

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081722\
 Data File : VL039556.D
 Acq On : 17 Aug 2022 20:15
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Aug 18 05:37:59 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	5.21	49	1036520	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2774994	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	3349995	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	2089606	8.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.75	85	1052674	7.556 ppbv	97
3) Chlorodifluoromethane	2.70	51	1115367	8.978 ppbv	99
4) Chloromethane	2.84	50	581202	7.824 ppbv	96
5) Vinyl Chloride	2.94	62	571267	8.919 ppbv	96
6) Bromomethane	3.14	94	217568	8.296 ppbv	88
7) Chloroethane	3.22	64	197235	8.649 ppbv	96
8) Dichlorotetrafluoroethane	2.88	85	1319618	8.821 ppbv	100
9) Propene	2.72	41	505755	8.937 ppbv	99
10) Heptane	7.59	43	1306525	9.939 ppbv	99
11) Trichlorofluoromethane	3.58	101	1359367	8.883 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.09	101	1034774	9.153 ppbv	96
13) Ethanol	3.26	45	30871	7.580 ppbv	99
14) Bromoethene	3.39	108	409934	8.874 ppbv	98
15) Acetone	3.49	43	1084788	9.264 ppbv	99
16) 1,3-Butadiene	3.01	39	561955	9.240 ppbv	100
17) tert-Butyl alcohol	3.90	59	990109	9.901 ppbv	100
18) 1,1-Dichloroethene	3.90	96	448569	8.801 ppbv	93
19) Isopropyl Alcohol	3.59	45	530323	9.266 ppbv	# 100
20) Methylene Chloride	3.95	84	371282	7.787 ppbv	99
21) Allyl Chloride	4.02	41	678874	8.922 ppbv	99
22) trans-1,2-Dichloroethene	4.46	96	428866	8.469 ppbv	98
23) Vinyl Acetate	4.64	43	393814	6.689 ppbv	# 96
24) 1,1-Dichloroethane	4.58	63	934542	9.019 ppbv	99
25) Ethyl Acetate	5.22	43	2567491	10.283 ppbv	99
26) Hexane	5.23	57	940857	9.189 ppbv	89
27) Carbon Disulfide	4.14	76	1044326	9.560 ppbv	99
28) Methyl tert-Butyl Ether	4.61	73	780727	8.672 ppbv	100
29) Chloroform	5.29	83	1461402	9.119 ppbv	96
30) Cyclohexane	6.61	84	804596	9.463 ppbv	# 100
31) cis-1,2-Dichloroethene	5.10	61	905311	9.144 ppbv	98
32) 1,1,1-Trichloroethane	6.01	97	1399500	9.311 ppbv	99
34) 2-Butanone	4.80	43	1333520	9.559 ppbv	99
35) Carbon Tetrachloride	6.50	117	1474216	9.443 ppbv	100
36) Benzene	6.38	78	2008447	9.496 ppbv	99
37) 1,2-Dichloroethane	5.82	62	1070669	9.112 ppbv	100
38) Trichloroethene	7.30	130	877814	7.640 ppbv	96
39) 1,2-Dichloropropane	7.09	63	766652	9.672 ppbv	99
40) 1,4-Dioxane	7.30	88	176385	5.609 ppbv	# 1
41) Tetrahydrofuran	5.57	42	823879	10.038 ppbv	98
42) Bromodichloromethane	7.26	83	1550410	9.655 ppbv	98
43) Methyl Methacrylate	7.49	69	832333	10.869 ppbv	100

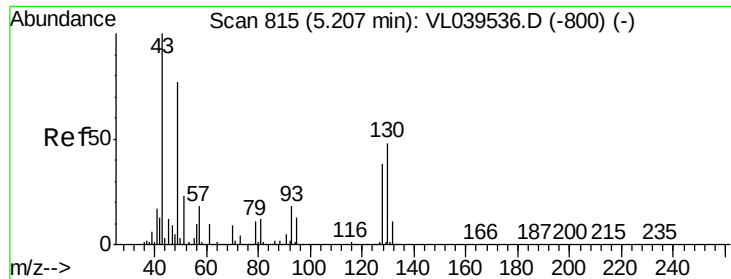
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081722\
 Data File : VL039556.D
 Acq On : 17 Aug 2022 20:15
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Instrument :
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 VSTDCCC010EC

Quant Time: Aug 18 05:37:59 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	7.34	57	3372511	9.465	ppbv	100
45) t-1,3-Dichloropropene	8.72	75	534809	7.941	ppbv	99
46) cis-1,3-Dichloropropene	8.15	75	826363	8.917	ppbv	98
47) 1,1,2-Trichloroethane	8.91	97	844003	9.292	ppbv	98
48) Dibromochloromethane	9.72	129	1375682	10.187	ppbv	98
49) Bromoform	12.41	173	1177202	10.537	ppbv #	100
50) 4-Methyl-2-Pentanone	8.19	43	2183694	10.173	ppbv	100
51) 2-Hexanone	9.56	43	1680275	10.620	ppbv	100
52) Tetrachloroethene	10.62	164	779554	9.410	ppbv	97
53) Toluene	9.23	91	2380836	10.047	ppbv	100
54) 1,2-Dibromoethane	10.02	107	1098222	10.599	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.52	131	1064457	7.720	ppbv	94
57) Chlorobenzene	11.54	112	1820058	7.226	ppbv	99
58) Ethyl Benzene	12.10	91	3203056	8.257	ppbv	100
59) m/p-Xylene	12.38	91	2570519	7.370	ppbv #	100
60) o-Xylene	13.07	91	2638196	7.889	ppbv	100
61) Styrene	12.91	104	1536891	8.615	ppbv	100
62) Isopropylbenzene	14.04	105	4077194	8.057	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.05	83	1694533	10.077	ppbv	99
64) n-propylbenzene	14.92	120	1073626	8.136	ppbv	100
65) tert-Butylbenzene	16.10	119	3681108	8.158	ppbv	100
66) Benzyl Chloride	16.34	91	183453	4.738	ppbv #	92
67) sec-Butylbenzene	16.64	105	5165563	8.107	ppbv	100
69) p-Isopropyltoluene	17.00	119	4383173	8.257	ppbv	99
70) n-Butylbenzene	17.90	91	4460443	8.464	ppbv	99
71) 2-Chlorotoluene	14.81	91	3038315	8.285	ppbv	100
72) 4-Ethyltoluene	15.20	105	3210017	8.170	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.36	105	2897412	8.075	ppbv	97
74) 1,2,4-Trimethylbenzene	16.12	105	3123958	7.808	ppbv	95
75) 1,3-Dichlorobenzene	16.34	146	1891625	7.783	ppbv	100
76) 1,4-Dichlorobenzene	16.48	146	1813676	7.452	ppbv	96
77) 1,2-Dichlorobenzene	17.15	146	1854587	7.788	ppbv	99
78) Hexachloro-1,3-Butadiene	22.64	225	1418446	7.498	ppbv #	100
79) Naphthalene	21.39	128	2732722	9.593	ppbv	100
80) Naphthalene, 2-methyl-	24.38	142	825451	7.333	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.15	180	1560056	8.216	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.21 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 20:15 VSTDCCC010EC

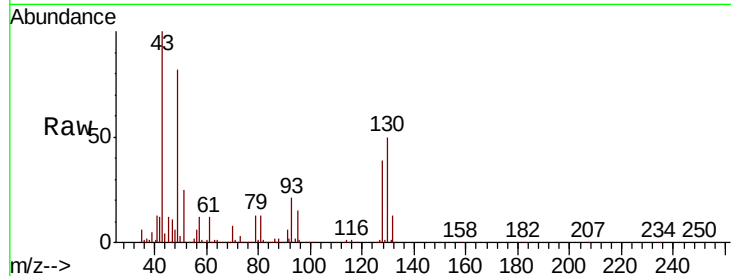
Tot Ion: 49 Resp: 1036520

Ion Ratio Lower Upper

49 100

128 50.1 25.7 77.0

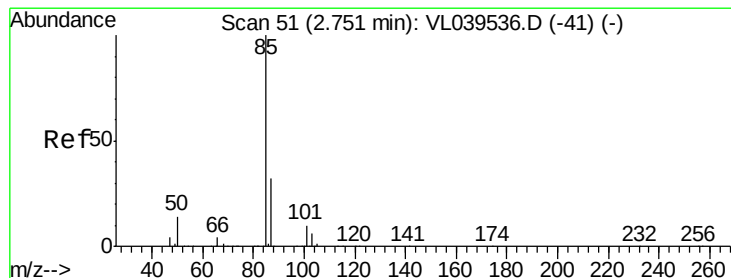
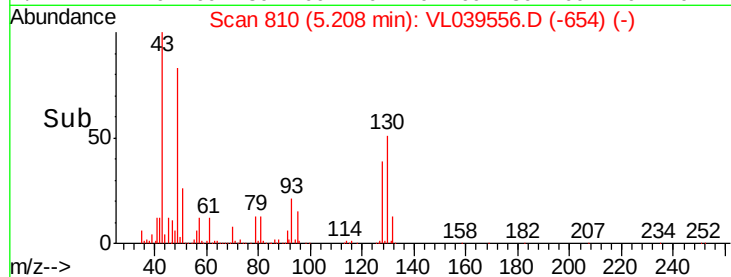
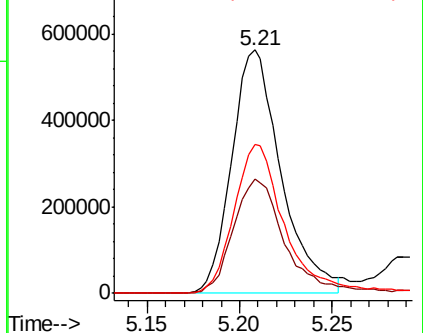
130 65.0 31.6 95.0



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: 7.556 ppbv

RT: 2.75 min Scan# 46

Delta R.T. 0.00 min

Lab File: VL039556.D

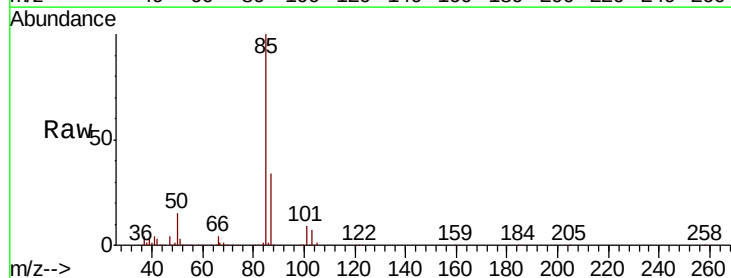
Acq: 17 Aug 2022 20:15

Tgt Ion: 85 Resp: 1052674

Ion Ratio Lower Upper

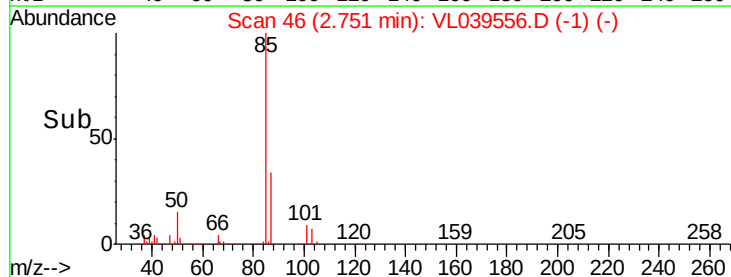
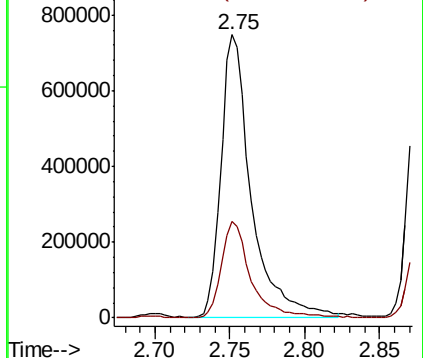
85 100

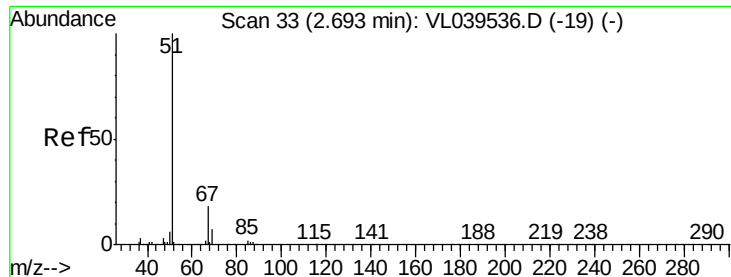
87 34.2 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.978 ppbv

RT: 2.70 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

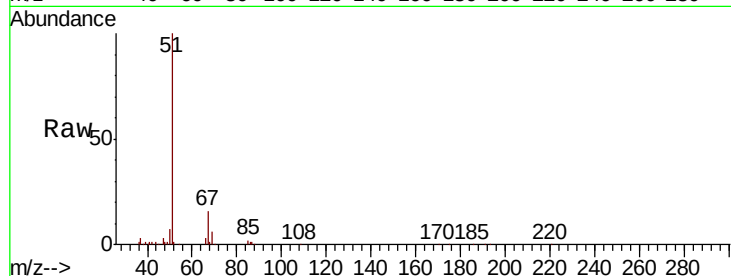
Acq: 17 Aug 2022 20:15 VSTDCCC010EC

Tot Ion: 51 Resp: 1115367

Ion Ratio Lower Upper

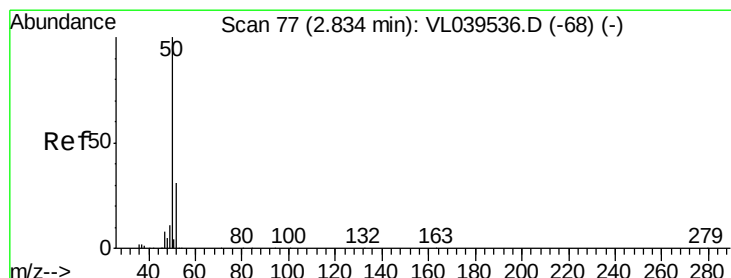
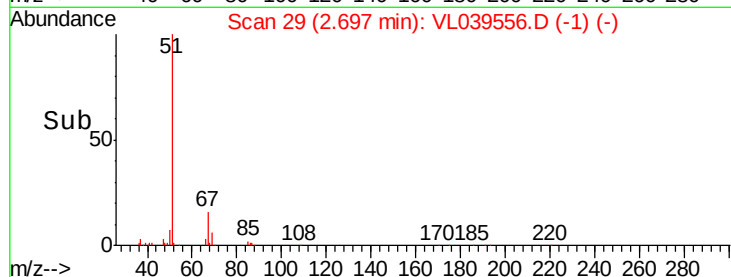
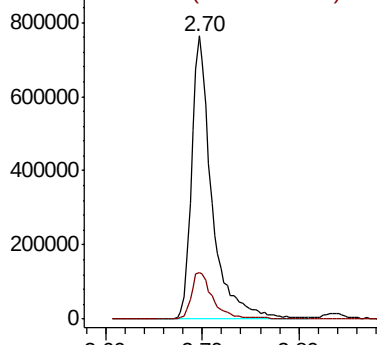
51 100

67 17.9 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 7.824 ppbv

RT: 2.84 min Scan# 72

Delta R.T. 0.00 min

Lab File: VL039556.D

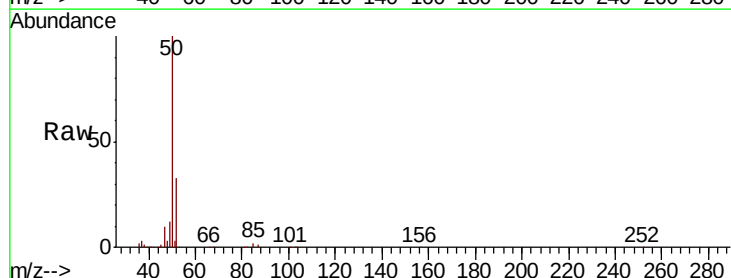
Acq: 17 Aug 2022 20:15

Tgt Ion: 50 Resp: 581202

Ion Ratio Lower Upper

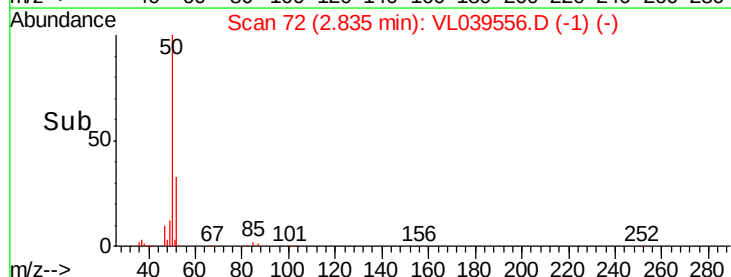
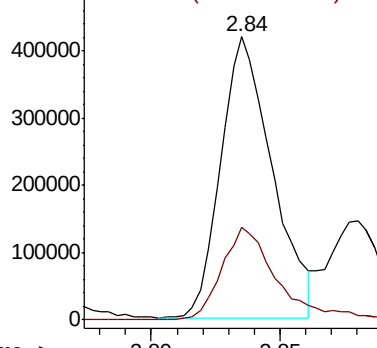
50 100

