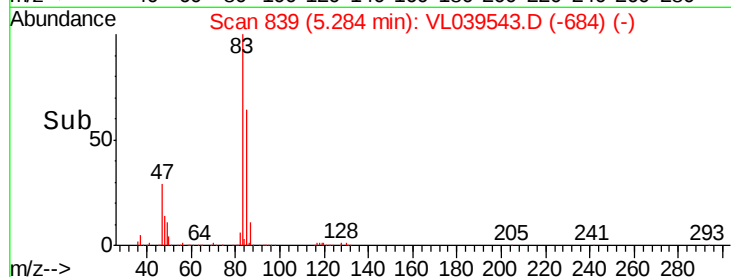
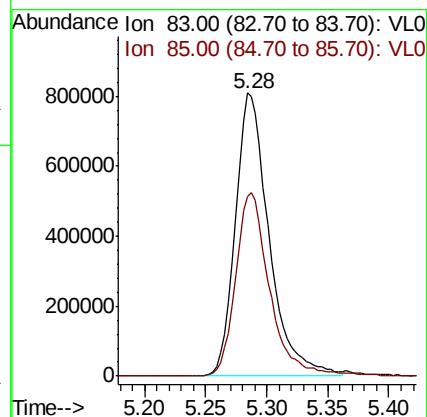
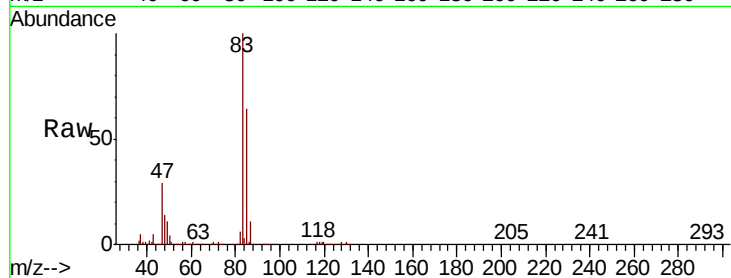
Acq: 17 Aug 2022 8:10

Tot Ion: 83 Resp: 1560272

Ion Ratio Lower Upper

83 100

85 63.6 49.8 74.8



#30

Cyclohexane

Concen: 9.116 ppbv

RT: 6.61 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VL039543.D

Acq: 17 Aug 2022 8:10

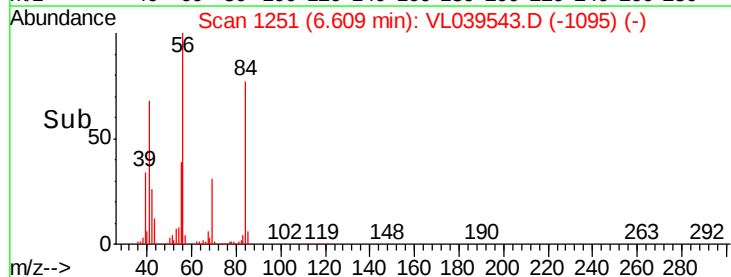
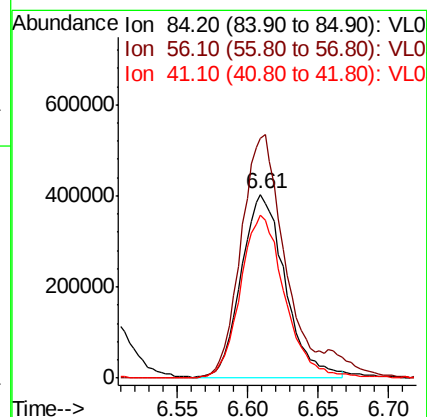
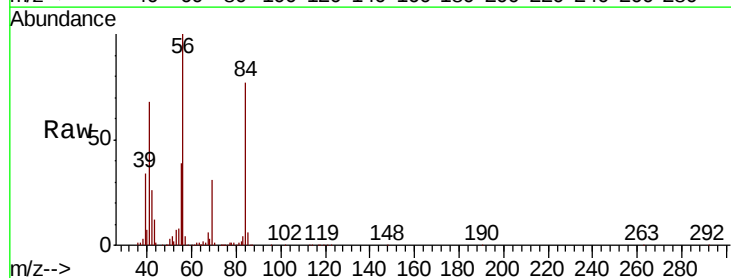
Tgt Ion: 84 Resp: 882142

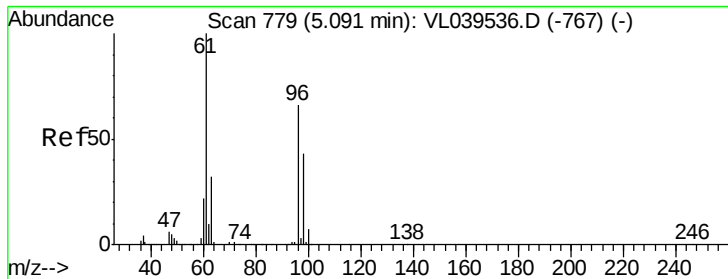
Ion Ratio Lower Upper

84 100

56 140.3 0.0 0.0#

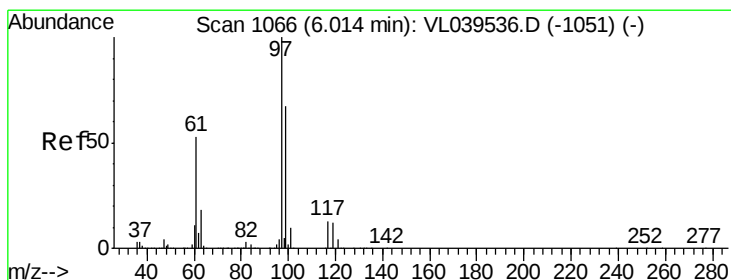
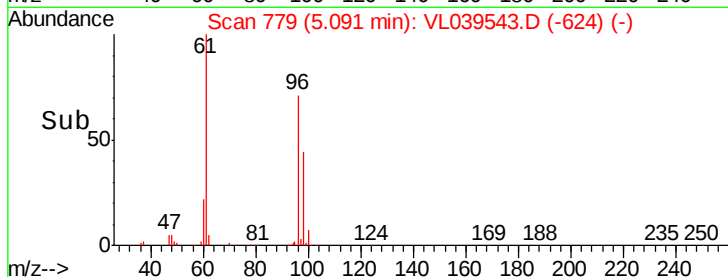
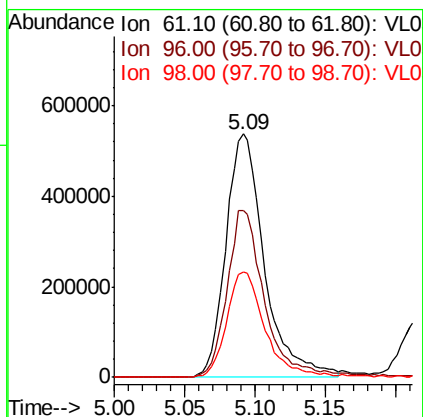
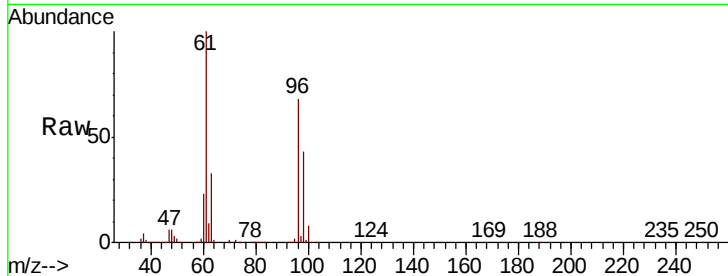
41 89.3 0.0 0.0#





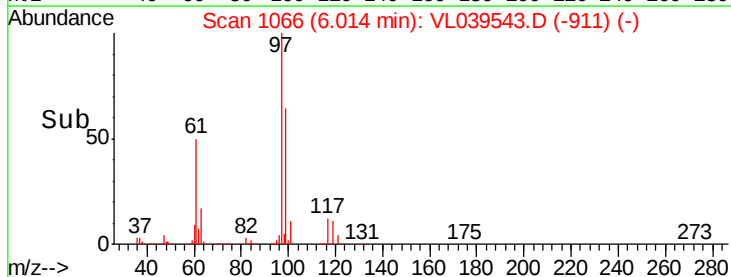
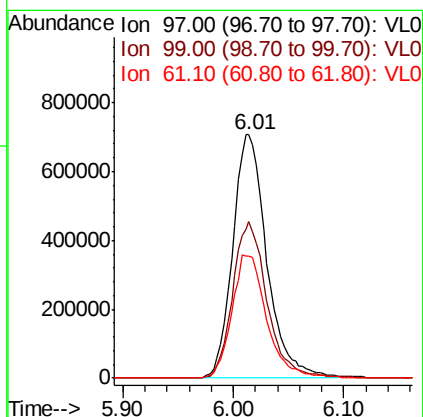
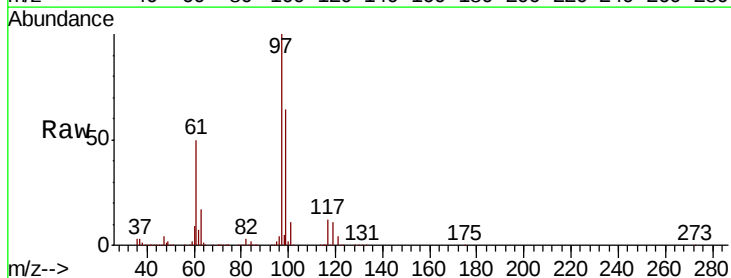
#31
 cis-1,2-Dichloroethene
 Concen: 9.014 ppbv
 RT: 5.09
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 Aug 2022 8:10

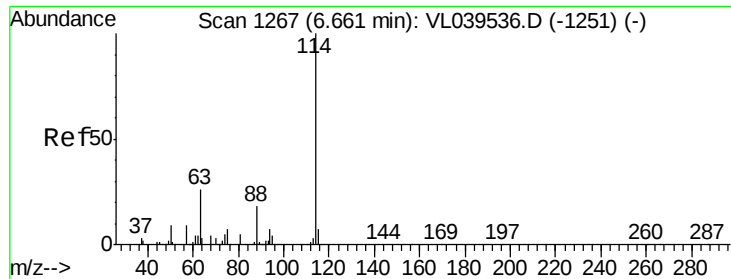
Tot Ion: 61 Resp: 1020093
 Ion Ratio Lower Upper
 61 100
 96 68.6 52.9 79.3
 98 43.4 34.5 51.7



#32
 1,1,1-Trichloroethane
 Concen: 8.666 ppbv
 RT: 6.01 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VL039543.D
 Acq: 17 Aug 2022 8:10

Tgt Ion: 97 Resp: 1515147
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.4 78.6
 61 52.1 42.9 64.3

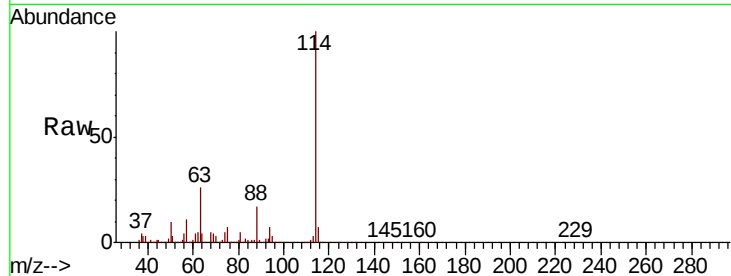




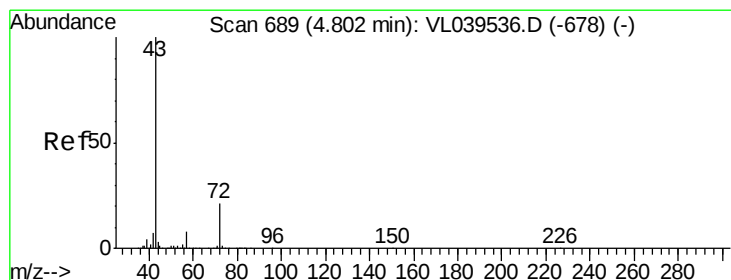
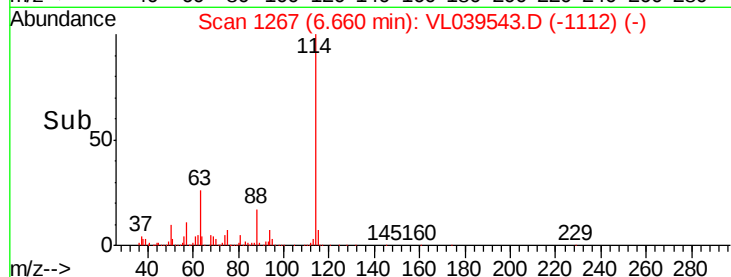
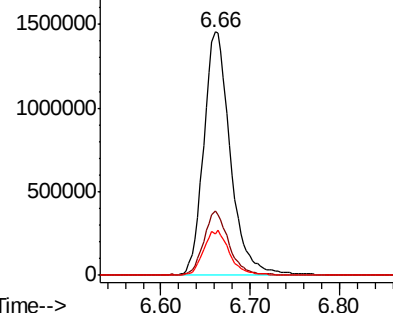
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.66
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 17 Aug 2022 8:10

Tot Ion:114 Resp: 3011865

Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.6	31.0
88	18.1	14.6	22.0



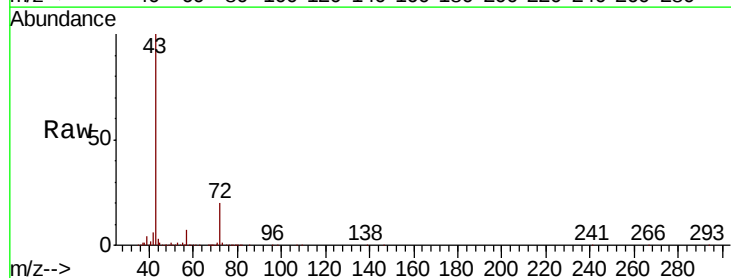
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



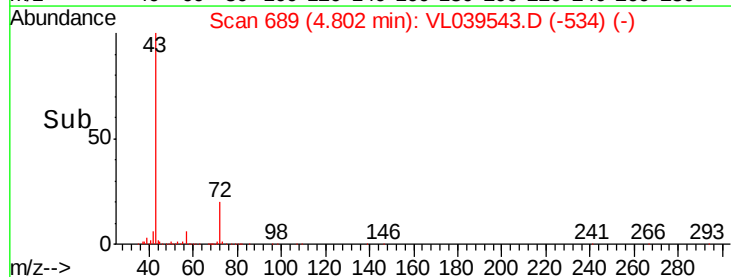
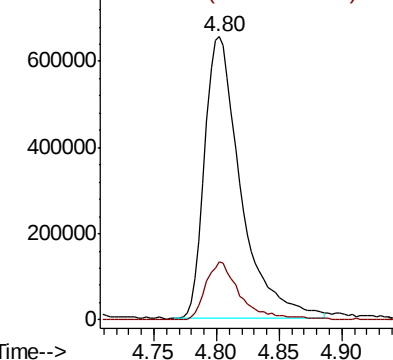
#34
 2-Butanone
 Concen: 8.779 ppbv
 RT: 4.80 min Scan# 689
 Delta R.T.: -0.00 min
 Lab File: VL039543.D
 Acq: 17 Aug 2022 8:10

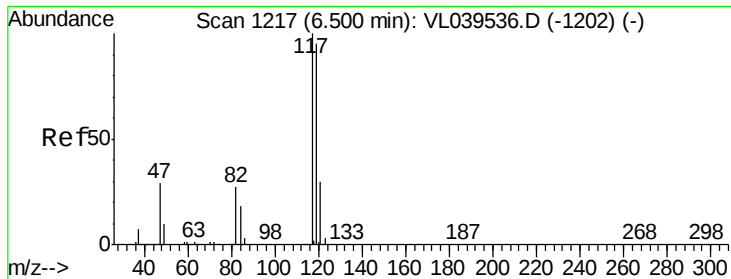
Tgt Ion: 43 Resp: 1314272

Ion	Ratio	Lower	Upper
43	100		
72	20.5	17.4	26.0



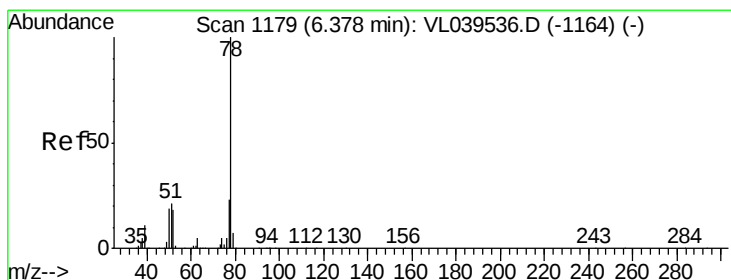
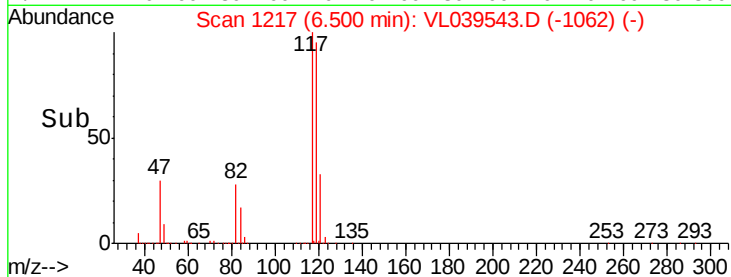
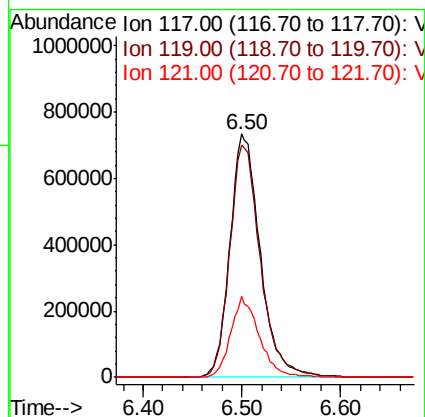
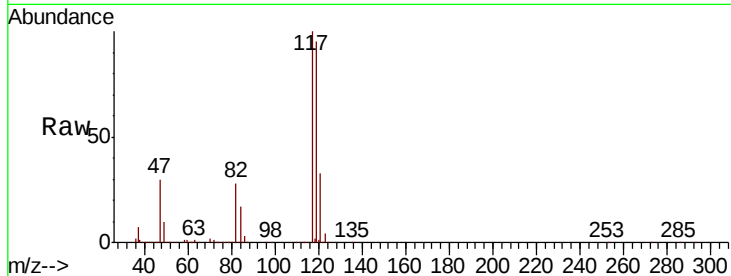
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





