

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082522\
 Data File : VL039581.D
 Acq On : 25 Aug 2022 17:00
 Operator : SY/AP
 Sample : VL0825ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0825ABS01

Quant Time: Aug 26 06:20:26 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.20	49	1068327	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2830306	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2697111	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	1986559	9.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	2.75	85	1137442	8.001	ppbv 99
3) Chlorodifluoromethane	2.69	51	1202895	9.451	ppbv 96
4) Chloromethane	2.83	50	722430	9.423	ppbv 99
5) Vinyl Chloride	2.94	62	639873	10.341	ppbv 99
6) Bromomethane	3.14	94	244155	9.304	ppbv 98
7) Chloroethane	3.22	64	234881	10.132	ppbv 93
8) Dichlorotetrafluoroethane	2.88	85	1447266	9.516	ppbv 96
9) Propene	2.71	41	587779	10.092	ppbv 97
10) Heptane	7.59	43	1409493	10.450	ppbv 99
11) Trichlorofluoromethane	3.58	101	1490782	9.555	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.08	101	1115153	9.663	ppbv 98
13) Ethanol	3.26	45	23277	5.561	ppbv 63
14) Bromoethene	3.38	108	469342	9.954	ppbv 97
15) Acetone	3.48	43	1146215	9.578	ppbv 99
16) 1,3-Butadiene	3.01	39	622032	9.961	ppbv 98
17) tert-Butyl alcohol	3.89	59	1053236	10.312	ppbv 99
18) 1,1-Dichloroethene	3.90	96	502287	9.664	ppbv 98
19) Isopropyl Alcohol	3.59	45	621037	10.668	ppbv # 97
20) Methylene Chloride	3.95	84	410714	8.448	ppbv 96
21) Allyl Chloride	4.01	41	792460	10.180	ppbv 98
22) trans-1,2-Dichloroethene	4.46	96	495066	9.576	ppbv 97
23) Vinyl Acetate	4.64	43	578935	10.174	ppbv 98
24) 1,1-Dichloroethane	4.58	63	1014685	9.634	ppbv 99
25) Ethyl Acetate	5.22	43	2545750	9.942	ppbv 99
26) Hexane	5.22	57	1055832	10.103	ppbv 97
27) Carbon Disulfide	4.14	76	1276484	11.433	ppbv 99
28) Methyl tert-Butyl Ether	4.60	73	878148	9.740	ppbv 98
29) Chloroform	5.29	83	1568903	9.599	ppbv 100
30) Cyclohexane	6.61	84	882026	10.192	ppbv 95
31) cis-1,2-Dichloroethene	5.09	61	1025848	10.134	ppbv 99
32) 1,1,1-Trichloroethane	6.01	97	1533612	10.666	ppbv 99
34) 2-Butanone	4.80	43	1466281	10.421	ppbv 98
35) Carbon Tetrachloride	6.50	117	1672566	10.932	ppbv 99
36) Benzene	6.38	78	2216037	10.271	ppbv 96
37) 1,2-Dichloroethane	5.82	62	1170758	9.851	ppbv 98
38) Trichloroethene	7.30	130	1242684	10.750	ppbv 100
39) 1,2-Dichloropropane	7.08	63	844875	10.416	ppbv 97
40) 1,4-Dioxane	7.30	88	346968	10.925	ppbv 94
41) Tetrahydrofuran	5.57	42	892907	10.623	ppbv 98
42) Bromodichloromethane	7.26	83	1746344	10.739	ppbv 98
43) Methyl Methacrylate	7.48	69	873269	11.225	ppbv 98

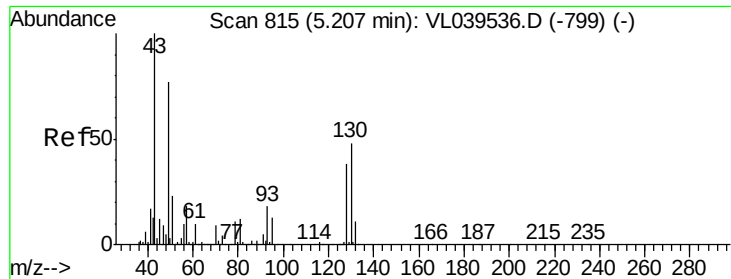
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082522\
 Data File : VL039581.D
 Acq On : 25 Aug 2022 17:00
 Operator : SY/AP
 Sample : VL0825ABS01
 Misc : 400mL/MSVOA L
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Instrument :
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Quant Time: Aug 26 06:20:26 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.33	57	3713535	10.210	ppbv	99
45) t-1,3-Dichloropropene	8.72	75	855836	12.632	ppbv	99
46) cis-1,3-Dichloropropene	8.15	75	1155076	12.308	ppbv	97
47) 1,1,2-Trichloroethane	8.91	97	900120	9.717	ppbv	95
48) Dibromochloromethane	9.71	129	1564353	11.456	ppbv	99
49) Bromoform	12.41	173	1339154	11.840	ppbv	98
50) 4-Methyl-2-Pentanone	8.19	43	2315734	10.564	ppbv	99
51) 2-Hexanone	9.56	43	1768552	10.962	ppbv #	100
52) Tetrachloroethene	10.62	164	850553	10.420	ppbv	94
53) Toluene	9.23	91	2618423	10.844	ppbv	99
54) 1,2-Dibromoethane	10.01	107	1107823	10.692	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.51	131	1129981	10.311	ppbv	96
57) Chlorobenzene	11.53	112	1971573	9.798	ppbv	97
58) Ethyl Benzene	12.09	91	3422526	11.045	ppbv	98
59) m/p-Xylene	12.38	91	2926128	10.525	ppbv #	31
60) o-Xylene	13.06	91	2742962	10.279	ppbv	99
61) Styrene	12.90	104	1662576	11.698	ppbv	99
62) Isopropylbenzene	14.03	105	4000206	9.913	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.05	83	1132151	8.959	ppbv	99
64) n-propylbenzene	14.92	120	1056028	10.069	ppbv	99
65) tert-Butylbenzene	16.09	119	3548772	9.893	ppbv	98
66) Benzyl Chloride	16.33	91	360801	12.383	ppbv	95
67) sec-Butylbenzene	16.64	105	4859462	9.565	ppbv	100
69) p-Isopropyltoluene	17.00	119	4136176	9.807	ppbv	99
70) n-Butylbenzene	17.89	91	4106374	9.787	ppbv	99
71) 2-Chlorotoluene	14.81	91	2939964	10.059	ppbv	100
72) 4-Ethyltoluene	15.20	105	3254407	10.430	ppbv	99
73) 1,3,5-Trimethylbenzene	15.36	105	2893476	10.147	ppbv	97
74) 1,2,4-Trimethylbenzene	16.11	105	3088699	9.721	ppbv	98
75) 1,3-Dichlorobenzene	16.33	146	1880090	9.733	ppbv	99
76) 1,4-Dichlorobenzene	16.47	146	1823406	9.474	ppbv	99
77) 1,2-Dichlorobenzene	17.15	146	1789487	9.460	ppbv	99
78) Hexachloro-1,3-Butadiene	22.64	225	627136	4.163	ppbv #	4
79) Naphthalene	21.39	128	3111165	13.749	ppbv	99
80) Naphthalene, 2-methyl-	24.38	142	1057820	11.519	ppbv	99
81) 1,2,4-Trichlorobenzene	21.14	180	1724121	11.411	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: VL0825ABS01

Acq: 25 Aug 2022 17:00

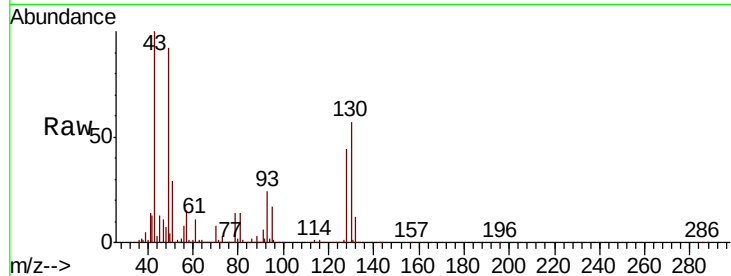
Tot Ion: 49 Resp: 1068327

Ion Ratio Lower Upper

49 100

128 50.5 26.7 80.0

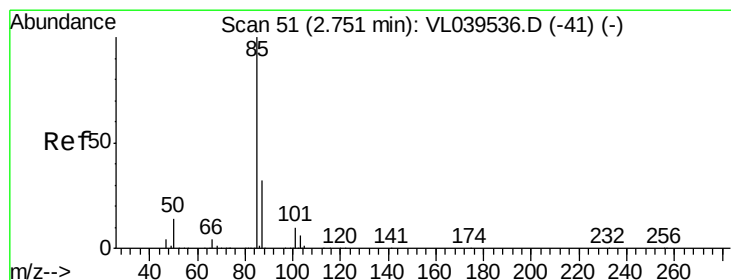
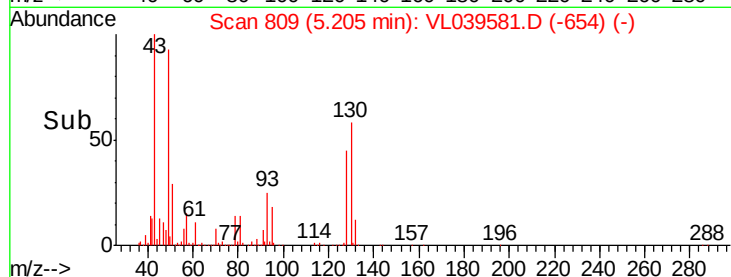
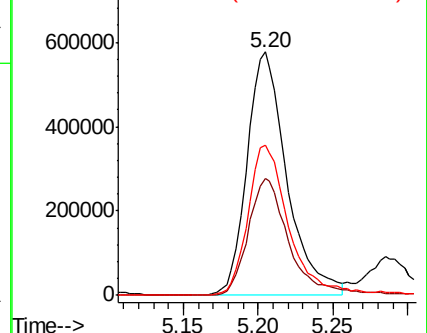
130 64.8 34.3 102.8



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



#2

Dichlorodifluoromethane

Concen: 8.001 ppbv

RT: 2.75 min Scan# 45

Delta R.T. -0.00 min

Lab File: VL039581.D

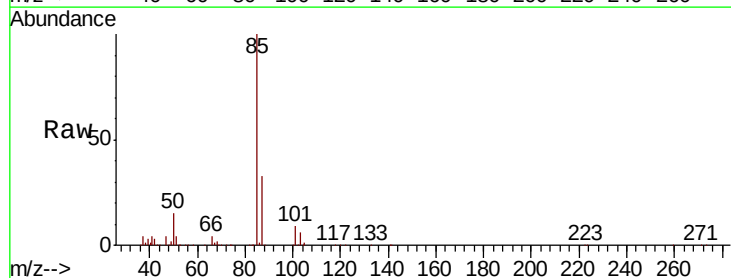
Acq: 25 Aug 2022 17:00

Tgt Ion: 85 Resp: 1137442

Ion Ratio Lower Upper

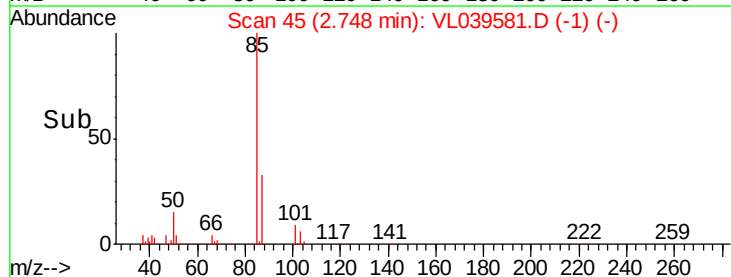
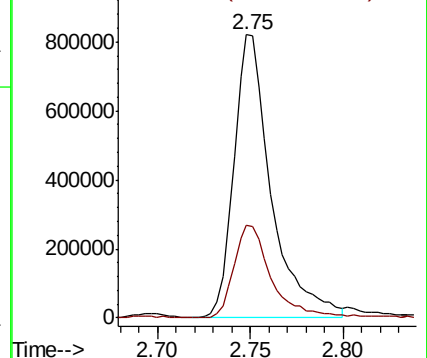
85 100

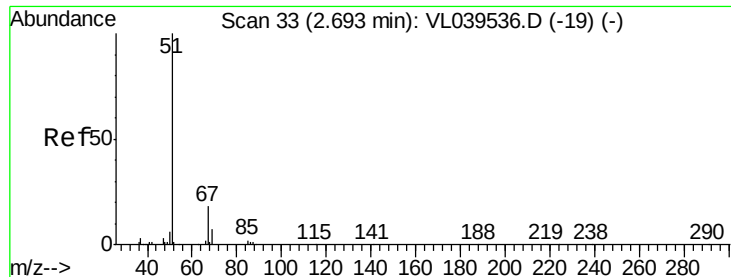
87 32.8 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.451 ppbv

RT: 2.69 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0825ABS01

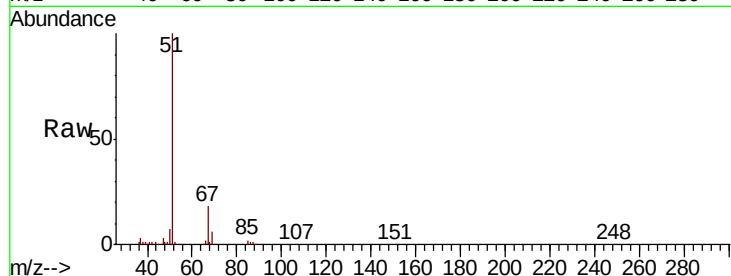
Acq: 25 Aug 2022 17:00

Tot Ion: 51 Resp: 1202895

Ion Ratio Lower Upper

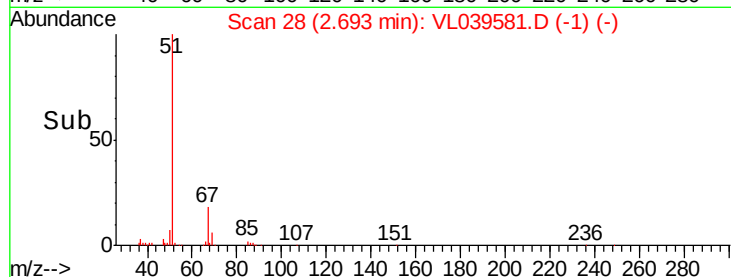
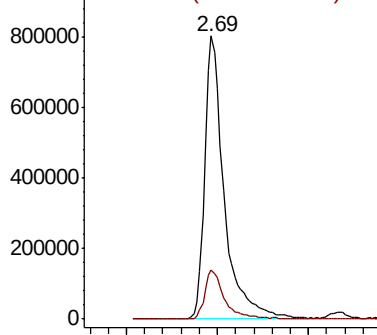
51 100

67 17.7 15.7 23.5

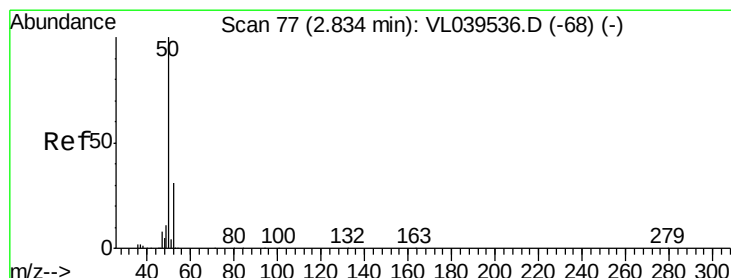


Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



Time-->



#4

Chloromethane

Concen: 9.423 ppbv

RT: 2.83 min Scan# 71

Delta R.T. -0.00 min

Lab File: VL039581.D

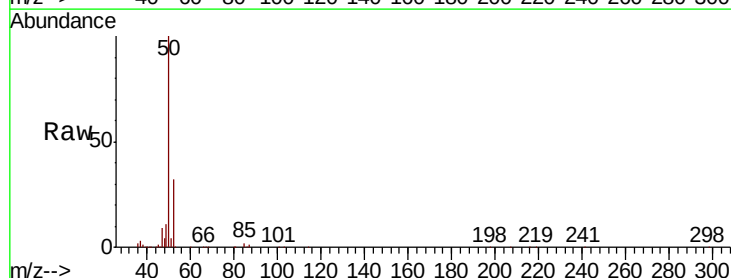
Acq: 25 Aug 2022 17:00

Tgt Ion: 50 Resp: 722430

Ion Ratio Lower Upper

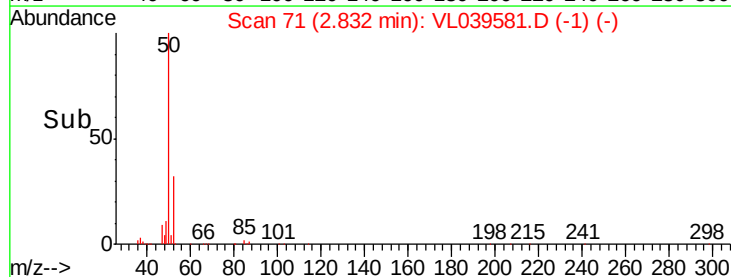
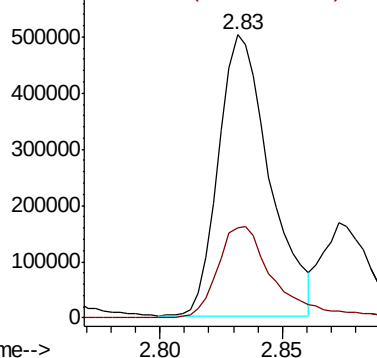
50 100

52 32.3 26.5 39.7

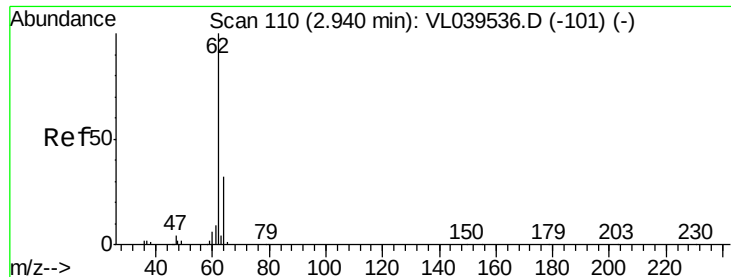


Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



Time-->



#5

Vinyl Chloride

Concen: 10.341 ppbv

RT: 2.94 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL0825ABS01

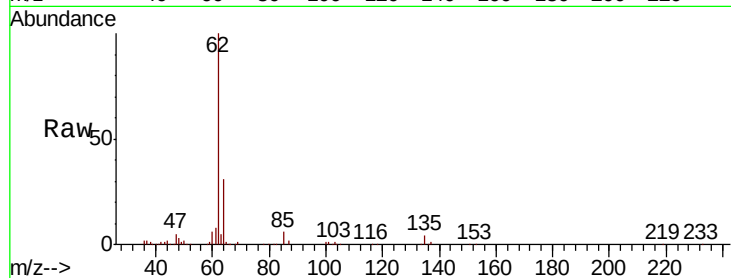
Acq: 25 Aug 2022 17:00

Tot Ion: 62 Resp: 639873

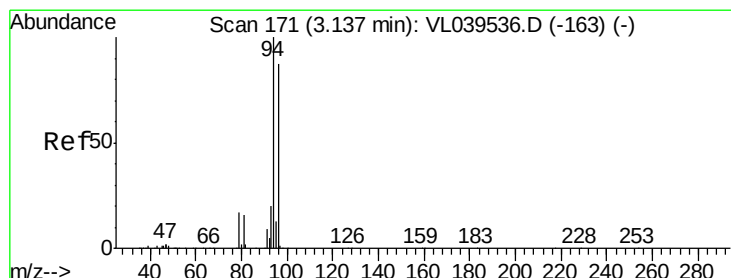
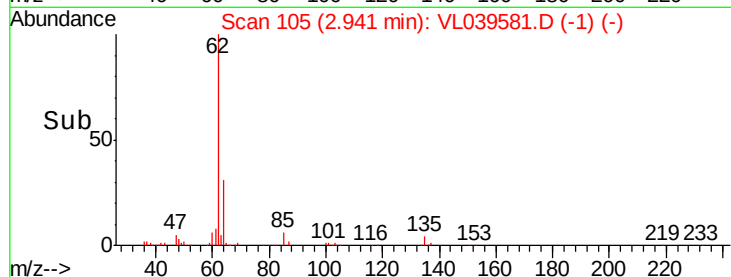
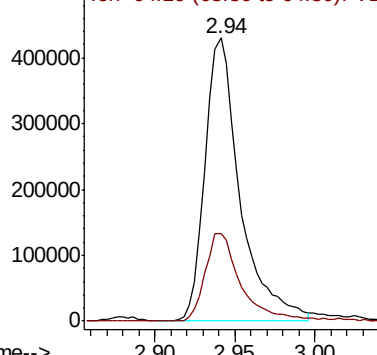
Ion Ratio Lower Upper

62 100

64 31.2 24.6 36.8



Abundance Ion 62.10 (61.80 to 62.80): VL0
Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.304 ppbv

RT: 3.14 min Scan# 166

Delta R.T. 0.00 min

Lab File: VL039581.D

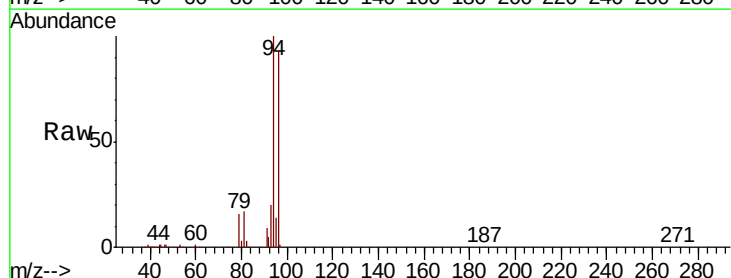
Acq: 25 Aug 2022 17:00

Tgt Ion: 94 Resp: 244155

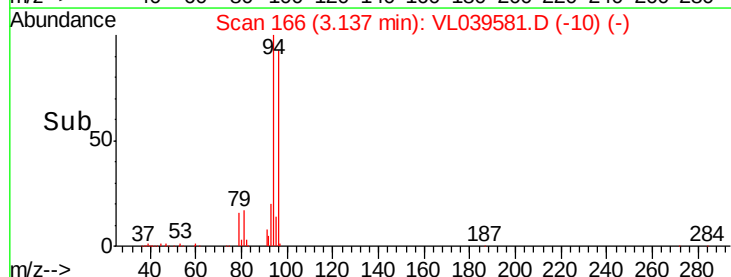
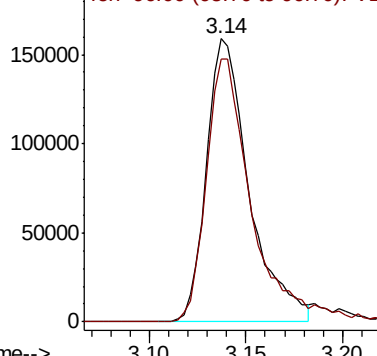
Ion Ratio Lower Upper

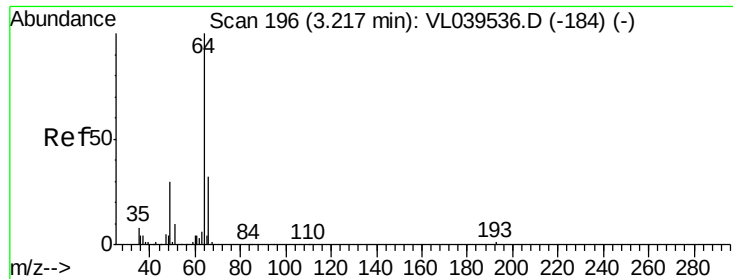
94 100

96 92.7 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VL0
Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 10.132 ppbv

RT: 3.22 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

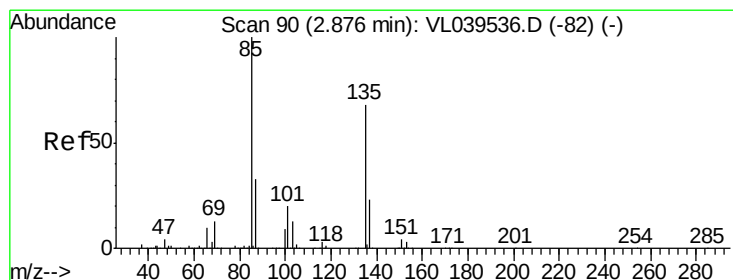
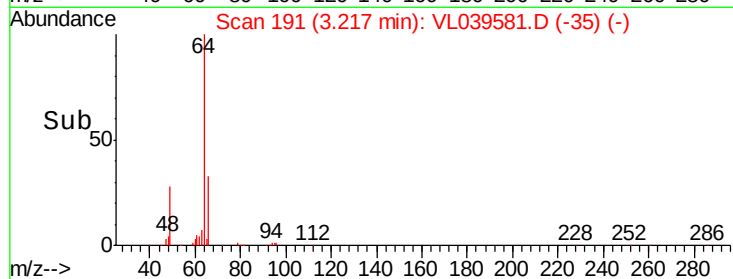
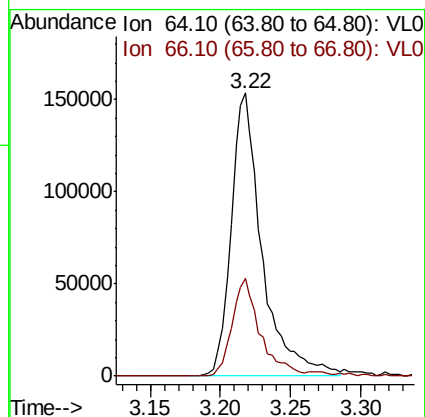
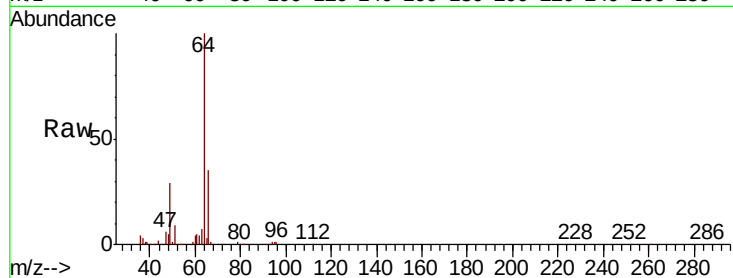
Acq: 25 Aug 2022 17:00 VL0825ABS01

Tot Ion: 64 Resp: 234881

Ion Ratio Lower Upper

64 100

66 34.6 24.7 37.1



#8

Dichlorotetrafluoroethane

Concen: 9.516 ppbv

RT: 2.88 min Scan# 85

Delta R.T. 0.00 min

Lab File: VL039581.D

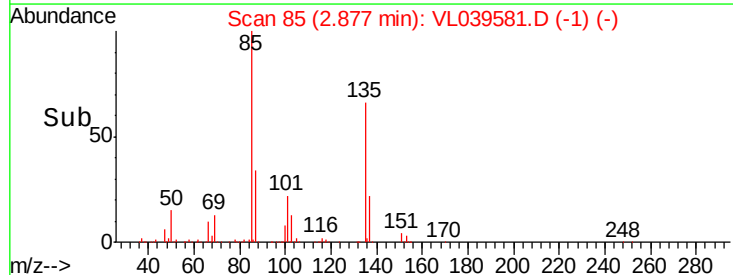
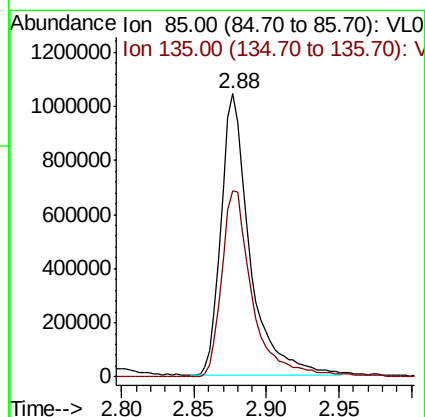
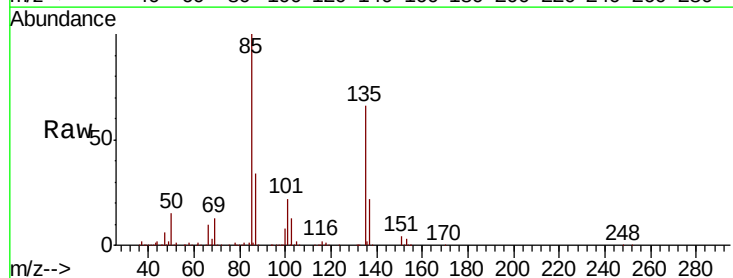
Acq: 25 Aug 2022 17:00

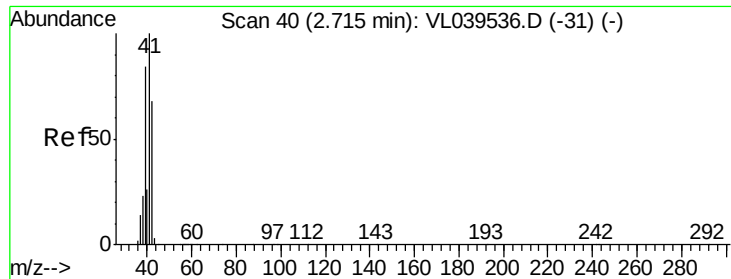
Tgt Ion: 85 Resp: 1447266

Ion Ratio Lower Upper

85 100

135 70.6 59.0 88.4





#9

Propene

Concen: 10.092 ppbv

RT: 2.71 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: VL0825ABS01 ClientSampleId:

