

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081722\
 Data File : VL039547.D
 Acq On : 17 Aug 2022 13:56
 Operator : SY/AP
 Sample : VL0817ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0817ABS01

Quant Time: Aug 18 05:35:20 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.20	49	1041522	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2787808	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	3303564	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	2087678	8.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.90%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	2.75	85	1269531	9.069 ppbv	98
3) Chlorodifluoromethane	2.83	51	34834	0.279 ppbv #	59
4) Chloromethane	2.83	50	691070	9.259 ppbv	97
5) Vinyl Chloride	2.94	62	587386	9.126 ppbv	99
6) Bromomethane	3.14	94	236660	8.980 ppbv	91
7) Chloroethane	3.21	64	224189	9.784 ppbv	100
8) Dichlorotetrafluoroethane	2.88	85	1455198	9.680 ppbv	99
9) Propene	2.72	41	522413	9.187 ppbv #	22
10) Heptane	7.58	43	1362855	10.318 ppbv	99
11) Trichlorofluoromethane	3.58	101	1447794	9.415 ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.08	101	1056576	9.301 ppbv	99
13) Ethanol	3.26	45	43279	10.575 ppbv	94
14) Bromoethene	3.38	108	443928	9.563 ppbv	97
15) Acetone	3.48	43	1086460	9.233 ppbv	100
16) 1,3-Butadiene	3.01	39	589921	9.653 ppbv	98
17) tert-Butyl alcohol	3.89	59	1042373	10.374 ppbv	100
18) 1,1-Dichloroethene	3.90	96	476325	9.300 ppbv	96
19) Isopropyl Alcohol	3.59	45	615612	10.705 ppbv #	100
20) Methylene Chloride	3.95	84	400489	8.359 ppbv	94
21) Allyl Chloride	4.01	41	751734	9.832 ppbv	99
22) trans-1,2-Dichloroethene	4.46	96	498083	9.789 ppbv	95
23) Vinyl Acetate	4.64	43	565751	9.563 ppbv	96
24) 1,1-Dichloroethane	4.58	63	1014882	9.748 ppbv	98
25) Ethyl Acetate	5.22	43	2439618	9.724 ppbv	100
26) Hexane	5.22	57	999854	9.718 ppbv	98
27) Carbon Disulfide	4.14	76	1191788	10.857 ppbv	99
28) Methyl tert-Butyl Ether	4.60	73	853643	9.436 ppbv	100
29) Chloroform	5.28	83	1552305	9.639 ppbv	99
30) Cyclohexane	6.61	84	839903	9.831 ppbv #	100
31) cis-1,2-Dichloroethene	5.09	61	955444	9.604 ppbv	98
32) 1,1,1-Trichloroethane	6.01	97	1481016	9.806 ppbv	99
34) 2-Butanone	4.80	43	1341771	9.573 ppbv	98
35) Carbon Tetrachloride	6.50	117	1568865	10.003 ppbv	99
36) Benzene	6.38	78	2083829	9.807 ppbv	98
37) 1,2-Dichloroethane	5.82	62	1151671	9.757 ppbv	100
38) Trichloroethene	7.30	130	1190926	10.318 ppbv	97
39) 1,2-Dichloropropane	7.08	63	795016	9.984 ppbv	97
40) 1,4-Dioxane	7.29	88	324123	10.259 ppbv	92
41) Tetrahydrofuran	5.57	42	859358	10.422 ppbv	98
42) Bromodichloromethane	7.25	83	1634090	10.130 ppbv	99
43) Methyl Methacrylate	7.48	69	817817	10.630 ppbv	98

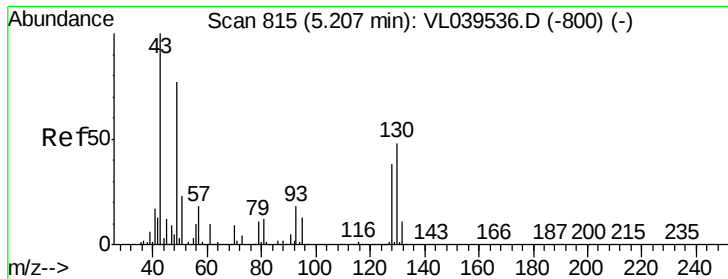
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081722\
 Data File : VL039547.D
 Acq On : 17 Aug 2022 13:56
 Operator : SY/AP
 Sample : VL0817ABS01
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Quant Time: Aug 18 05:35:20 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.33	57	3549872	9.917	ppbv	99
45) t-1,3-Dichloropropene	8.72	75	806989	11.927	ppbv	93
46) cis-1,3-Dichloropropene	8.15	75	1094796	11.759	ppbv	99
47) 1,1,2-Trichloroethane	8.90	97	852755	9.345	ppbv	97
48) Dibromochloromethane	9.71	129	1451464	10.698	ppbv	99
49) Bromoform	12.41	173	1195595	10.653	ppbv #	100
50) 4-Methyl-2-Pentanone	8.19	43	2246072	10.416	ppbv	99
51) 2-Hexanone	9.55	43	1737628	10.932	ppbv #	99
52) Tetrachloroethene	10.62	164	798526	9.594	ppbv	99
53) Toluene	9.23	91	2478360	10.411	ppbv	100
54) 1,2-Dibromoethane	10.01	107	1055350	10.138	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.51	131	1051708	7.735	ppbv	97
57) Chlorobenzene	11.53	112	1883659	7.584	ppbv	96
58) Ethyl Benzene	12.09	91	3263995	8.532	ppbv	99
59) m/p-Xylene	12.38	91	2744477	7.979	ppbv #	100
60) o-Xylene	13.06	91	2650961	8.039	ppbv	100
61) Styrene	12.90	104	1617335	9.193	ppbv	100
62) Isopropylbenzene	14.03	105	3857320	7.729	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.05	83	1085366	6.545	ppbv	100
64) n-propylbenzene	14.92	120	1014264	7.794	ppbv	98
65) tert-Butylbenzene	16.09	119	3398316	7.637	ppbv	99
66) Benzyl Chloride	16.33	91	302303	7.918	ppbv #	91
67) sec-Butylbenzene	16.64	105	4712424	7.500	ppbv	100
69) p-Isopropyltoluene	17.00	119	3949521	7.545	ppbv	99
70) n-Butylbenzene	17.89	91	3946488	7.594	ppbv	99
71) 2-Chlorotoluene	14.80	91	2854375	7.893	ppbv	99
72) 4-Ethyltoluene	15.20	105	3106707	8.018	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.35	105	2787116	7.877	ppbv	98
74) 1,2,4-Trimethylbenzene	16.11	105	3004617	7.616	ppbv	93
75) 1,3-Dichlorobenzene	16.34	146	1805490	7.533	ppbv	99
76) 1,4-Dichlorobenzene	16.47	146	1738265	7.242	ppbv	97
77) 1,2-Dichlorobenzene	17.15	146	1691734	7.204	ppbv	99
78) Hexachloro-1,3-Butadiene	22.63	225	1395775	7.482	ppbv #	100
79) Naphthalene	21.38	128	2930566	10.432	ppbv	99
80) Naphthalene, 2-methyl-	24.38	142	1305396	11.759	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.14	180	1623451	8.670	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. 0.00

Lab File: VL0817ABS01 ClientSampleId:

Acq: 17 Aug 2022 13:50

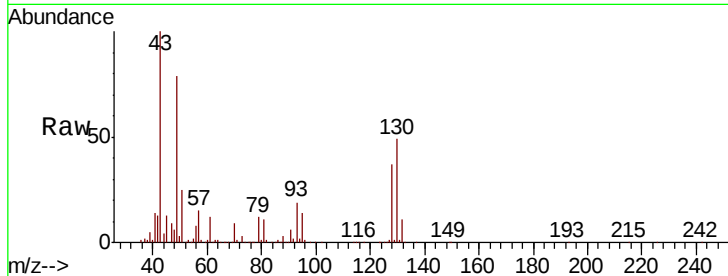
Tot Ion: 49 Resp: 1041522

Ion Ratio Lower Upper

49 100

128 50.6 25.7 77.0

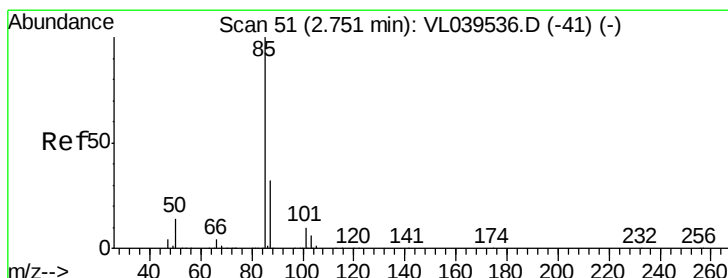
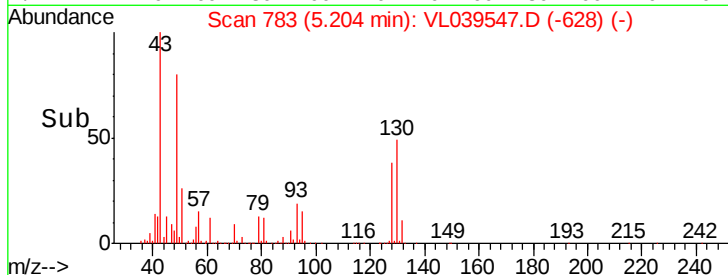
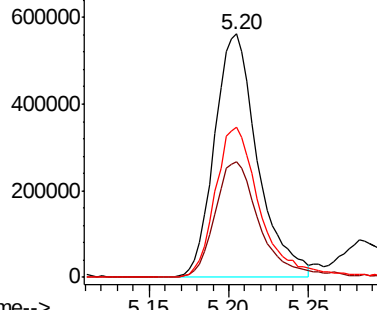
130 65.6 31.6 95.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 9.069 ppbv

RT: 2.75 min Scan# 20

Delta R.T. 0.00 min

Lab File: VL039547.D

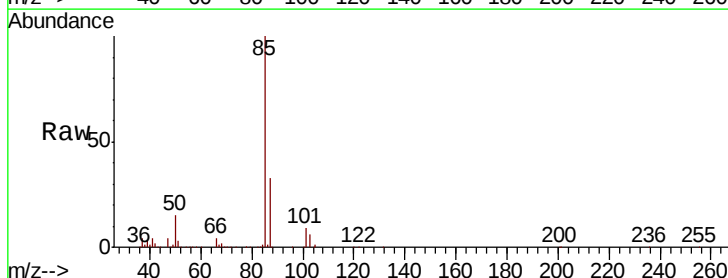
Acq: 17 Aug 2022 13:56

Tgt Ion: 85 Resp: 1269531

Ion Ratio Lower Upper

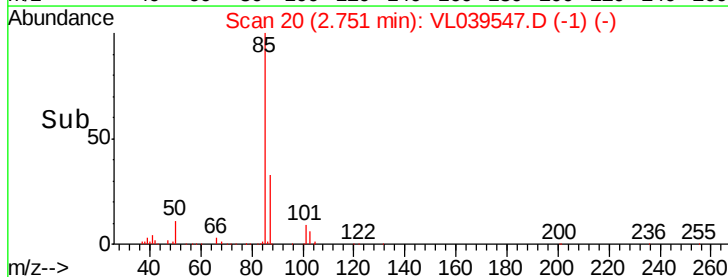
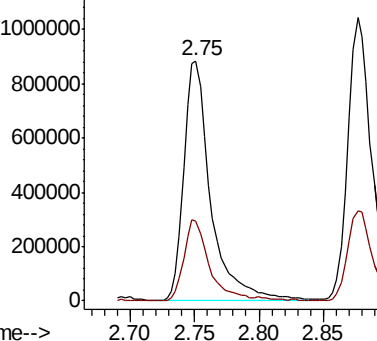
85 100

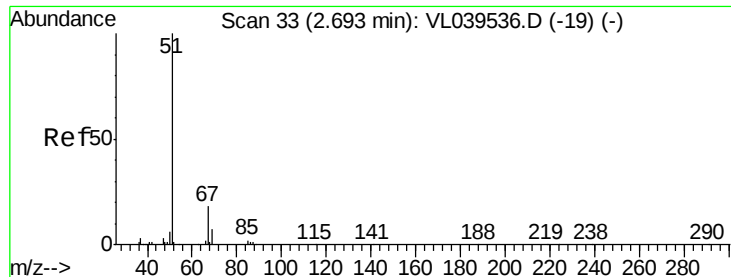
87 33.3 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.279 ppbv

RT: 2.83 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

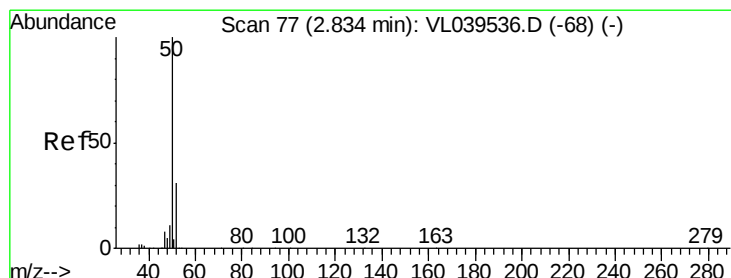
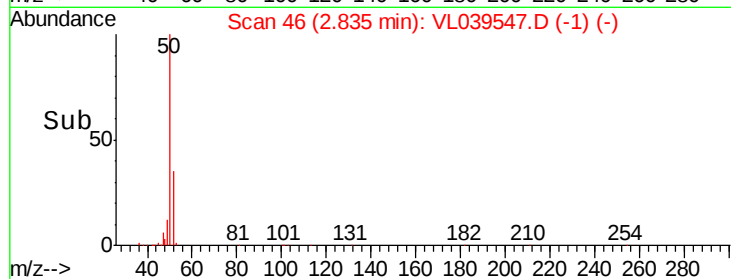
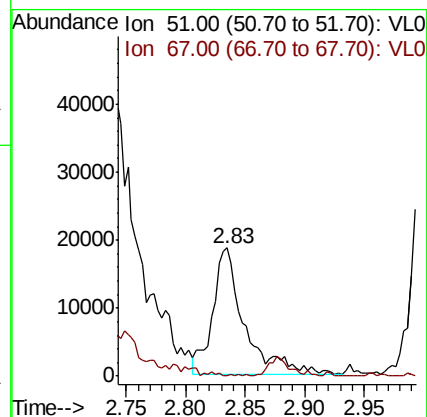
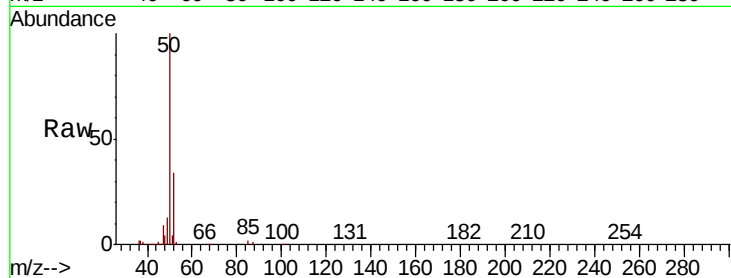
Acq: 17 Aug 2022 13:56

Tot Ion: 51 Resp: 34834

Ion Ratio Lower Upper

51 100

67 0.0 14.7 22.1#



#4

Chloromethane

Concen: 9.259 ppbv

RT: 2.83 min Scan# 45

Delta R.T. -0.00 min

Lab File: VL039547.D

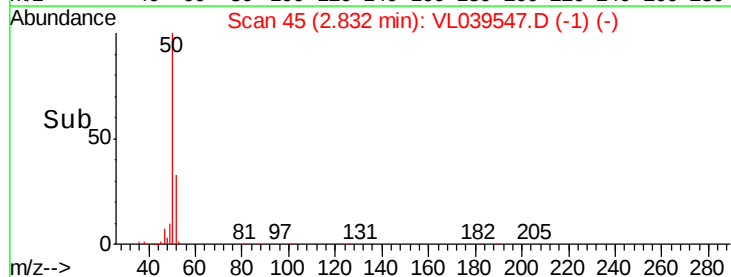
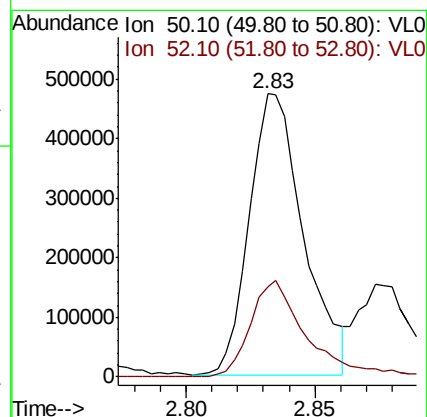
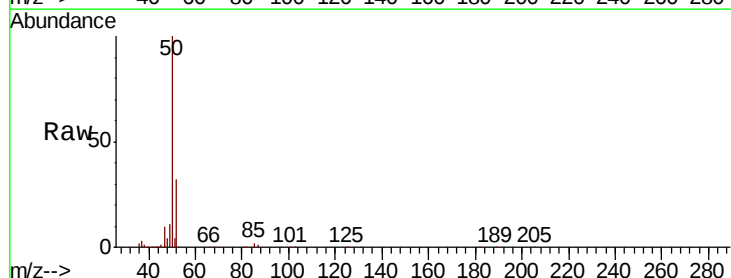
Acq: 17 Aug 2022 13:56

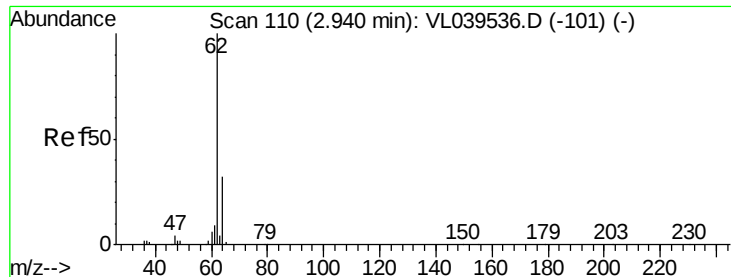
Tgt Ion: 50 Resp: 691070

Ion Ratio Lower Upper

50 100

52 32.2 24.3 36.5





#5

Vinyl Chloride

Concen: 9.126 ppbv

RT: 2.94 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

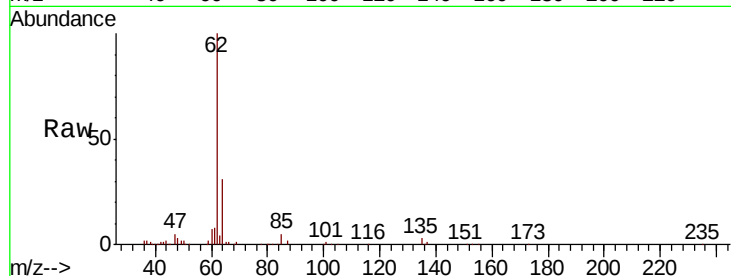
Acq: 17 Aug 2022 13:56

Tot Ion: 62 Resp: 587386

Ion Ratio Lower Upper

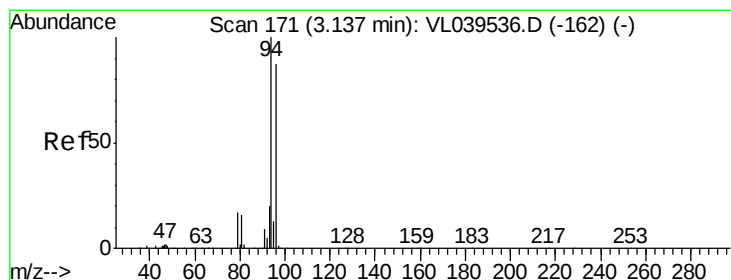
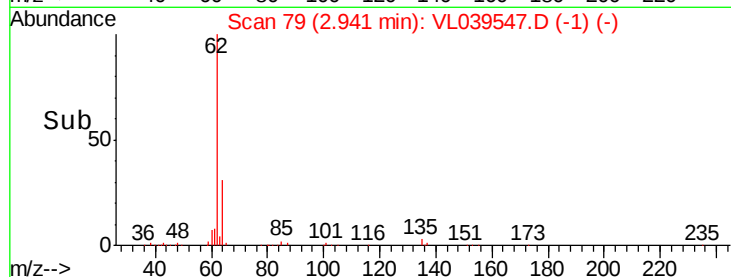
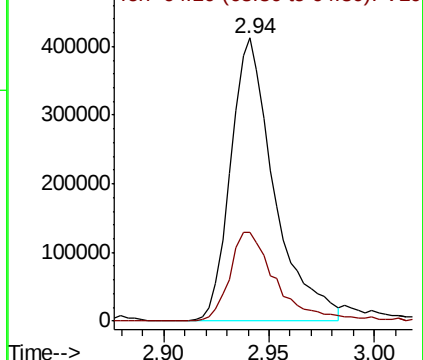
62 100

64 31.6 25.5 38.3



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 8.980 ppbv

RT: 3.14 min Scan# 141

Delta R.T. 0.00 min

Lab File: VL039547.D

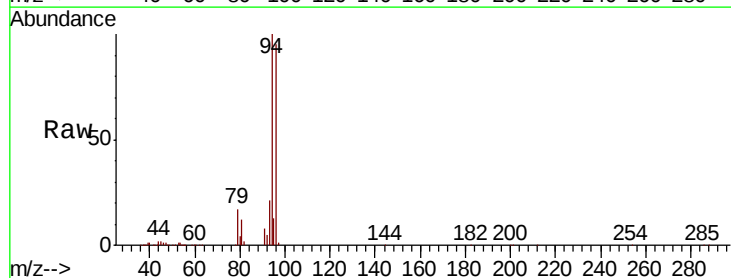
Acq: 17 Aug 2022 13:56

Tgt Ion: 94 Resp: 236660

Ion Ratio Lower Upper

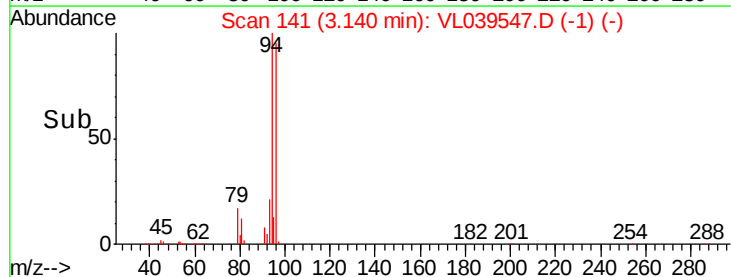
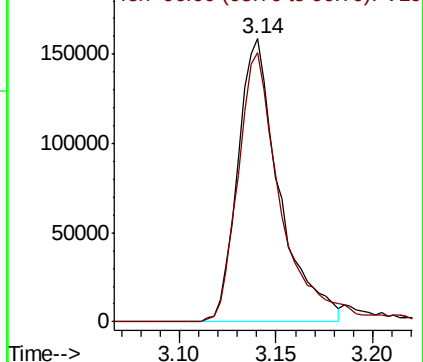
94 100

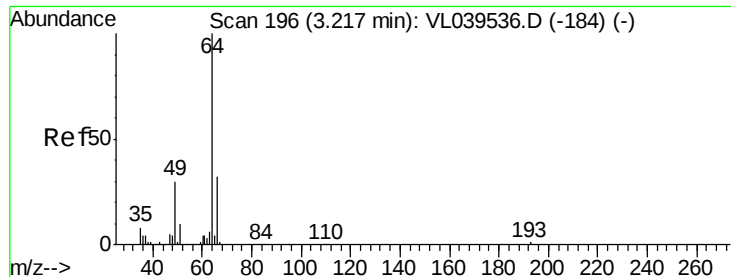
96 95.1 69.8 104.6



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.784 ppbv

RT: 3.21 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: VL0817ABS01 ClientSampleId:

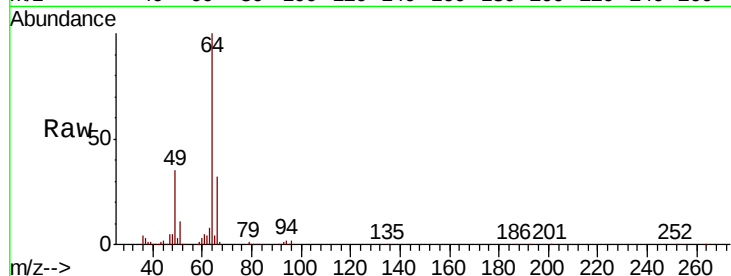
Acq: 17 Aug 2022 13:50

Tot Ion: 64 Resp: 224189

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

3.21

150000

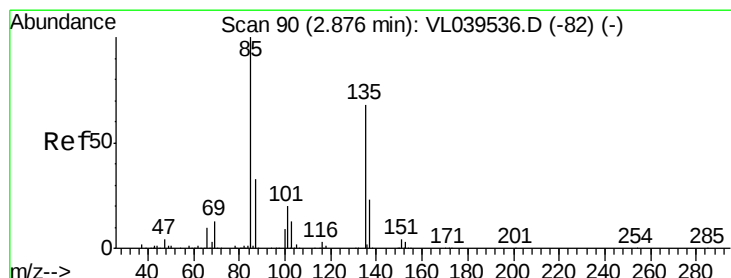
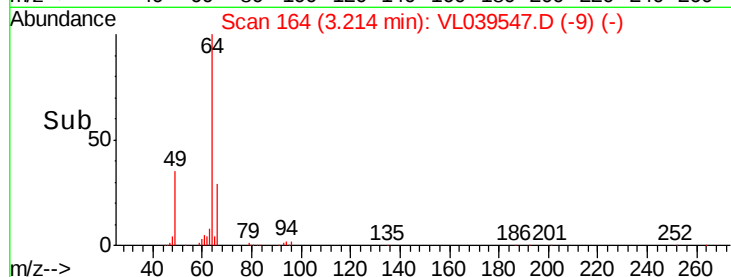
100000

50000

0

Time-->

3.15 3.20 3.25 3.30



#8

Dichlorotetrafluoroethane

Concen: 9.680 ppbv

RT: 2.88 min Scan# 59

Delta R.T. 0.00 min

Lab File: VL039547.D

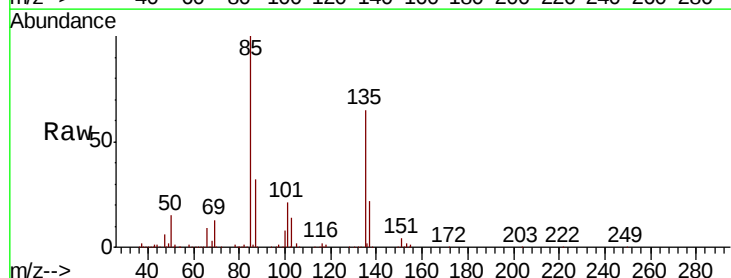
Acq: 17 Aug 2022 13:56

Tgt Ion: 85 Resp: 1455198

Ion Ratio Lower Upper

85 100

135 69.4 56.3 84.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

1200000

1000000

800000

600000

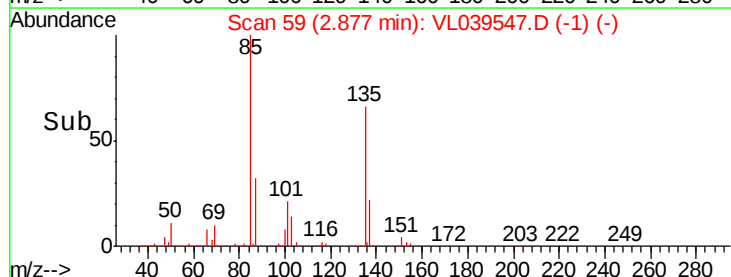
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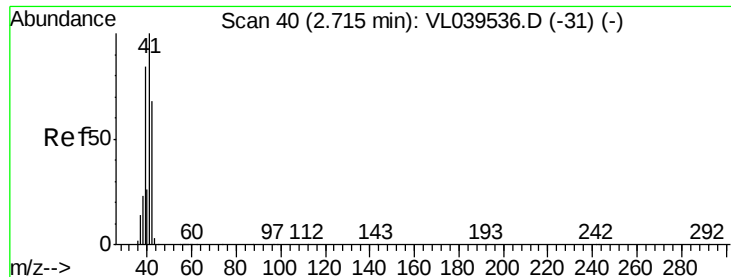
200000