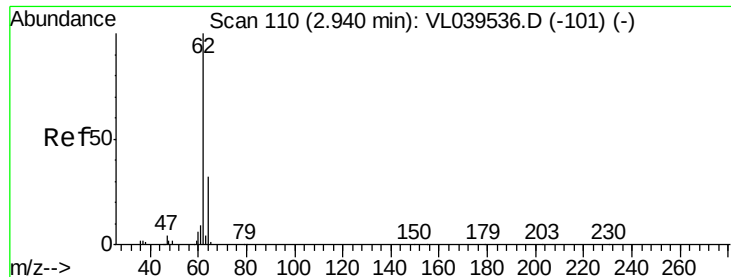
52 32.8 24.3 36.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 8.919 ppbv

RT: 2.94 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

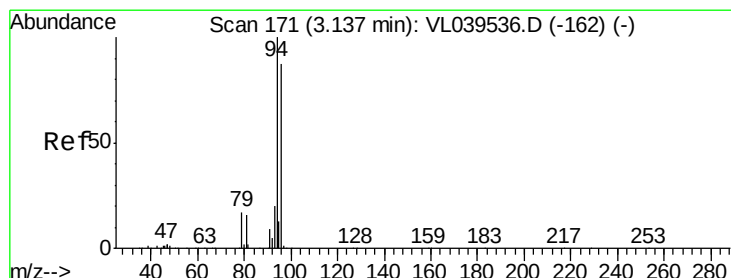
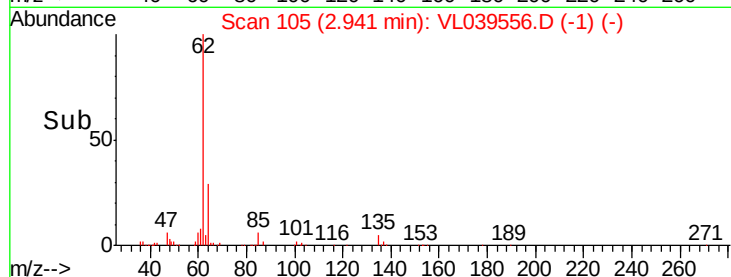
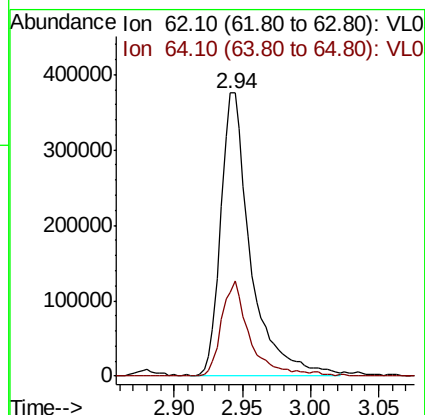
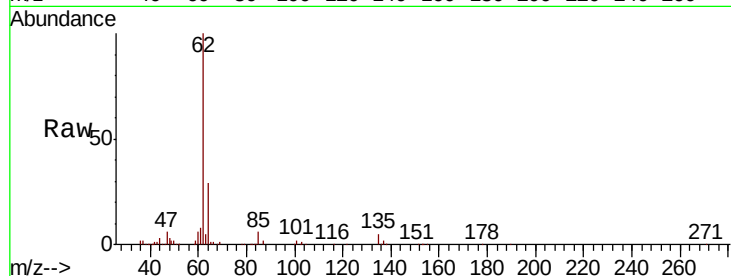
Acq: 17 Aug 2022 20:15 VSTDCCC010EC

Tot Ion: 62 Resp: 571267

Ion Ratio Lower Upper

62 100

64 29.5 25.5 38.3



#6

Bromomethane

Concen: 8.296 ppbv

RT: 3.14 min Scan# 167

Delta R.T. 0.00 min

Lab File: VL039556.D

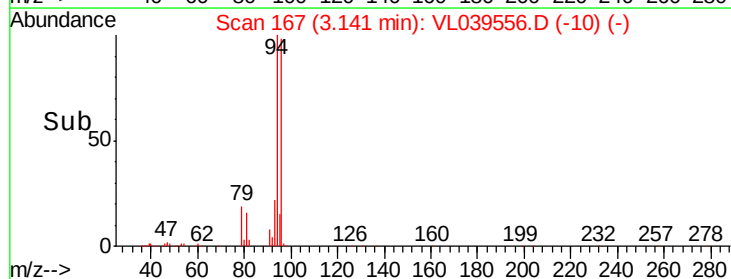
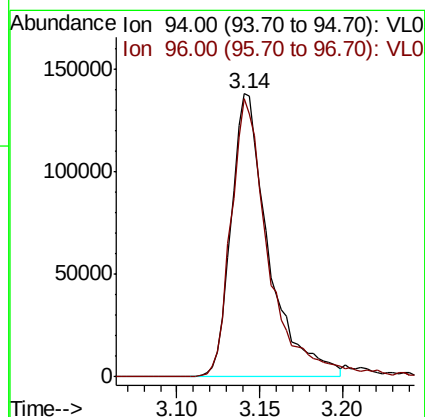
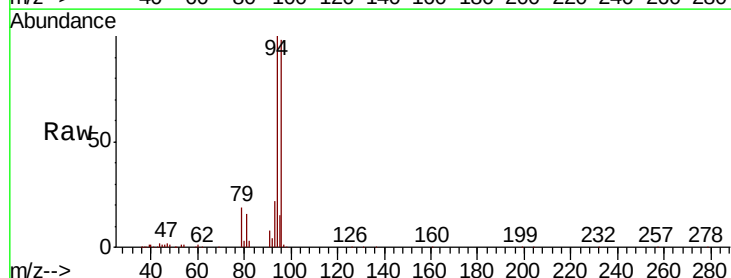
Acq: 17 Aug 2022 20:15

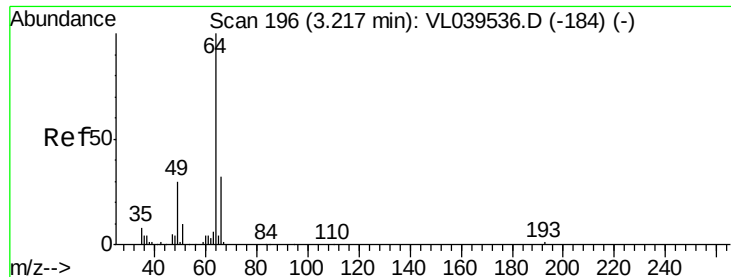
Tgt Ion: 94 Resp: 217568

Ion Ratio Lower Upper

94 100

96 98.3 69.8 104.6





#7

Chloroethane

Concen: 8.649 ppbv

RT: 3.22 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: VL039556.D ClientSampleId: VSTDCCC010EC

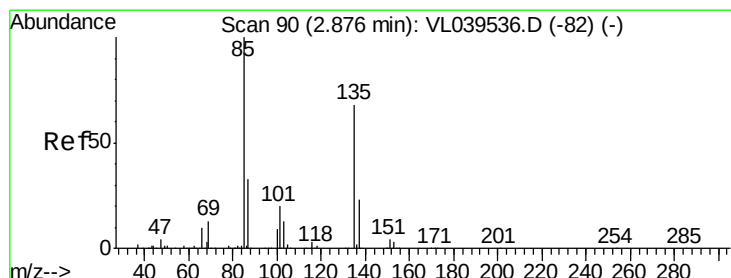
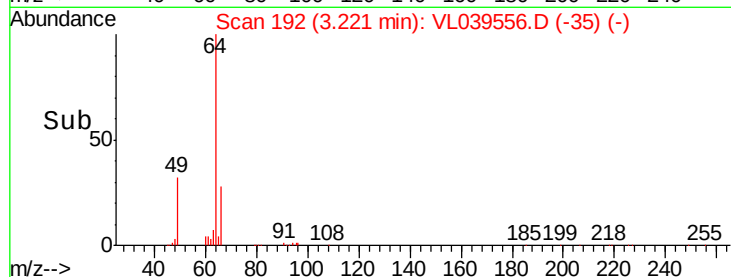
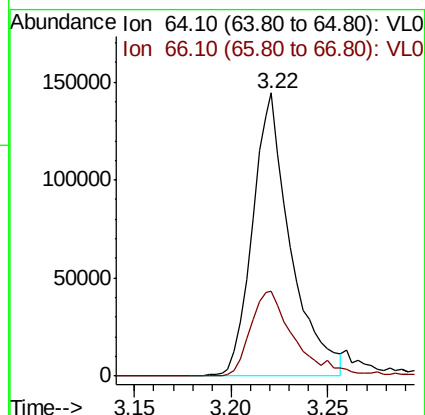
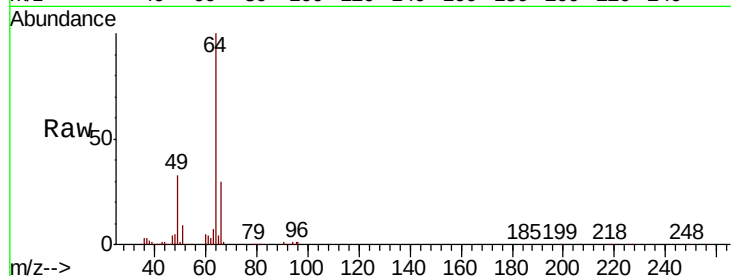
Acq: 17 Aug 2022 20:15

Tot Ion: 64 Resp: 197235

Ion Ratio Lower Upper

64 100

66 29.9 25.6 38.4



#8

Dichlorotetrafluoroethane

Concen: 8.821 ppbv

RT: 2.88 min Scan# 86

Delta R.T. 0.00 min

Lab File: VL039556.D

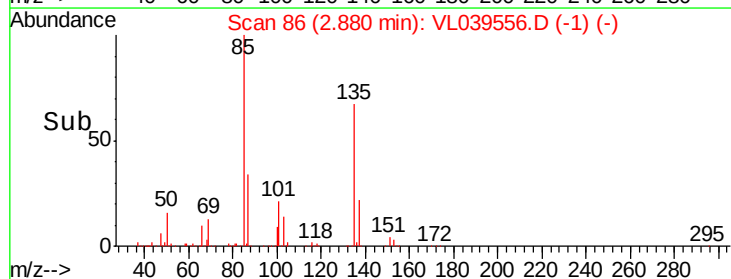
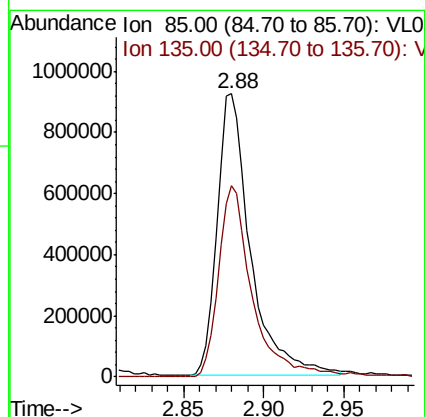
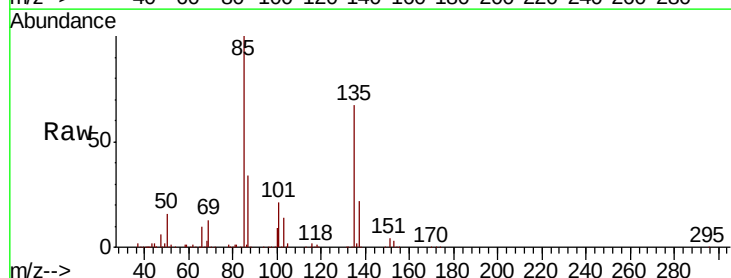
Acq: 17 Aug 2022 20:15

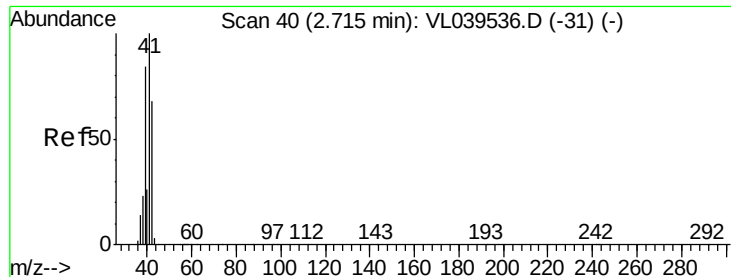
Tgt Ion: 85 Resp: 1319618

Ion Ratio Lower Upper

85 100

135 70.1 56.3 84.5





#9

Propene

Concen: 8.937 ppbv

RT: 2.72 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDCCC010EC

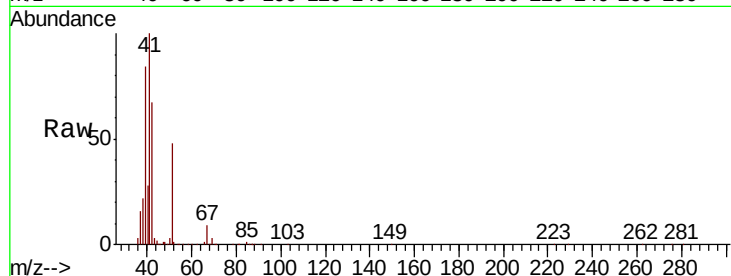
Acq: 17 Aug 2022 20:15

Tot Ion: 41 Resp: 505755

Ion Ratio Lower Upper

41 100

42 70.3 55.4 83.0



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

2.72

400000

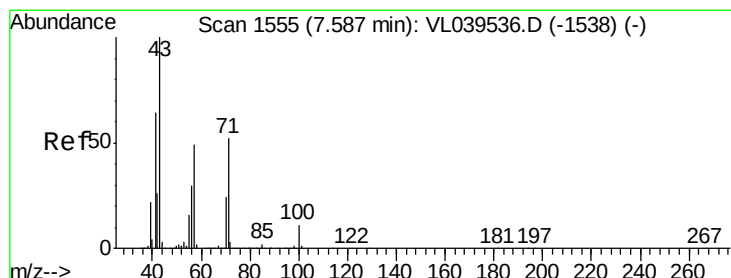
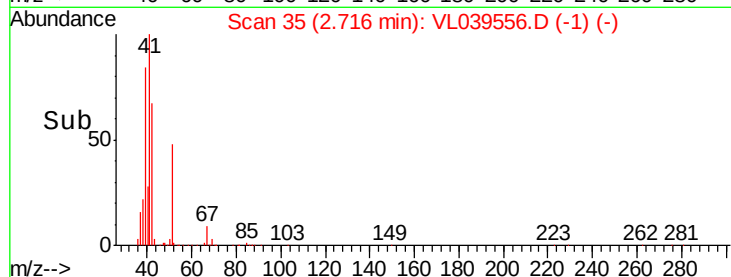
300000

200000

100000

0

Time--> 2.65 2.70 2.75



#10

Heptane

Concen: 9.939 ppbv

RT: 7.59 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VL039556.D

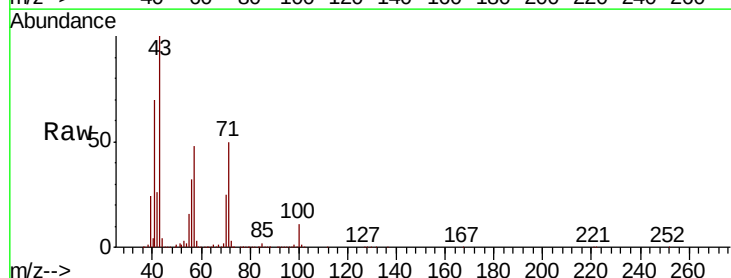
Acq: 17 Aug 2022 20:15

Tgt Ion: 43 Resp: 1306525

Ion Ratio Lower Upper

43 100

57 50.5 39.8 59.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

7.59

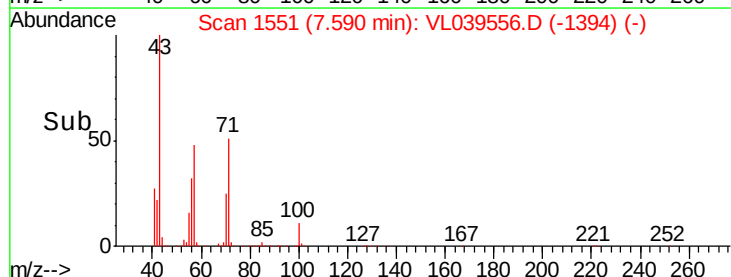
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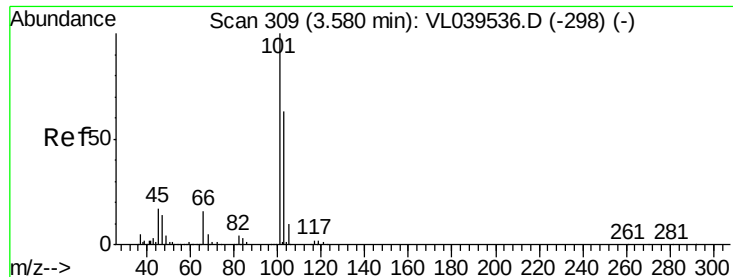
400000