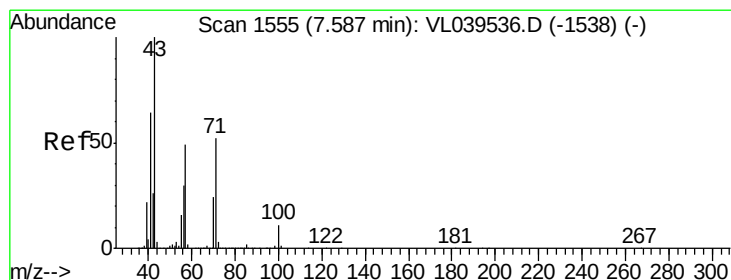
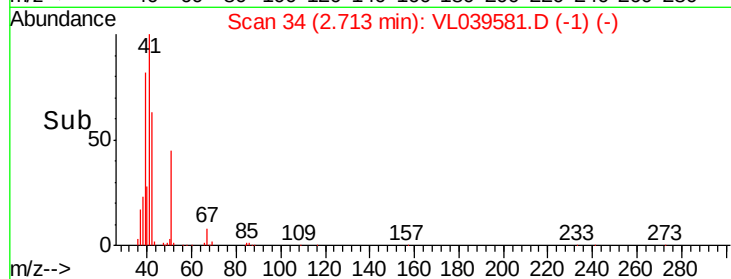
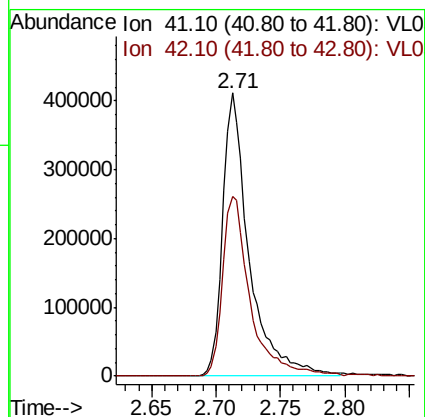
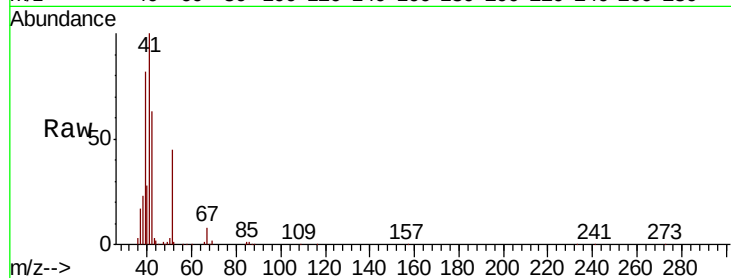
Acq: 25 Aug 2022 17:00

Tot Ion: 41 Resp: 587779

Ion Ratio Lower Upper

41 100

42 66.8 55.2 82.8



#10

Heptane

Concen: 10.450 ppbv

RT: 7.59 min Scan# 1550

Delta R.T. 0.00 min

Lab File: VL039581.D

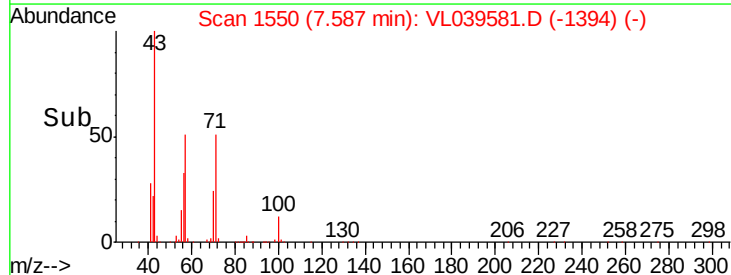
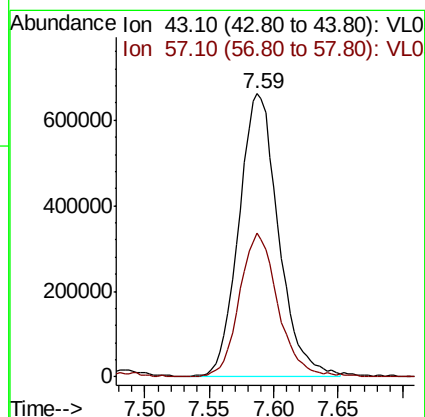
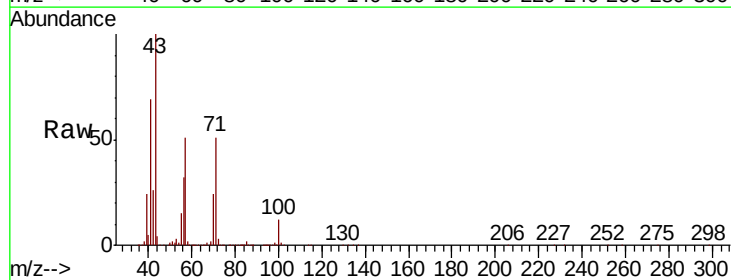
Acq: 25 Aug 2022 17:00

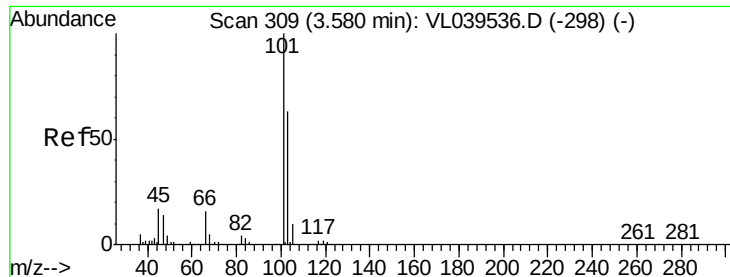
Tgt Ion: 43 Resp: 1409493

Ion Ratio Lower Upper

43 100

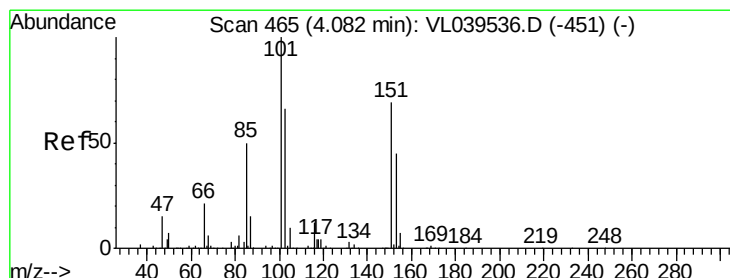
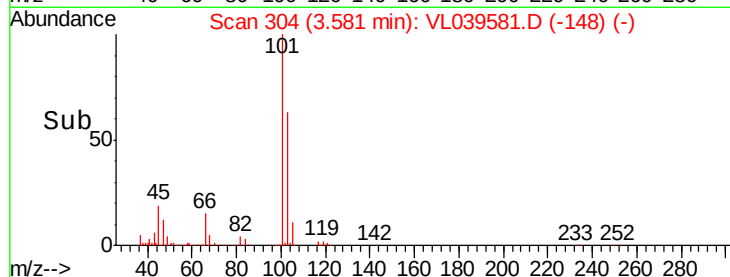
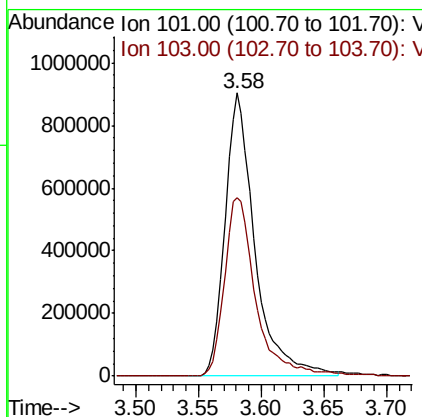
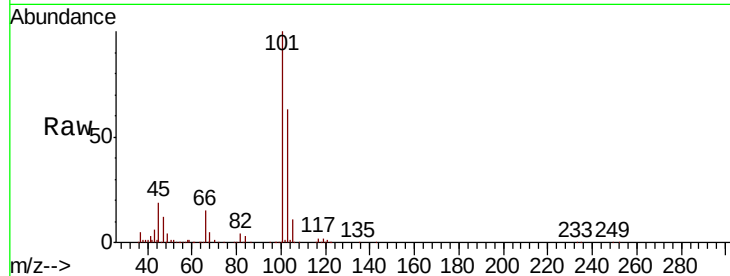
57 50.1 40.5 60.7





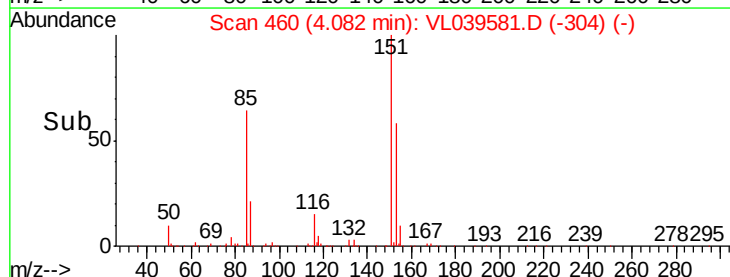
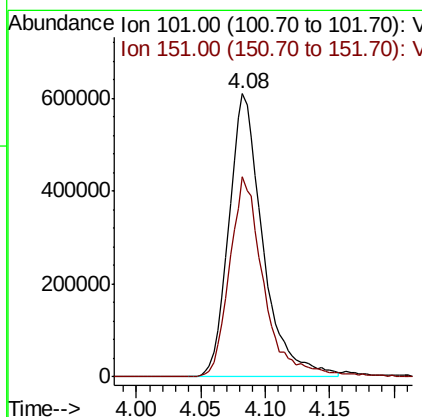
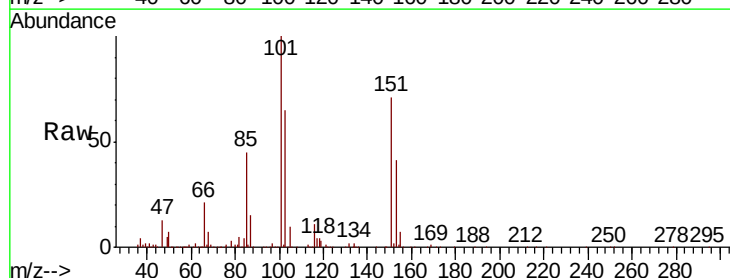
#11
 Trichlorofluoromethane
 Concen: 9.555 ppbv
 RT: 3.58 Instrument: MSVOA_1
 Delta R.T.: ClientSampleId:
 Lab File: VL0825ABS01
 Acq: 25 Aug 2022 17:00

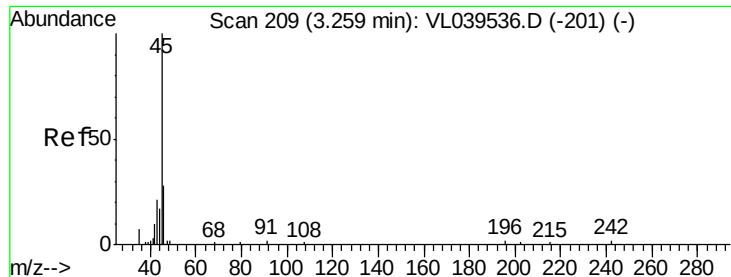
Tot Ion:101 Resp: 1490782
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.663 ppbv
 RT: 4.08 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: VL039581.D
 Acq: 25 Aug 2022 17:00

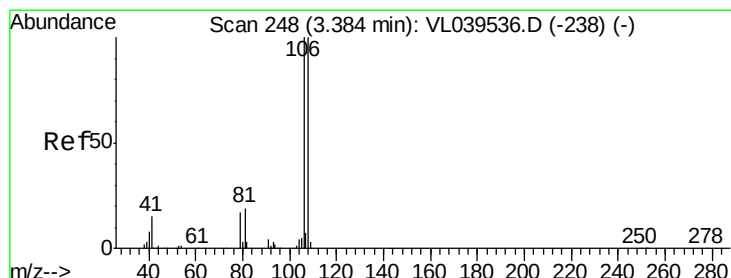
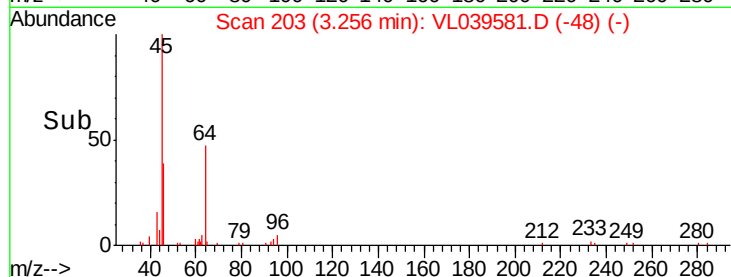
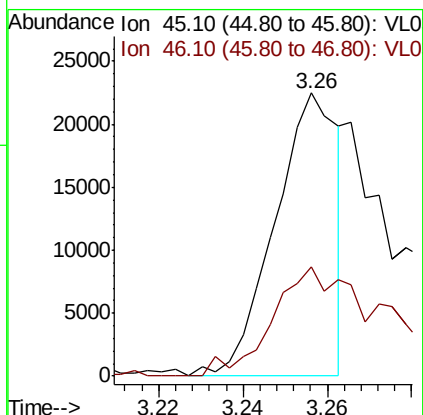
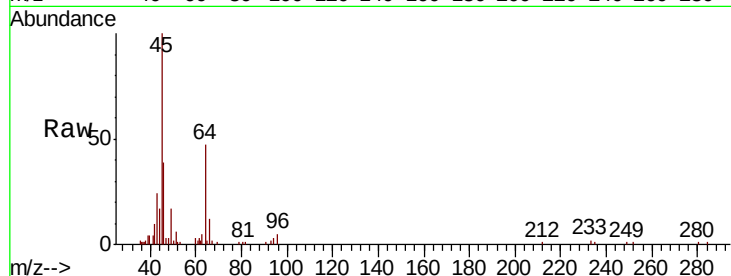
Tgt Ion:101 Resp: 1115153
 Ion Ratio Lower Upper
 101 100
 151 71.6 58.9 88.3





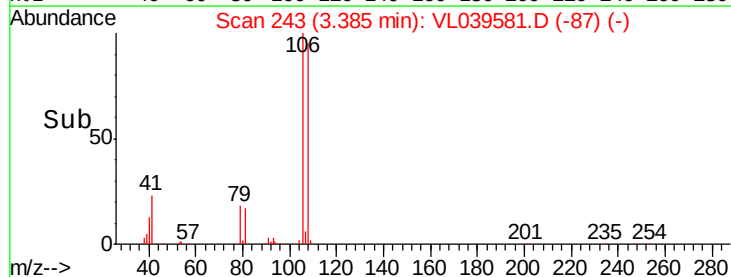
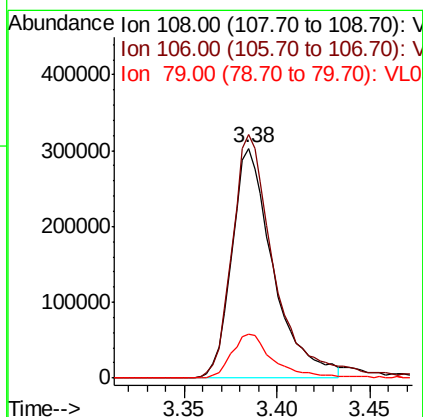
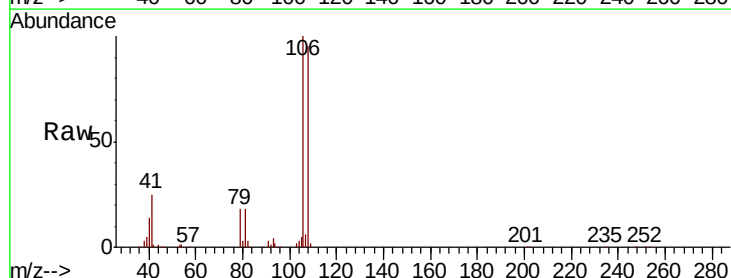
#13
 Ethanol
 Concen: 5.561 ppbv
 RT: 3.26
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0825ABS01
 Acq: 25 Aug 2022 17:00

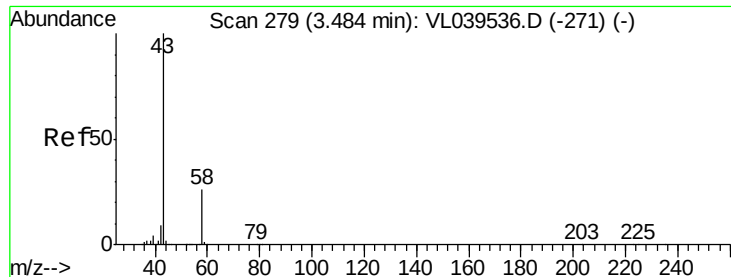
Tot Ion: 45 Resp: 23277
 Ion Ratio Lower Upper
 45 100
 46 84.0 22.8 91.2



#14
 Bromoethene
 Concen: 9.954 ppbv
 RT: 3.38 min Scan# 243
 Delta R.T.: 0.00 min
 Lab File: VL039581.D
 Acq: 25 Aug 2022 17:00

Tgt Ion: 108 Resp: 469342
 Ion Ratio Lower Upper
 108 100
 106 111.4 87.1 130.7
 79 19.8 14.6 22.0





#15

Acetone

Concen: 9.578 ppbv

RT: 3.48

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

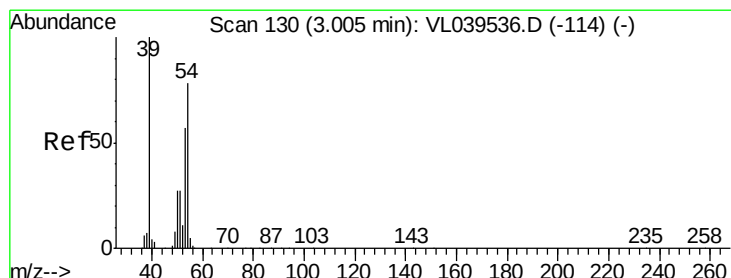
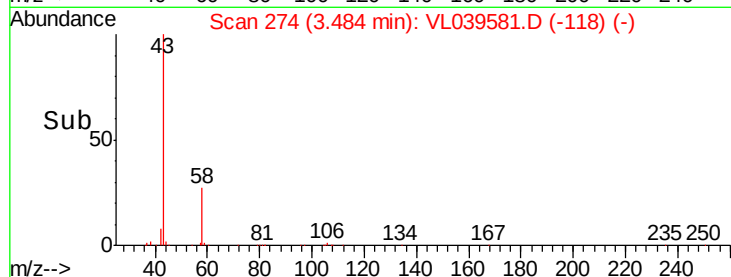
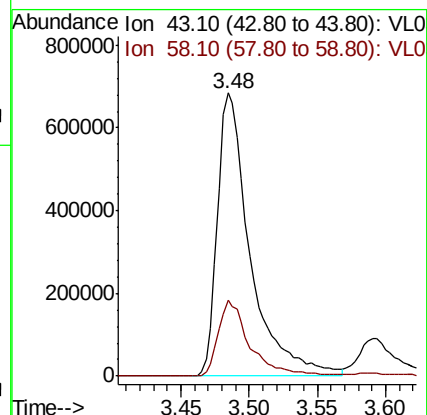
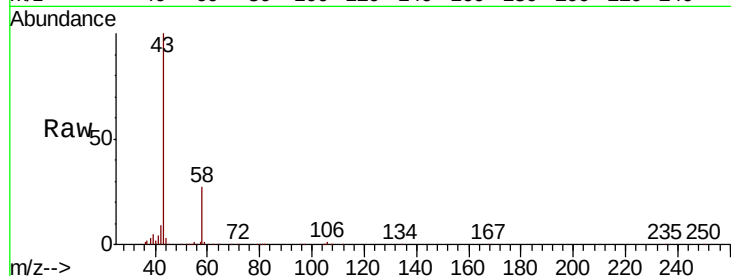
Acq: 25 Aug 2022 17:00

Tot Ion: 43 Resp: 1146215

Ion Ratio Lower Upper

43 100

58 25.8 21.0 31.6



#16

1,3-Butadiene

Concen: 9.961 ppbv

RT: 3.01 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL039581.D

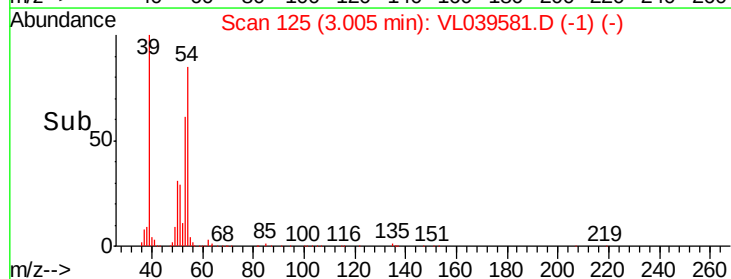
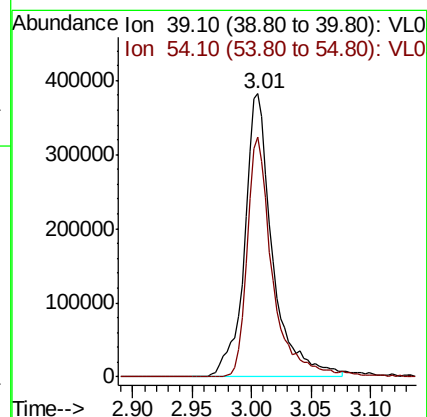
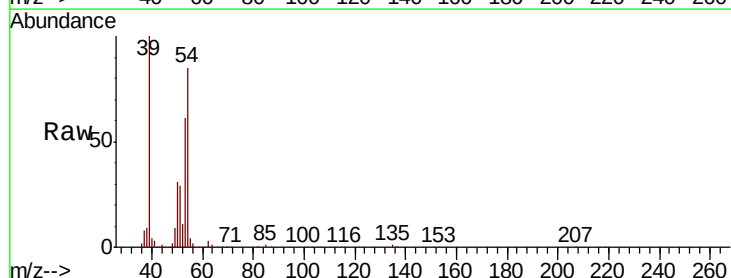
Acq: 25 Aug 2022 17:00

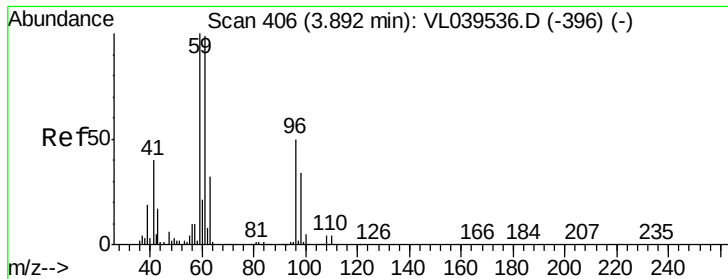
Tgt Ion: 39 Resp: 622032

Ion Ratio Lower Upper

39 100

54 77.8 63.7 95.5





#17

tert-Butyl alcohol

Concen: 10.312 ppbv

RT: 3.89 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: VL0825ABS01 ClientSampleId:

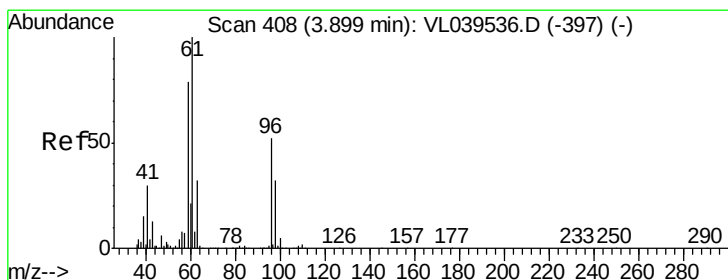
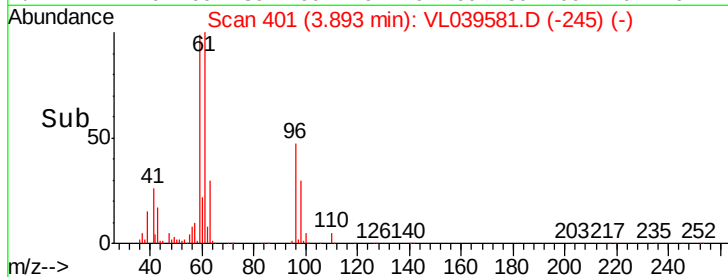
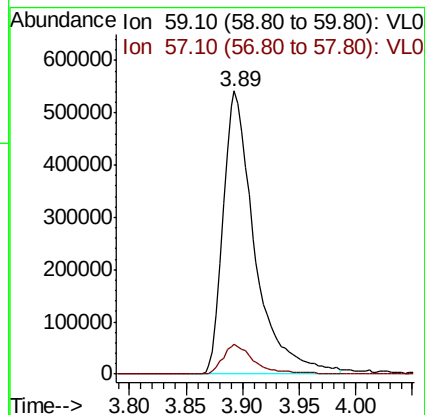
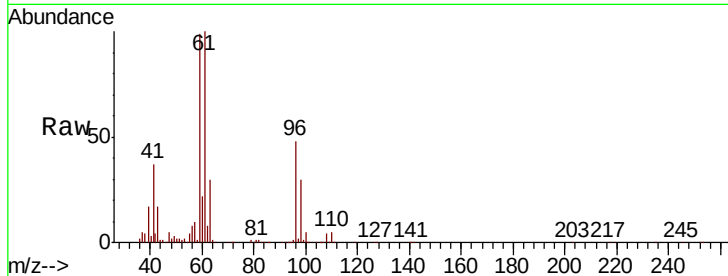
Acq: 25 Aug 2022 17:00

Tot Ion: 59 Resp: 1053236

Ion Ratio Lower Upper

59 100

57 10.6 8.7 13.1



#18

1,1-Dichloroethene

Concen: 9.664 ppbv

RT: 3.90 min Scan# 403

Delta R.T. 0.00 min

Lab File: VL039581.D

Acq: 25 Aug 2022 17:00

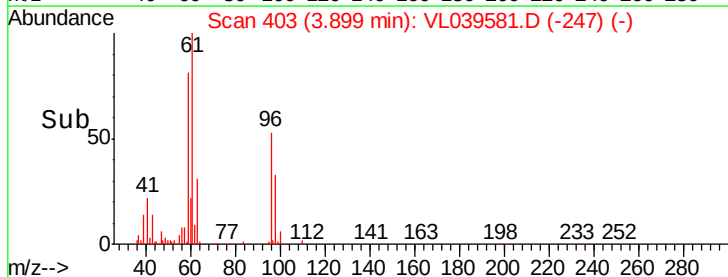
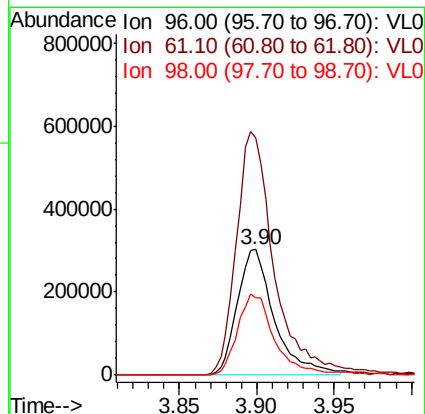
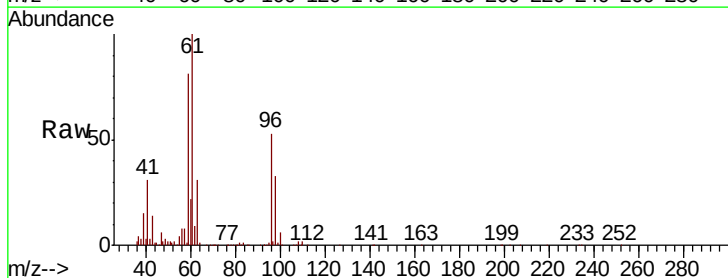
Tgt Ion: 96 Resp: 502287