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Time-->

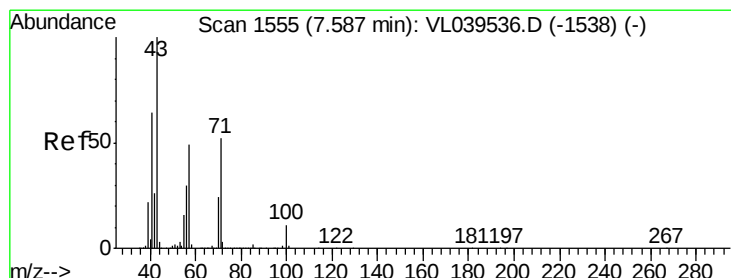
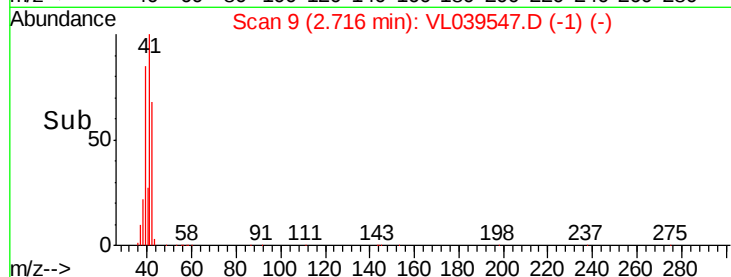
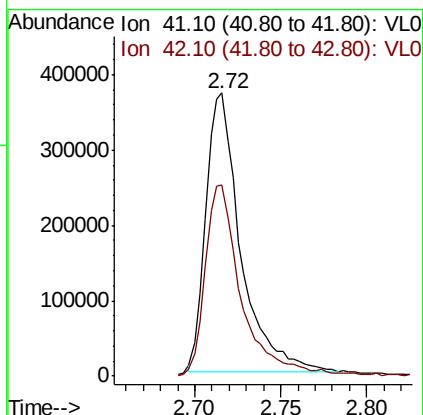
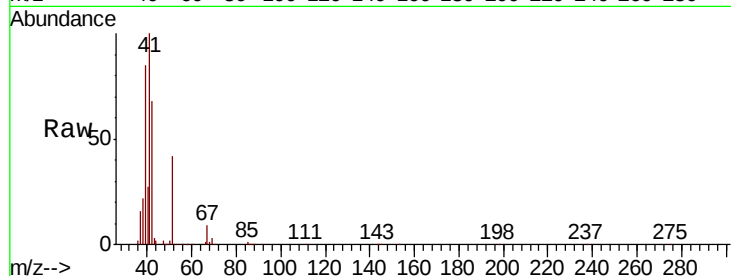
2.80 2.85 2.90 2.95





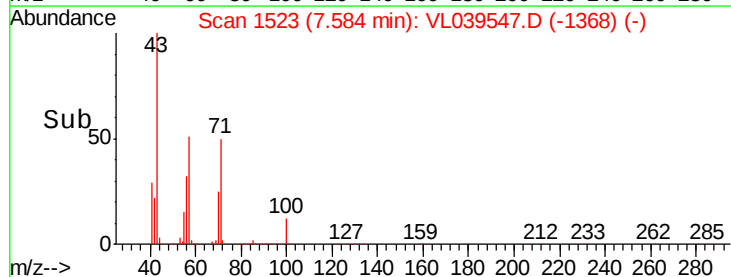
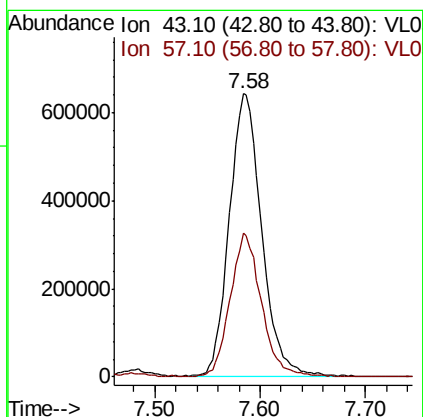
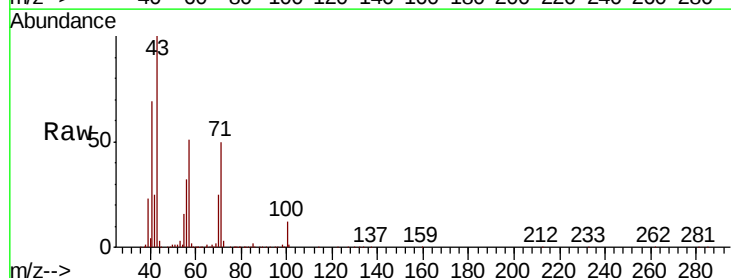
#9
 Propene
 Concen: 9.187 ppbv
 RT: 2.72
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0817ABS01
 Acq: 17 Aug 2022 13:58

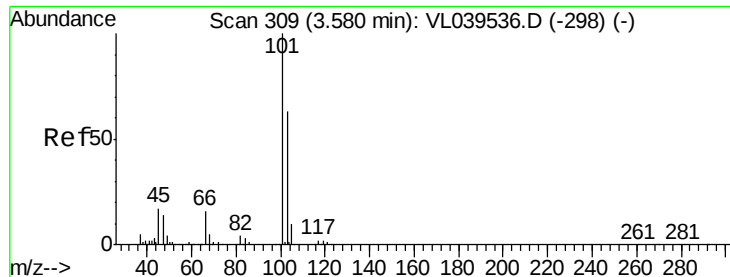
Tot Ion: 41 Resp: 522413
 Ion Ratio Lower Upper
 41 100
 42 5.2 55.4 83.0#



#10
 Heptane
 Concen: 10.318 ppbv
 RT: 7.58 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

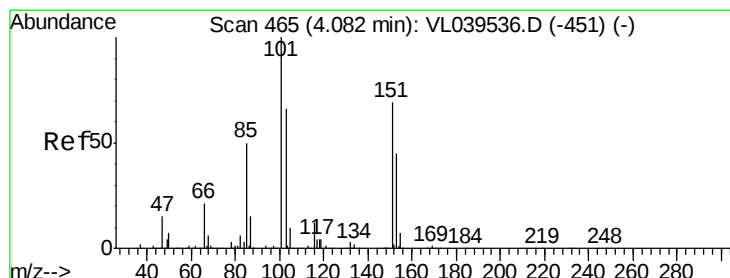
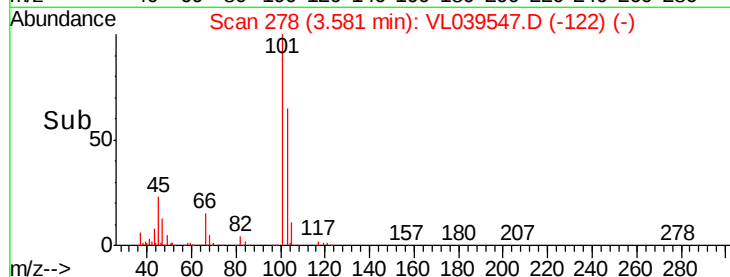
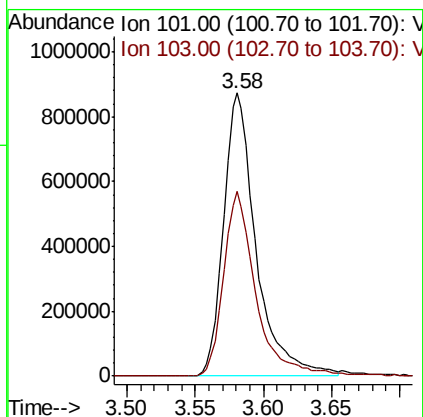
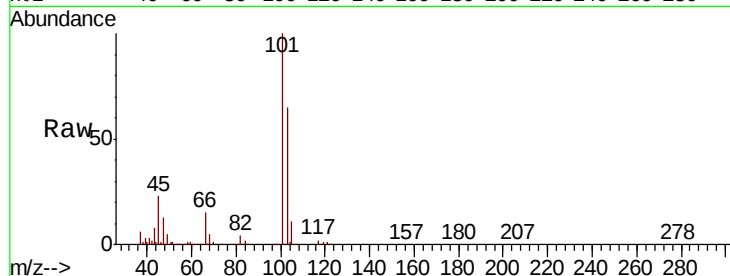
Tgt Ion: 43 Resp: 1362855
 Ion Ratio Lower Upper
 43 100
 57 48.8 39.8 59.6





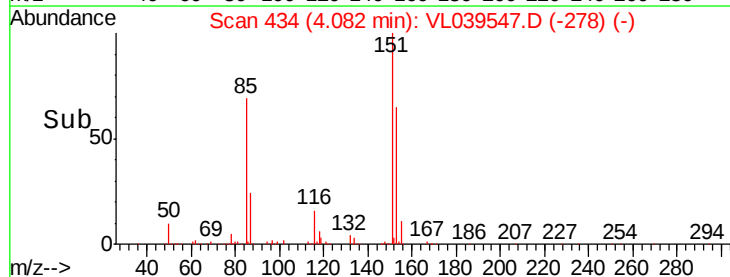
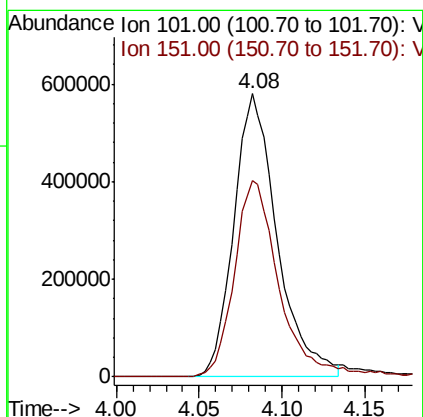
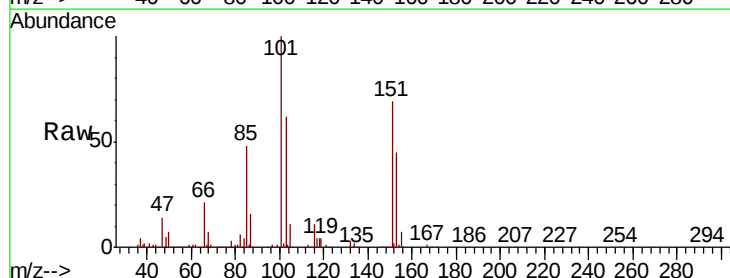
#11
 Trichlorofluoromethane
 Concen: 9.415 ppbv
 RT: 3.58
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0817ABS01
 Acq: 17 Aug 2022 13:58

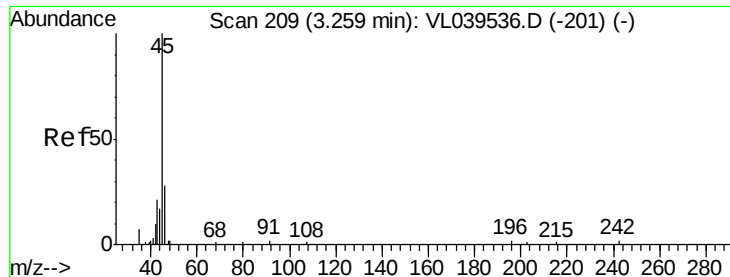
Tot Ion:101 Resp: 1447794
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.301 ppbv
 RT: 4.08 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

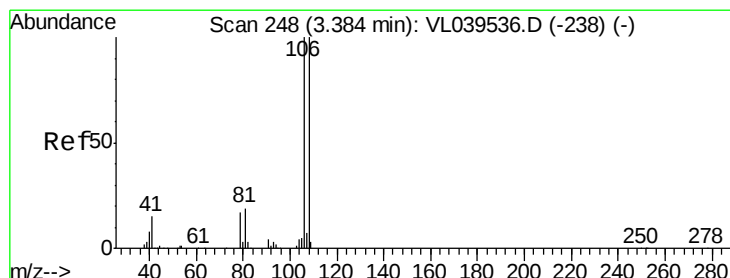
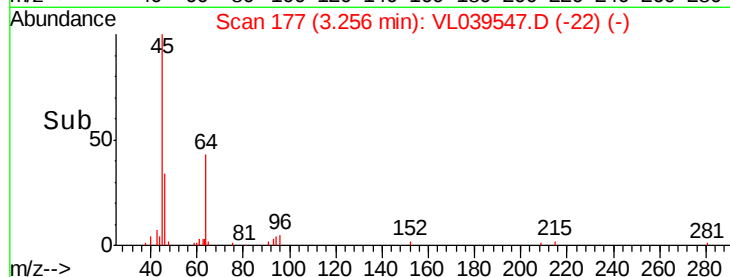
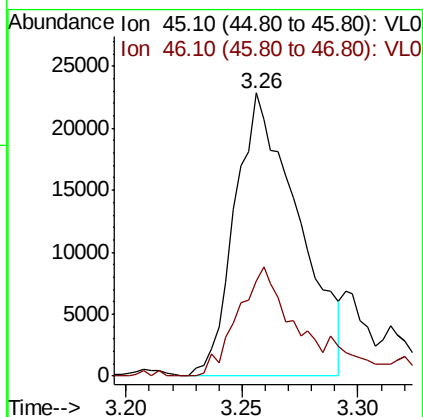
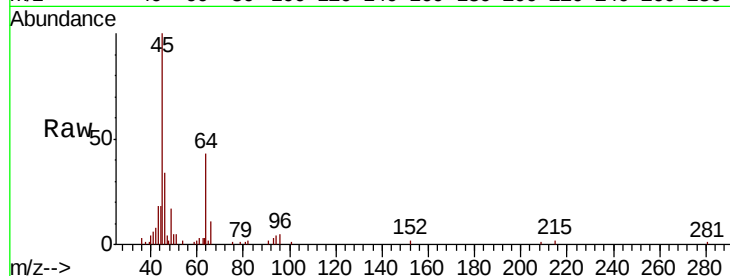
Tgt Ion:101 Resp: 1056576
 Ion Ratio Lower Upper
 101 100
 151 72.7 58.6 87.8





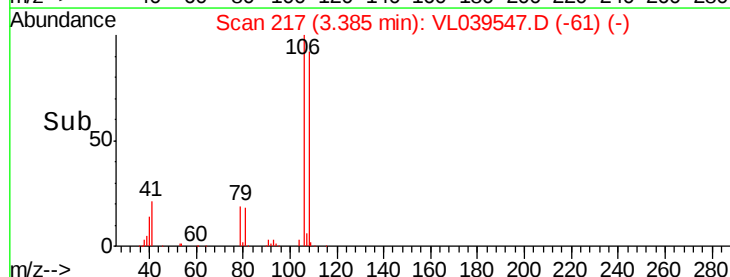
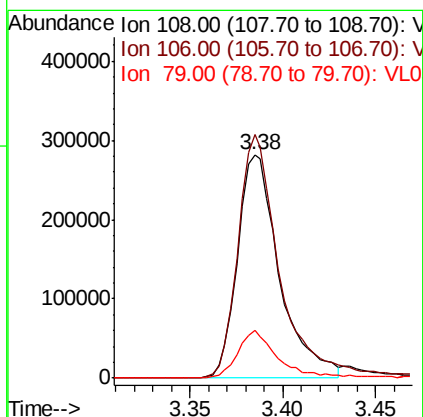
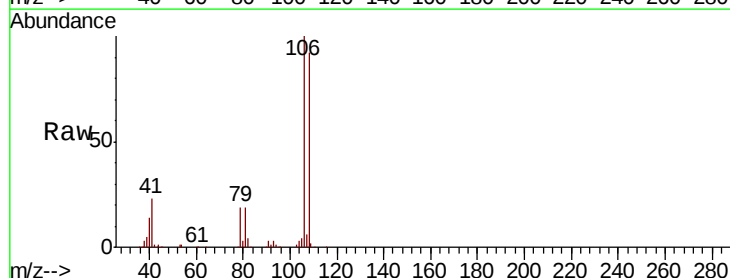
#13
Ethanol
Concen: 10.575 ppbv
RT: 3.26
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL0817ABS01
Acq: 17 Aug 2022 13:56

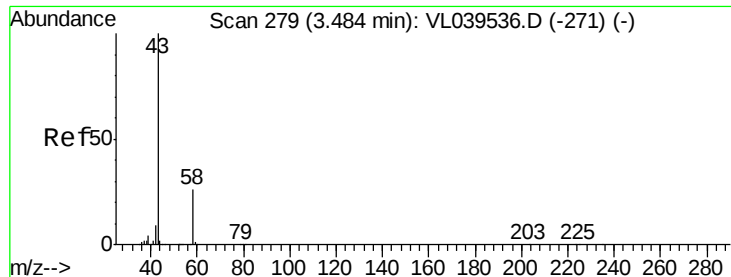
Tot Ion: 45 Resp: 43279
Ion Ratio Lower Upper
45 100
46 43.9 19.3 77.1



#14
Bromoethene
Concen: 9.563 ppbv
RT: 3.38 min Scan# 217
Delta R.T.: 0.00 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Tgt Ion: 108 Resp: 443928
Ion Ratio Lower Upper
108 100
106 111.1 86.6 130.0
79 21.2 15.1 22.7





#15

Acetone

Concen: 9.233 ppbv

RT: 3.48 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: VL0817ABS01 ClientSampleId:

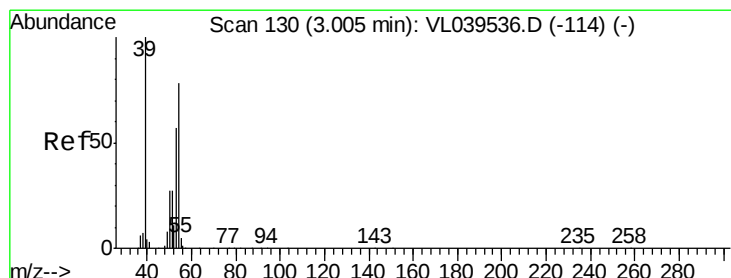
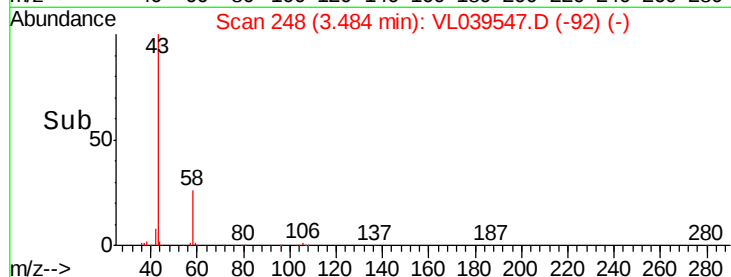
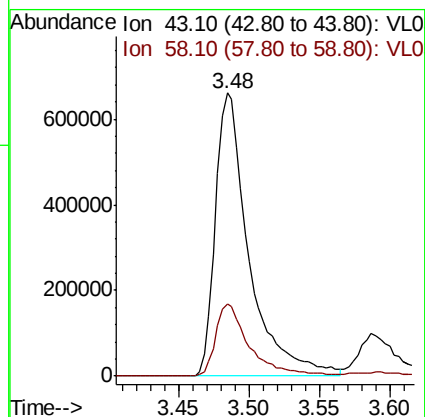
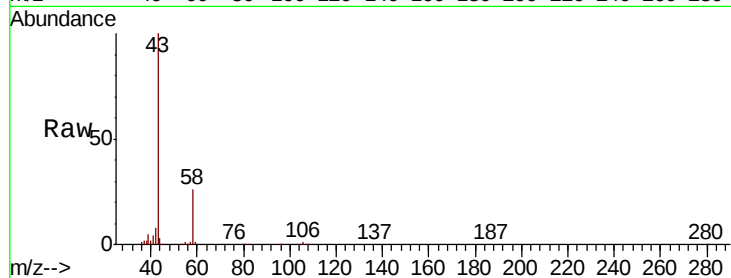
Acq: 17 Aug 2022 13:56

Tot Ion: 43 Resp: 1086460

Ion Ratio Lower Upper

43 100

58 25.9 20.7 31.1



#16

1,3-Butadiene

Concen: 9.653 ppbv

RT: 3.01 min Scan# 99

Delta R.T. 0.00 min

Lab File: VL039547.D

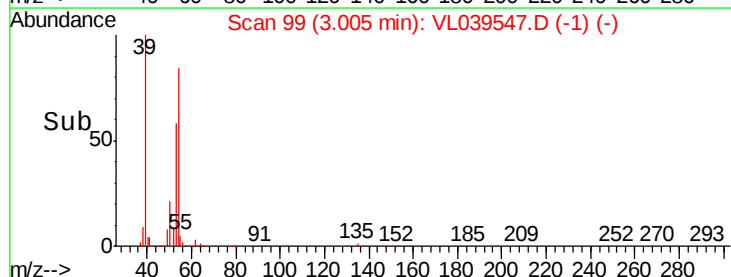
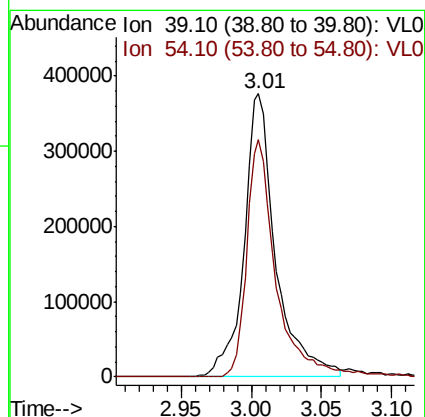
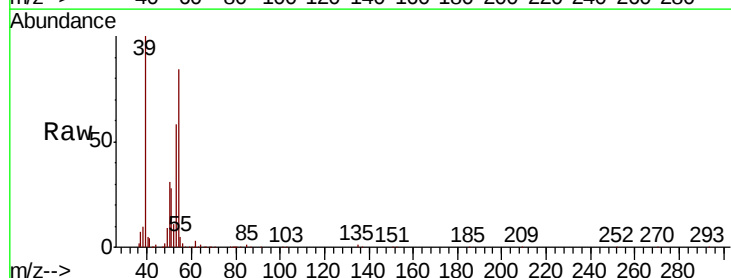
Acq: 17 Aug 2022 13:56

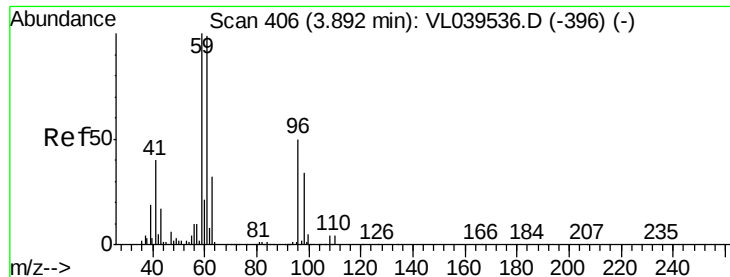
Tgt Ion: 39 Resp: 589921

Ion Ratio Lower Upper

39 100

54 78.8 61.8 92.8





#17

tert-Butyl alcohol

Concen: 10.374 ppbv

RT: 3.89 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

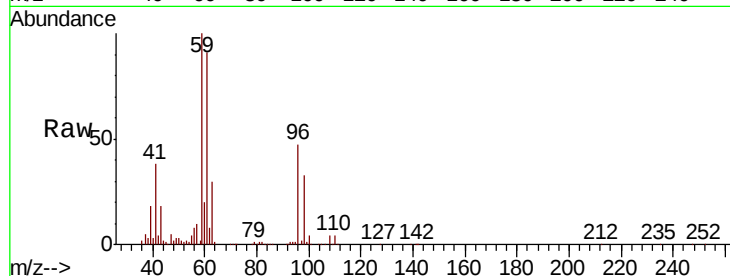
Acq: 17 Aug 2022 13:56

Tot Ion: 59 Resp: 1042373

Ion Ratio Lower Upper

59 100

57 10.7 8.6 12.8



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

3.89

600000

500000

400000

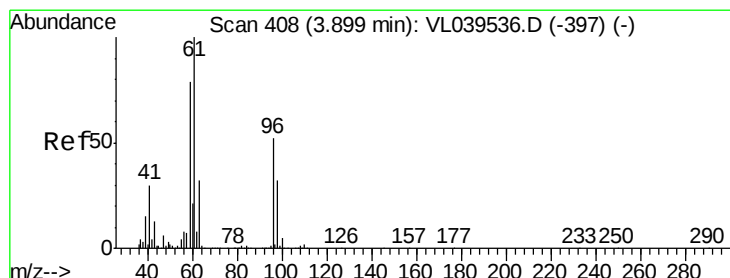
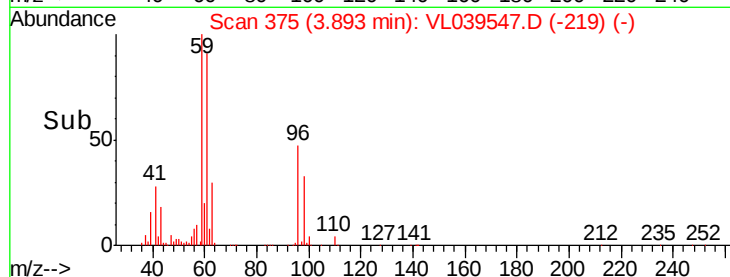
300000

200000

100000

0

Time-->



#18

1,1-Dichloroethene

Concen: 9.300 ppbv

RT: 3.90 min Scan# 376

Delta R.T. -0.00 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

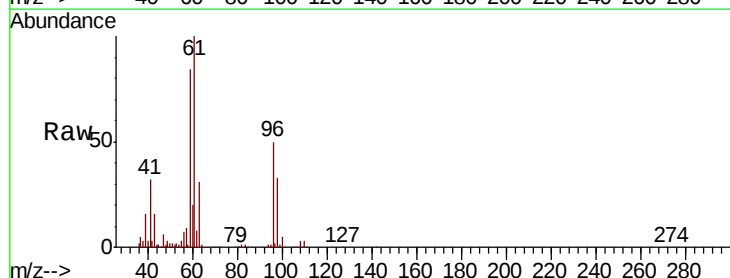
Tgt Ion: 96 Resp: 476325

Ion Ratio Lower Upper

96 100

61 198.4 153.8 230.6

98 64.6 48.6 73.0



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

800000

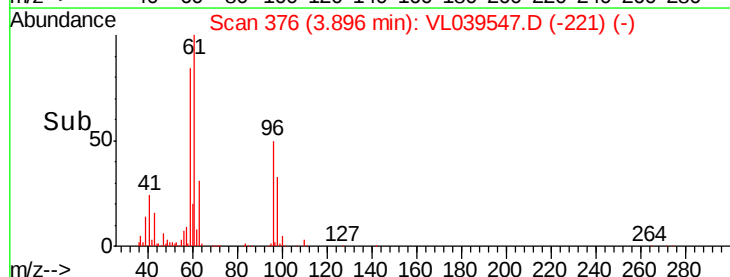
600000

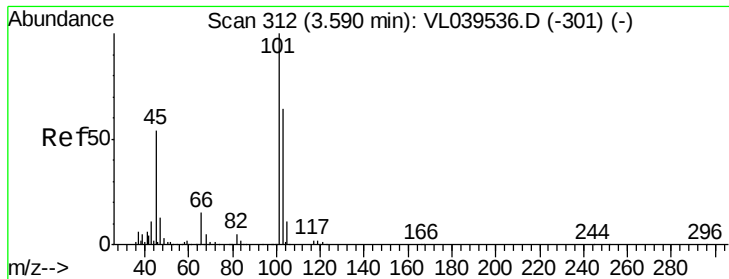
400000

200000

0

Time-->





#19

Isopropyl Alcohol

Concen: 10.705 ppbv

RT: 3.59 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0817ABS01

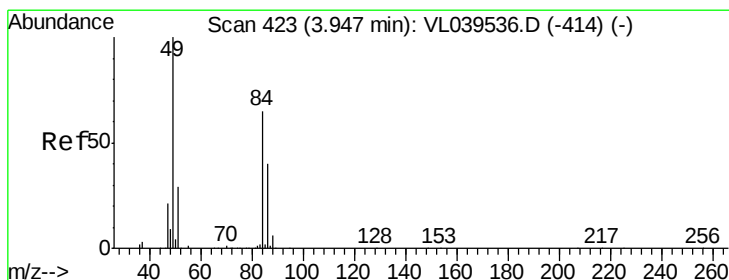
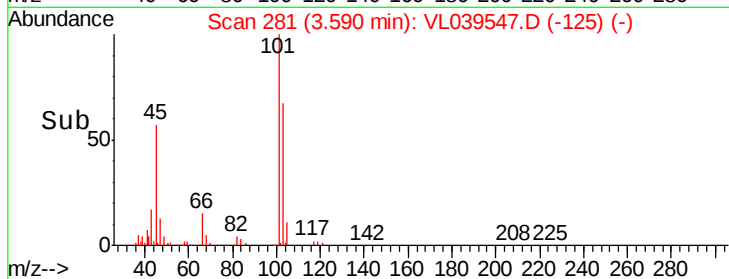
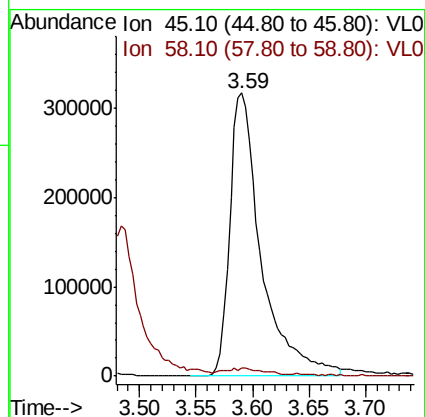
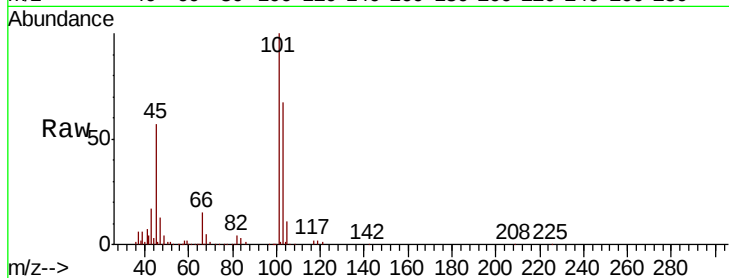
Acq: 17 Aug 2022 13:50