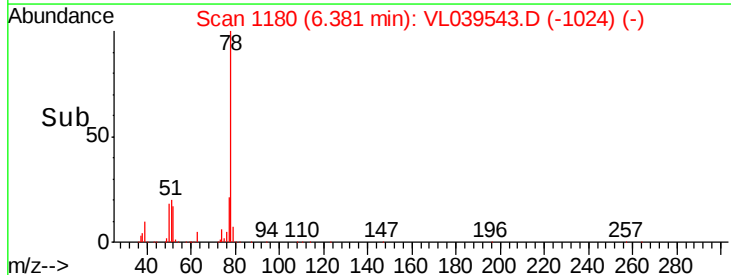
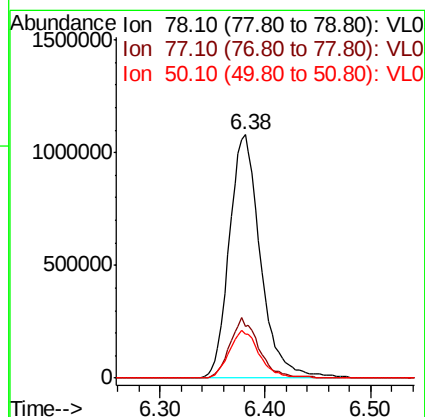
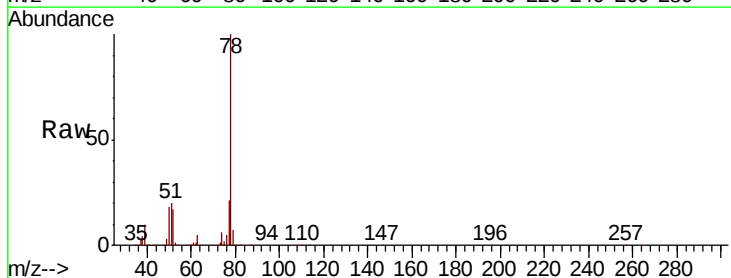
#35
 Carbon Tetrachloride
 Concen: 9.041 ppbv
 RT: 6.50
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 Aug 2022 8:10

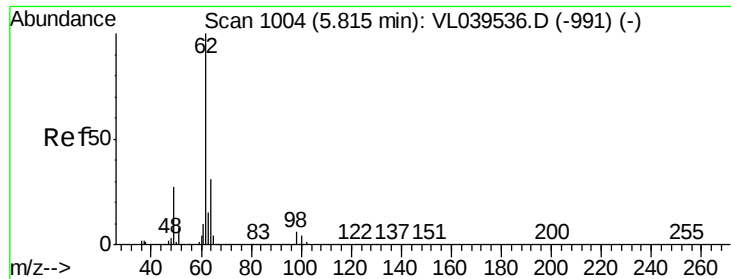
Tot Ion:117 Resp: 1573613
 Ion Ratio Lower Upper
 117 100
 119 95.3 76.2 114.4
 121 33.1 24.4 36.6



#36
 Benzene
 Concen: 9.599 ppbv
 RT: 6.38 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VL039543.D
 Acq: 17 Aug 2022 8:10

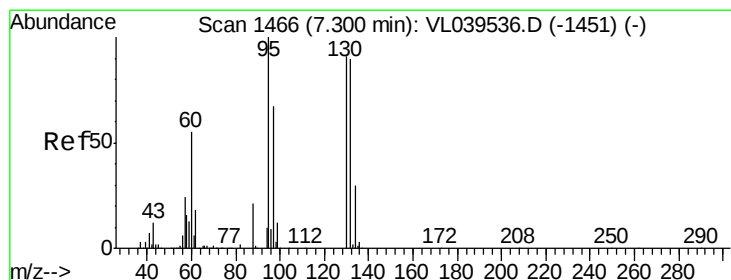
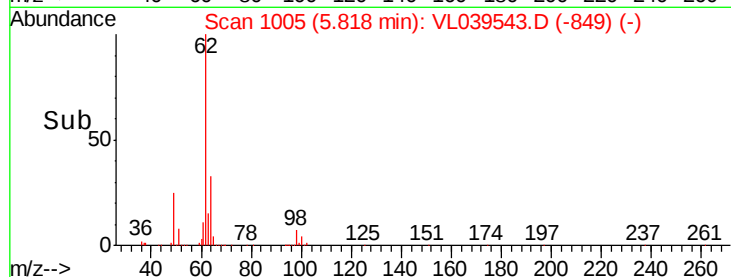
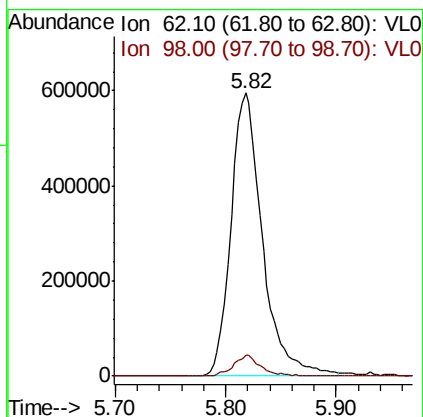
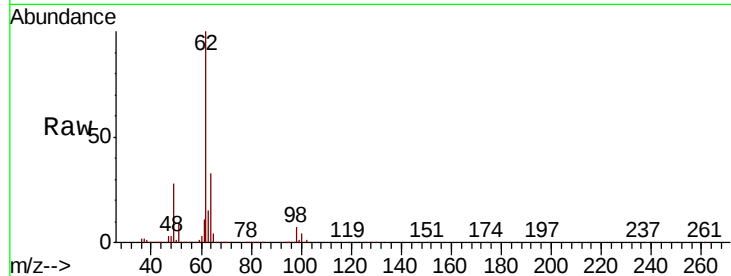
Tgt Ion: 78 Resp: 2216437
 Ion Ratio Lower Upper
 78 100
 77 21.4 18.6 27.8
 50 17.9 15.0 22.4





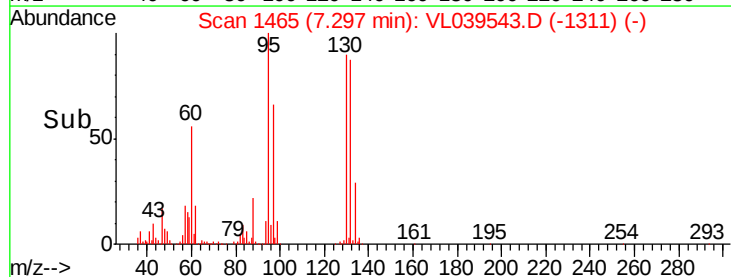
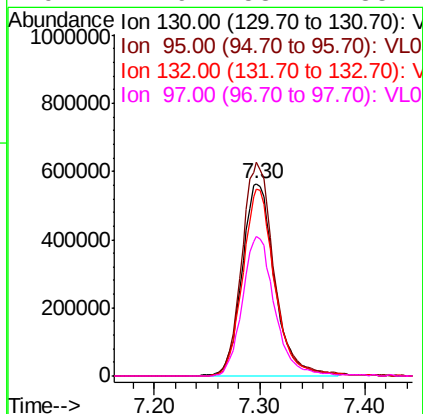
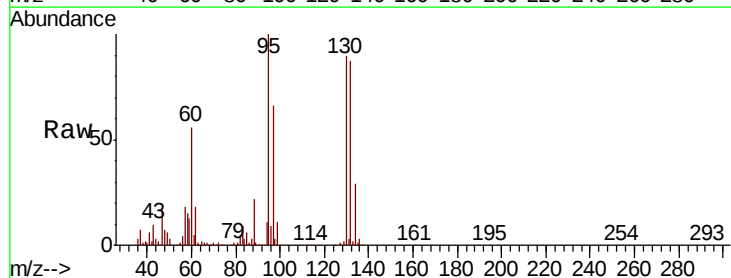
#37
 1,2-Dichloroethane
 Concen: 8.968 ppbv
 RT: 5.82
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 Aug 2022 8:10

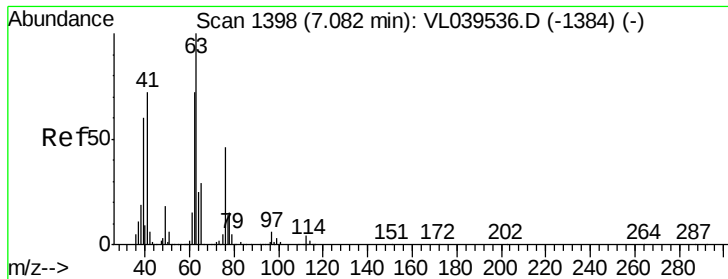
Tot Ion: 62 Resp: 1179147
 Ion Ratio Lower Upper
 62 100
 98 6.7 5.4 8.2



#38
 Trichloroethene
 Concen: 9.732 ppbv
 RT: 7.30 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VL039543.D
 Acq: 17 Aug 2022 8:10

Tgt Ion:130 Resp: 1209603
 Ion Ratio Lower Upper
 130 100
 95 111.0 88.0 132.0
 132 96.9 79.1 118.7
 97 72.9 58.7 88.1





#39

1,2-Dichloropropane

Concen: 9.699 ppbv

RT: 7.08 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 17 Aug 2022 8:10

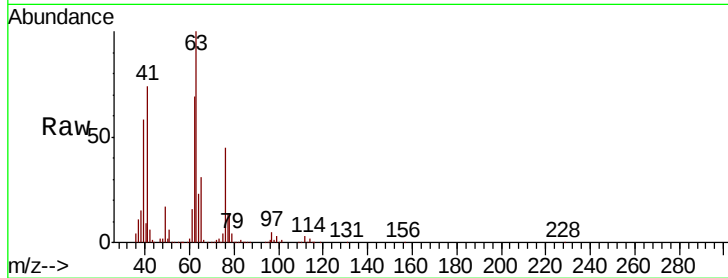
Tot Ion: 63 Resp: 838635

Ion Ratio Lower Upper

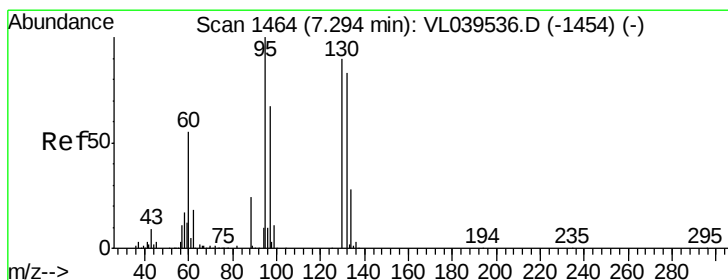
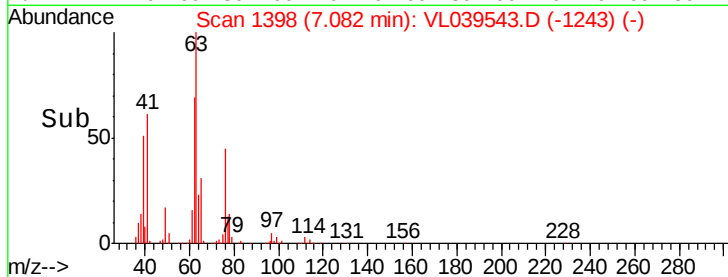
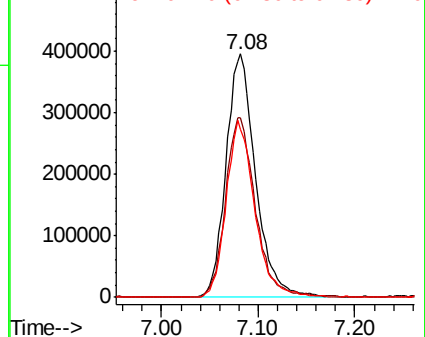
63 100

41 73.6 58.0 87.0

62 69.3 57.8 86.8



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: 9.422 ppbv

RT: 7.29 min Scan# 1464

Delta R.T. -0.00 min

Lab File: VL039543.D

Acq: 17 Aug 2022 8:10

Tgt Ion: 88 Resp: 320862

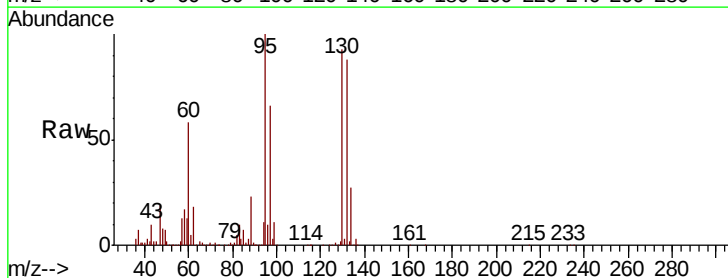
Ion Ratio Lower Upper

88 100

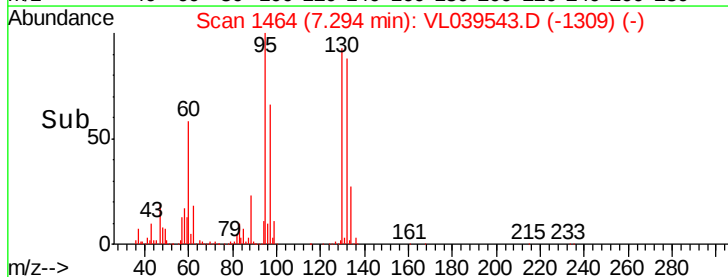
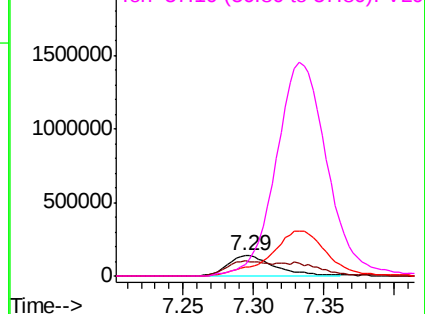
58 128.1 102.8 154.2

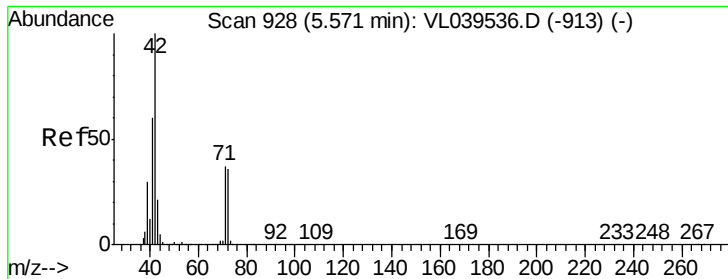
43 266.4 216.2 324.2

57 1149.4 910.0 1365.0



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: 10.122 ppbv

RT: 5.57

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 Aug 2022 8:10

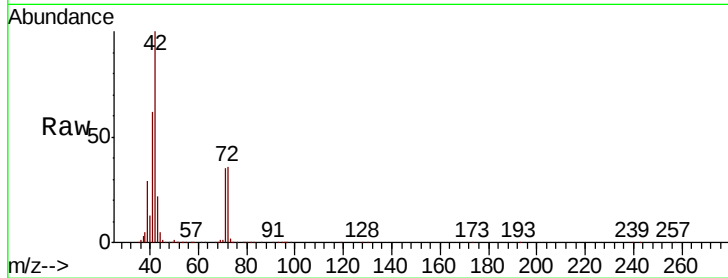
Tot Ion: 42 Resp: 894553

Ion Ratio Lower Upper

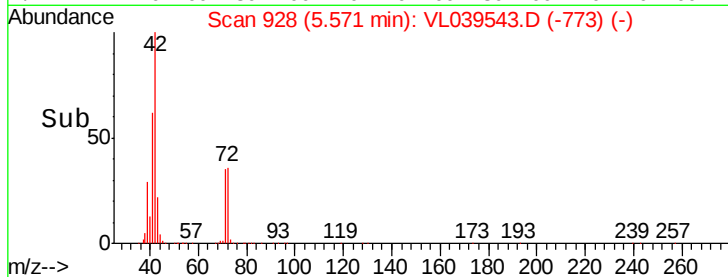
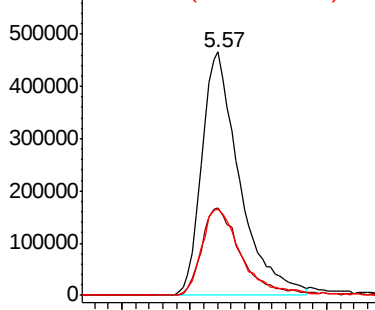
42 100

72 38.8 30.6 45.8

71 38.4 30.7 46.1



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: 9.392 ppbv

RT: 7.26 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VL039543.D

Acq: 17 Aug 2022 8:10

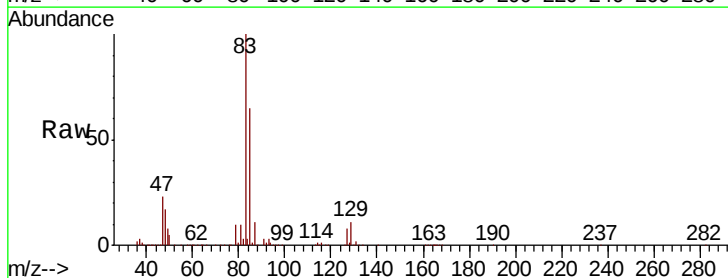
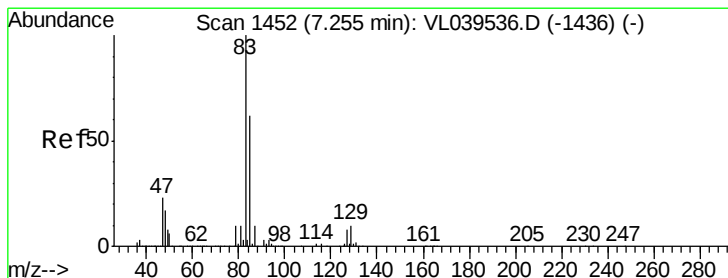
Tgt Ion: 83 Resp: 1667790