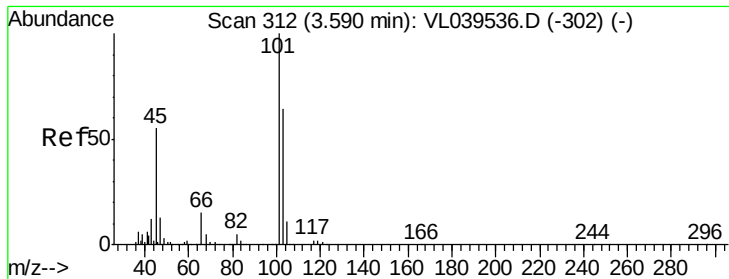
Ion Ratio Lower Upper

96 100

61 188.2 152.2 228.4

98 61.4 51.8 77.6





#19

Isopropyl Alcohol

Concen: 10.668 ppbv

RT: 3.59 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VL0825ABS01

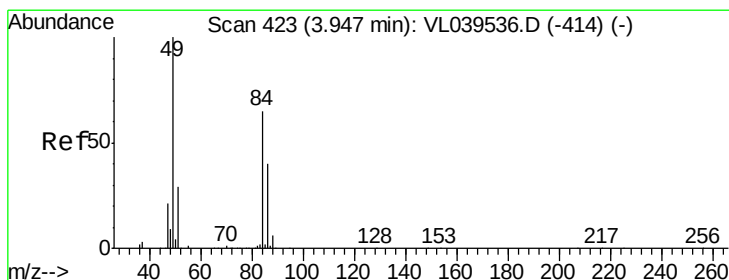
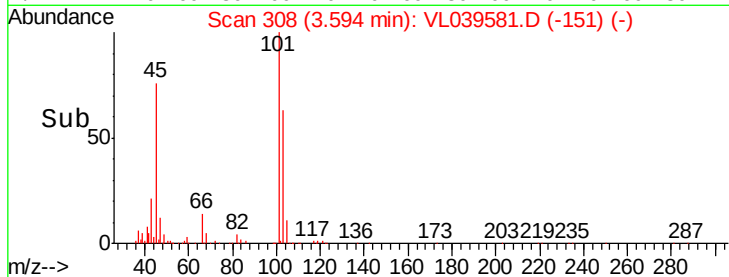
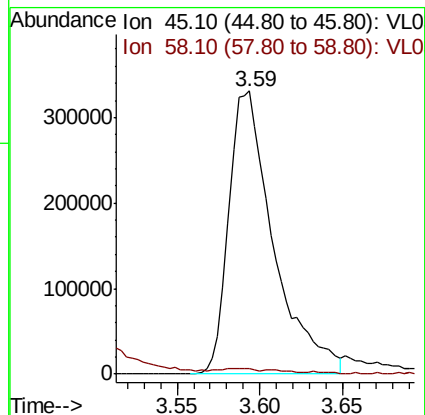
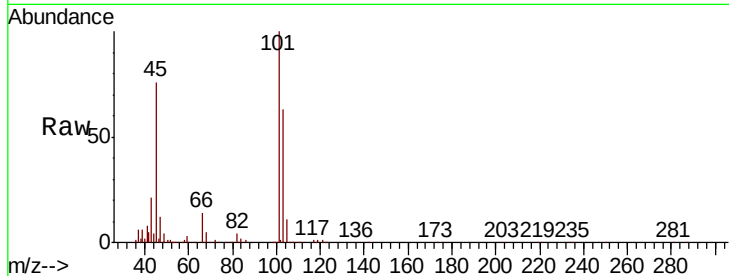
Acq: 25 Aug 2022 17:00

Tot Ion: 45 Resp: 621037

Ion Ratio Lower Upper

45 100

58 3.0 3.2 4.8#



#20

Methylene Chloride

Concen: 8.448 ppbv

RT: 3.95 min Scan# 418

Delta R.T. 0.00 min

Lab File: VL039581.D

Acq: 25 Aug 2022 17:00

Tgt Ion: 84 Resp: 410714

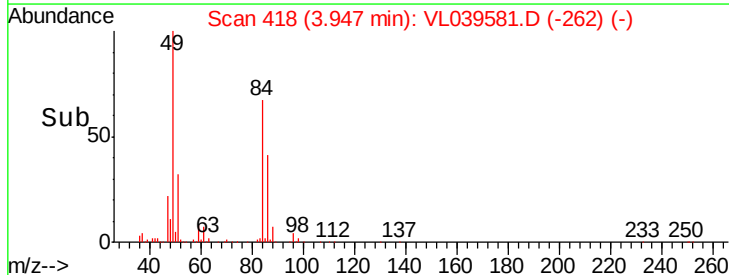
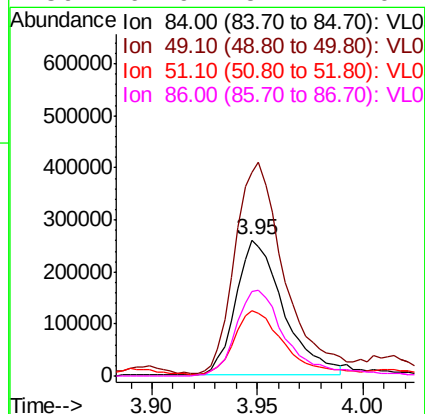
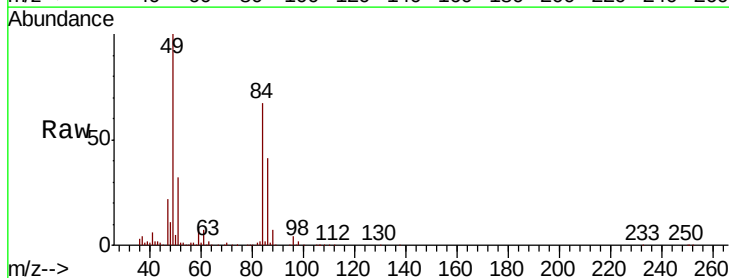
Ion Ratio Lower Upper

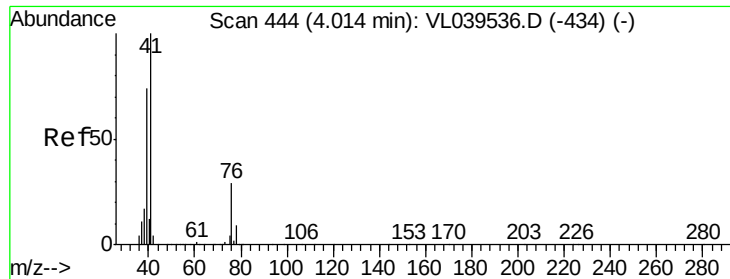
84 100

49 148.1 123.1 184.7

51 47.4 34.4 51.6

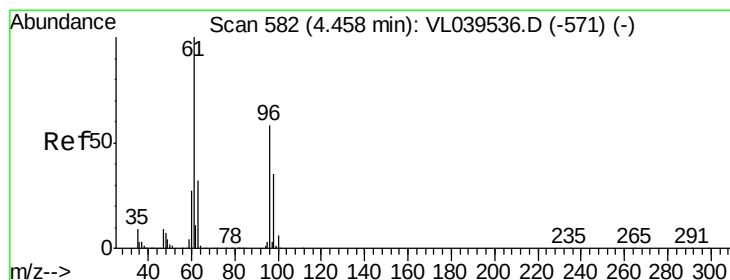
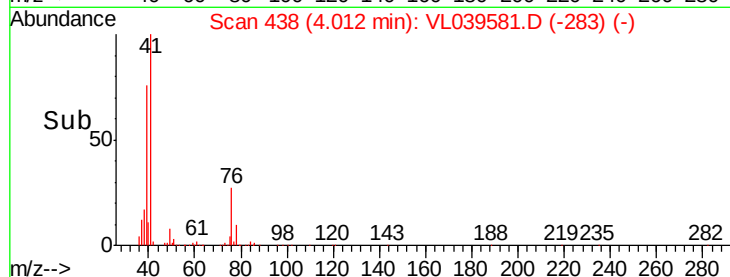
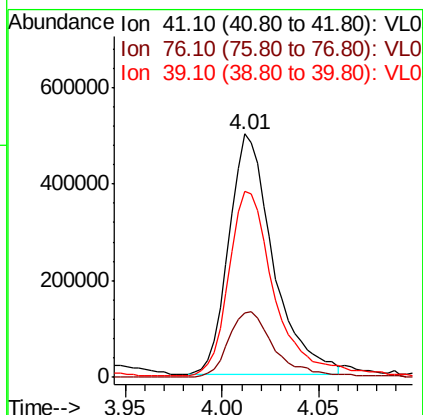
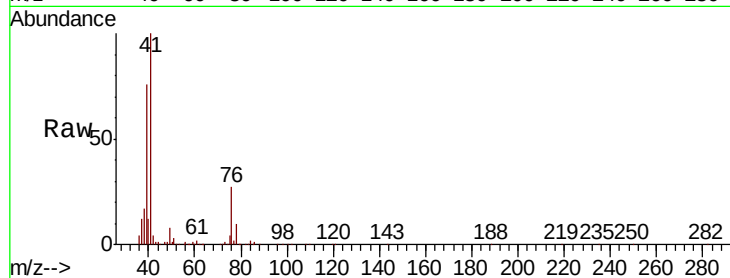
86 61.9 51.1 76.7





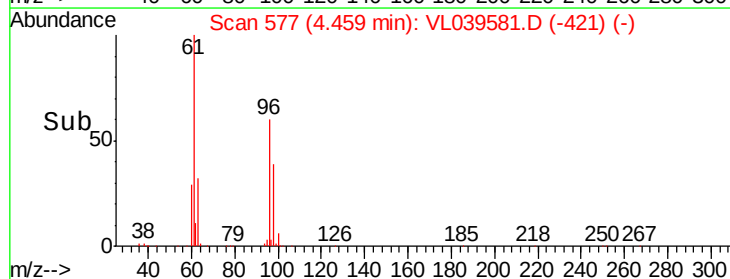
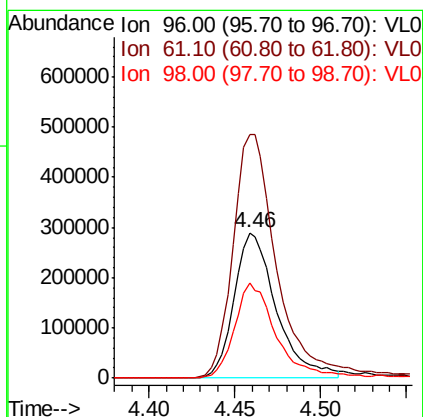
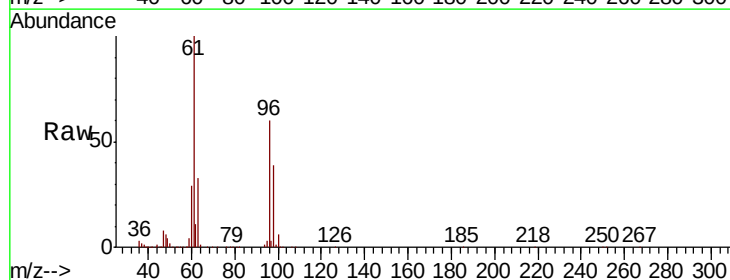
#21
 Allvl Chloride
 Concen: 10.180 ppbv
 RT: 4.01
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0825ABS01
 Acq: 25 Aug 2022 17:00

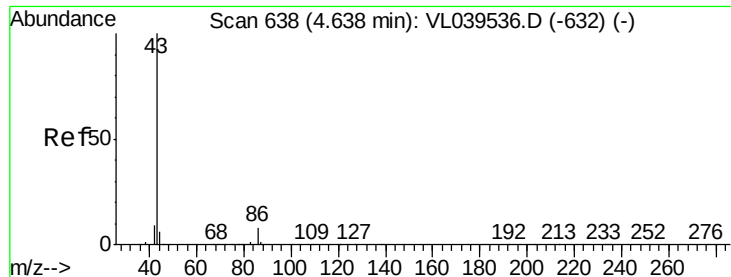
Tot Ion	Ratio	Lower	Upper
41	100		
76	29.1	24.4	36.6
39	80.5	63.5	95.3



#22
 trans-1,2-Dichloroethene
 Concen: 9.576 ppbv
 RT: 4.46 min Scan# 577
 Delta R.T.: 0.00 min
 Lab File: VL039581.D
 Acq: 25 Aug 2022 17:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.6	130.6	195.8
98	65.7	53.4	80.0





#23

Vinyl Acetate

Concen: 10.174 ppbv

RT: 4.64 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0825ABS01

Acq: 25 Aug 2022 17:00

Tot Ion: 43 Resp: 578935

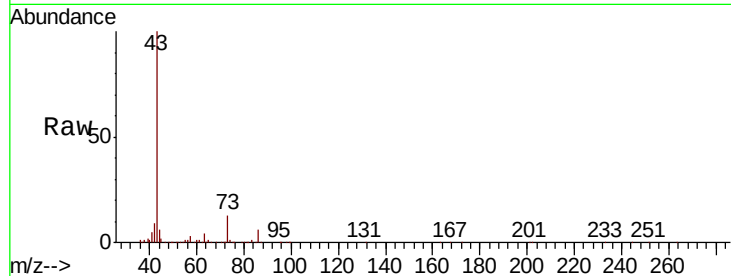
Ion Ratio Lower Upper

43 100

86 5.9 5.0 7.6

42 8.6 7.7 11.5

44 5.0 4.6 7.0

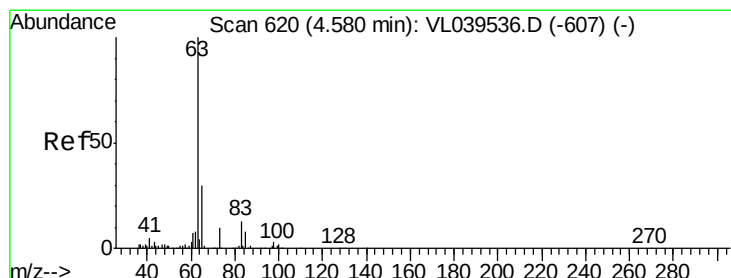
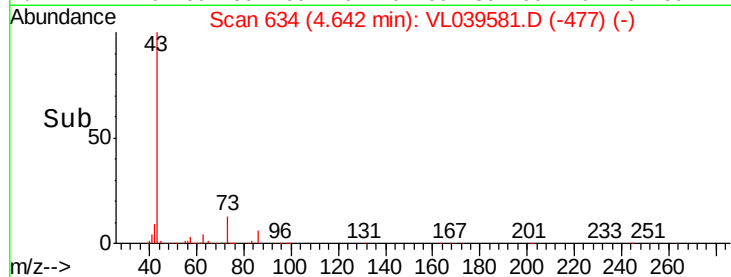
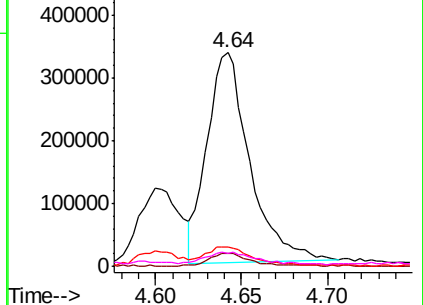


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.634 ppbv

RT: 4.58 min Scan# 614

Delta R.T. -0.00 min

Lab File: VL039581.D

Acq: 25 Aug 2022 17:00

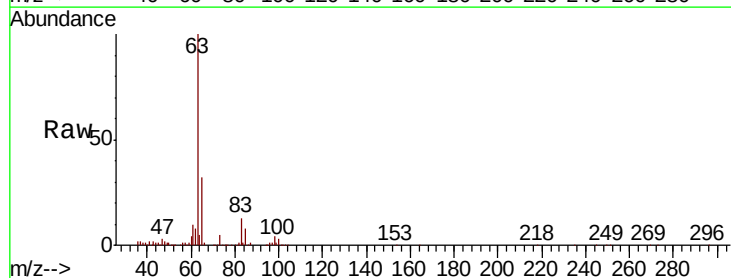
Tgt Ion: 63 Resp: 1014685

Ion Ratio Lower Upper

63 100

98 3.6 1.8 5.3

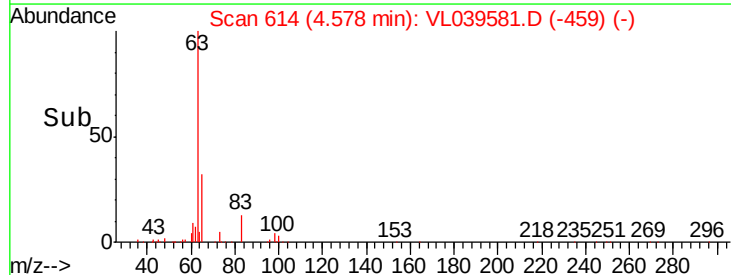
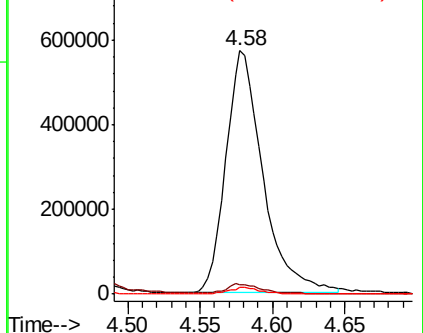
100 2.5 1.5 4.4

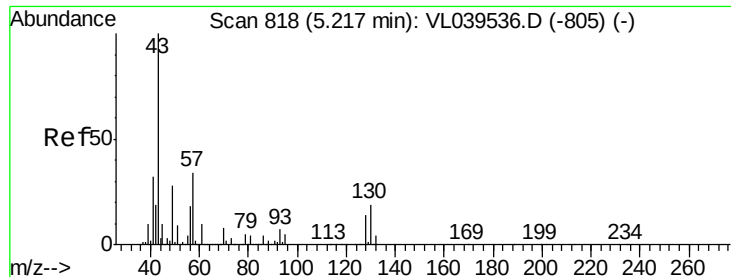


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

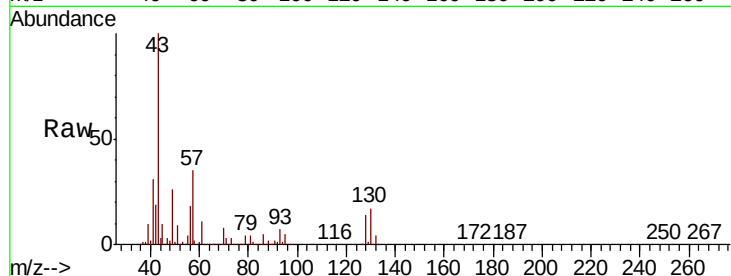




#25
Ethyl Acetate
Concen: 9.942 ppbv
RT: 5.22 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: VL0825ABS01
Acq: 25 Aug 2022 17:00

Tot Ion: 43 Resp: 2545750

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.4
61	10.2	8.3	12.5
70	7.9	5.9	8.9



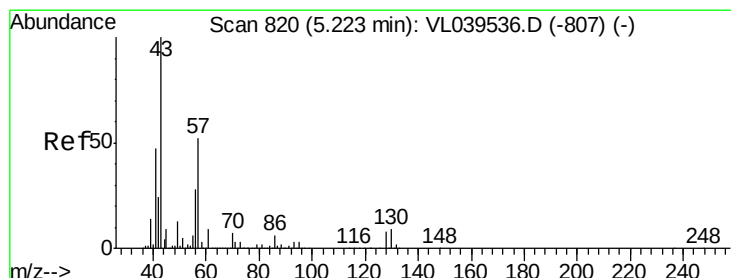
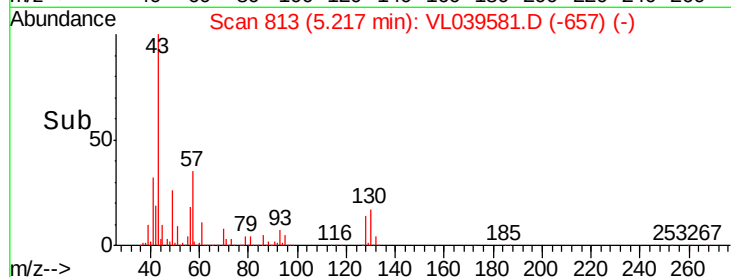
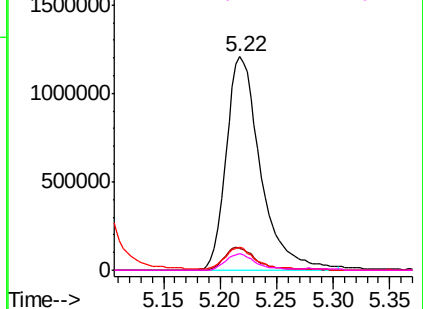
Abundance

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

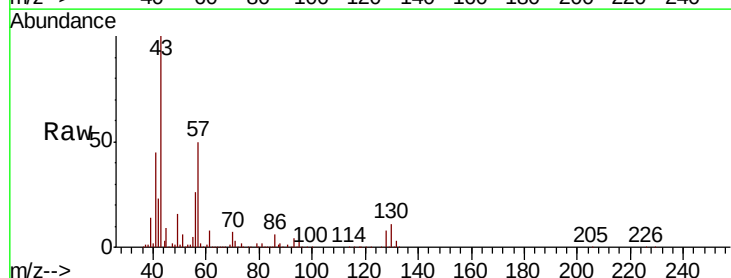
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 10.103 ppbv
RT: 5.22 min Scan# 815
Delta R.T.: 0.00 min
Lab File: VL039581.D
Acq: 25 Aug 2022 17:00

Tgt Ion: 57 Resp: 1055832

Ion	Ratio	Lower	Upper
57	100		
41	94.9	76.9	115.3
43	245.4	191.0	286.6
56	52.9	43.2	64.8



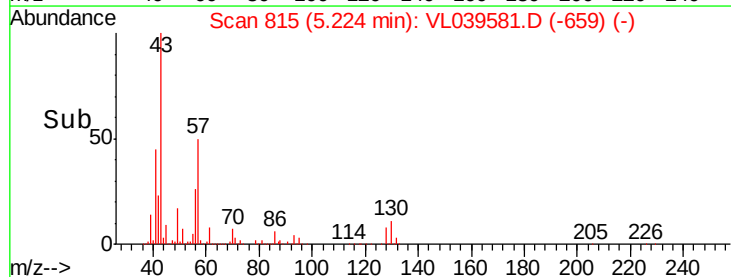
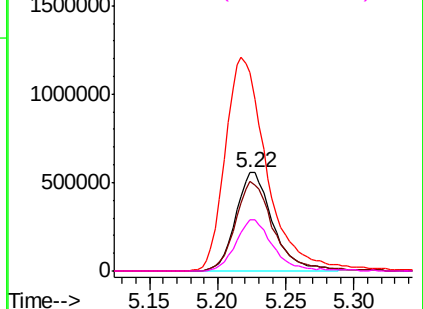
Abundance

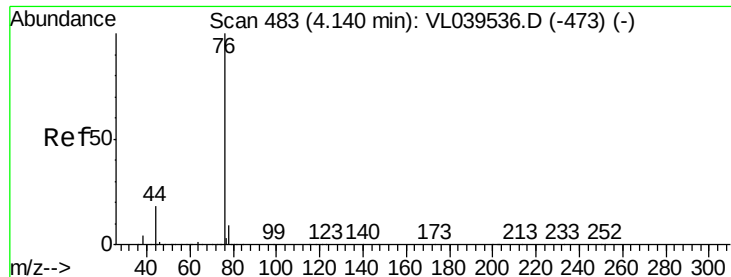
Ion 57.10 (56.80 to 57.80): VL0

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: 11.433 ppbv

RT: 4.14 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Aug 2022 17:00

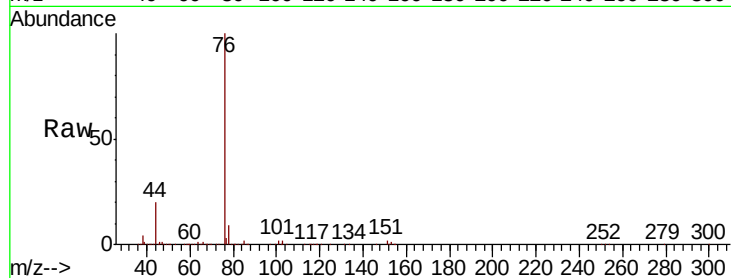
Tot Ion: 76 Resp: 1276484

Ion Ratio Lower Upper

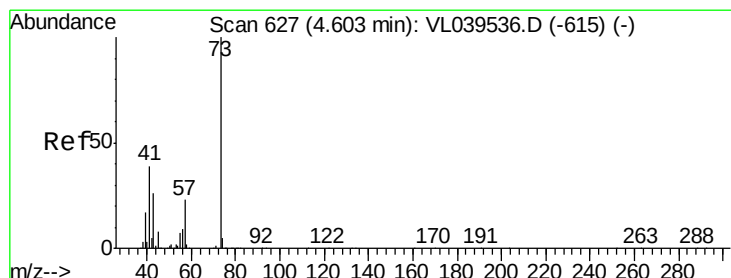
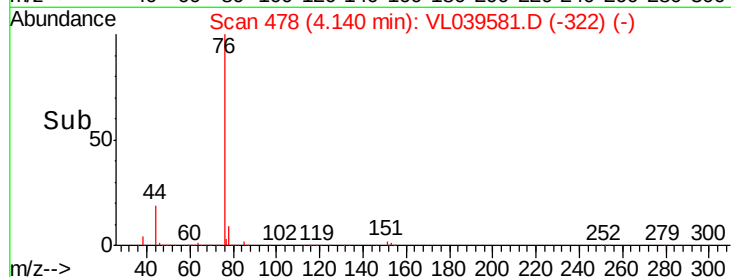
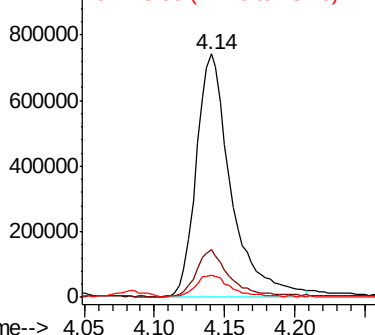
76 100

44 18.8 14.6 21.8

78 9.8 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: 9.740 ppbv

RT: 4.60 min Scan# 621

Delta R.T. -0.00 min

Lab File: VL039581.D

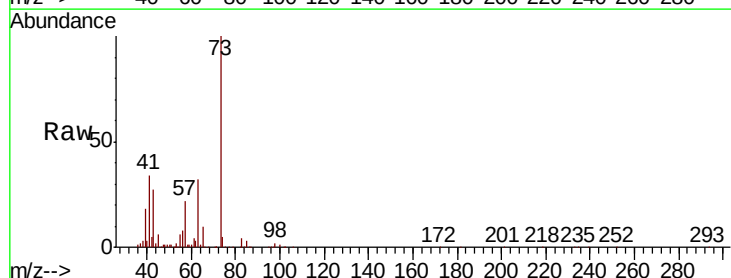
Acq: 25 Aug 2022 17:00

Tgt Ion: 73 Resp: 878148

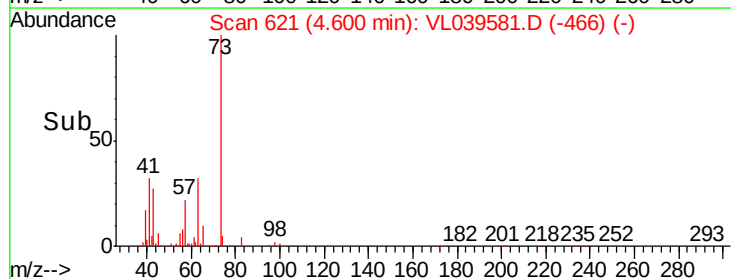
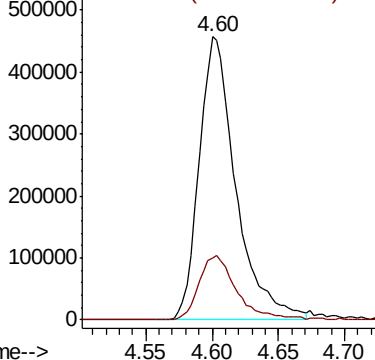
Ion Ratio Lower Upper

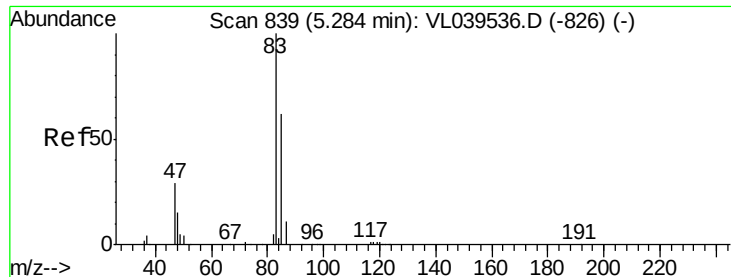
73 100

57 23.8 19.8 29.8



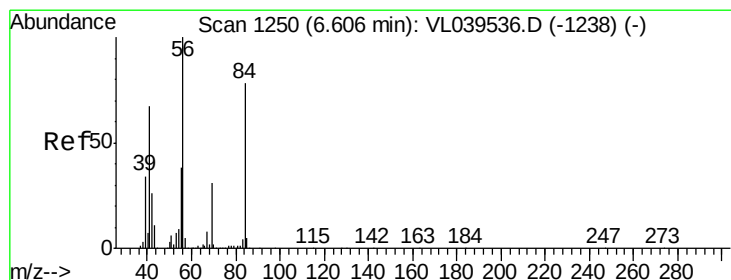
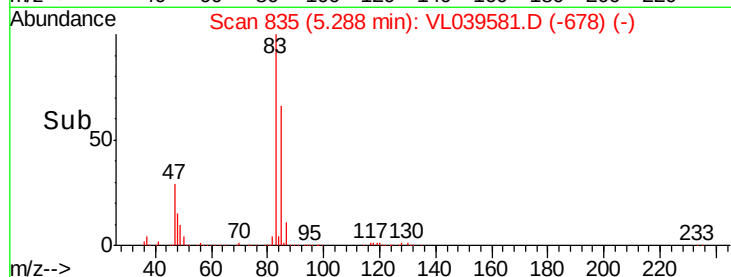
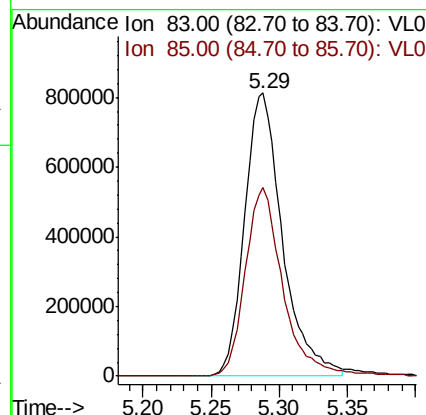
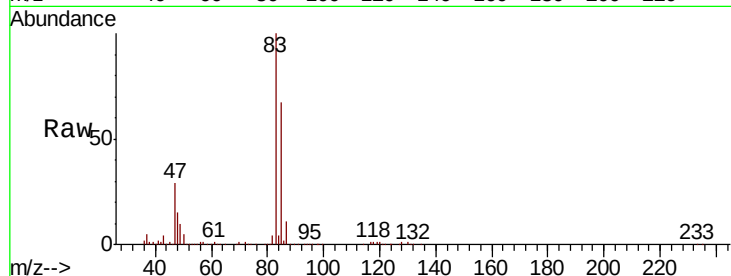
Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