200000

0

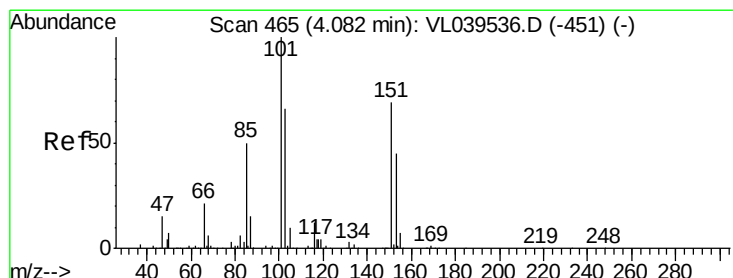
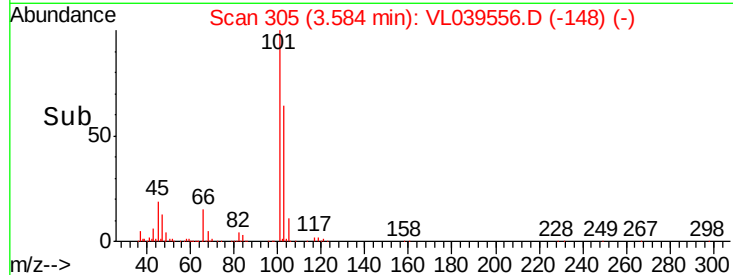
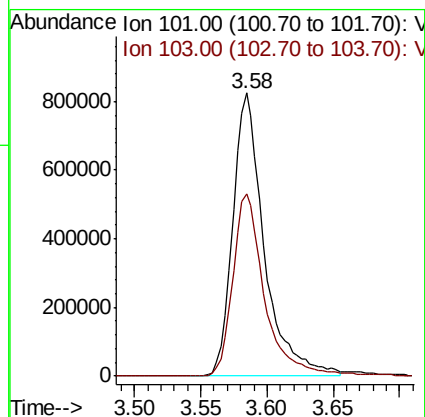
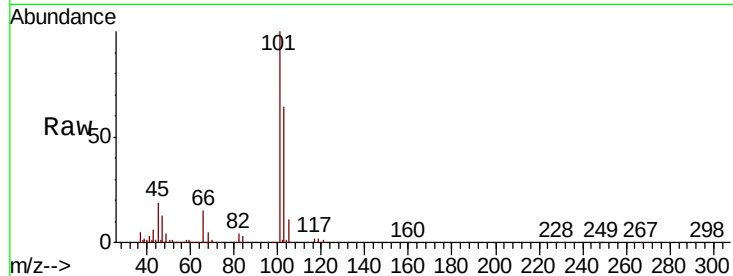
Time--> 7.50 7.55 7.60 7.65 7.70





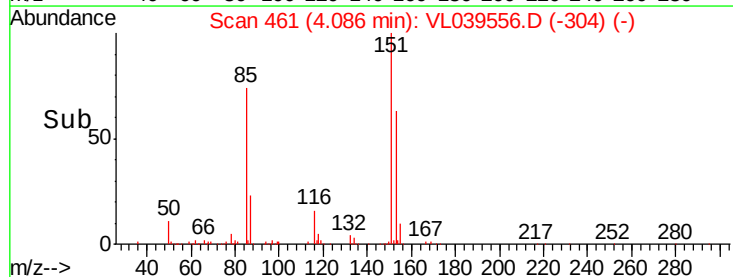
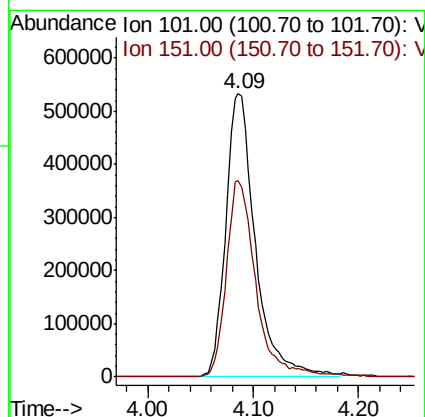
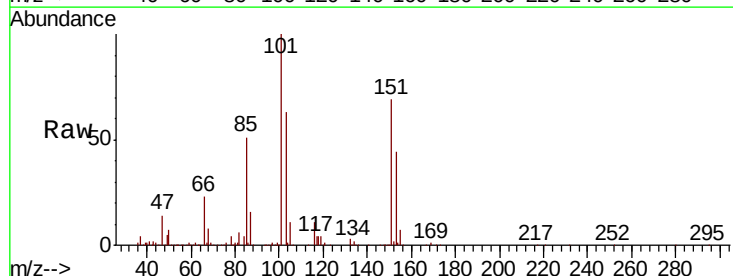
#11
 Trichlorofluoromethane
 Concen: 8.883 ppbv
 RT: 3.58
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Aug 2022 20:15

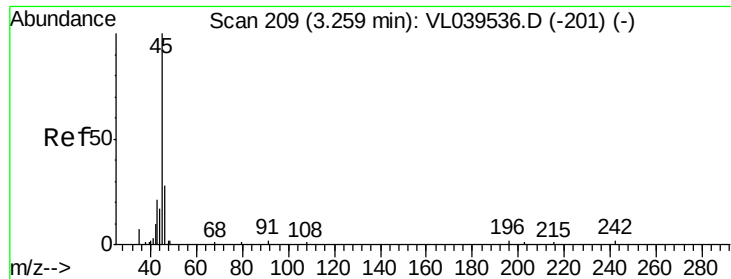
Tot Ion:101 Resp: 1359367
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.153 ppbv
 RT: 4.09 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

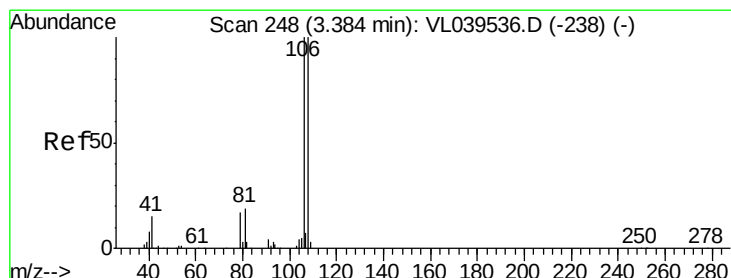
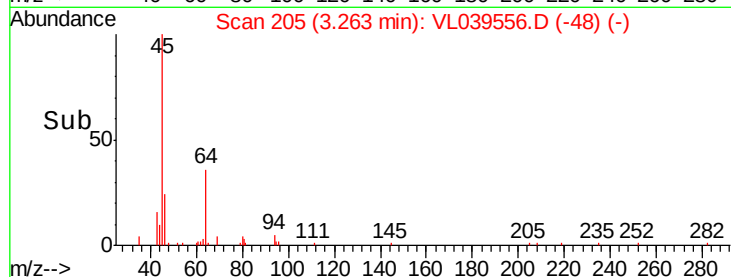
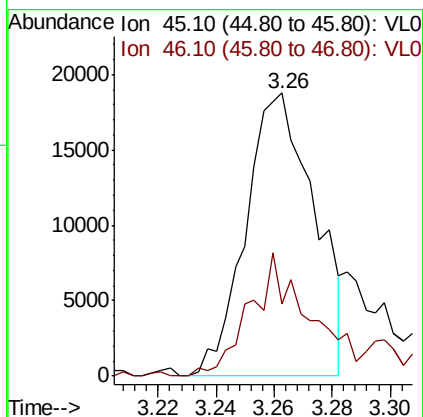
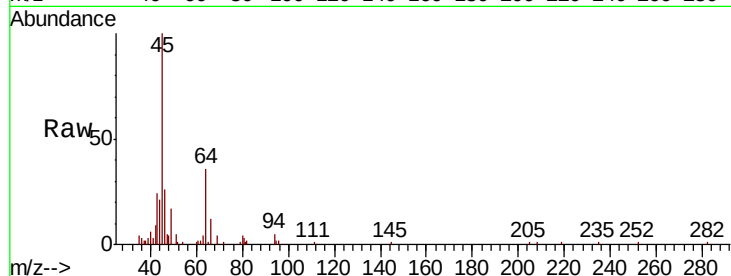
Tgt Ion:101 Resp: 1034774
 Ion Ratio Lower Upper
 101 100
 151 69.5 58.6 87.8





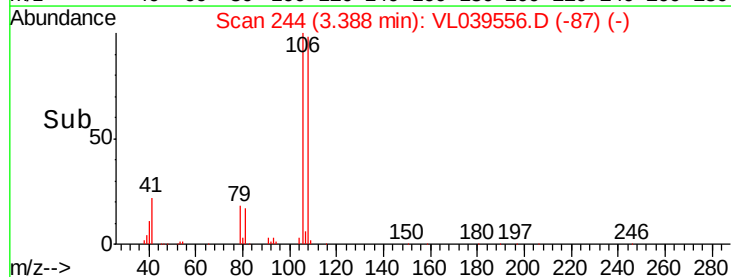
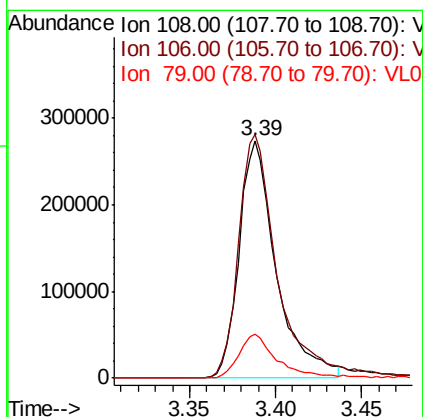
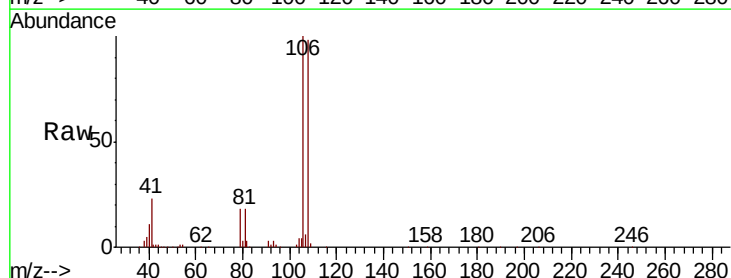
#13
 Ethanol
 Concen: 7.580 ppbv
 RT: 3.26
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Aug 2022 20:15

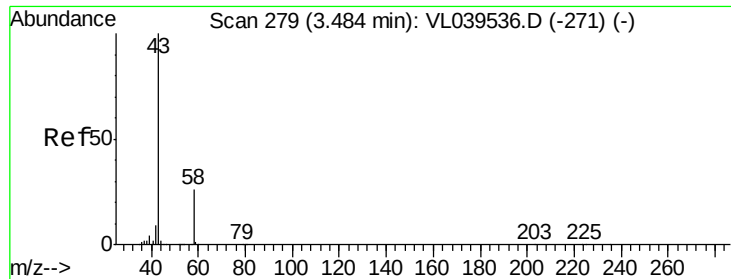
Tot Ion: 45 Resp: 30871
 Ion Ratio Lower Upper
 45 100
 46 48.9 19.3 77.1



#14
 Bromoethene
 Concen: 8.874 ppbv
 RT: 3.39 min Scan# 244
 Delta R.T. 0.00 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion: 108 Resp: 409934
 Ion Ratio Lower Upper
 108 100
 106 110.7 86.6 130.0
 79 19.9 15.1 22.7





#15

Acetone

Concen: 9.264 ppbv

RT: 3.49 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDCCC010EC

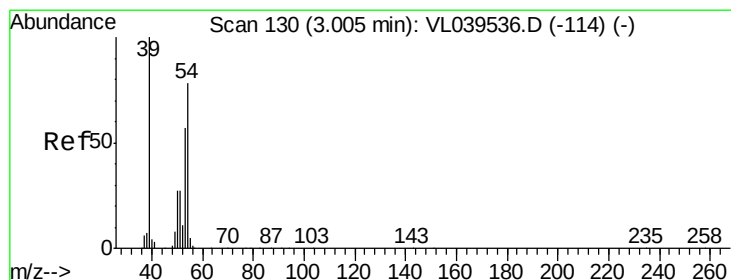
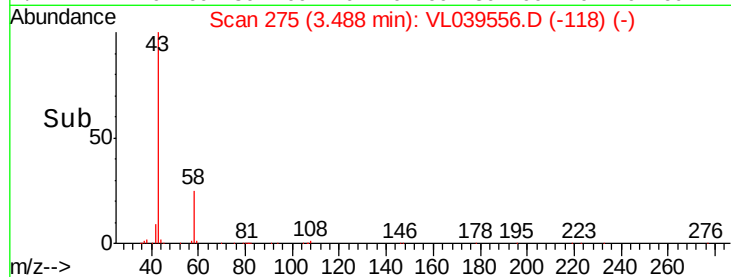
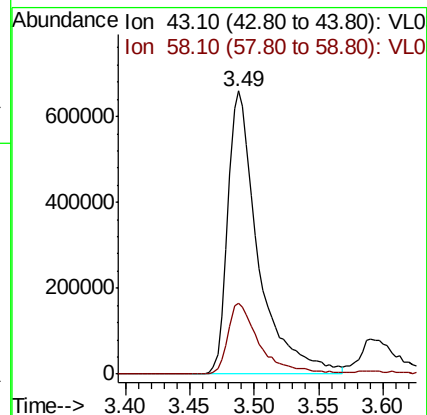
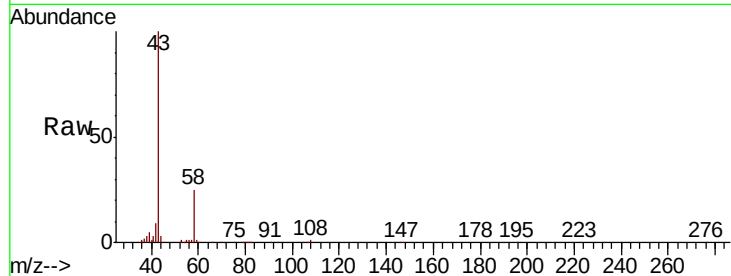
Acq: 17 Aug 2022 20:15

Tot Ion: 43 Resp: 1084788

Ion Ratio Lower Upper

43 100

58 26.3 20.7 31.1



#16

1,3-Butadiene

Concen: 9.240 ppbv

RT: 3.01 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL039556.D

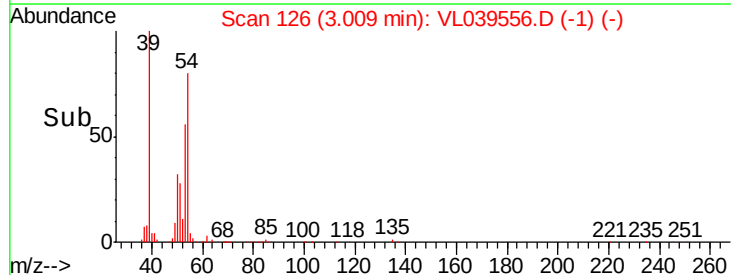
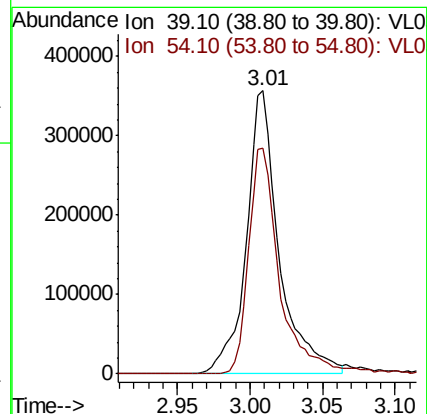
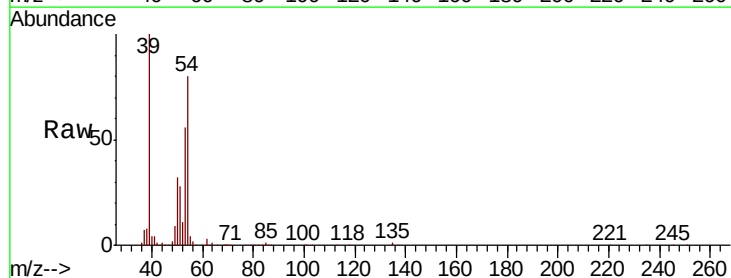
Acq: 17 Aug 2022 20:15

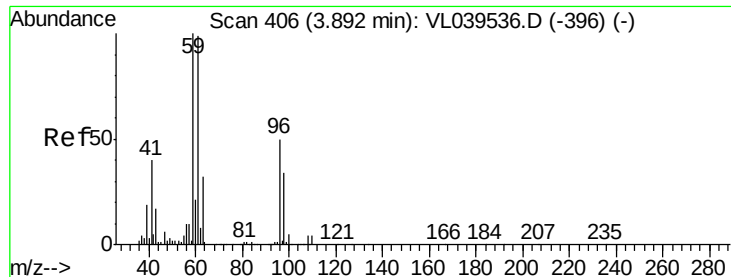
Tgt Ion: 39 Resp: 561955

Ion Ratio Lower Upper

39 100

54 77.0 61.8 92.8





#17

tert-Butyl alcohol

Concen: 9.901 ppbv

RT: 3.90 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

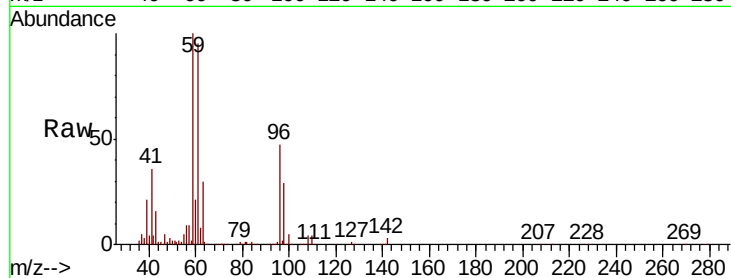
Acq: 17 Aug 2022 20:15

Tot Ion: 59 Resp: 990109

Ion Ratio Lower Upper

59 100

57 10.6 8.6 12.8



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

600000

500000

400000

300000

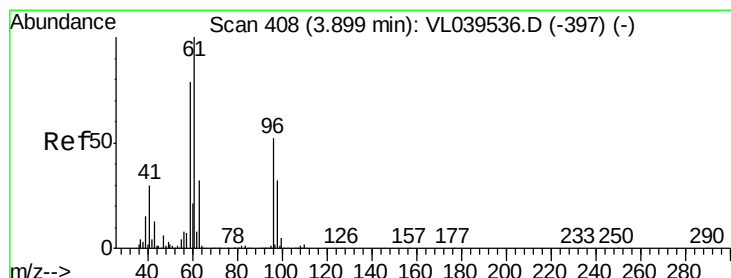
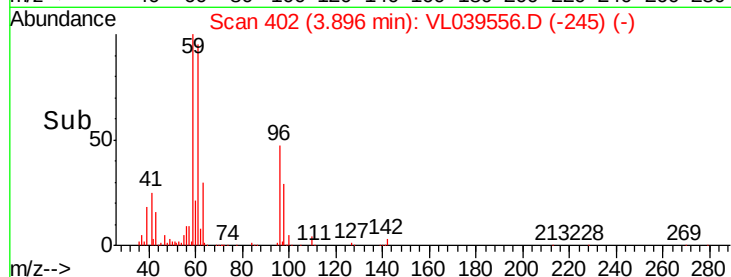
200000