Ion Ratio Lower Upper

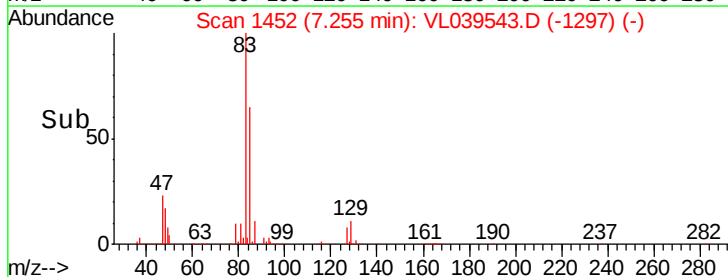
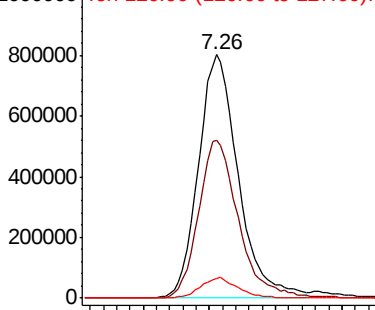
83 100

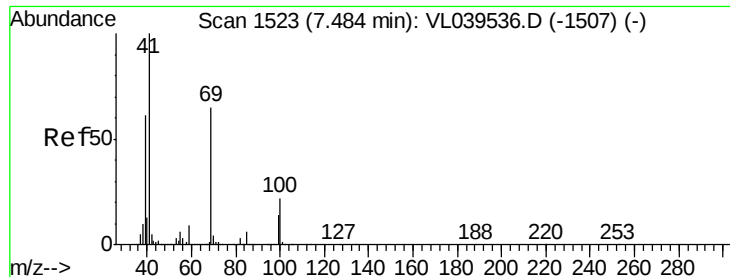
85 65.0 49.9 74.9

127 8.0 6.7 10.1



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: 9.989 ppbv

RT: 7.48

Instrument: MSVOA_1

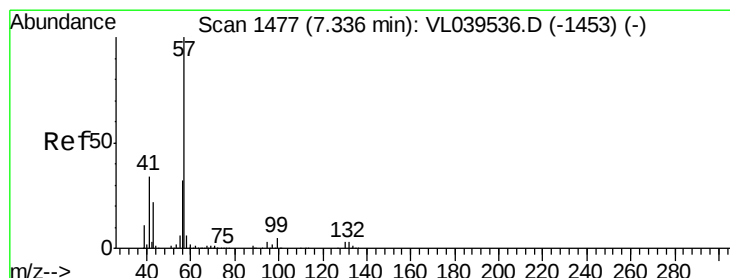
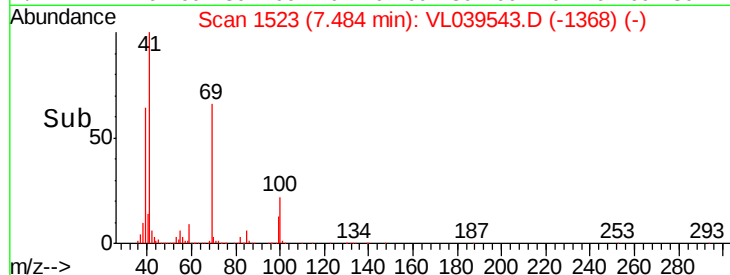
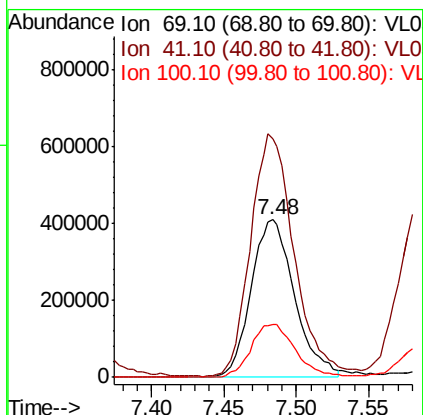
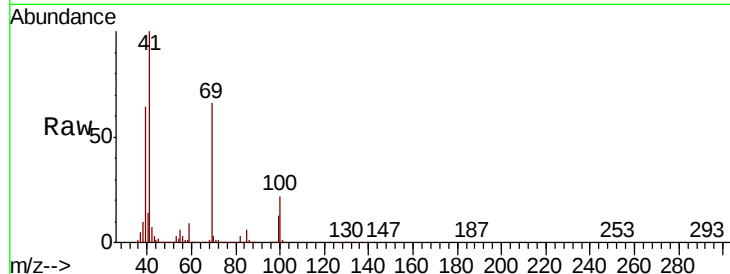
Delta R.T.:

Lab File: ClientSampleId:

Acq: 17 Aug 2022 8:10

Tot Ion: 69 Resp: 854326

Ion	Ratio	Lower	Upper
69	100		
41	155.3	123.0	184.6
100	34.7	27.4	41.2



#44

2,2,4-Trimethylpentane

Concen: 9.451 ppbv

RT: 7.33 min Scan# 1476

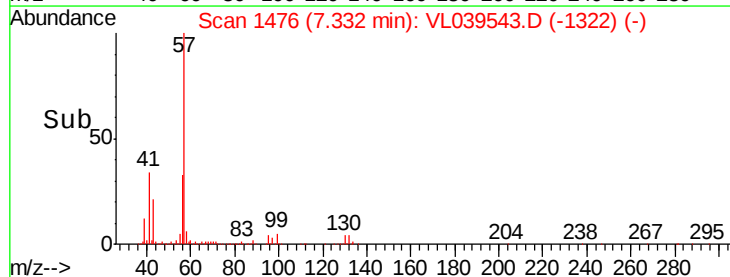
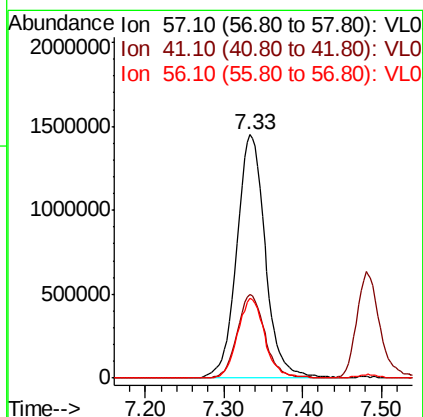
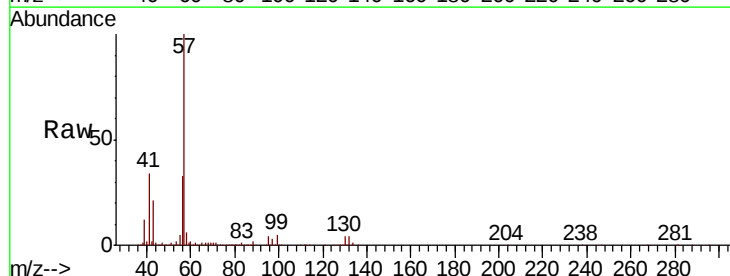
Delta R.T. -0.00 min

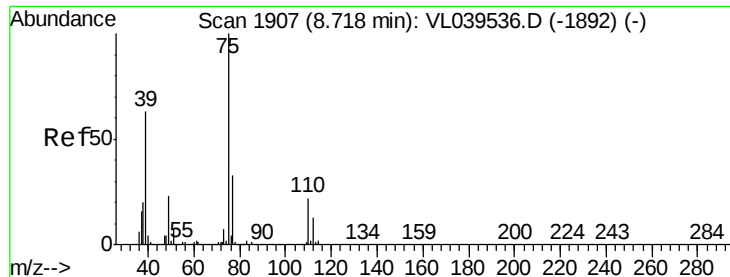
Lab File: VL039543.D

Acq: 17 Aug 2022 8:10

Tgt Ion: 57 Resp: 3687469

Ion	Ratio	Lower	Upper
57	100		
41	33.5	27.8	41.6
56	31.3	25.5	38.3





#45

t-1,3-Dichloropropene

Concen: 11.496 ppbv

RT: 8.71 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

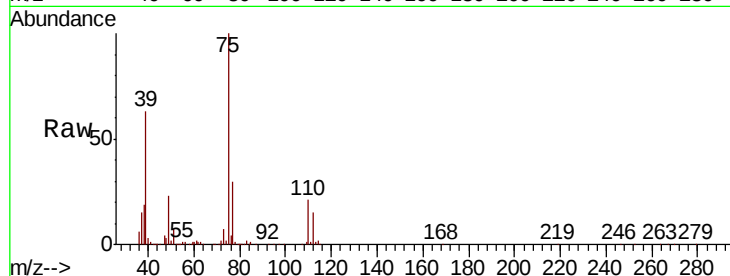
Acq: 17 Aug 2022 8:10

Tot Ion: 75 Resp: 845617

Ion Ratio Lower Upper

75 100

77 30.0 26.2 39.2



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

8.71

400000

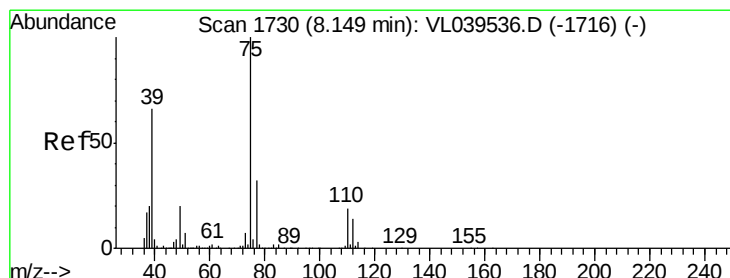
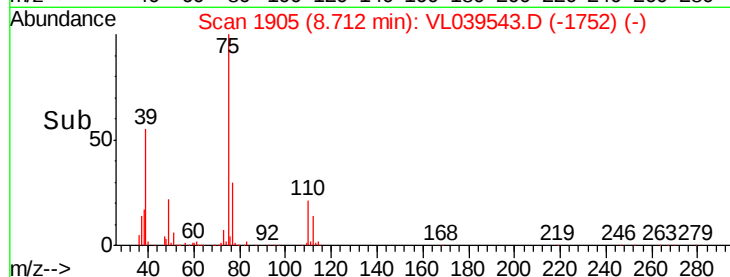
300000

200000

100000

0

Time-->



#46

cis-1,3-Dichloropropene

Concen: 10.880 ppbv

RT: 8.15 min Scan# 1730

Delta R.T. -0.00 min

Lab File: VL039543.D

Acq: 17 Aug 2022 8:10

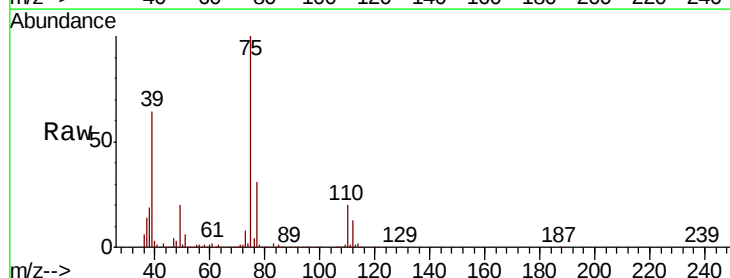
Tgt Ion: 75 Resp: 1126641

Ion Ratio Lower Upper

75 100

39 63.6 52.8 79.2

77 30.8 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

8.15

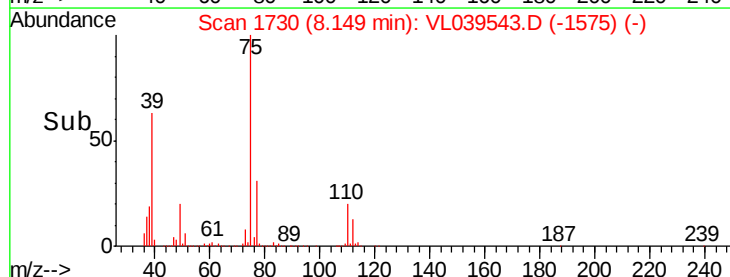
600000

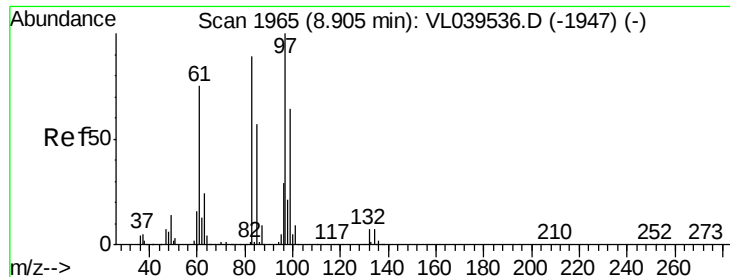
400000

200000

0

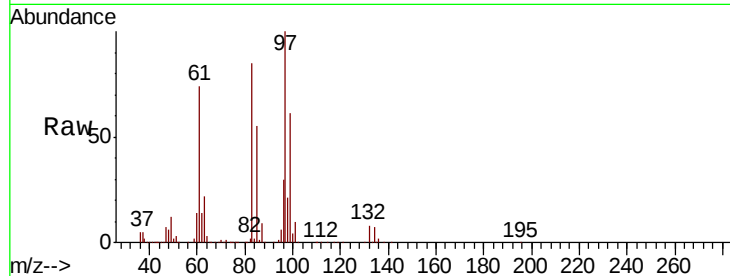
Time-->





#47
 1,1,2-Trichloroethane
 Concen: 9.207 ppbv
 RT: 8.90
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 Aug 2022 8:10

Tot Ion:	97	Resp:	888457
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.8	106.2
85	54.9	45.4	68.2
99	61.0	51.5	77.3



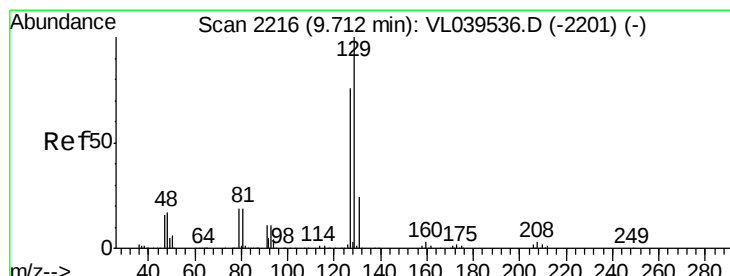
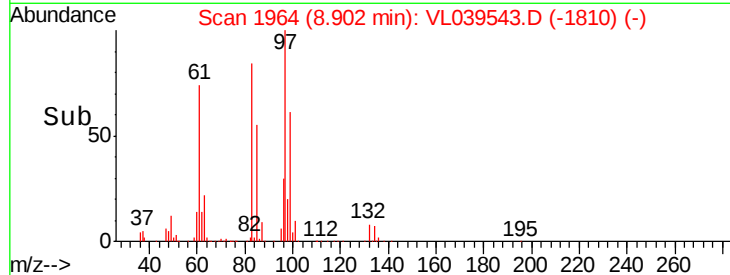
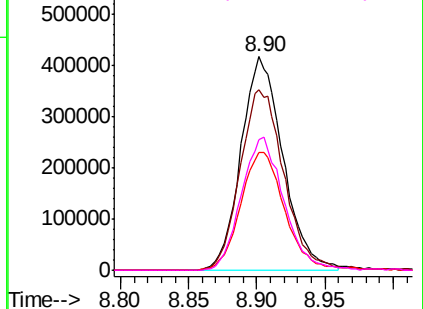
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

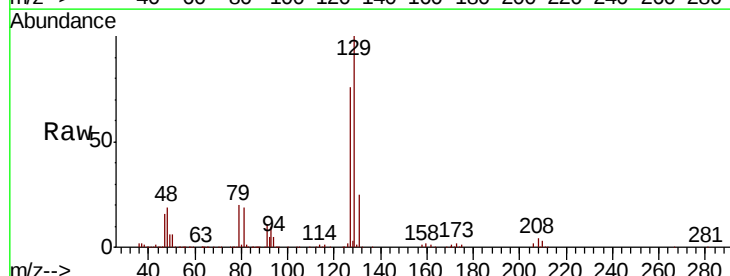
Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 9.819 ppbv
 RT: 9.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: VL039543.D
 Acq: 17 Aug 2022 8:10

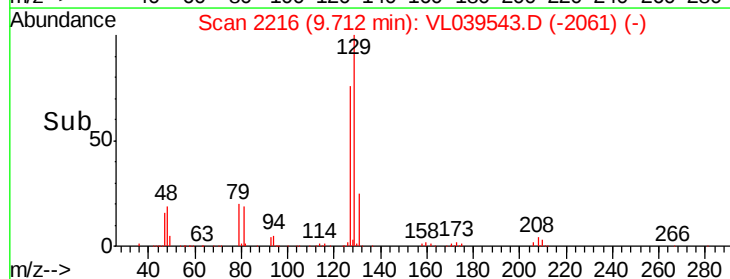
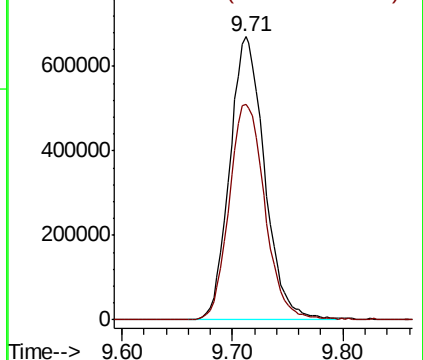
Tgt Ion:	129	Resp:	1466722
Ion	Ratio	Lower	Upper
129	100		
127	78.6	38.8	116.3