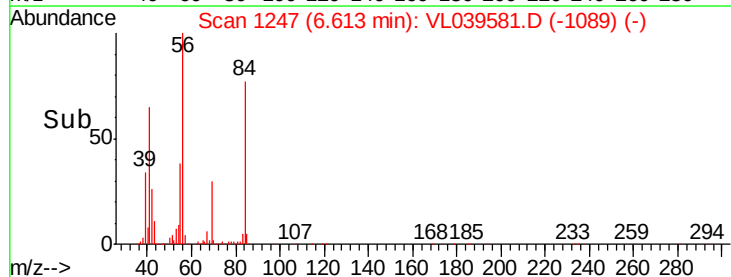
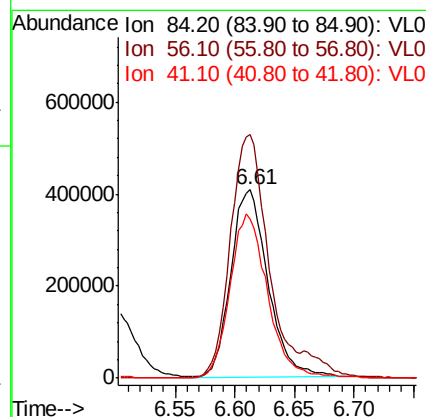
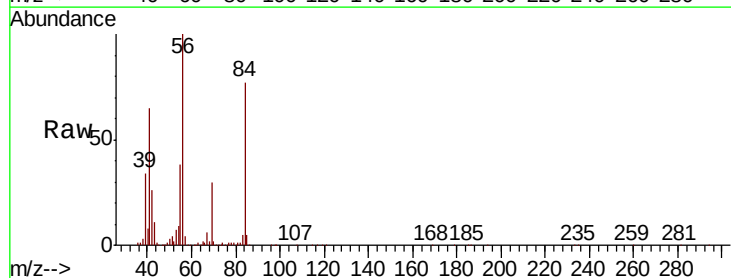
#29
Chloroform
Concen: 9.599 ppbv
RT: 5.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0825ABS01
Acq: 25 Aug 2022 17:00

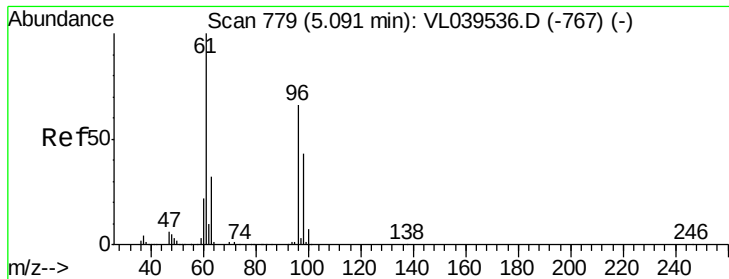
Tot Ion: 83 Resp: 1568903
Ion Ratio Lower Upper
83 100
85 66.3 52.8 79.2



#30
Cyclohexane
Concen: 10.192 ppbv
RT: 6.61 min Scan# 1247
Delta R.T. 0.01 min
Lab File: VL039581.D
Acq: 25 Aug 2022 17:00

Tgt Ion: 84 Resp: 882026
Ion Ratio Lower Upper
84 100
56 140.1 107.7 161.5
41 89.6 67.7 101.5





#31

cis-1,2-Dichloroethene

Concen: 10.134 ppbv

RT: 5.09 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL0825ABS01

Acq: 25 Aug 2022 17:00

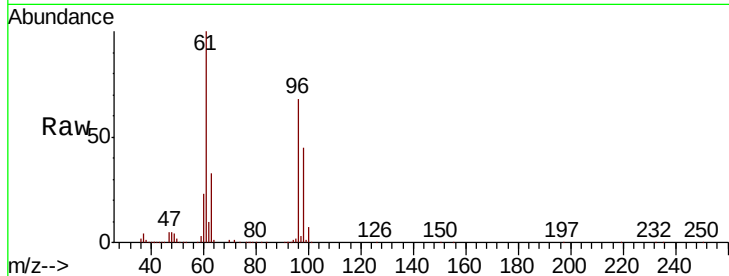
Tot Ion: 61 Resp: 1025848

Ion Ratio Lower Upper

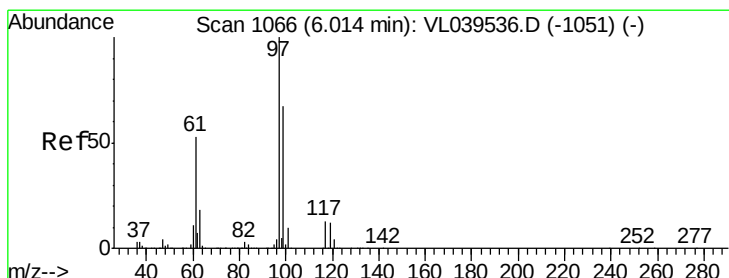
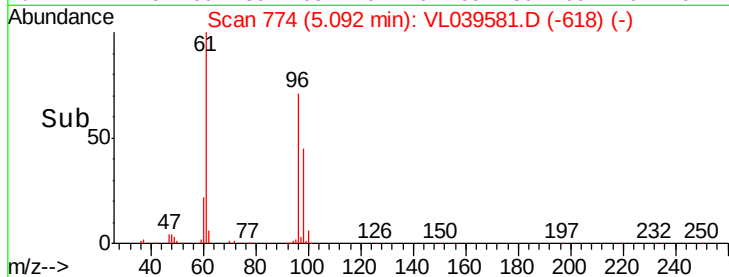
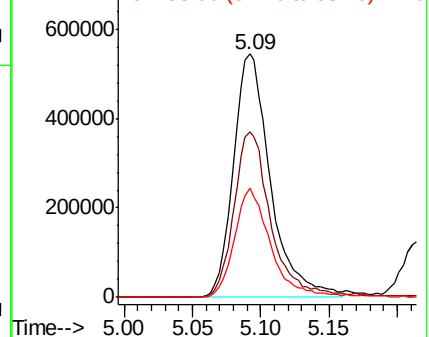
61 100

96 67.8 54.1 81.1

98 44.9 34.6 52.0



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



#32

1,1,1-Trichloroethane

Concen: 10.666 ppbv

RT: 6.01 min Scan# 1061

Delta R.T. 0.00 min

Lab File: VL039581.D

Acq: 25 Aug 2022 17:00

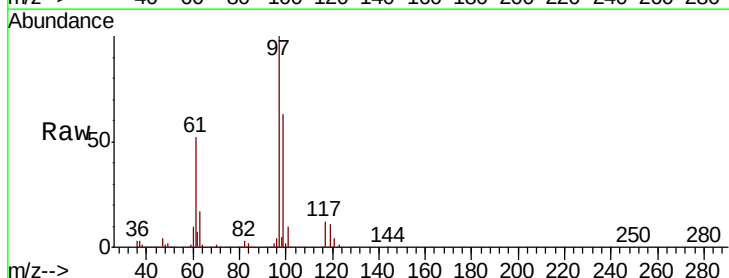
Tgt Ion: 97 Resp: 1533612

Ion Ratio Lower Upper

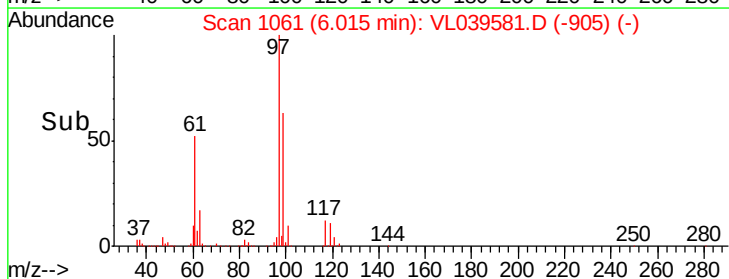
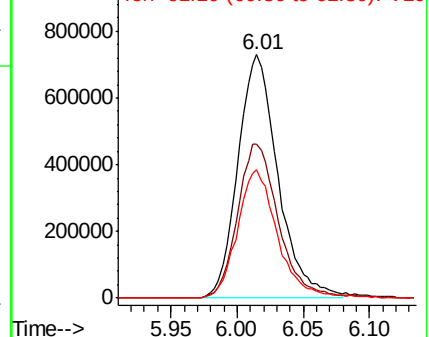
97 100

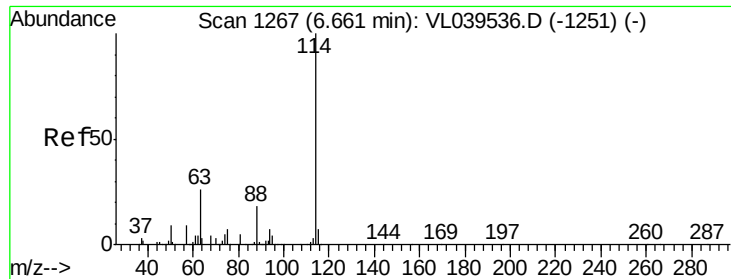
99 65.4 52.3 78.5

61 52.7 40.9 61.3



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: 6.66 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL0825ABS01

Acq: 25 Aug 2022 17:00

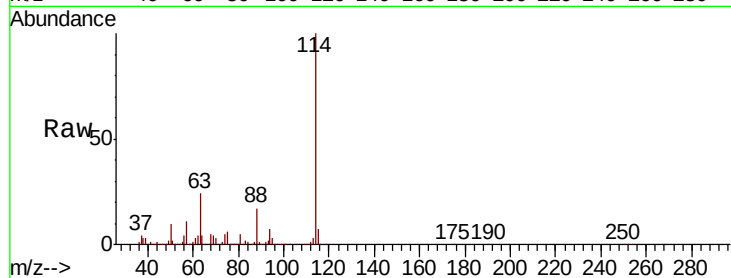
Tot Ion:114 Resp: 2830306

Ion Ratio Lower Upper

114 100

63 25.4 20.2 30.4

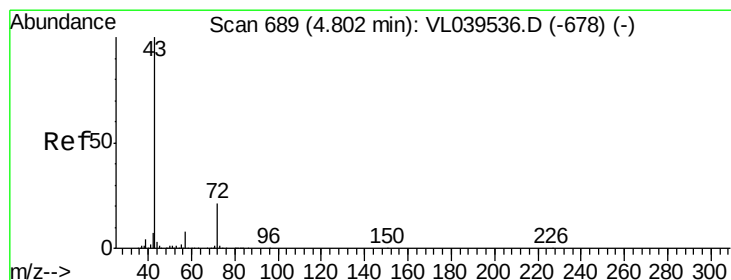
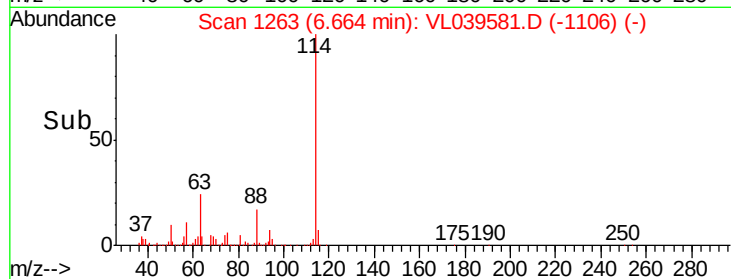
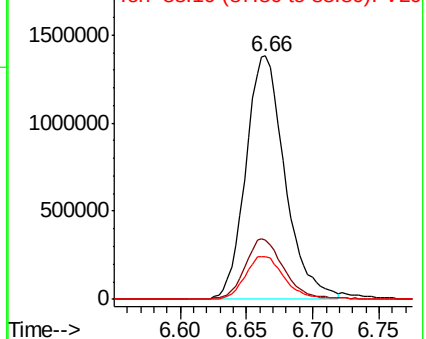
88 18.1 14.5 21.7



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 10.421 ppbv

RT: 4.80 min Scan# 684

Delta R.T. 0.00 min

Lab File: VL039581.D

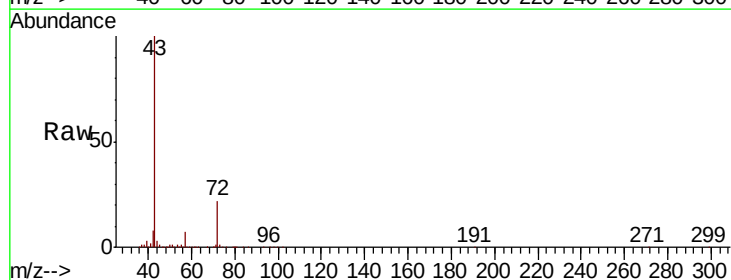
Acq: 25 Aug 2022 17:00

Tgt Ion: 43 Resp: 1466281

Ion Ratio Lower Upper

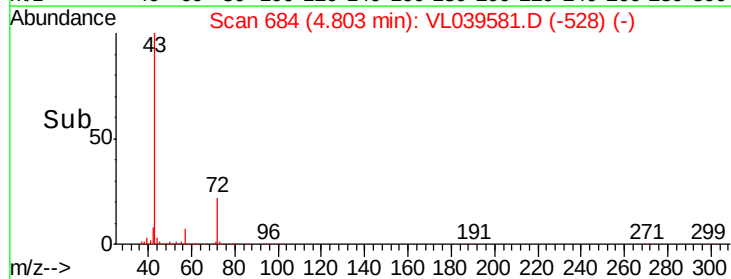
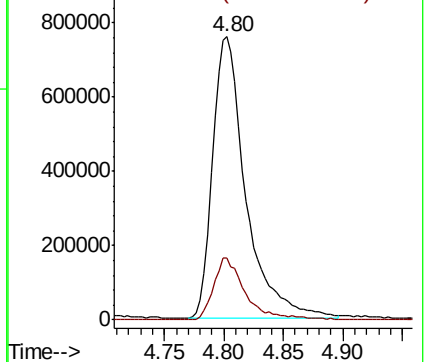
43 100

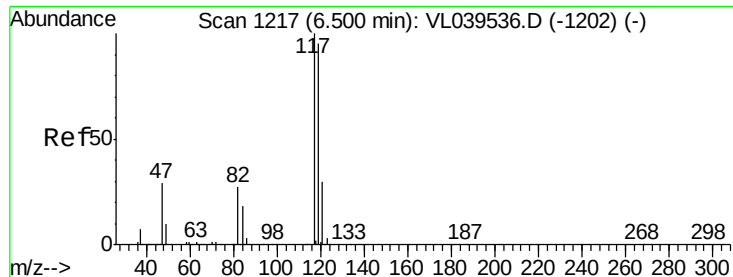
72 21.2 17.9 26.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

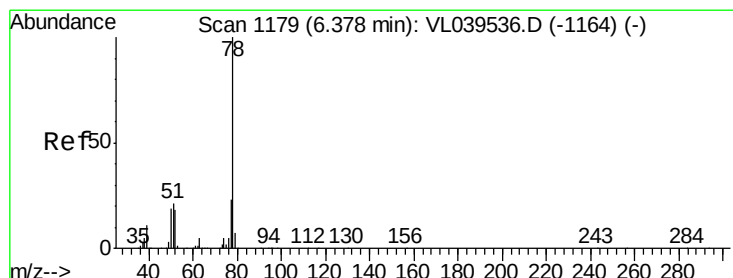
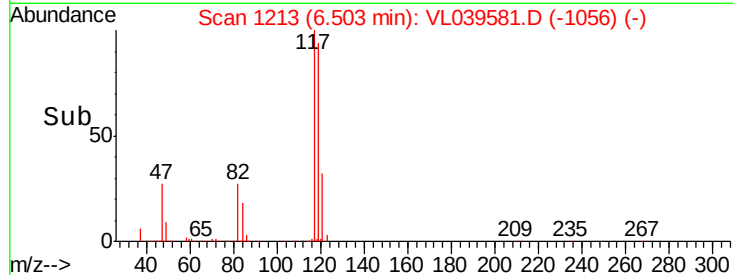
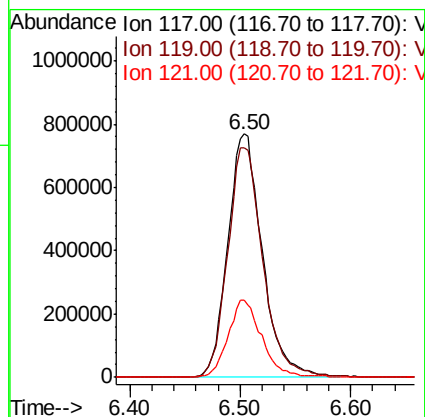
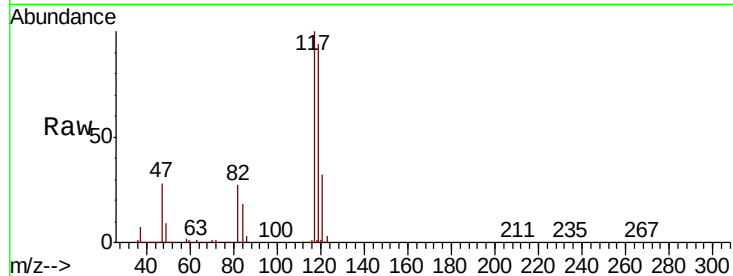
Ion 72.10 (71.80 to 72.80): VL0





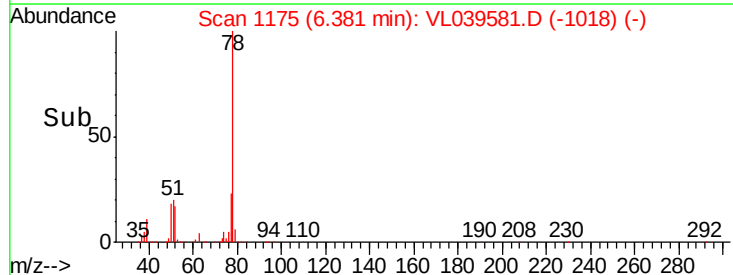
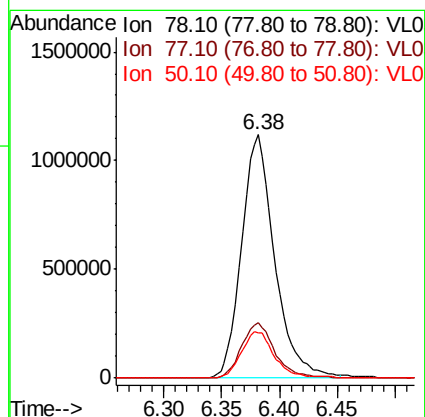
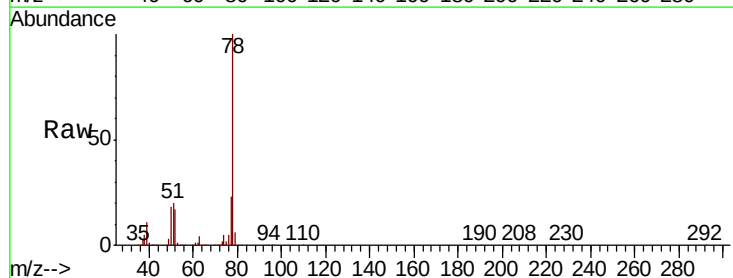
#35
 Carbon Tetrachloride
 Concen: 10.932 ppbv
 RT: 6.50
 Instrument: MSVOA_L
 Delta R.T.:
 Client Sample Id: VL0825ABS01
 Lab File:
 Acq: 25 Aug 2022 17:00

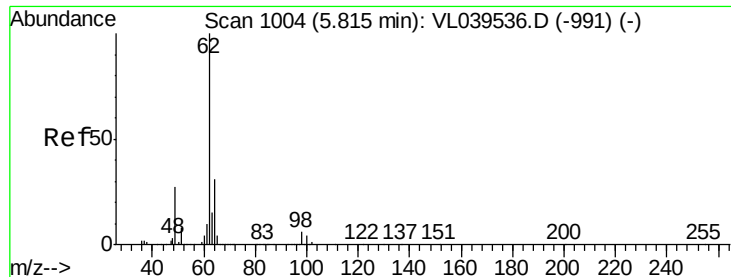
Tot Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.4	113.2
121	31.5	24.2	36.2



#36
 Benzene
 Concen: 10.271 ppbv
 RT: 6.38 min Scan# 1175
 Delta R.T.: 0.00 min
 Lab File: VL039581.D
 Acq: 25 Aug 2022 17:00

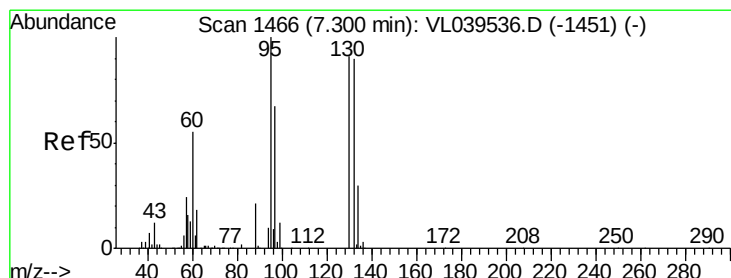
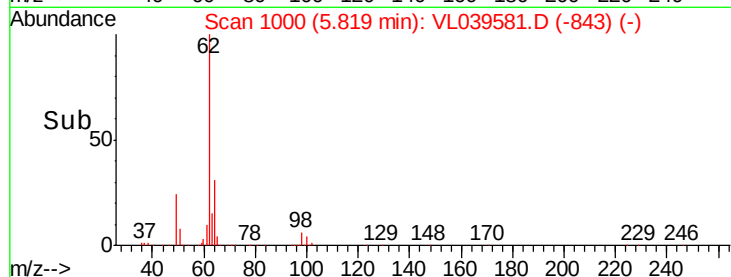
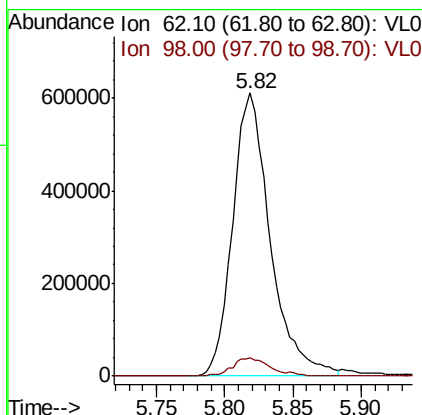
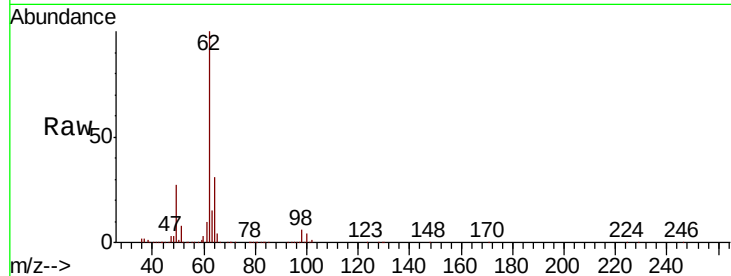
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	20.3	30.5
50	18.3	15.5	23.3





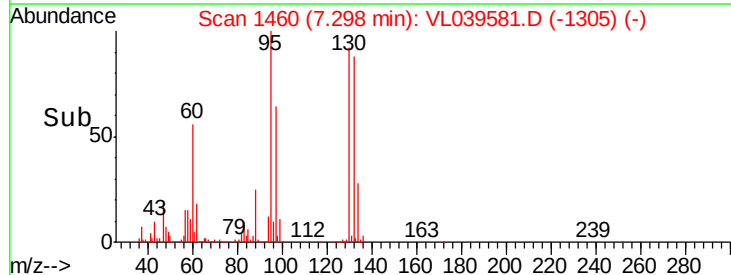
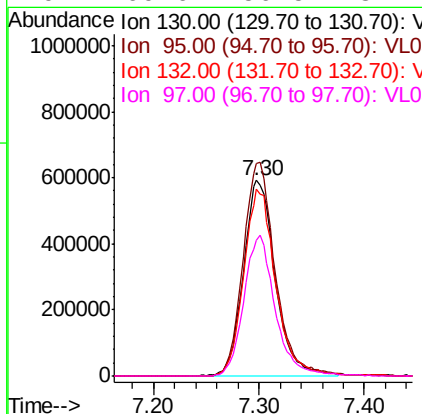
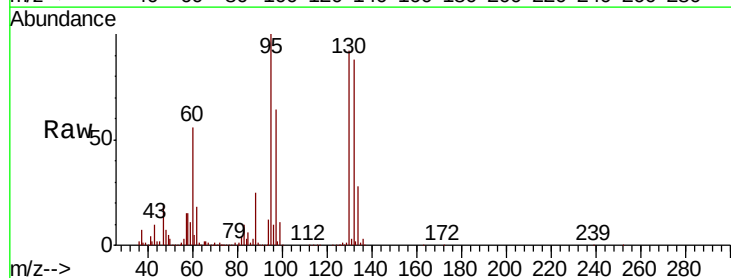
#37
 1,2-Dichloroethane
 Concen: 9.851 ppbv
 RT: 5.82
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VL0825ABS01
 Acq: 25 Aug 2022 17:00

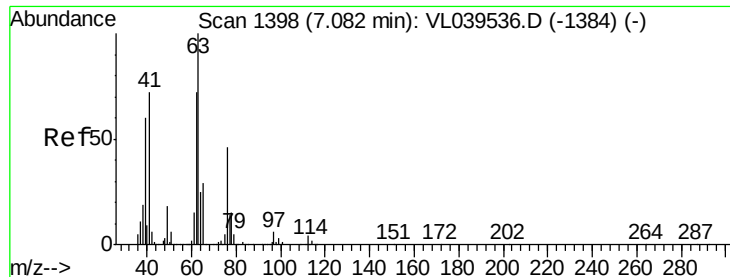
Tot Ion: 62 Resp: 1170758
 Ion Ratio Lower Upper
 62 100
 98 6.9 5.1 7.7



#38
 Trichloroethene
 Concen: 10.750 ppbv
 RT: 7.30 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: VL039581.D
 Acq: 25 Aug 2022 17:00

Tgt Ion:130 Resp: 1242684
 Ion Ratio Lower Upper
 130 100
 95 108.8 87.3 130.9
 132 95.9 76.7 115.1
 97 69.6 56.5 84.7





#39

1,2-Dichloropropane

Concen: 10.416 ppbv

RT: 7.08 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Aug 2022 17:00 VL0825ABS01

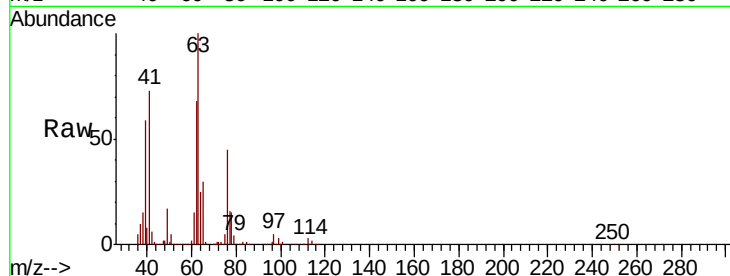
Tot Ion: 63 Resp: 844875

Ion Ratio Lower Upper

63 100

41 72.5 59.6 89.4

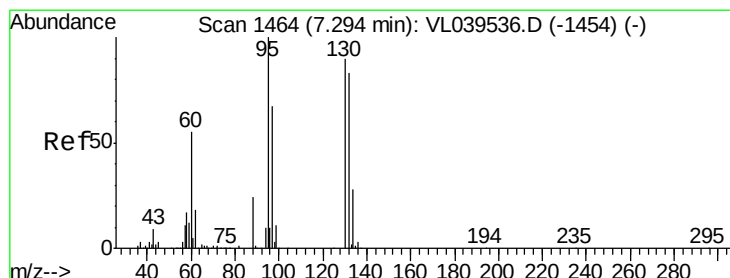
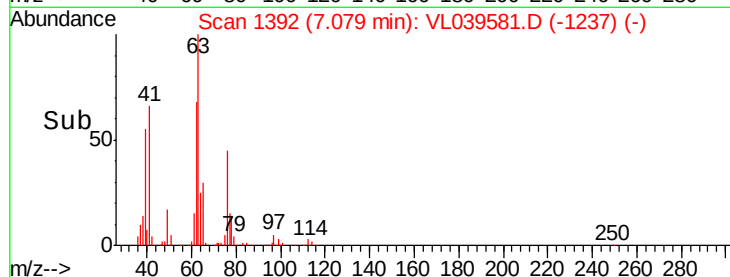
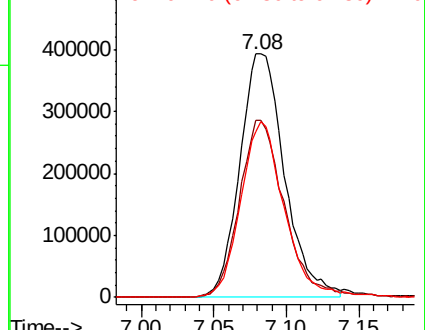
62 67.8 51.4 77.0