100000

0

3.85 3.90 3.95 4.00

Time-->



#18

1,1-Dichloroethene

Concen: 8.801 ppbv

RT: 3.90 min Scan# 403

Delta R.T. 0.00 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

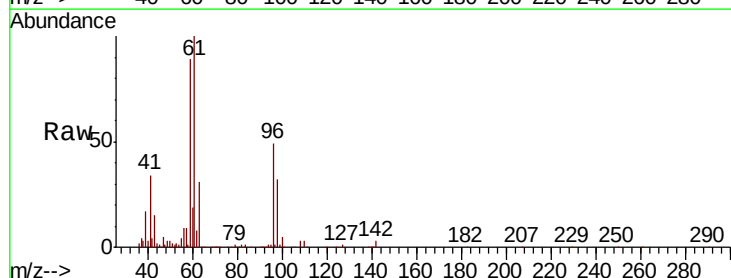
Tgt Ion: 96 Resp: 448569

Ion Ratio Lower Upper

96 100

61 203.4 153.8 230.6

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

600000

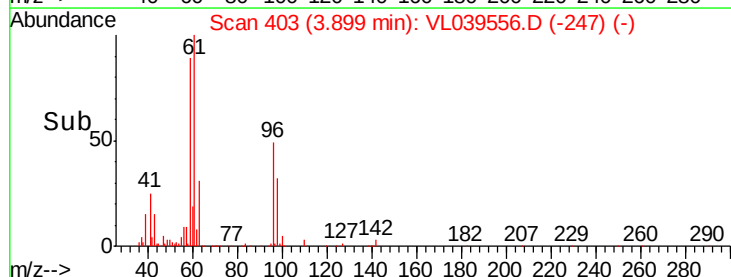
400000

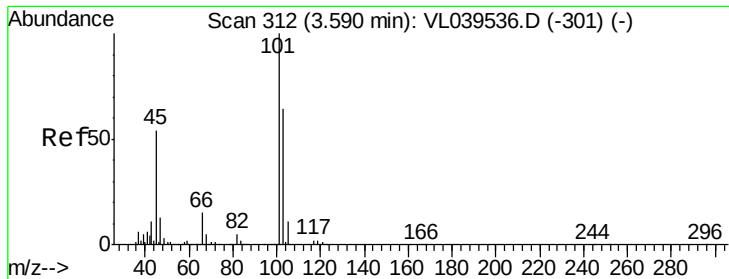
200000

0

3.85 3.90 3.95

Time-->





#19

Isopropyl Alcohol

Concen: 9.266 ppbv

RT: 3.59 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

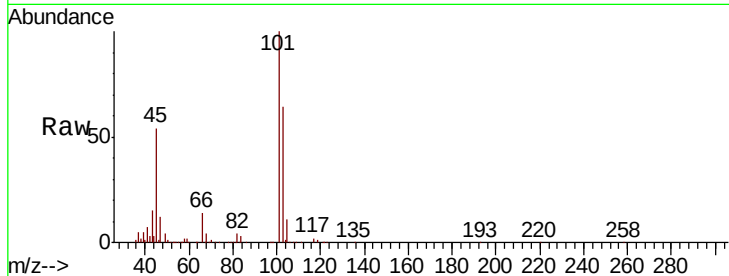
Acq: 17 Aug 2022 20:15 VSTDCCC010EC

Tot Ion: 45 Resp: 530323

Ion Ratio Lower Upper

45 100

58 4.4 0.0 0.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

300000

250000

200000

150000

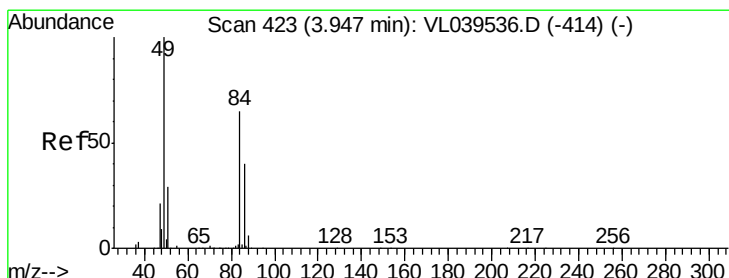
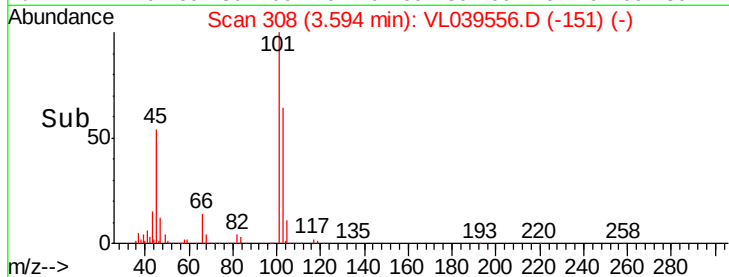
100000

50000

0

3.55 3.60 3.65

Time-->



#20

Methylene Chloride

Concen: 7.787 ppbv

RT: 3.95 min Scan# 420

Delta R.T. 0.01 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Tgt Ion: 84 Resp: 371282

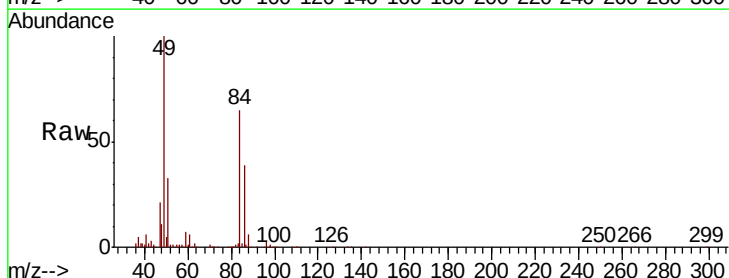
Ion Ratio Lower Upper

84 100

49 153.2 122.2 183.4

51 49.2 35.8 53.6

86 60.4 48.4 72.6



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

500000

400000

300000

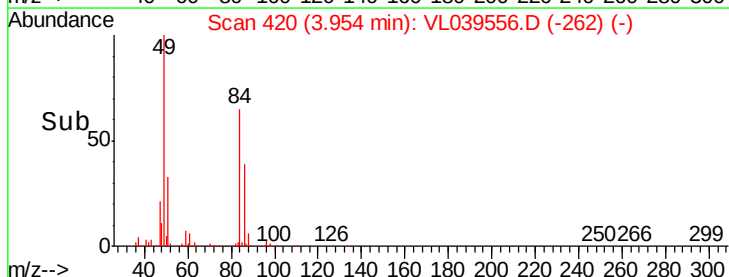
200000

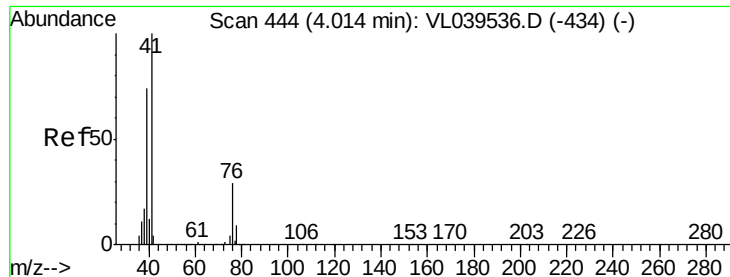
100000

0

3.90 3.95 4.00

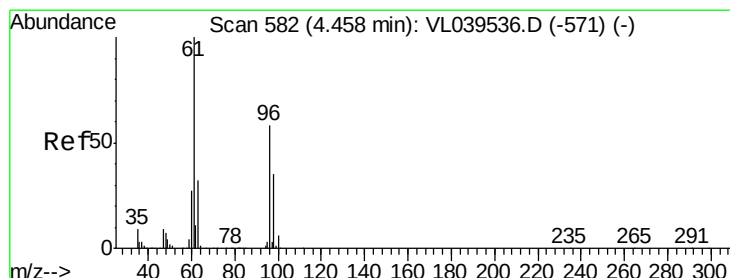
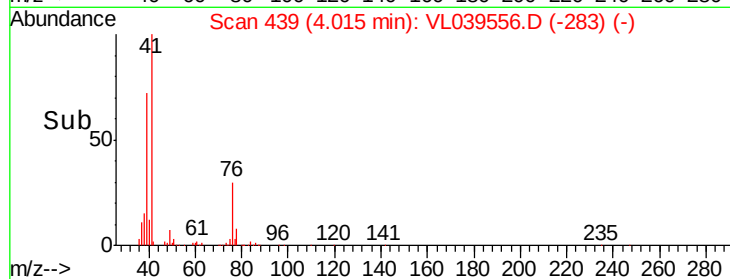
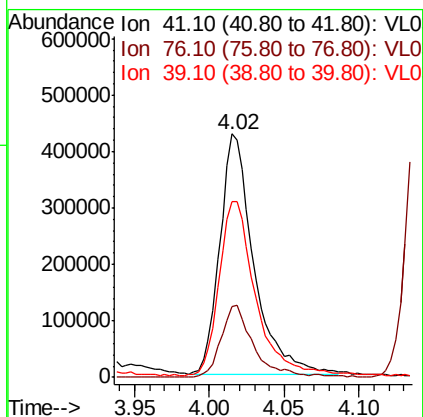
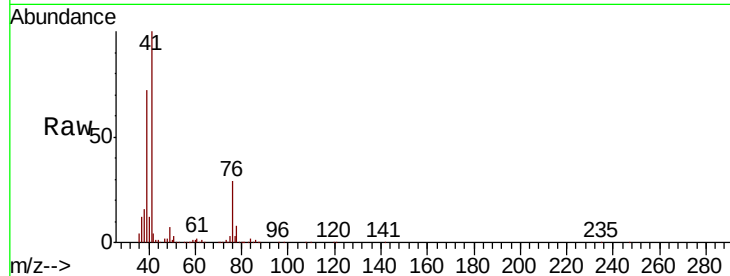
Time-->





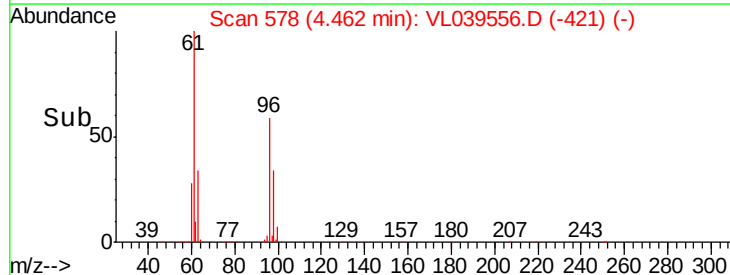
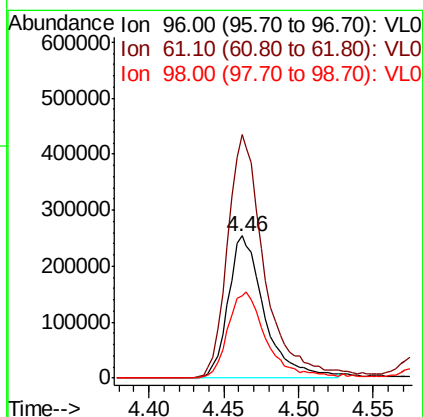
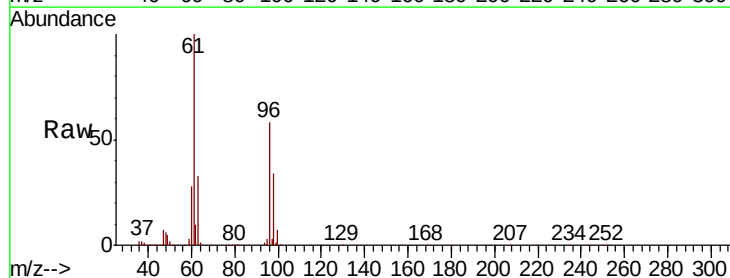
#21
 Allvl Chloride
 Concen: 8.922 ppbv
 RT: 4.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Aug 2022 20:15

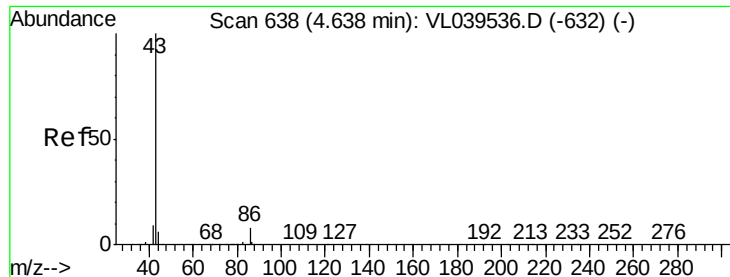
Tot Ion	Ratio	Lower	Upper
41	100		
76	29.1	23.1	34.7
39	78.4	63.4	95.2



#22
 trans-1,2-Dichloroethene
 Concen: 8.469 ppbv
 RT: 4.46 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.4	138.1	207.1
98	58.0	48.8	73.2





#23

Vinyl Acetate

Concen: 6.689 ppbv

RT: 4.64 Instrument: MSVOA_1

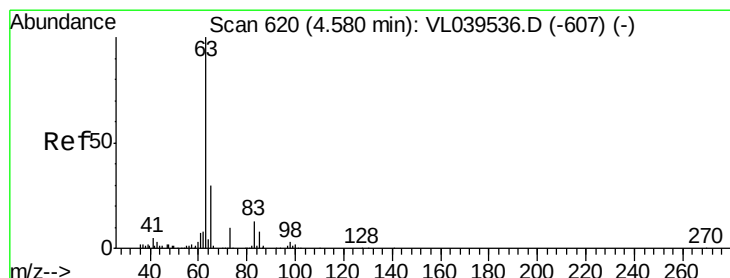
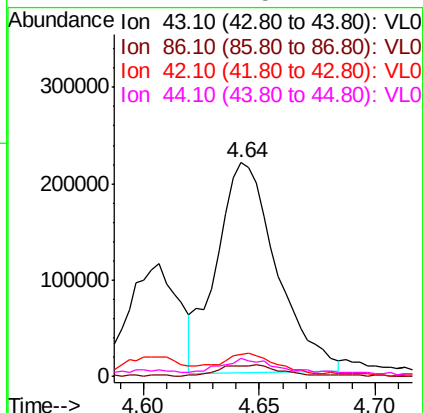
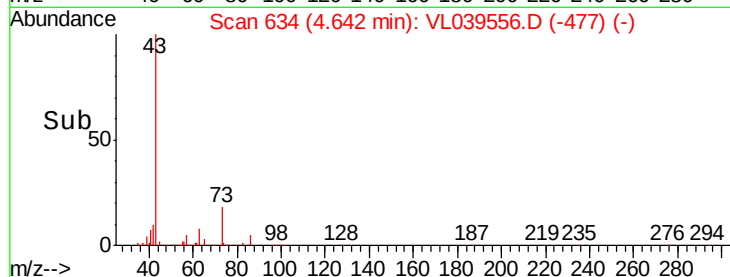
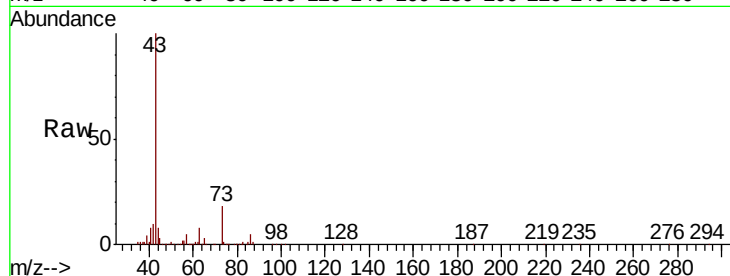
Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 17 Aug 2022 20:15

Tot Ion: 43 Resp: 393814

Ion	Ratio	Lower	Upper
43	100		
86	4.8	5.3	7.9#
42	9.5	8.7	13.1
44	7.2	5.1	7.7



#24

1,1-Dichloroethane

Concen: 9.019 ppbv

RT: 4.58 min Scan# 615

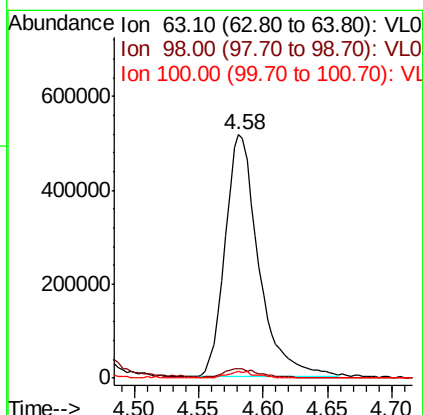
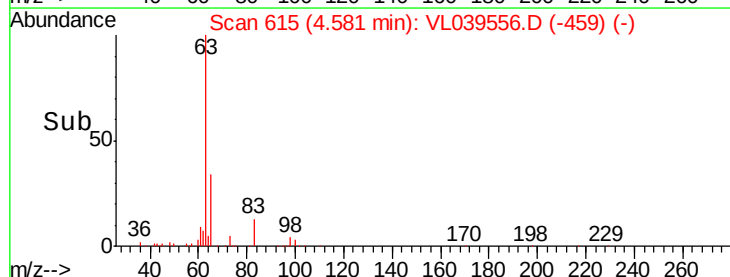
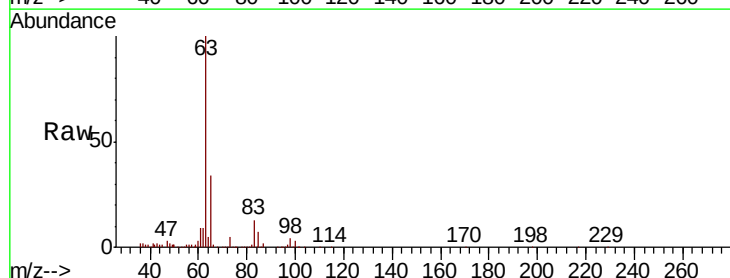
Delta R.T. 0.00 min