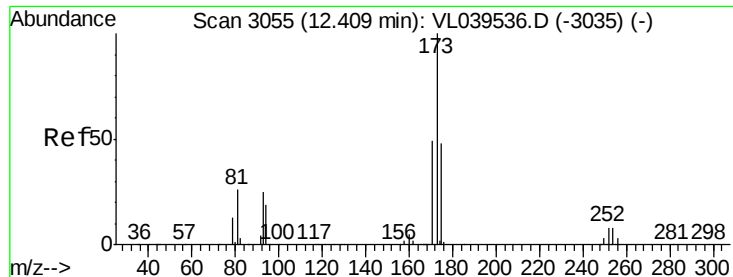


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.969 ppbv

RT: 12.41

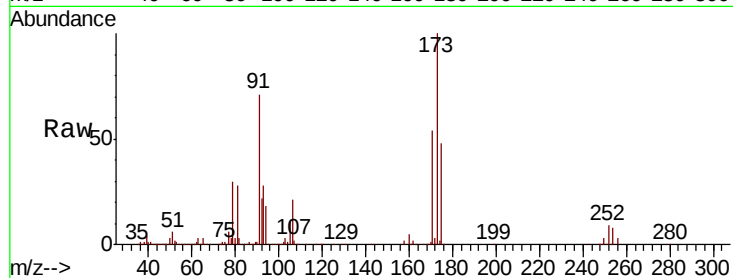
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 Aug 2022 8:10

Tot Ion:173 Resp: 1218981

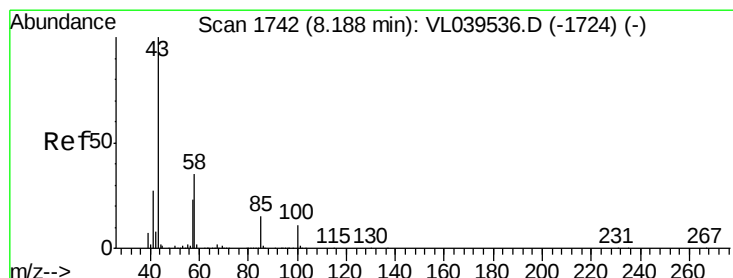
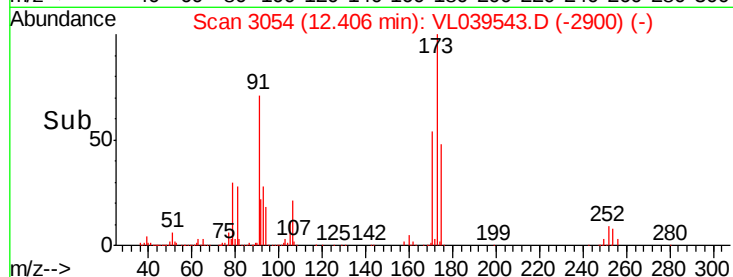
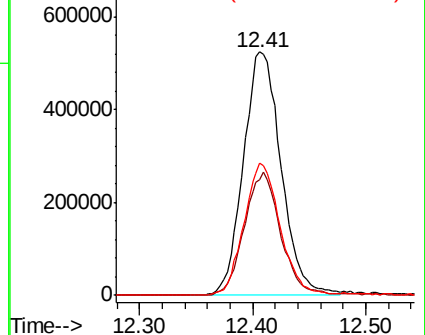
Ion	Ratio	Lower	Upper
173	100		
175	49.3	0.0	0.0#
171	52.8	0.0	0.0#



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: 10.036 ppbv

RT: 8.19 min Scan# 1742

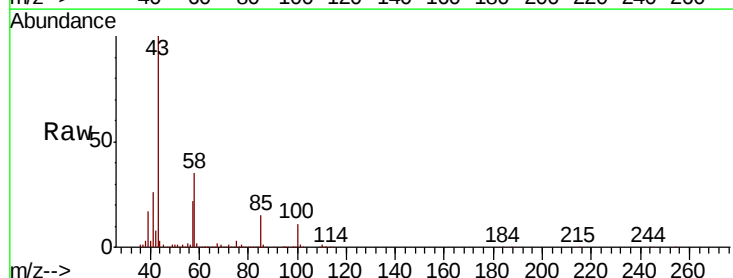
Delta R.T. -0.00 min

Lab File: VL039543.D

Acq: 17 Aug 2022 8:10

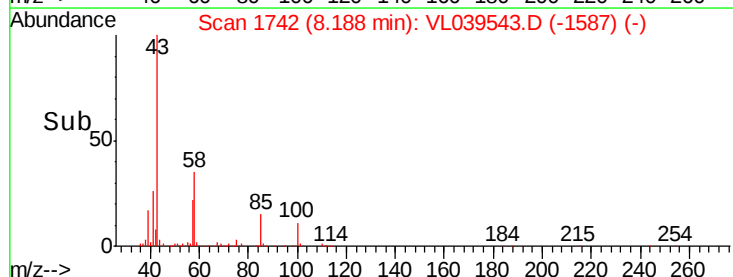
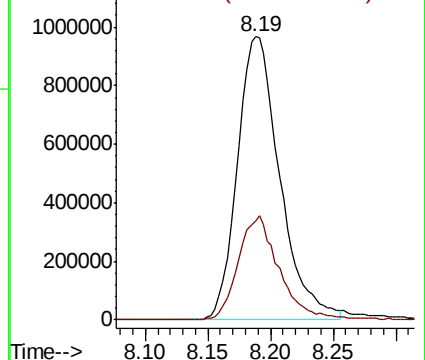
Tgt Ion: 43 Resp: 2274581

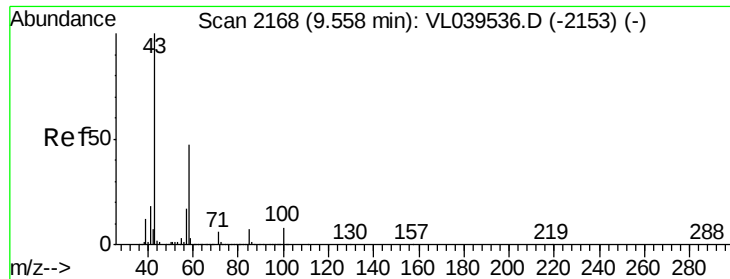
Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.0	42.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

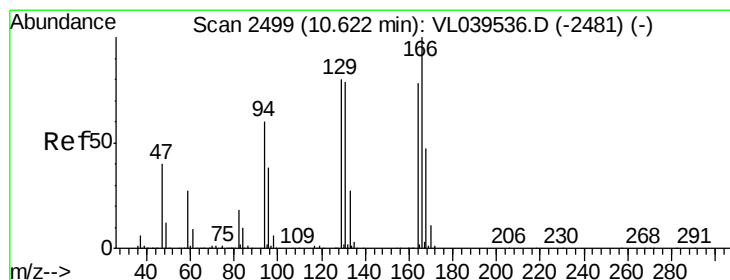
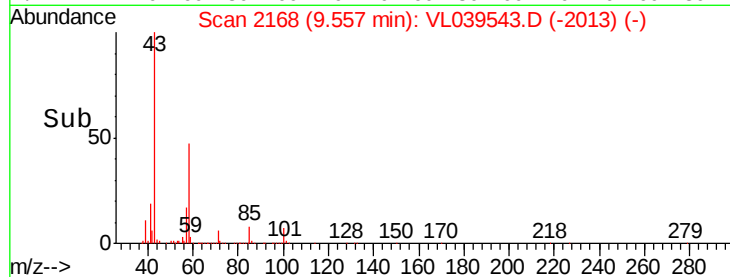
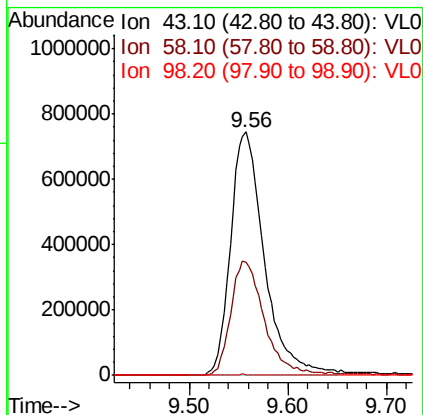
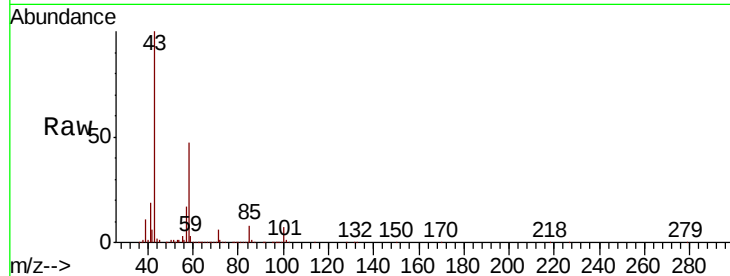
Ion 58.10 (57.80 to 58.80): VL0





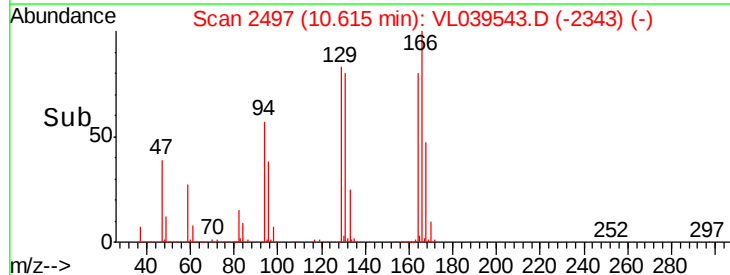
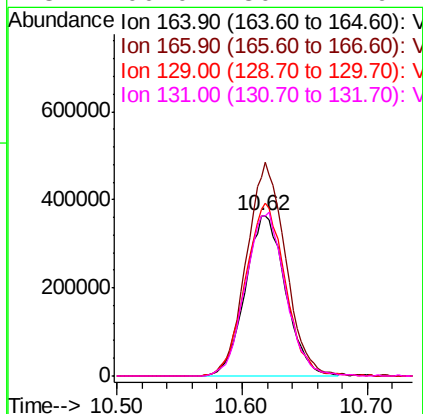
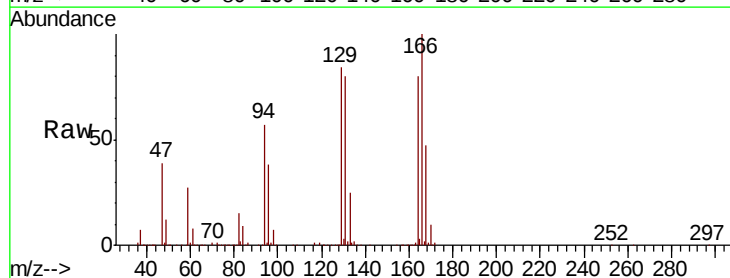
#51
2-Hexanone
Concen: 10.330 ppbv
RT: 9.56
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Aug 2022 8:10

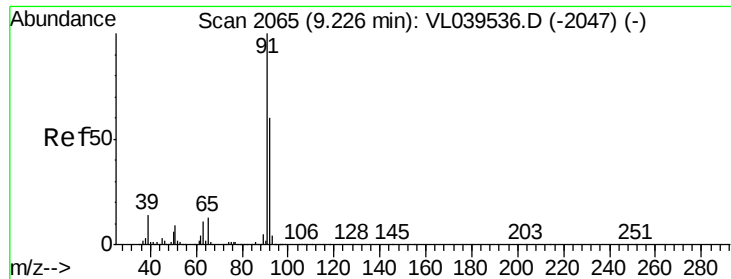
Tot Ion	Ratio	Lower	Upper
43	100		
58	47.9	37.5	56.3
98	0.3	0.5	0.7#



#52
Tetrachloroethene
Concen: 8.986 ppbv
RT: 10.62 min Scan# 2497
Delta R.T. -0.01 min
Lab File: VL039543.D
Acq: 17 Aug 2022 8:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	102.0	153.0
129	103.8	81.7	122.5
131	100.0	80.2	120.2





#53

Toluene

Concen: 9.943 ppbv

RT: 9.23 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: ICVVL081722

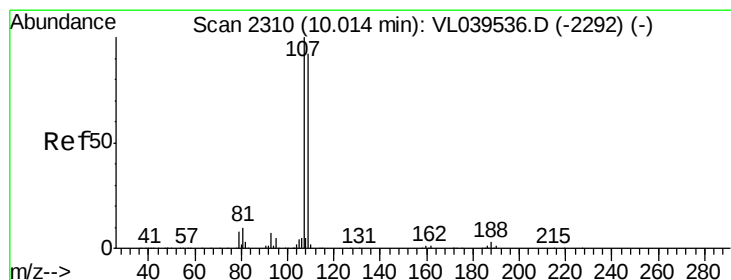
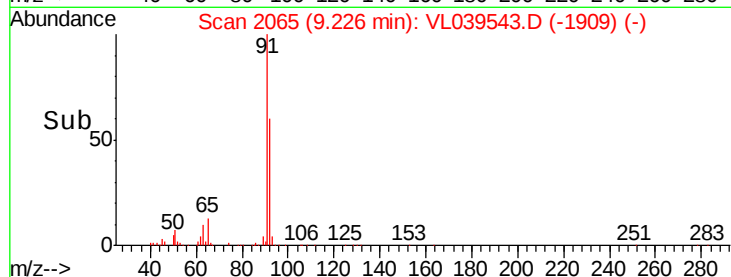
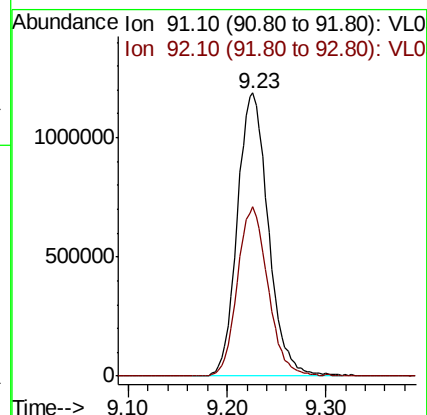
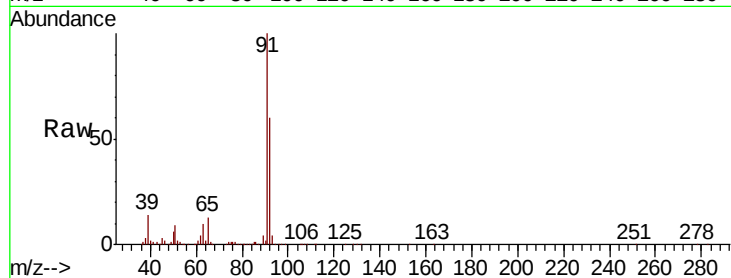
Acq: 17 Aug 2022 8:10

Tot Ion: 91 Resp: 2595666

Ion Ratio Lower Upper

91 100

92 59.5 47.9 71.9



#54

1,2-Dibromoethane

Concen: 9.347 ppbv

RT: 10.01 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VL039543.D

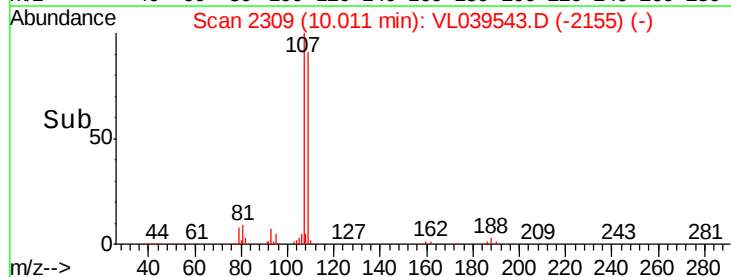
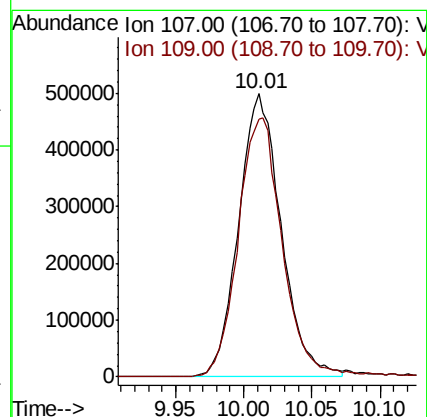
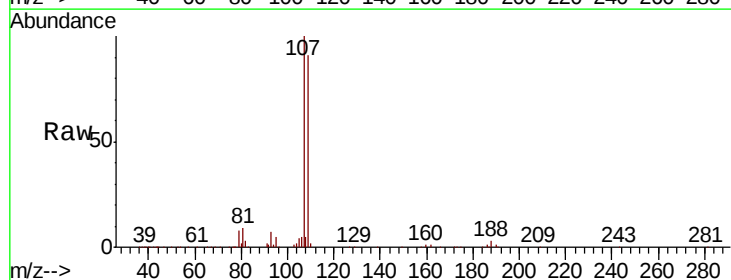
Acq: 17 Aug 2022 8:10