Tot Ion: 45 Resp: 615612

Ion Ratio Lower Upper

45 100

58 3.4 0.0 0.0#



#20

Methylene Chloride

Concen: 8.359 ppbv

RT: 3.95 min Scan# 393

Delta R.T. 0.00 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

Tgt Ion: 84 Resp: 400489

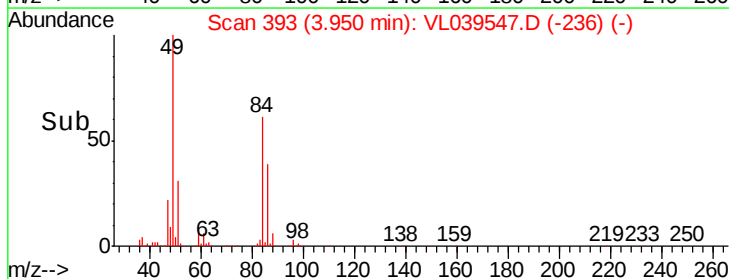
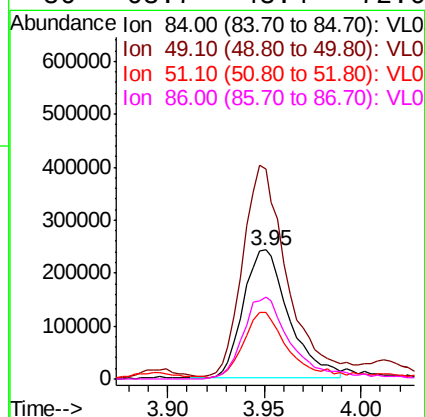
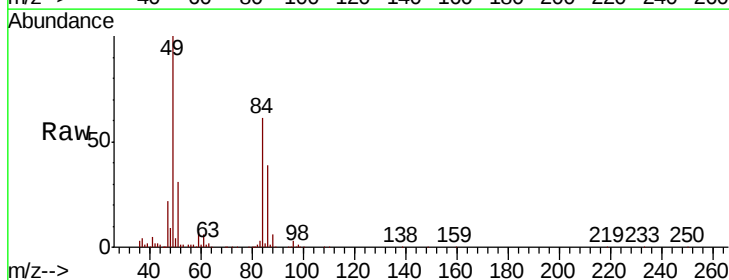
Ion Ratio Lower Upper

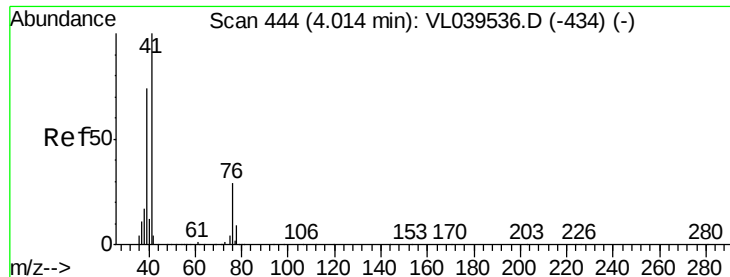
84 100

49 161.0 122.2 183.4

51 49.8 35.8 53.6

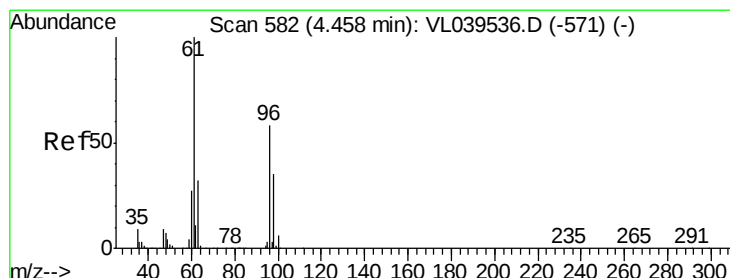
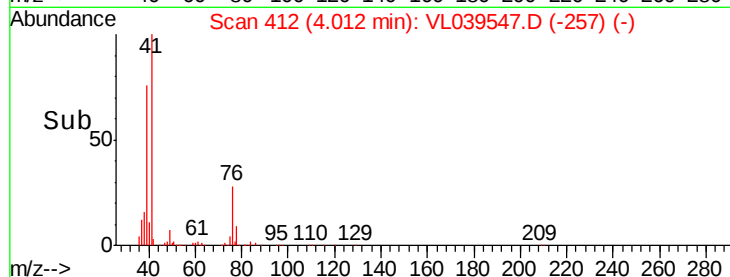
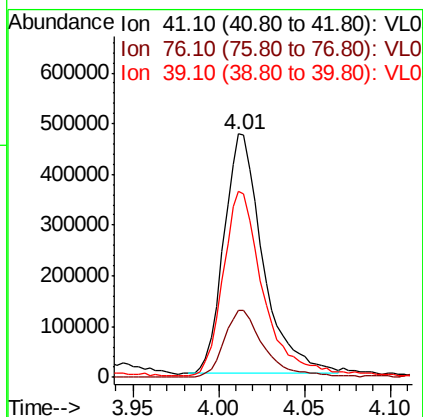
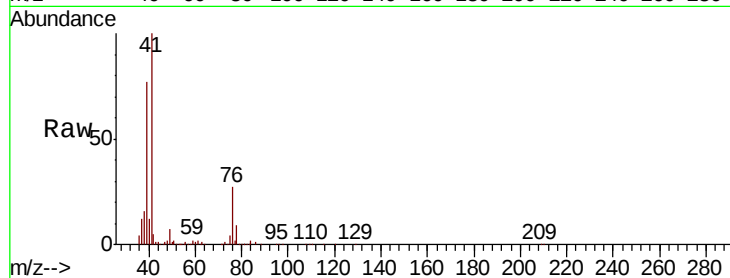
86 63.7 48.4 72.6





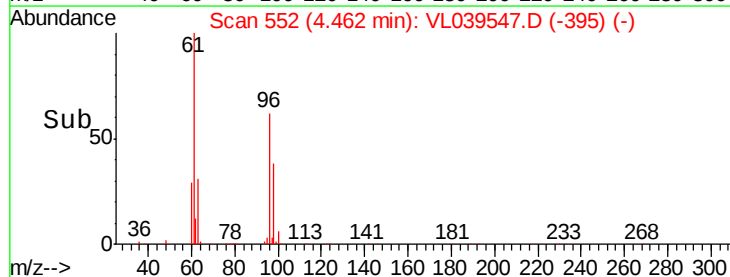
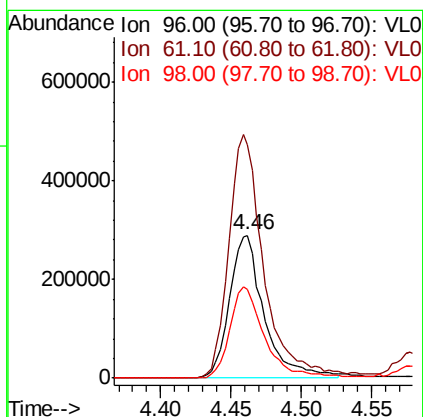
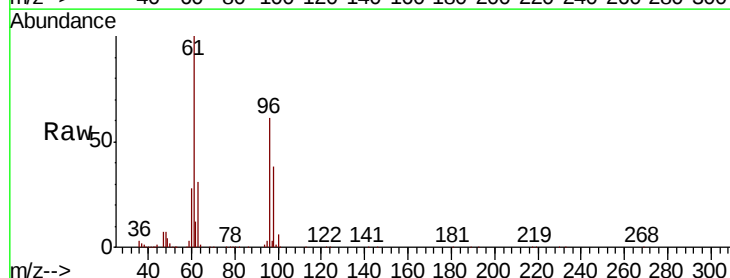
#21
 Allvl Chloride
 Concen: 9.832 ppbv
 RT: 4.01
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VL0817ABS01
 Acq: 17 Aug 2022 13:56

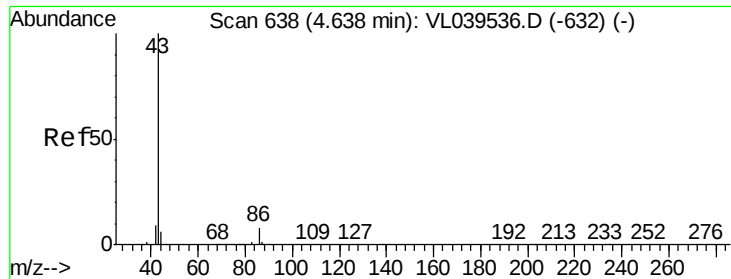
Tot Ion	Ratio	Lower	Upper
41	100		
76	28.8	23.1	34.7
39	80.5	63.4	95.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.789 ppbv
 RT: 4.46 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

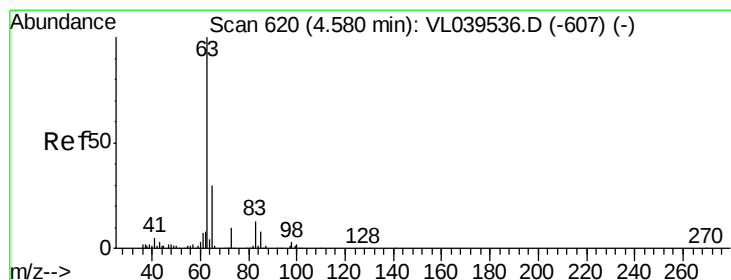
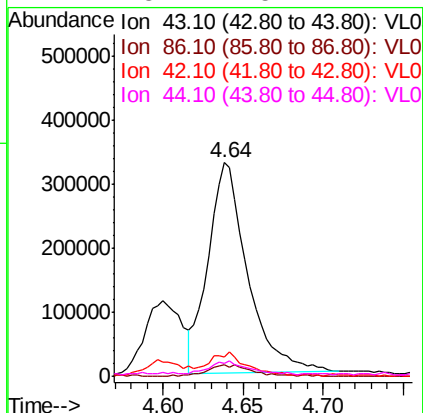
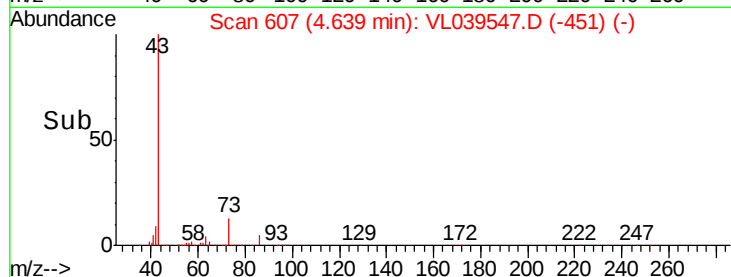
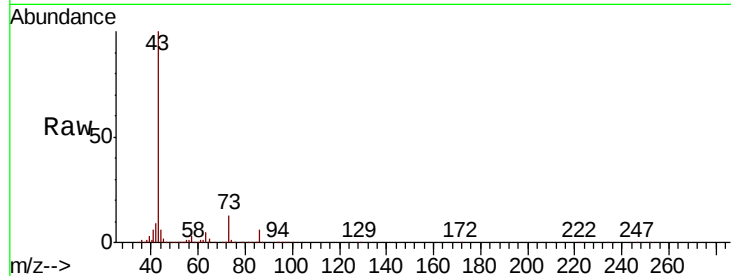
Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.2	138.1	207.1
98	61.7	48.8	73.2





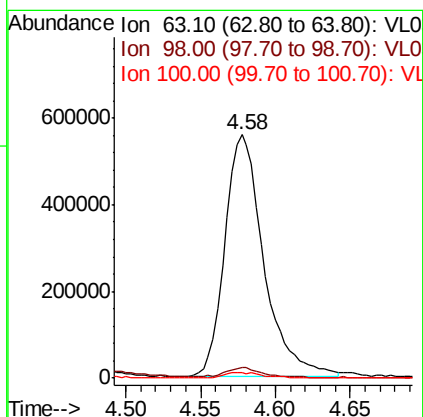
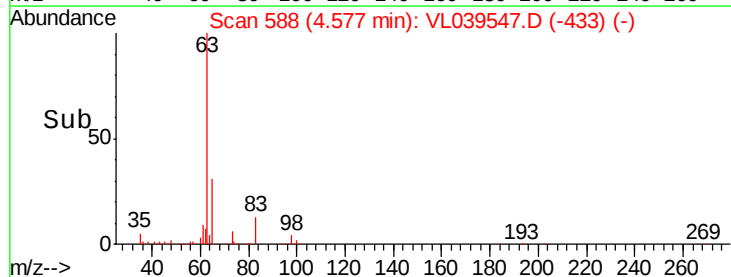
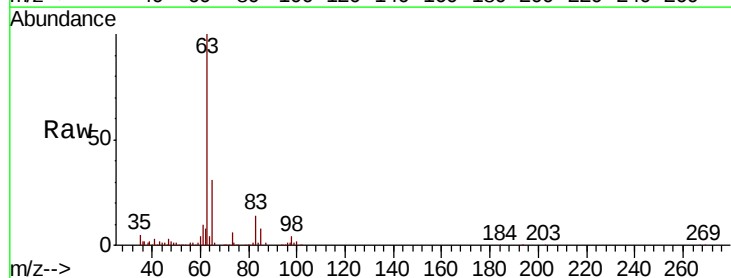
#23
 Vinyl Acetate
 Concen: 9.563 ppbv
 RT: 4.64
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0817ABS01
 Acq: 17 Aug 2022 13:56

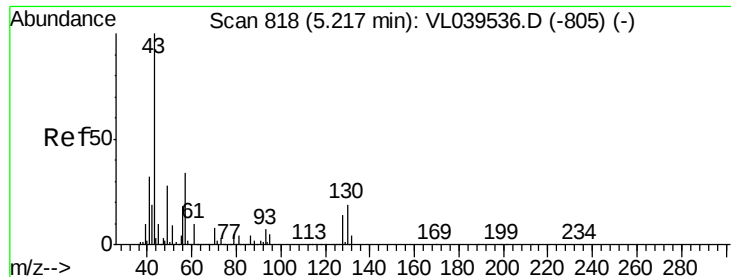
Tot Ion:	43	Resp:	565751
Ion	Ratio	Lower	Upper
43	100		
86	5.7	5.3	7.9
42	9.0	8.7	13.1
44	5.2	5.1	7.7



#24
 1,1-Dichloroethane
 Concen: 9.748 ppbv
 RT: 4.58 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

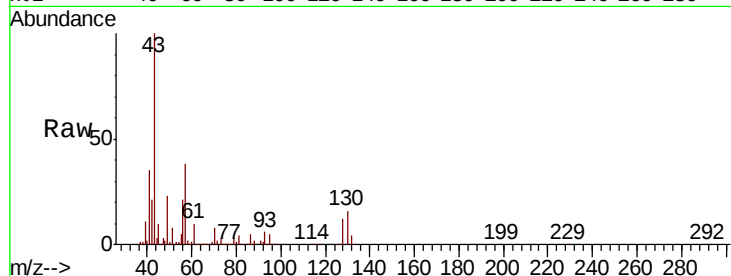
Tgt Ion:	63	Resp:	1014882
Ion	Ratio	Lower	Upper
63	100		
98	4.2	1.7	5.0
100	2.2	1.1	3.3





#25
Ethyl Acetate
Concen: 9.724 ppbv
RT: 5.22 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0817ABS01
Acq: 17 Aug 2022 13:56

Tot Ion:	43	Resp:	2439618
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	10.4	8.6	12.8
70	7.1	5.7	8.5



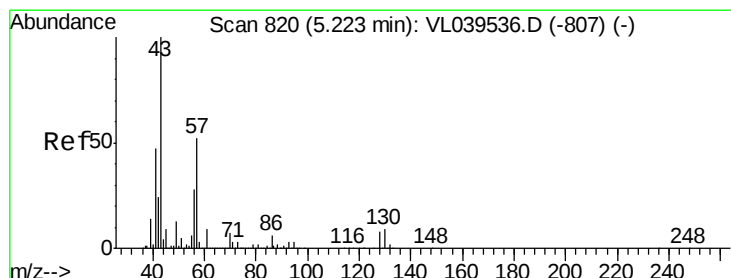
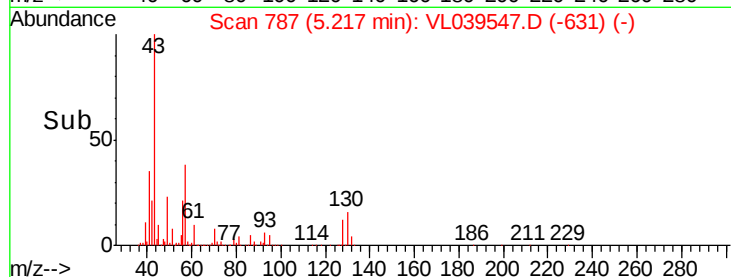
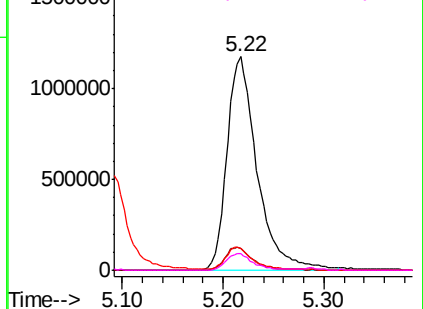
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

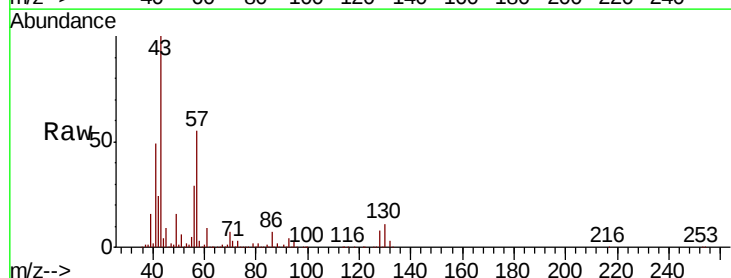
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.718 ppbv
RT: 5.22 min Scan# 789
Delta R.T. 0.00 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Tgt Ion:	57	Resp:	999854
Ion	Ratio	Lower	Upper
57	100		
41	96.7	79.4	119.2
43	246.6	199.7	299.5
56	53.9	44.0	66.0



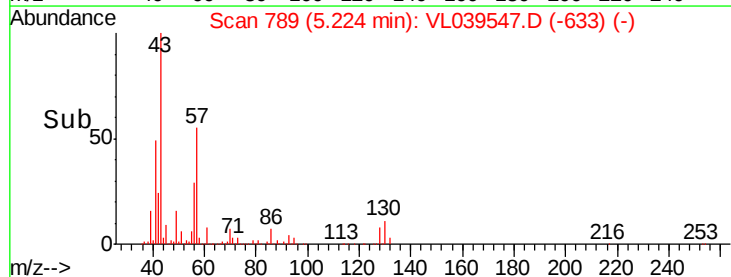
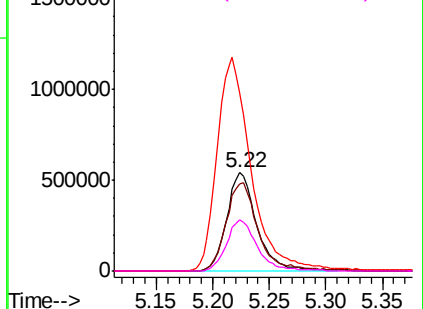
Abundance

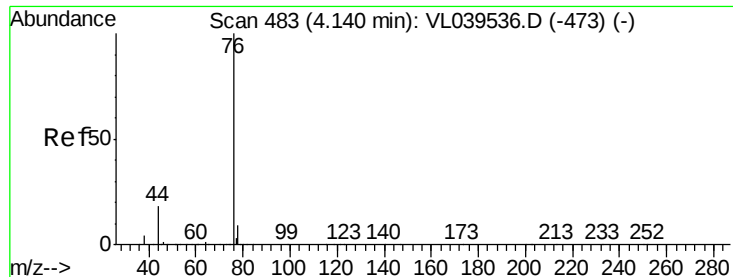
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 10.857 ppbv

RT: 4.14 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 13:56

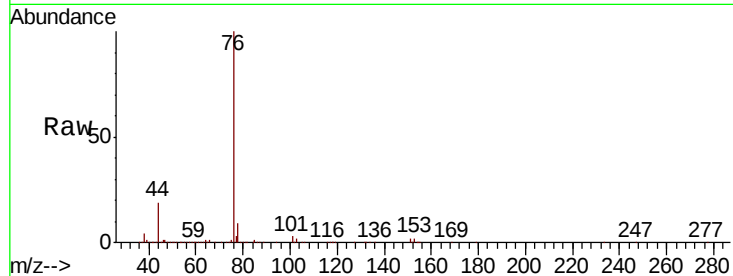
Tot Ion: 76 Resp: 1191788

Ion Ratio Lower Upper

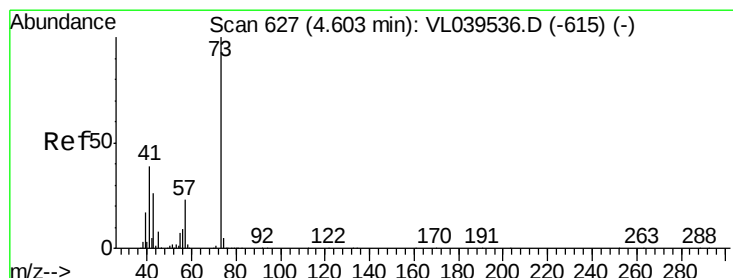
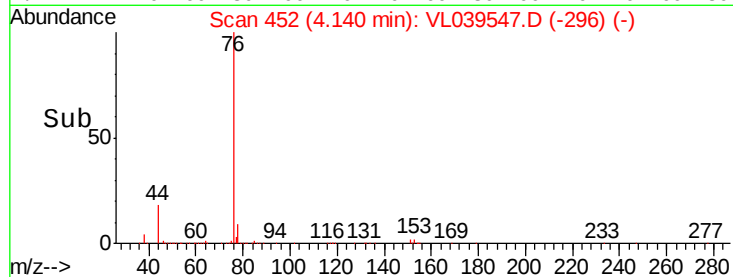
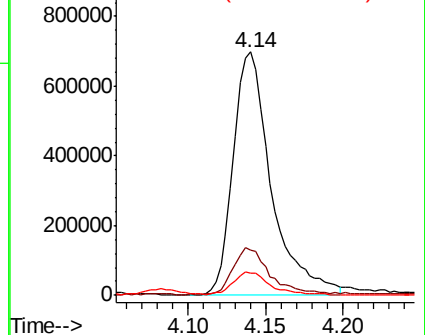
76 100

44 19.7 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: 9.436 ppbv

RT: 4.60 min Scan# 596

Delta R.T. 0.00 min

Lab File: VL039547.D

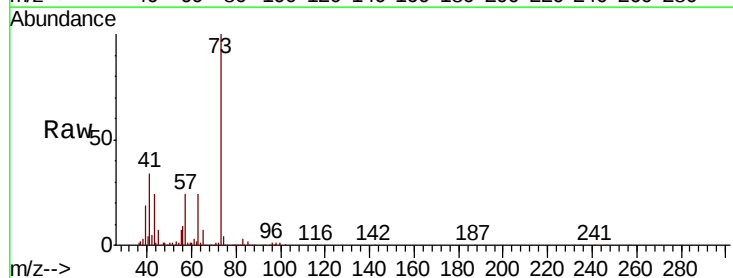
Acq: 17 Aug 2022 13:56

Tgt Ion: 73 Resp: 853643

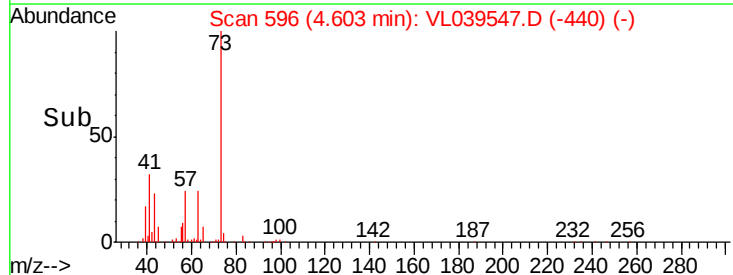
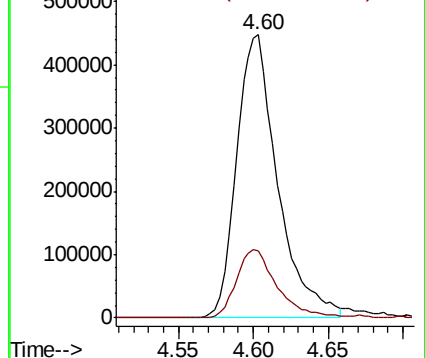
Ion Ratio Lower Upper

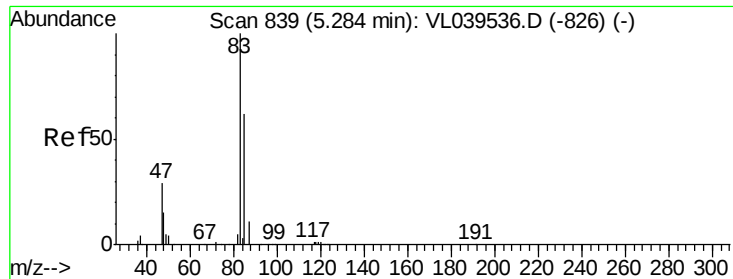
73 100

57 24.7 19.8 29.6



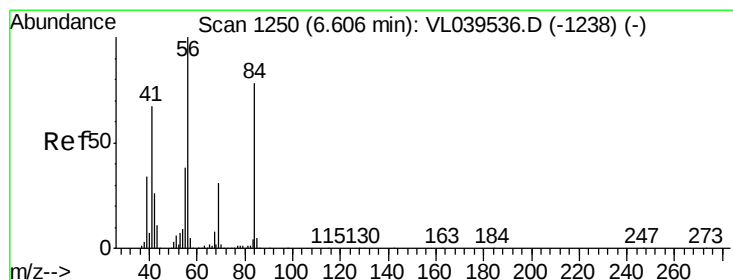
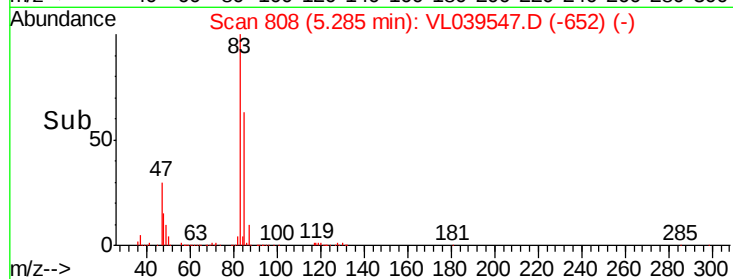
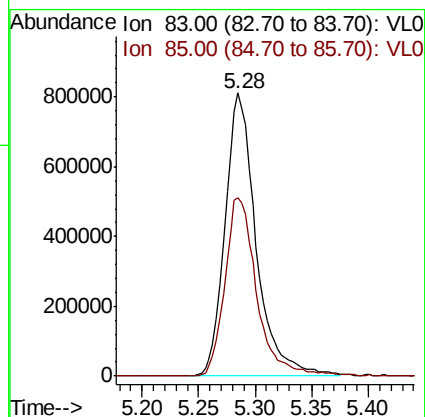
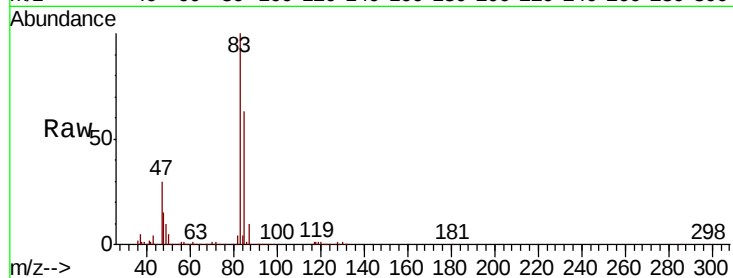
Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