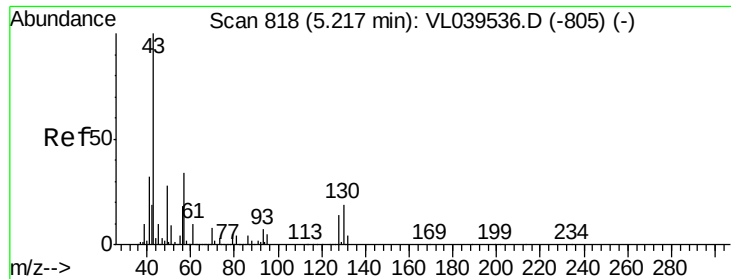
Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Tgt Ion: 63 Resp: 934542

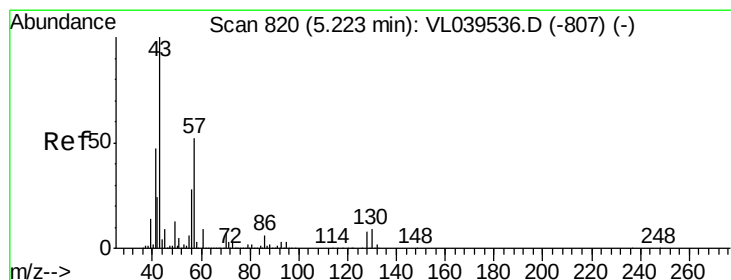
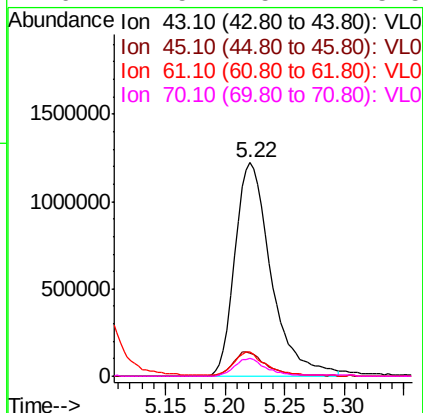
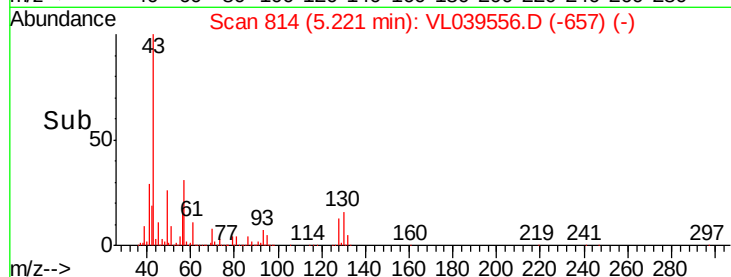
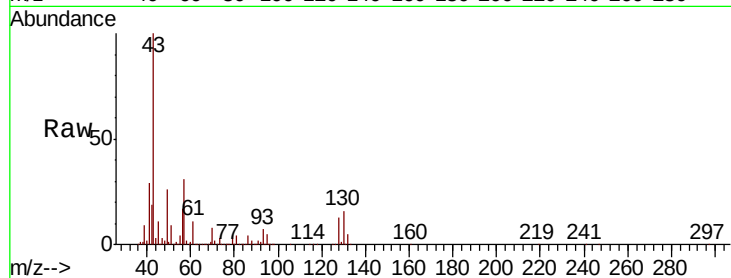
Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.7	5.0
100	2.8	1.1	3.3





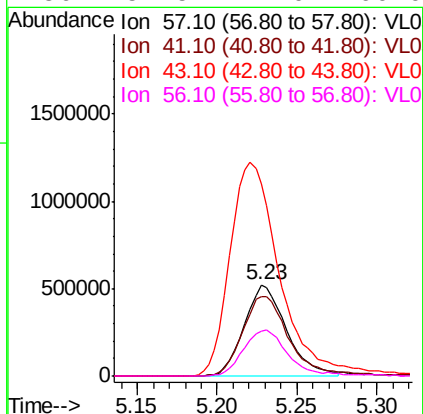
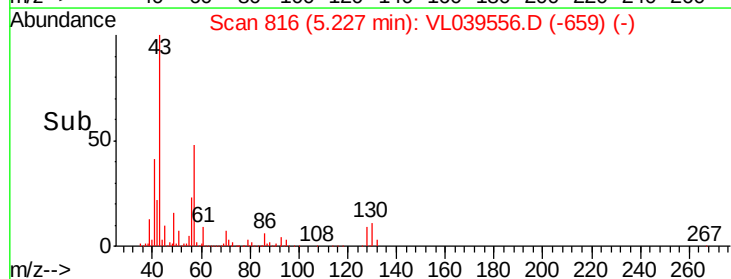
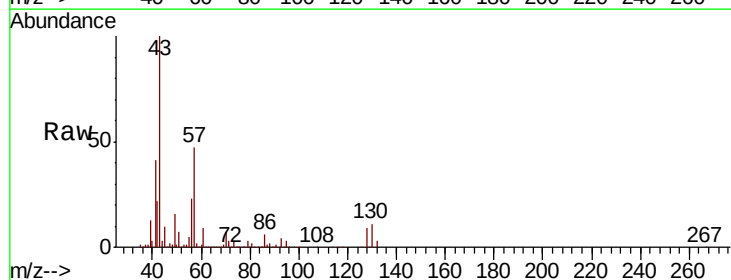
#25
Ethyl Acetate
Concen: 10.283 ppbv
RT: 5.22 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 17 Aug 2022 20:15

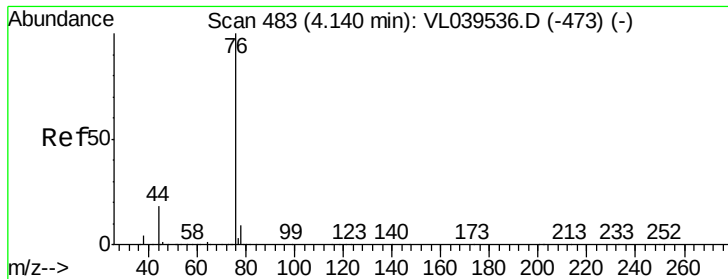
Tot Ion:	43	Resp:	2567491
Ion	Ratio	Lower	Upper
43	100		
45	11.0	8.2	12.4
61	10.5	8.6	12.8
70	7.5	5.7	8.5



#26
Hexane
Concen: 9.189 ppbv
RT: 5.23 min Scan# 816
Delta R.T.: 0.00 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion:	57	Resp:	940857
Ion	Ratio	Lower	Upper
57	100		
41	98.2	79.4	119.2
43	280.0	199.7	299.5
56	54.5	44.0	66.0

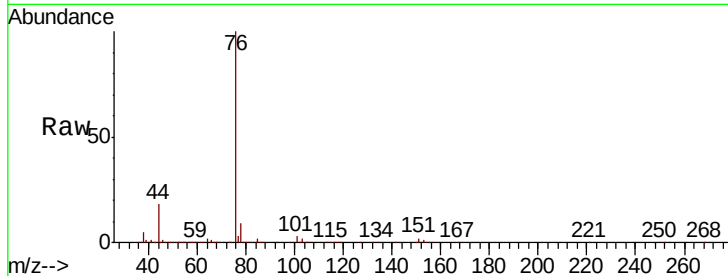




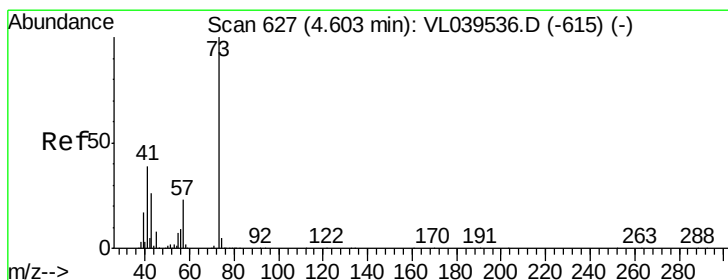
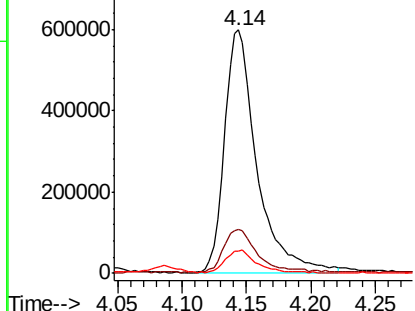
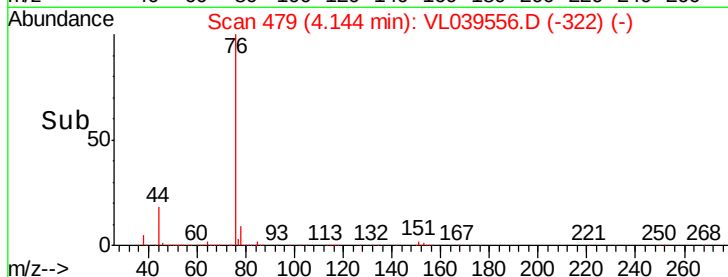
#27
Carbon Disulfide
Concen: 9.560 ppbv
RT: 4.14
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 17 Aug 2022 20:15

Tot Ion: 76 Resp: 1044326

Ion	Ratio	Lower	Upper
76	100		
44	19.9	16.3	24.5
78	10.0	7.8	11.6



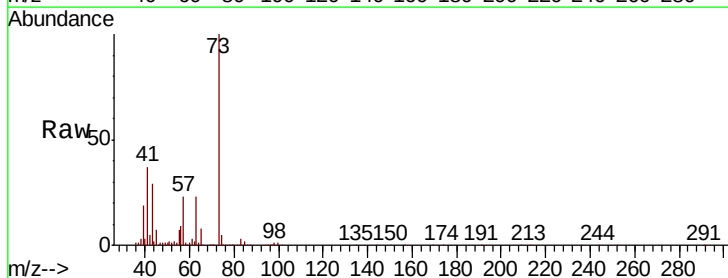
Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



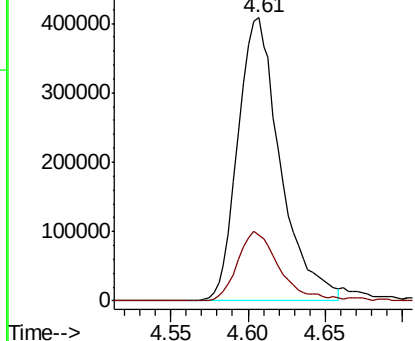
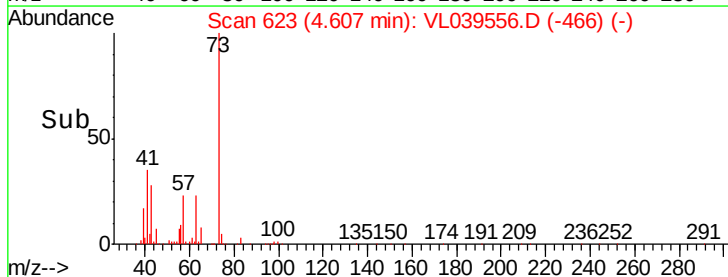
#28
Methyl tert-Butyl Ether
Concen: 8.672 ppbv
RT: 4.61 min Scan# 623
Delta R.T. 0.00 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

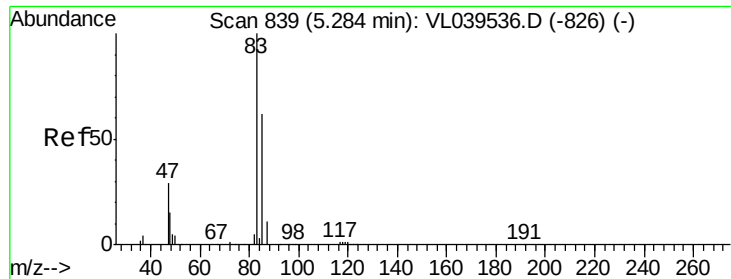
Tgt Ion: 73 Resp: 780727

Ion	Ratio	Lower	Upper
73	100		
57	24.9	19.8	29.6



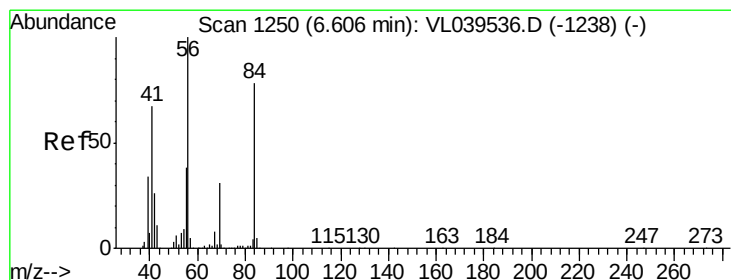
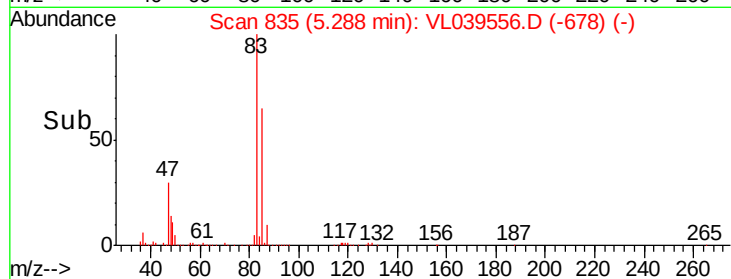
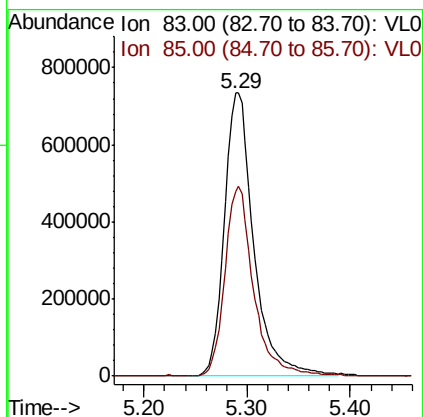
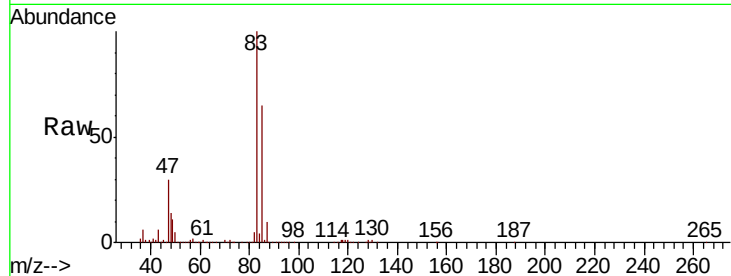
Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





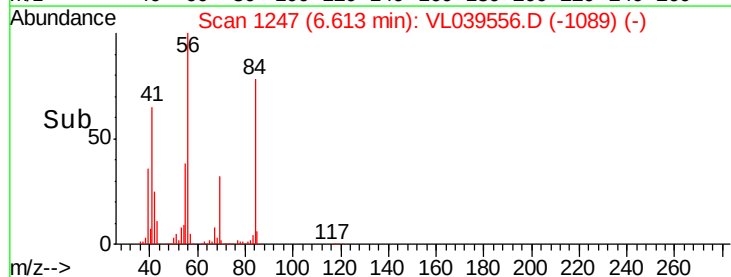
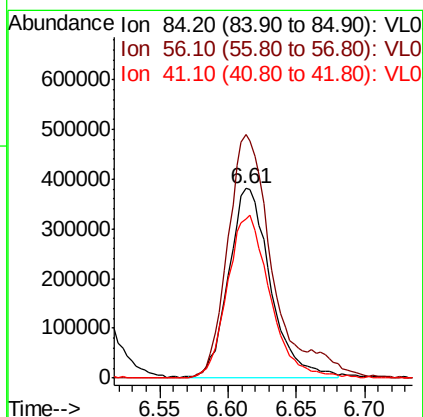
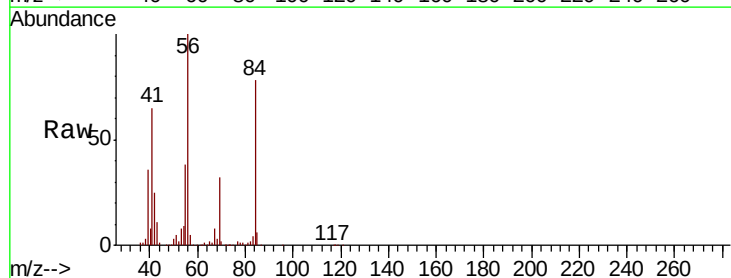
#29
Chloroform
Concen: 9.119 ppbv
RT: 5.29
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Aug 2022 20:15