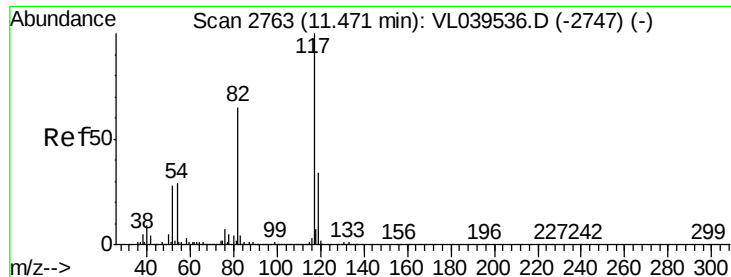
Tgt Ion: 107 Resp: 1074323

Ion Ratio Lower Upper

107 100

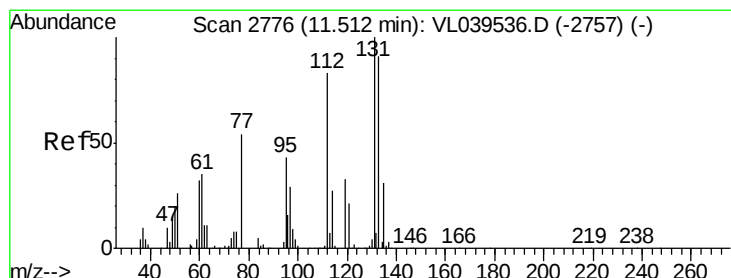
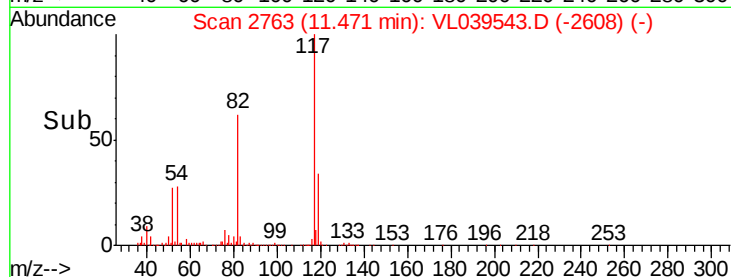
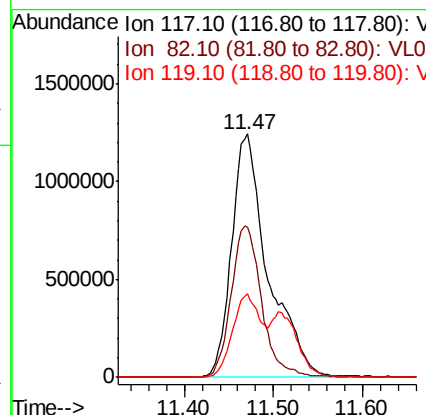
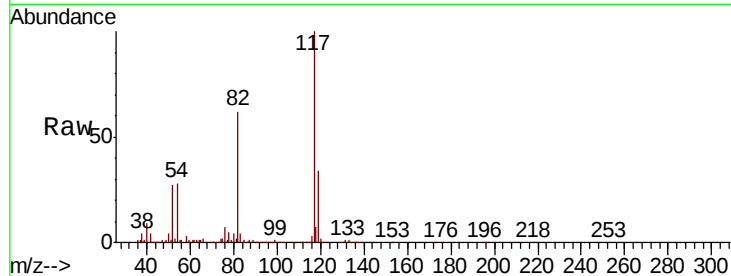
109 90.6 73.4 110.2





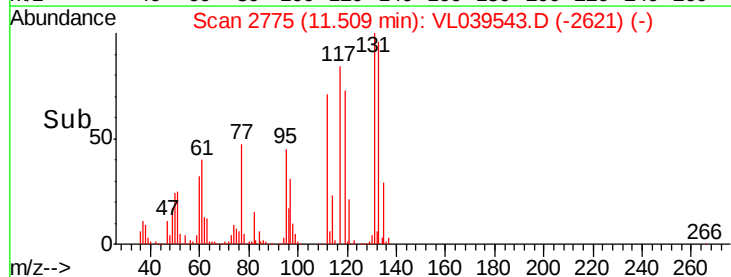
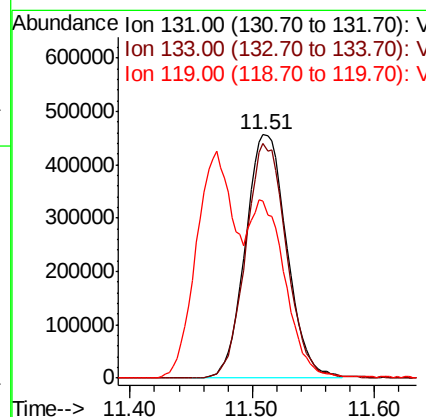
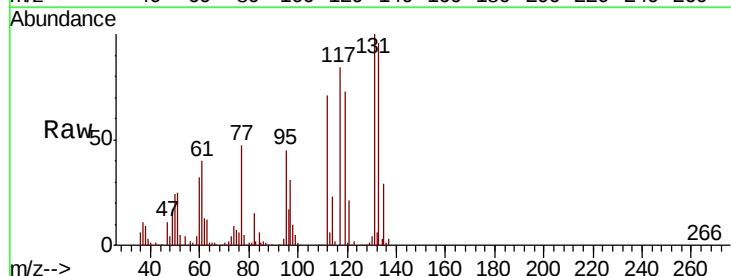
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.47 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 17 Aug 2022 8:10

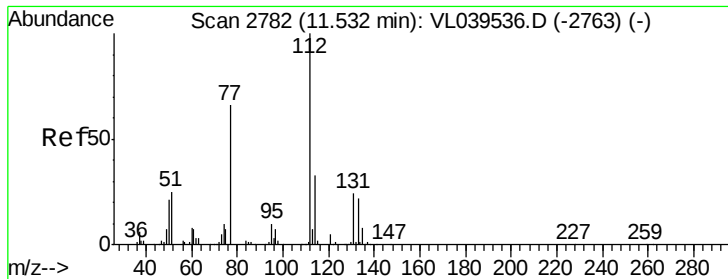
Tot Ion:117 Resp: 3528279
Ion Ratio Lower Upper
117 100
82 52.5 49.1 73.7
119 25.5 25.9 38.9#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.194 ppbv
RT: 11.51 min Scan# 2775
Delta R.T.: -0.00 min
Lab File: VL039543.D
Acq: 17 Aug 2022 8:10

Tgt Ion:131 Resp: 1067910
Ion Ratio Lower Upper
131 100
133 95.3 75.4 113.2
119 65.0 47.4 71.2





#57

Chlorobenzene

Concen: 7.248 ppbv

RT: 11.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 8:10

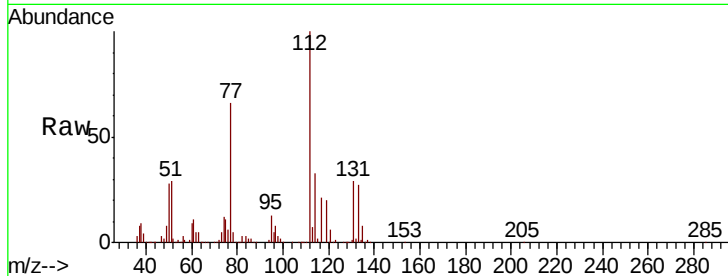
Tot Ion: 112 Resp: 1930099

Ion Ratio Lower Upper

112 100

77 65.4 53.4 80.0

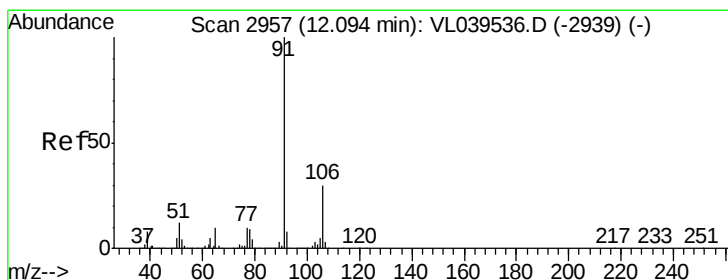
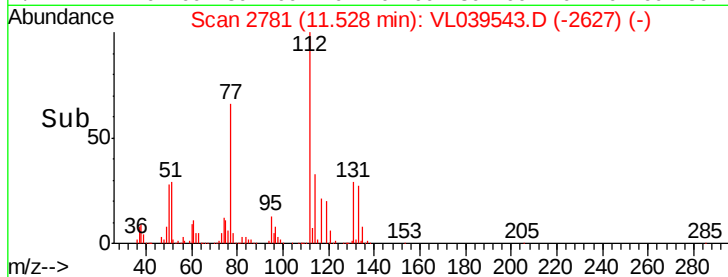
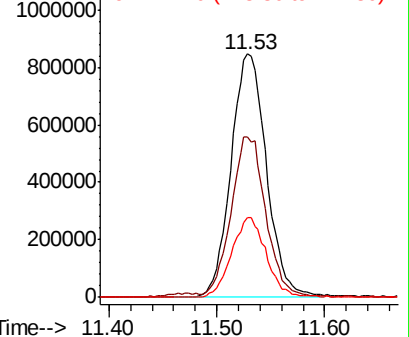
114 32.4 29.5 36.1



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: 7.790 ppbv

RT: 12.09 min Scan# 2956

Delta R.T. -0.00 min

Lab File: VL039543.D

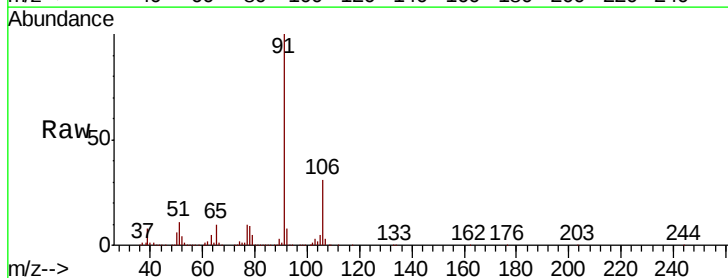
Acq: 17 Aug 2022 8:10

Tgt Ion: 91 Resp: 3330768

Ion Ratio Lower Upper

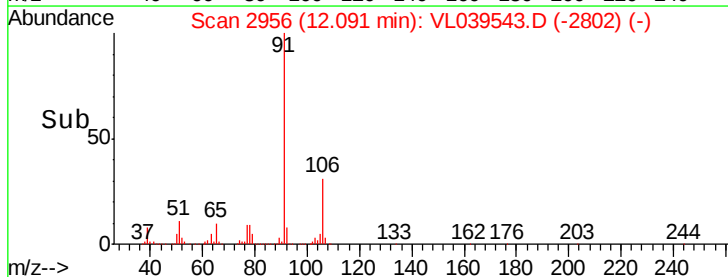
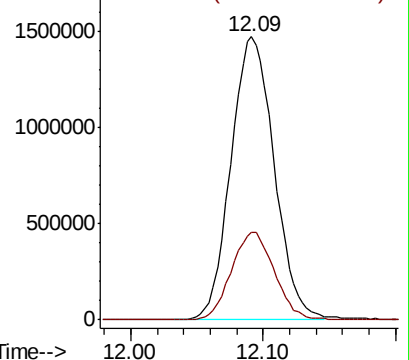
91 100

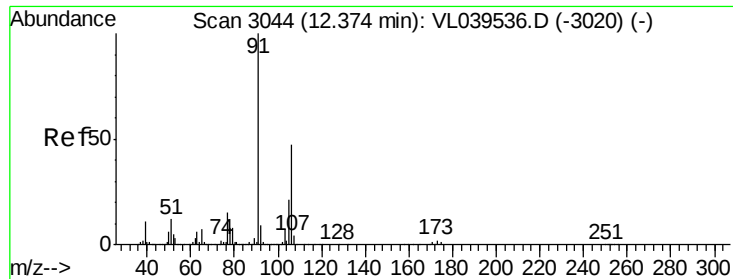
106 31.0 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

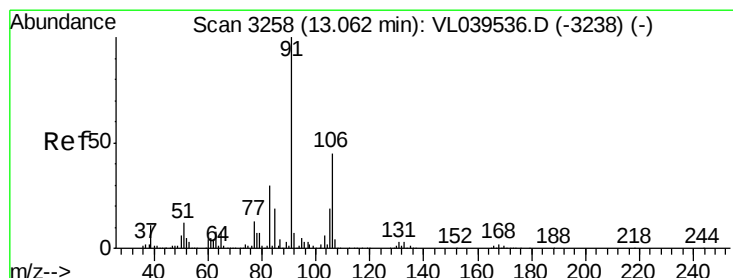
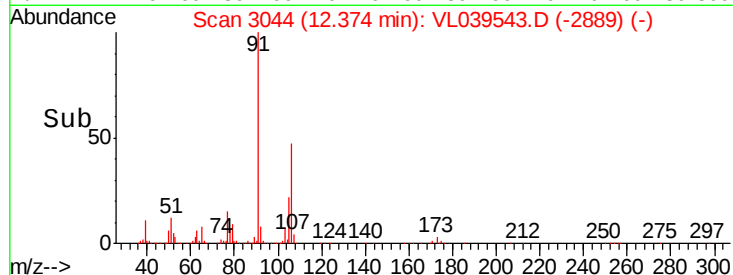
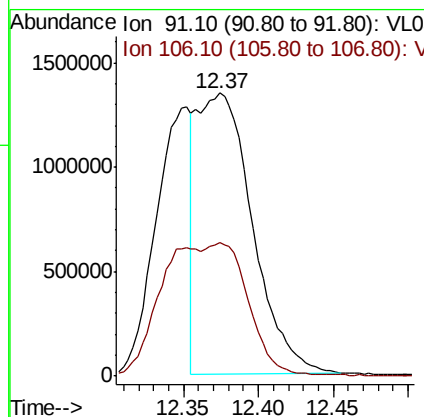
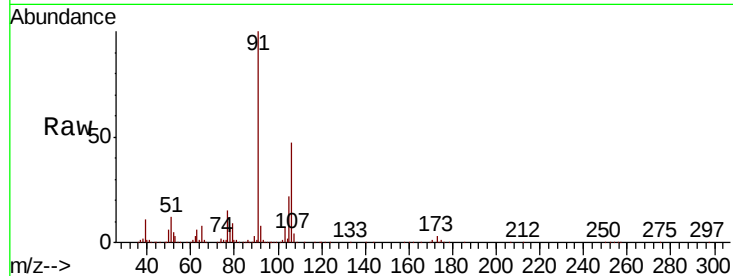
Ion 106.10 (105.80 to 106.80): V





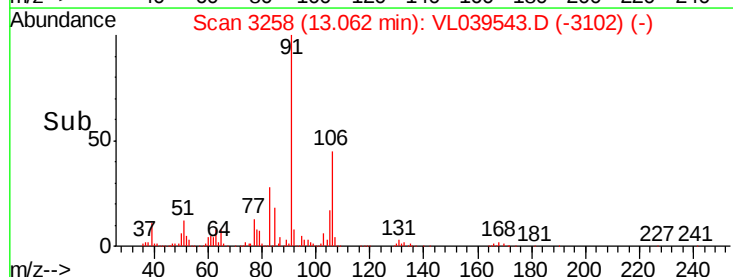
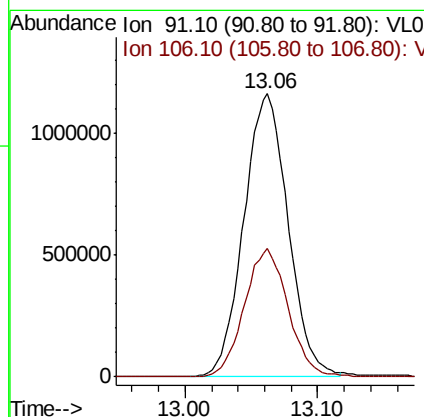
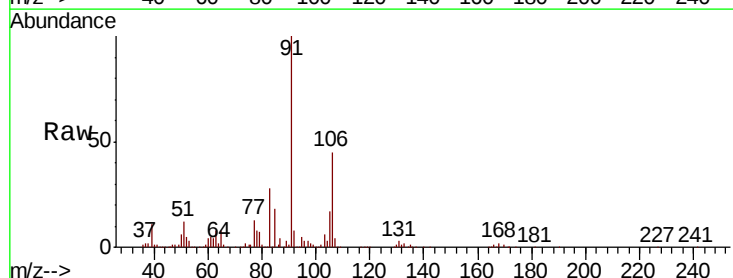
#59
m/p-Xylene
Concen: 9.102 ppbv
RT: 12.37 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Aug 2022 8:10

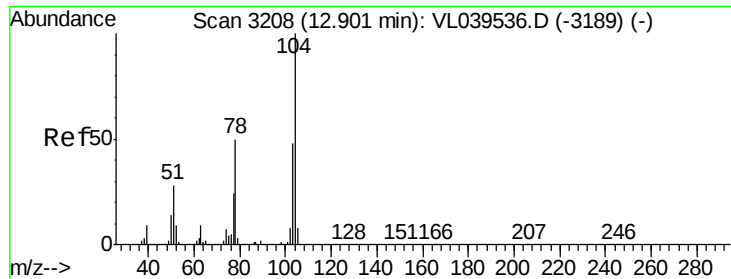
Tot Ion: 91 Resp: 3453302
Ion Ratio Lower Upper
91 100
106 73.7 0.0 0.0#



#60
o-Xylene
Concen: 7.435 ppbv
RT: 13.06 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VL039543.D
Acq: 17 Aug 2022 8:10

Tgt Ion: 91 Resp: 2690005
Ion Ratio Lower Upper
91 100
106 45.0 22.7 68.0





#61

Stvrene

Concen: 8.400 ppbv

RT: 12.90

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 8:10

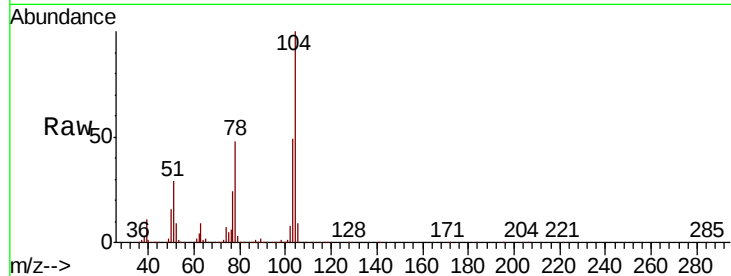
Tot Ion:104 Resp: 1630249

Ion Ratio Lower Upper

104 100

78 50.4 40.0 60.0

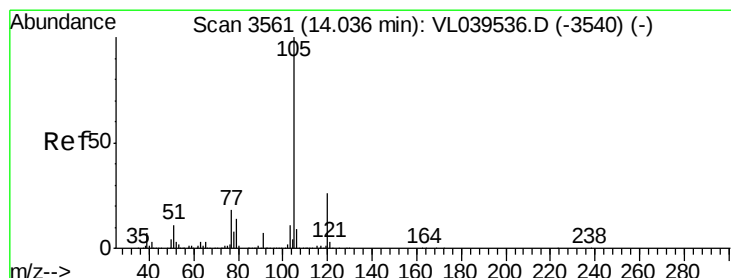
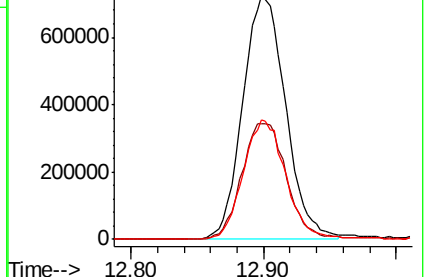
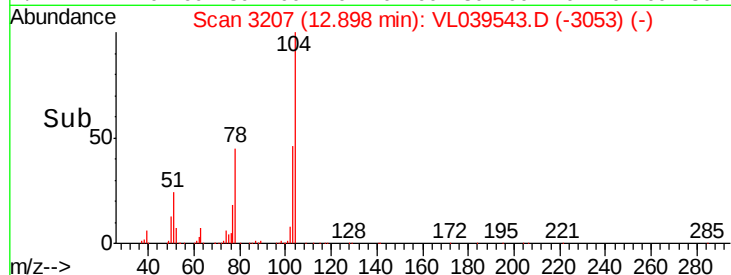
103 49.0 38.2 57.2