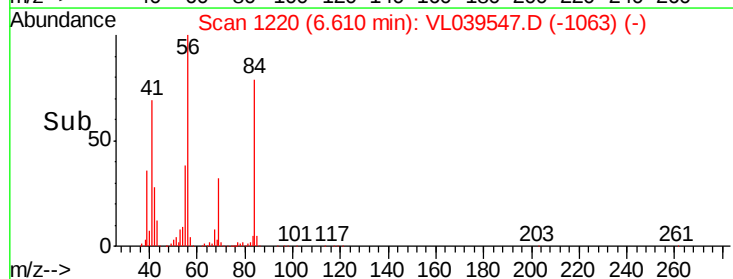
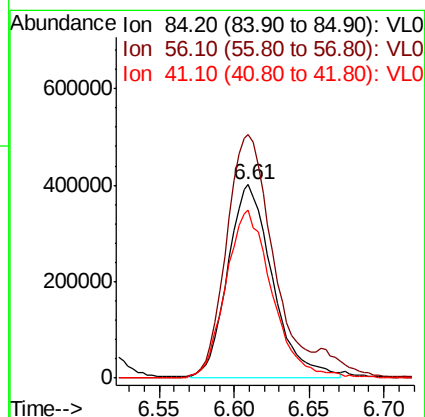
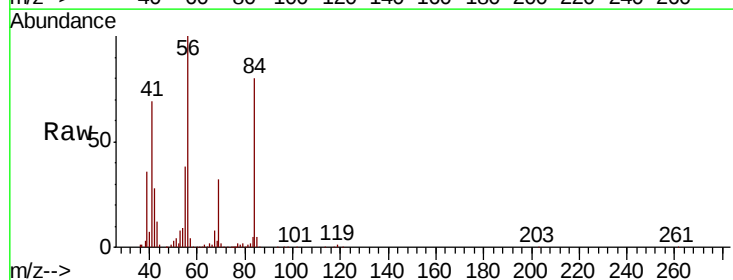
#29
Chloroform
Concen: 9.639 ppbv
RT: 5.28 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0817ABS01
Acq: 17 Aug 2022 13:56

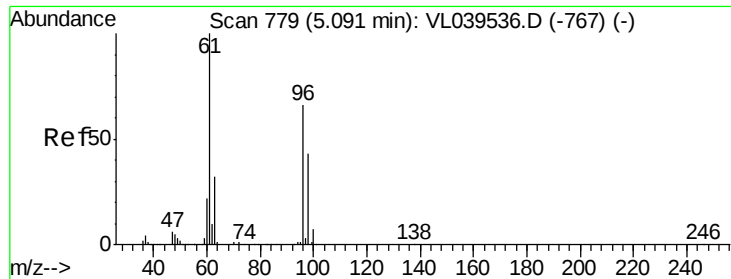
Tot Ion: 83 Resp: 1552305
Ion Ratio Lower Upper
83 100
85 63.1 49.8 74.8



#30
Cyclohexane
Concen: 9.831 ppbv
RT: 6.61 min Scan# 1220
Delta R.T.: 0.00 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

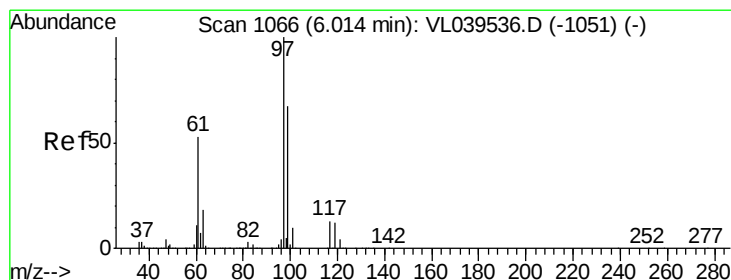
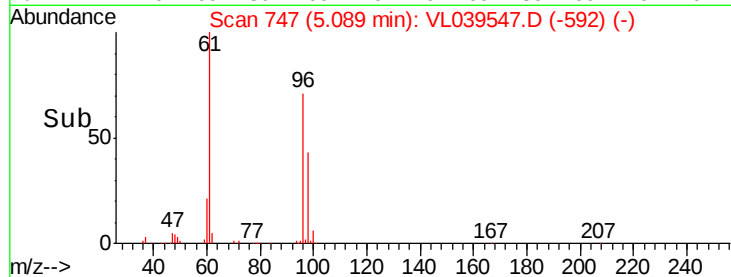
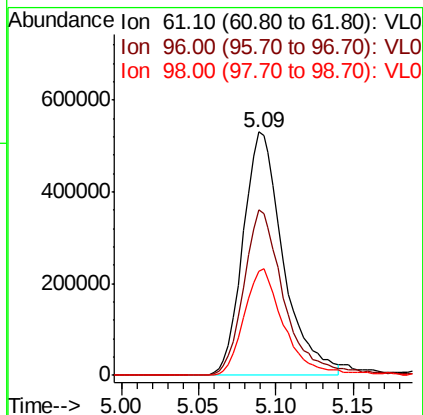
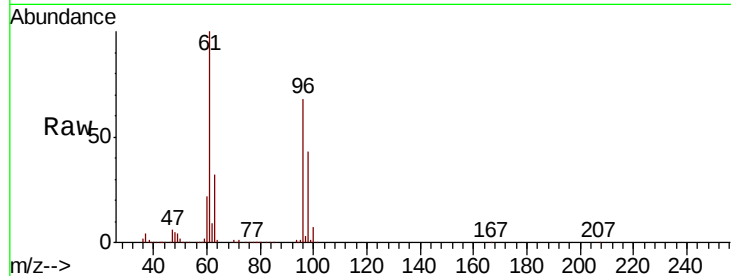
Tgt Ion: 84 Resp: 839903
Ion Ratio Lower Upper
84 100
56 139.3 0.0 0.0#
41 89.8 0.0 0.0#





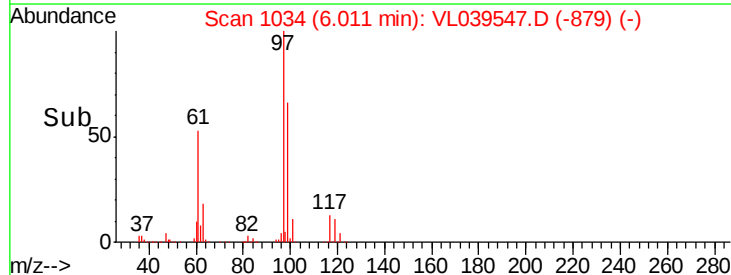
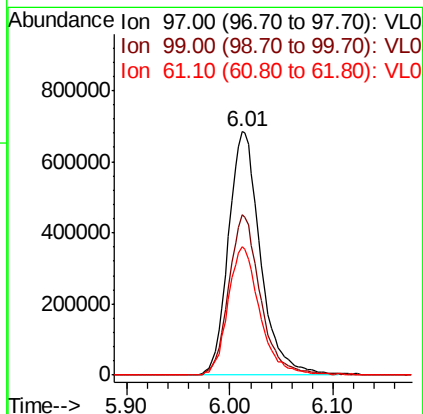
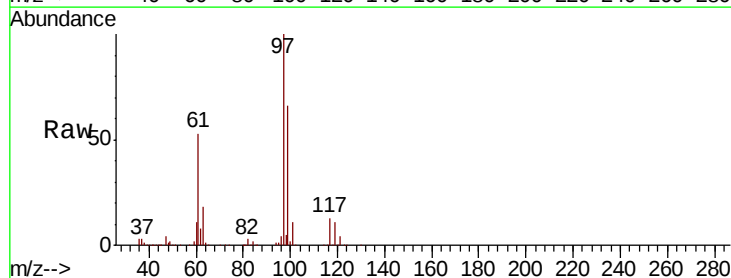
#31
 cis-1,2-Dichloroethene
 Concen: 9.604 ppbv
 RT: 5.09
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0817ABS01
 Acq: 17 Aug 2022 13:56

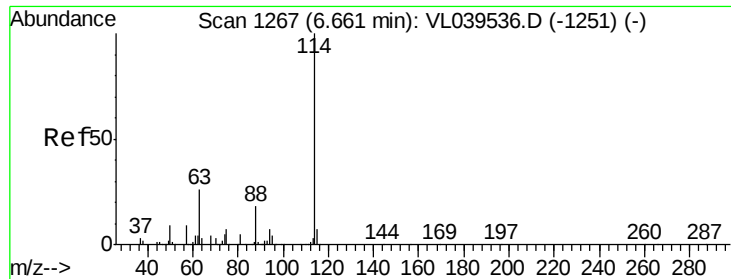
Tot Ion	61	Resp	955444
Ion Ratio	Lower	Upper	
61	100		
96	67.9	52.9	79.3
98	42.9	34.5	51.7



#32
 1,1,1-Trichloroethane
 Concen: 9.806 ppbv
 RT: 6.01 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

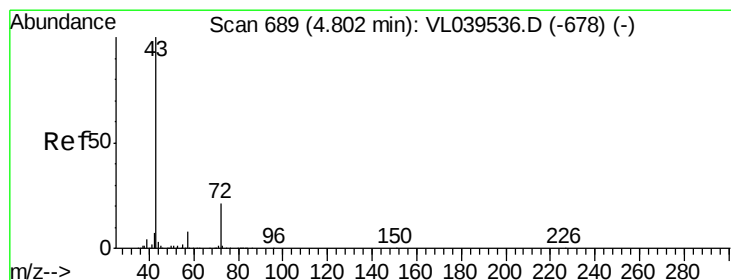
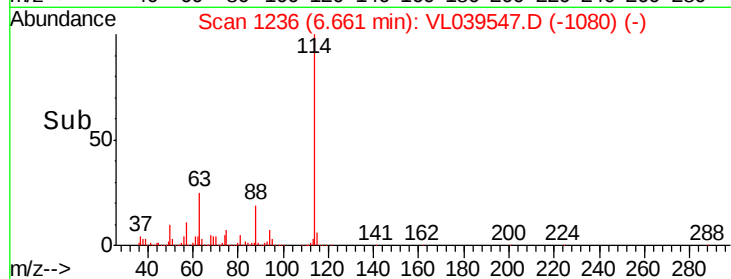
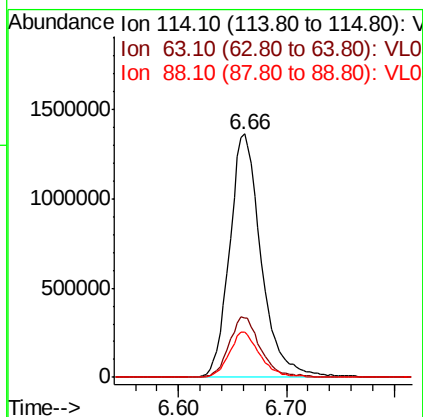
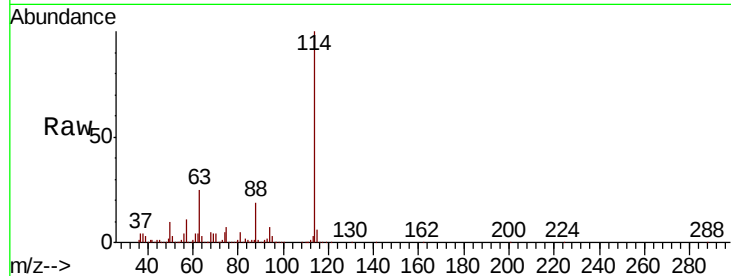
Tgt Ion	97	Resp	1481016
Ion Ratio	Lower	Upper	
97	100		
99	65.2	52.4	78.6
61	52.9	42.9	64.3





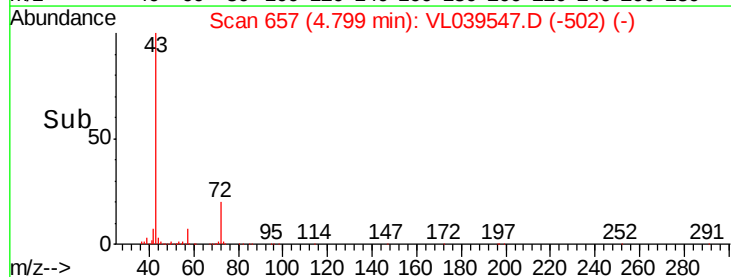
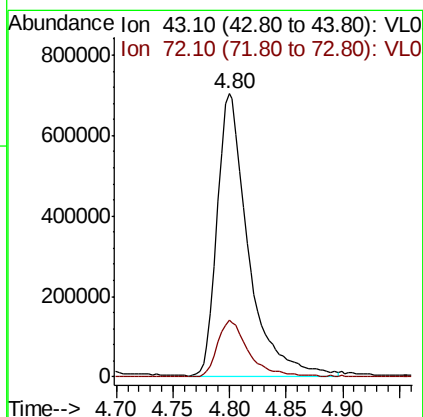
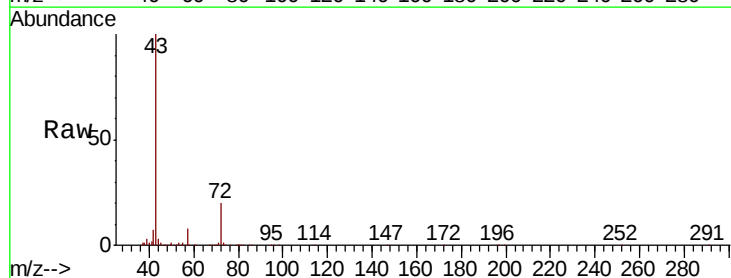
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0817ABS01
 Acq: 17 Aug 2022 13:56

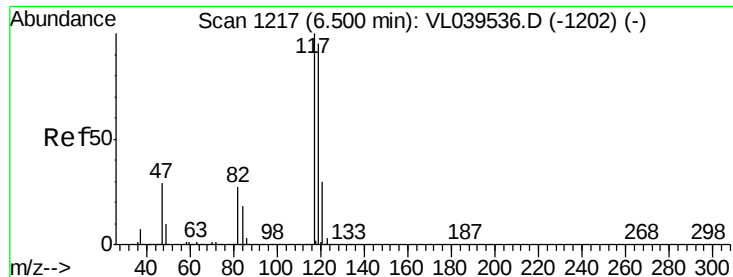
Tot Ion:114 Resp: 2787808
 Ion Ratio Lower Upper
 114 100
 63 25.2 20.6 31.0
 88 18.2 14.6 22.0



#34
 2-Butanone
 Concen: 9.573 ppbv
 RT: 4.80 min Scan# 657
 Delta R.T.: -0.00 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

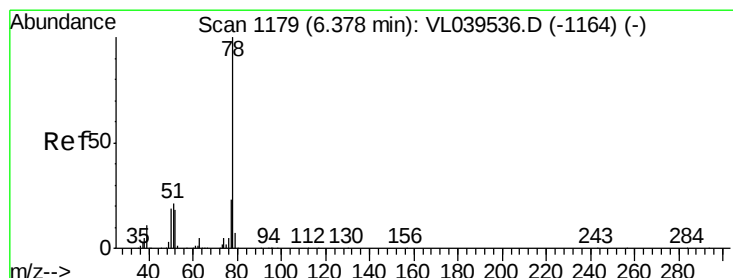
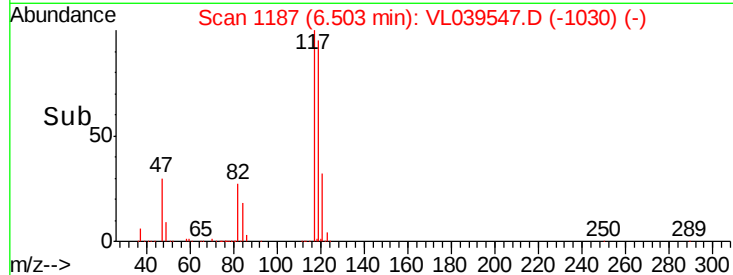
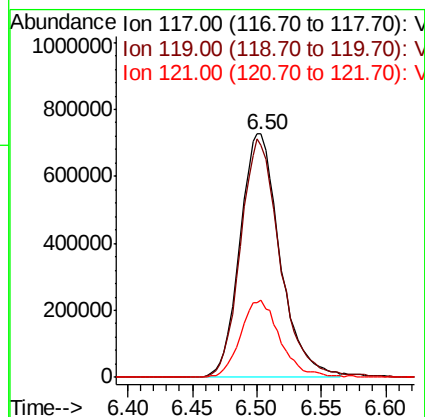
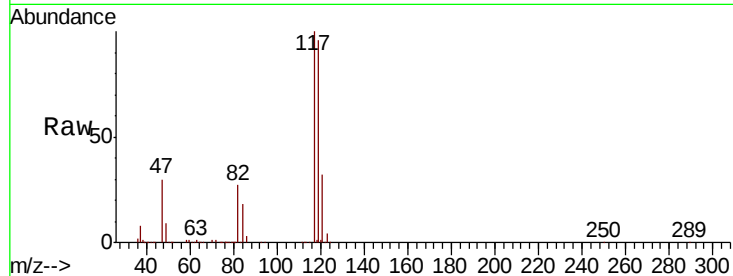
Tgt Ion: 43 Resp: 1341771
 Ion Ratio Lower Upper
 43 100
 72 20.8 17.4 26.0





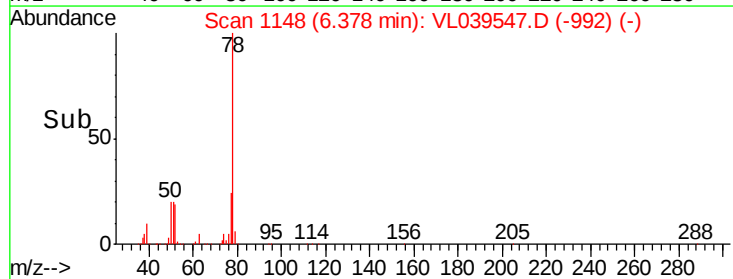
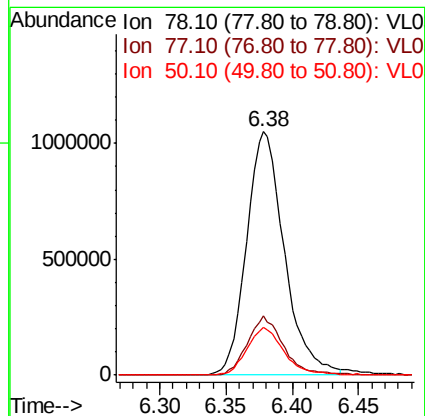
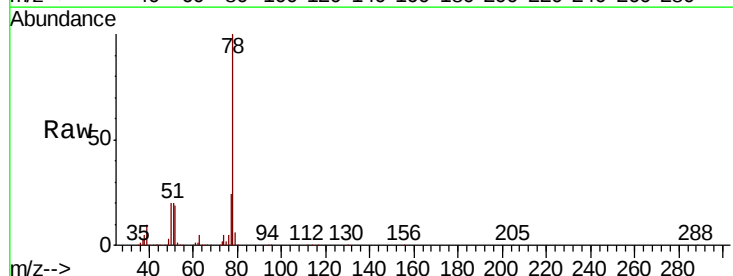
#35
 Carbon Tetrachloride
 Concen: 10.003 ppbv
 RT: 6.50
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: VL0817ABS01
 Acq: 17 Aug 2022 13:50

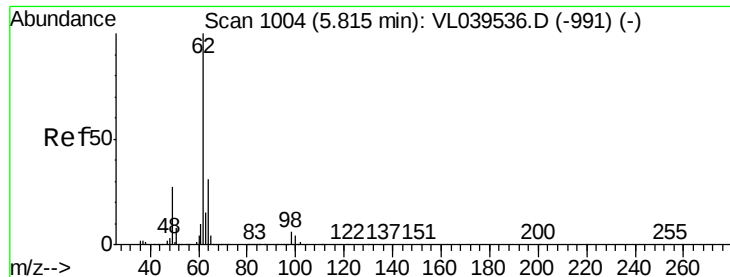
Tot Ion:117 Resp: 1568865
 Ion Ratio Lower Upper
 117 100
 119 95.5 76.2 114.4
 121 31.7 24.4 36.6



#36
 Benzene
 Concen: 9.807 ppbv
 RT: 6.38 min Scan# 1148
 Delta R.T.: 0.00 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

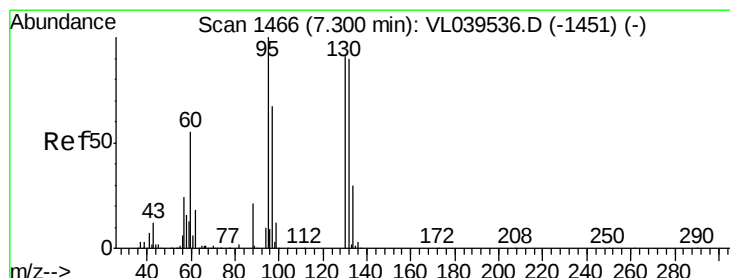
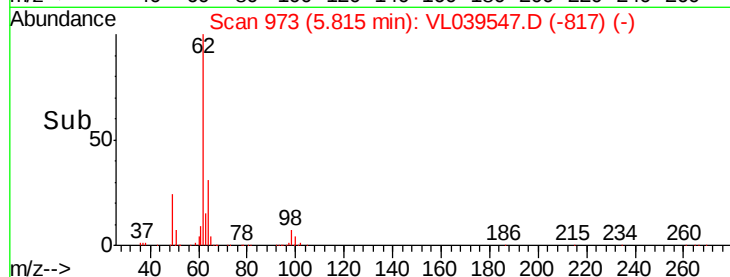
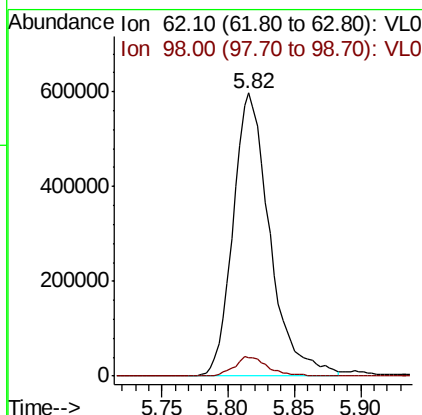
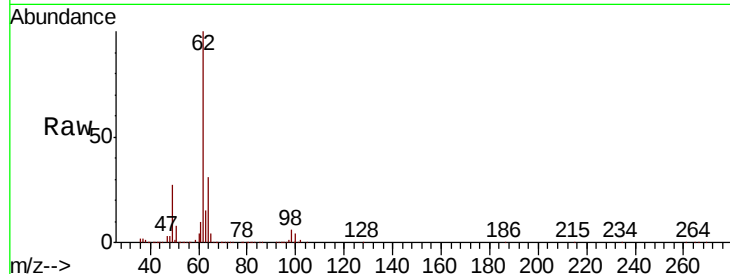
Tgt Ion: 78 Resp: 2083829
 Ion Ratio Lower Upper
 78 100
 77 24.1 18.6 27.8
 50 19.6 15.0 22.4





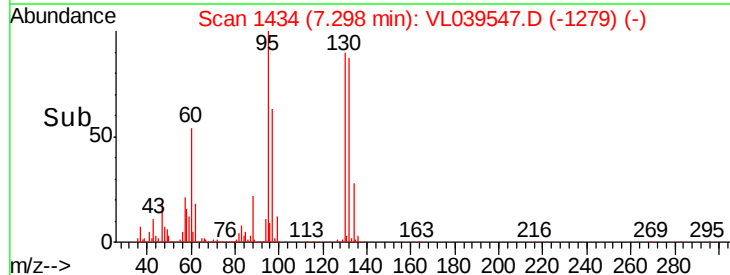
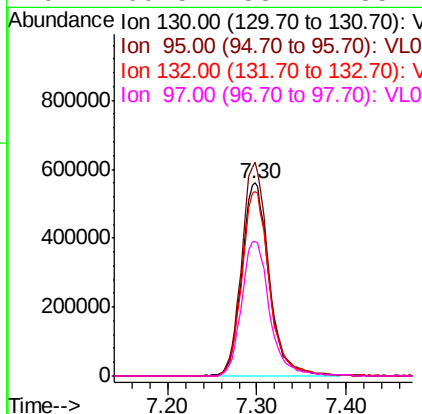
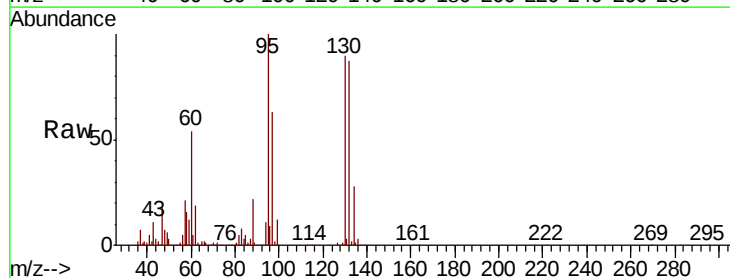
#37
 1,2-Dichloroethane
 Concen: 9.757 ppbv
 RT: 5.82
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0817ABS01
 Acq: 17 Aug 2022 13:56

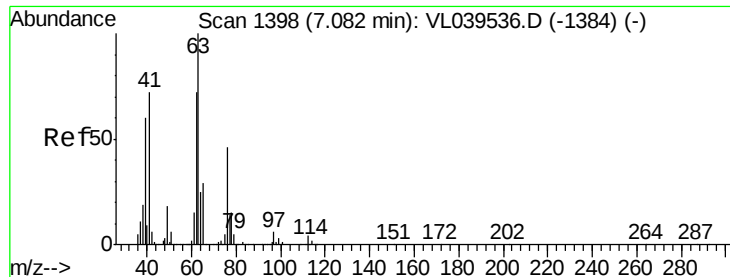
Tot Ion: 62 Resp: 1151671
 Ion Ratio Lower Upper
 62 100
 98 6.7 5.4 8.2



#38
 Trichloroethene
 Concen: 10.318 ppbv
 RT: 7.30 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

Tgt Ion: 130 Resp: 1190926
 Ion Ratio Lower Upper
 130 100
 95 110.7 88.0 132.0
 132 95.8 79.1 118.7
 97 69.5 58.7 88.1





#39

1,2-Dichloropropane

Concen: 9.984 ppbv

RT: 7.08 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 13:56

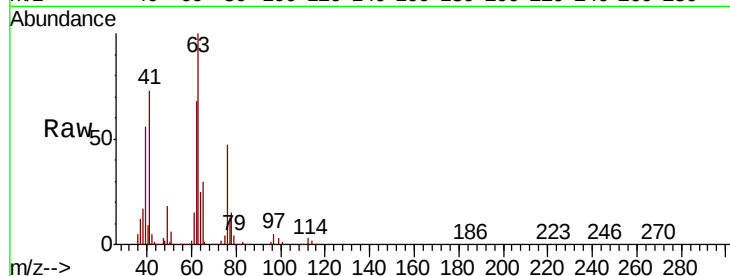
Tot Ion: 63 Resp: 795016

Ion Ratio Lower Upper

63 100

41 72.8 58.0 87.0

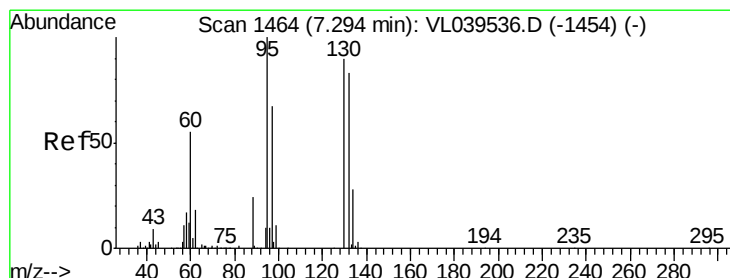
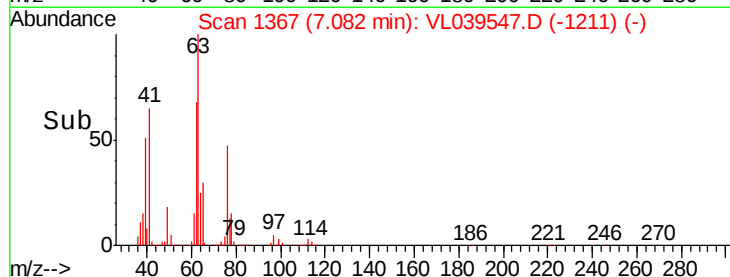
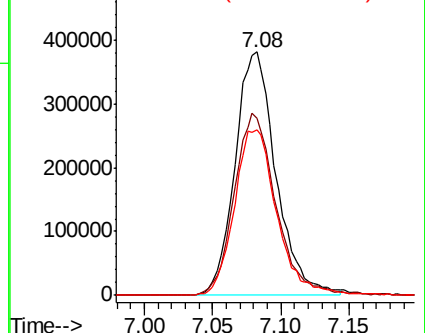
62 67.8 57.8 86.8