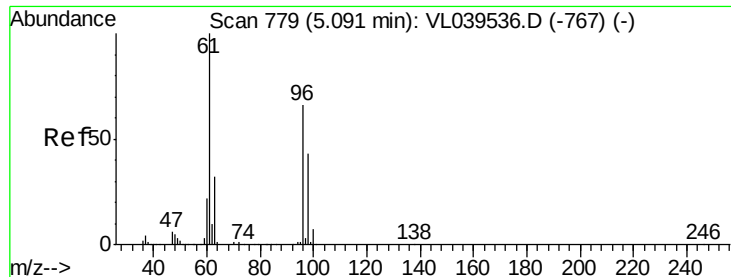
Tot Ion: 83 Resp: 1461402
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.8



#30
Cyclohexane
Concen: 9.463 ppbv
RT: 6.61 min Scan# 1247
Delta R.T. 0.01 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

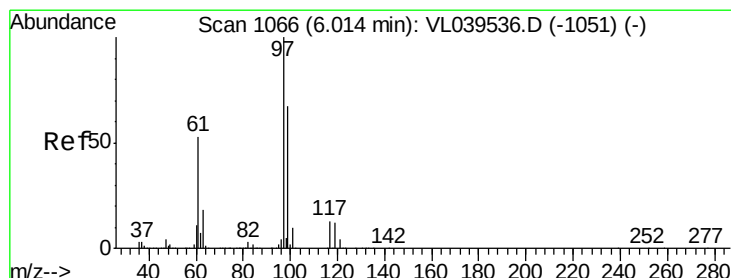
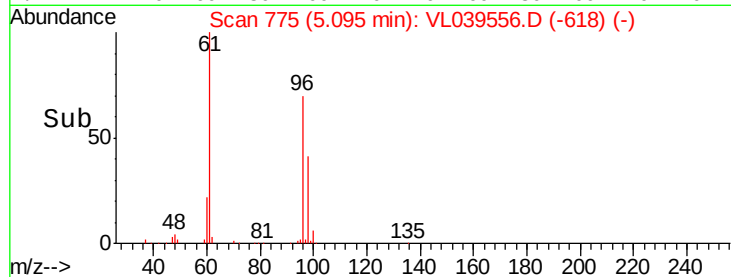
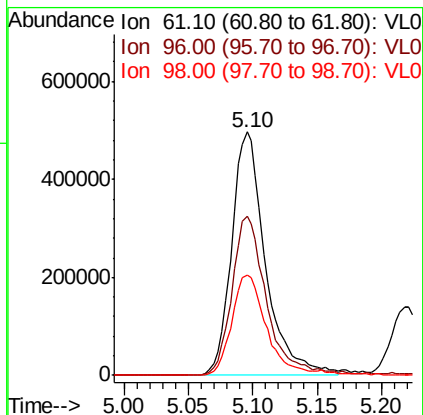
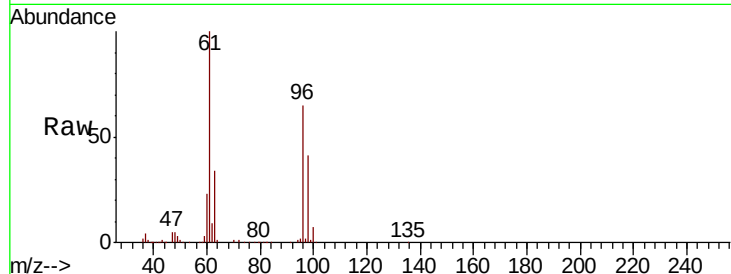
Tgt Ion: 84 Resp: 804596
Ion Ratio Lower Upper
84 100
56 140.8 0.0 0.0#
41 89.4 0.0 0.0#





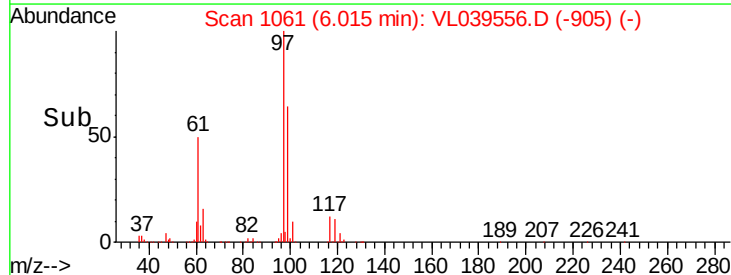
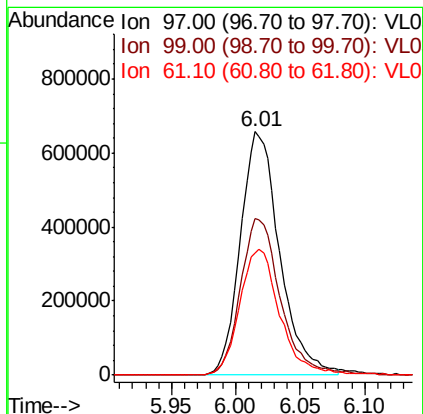
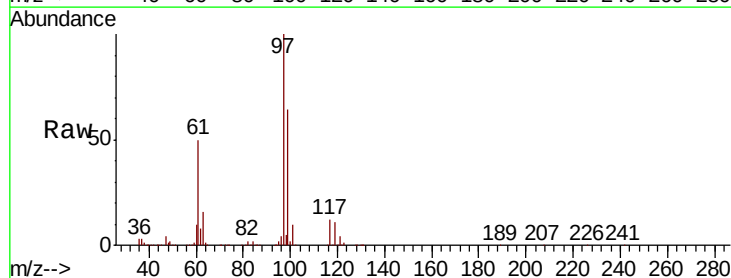
#31
 cis-1,2-Dichloroethene
 Concen: 9.144 ppbv
 RT: 5.10
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Aug 2022 20:15

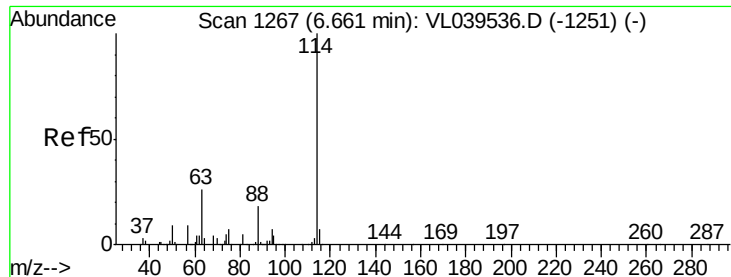
Tot Ion	61	Resp	905311
Ion Ratio	Lower	Upper	
61	100		
96	65.2	52.9	79.3
98	41.1	34.5	51.7



#32
 1,1,1-Trichloroethane
 Concen: 9.311 ppbv
 RT: 6.01 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion	97	Resp	1399500
Ion Ratio	Lower	Upper	
97	100		
99	65.8	52.4	78.6
61	53.0	42.9	64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.66 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 17 Aug 2022 20:15

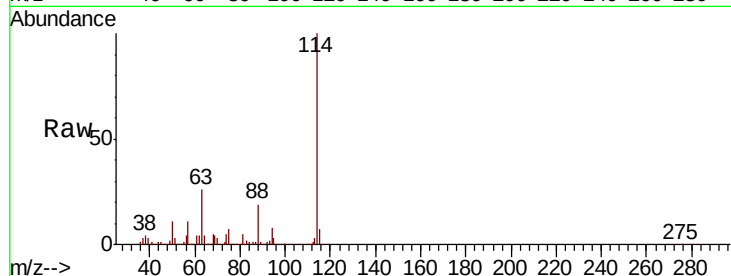
Tot Ion:114 Resp: 2774994

Ion Ratio Lower Upper

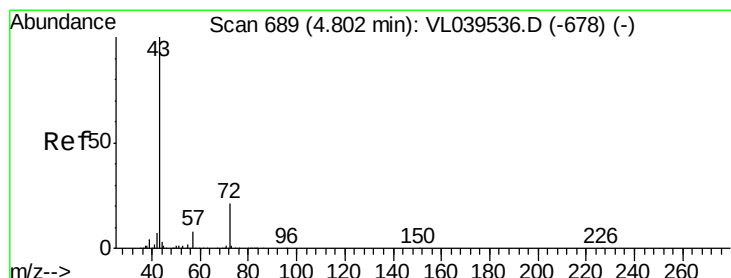
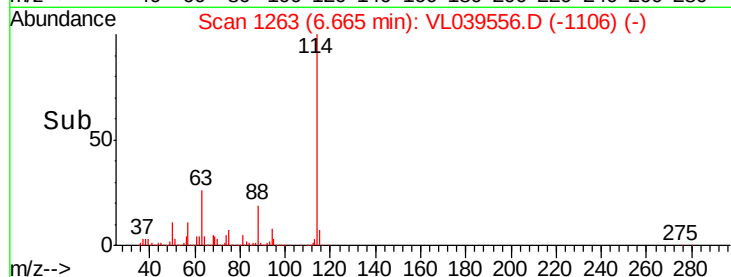
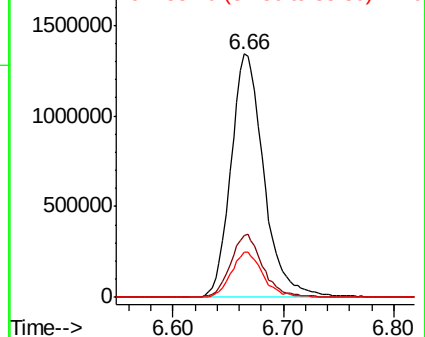
114 100

63 25.6 20.6 31.0

88 18.2 14.6 22.0



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



#34

2-Butanone

Concen: 9.559 ppbv

RT: 4.80 min Scan# 684

Delta R.T. 0.00 min

Lab File: VL039556.D

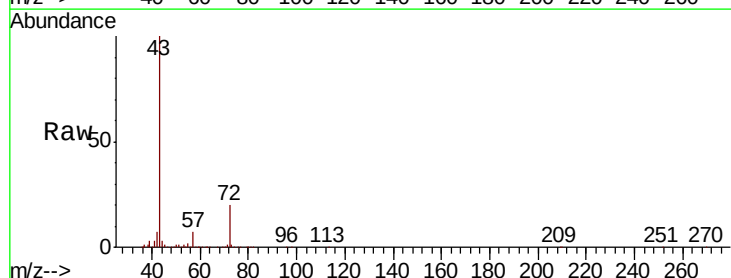
Acq: 17 Aug 2022 20:15

Tgt Ion: 43 Resp: 1333520

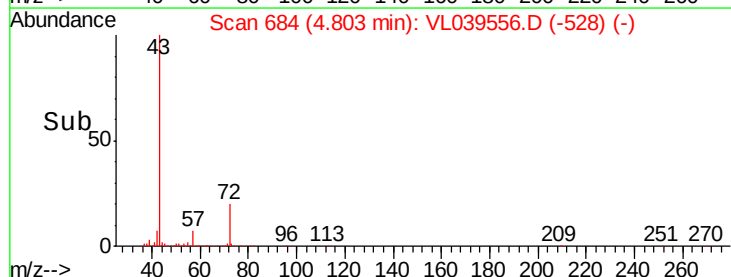
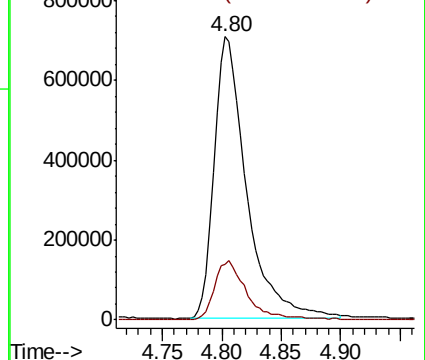
Ion Ratio Lower Upper

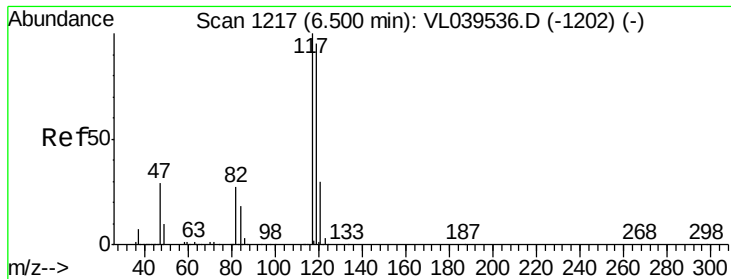
43 100

72 21.3 17.4 26.0



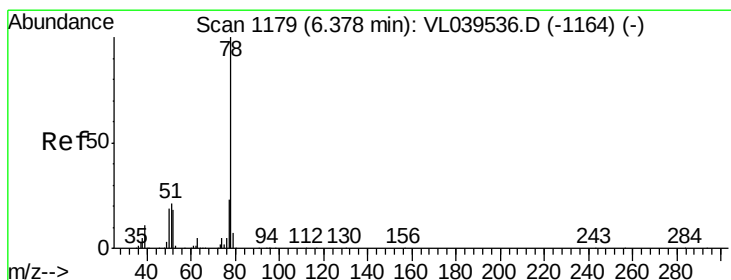
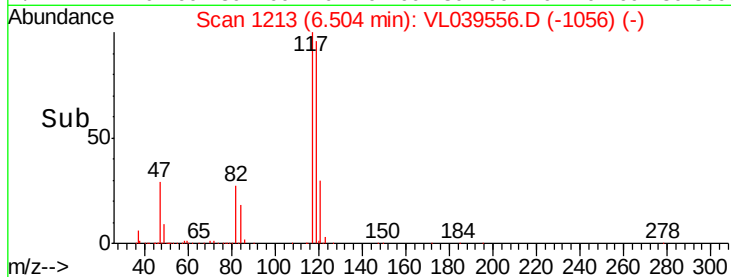
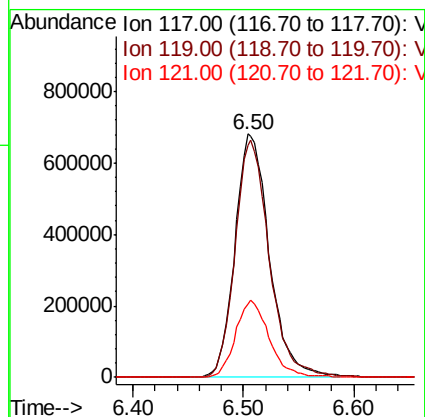
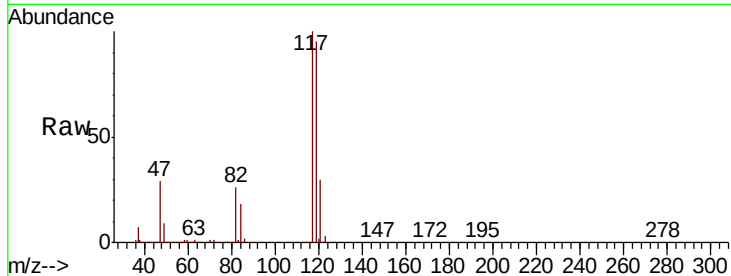
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 72.10 (71.80 to 72.80): VL0





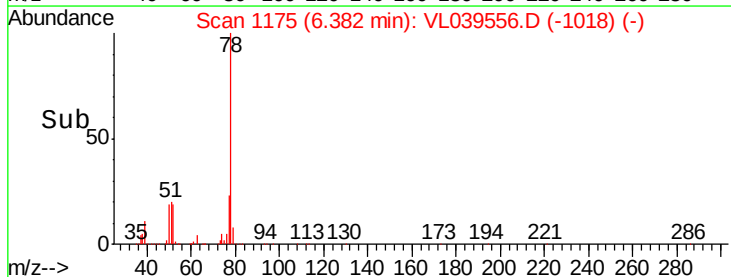
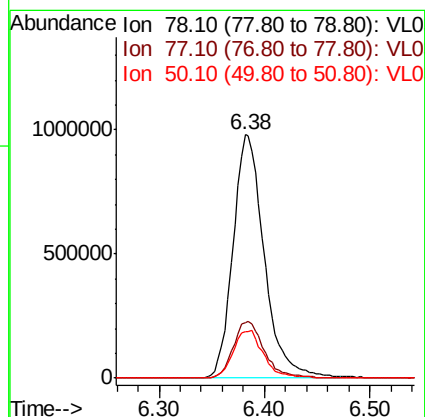
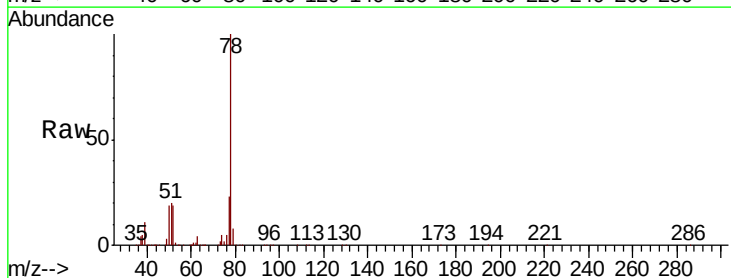
#35
Carbon Tetrachloride
Concen: 9.443 ppbv
RT: 6.50
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 17 Aug 2022 20:15

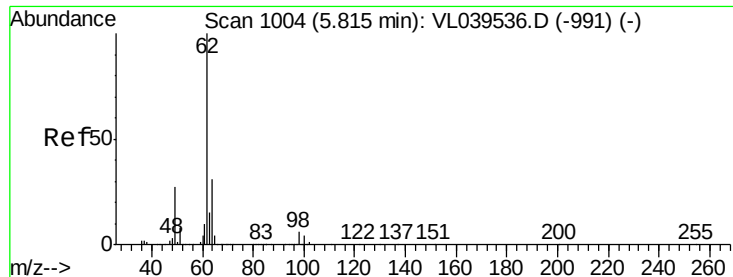
Tot Ion:117 Resp: 1474216
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4
121 30.2 24.4 36.6