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: 7.151 ppbv

RT: 14.03 min Scan# 3560

Delta R.T. -0.00 min

Lab File: VL039543.D

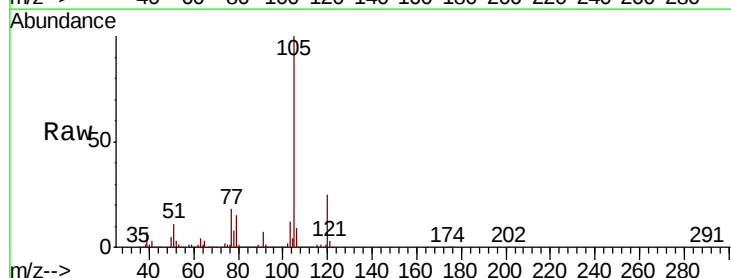
Acq: 17 Aug 2022 8:10

Tgt Ion:105 Resp: 3917001

Ion Ratio Lower Upper

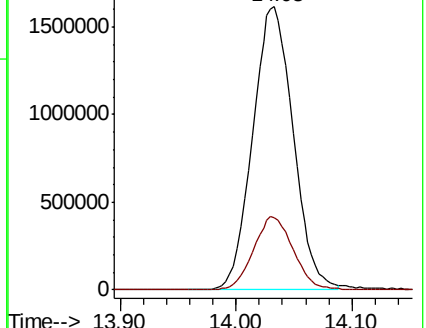
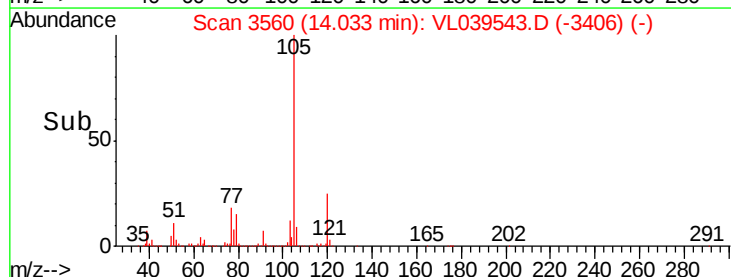
105 100

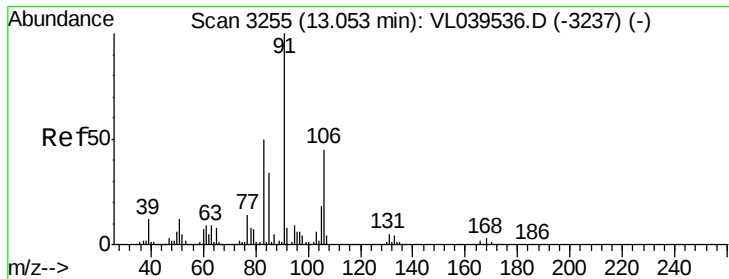
120 25.6 20.6 30.8



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: 6.128 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 8:10

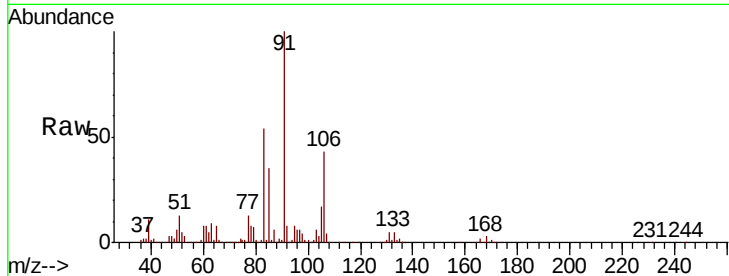
Tot Ion: 83 Resp: 1099172

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

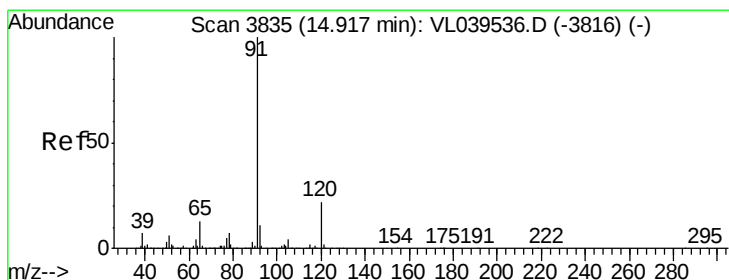
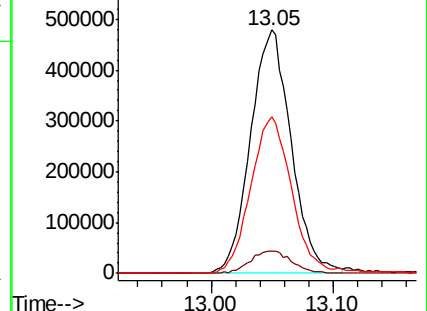
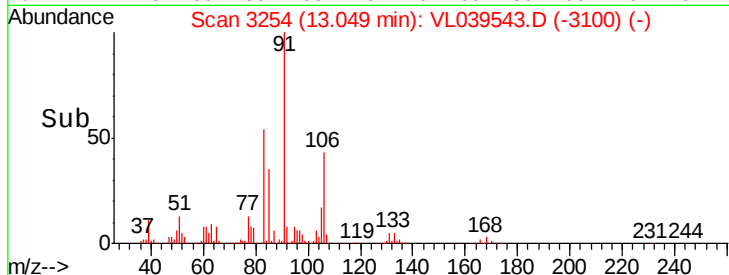
85 65.6 33.2 99.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 7.224 ppbv

RT: 14.92 min Scan# 3835

Delta R.T. -0.00 min

Lab File: VL039543.D

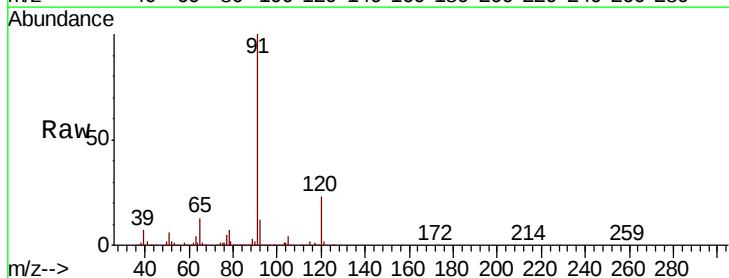
Acq: 17 Aug 2022 8:10

Tgt Ion:120 Resp: 1014316

Ion Ratio Lower Upper

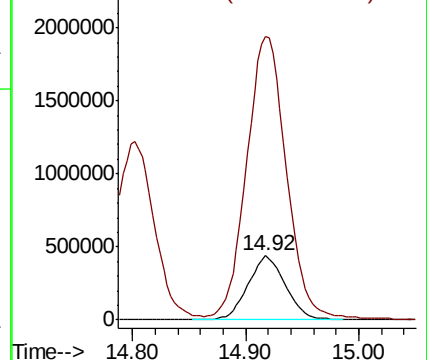
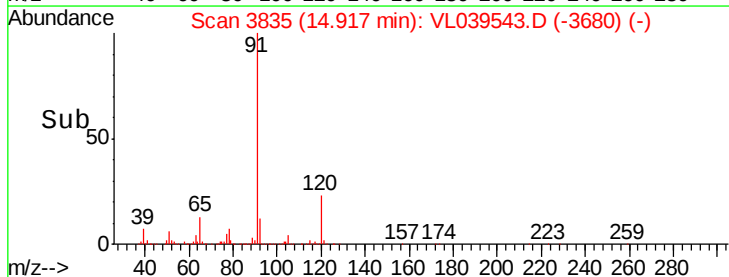
120 100

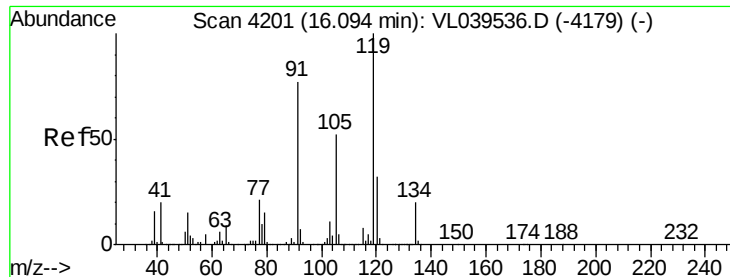
91 472.1 372.6 559.0



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 6.897 ppbv

RT: 16.09

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 8:10

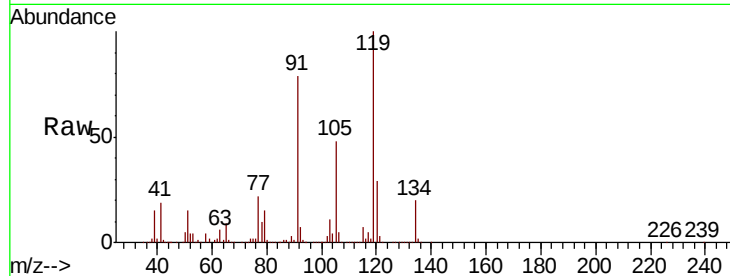
Tot Ion: 119 Resp: 3431669

Ion Ratio Lower Upper

119 100

91 79.9 63.8 95.8

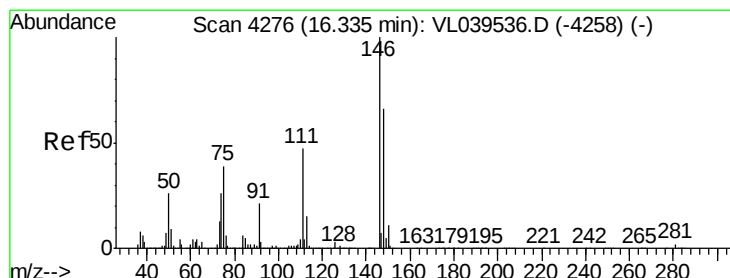
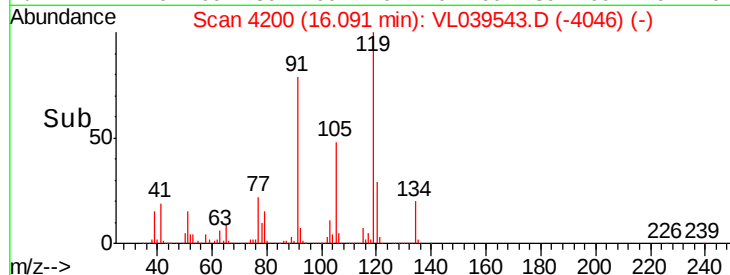
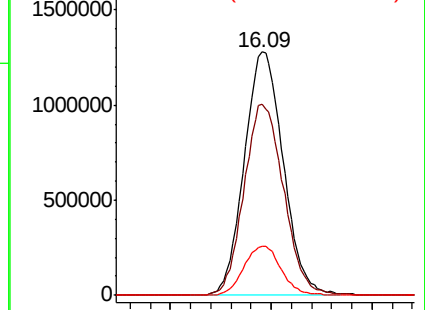
134 19.4 15.4 23.2



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 7.510 ppbv

RT: 16.33 min Scan# 4274

Delta R.T. -0.01 min

Lab File: VL039543.D

Acq: 17 Aug 2022 8:10

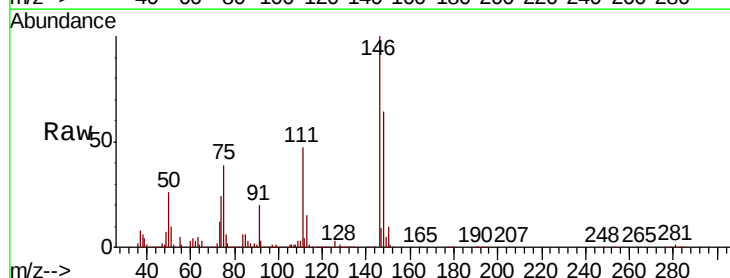
Tgt Ion: 91 Resp: 323251

Ion Ratio Lower Upper

91 100

126 16.5 0.0 0.0#

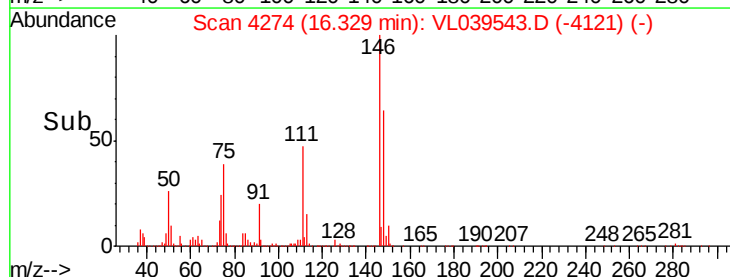
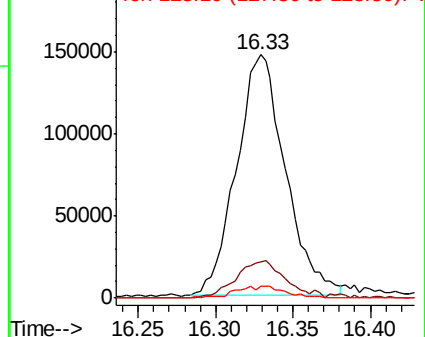
128 5.2 1.5 2.3#

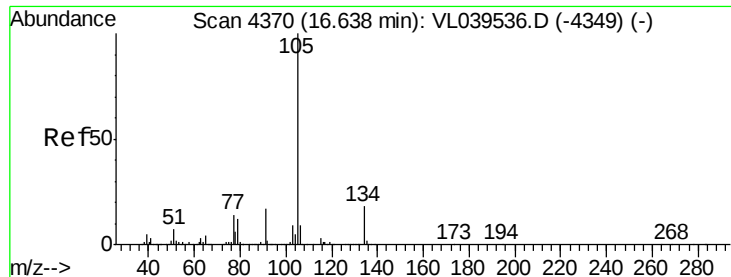


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 7.065 ppbv

RT: 16.64

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

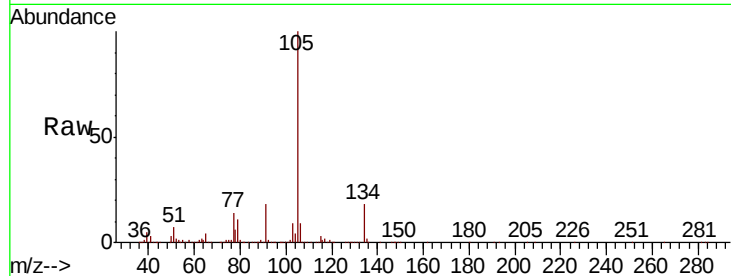
Acq: 17 Aug 2022 8:10

Tot Ion: 105 Resp: 4819236

Ion Ratio Lower Upper

105 100

134 17.8 14.3 21.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

16.64

2000000

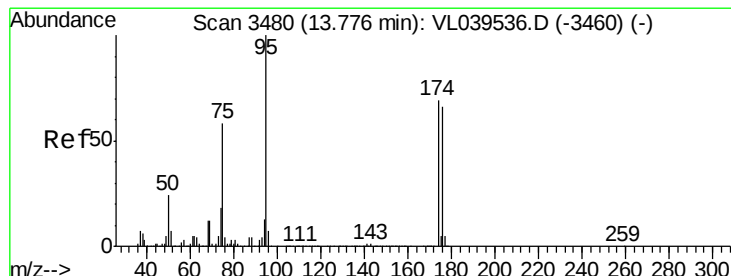
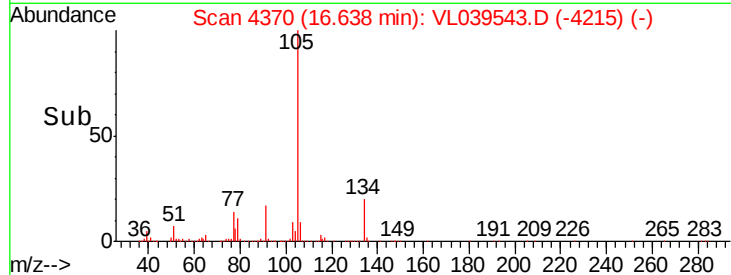
1500000