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: 10.259 ppbv

RT: 7.29 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

Tgt Ion: 88 Resp: 324123

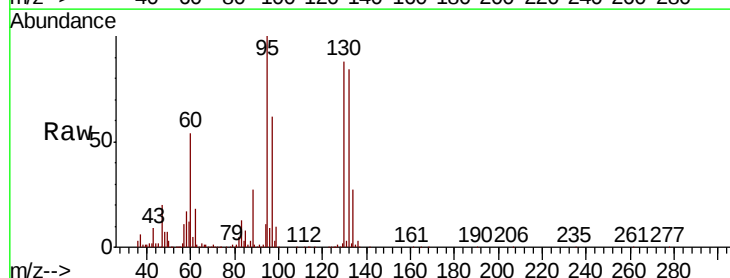
Ion Ratio Lower Upper

88 100

58 123.5 102.8 154.2

43 254.6 216.2 324.2

57 1096.1 910.0 1365.0

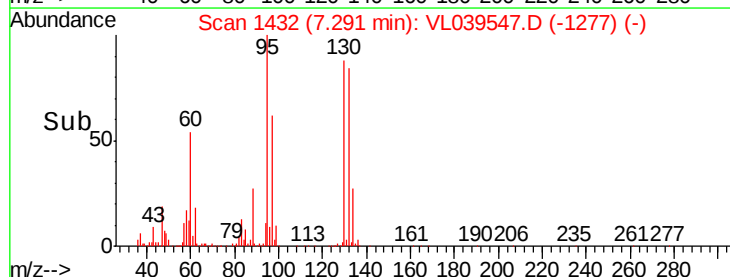
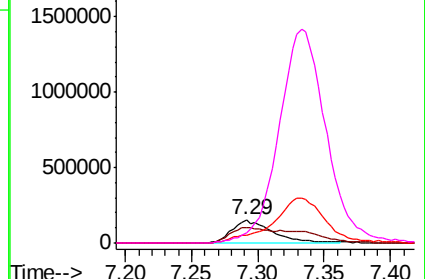


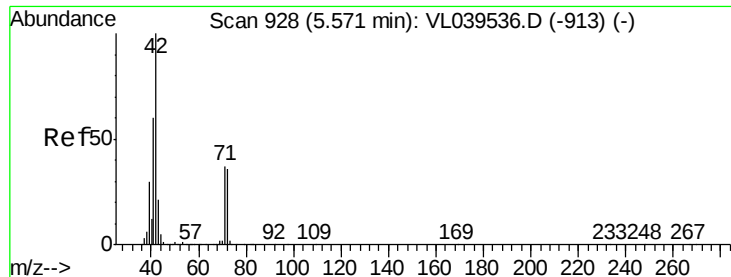
Abundance Ion 88.10 (87.80 to 88.80): VL0

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: 10.422 ppbv

RT: 5.57

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VL0817ABS01

Acq: 17 Aug 2022 13:56

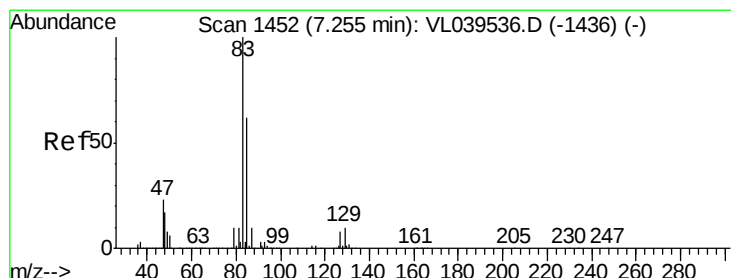
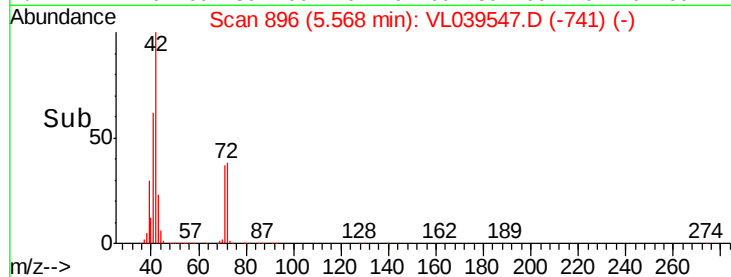
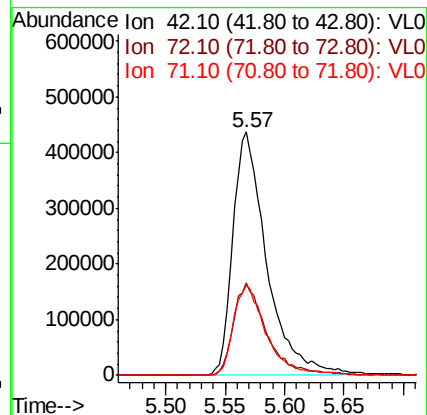
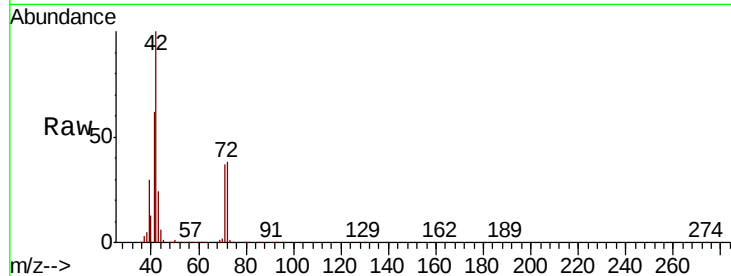
Tot Ion: 42 Resp: 859358

Ion Ratio Lower Upper

42 100

72 37.5 30.6 45.8

71 36.9 30.7 46.1



#42

Bromodichloromethane

Concen: 10.130 ppbv

RT: 7.25 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

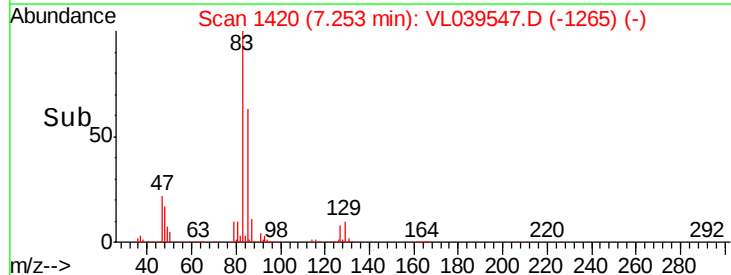
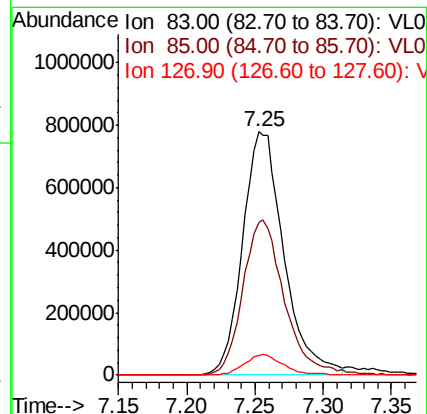
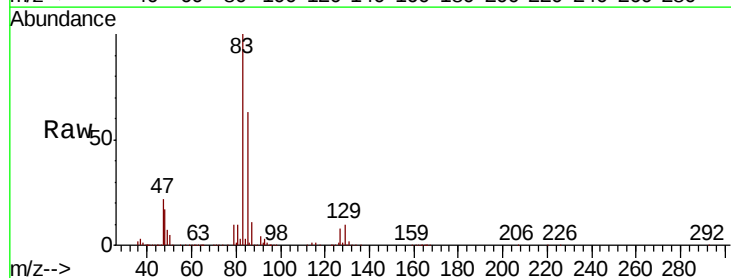
Tgt Ion: 83 Resp: 1634090

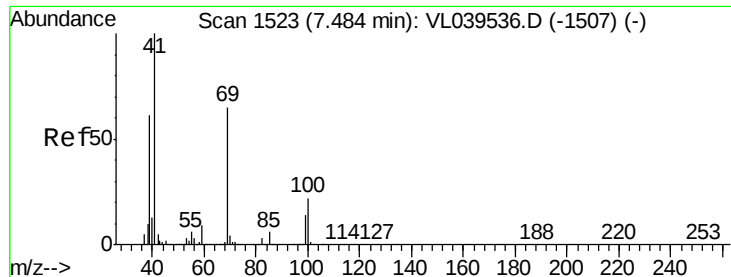
Ion Ratio Lower Upper

83 100

85 63.0 49.9 74.9

127 8.2 6.7 10.1





#43

Methyl Methacrylate

Concen: 10.630 ppbv

RT: 7.48 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0817ABS01

Acq: 17 Aug 2022 13:56

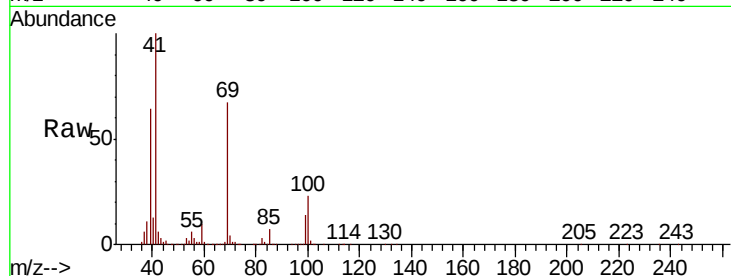
Tot Ion: 69 Resp: 817817

Ion Ratio Lower Upper

69 100

41 157.2 123.0 184.6

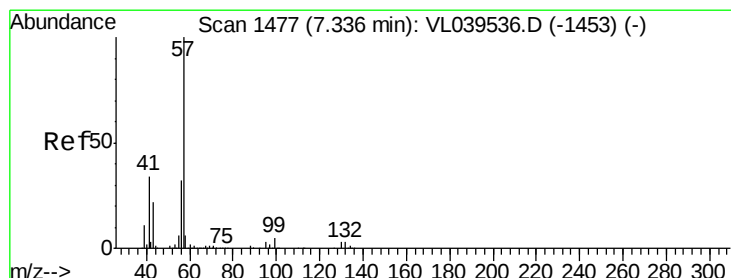
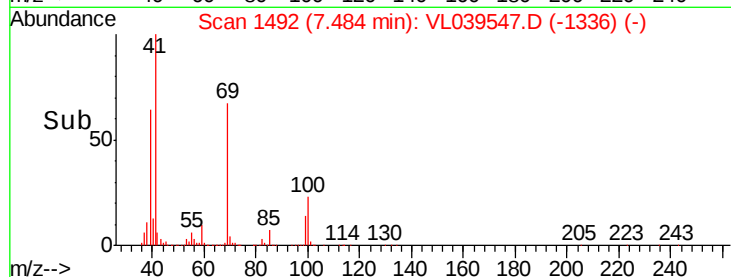
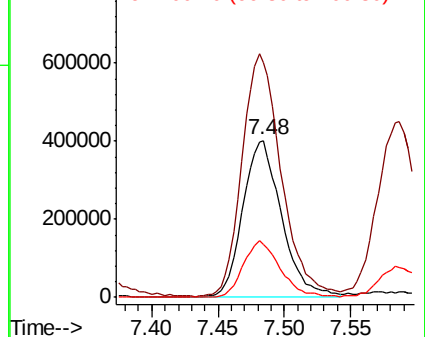
100 34.4 27.4 41.2



Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 9.917 ppbv

RT: 7.33 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

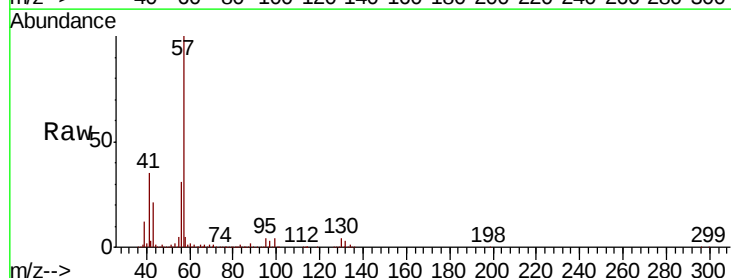
Tgt Ion: 57 Resp: 3549872

Ion Ratio Lower Upper

57 100

41 34.1 27.8 41.6

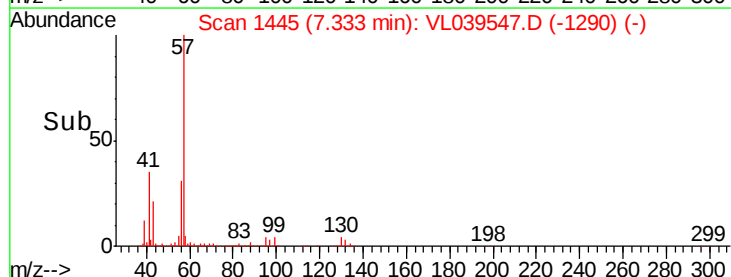
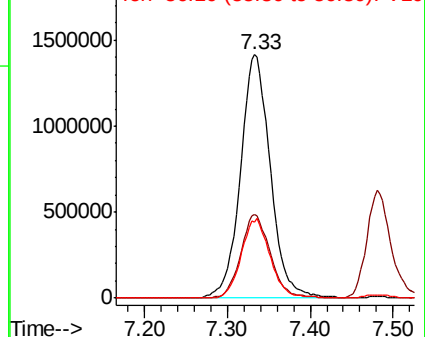
56 31.6 25.5 38.3

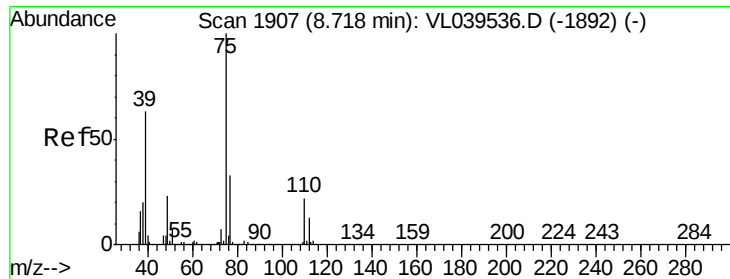


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#45

t-1,3-Dichloropropene

Concen: 11.927 ppbv

RT: 8.72 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL0817ABS01

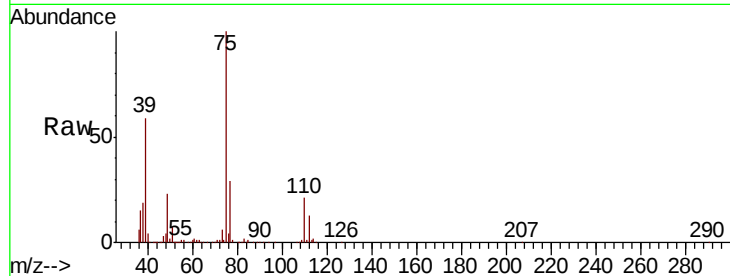
Acq: 17 Aug 2022 13:56

Tot Ion: 75 Resp: 806989

Ion Ratio Lower Upper

75 100

77 29.0 26.2 39.2



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

8.72

400000

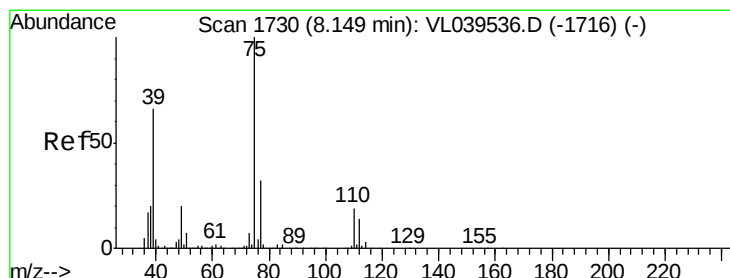
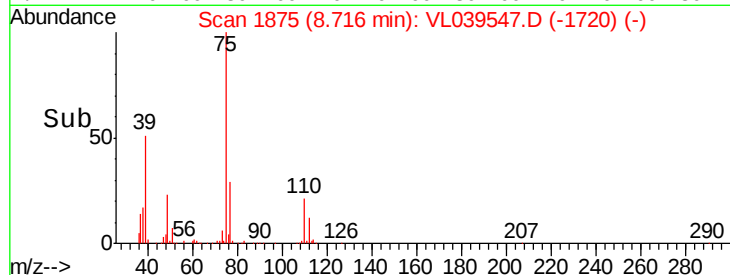
300000

200000

100000

0

Time-->



#46

cis-1,3-Dichloropropene

Concen: 11.759 ppbv

RT: 8.15 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

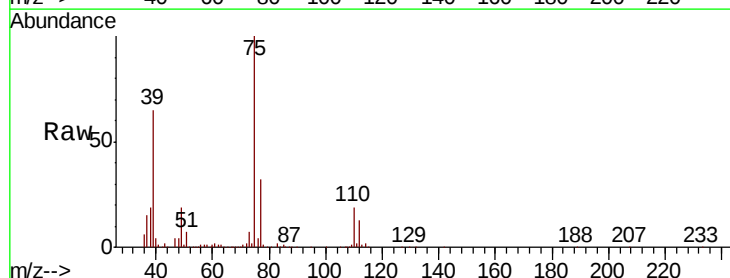
Tgt Ion: 75 Resp: 1094796

Ion Ratio Lower Upper

75 100

39 65.2 52.8 79.2

77 31.5 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

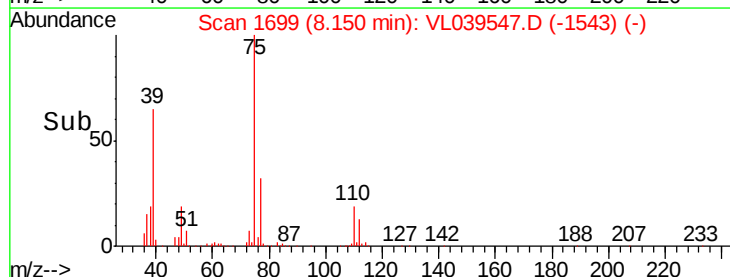
600000

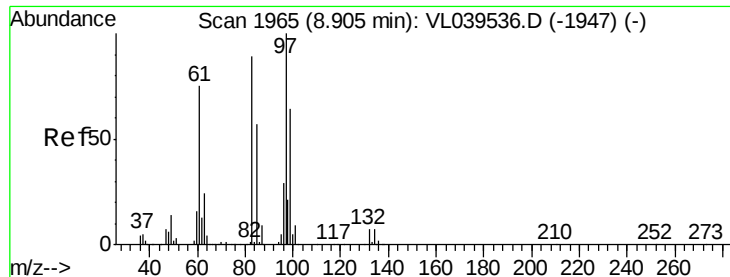
400000

200000

0

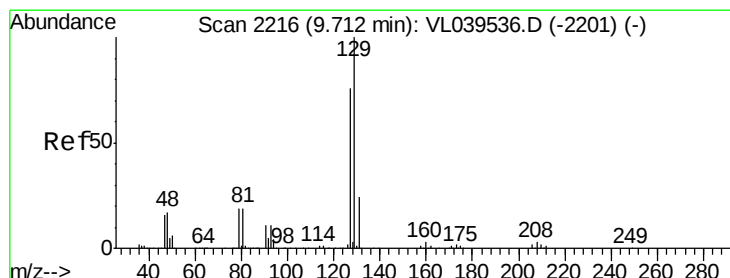
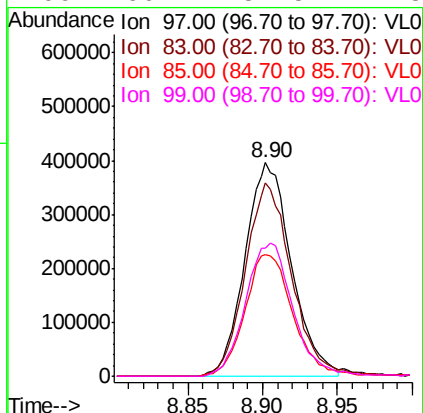
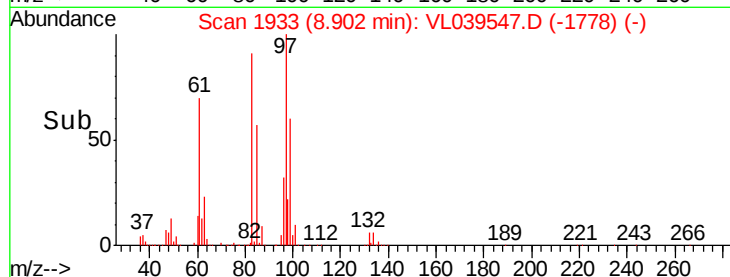
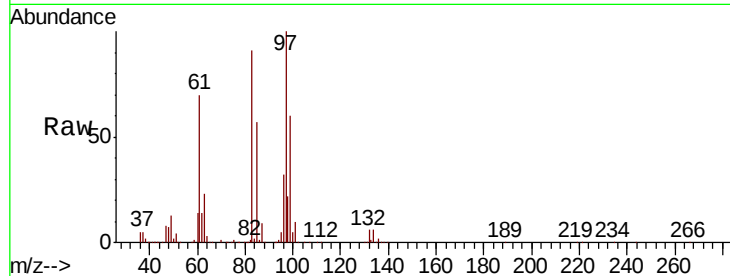
Time-->





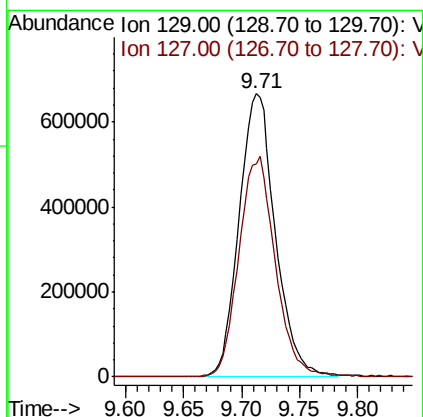
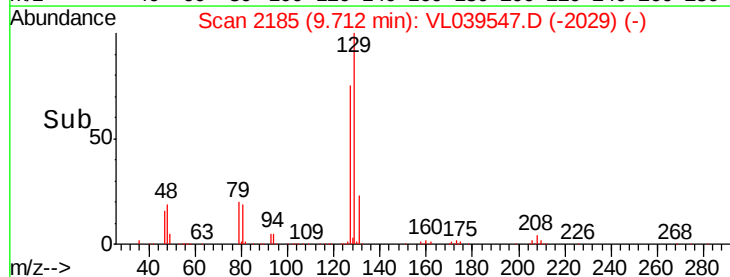
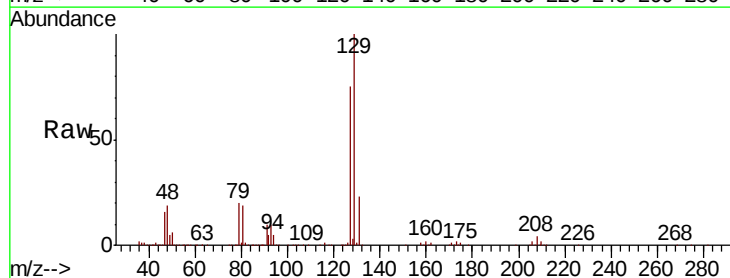
#47
 1,1,2-Trichloroethane
 Concen: 9.345 ppbv
 RT: 8.90
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0817ABS01
 Acq: 17 Aug 2022 13:56

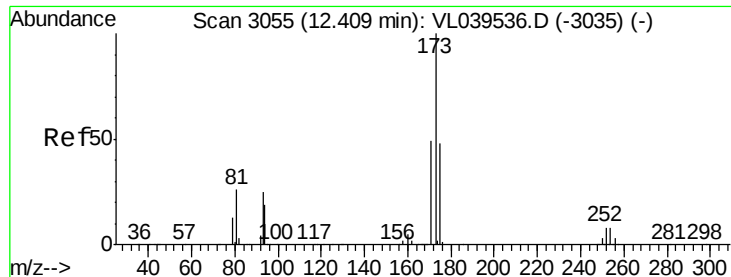
Tot Ion:	97	Resp:	852755
Ion	Ratio	Lower	Upper
97	100		
83	90.7	70.8	106.2
85	56.9	45.4	68.2
99	60.1	51.5	77.3



#48
 Dibromochloromethane
 Concen: 10.698 ppbv
 RT: 9.71 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

Tgt Ion:	129	Resp:	1451464
Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.8	116.3





#49

Bromoform

Concen: 10.653 ppbv

RT: 12.41

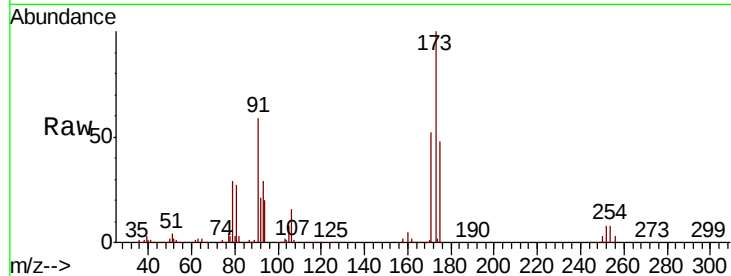
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 Aug 2022 13:56

Tot Ion:173 Resp: 1195595

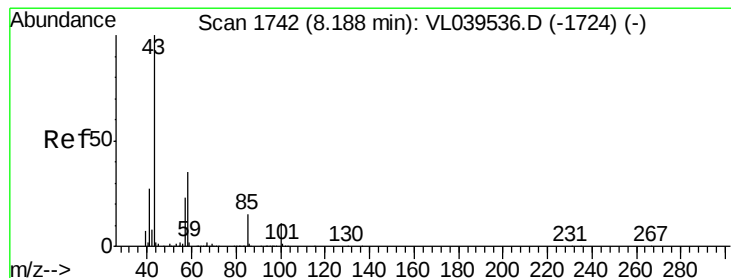
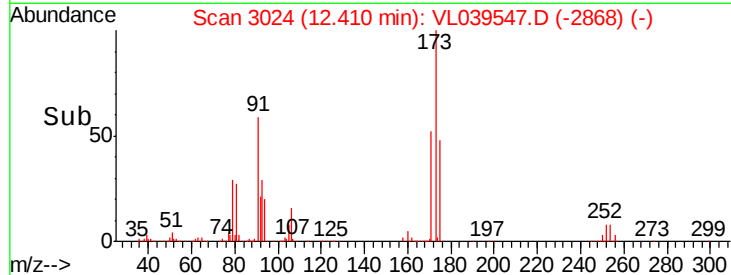
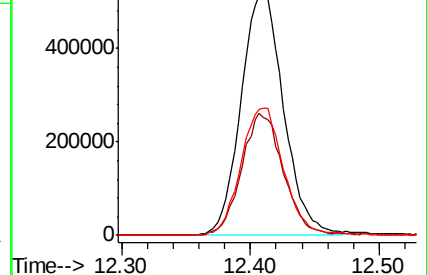
Ion	Ratio	Lower	Upper
173	100		
175	49.6	0.0	0.0#
171	53.1	0.0	0.0#



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: 10.416 ppbv

RT: 8.19 min Scan# 1710

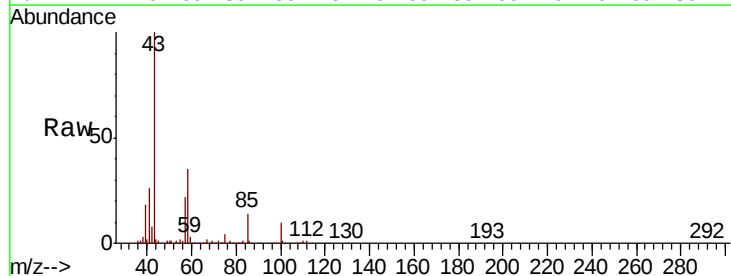
Delta R.T. -0.00 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

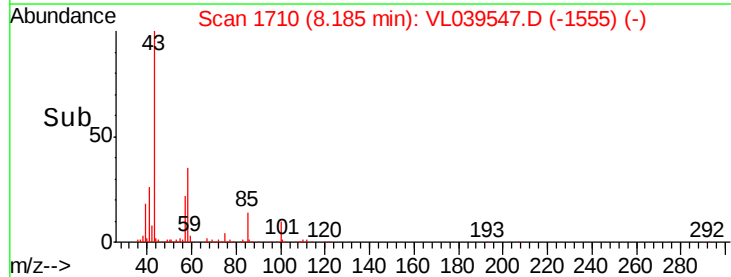
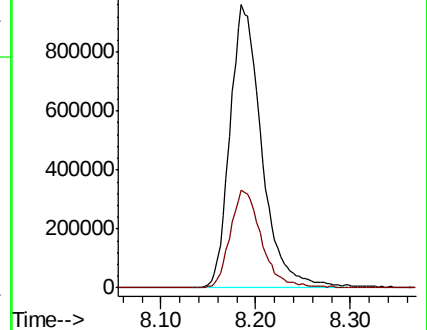
Tgt Ion: 43 Resp: 2246072