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: 10.925 ppbv

RT: 7.30 min Scan# 1460

Delta R.T. 0.00 min

Lab File: VL039581.D

Acq: 25 Aug 2022 17:00

Tgt Ion: 88 Resp: 346968

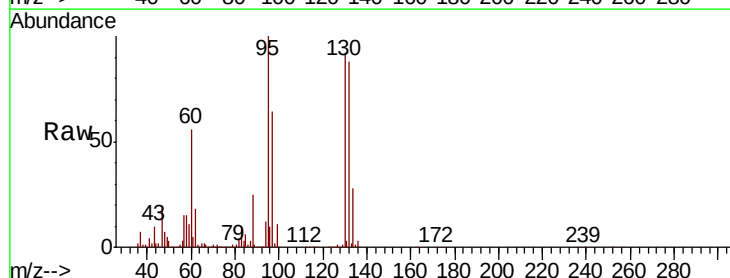
Ion Ratio Lower Upper

88 100

58 120.5 100.2 150.4

43 244.6 205.8 308.6

57 1072.5 879.1 1318.7

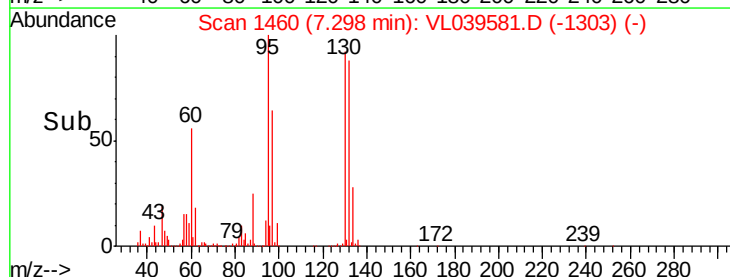
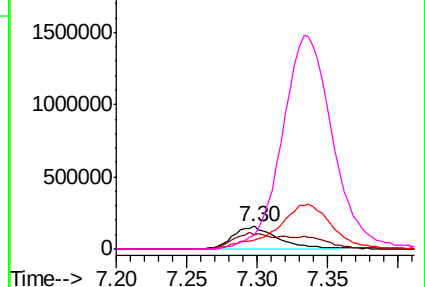


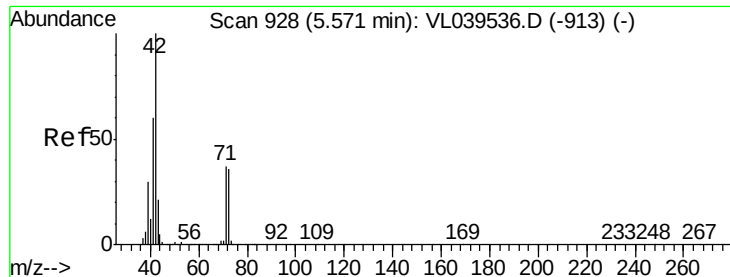
Abundance Ion 88.10 (87.80 to 88.80): VL0

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: 10.623 ppbv

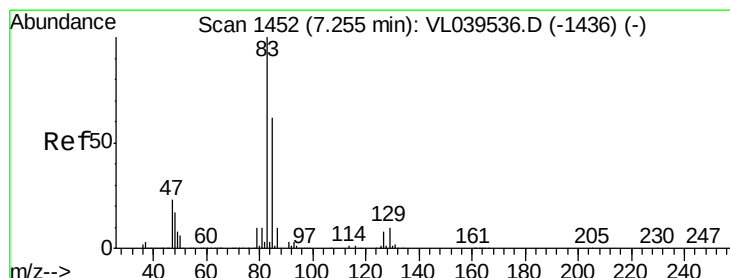
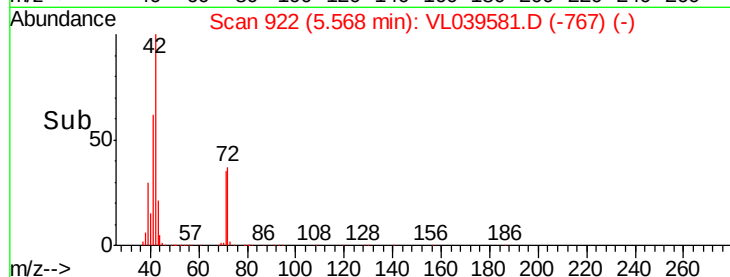
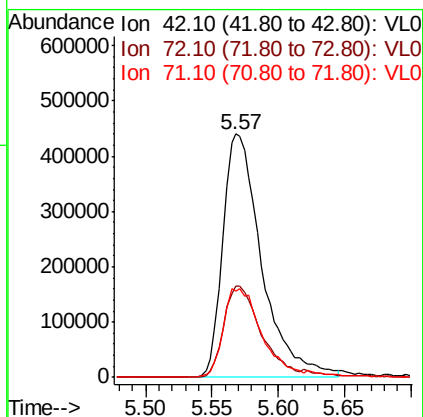
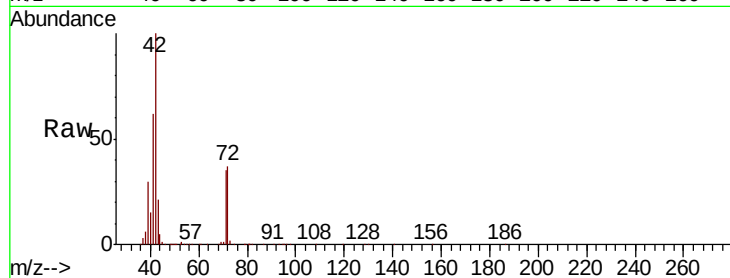
RT: 5.57

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Aug 2022 17:00

Tot Ion:	42	Resp:	892907
Ion	Ratio	Lower	Upper
42	100		
72	38.6	31.8	47.8
71	38.1	31.8	47.8



#42

Bromodichloromethane

Concen: 10.739 ppbv

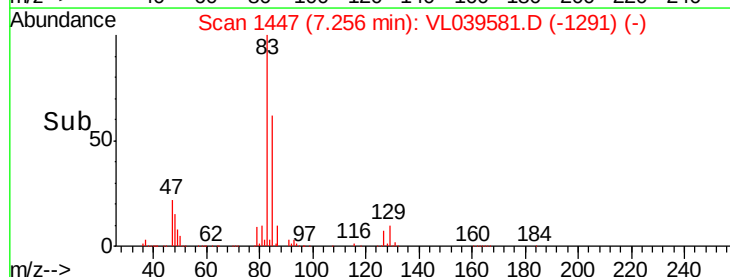
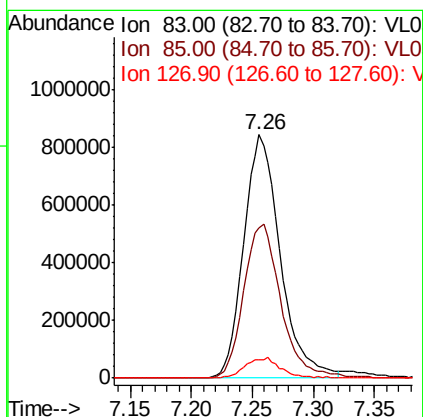
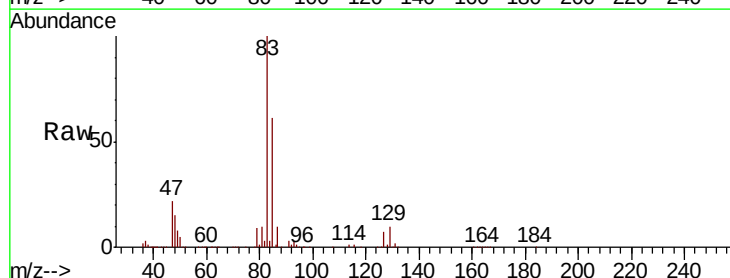
RT: 7.26 min Scan# 1447

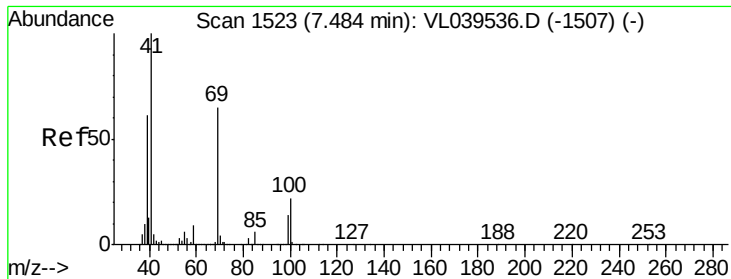
Delta R.T. 0.00 min

Lab File: VL039581.D

Acq: 25 Aug 2022 17:00

Tgt Ion:	83	Resp:	1746344
Ion	Ratio	Lower	Upper
83	100		
85	61.5	50.7	76.1
127	7.5	6.6	9.8





#43

Methyl Methacrylate

Concen: 11.225 ppbv

RT: 7.48 Instrument: MSVOA_1

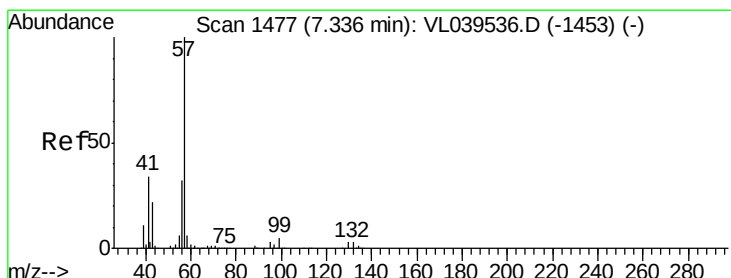
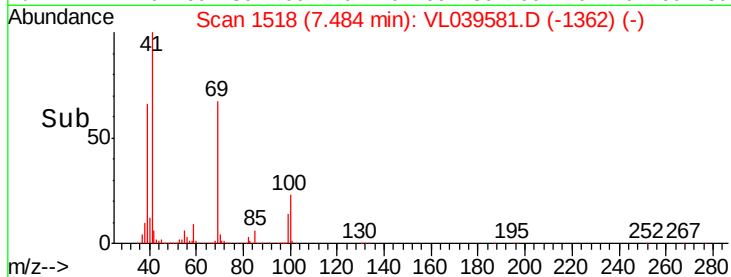
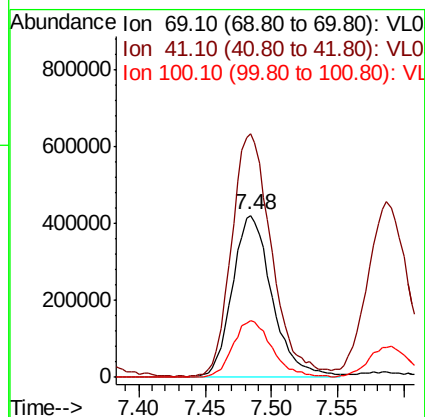
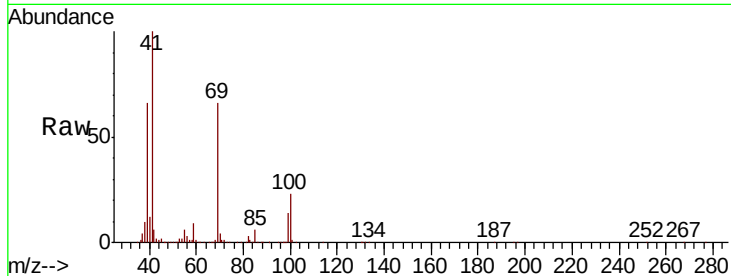
Delta R.T. ClientSampleId:

Lab File: VL0825ABS01

Acq: 25 Aug 2022 17:00

Tot Ion: 69 Resp: 873269

Ion	Ratio	Lower	Upper
69	100		
41	153.3	120.8	181.2
100	34.8	27.8	41.6



#44

2,2,4-Trimethylpentane

Concen: 10.210 ppbv

RT: 7.33 min Scan# 1471

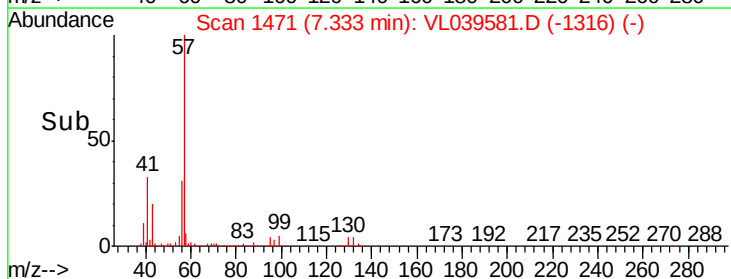
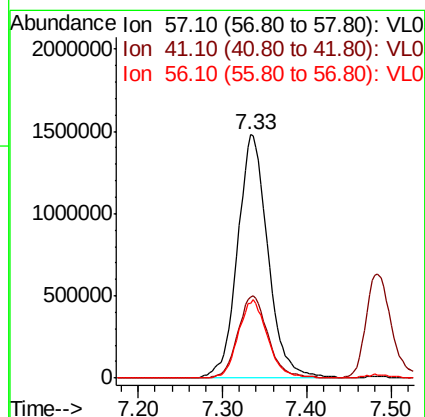
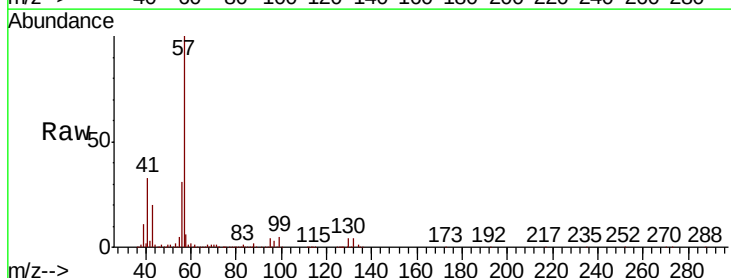
Delta R.T. -0.00 min

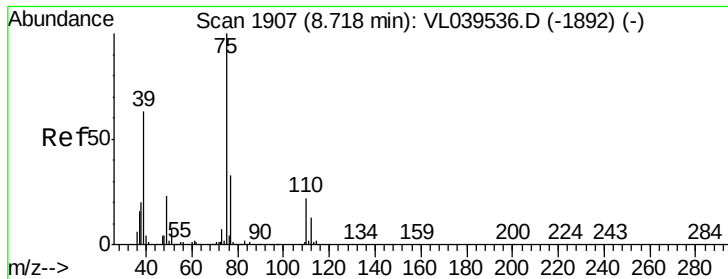
Lab File: VL039581.D

Acq: 25 Aug 2022 17:00

Tgt Ion: 57 Resp: 3713535

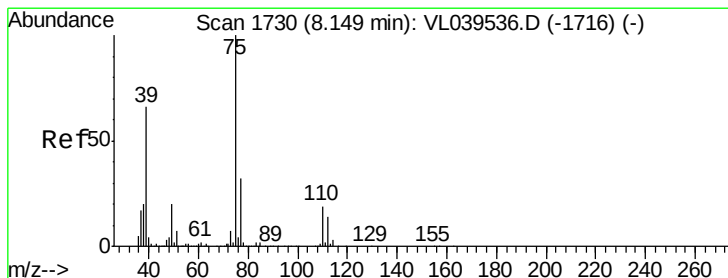
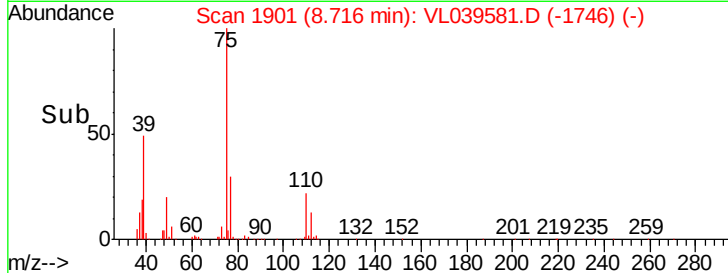
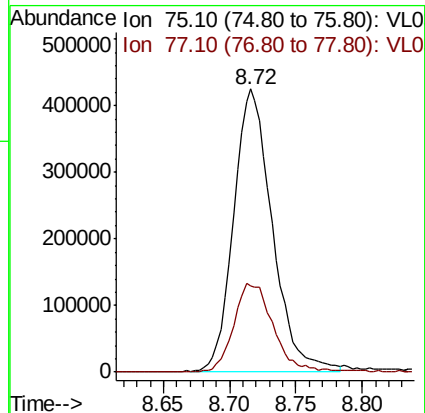
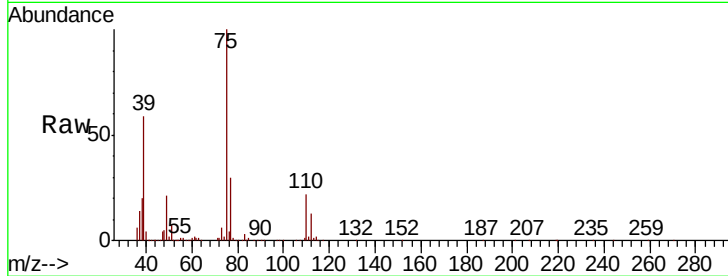
Ion	Ratio	Lower	Upper
57	100		
41	33.6	27.4	41.2
56	31.2	24.5	36.7





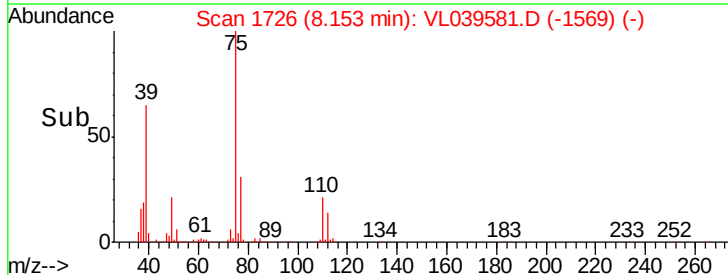
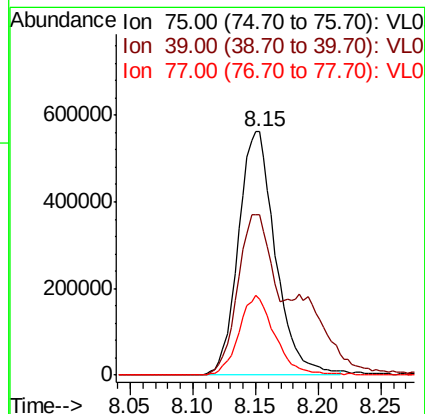
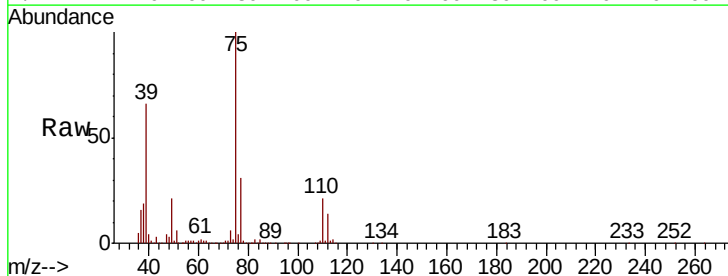
#45
 t-1,3-Dichloropropene
 Concen: 12.632 ppbv
 RT: 8.72
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0825ABS01
 Acq: 25 Aug 2022 17:00

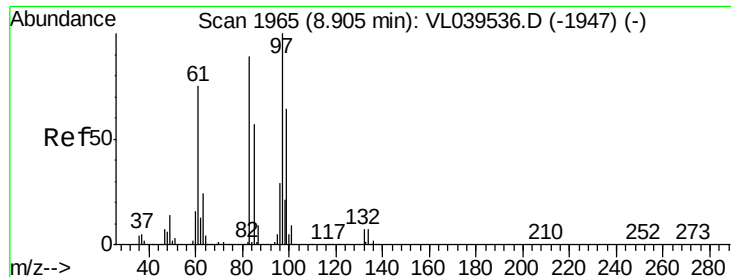
Tot Ion: 75 Resp: 855836
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.6 36.8



#46
 cis-1,3-Dichloropropene
 Concen: 12.308 ppbv
 RT: 8.15 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: VL039581.D
 Acq: 25 Aug 2022 17:00

Tgt Ion: 75 Resp: 1155076
 Ion Ratio Lower Upper
 75 100
 39 66.0 55.0 82.4
 77 31.4 25.7 38.5





#47

1,1,2-Trichloroethane

Concen: 9.717 ppbv

RT: 8.91 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VL0825ABS01

Acq: 25 Aug 2022 17:00

Tot Ion: 97 Resp: 900120

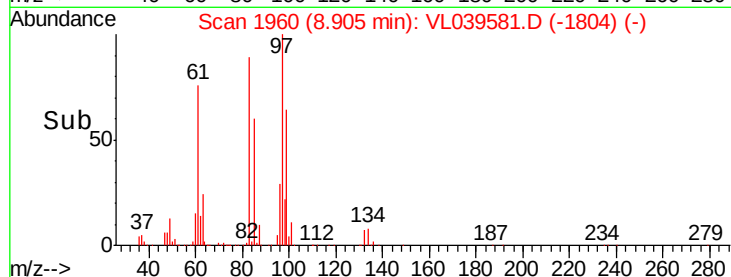
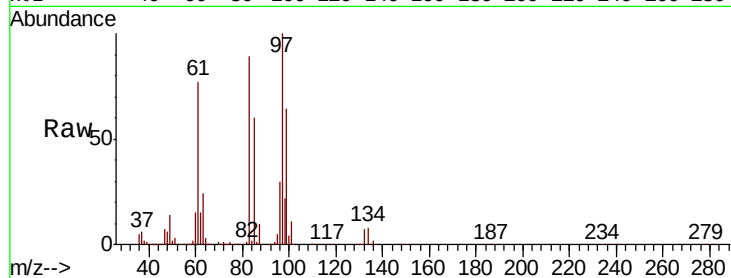
Ion	Ratio	Lower	Upper
97	100		
83	88.5	67.4	101.0
85	59.9	45.1	67.7
99	64.5	48.6	73.0

97 100

83 88.5 67.4 101.0

85 59.9 45.1 67.7

99 64.5 48.6 73.0



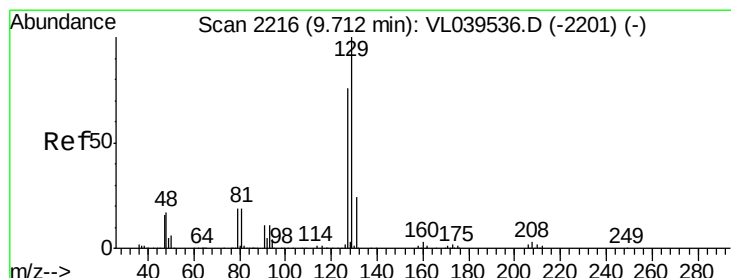
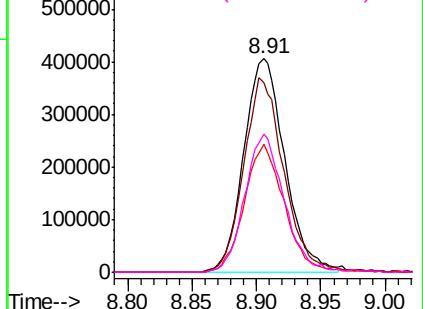
Abundance

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: 11.456 ppbv

RT: 9.71 min Scan# 2211

Delta R.T. 0.00 min

Lab File: VL039581.D

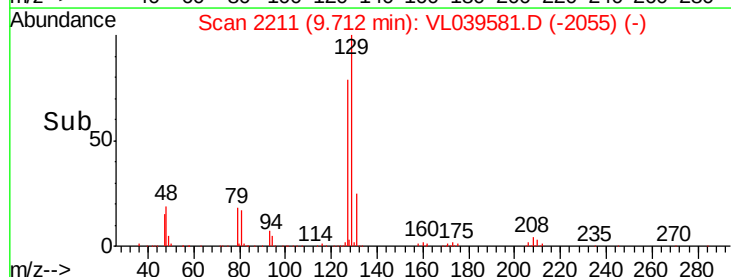
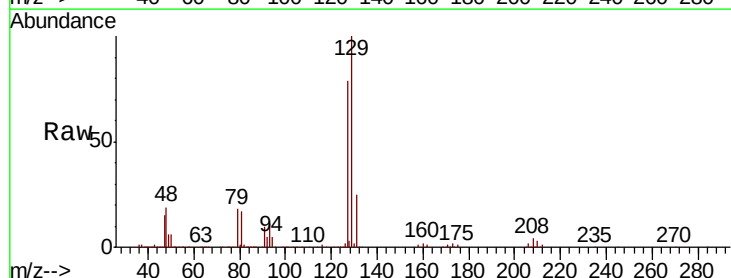
Acq: 25 Aug 2022 17:00

Tgt Ion: 129 Resp: 1564353

Ion	Ratio	Lower	Upper
129	100		
127	79.7	39.3	117.9

129 100

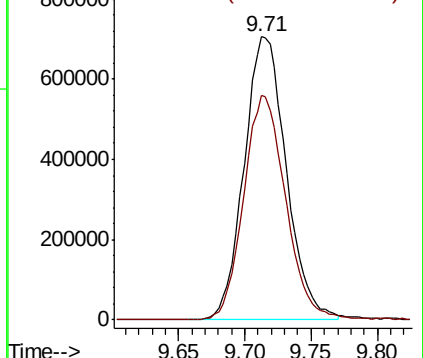
127 79.7 39.3 117.9

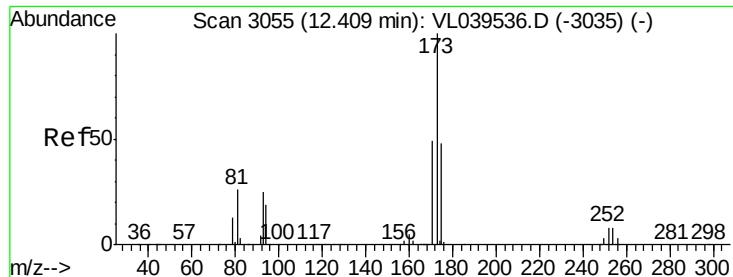


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 11.840 ppbv

RT: 12.41

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Aug 2022 17:00

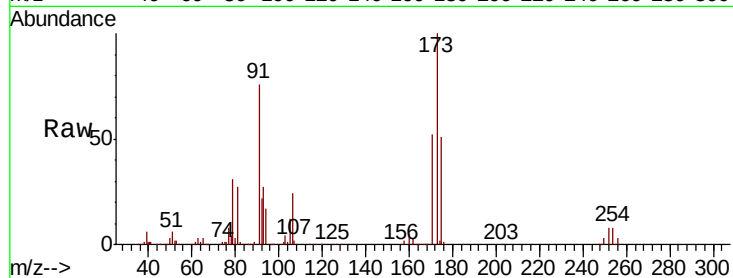
Tot Ion:173 Resp: 1339154

Ion Ratio Lower Upper

173 100

175 49.4 40.3 60.5

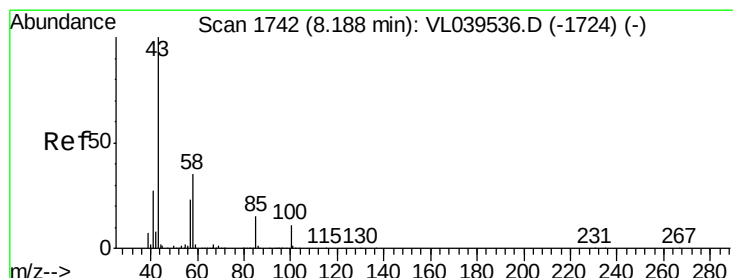
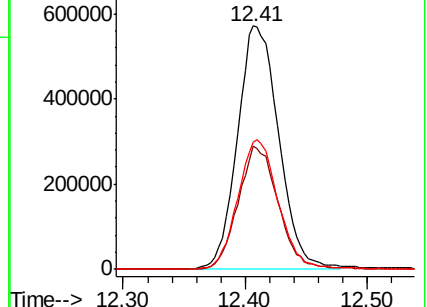
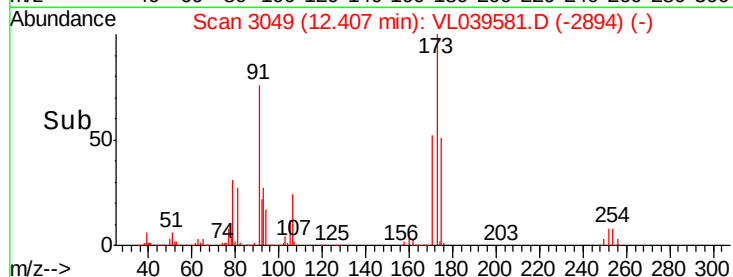
171 52.3 42.9 64.3



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: 10.564 ppbv

RT: 8.19 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VL039581.D

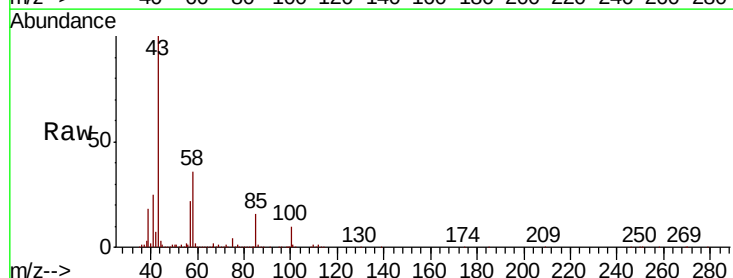
Acq: 25 Aug 2022 17:00

Tgt Ion: 43 Resp: 2315734

Ion Ratio Lower Upper

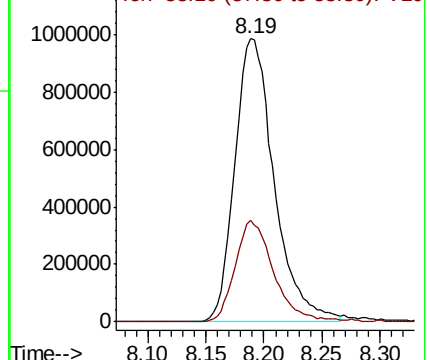
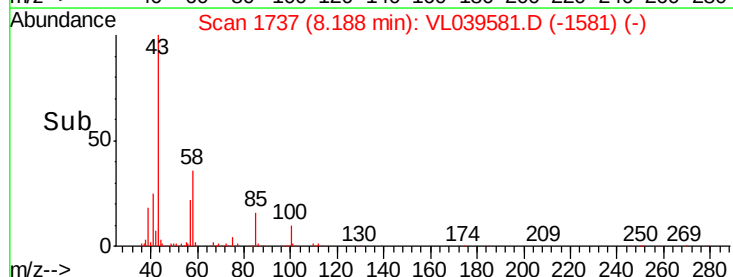
43 100