1000000

500000

0

Time--> 16.50 16.60 16.70



#68

1-Bromo-4-Fluorobenzene

Concen: 8.496 ppbv

RT: 13.78 min Scan# 3480

Delta R.T. -0.00 min

Lab File: VL039543.D

Acq: 17 Aug 2022 8:10

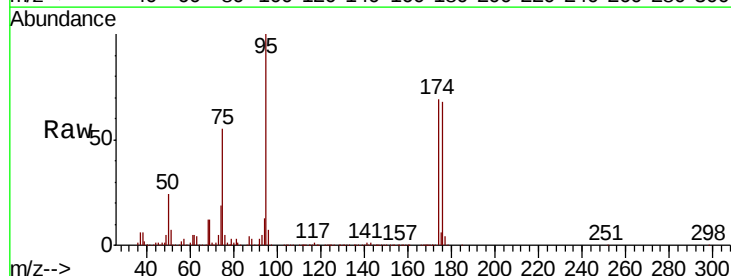
Tgt Ion: 95 Resp: 2241932

Ion Ratio Lower Upper

95 100

174 69.9 56.3 84.5

175 5.5 4.3 6.5



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

1200000

1000000

800000

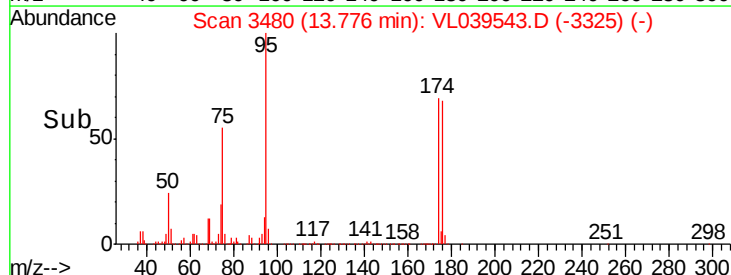
600000

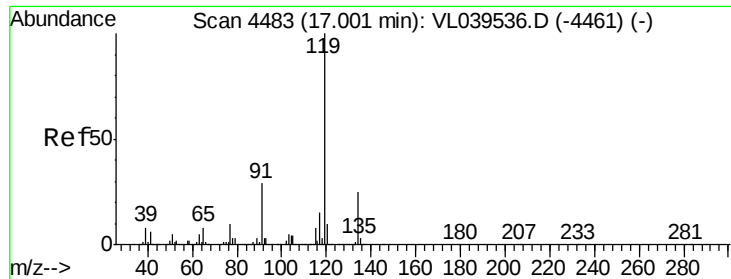
400000

200000

0

Time--> 13.70 13.80

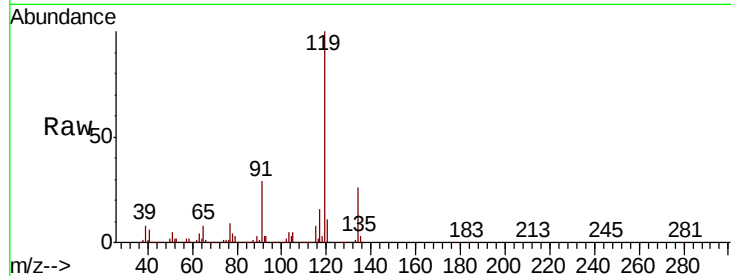




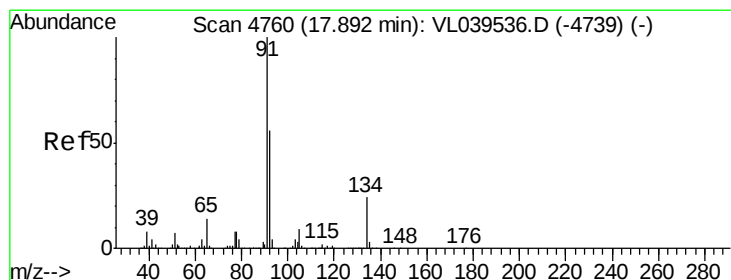
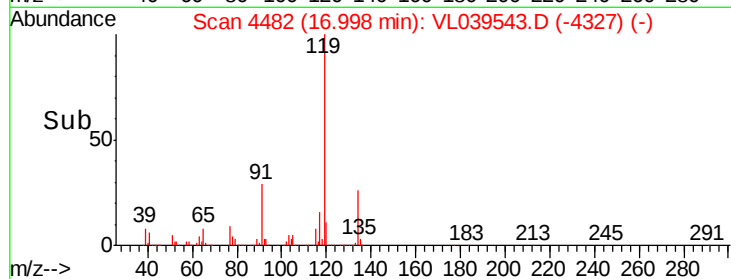
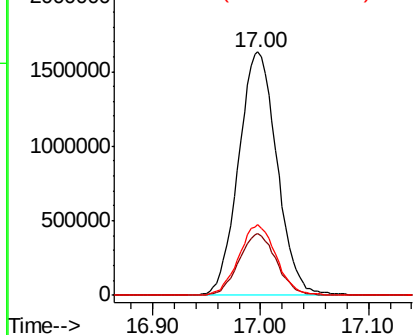
#69
 p-Isopropyltoluene
 Concen: 7.045 ppbv
 RT: 17.00 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 17 Aug 2022 8:10

Tot Ion: 119 Resp: 4035053

Ion	Ratio	Lower	Upper
119	100		
134	25.0	19.8	29.6
91	28.4	22.6	33.8



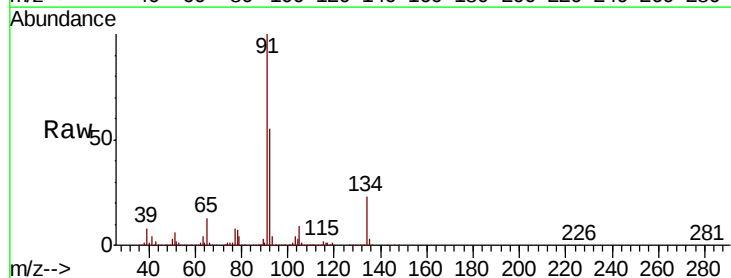
Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V



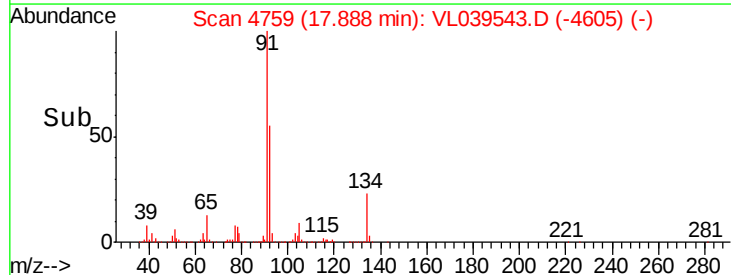
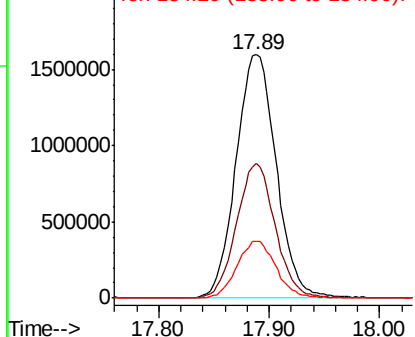
#70
 n-Butylbenzene
 Concen: 7.120 ppbv
 RT: 17.89 min Scan# 4759
 Delta R.T.: -0.00 min
 Lab File: VL039543.D
 Acq: 17 Aug 2022 8:10

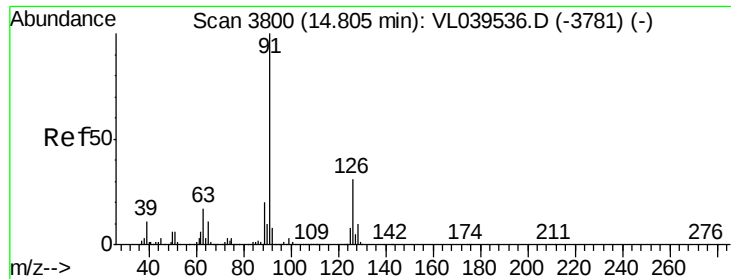
Tgt Ion: 91 Resp: 4014450

Ion	Ratio	Lower	Upper
91	100		
92	53.6	43.0	64.6
134	23.0	18.1	27.1



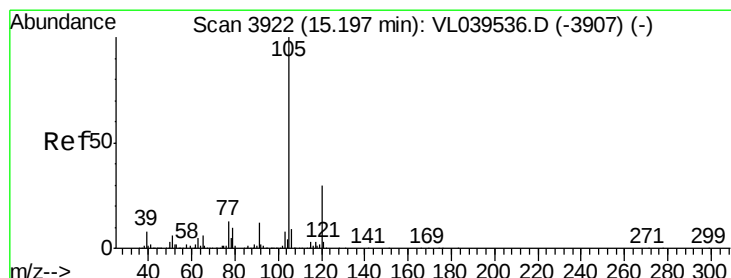
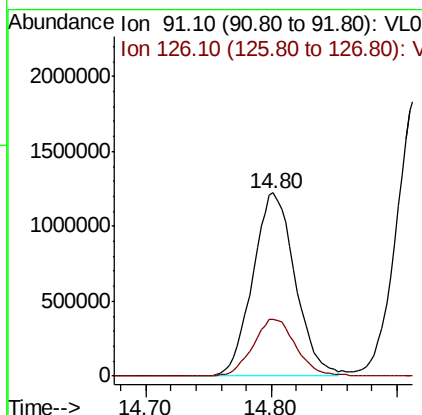
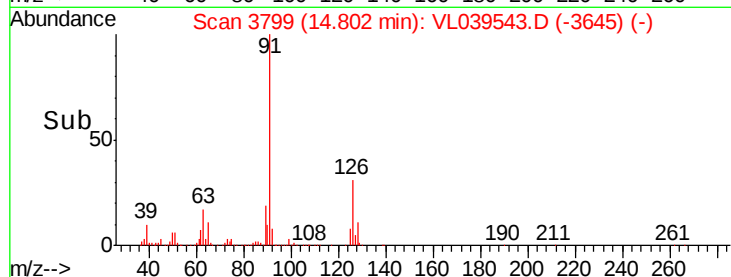
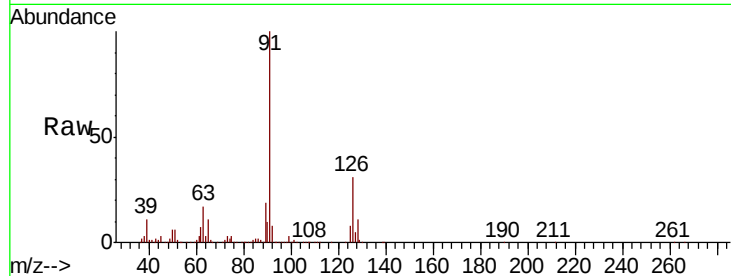
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





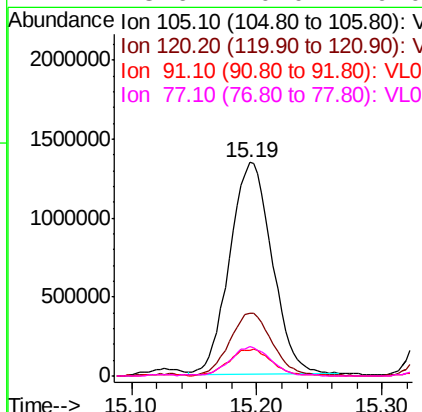
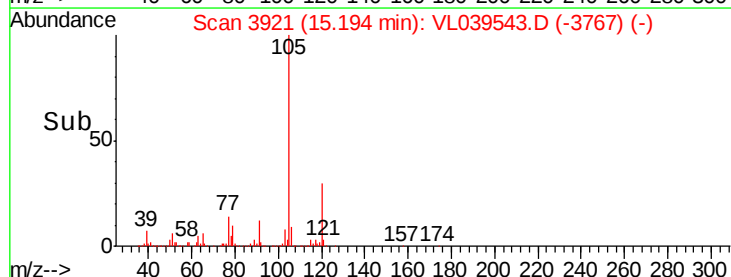
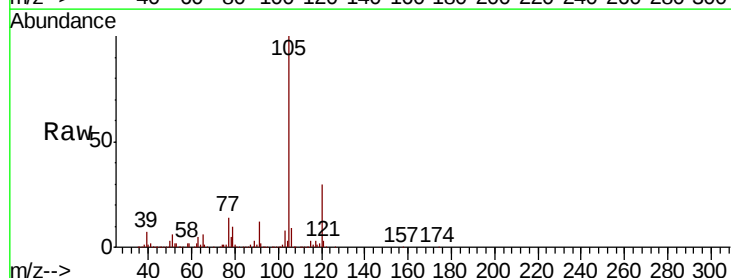
#71
 2-Chlorotoluene
 Concen: 7.264 ppbv
 RT: 14.80 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 17 Aug 2022 8:10

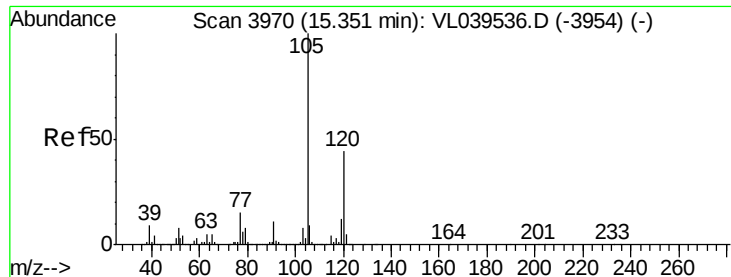
Tot Ion: 91 Resp: 2871415
 Ion Ratio Lower Upper
 91 100
 126 32.2 12.9 51.5



#72
 4-Ethyltoluene
 Concen: 7.448 ppbv
 RT: 15.19 min Scan# 3921
 Delta R.T. -0.00 min
 Lab File: VL039543.D
 Acq: 17 Aug 2022 8:10

Tgt Ion:105 Resp: 3164894
 Ion Ratio Lower Upper
 105 100
 120 30.9 0.0 0.0#
 91 12.6 0.0 0.0#
 77 13.6 0.0 0.0#





#73

1,3,5-Trimethylbenzene

Concen: 7.285 ppbv

RT: 15.35 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: IGVVL081722

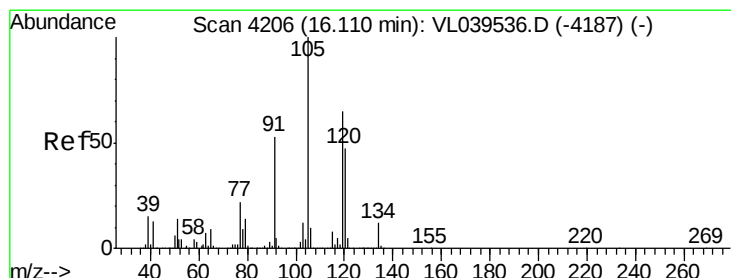
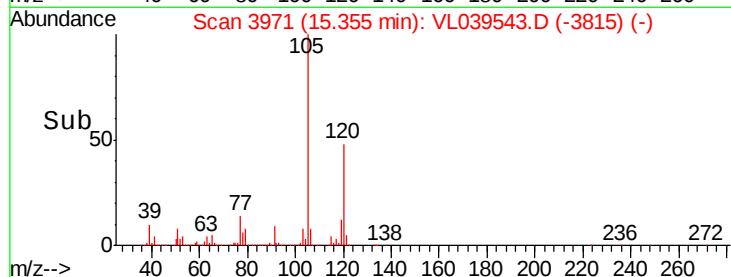
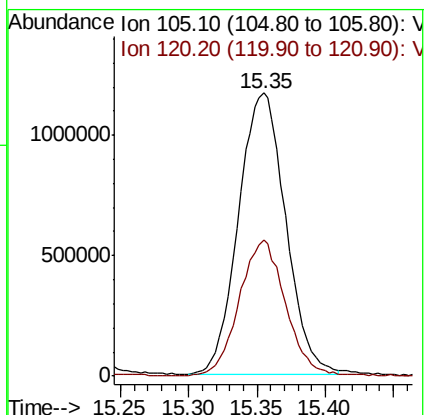
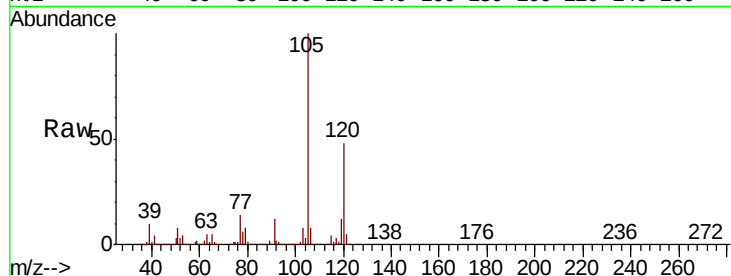
Acq: 17 Aug 2022 8:10

Tot Ion:105 Resp: 2801155

Ion Ratio Lower Upper

105 100

120 48.3 35.4 53.2



#74

1,2,4-Trimethylbenzene

Concen: 6.959 ppbv

RT: 16.11 min Scan# 4206

Delta R.T. -0.00 min

Lab File: VL039543.D

Acq: 17 Aug 2022 8:10

Tgt Ion:105 Resp: 2994217

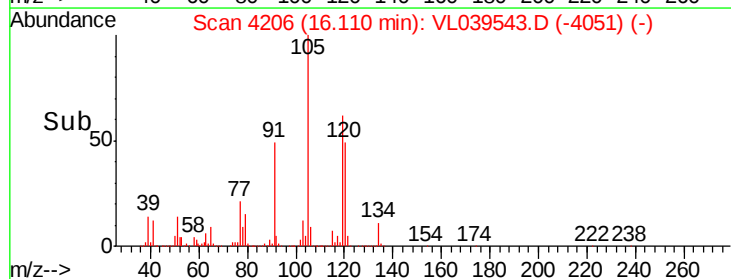
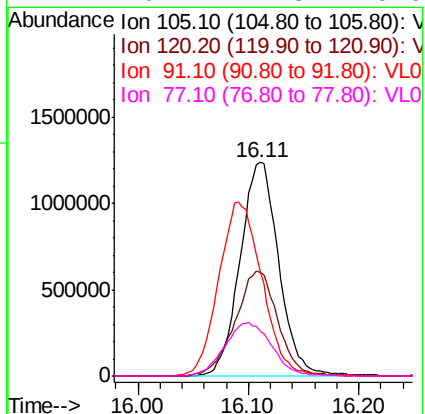
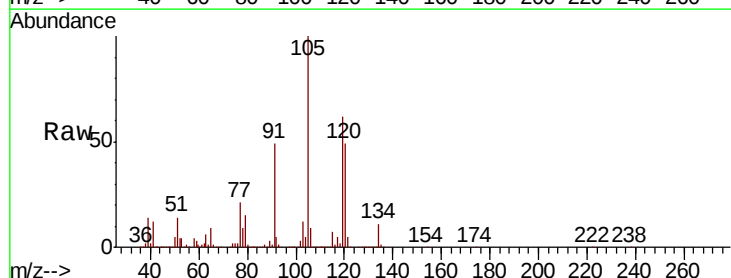
Ion Ratio Lower Upper