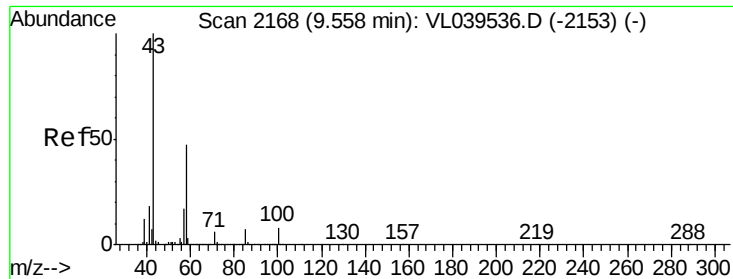
Ion	Ratio	Lower	Upper
43	100		
58	34.5	28.0	42.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

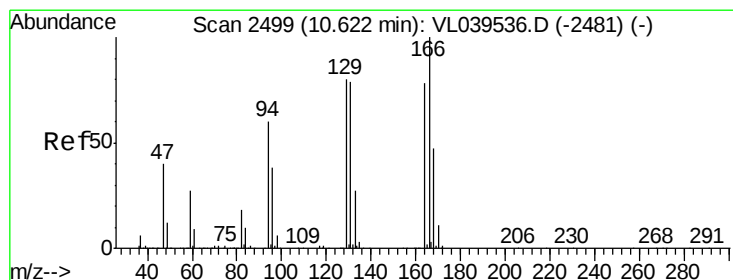
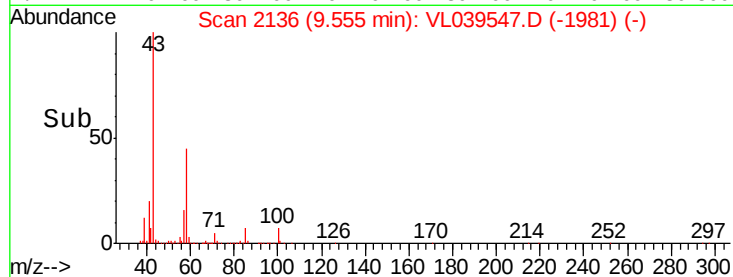
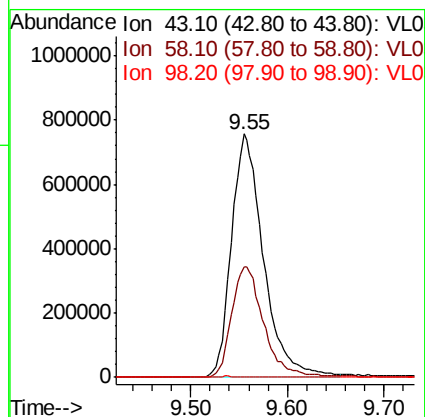
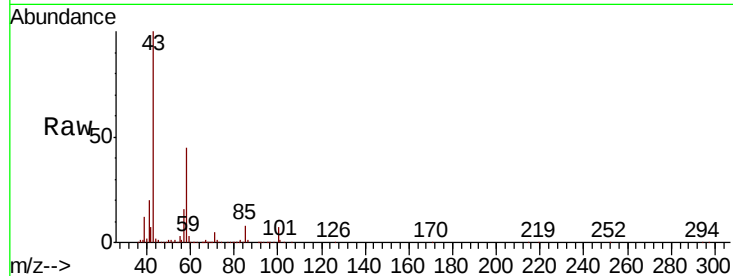




#51
2-Hexanone
Concen: 10.932 ppbv
RT: 9.55 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL0817ABS01
Acq: 17 Aug 2022 13:56

Tot Ion: 43 Resp: 1737628

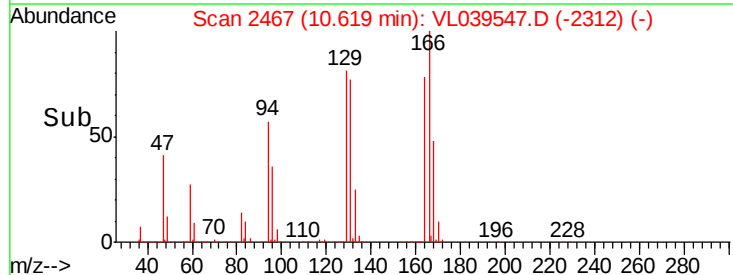
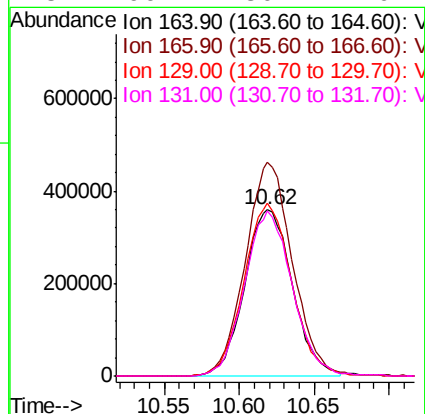
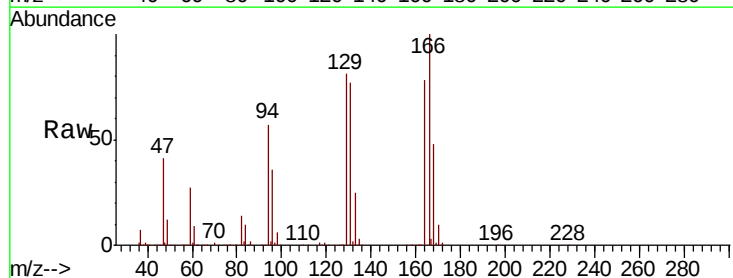
Ion	Ratio	Lower	Upper
43	100		
58	46.1	37.5	56.3
98	0.3	0.5	0.7#

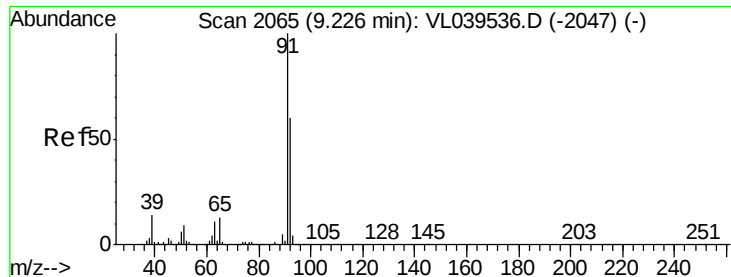


#52
Tetrachloroethene
Concen: 9.594 ppbv
RT: 10.62 min Scan# 2467
Delta R.T.: -0.00 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Tgt Ion: 164 Resp: 798526

Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.0	153.0
129	103.7	81.7	122.5
131	99.4	80.2	120.2





#53

Toluene

Concen: 10.411 ppbv

RT: 9.23 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

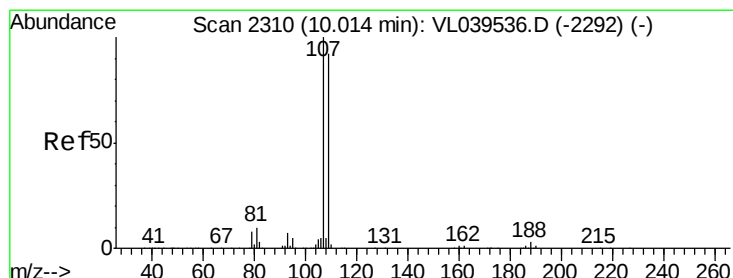
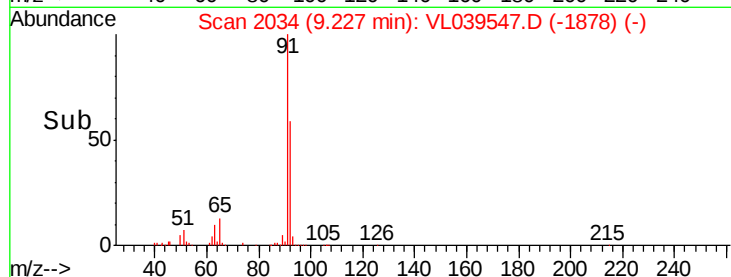
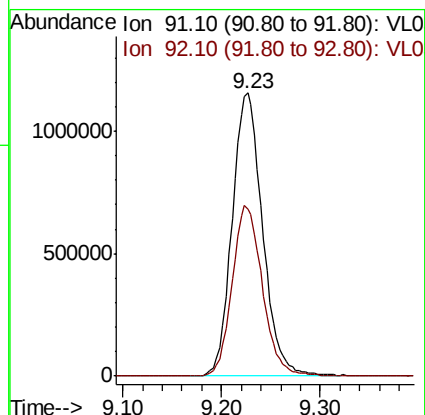
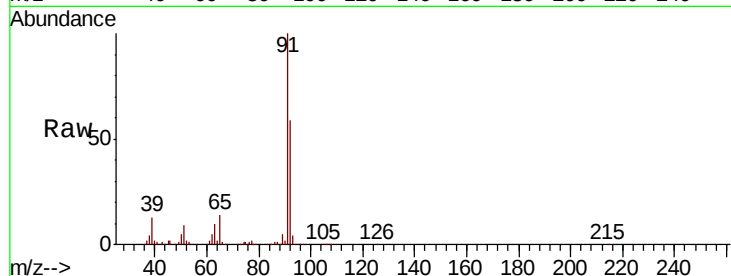
Acq: 17 Aug 2022 13:56 VL0817ABS01

Tot Ion: 91 Resp: 2478360

Ion Ratio Lower Upper

91 100

92 60.0 47.9 71.9



#54

1,2-Dibromoethane

Concen: 10.138 ppbv

RT: 10.01 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VL039547.D

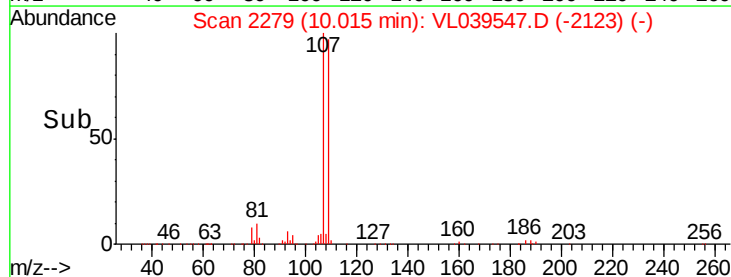
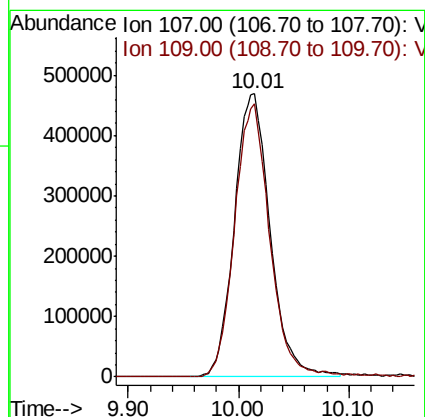
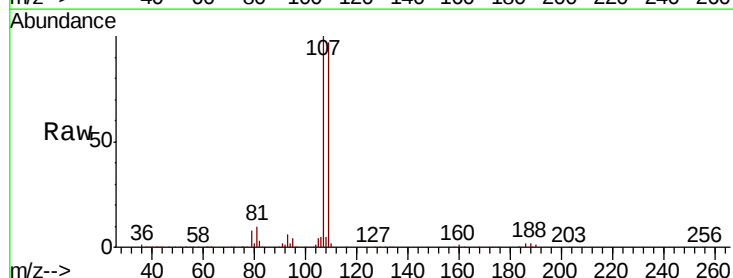
Acq: 17 Aug 2022 13:56

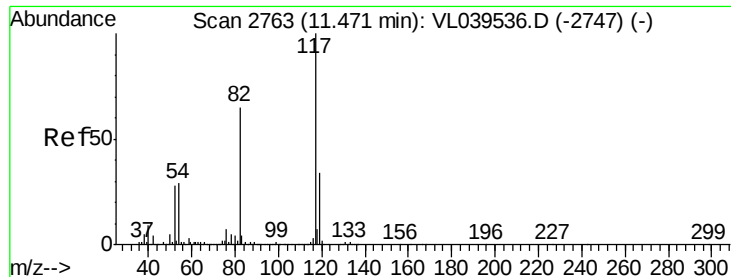
Tgt Ion:107 Resp: 1055350

Ion Ratio Lower Upper

107 100

109 96.6 73.4 110.2

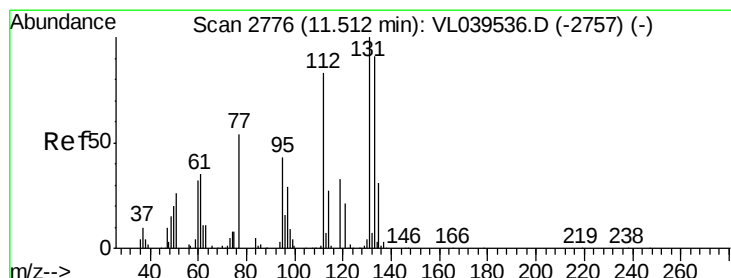
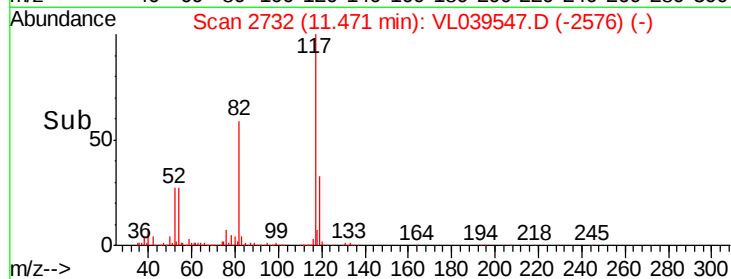
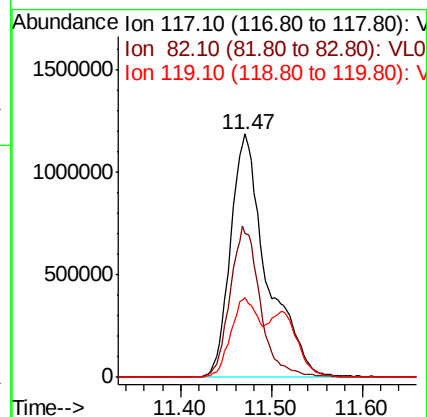
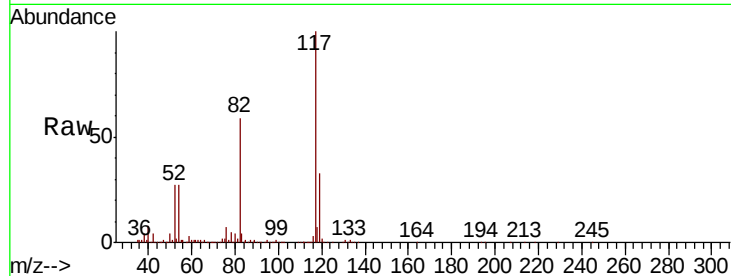




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 11.47 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0817ABS01
 Acq: 17 Aug 2022 13:50

Tot Ion:117 Resp: 3303564

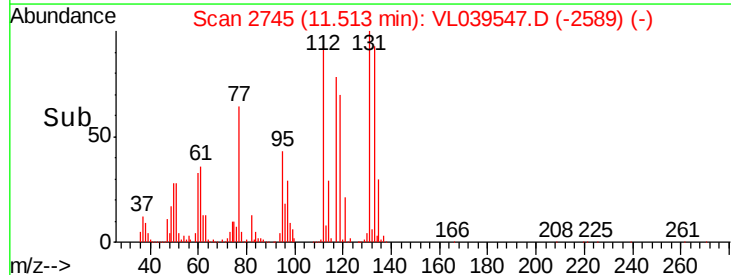
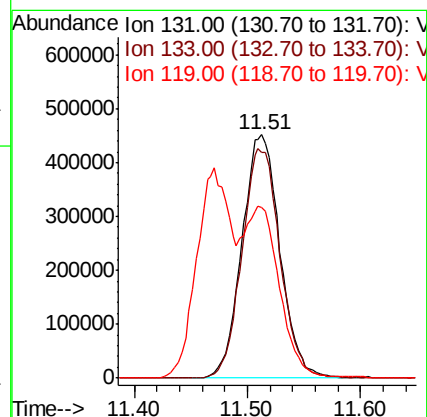
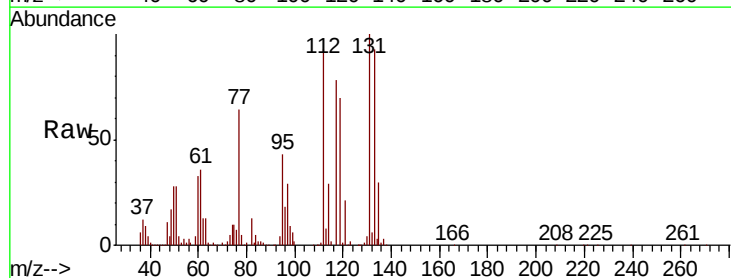
Ion	Ratio	Lower	Upper
117	100		
82	51.5	49.1	73.7
119	26.4	25.9	38.9

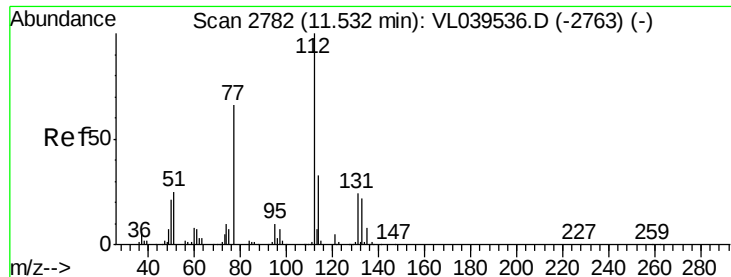


#56
 1,1,1,2-Tetrachloroethane
 Concen: 7.735 ppbv
 RT: 11.51 min Scan# 2745
 Delta R.T.: 0.00 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

Tgt Ion:131 Resp: 1051708

Ion	Ratio	Lower	Upper
131	100		
133	95.0	75.4	113.2
119	63.8	47.4	71.2





#57

Chlorobenzene

Concen: 7.584 ppbv

RT: 11.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 13:56

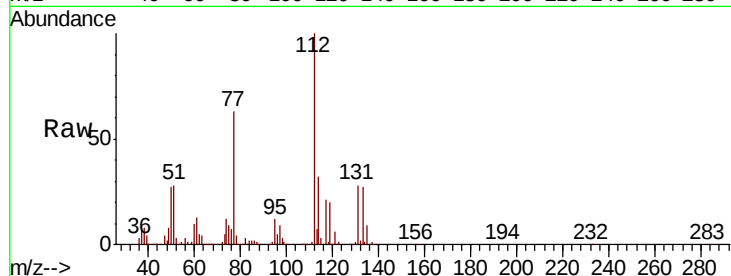
Tot Ion: 112 Resp: 1883659

Ion Ratio Lower Upper

112 100

77 62.5 53.4 80.0

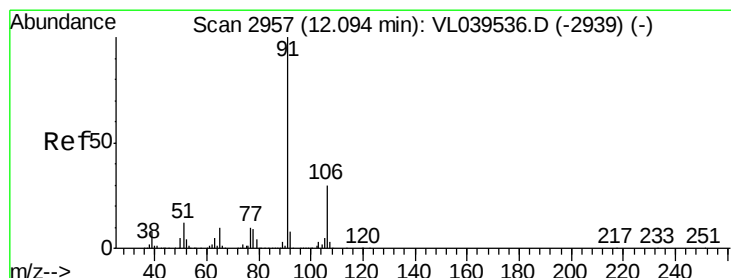
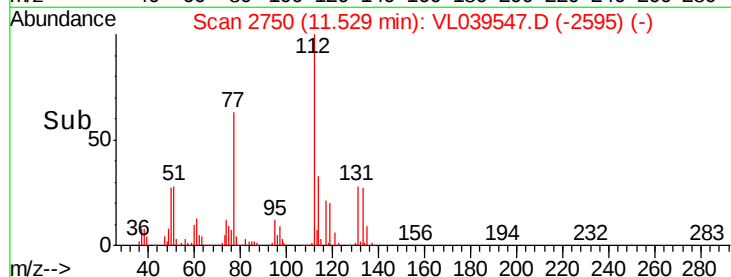
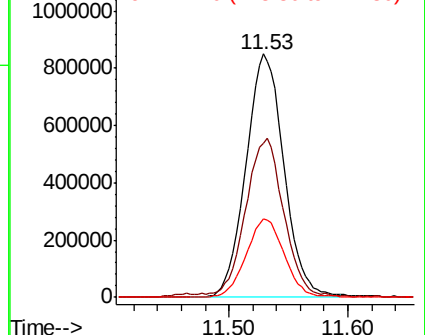
114 32.5 29.5 36.1



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: 8.532 ppbv

RT: 12.09 min Scan# 2926

Delta R.T. 0.00 min

Lab File: VL039547.D

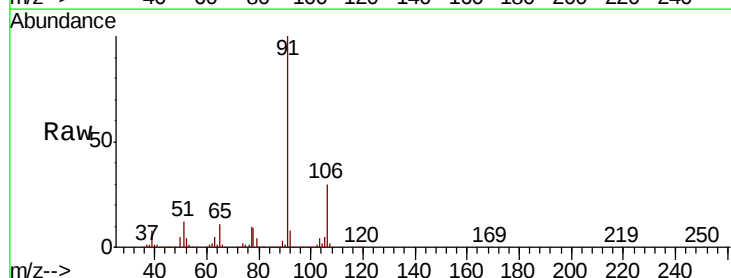
Acq: 17 Aug 2022 13:56

Tgt Ion: 91 Resp: 3263995

Ion Ratio Lower Upper

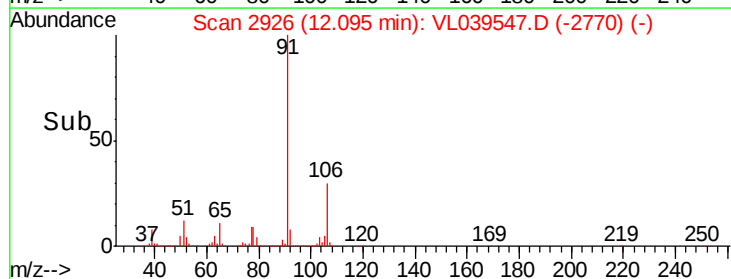
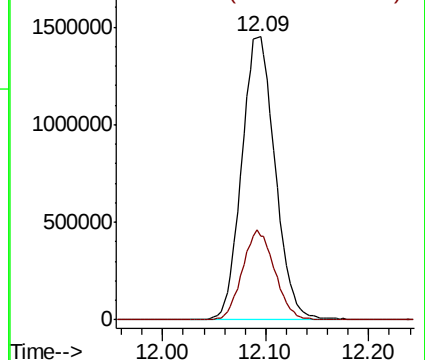
91 100

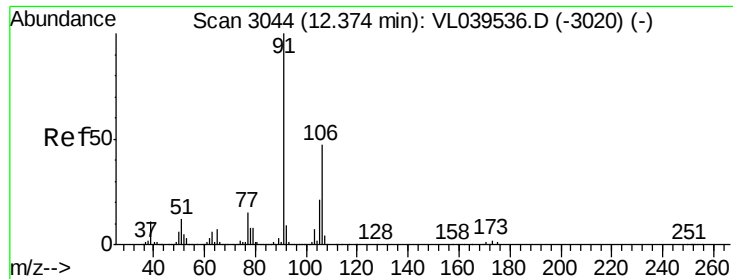
106 29.6 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

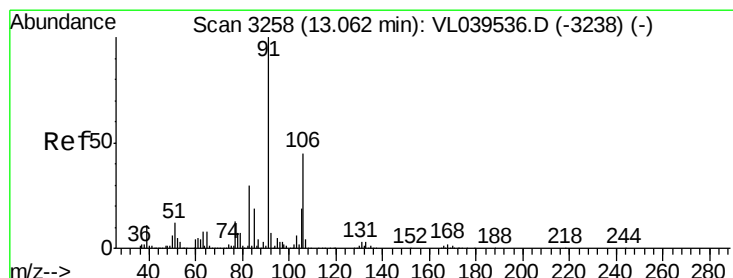
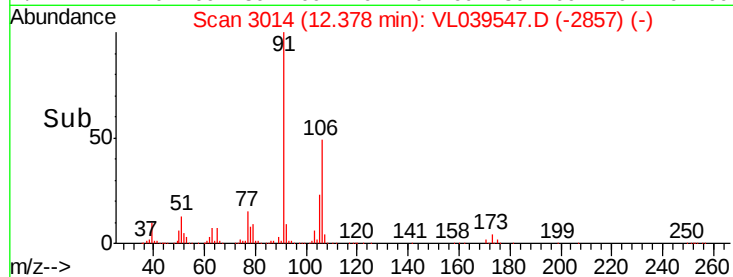
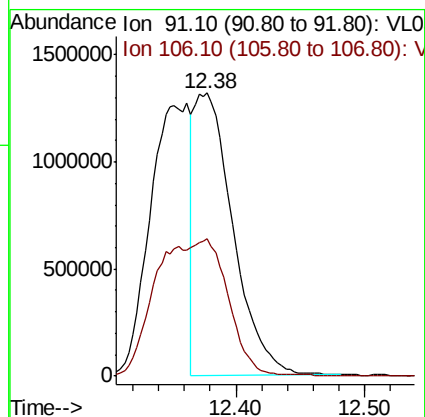
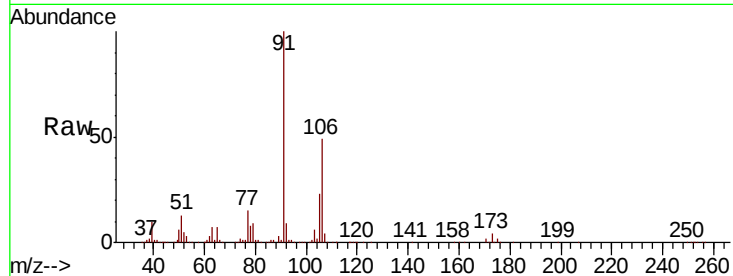
Ion 106.10 (105.80 to 106.80): V





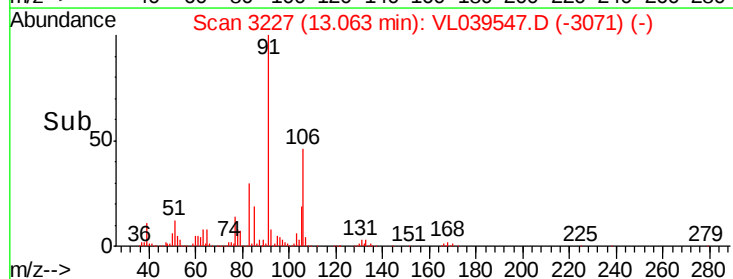
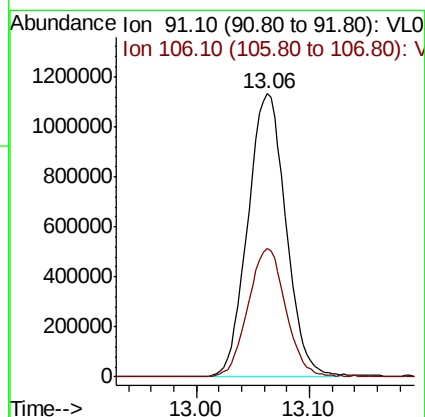
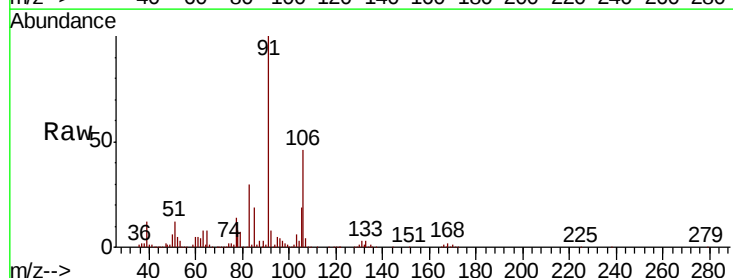
#59
m/p-Xylene
Concen: 7.979 ppbv
RT: 12.38
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0817ABS01
Acq: 17 Aug 2022 13:50