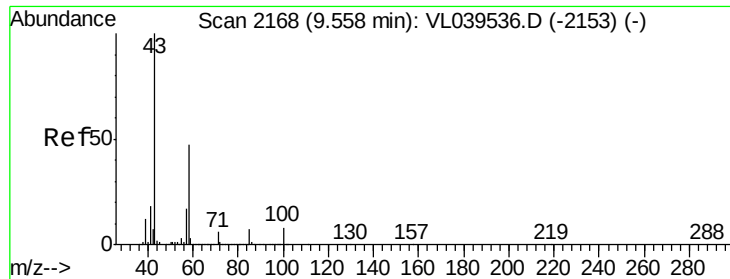
58 35.6 28.8 43.2



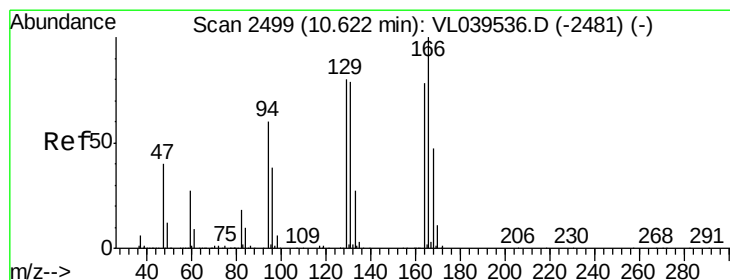
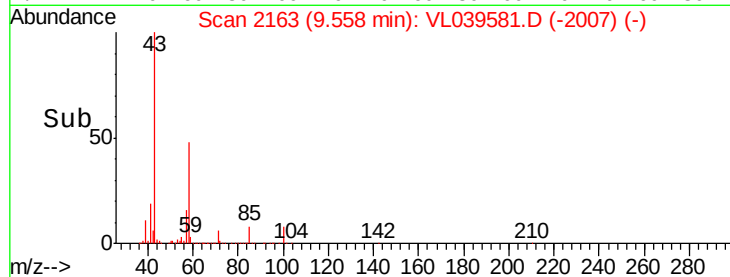
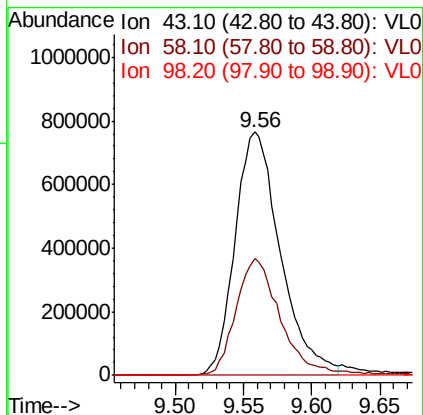
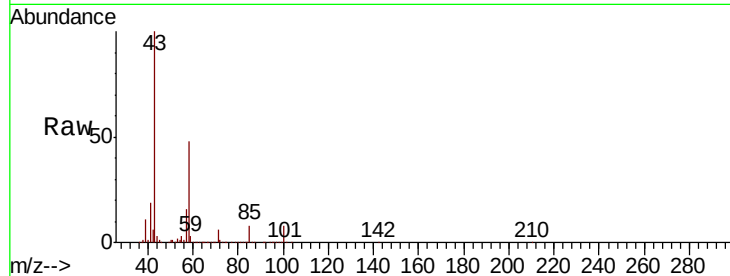
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



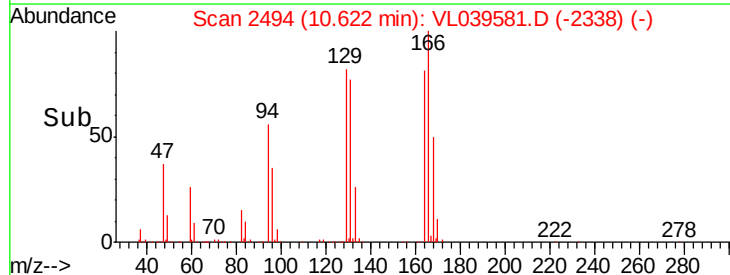
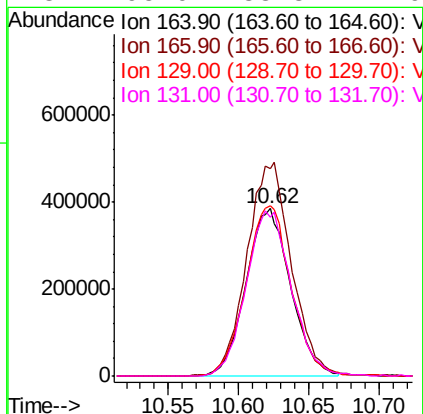
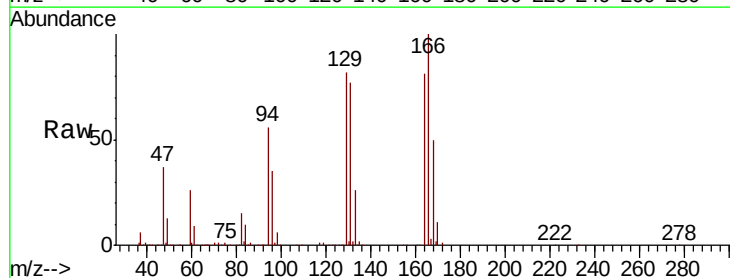


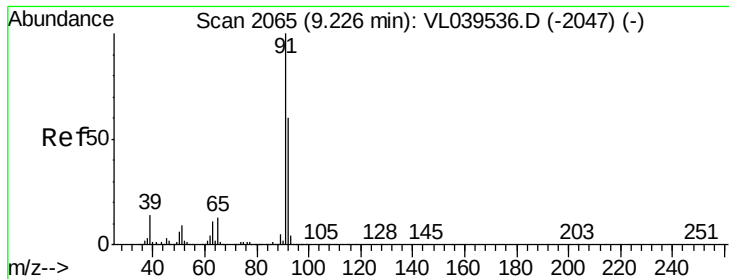
#51
2-Hexanone
Concen: 10.962 ppbv
RT: 9.56
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Aug 2022 17:00
Tat Ion: 43 Resp: 1768552
Ion Ratio Lower Upper
43 100
58 48.1 38.4 57.6
98 0.3 0.3 0.5#



#52
Tetrachloroethene
Concen: 10.420 ppbv
RT: 10.62 min Scan# 2494
Delta R.T. 0.00 min
Lab File: VL039581.D
Acq: 25 Aug 2022 17:00

Tgt Ion:164 Resp: 850553
Ion Ratio Lower Upper
164 100
166 123.9 102.2 153.2
129 101.9 85.8 128.8
131 95.0 83.3 124.9





#53

Toluene

Concen: 10.844 ppbv

RT: 9.23 Instrument: MSVOA_1

Delta R.T. -0.00

Lab File: ClientSampleId: VL0825ABS01

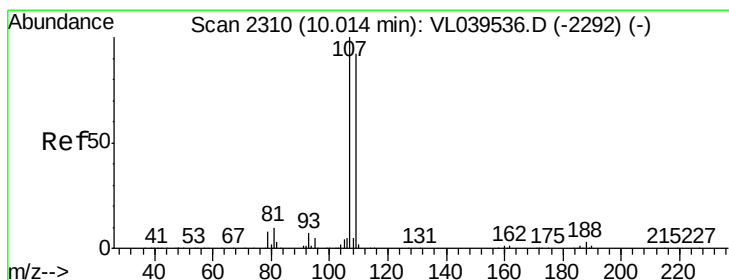
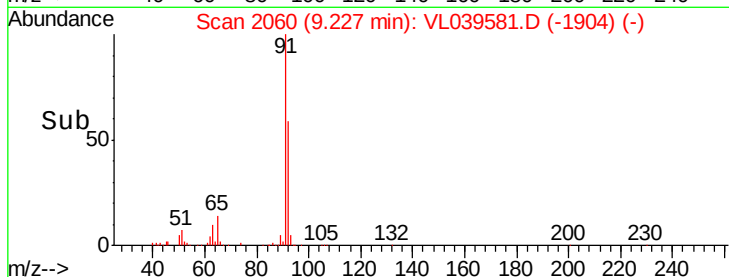
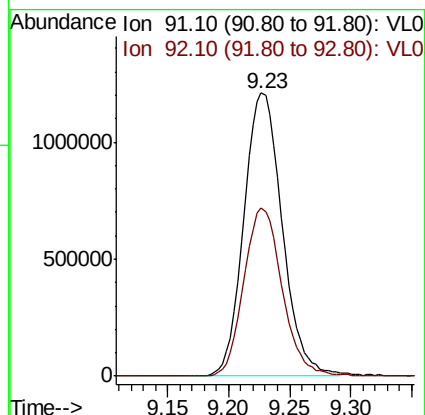
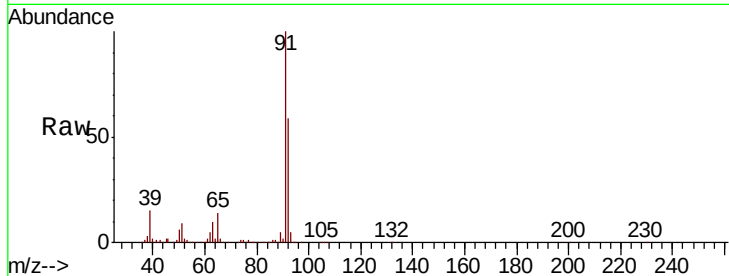
Acq: 25 Aug 2022 17:00

Tot Ion: 91 Resp: 2618423

Ion Ratio Lower Upper

91 100

92 59.6 48.2 72.2



#54

1,2-Dibromoethane

Concen: 10.692 ppbv

RT: 10.01 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VL039581.D

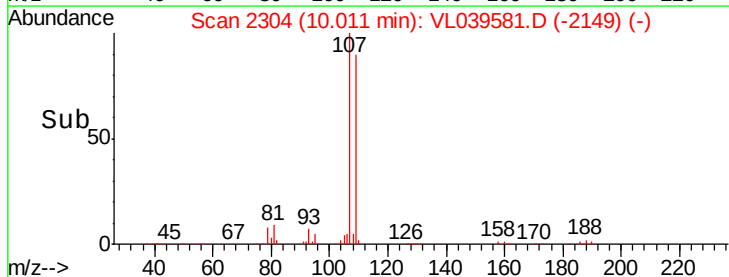
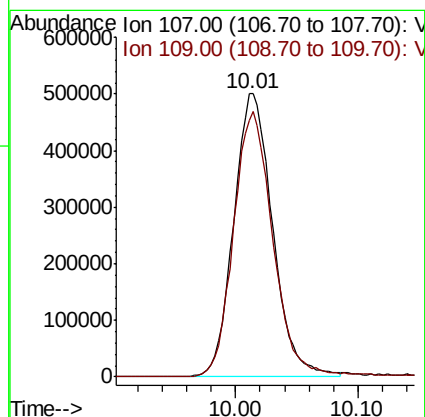
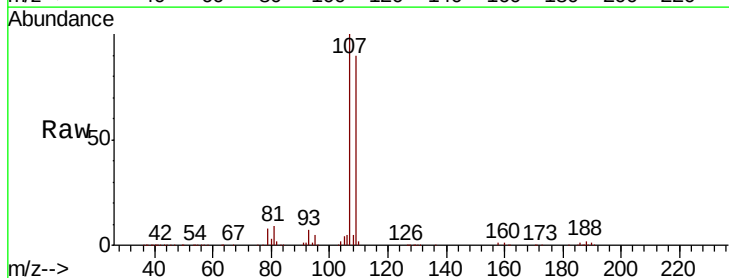
Acq: 25 Aug 2022 17:00

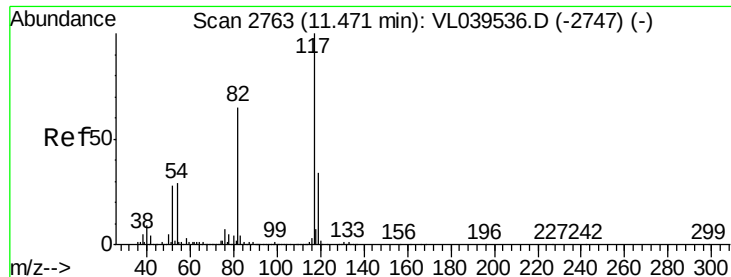
Tgt Ion: 107 Resp: 1107823

Ion Ratio Lower Upper

107 100

109 90.4 74.8 112.2

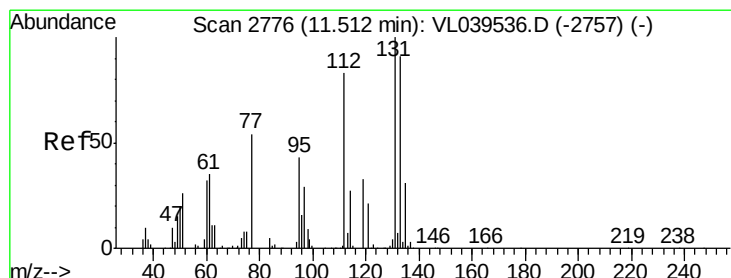
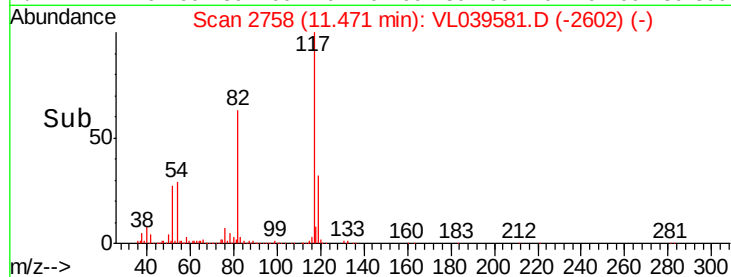
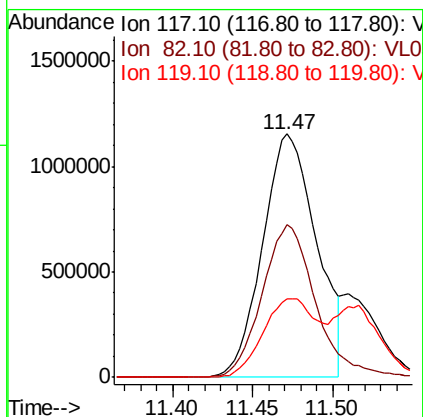
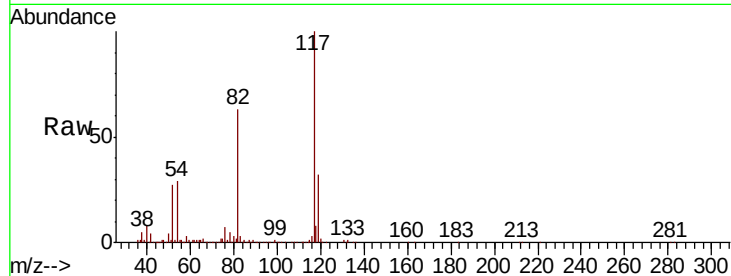




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 11.47 min
 Instrument: MSVOA_1
 Delta R.T.: 0.00 min
 Lab File: VL0825ABS01
 ClientSampleId:
 Acq: 25 Aug 2022 17:00

Tot Ion:117 Resp: 2697111

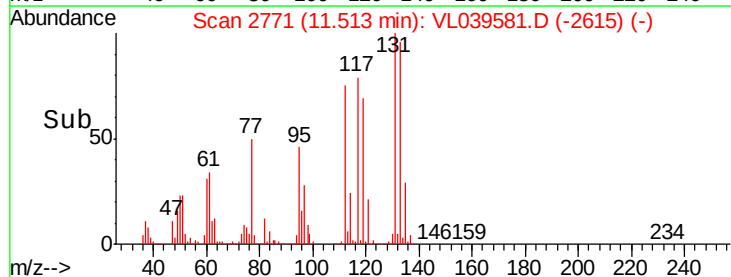
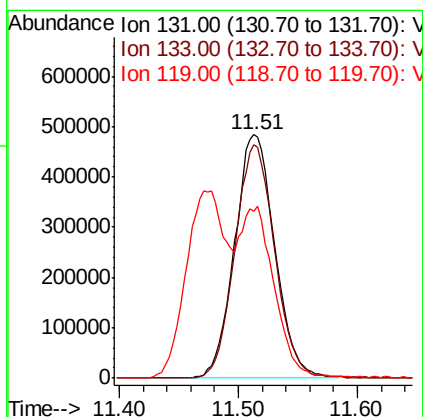
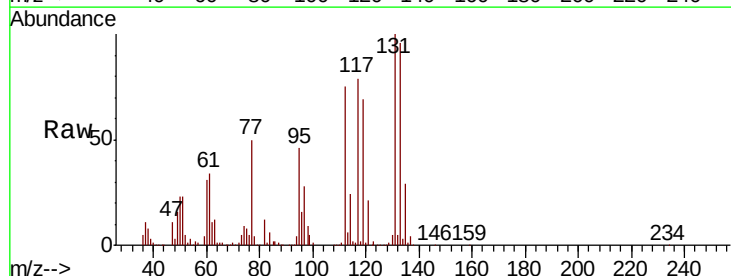
Ion	Ratio	Lower	Upper
117	100		
82	63.2	50.8	76.2
119	33.5	24.1	36.1

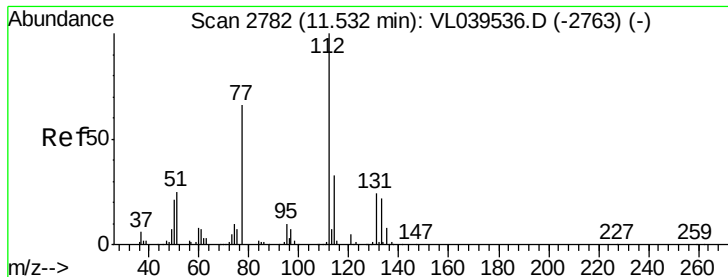


#56
 1,1,1,2-Tetrachloroethane
 Concen: 10.311 ppbv
 RT: 11.51 min Scan# 2771
 Delta R.T.: 0.00 min
 Lab File: VL039581.D
 Acq: 25 Aug 2022 17:00

Tgt Ion:131 Resp: 1129981

Ion	Ratio	Lower	Upper
131	100		
133	95.3	76.8	115.2
119	64.4	46.2	69.4





#57

Chlorobenzene

Concen: 9.798 ppbv

RT: 11.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Aug 2022 17:00

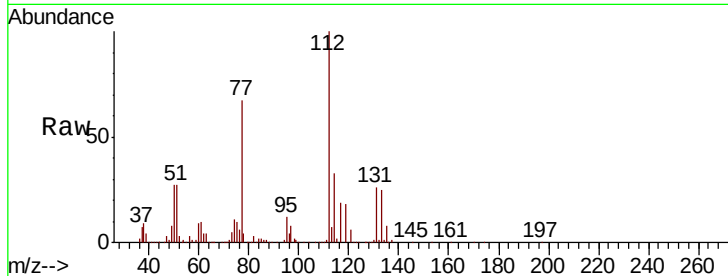
Tot Ion: 112 Resp: 1971573

Ion Ratio Lower Upper

112 100

77 66.0 51.0 76.4

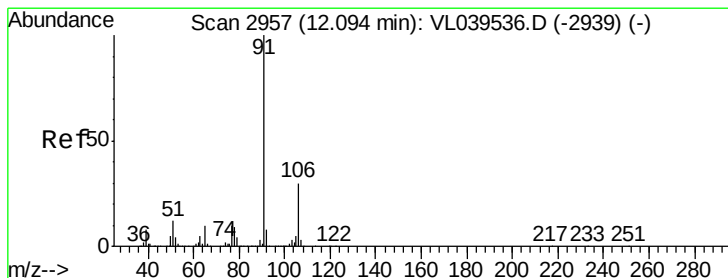
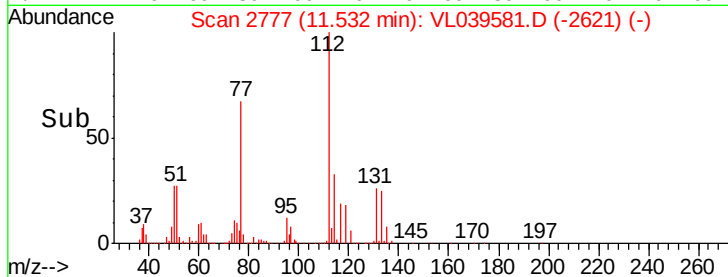
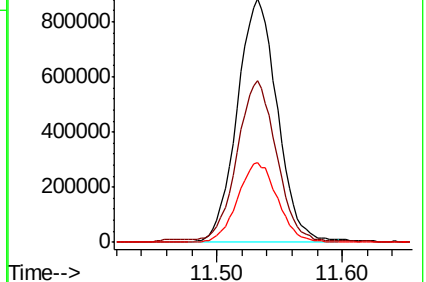
114 32.5 27.5 33.6



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: 11.045 ppbv

RT: 12.09 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VL039581.D

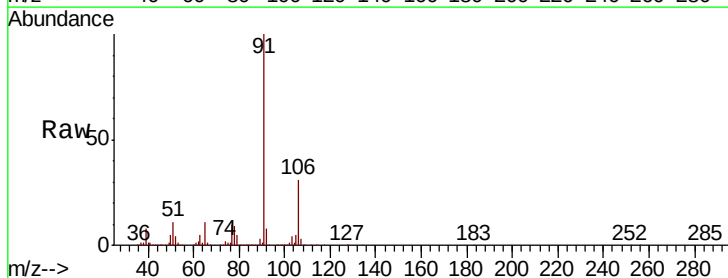
Acq: 25 Aug 2022 17:00

Tgt Ion: 91 Resp: 3422526

Ion Ratio Lower Upper

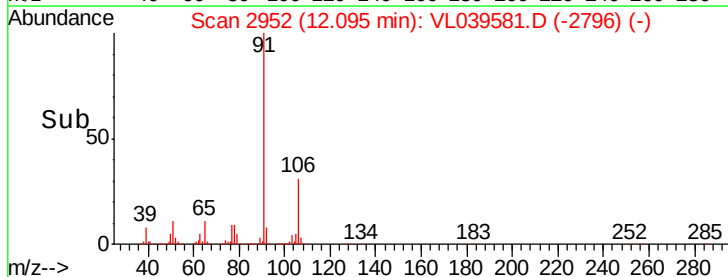
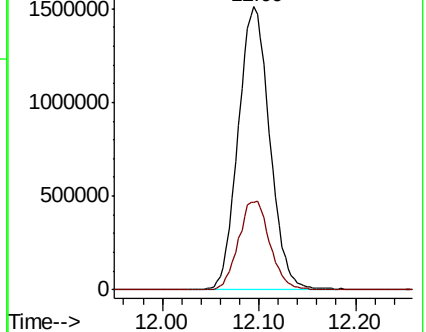
91 100

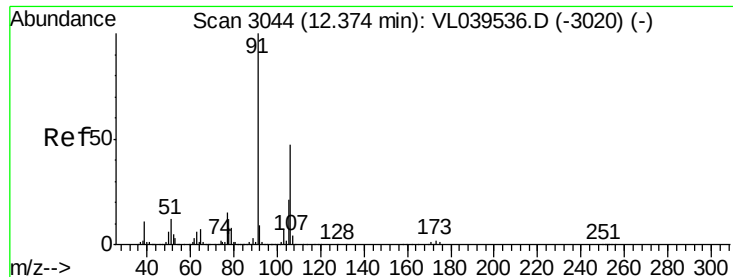
106 30.8 25.4 38.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

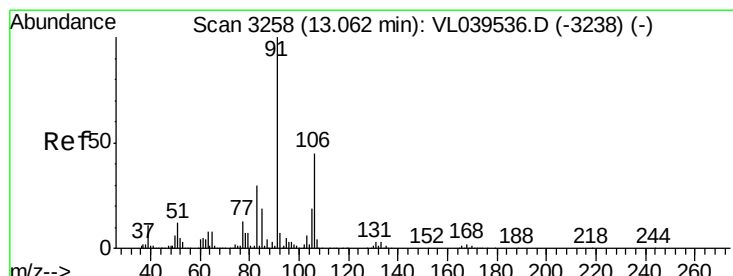
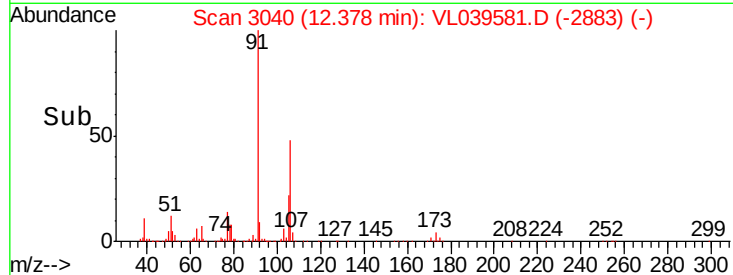
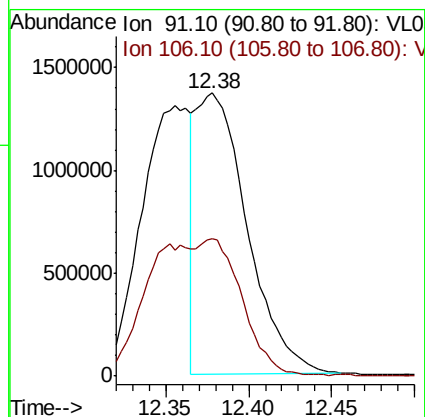
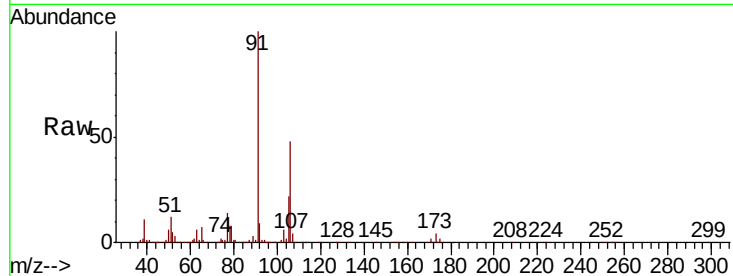
Ion 106.10 (105.80 to 106.80): V





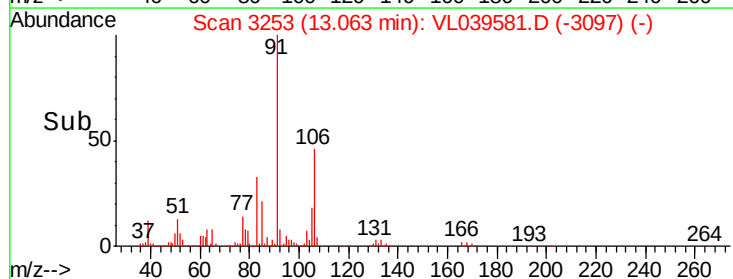
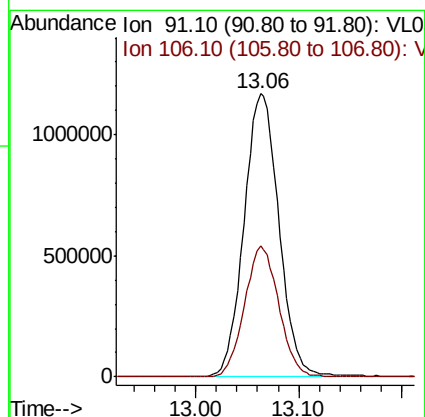
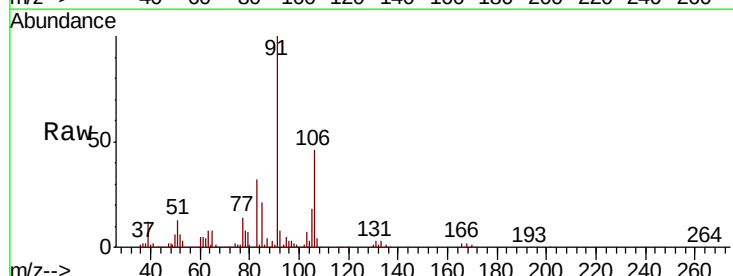
#59
m/p-Xylene
Concen: 10.525 ppbv
RT: 12.38 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: VL0825ABS01
Client Sample ID: VL0825ABS01
Acq: 25 Aug 2022 17:00

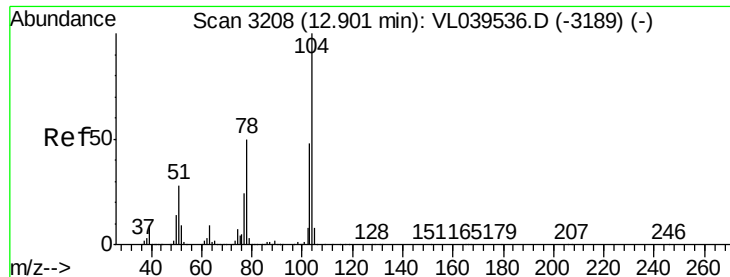
Tot Ion: 91 Resp: 2926128
Ion Ratio Lower Upper
91 100
106 89.1 35.4 53.2#