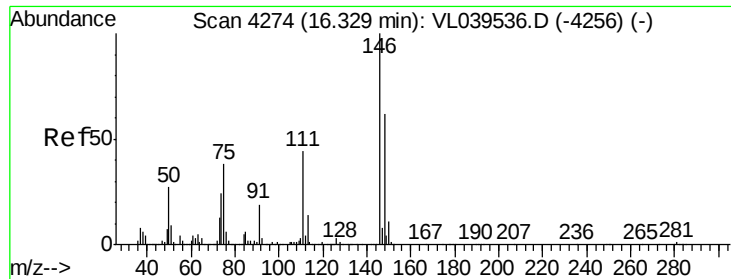
105 100

120 48.5 37.8 56.8

91 48.6 43.8 65.6

77 20.7 17.8 26.6





#75

1,3-Dichlorobenzene

Concen: 6.960 ppbv

RT: 16.34

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 8:10

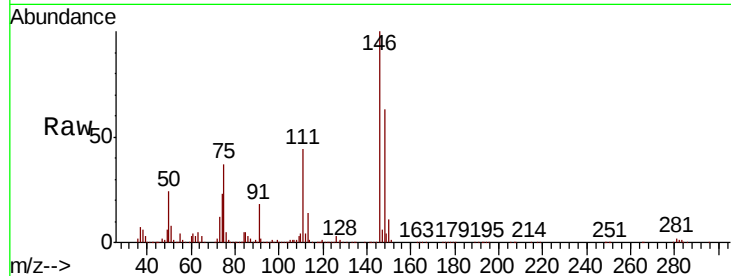
Tot Ion:146 Resp: 1801256

Ion Ratio Lower Upper

146 100

111 45.8 22.9 68.5

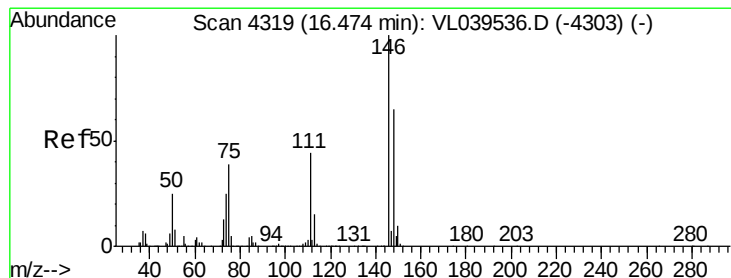
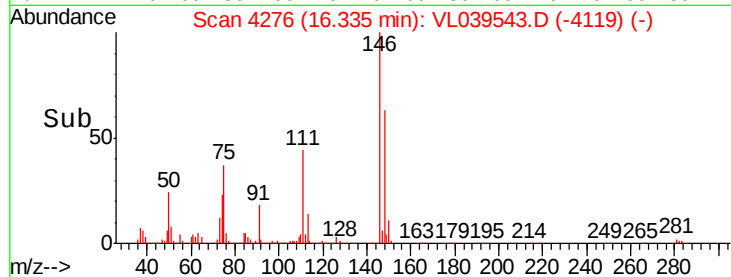
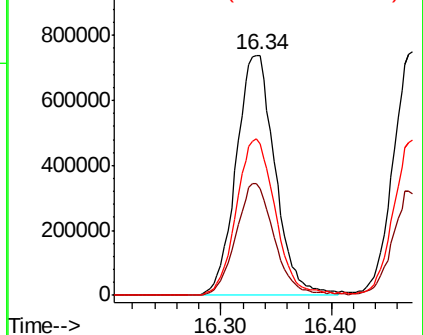
148 65.4 32.4 97.0



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: 6.855 ppbv

RT: 16.47 min Scan# 4319

Delta R.T. -0.00 min

Lab File: VL039543.D

Acq: 17 Aug 2022 8:10

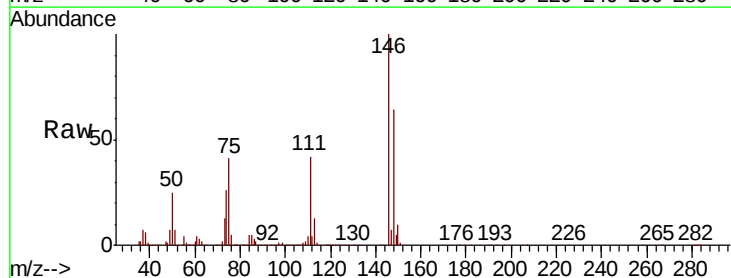
Tgt Ion:146 Resp: 1763851

Ion Ratio Lower Upper

146 100

111 44.9 22.3 66.8

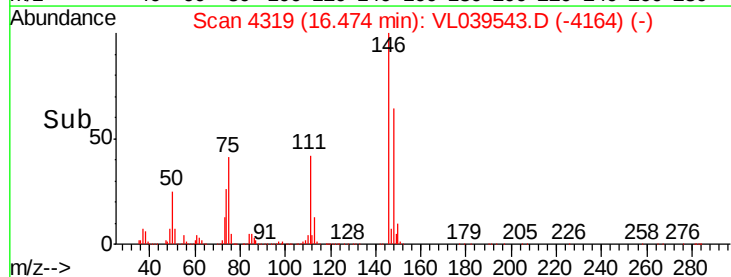
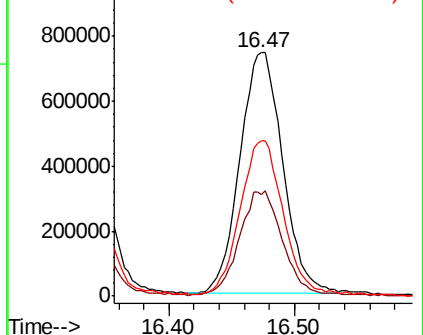
148 65.9 31.5 94.5

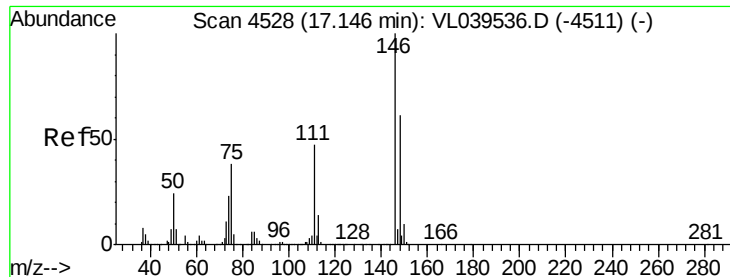


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

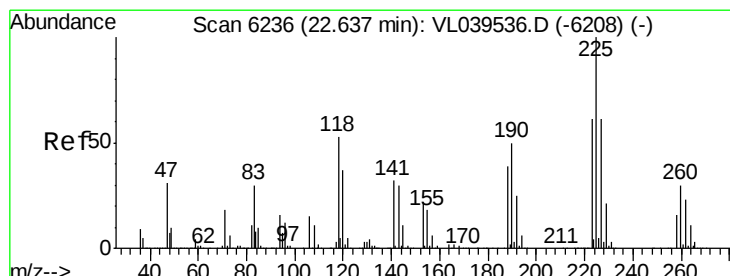
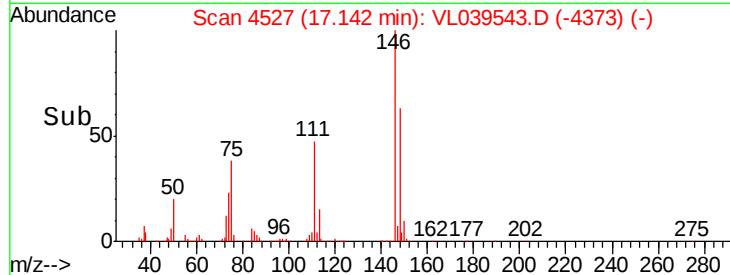
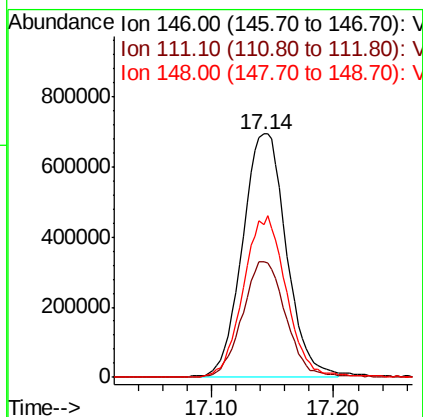
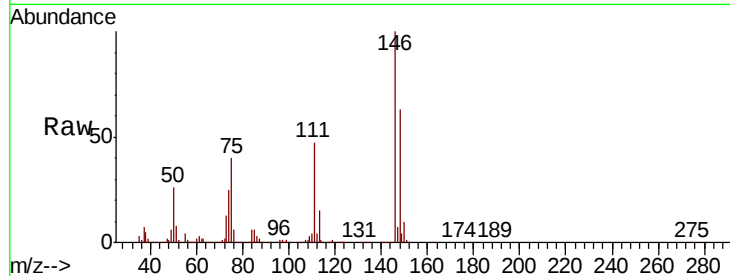




#77
 1,2-Dichlorobenzene
 Concen: 6.737 ppbv
 RT: 17.14 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 17 Aug 2022 8:10

Tot Ion:146 Resp: 1716901

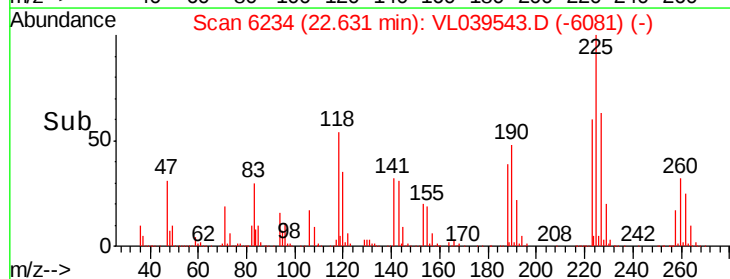
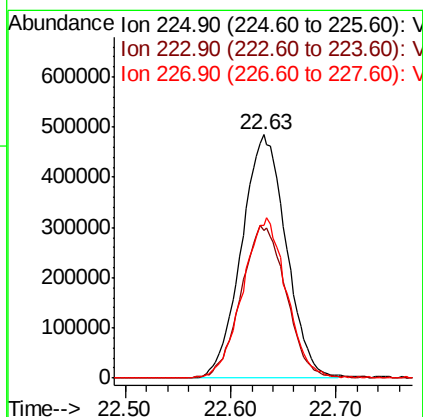
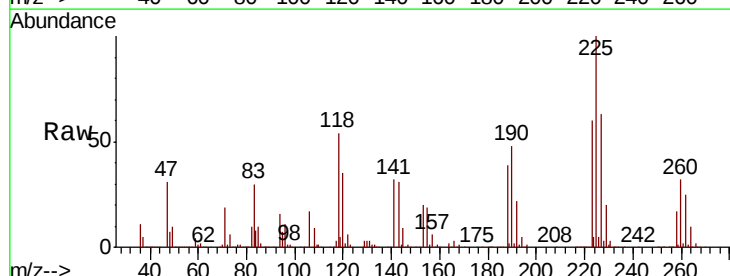
Ion	Ratio	Lower	Upper
146	100		
111	47.4	23.9	71.8
148	65.0	32.6	97.7

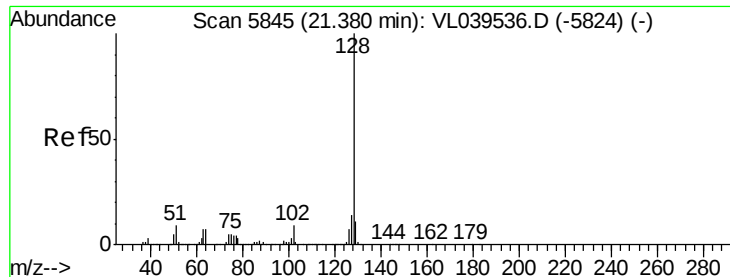


#78
 Hexachloro-1,3-Butadiene
 Concen: 6.938 ppbv
 RT: 22.63 min Scan# 6234
 Delta R.T. -0.01 min
 Lab File: VL039543.D
 Acq: 17 Aug 2022 8:10

Tgt Ion:225 Resp: 1421750

Ion	Ratio	Lower	Upper
225	100		
223	63.6	0.0	0.0#
227	65.0	0.0	0.0#

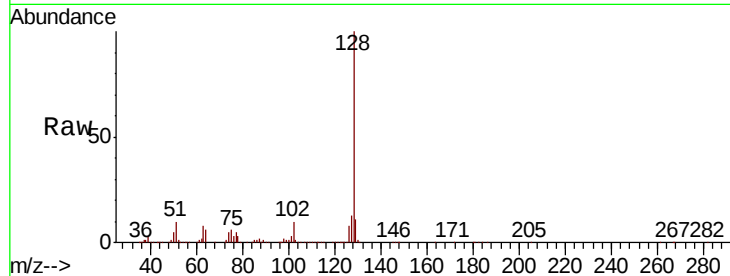




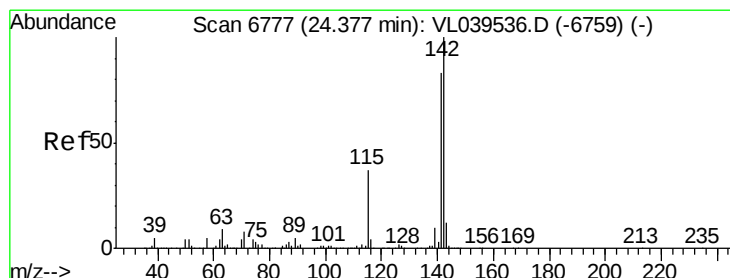
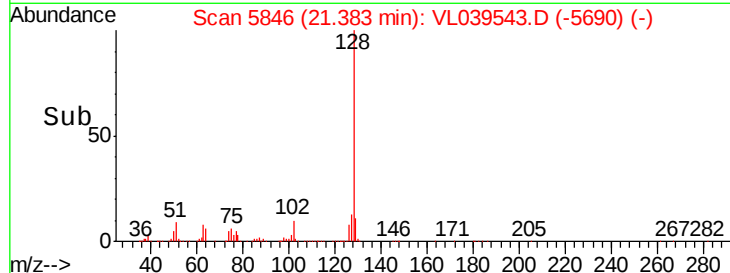
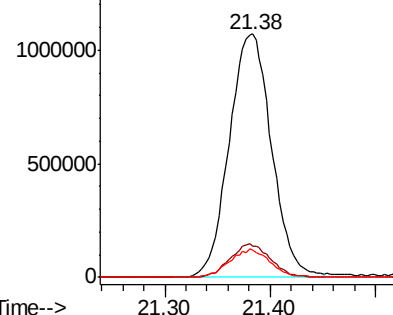
#79
Naphthalene
Concen: 9.891 ppbv
RT: 21.38 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
ICVVL081722
Acq: 17 Aug 2022 8:10

Tot Ion:128 Resp: 2988281

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	11.3	9.1	13.7



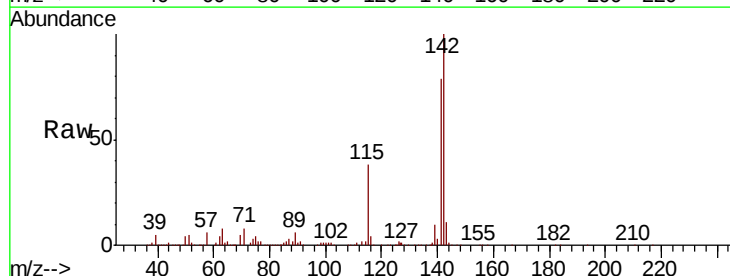
Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



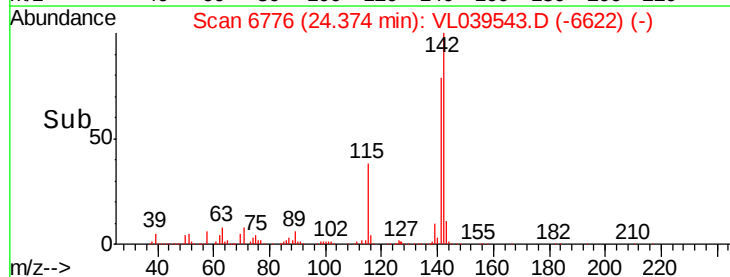
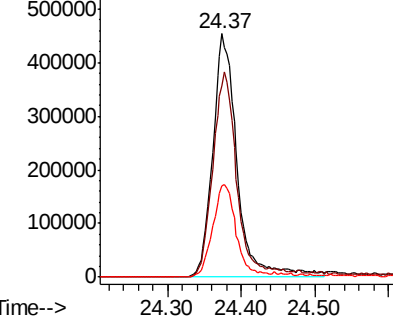
#80
Naphthalene, 2-methyl-
Concen: 9.285 ppbv
RT: 24.37 min Scan# 6776
Delta R.T.: -0.00 min
Lab File: VL039543.D
Acq: 17 Aug 2022 8:10

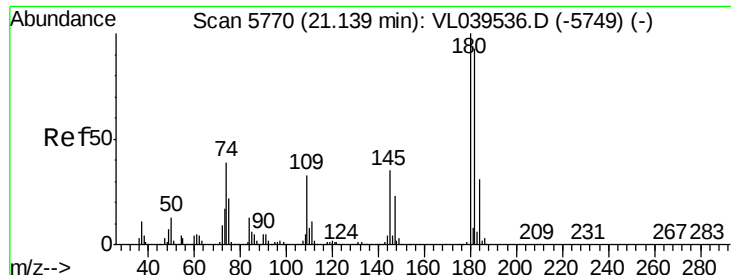
Tgt Ion:142 Resp: 1045312

Ion	Ratio	Lower	Upper
142	100		
141	85.8	0.0	0.0#
115	37.6	0.0	0.0#



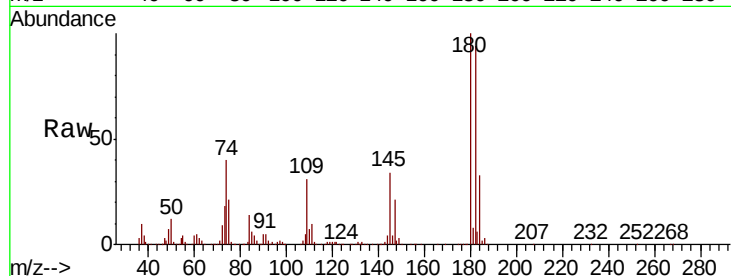
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 8.399 ppbv
 RT: 21.14
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 Aug 2022 8:10

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	0.0	0.0#
184	30.5	0.0	0.0#



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