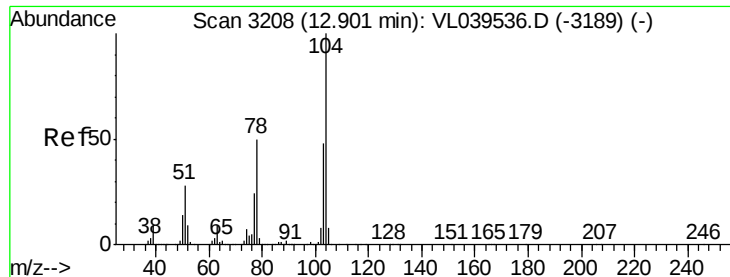
Tot Ion: 91 Resp: 2744477
Ion Ratio Lower Upper
91 100
106 90.6 0.0 0.0#



#60
o-Xylene
Concen: 8.039 ppbv
RT: 13.06 min Scan# 3227
Delta R.T.: 0.00 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

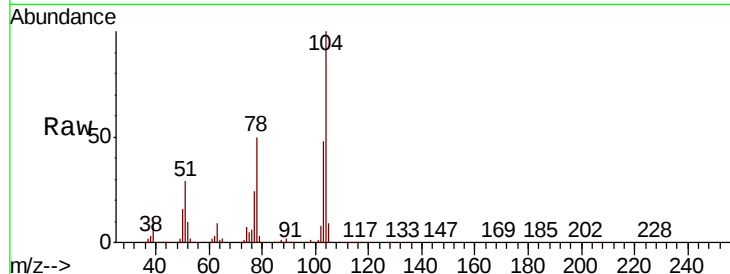
Tgt Ion: 91 Resp: 2650961
Ion Ratio Lower Upper
91 100
106 45.4 22.7 68.0



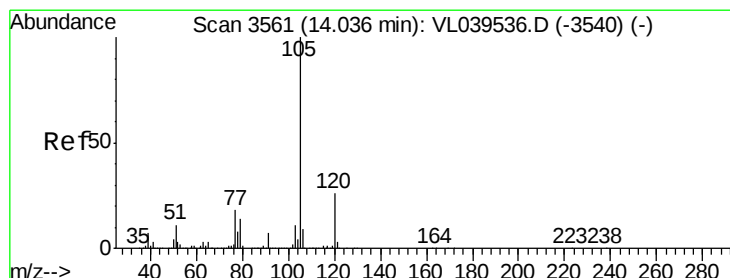
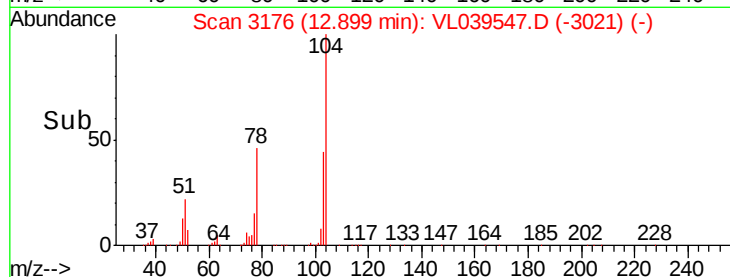
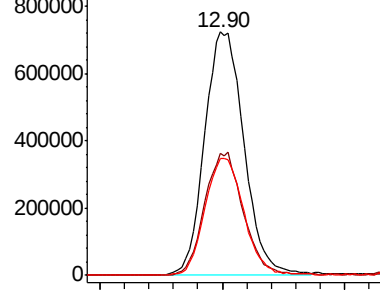


#61
Stvrene
Concen: 9.193 ppbv
RT: 12.90 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0817ABS01
Acq: 17 Aug 2022 13:56

Tot Ion:104 Resp: 1617335
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 47.8 38.2 57.2

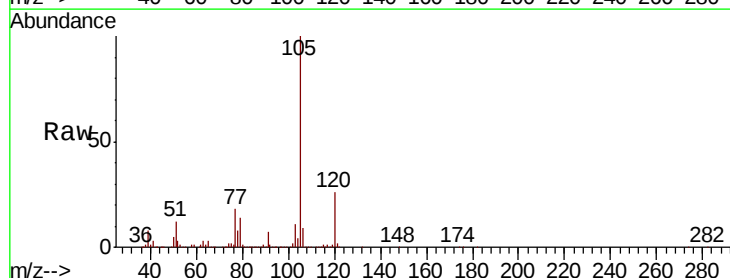


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

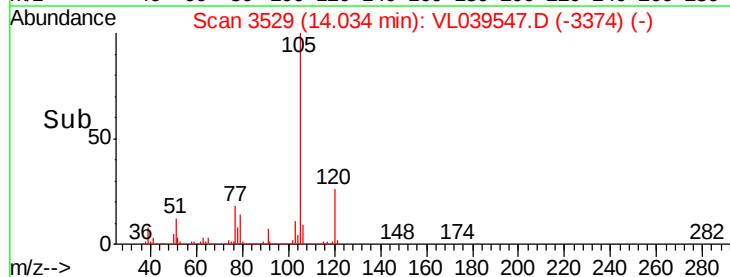
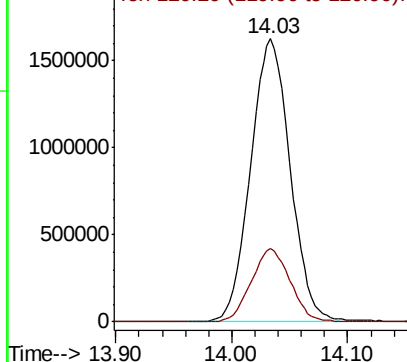


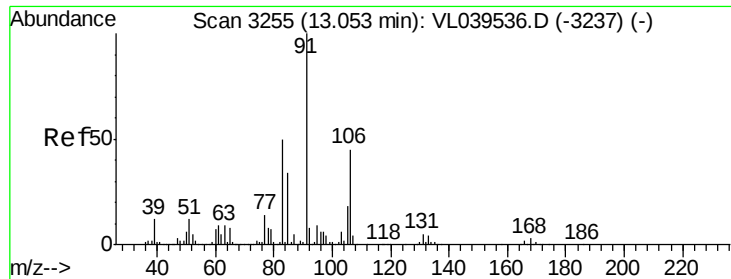
#62
Isopropylbenzene
Concen: 7.729 ppbv
RT: 14.03 min Scan# 3529
Delta R.T.: -0.00 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Tgt Ion:105 Resp: 3857320
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8



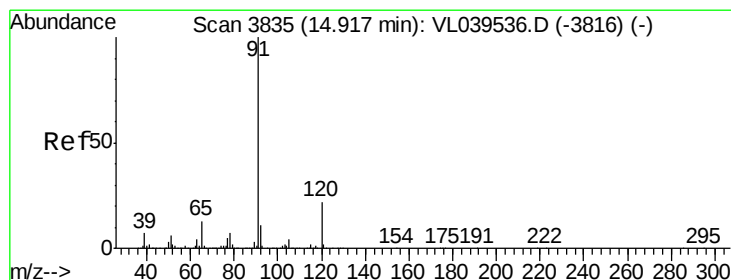
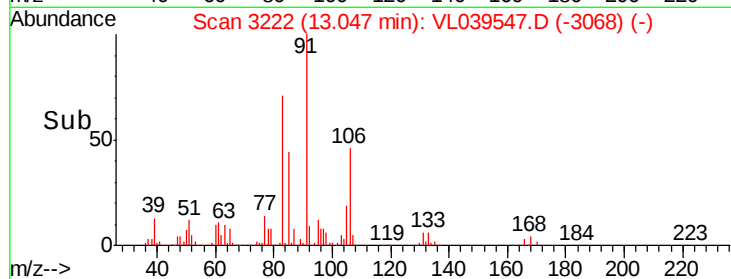
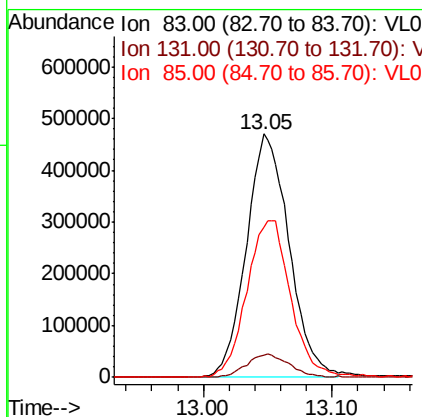
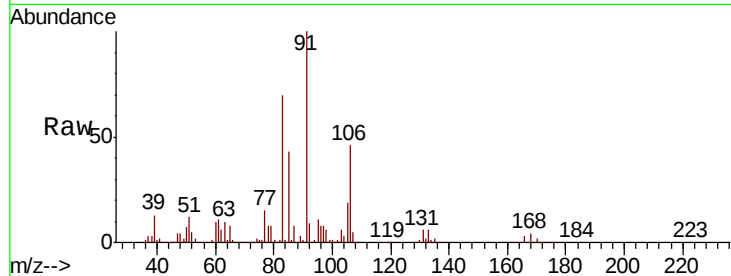
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





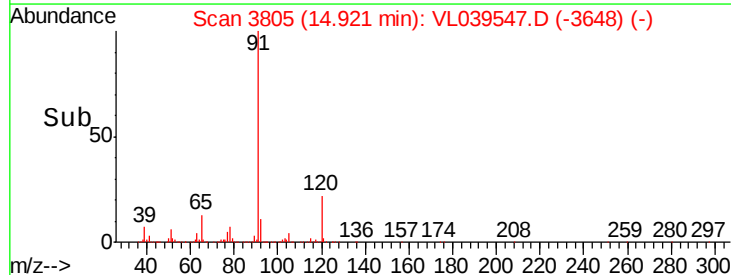
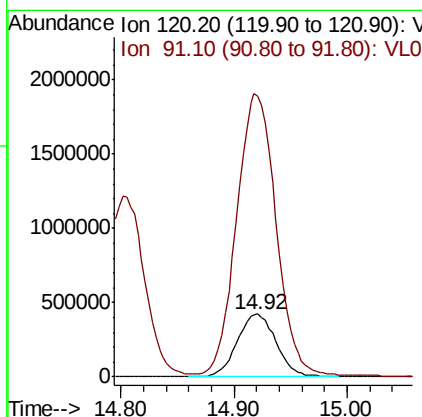
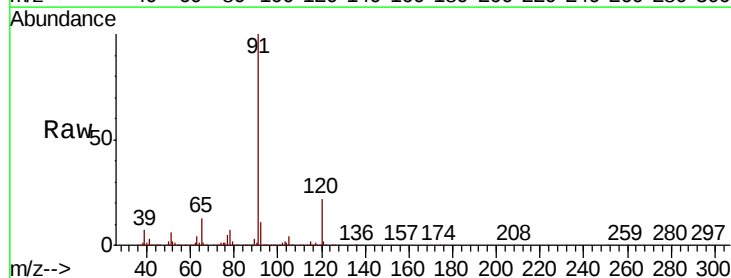
#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.545 ppbv
 RT: 13.05 min
 Delta R.T. 0.00 min
 Lab File: VL0817ABS01
 Acq: 17 Aug 2022 13:50

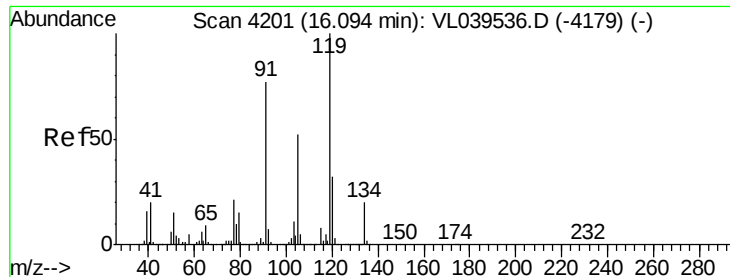
Tot Ion: 83 Resp: 1085366
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.7
 85 66.3 33.2 99.6



#64
 n-propylbenzene
 Concen: 7.794 ppbv
 RT: 14.92 min Scan# 3805
 Delta R.T. 0.00 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

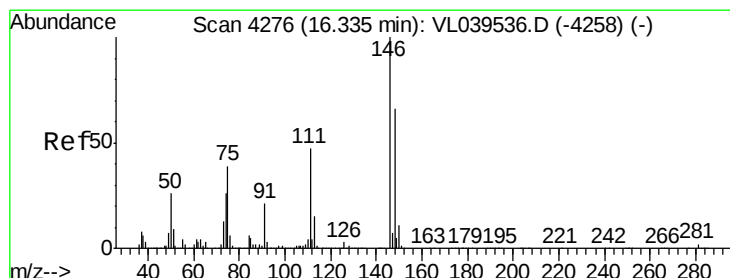
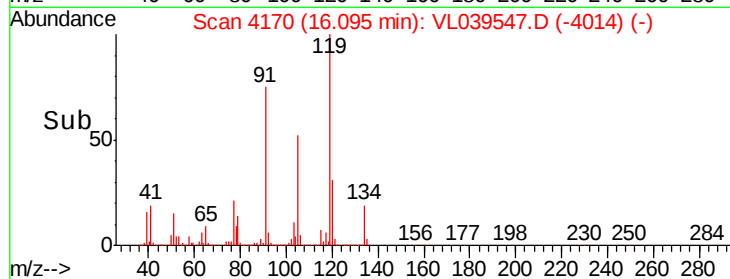
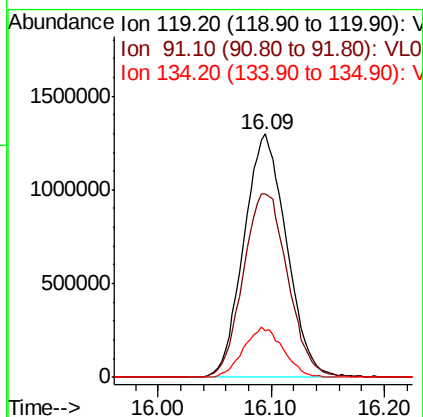
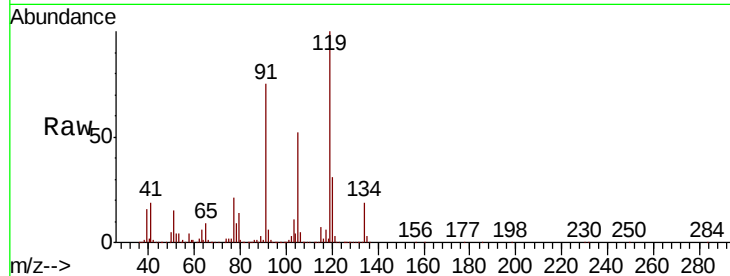
Tgt Ion: 120 Resp: 1014264
 Ion Ratio Lower Upper
 120 100
 91 461.6 372.6 559.0





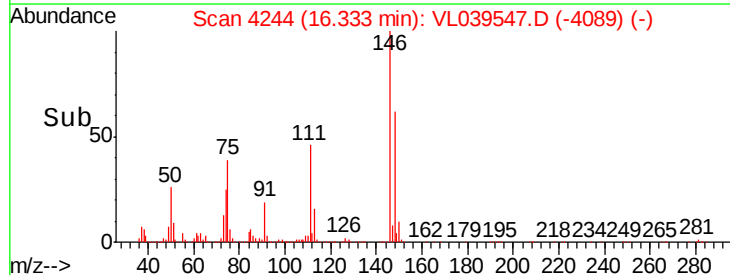
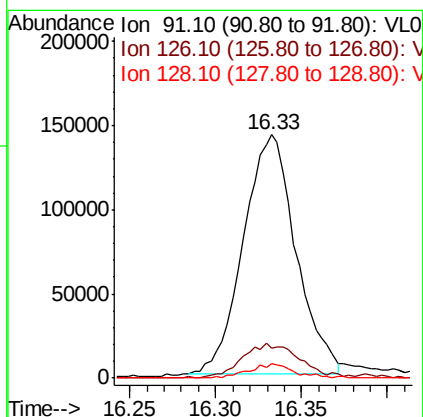
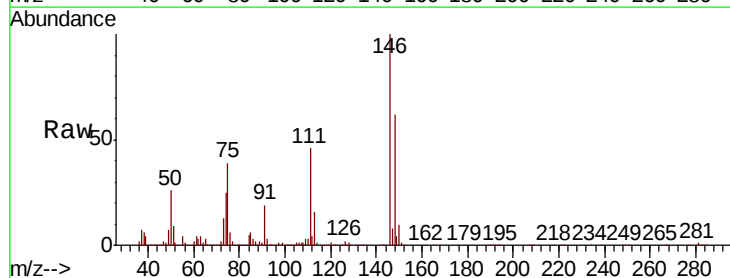
#65
tert-Butylbenzene
Concen: 7.637 ppbv
RT: 16.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0817ABS01
Acq: 17 Aug 2022 13:56

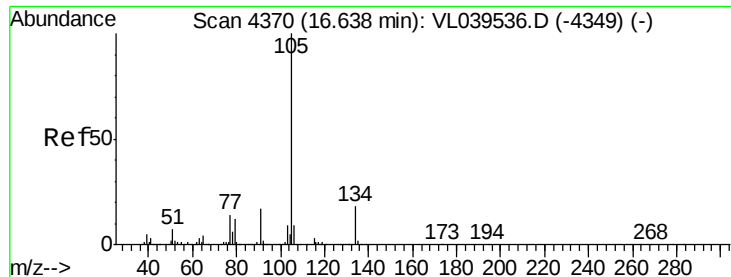
Tot Ion: 119 Resp: 3398316
Ion Ratio Lower Upper
119 100
91 79.1 63.8 95.8
134 19.4 15.4 23.2



#66
Benzyl Chloride
Concen: 7.918 ppbv
RT: 16.33 min Scan# 4244
Delta R.T.: -0.00 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

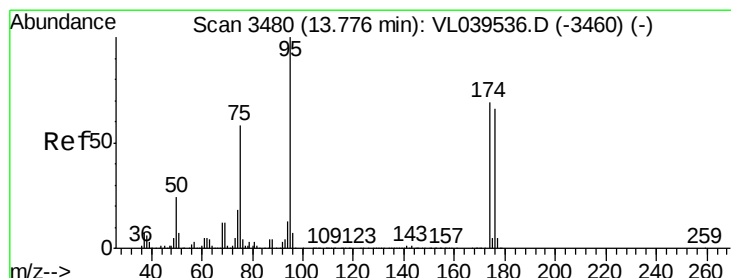
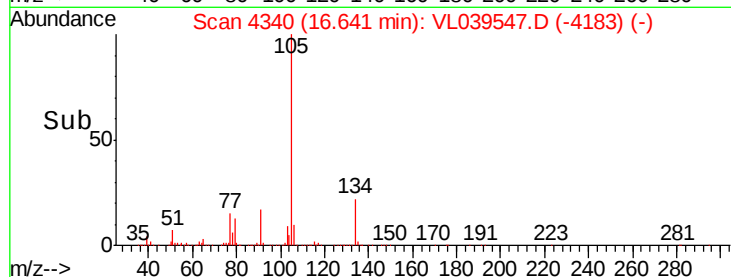
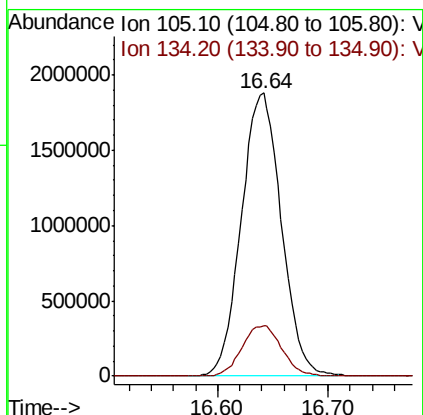
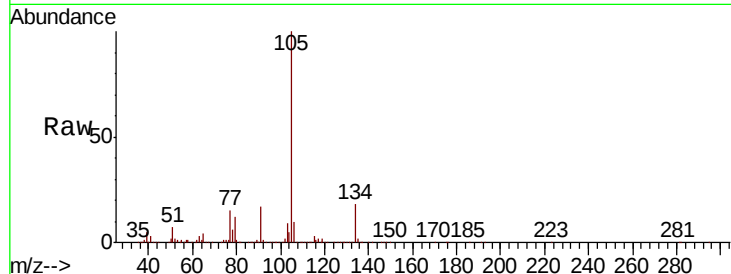
Tgt Ion: 91 Resp: 302303
Ion Ratio Lower Upper
91 100
126 16.9 0.0 0.0#
128 5.3 1.5 2.3#





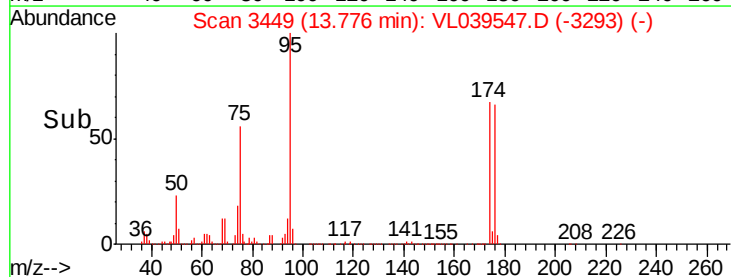
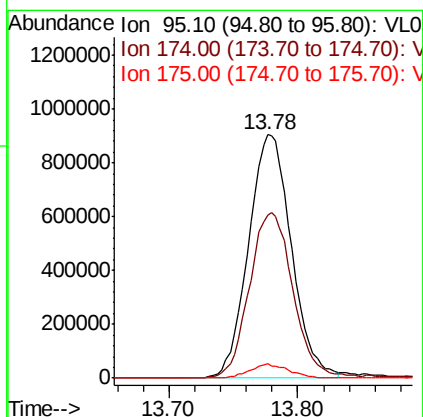
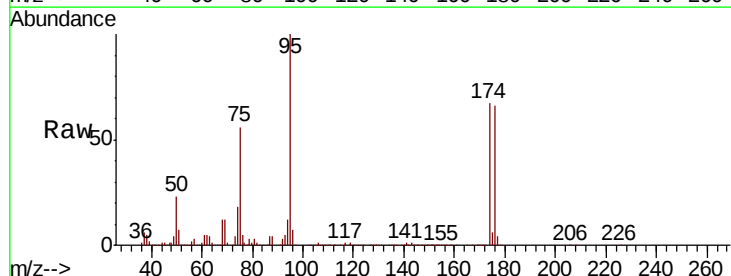
#67
 sec-Butylbenzene
 Concen: 7.500 ppbv
 RT: 16.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0817ABS01
 Acq: 17 Aug 2022 13:56

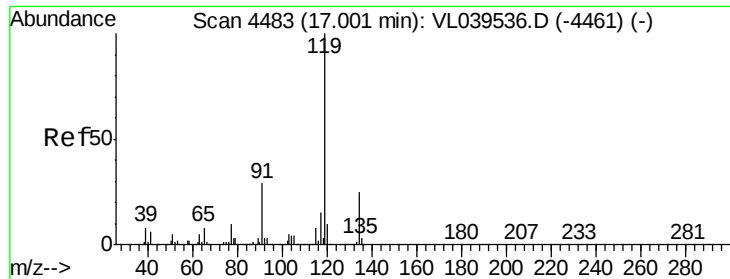
Tot Ion: 105 Resp: 4712424
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.395 ppbv
 RT: 13.78 min Scan# 3449
 Delta R.T. 0.00 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

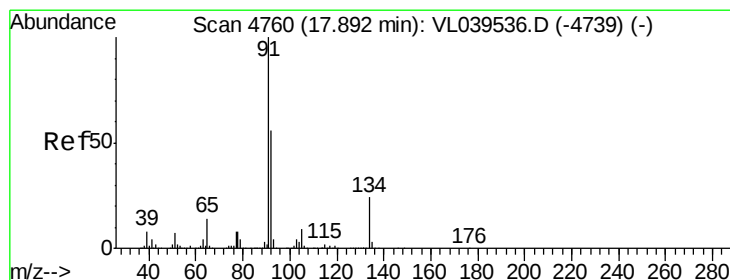
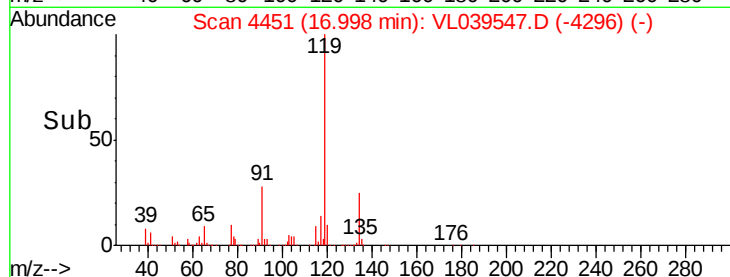
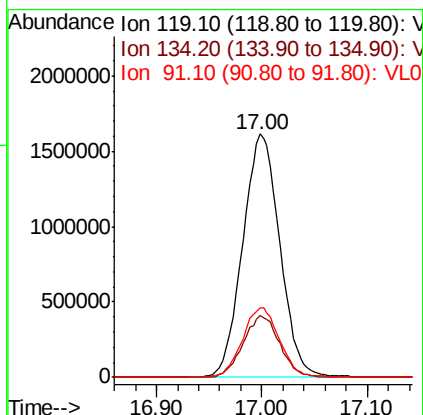
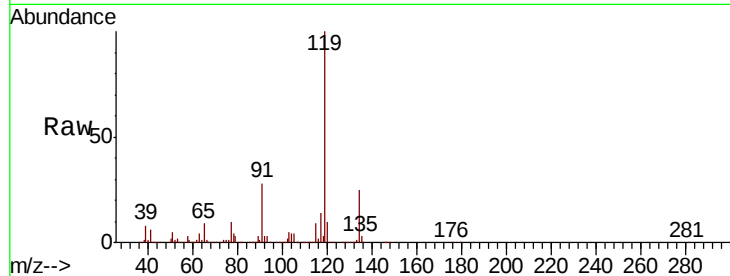
Tgt Ion: 95 Resp: 2087678
 Ion Ratio Lower Upper
 95 100
 174 70.6 56.3 84.5
 175 5.4 4.3 6.5





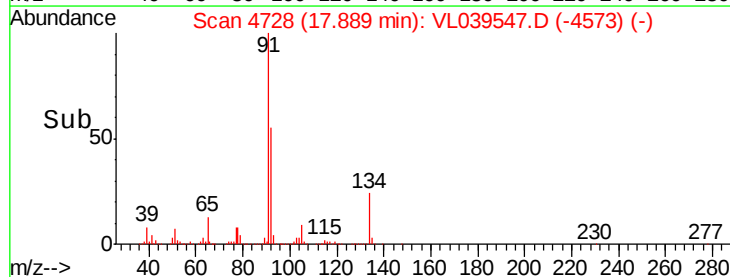
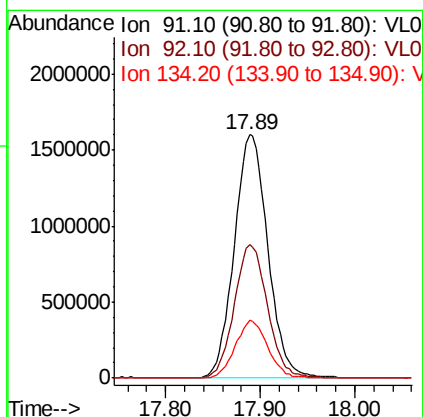
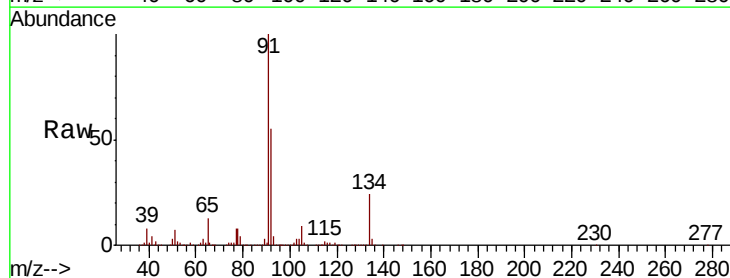
#69
 p-Isopropyltoluene
 Concen: 7.545 ppbv
 RT: 17.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0817ABS01
 Acq: 17 Aug 2022 13:50

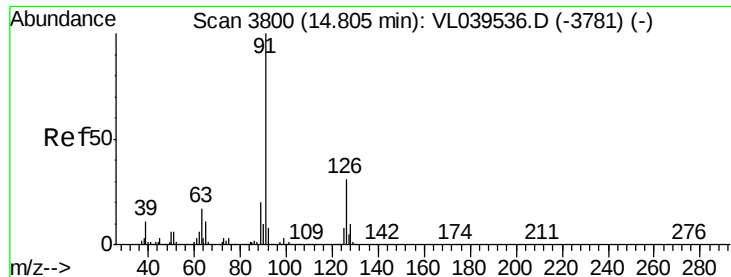
Tot Ion:	119	Resp:	3949521
Ion	Ratio	Lower	Upper
119	100		
134	25.0	19.8	29.6
91	28.5	22.6	33.8