#60
o-Xylene
Concen: 10.279 ppbv
RT: 13.06 min Scan# 3253
Delta R.T.: 0.00 min
Lab File: VL039581.D
Acq: 25 Aug 2022 17:00

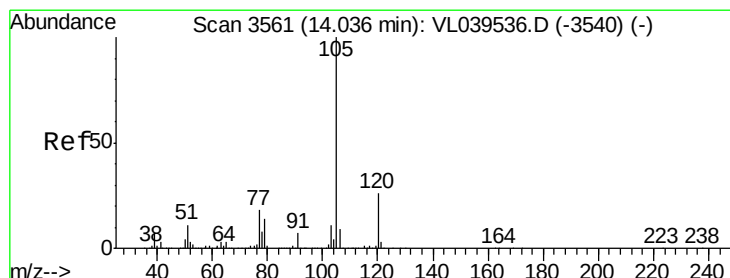
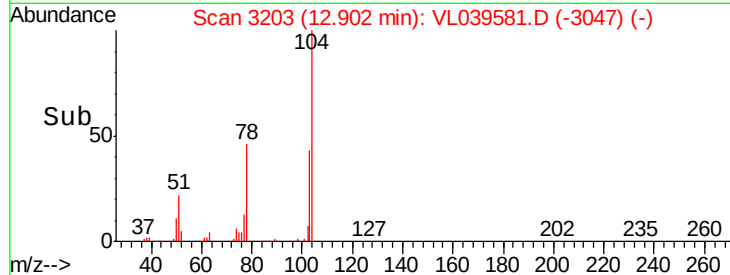
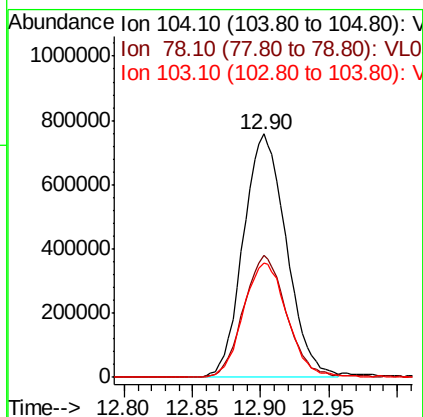
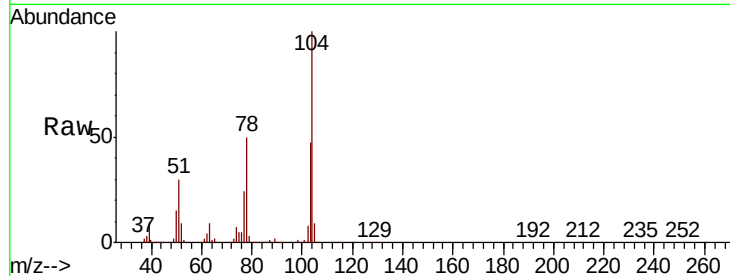
Tgt Ion: 91 Resp: 2742962
Ion Ratio Lower Upper
91 100
106 45.8 22.4 67.3





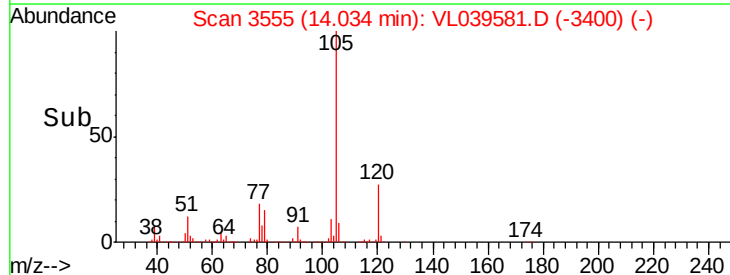
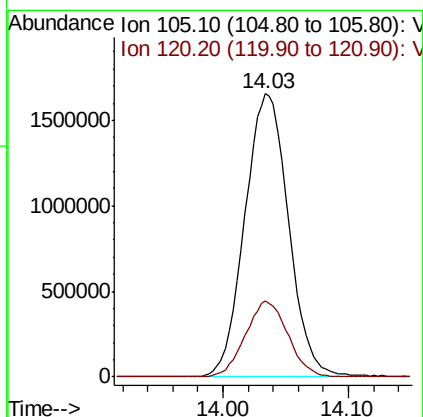
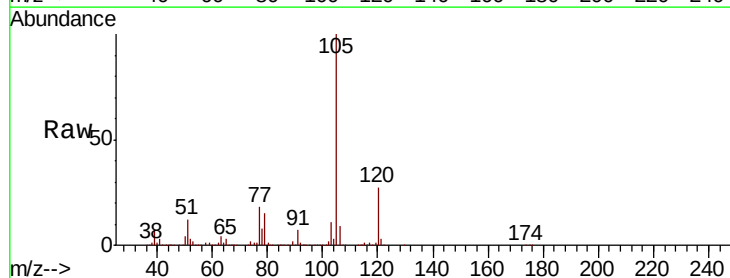
#61
Stvrene
Concen: 11.698 ppbv
RT: 12.90 min
Instrument: MSVOA_1
Delta R.T.: -0.00 min
Lab File: VL0825ABS01
ClientSampleId: VL0825ABS01
Acq: 25 Aug 2022 17:00

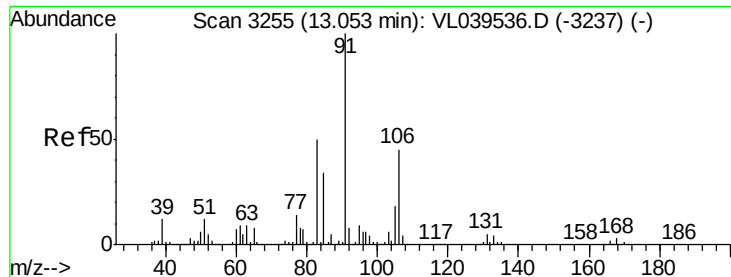
Tot Ion:104 Resp: 1662576
Ion Ratio Lower Upper
104 100
78 50.3 41.2 61.8
103 48.2 38.7 58.1



#62
Isopropylbenzene
Concen: 9.913 ppbv
RT: 14.03 min Scan# 3555
Delta R.T.: -0.00 min
Lab File: VL039581.D
Acq: 25 Aug 2022 17:00

Tgt Ion:105 Resp: 4000206
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1





#63

1,1,2,2-Tetrachloroethane

Concen: 8.959 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Aug 2022 17:00

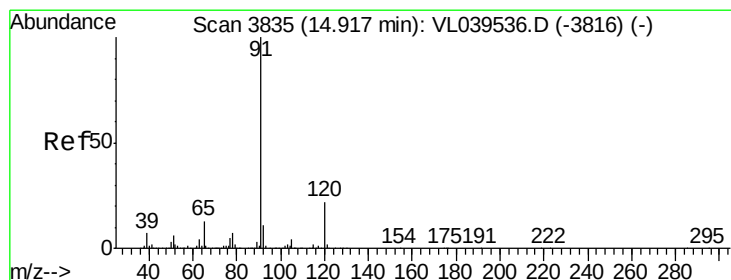
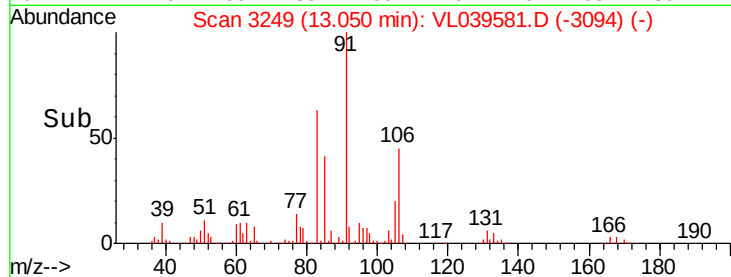
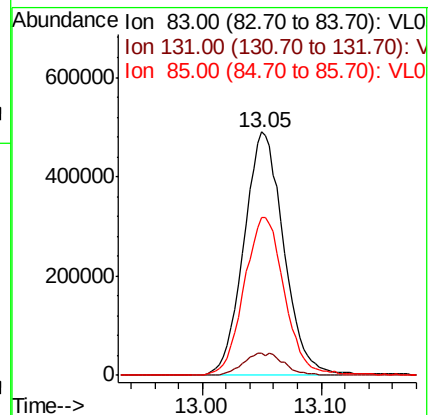
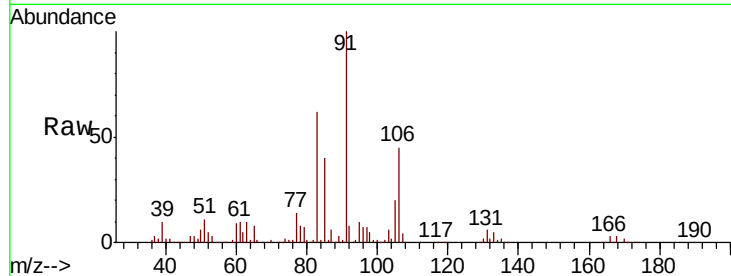
Tot Ion: 83 Resp: 1132151

Ion Ratio Lower Upper

83 100

131 9.5 5.3 15.8

85 66.7 33.1 99.5



#64

n-propylbenzene

Concen: 10.069 ppbv

RT: 14.92 min Scan# 3830

Delta R.T. 0.00 min

Lab File: VL039581.D

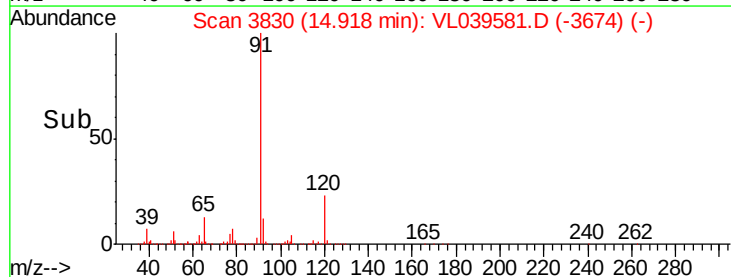
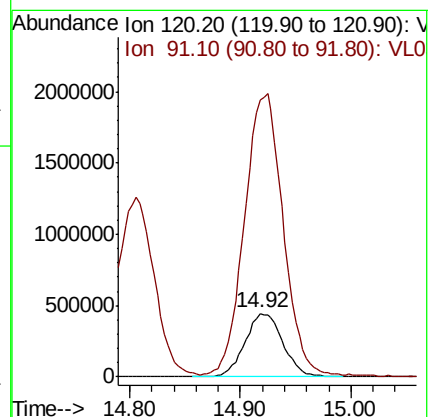
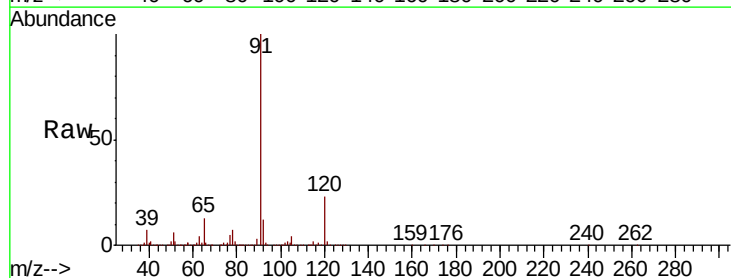
Acq: 25 Aug 2022 17:00

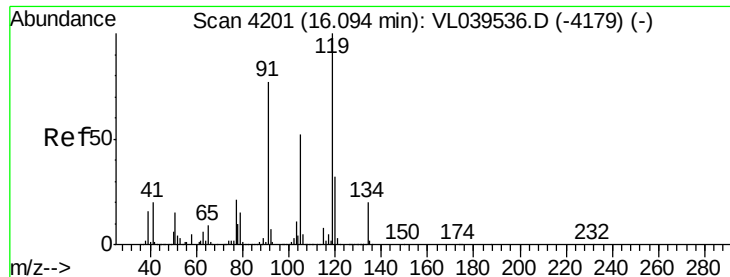
Tgt Ion: 120 Resp: 1056028

Ion Ratio Lower Upper

120 100

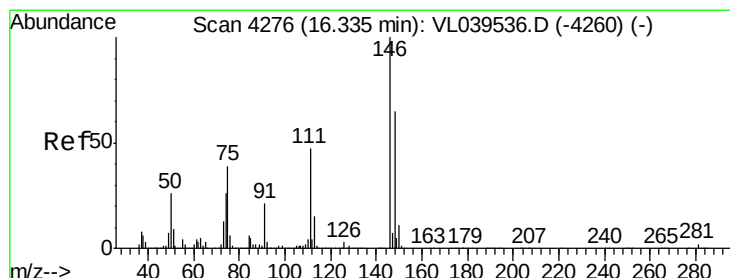
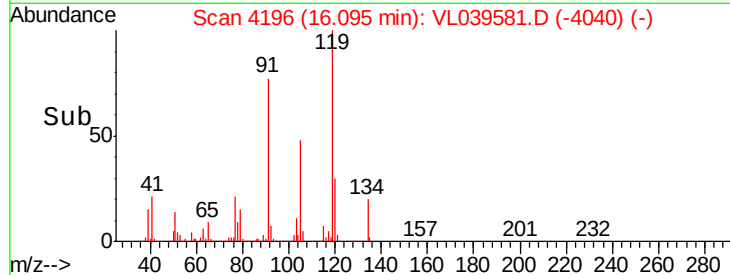
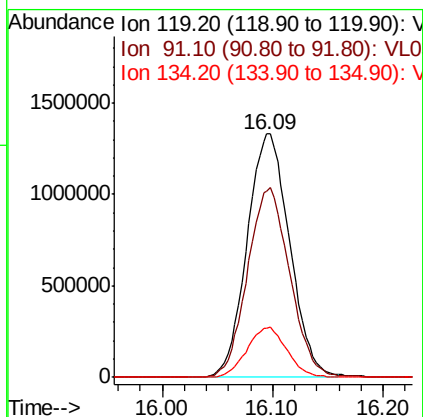
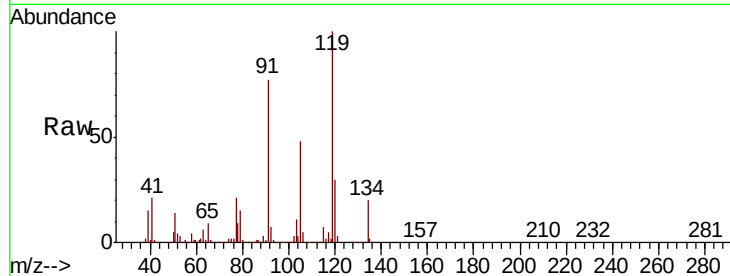
91 461.0 367.2 550.8





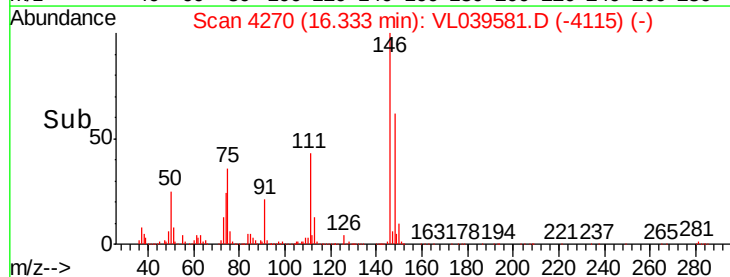
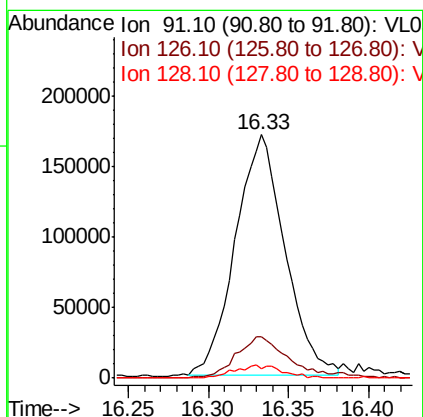
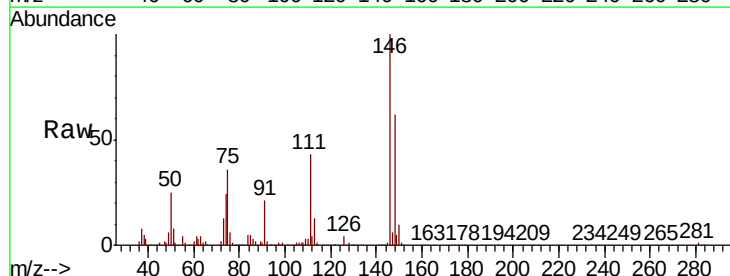
#65
 tert-Butylbenzene
 Concen: 9.893 ppbv
 RT: 16.09 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0825ABS01
 Acq: 25 Aug 2022 17:00

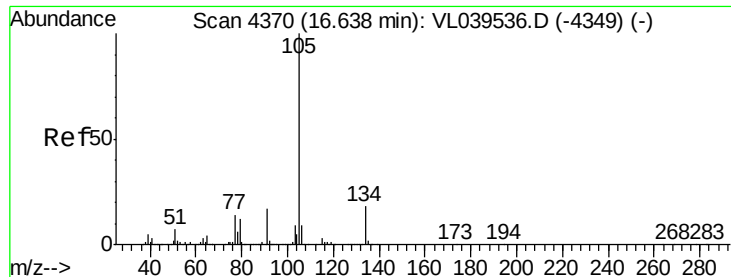
Tot Ion: 119 Resp: 3548772
 Ion Ratio Lower Upper
 119 100
 91 77.7 63.4 95.2
 134 19.4 15.9 23.9



#66
 Benzyl Chloride
 Concen: 12.383 ppbv
 RT: 16.33 min Scan# 4270
 Delta R.T. -0.00 min
 Lab File: VL039581.D
 Acq: 25 Aug 2022 17:00

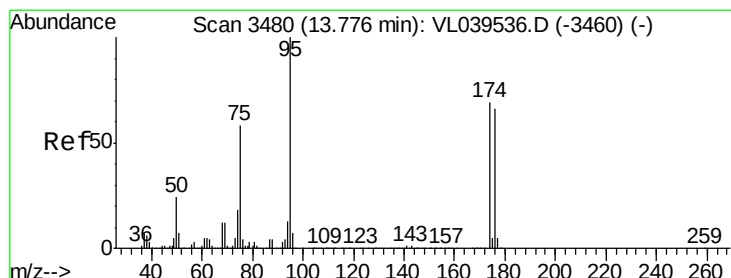
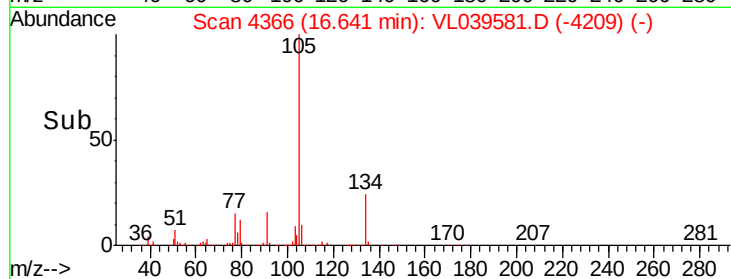
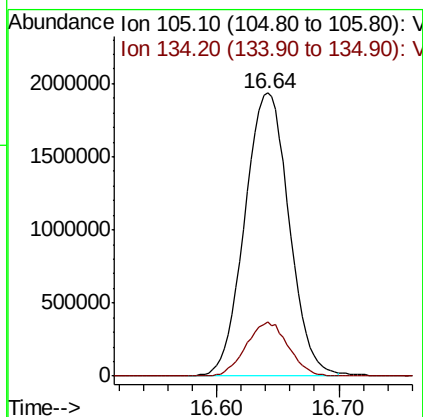
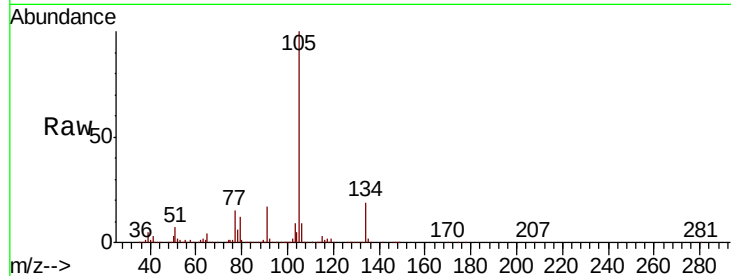
Tgt Ion: 91 Resp: 360801
 Ion Ratio Lower Upper
 91 100
 126 19.2 13.1 19.7
 128 5.5 4.4 6.6





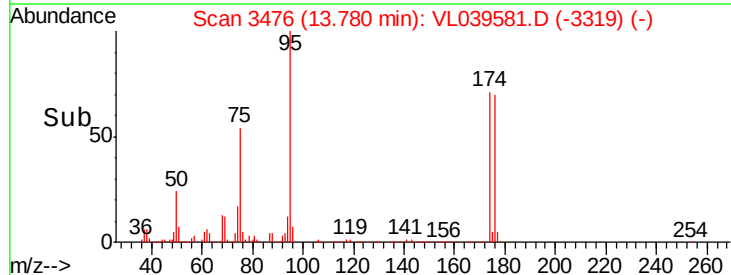
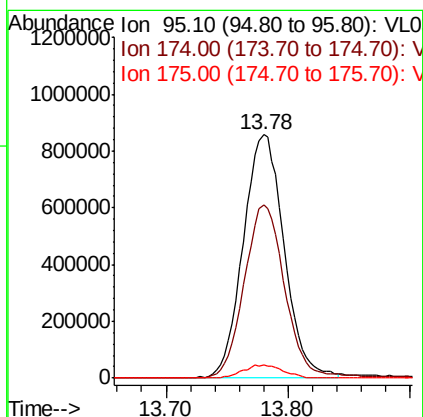
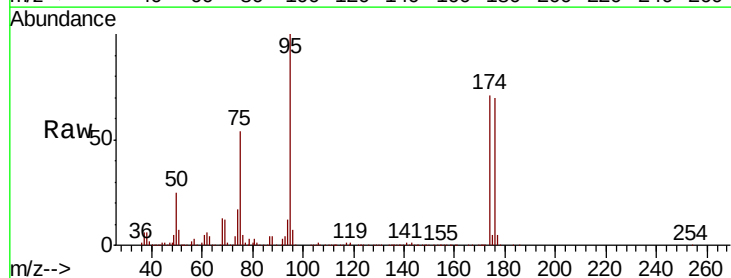
#67
 sec-Butylbenzene
 Concen: 9.565 ppbv
 RT: 16.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0825ABS01
 Acq: 25 Aug 2022 17:00

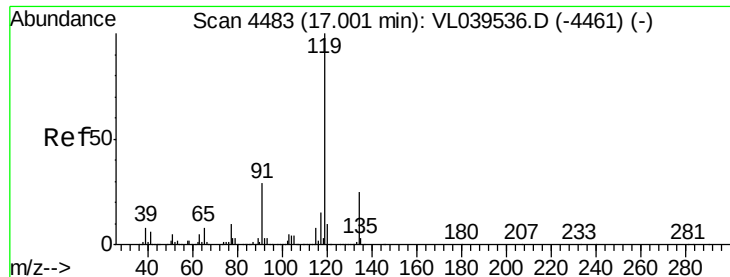
Tot Ion: 105 Resp: 4859462
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.763 ppbv
 RT: 13.78 min Scan# 3476
 Delta R.T. 0.00 min
 Lab File: VL039581.D
 Acq: 25 Aug 2022 17:00

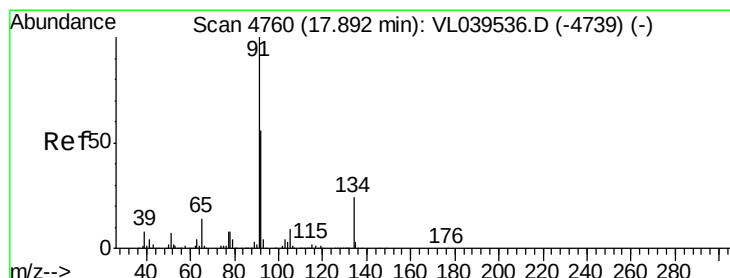
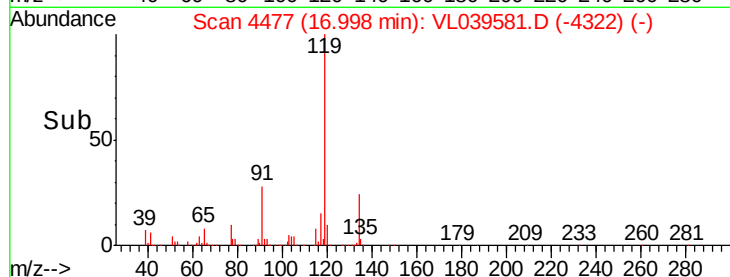
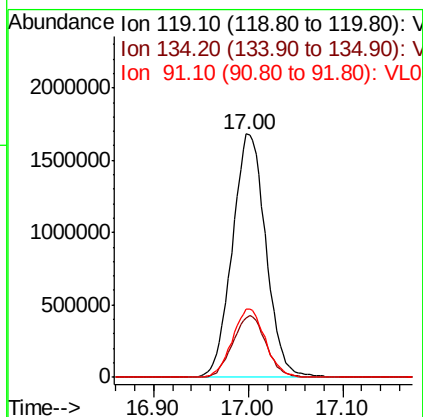
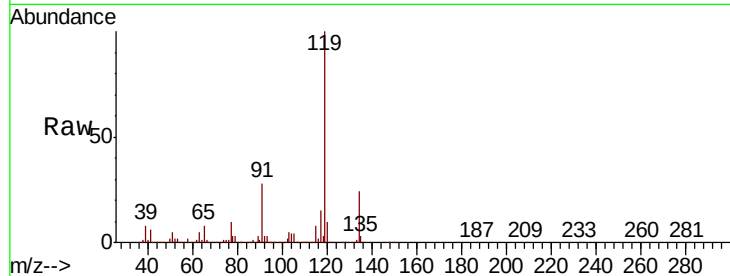
Tgt Ion: 95 Resp: 1986559
 Ion Ratio Lower Upper
 95 100
 174 71.6 55.9 83.9
 175 5.5 4.2 6.4





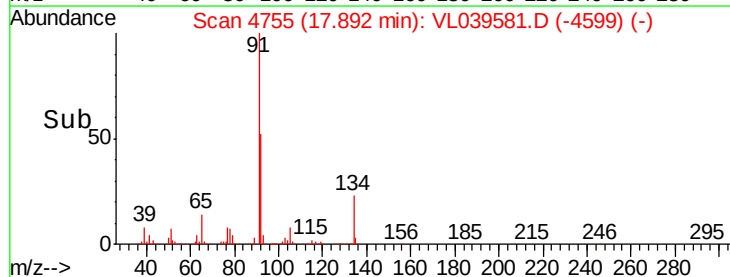
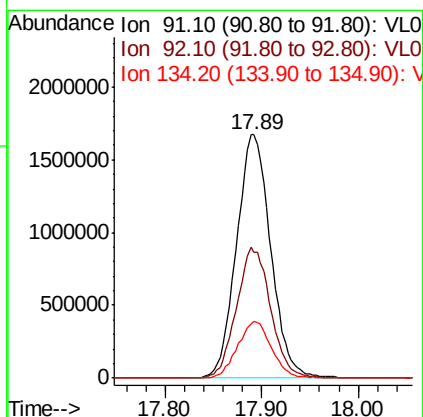
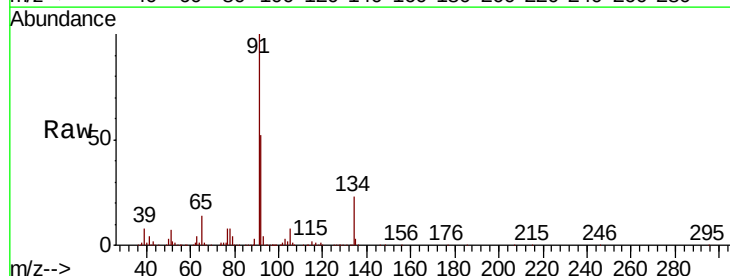
#69
 p-Isopropyltoluene
 Concen: 9.807 ppbv
 RT: 17.00 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0825ABS01
 Acq: 25 Aug 2022 17:00

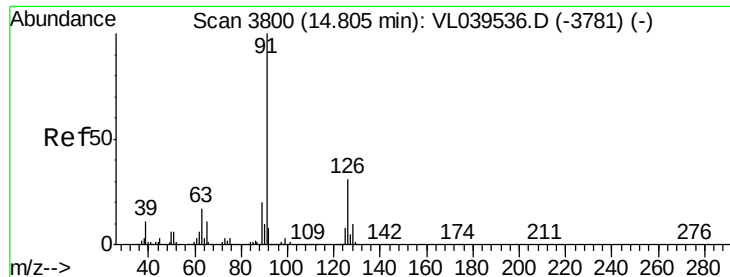
Tot Ion:	119	Resp:	4136176
Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.3	30.5
91	27.6	22.9	34.3



#70
 n-Butylbenzene
 Concen: 9.787 ppbv
 RT: 17.89 min Scan# 4755
 Delta R.T.: 0.00 min
 Lab File: VL039581.D
 Acq: 25 Aug 2022 17:00