#36
Benzene
Concen: 9.496 ppbv
RT: 6.38 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

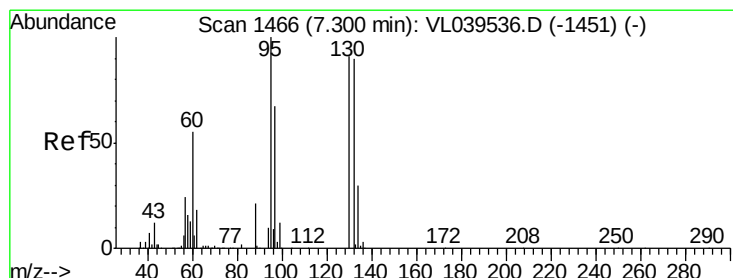
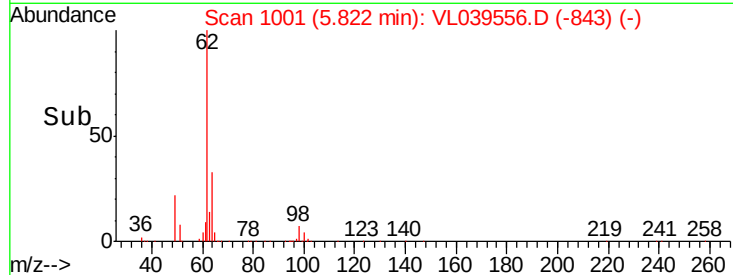
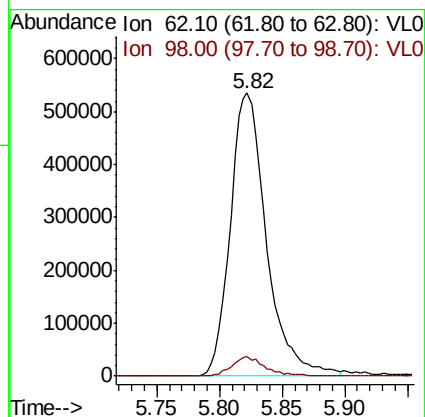
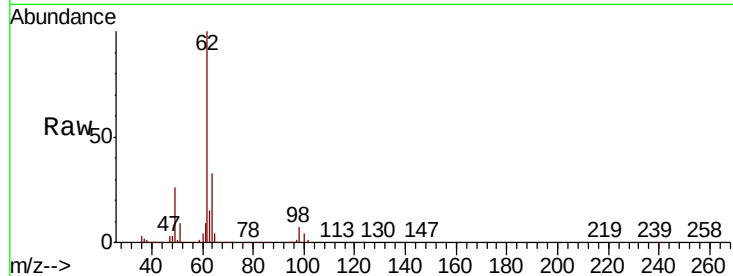
Tgt Ion: 78 Resp: 2008447
Ion Ratio Lower Upper
78 100
77 22.7 18.6 27.8
50 19.3 15.0 22.4





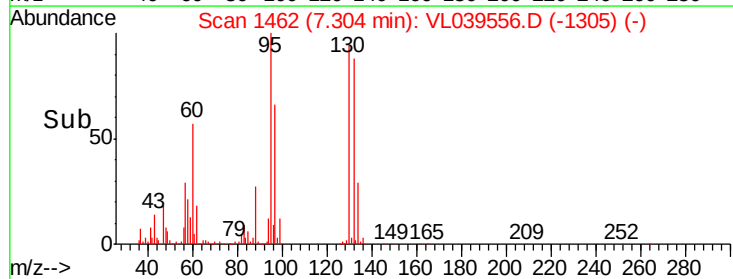
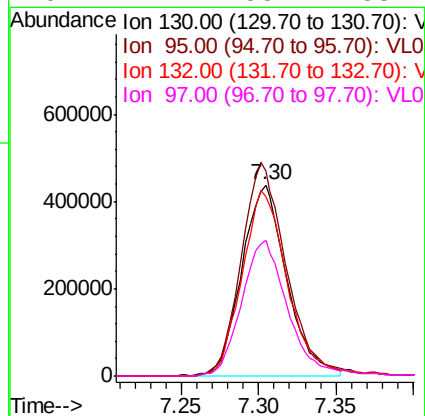
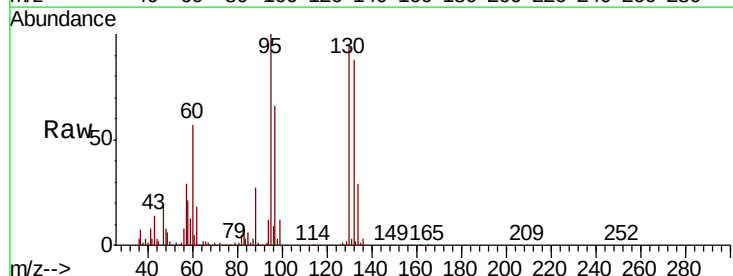
#37
 1,2-Dichloroethane
 Concen: 9.112 ppbv
 RT: 5.82
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Aug 2022 20:15

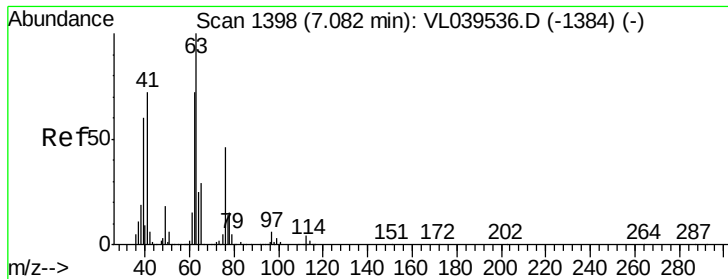
Tot Ion: 62 Resp: 1070669
 Ion Ratio Lower Upper
 62 100
 98 6.7 5.4 8.2



#38
 Trichloroethene
 Concen: 7.640 ppbv
 RT: 7.30 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion:130 Resp: 877814
 Ion Ratio Lower Upper
 130 100
 95 107.1 88.0 132.0
 132 93.8 79.1 118.7
 97 71.1 58.7 88.1





#39

1,2-Dichloropropane

Concen: 9.672 ppbv

RT: 7.09 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 20:15 VSTDCCC010EC

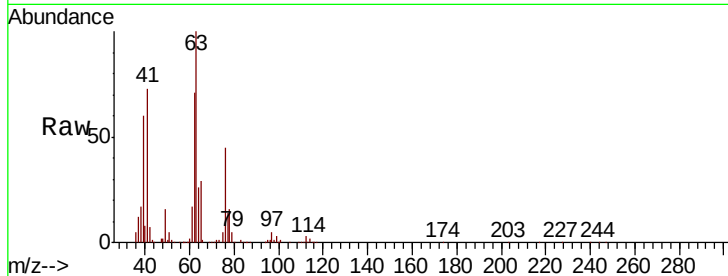
Tot Ion: 63 Resp: 766652

Ion Ratio Lower Upper

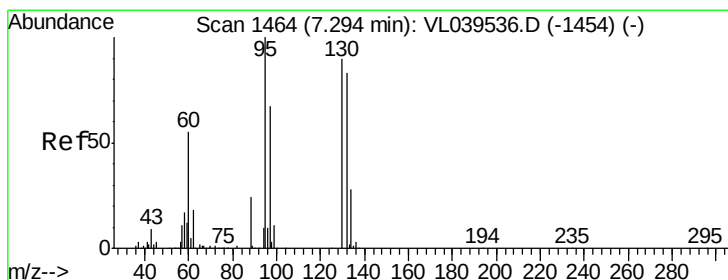
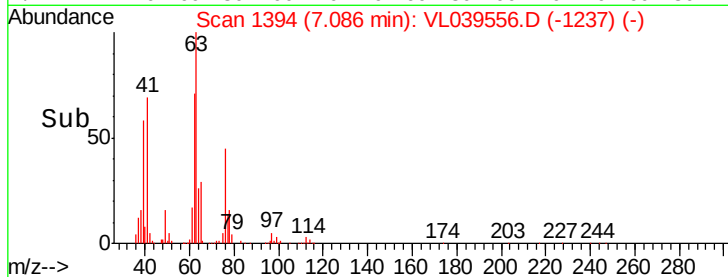
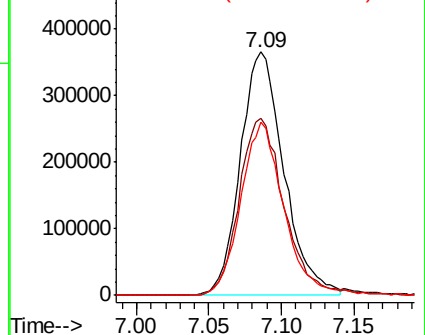
63 100

41 72.5 58.0 87.0

62 70.8 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: 5.609 ppbv

RT: 7.30 min Scan# 1461

Delta R.T. 0.01 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Tgt Ion: 88 Resp: 176385

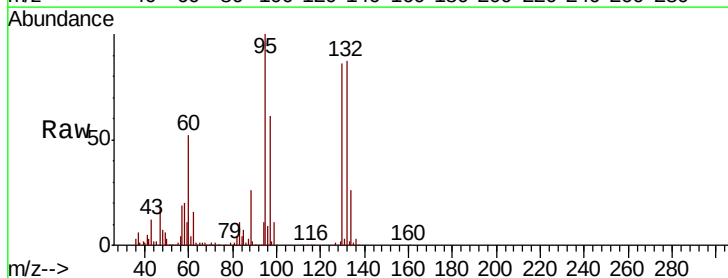
Ion Ratio Lower Upper

88 100

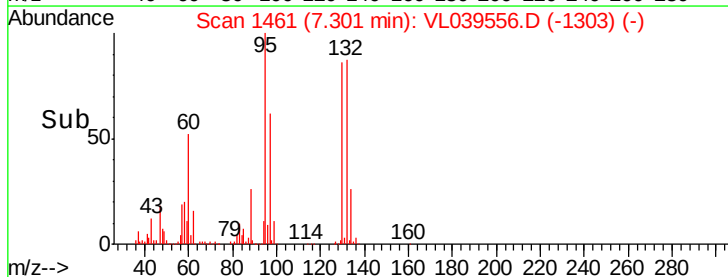
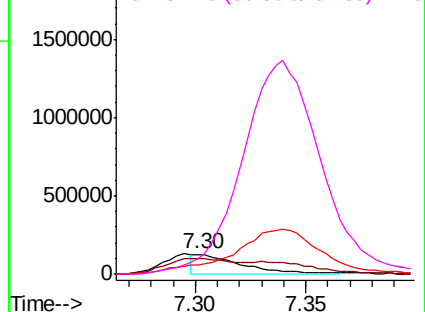
58 217.5 102.8 154.2#

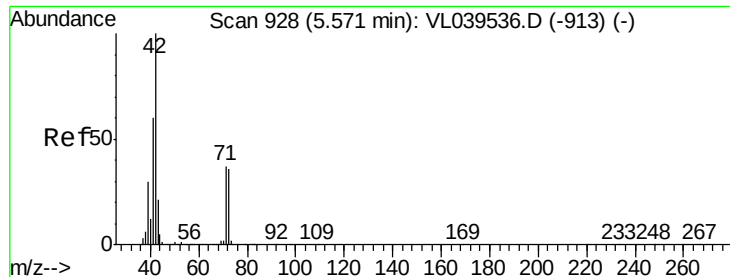
43 0.0 216.2 324.2#

57 0.0 910.0 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: 10.038 ppbv

RT: 5.57 Instrument: MSVOA_1

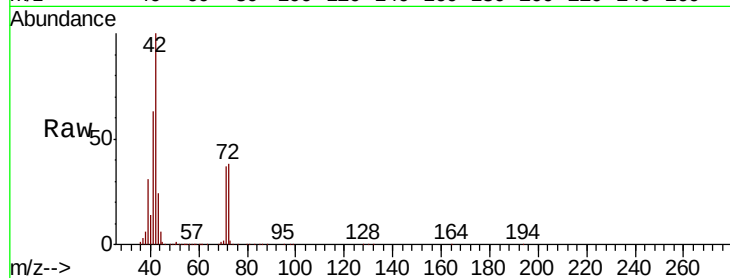
Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 17 Aug 2022 20:15

Tot Ion: 42 Resp: 823879

Ion	Ratio	Lower	Upper
42	100		
72	37.0	30.6	45.8
71	37.5	30.7	46.1

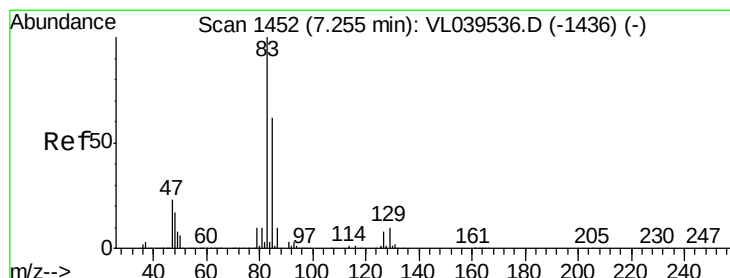
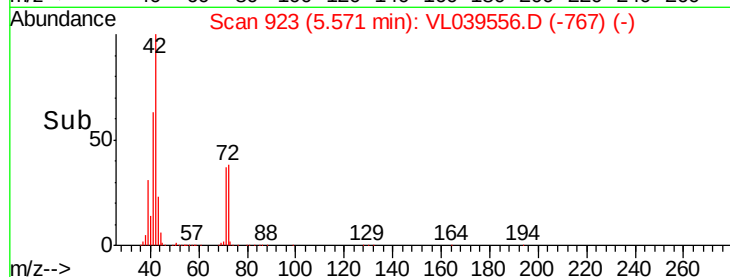
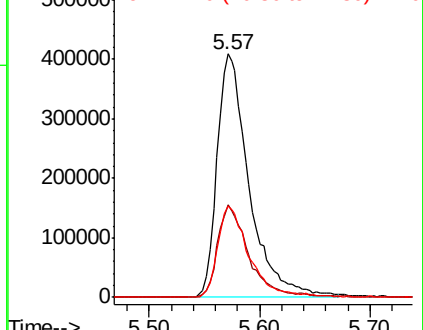


Abundance

Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 9.655 ppbv

RT: 7.26 min Scan# 1449

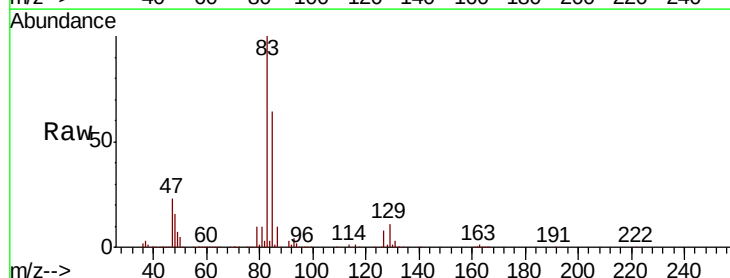
Delta R.T. 0.01 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Tgt Ion: 83 Resp: 1550410

Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.9	74.9
127	8.1	6.7	10.1

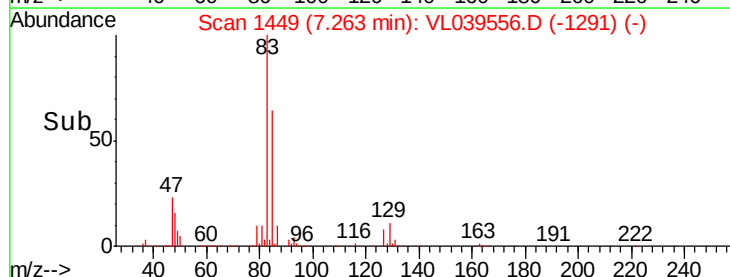
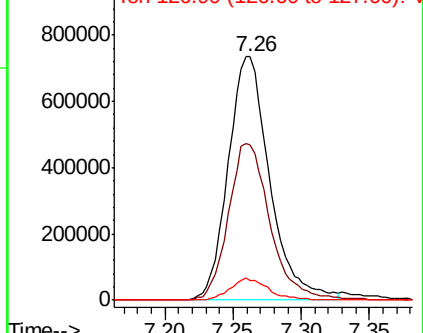


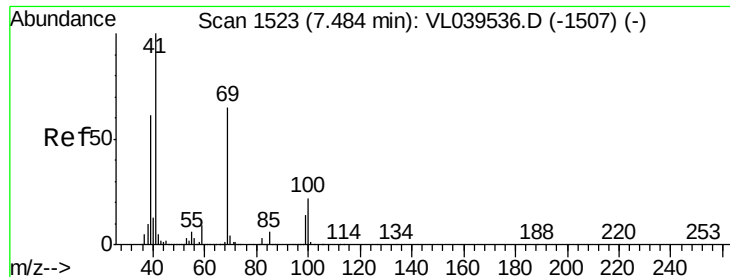
Abundance

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): VL0





#43

Methyl Methacrylate

Concen: 10.869 ppbv

RT: 7.49 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 20:15 VSTDCCC010EC