#70
 n-Butylbenzene
 Concen: 7.594 ppbv
 RT: 17.89 min Scan# 4728
 Delta R.T. -0.00 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

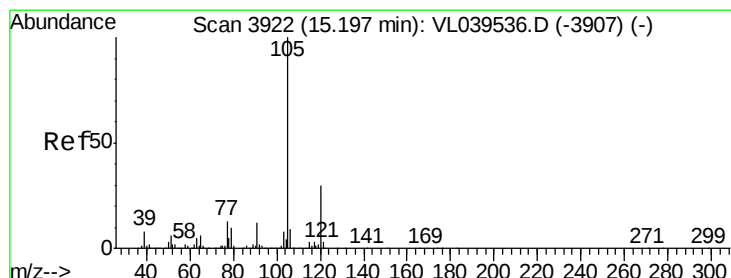
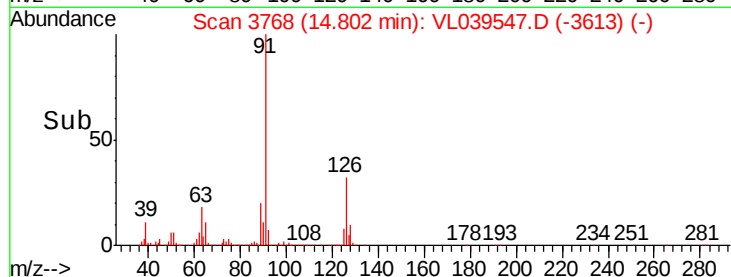
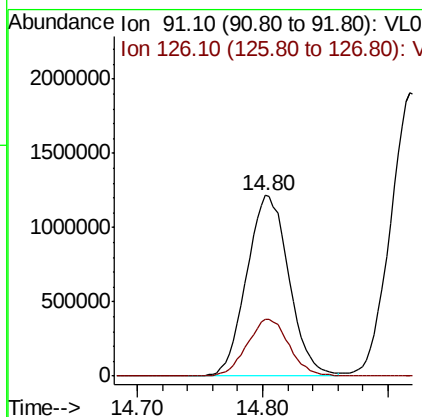
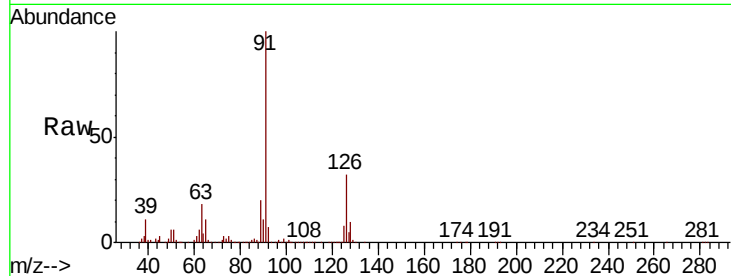
Tgt Ion:	91	Resp:	3946488
Ion	Ratio	Lower	Upper
91	100		
92	54.2	43.0	64.6
134	23.0	18.1	27.1





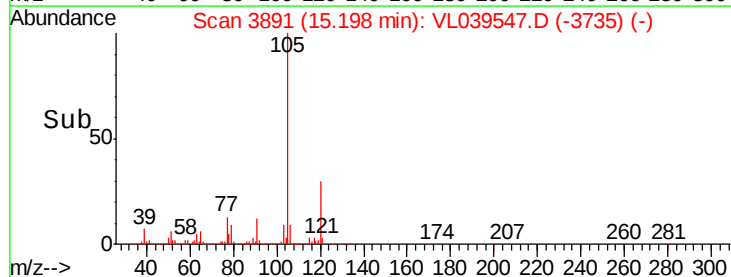
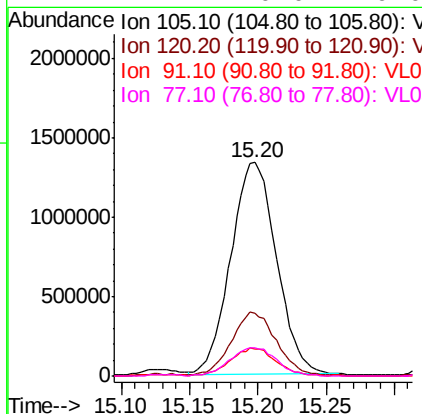
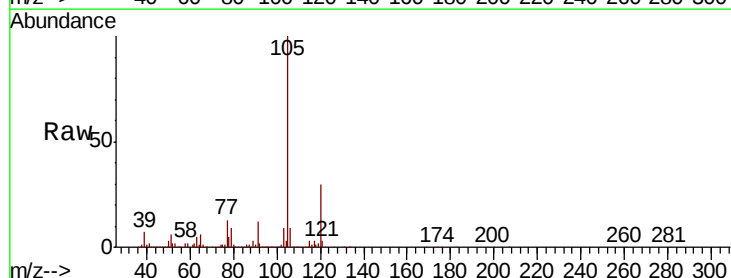
#71
 2-Chlorotoluene
 Concen: 7.893 ppbv
 RT: 14.80 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0817ABS01
 Acq: 17 Aug 2022 13:56

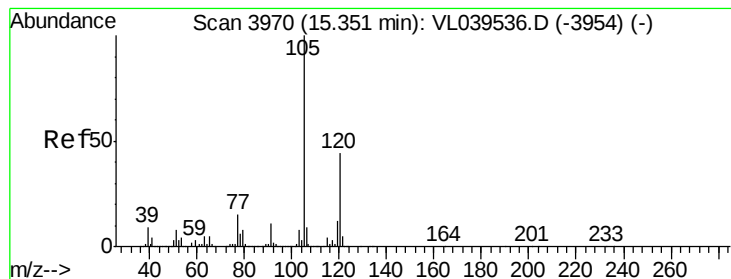
Tot Ion: 91 Resp: 2854375
 Ion Ratio Lower Upper
 91 100
 126 31.6 12.9 51.5



#72
 4-Ethyltoluene
 Concen: 8.018 ppbv
 RT: 15.20 min Scan# 3891
 Delta R.T. 0.00 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

Tgt Ion:105 Resp: 3106707
 Ion Ratio Lower Upper
 105 100
 120 30.0 0.0 0.0#
 91 13.0 0.0 0.0#
 77 14.1 0.0 0.0#





#73

1,3,5-Trimethylbenzene

Concen: 7.877 ppbv

RT: 15.35

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

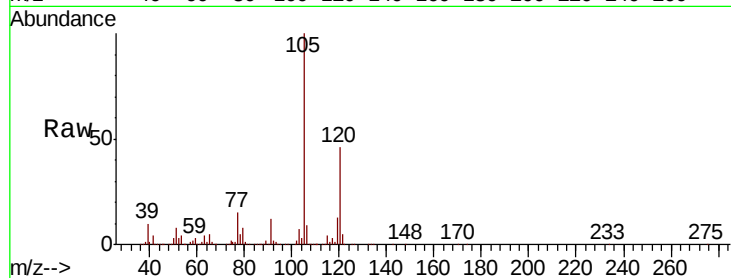
Acq: 17 Aug 2022 13:50

Tot Ion:105 Resp: 2787116

Ion Ratio Lower Upper

105 100

120 45.6 35.4 53.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.35

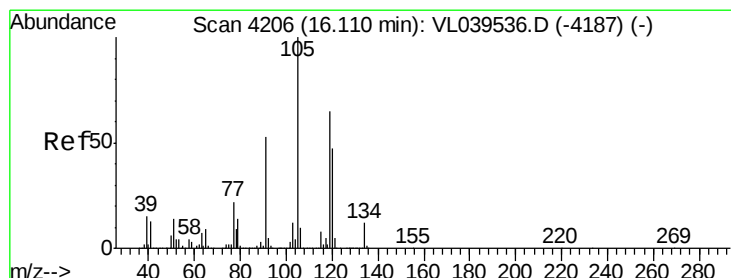
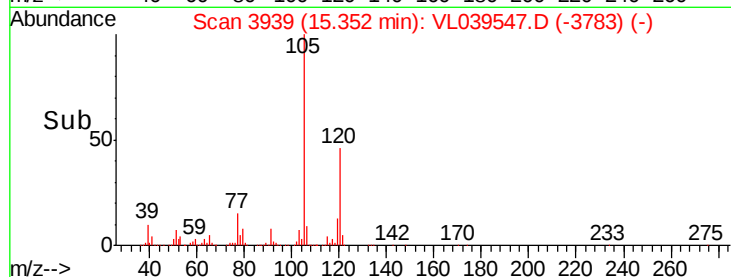
1000000

500000

0

Time-->

15.30 15.40



#74

1,2,4-Trimethylbenzene

Concen: 7.616 ppbv

RT: 16.11 min Scan# 4176

Delta R.T. 0.00 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

Tgt Ion:105 Resp: 3004617

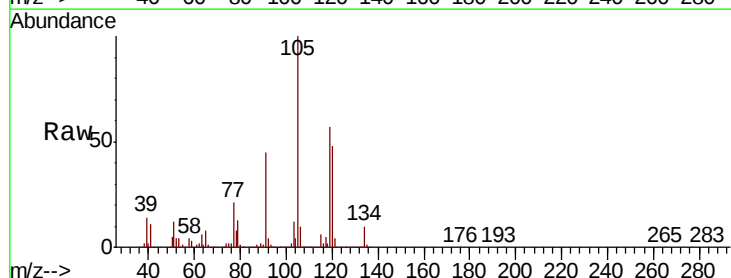
Ion Ratio Lower Upper

105 100

120 47.6 37.8 56.8

91 45.2 43.8 65.6

77 20.5 17.8 26.6



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

1500000

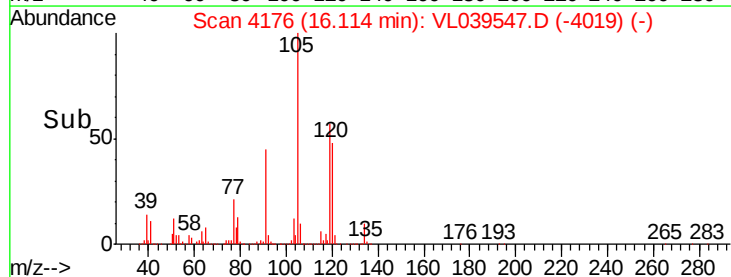
1000000

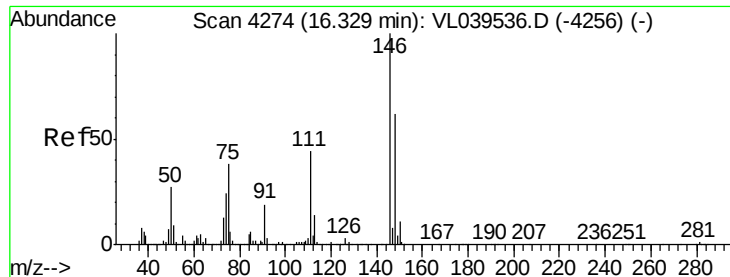
500000

0

Time-->

16.00 16.10 16.20





#75

1,3-Dichlorobenzene

Concen: 7.533 ppbv

RT: 16.34

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 13:50

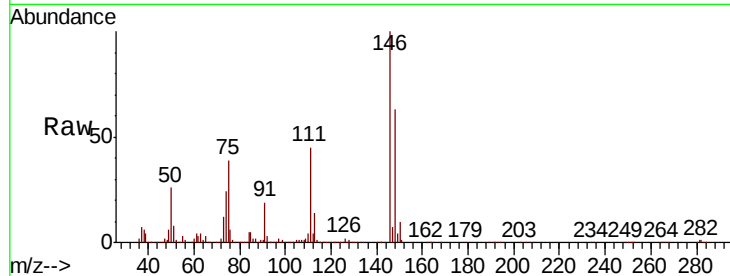
Tot Ion:146 Resp: 1805490

Ion Ratio Lower Upper

146 100

111 45.1 22.9 68.5

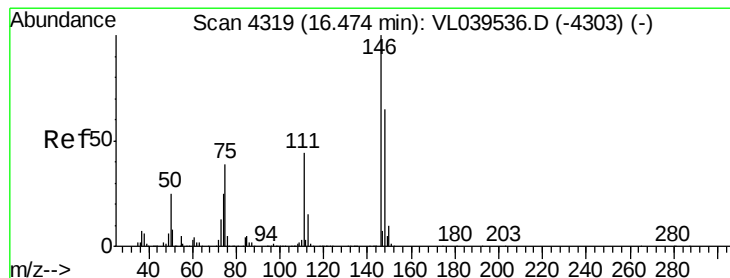
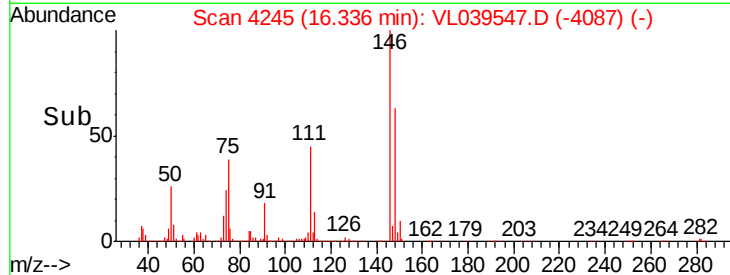
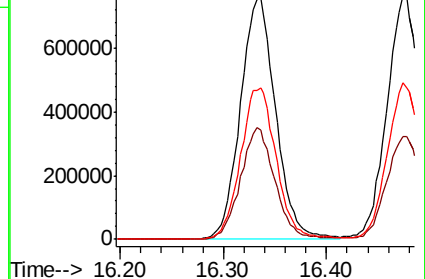
148 63.6 32.4 97.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 7.242 ppbv

RT: 16.47 min Scan# 4288

Delta R.T. 0.00 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

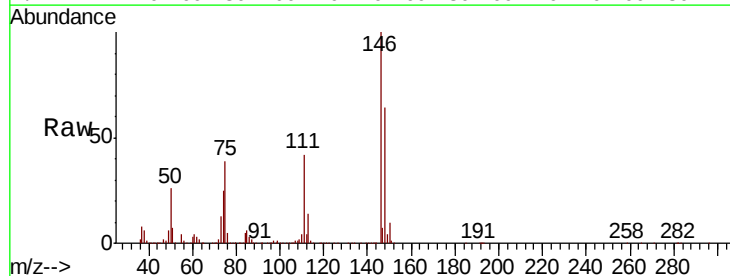
Tgt Ion:146 Resp: 1738265

Ion Ratio Lower Upper

146 100

111 45.2 22.3 66.8

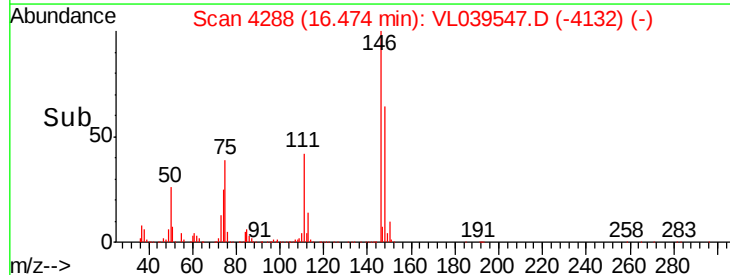
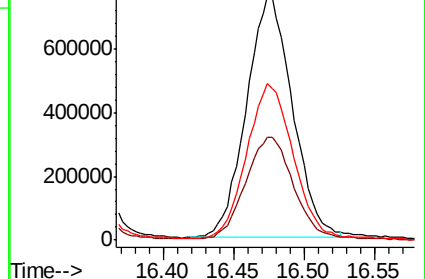
148 66.8 31.5 94.5

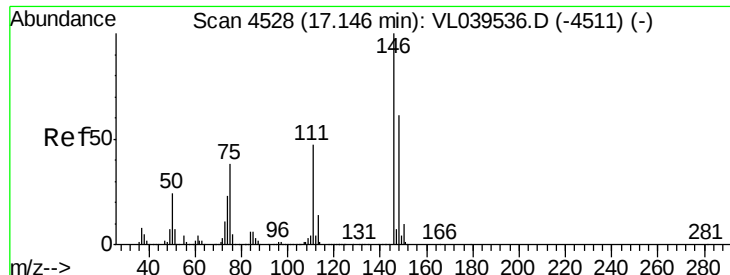


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

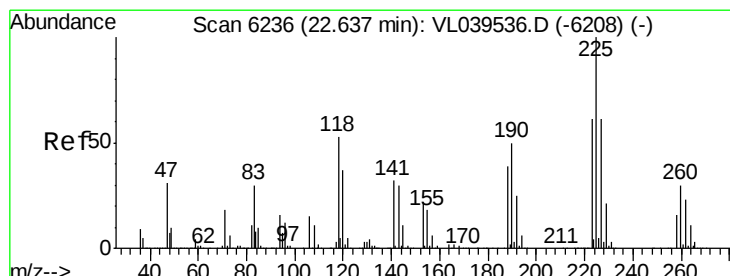
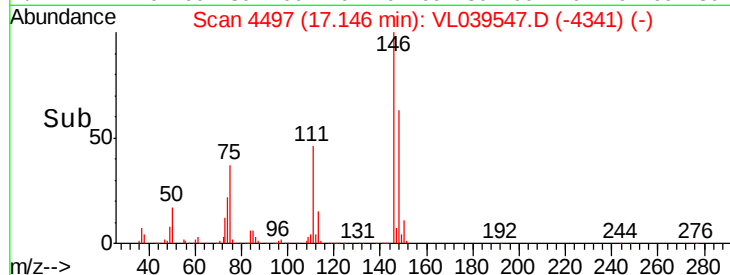
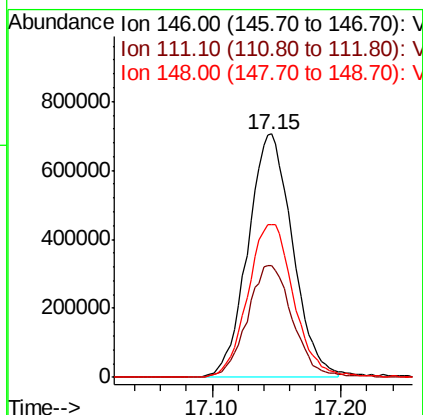
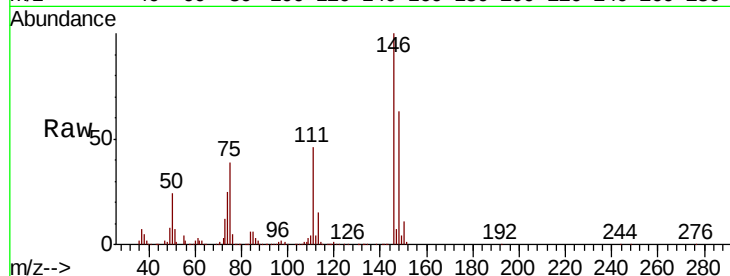
Ion 148.00 (147.70 to 148.70): V





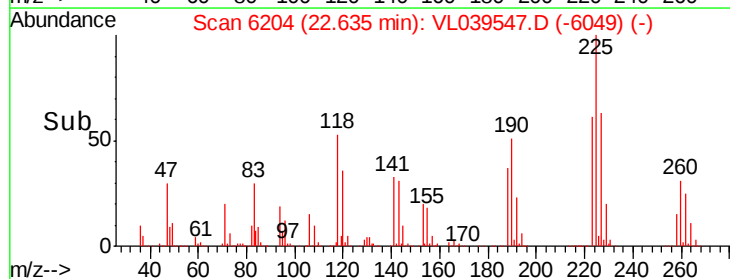
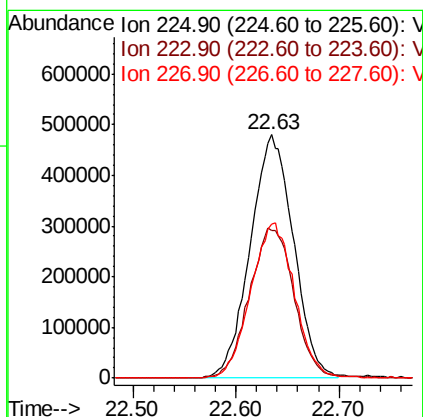
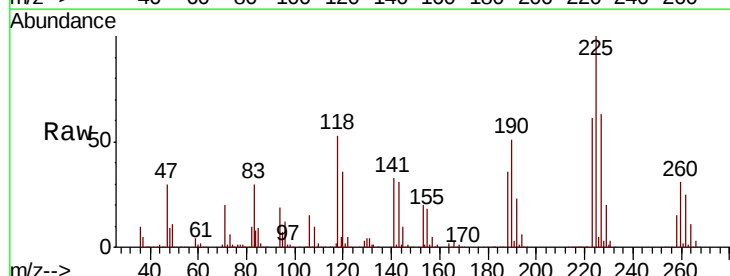
#77
 1,2-Dichlorobenzene
 Concen: 7.204 ppbv
 RT: 17.15 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VL0817ABS01
 Acq: 17 Aug 2022 13:50

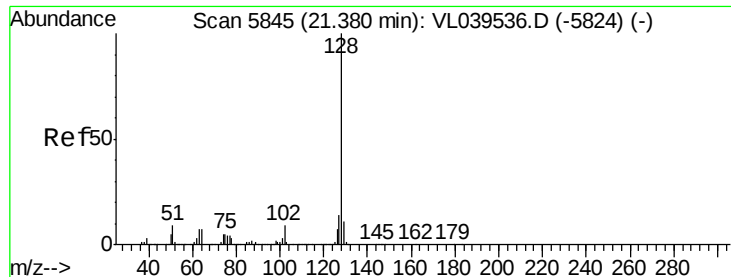
Tot Ion:146 Resp: 1691734
 Ion Ratio Lower Upper
 146 100
 111 46.7 23.9 71.8
 148 65.1 32.6 97.7



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.482 ppbv
 RT: 22.63 min Scan# 6204
 Delta R.T. -0.00 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

Tgt Ion:225 Resp: 1395775
 Ion Ratio Lower Upper
 225 100
 223 64.1 0.0 0.0#
 227 64.8 0.0 0.0#





#79

Naphthalene

Concen: 10.432 ppbv

RT: 21.38 min

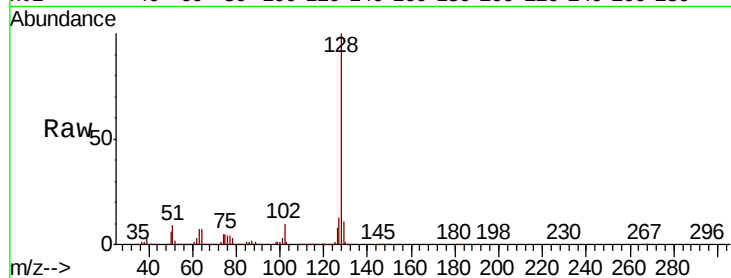
Delta R.T. 0.00 min

Lab File: VL0817ABS01

Acq: 17 Aug 2022 13:56

Tot Ion:128 Resp: 2930566

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.8	16.2
129	10.9	9.1	13.7

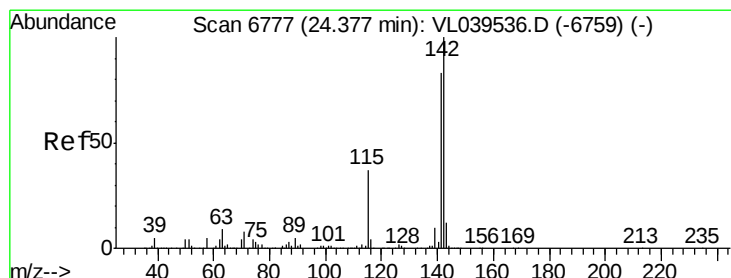
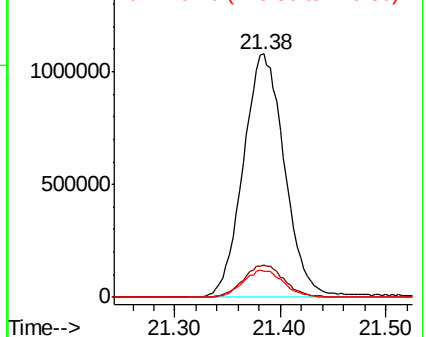
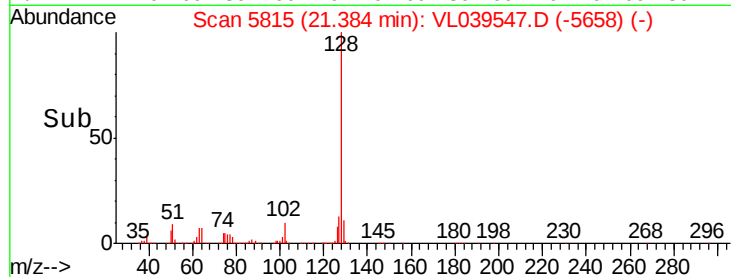


Abundance

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: 11.759 ppbv

RT: 24.38 min Scan# 6747

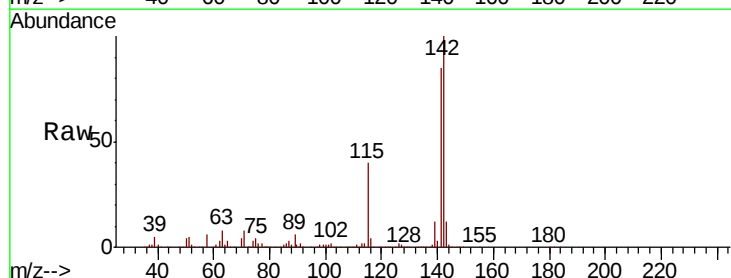
Delta R.T. 0.00 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

Tgt Ion:142 Resp: 1305396

Ion	Ratio	Lower	Upper
142	100		
141	84.6	0.0	0.0#
115	37.8	0.0	0.0#

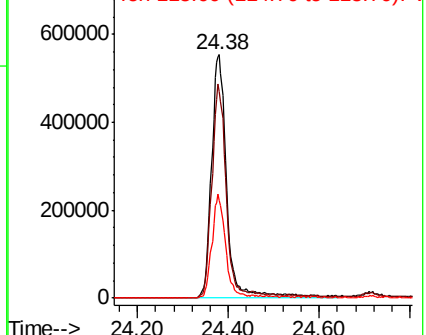
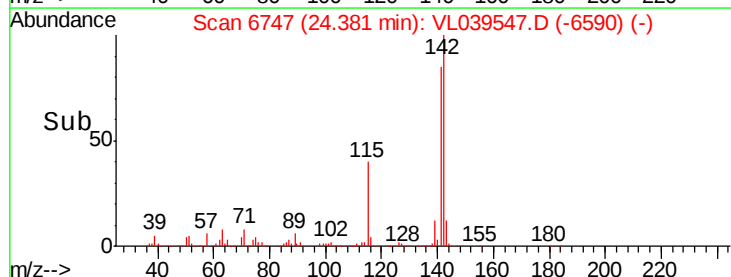


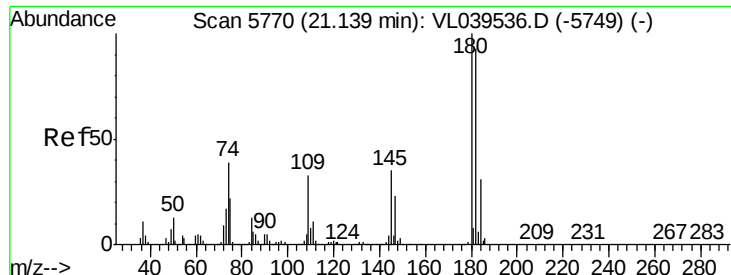
Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

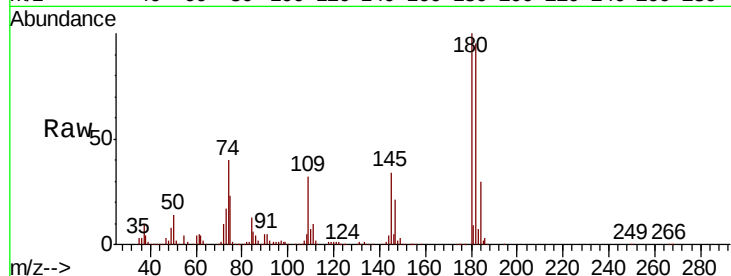
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 8.670 ppbv
 RT: 21.14
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId : VL0817ABS01
 Acq: 17 Aug 2022 13:30

Tot Ion:180 Resp: 1623451
 Ion Ratio Lower Upper
 180 100
 182 96.7 0.0 0.0#
 184 30.8 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