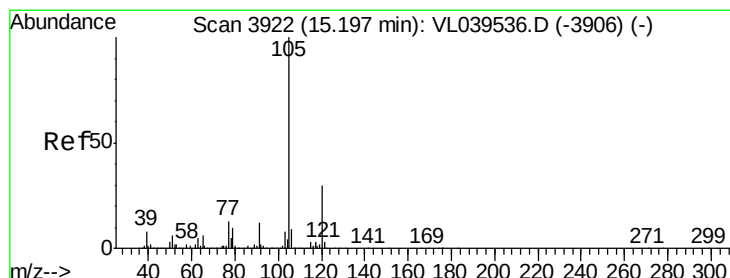
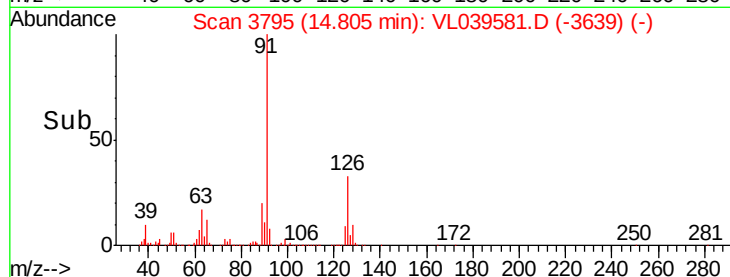
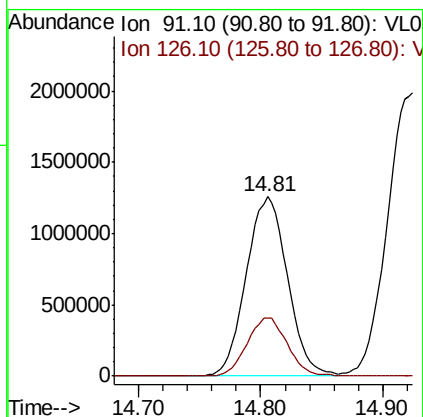
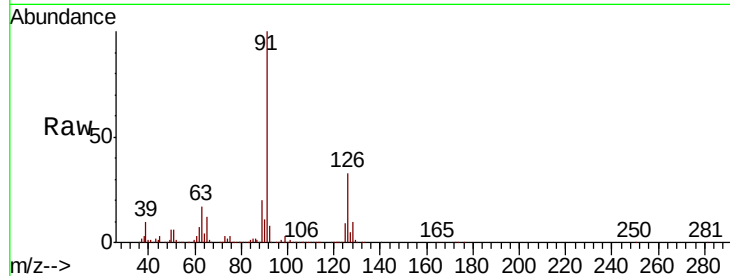
Tgt Ion:	91	Resp:	4106374
Ion	Ratio	Lower	Upper
91	100		
92	53.6	43.4	65.2
134	23.2	18.9	28.3





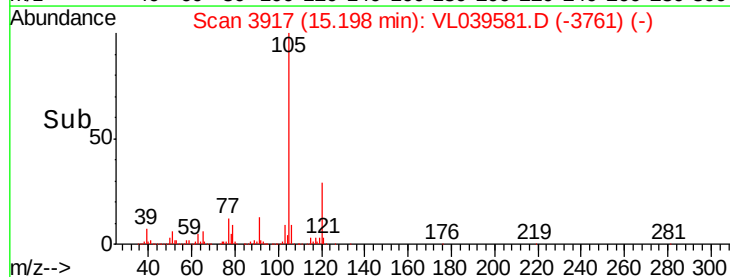
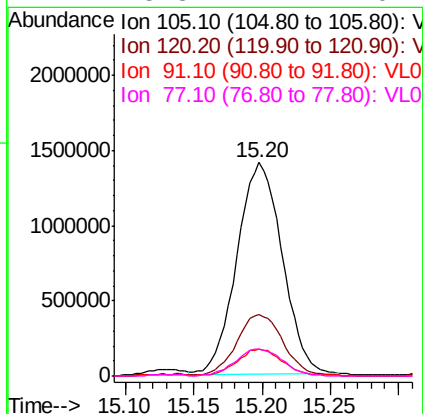
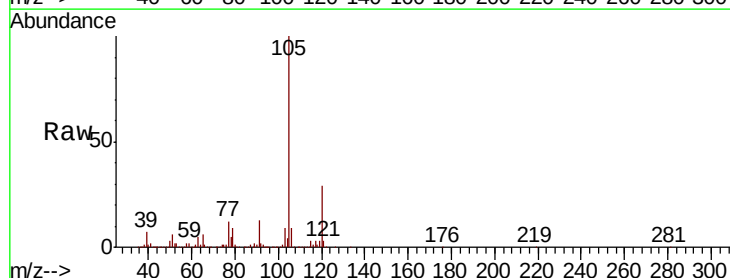
#71
 2-Chlorotoluene
 Concen: 10.059 ppbv
 RT: 14.81 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID:
 Lab File: VL0825ABS01
 Acq: 25 Aug 2022 17:00

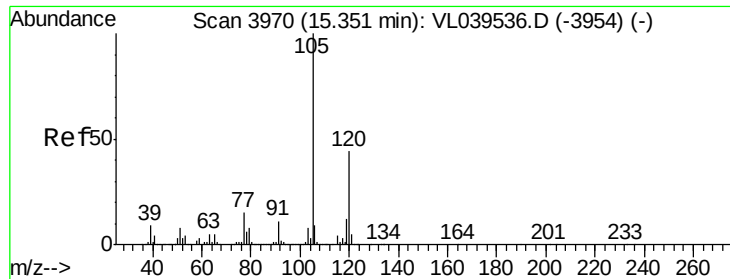
Tot Ion: 91 Resp: 2939964
 Ion Ratio Lower Upper
 91 100
 126 32.3 13.0 51.8



#72
 4-Ethyltoluene
 Concen: 10.430 ppbv
 RT: 15.20 min Scan# 3917
 Delta R.T.: 0.00 min
 Lab File: VL039581.D
 Acq: 25 Aug 2022 17:00

Tgt Ion: 105 Resp: 3254407
 Ion Ratio Lower Upper
 105 100
 120 30.9 24.2 36.2
 91 12.4 10.2 15.4
 77 13.3 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.147 ppbv

RT: 15.36

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

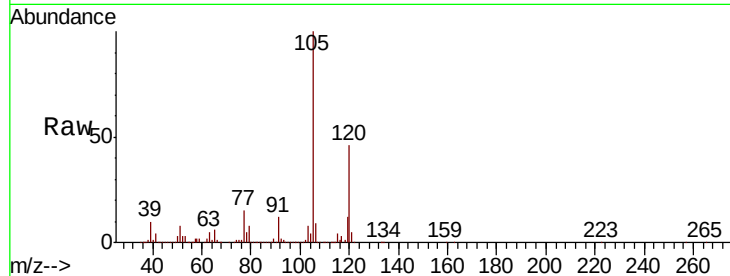
Acq: 25 Aug 2022 17:00

Tot Ion:105 Resp: 2893476

Ion Ratio Lower Upper

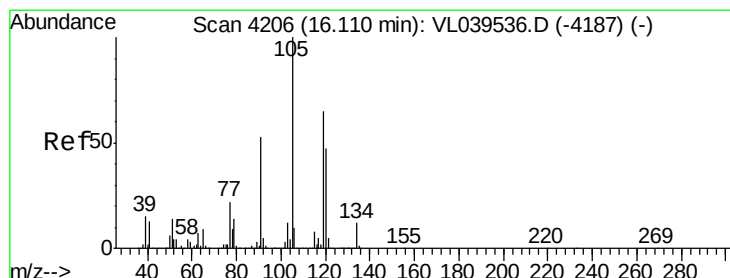
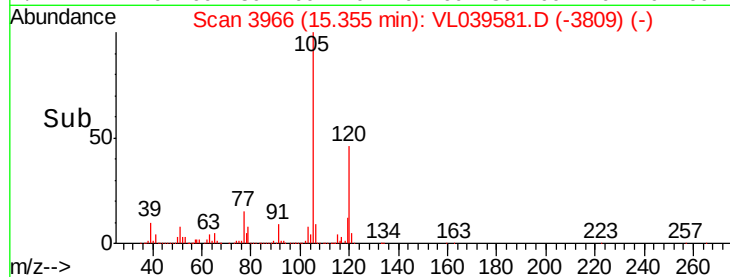
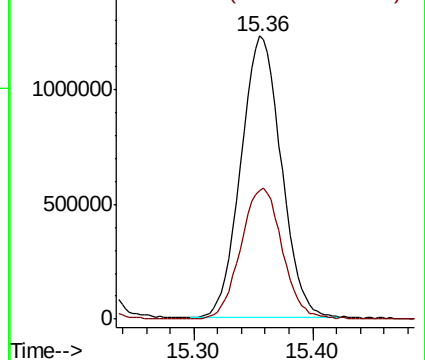
105 100

120 45.5 38.2 57.4



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: 9.721 ppbv

RT: 16.11 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VL039581.D

Acq: 25 Aug 2022 17:00

Tgt Ion:105 Resp: 3088699

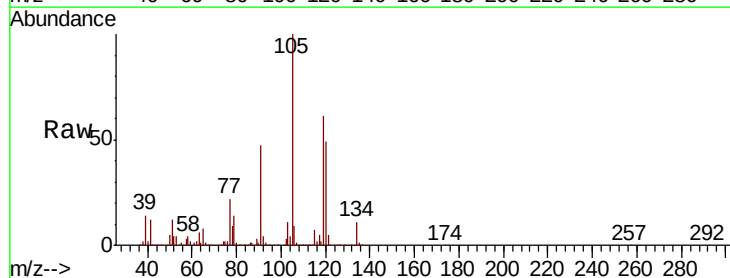
Ion Ratio Lower Upper

105 100

120 49.3 39.5 59.3

91 46.8 39.2 58.8

77 22.0 17.2 25.8

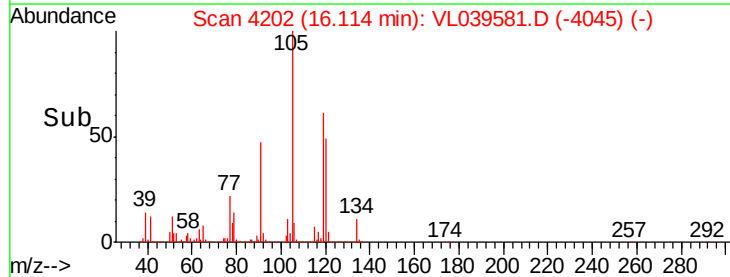
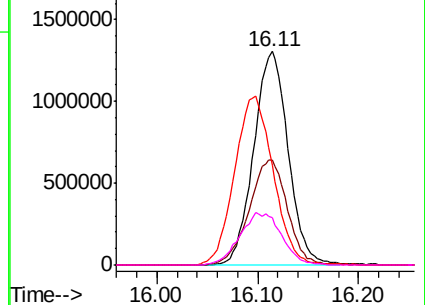


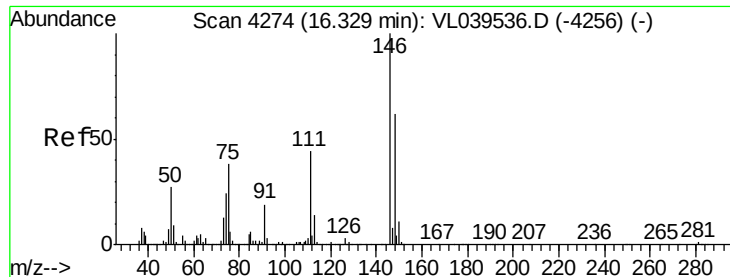
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

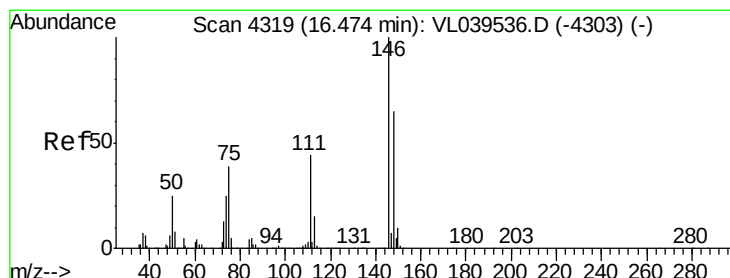
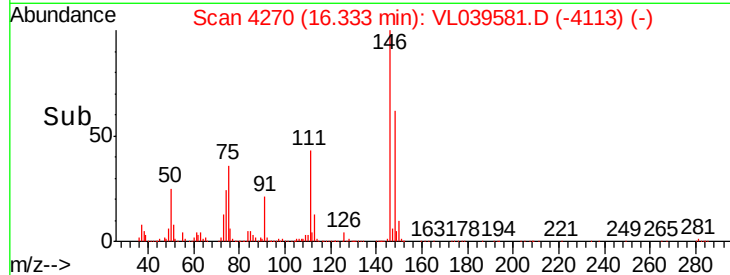
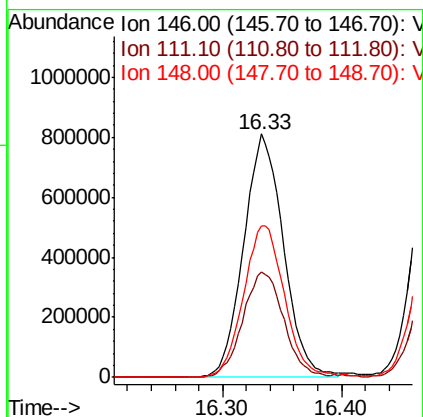
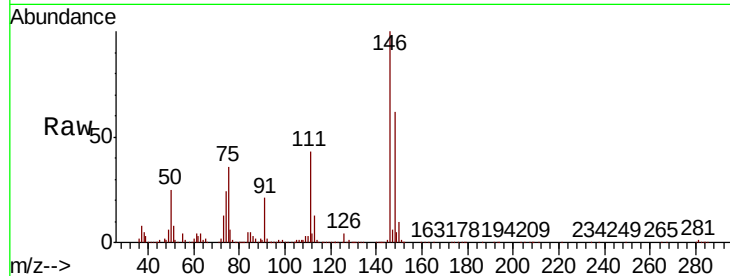
Ion 77.10 (76.80 to 77.80): VL0





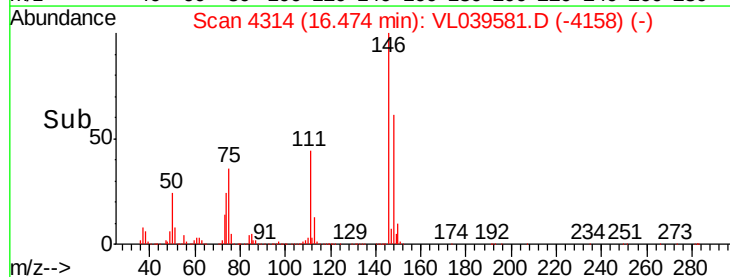
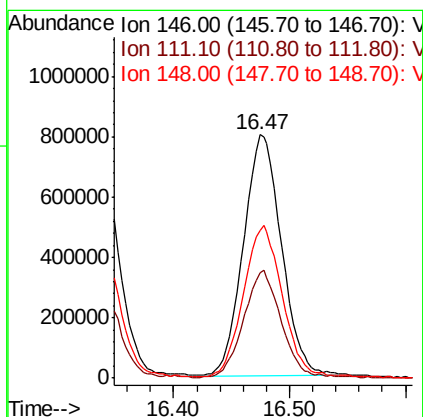
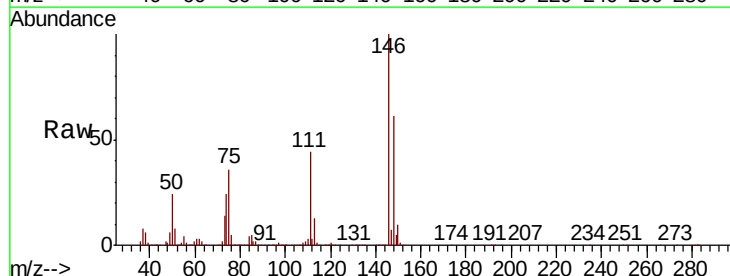
#75
 1,3-Dichlorobenzene
 Concen: 9.733 ppbv
 RT: 16.33 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0825ABS01
 Acq: 25 Aug 2022 17:00

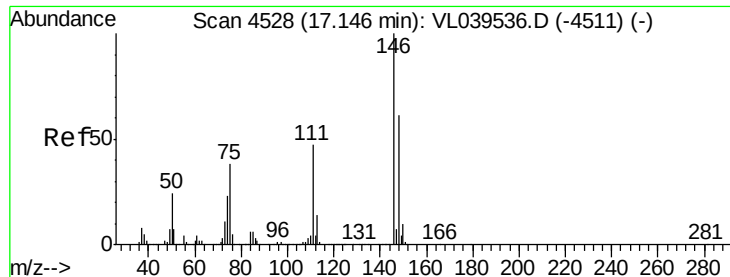
Tot Ion:146 Resp: 1880090
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.9 68.7
 148 64.3 32.1 96.5



#76
 1,4-Dichlorobenzene
 Concen: 9.474 ppbv
 RT: 16.47 min Scan# 4314
 Delta R.T.: 0.00 min
 Lab File: VL039581.D
 Acq: 25 Aug 2022 17:00

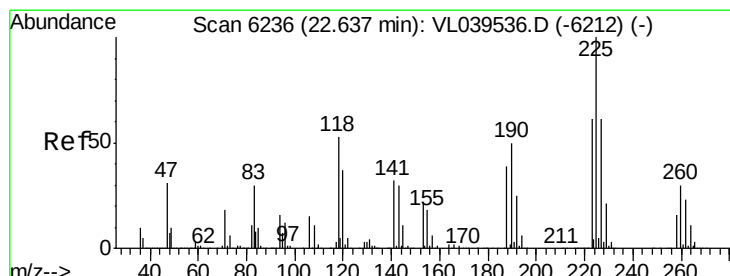
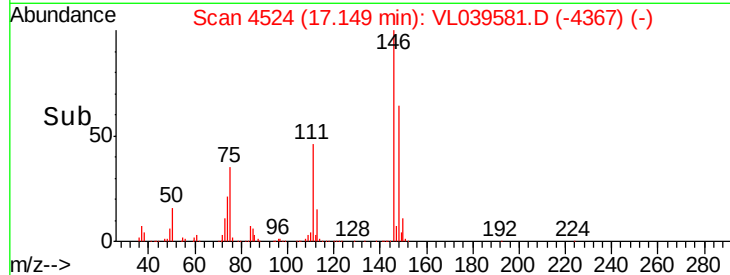
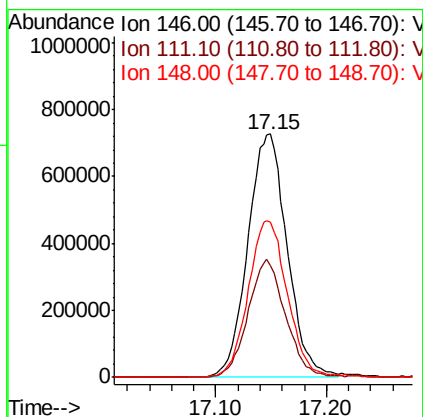
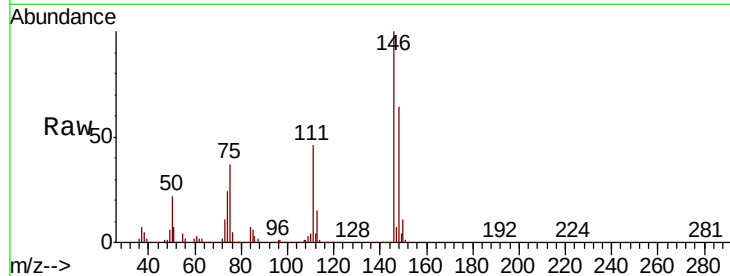
Tgt Ion:146 Resp: 1823406
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.9 68.8
 148 66.2 33.6 100.8





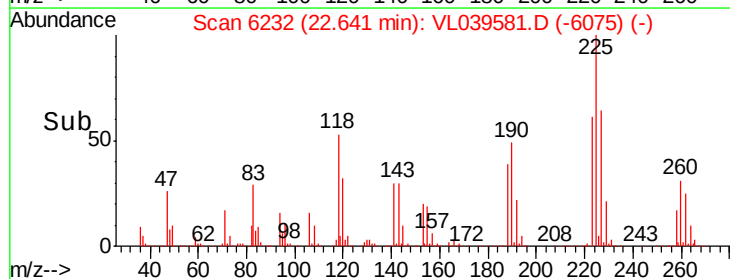
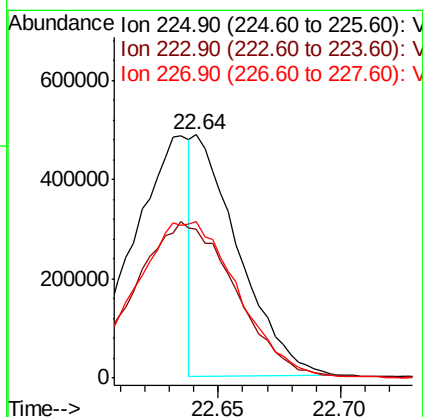
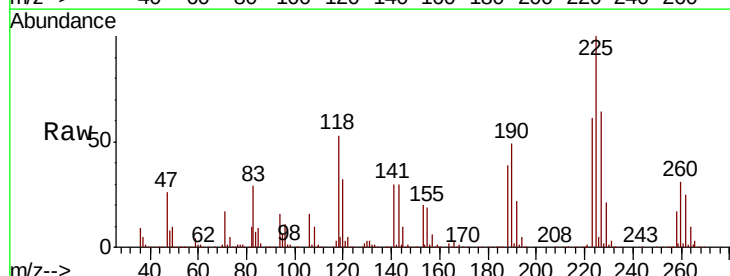
#77
 1,2-Dichlorobenzene
 Concen: 9.460 ppbv
 RT: 17.15 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0825ABS01
 Acq: 25 Aug 2022 17:00

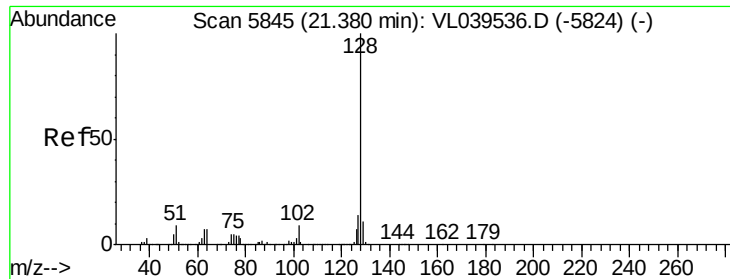
Tot Ion:146	Resp: 1789487		
Ion Ratio	Lower	Upper	
146	100		
111	46.7	23.8	71.5
148	64.2	32.3	96.8



#78
 Hexachloro-1,3-Butadiene
 Concen: 4.163 ppbv
 RT: 22.64 min Scan# 6232
 Delta R.T.: 0.00 min
 Lab File: VL039581.D
 Acq: 25 Aug 2022 17:00

Tgt	Ion:225	Resp:	627136
Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.8	77.6#
227	151.0	51.4	77.2#





#79

Naphthalene

Concen: 13.749 ppbv

RT: 21.39

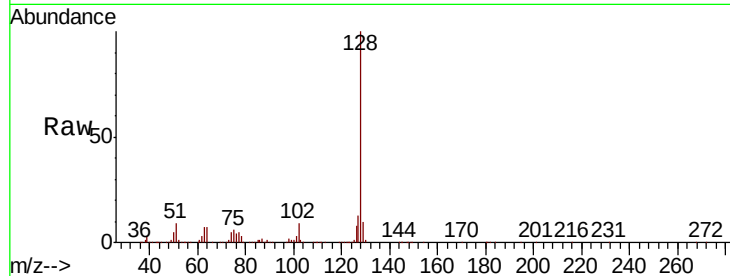
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

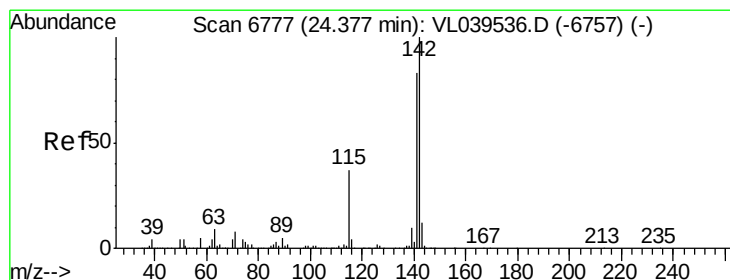
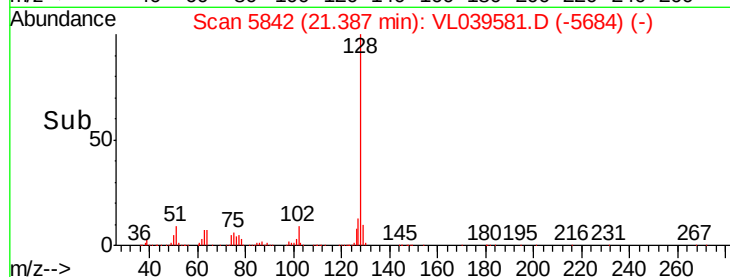
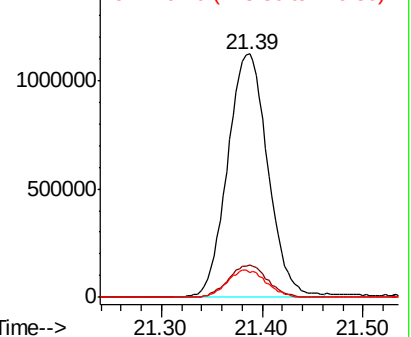
Acq: 25 Aug 2022 17:00

Tot Ion:128 Resp: 3111165

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.4	8.8	13.2



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: 11.519 ppbv

RT: 24.38 min Scan# 6772

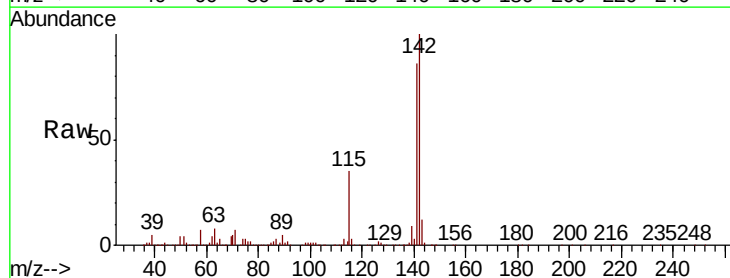
Delta R.T. 0.00 min

Lab File: VL039581.D

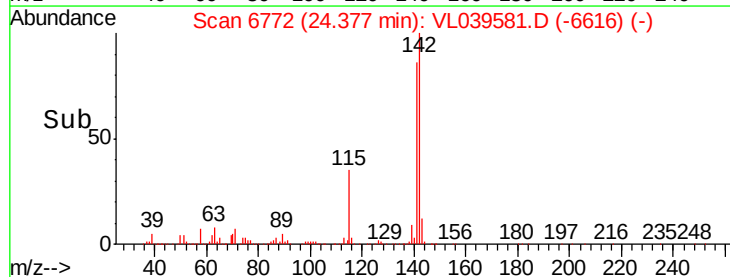
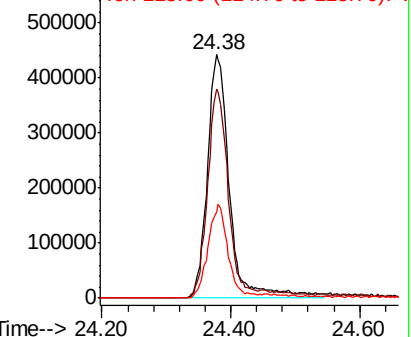
Acq: 25 Aug 2022 17:00

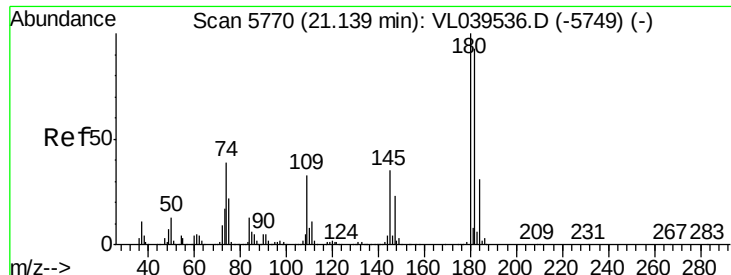
Tgt Ion:142 Resp: 1057820

Ion	Ratio	Lower	Upper
142	100		
141	85.9	68.9	103.3
115	35.1	30.0	45.0



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: 11.411 ppbv

RT: 21.14 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VL0825ABS01

Acq: 25 Aug 2022 17:00

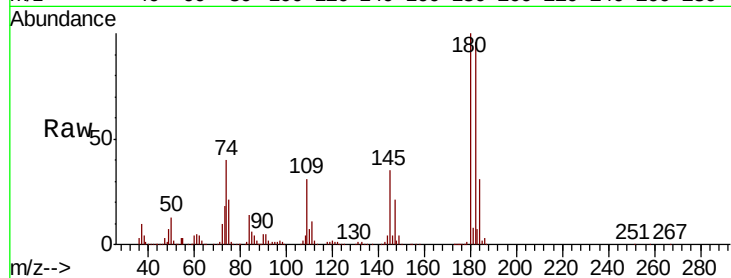
Tot Ion:180 Resp: 1724121

Ion Ratio Lower Upper

180 100

182 96.8 77.1 115.7

184 30.6 24.3 36.5



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