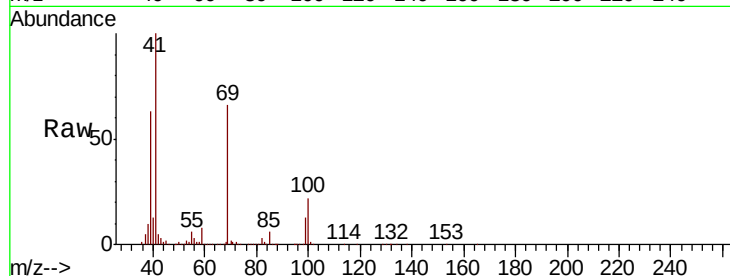
Tot Ion: 69 Resp: 832333

Ion Ratio Lower Upper

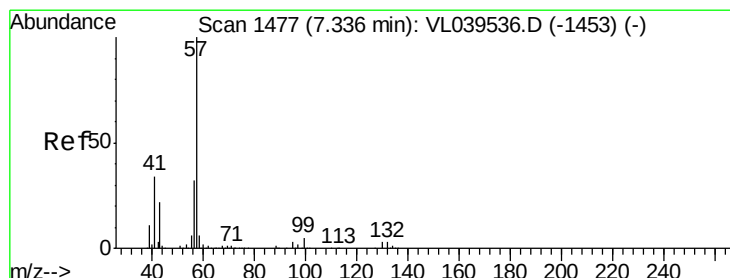
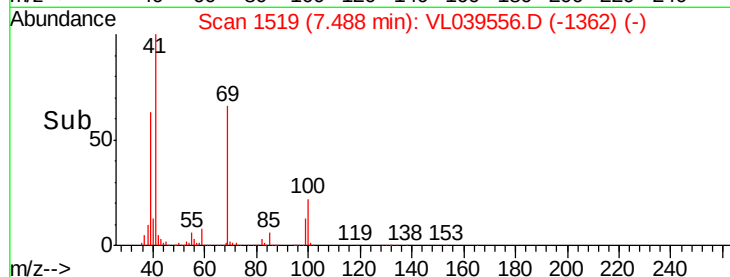
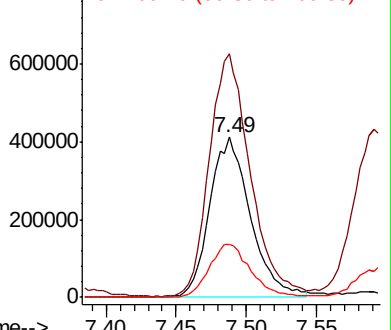
69 100

41 154.2 123.0 184.6

100 33.9 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: 9.465 ppbv

RT: 7.34 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

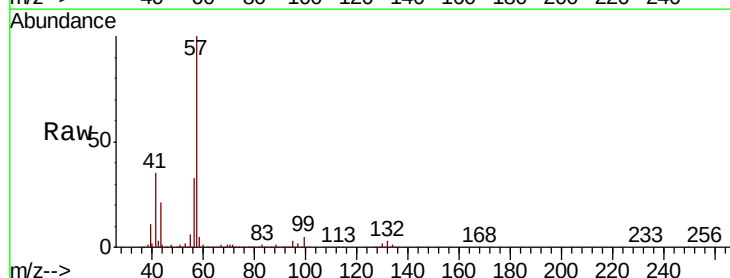
Tgt Ion: 57 Resp: 3372511

Ion Ratio Lower Upper

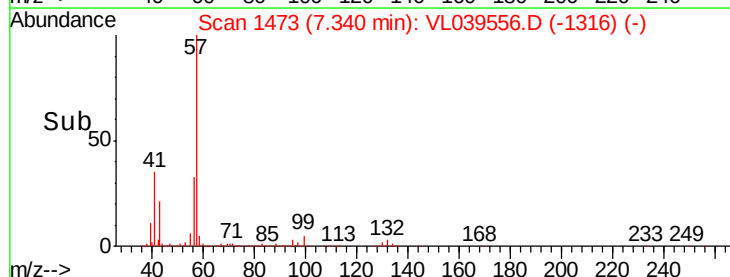
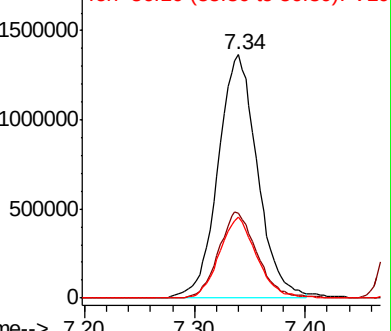
57 100

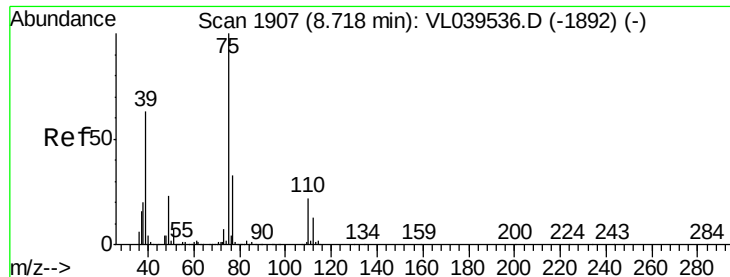
41 34.5 27.8 41.6

56 31.9 25.5 38.3



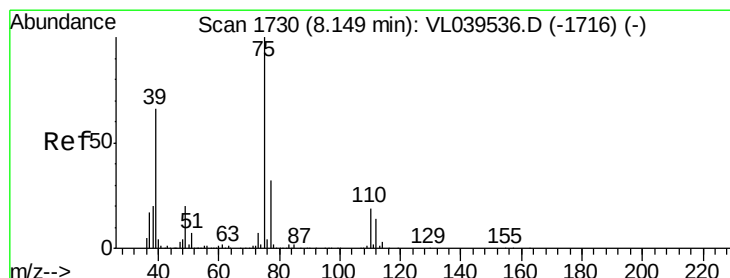
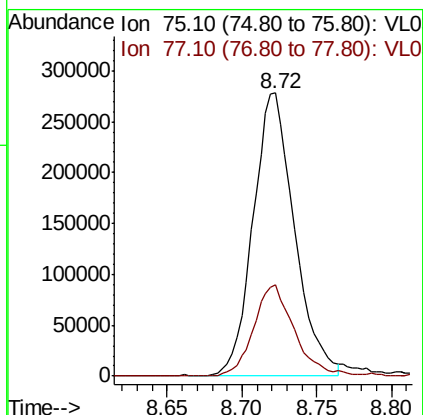
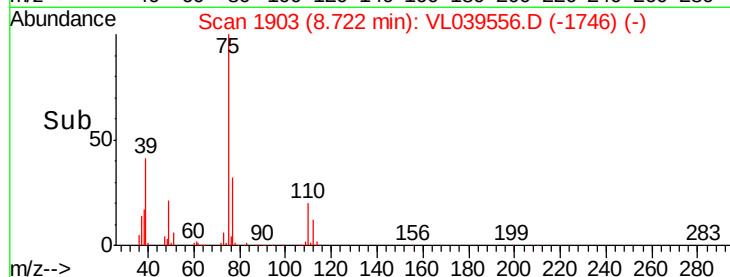
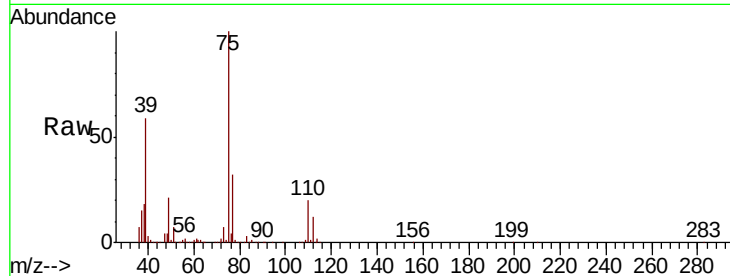
Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





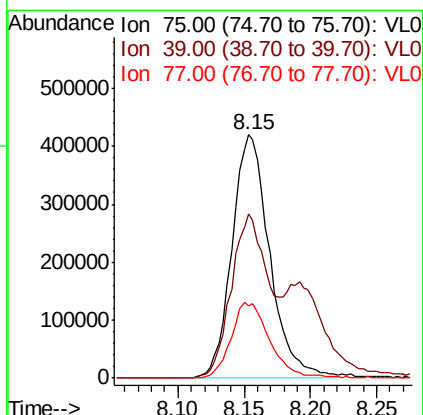
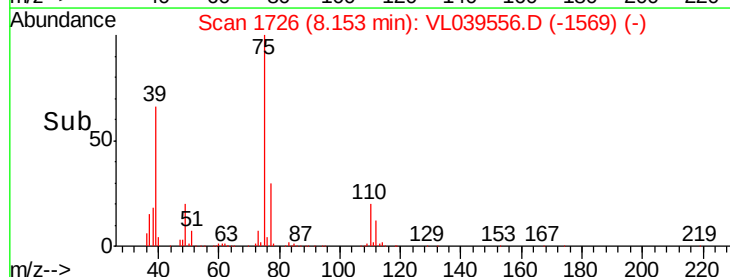
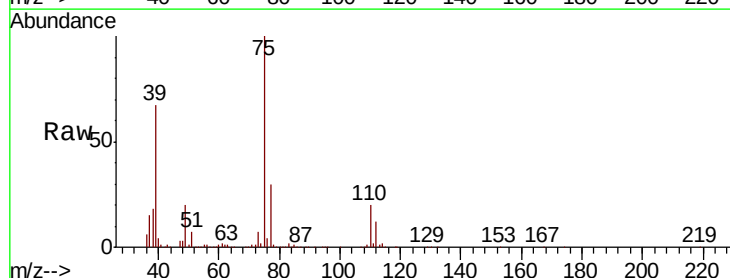
#45
t-1,3-Dichloropropene
Concen: 7.941 ppbv
RT: 8.72
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 17 Aug 2022 20:15

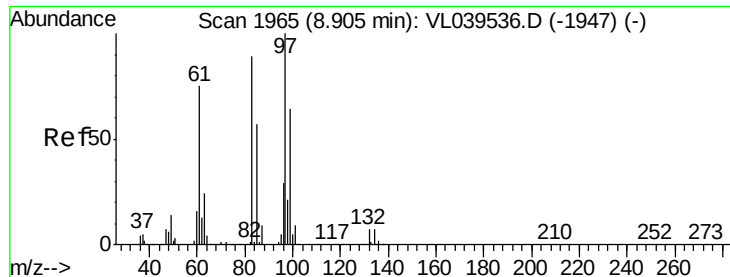
Tot Ion: 75 Resp: 534809
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2



#46
cis-1,3-Dichloropropene
Concen: 8.917 ppbv
RT: 8.15 min Scan# 1726
Delta R.T. 0.00 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

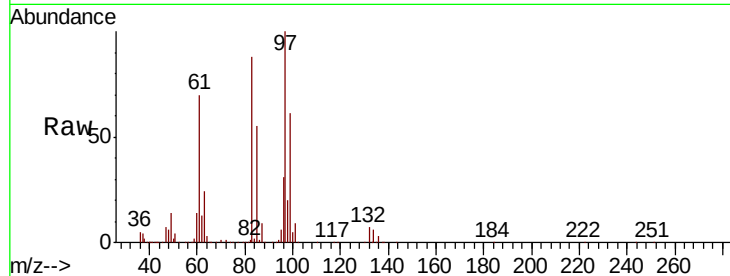
Tgt Ion: 75 Resp: 826363
Ion Ratio Lower Upper
75 100
39 67.2 52.8 79.2
77 29.8 25.3 37.9



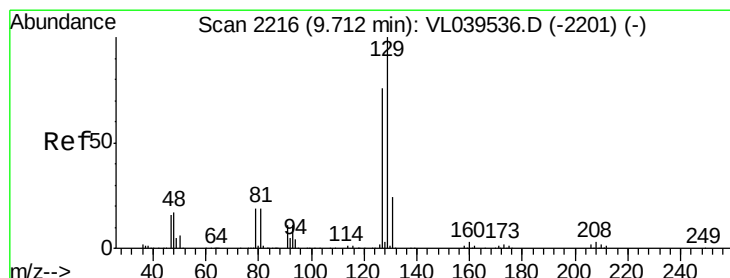
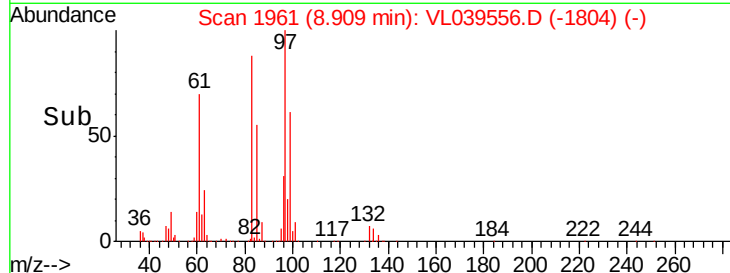
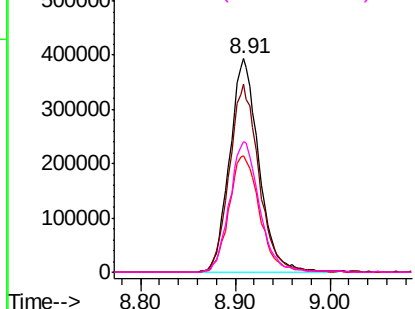


#47
 1,1,2-Trichloroethane
 Concen: 9.292 ppbv
 RT: 8.91 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Aug 2022 20:15

Tot Ion:	97	Resp:	844003
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.8	106.2
85	54.7	45.4	68.2
99	61.0	51.5	77.3

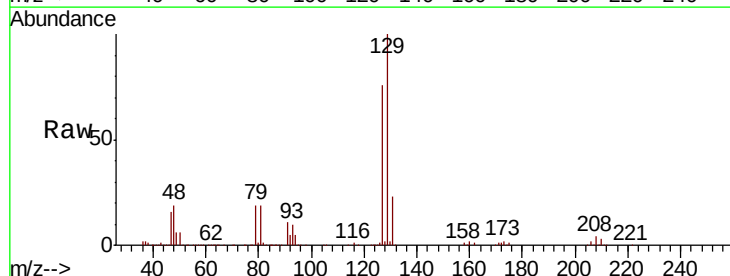


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

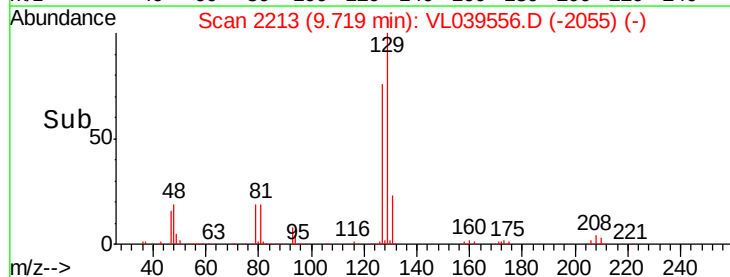
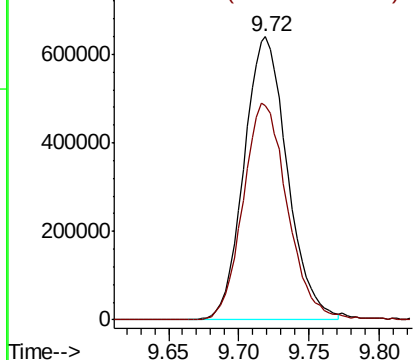


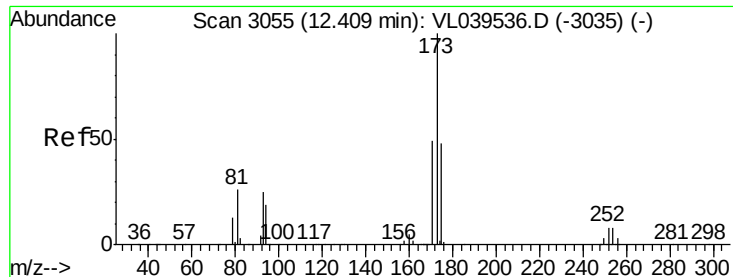
#48
 Dibromochloromethane
 Concen: 10.187 ppbv
 RT: 9.72 min Scan# 2213
 Delta R.T. 0.01 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion:	129	Resp:	1375682
Ion	Ratio	Lower	Upper
129	100		
127	79.0	38.8	116.3



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.537 ppbv

RT: 12.41

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDCCC010EC

Acq: 17 Aug 2022 20:15

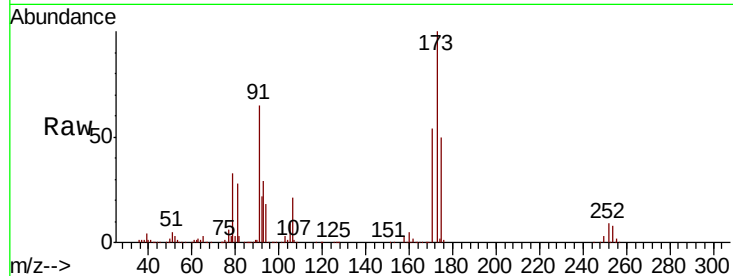
Tot Ion:173 Resp: 1177202

Ion Ratio Lower Upper

173 100

175 49.9 0.0 0.0#

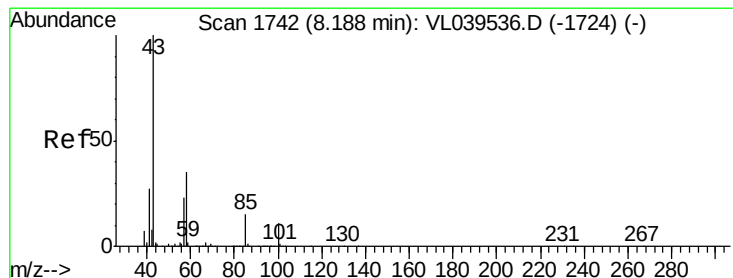
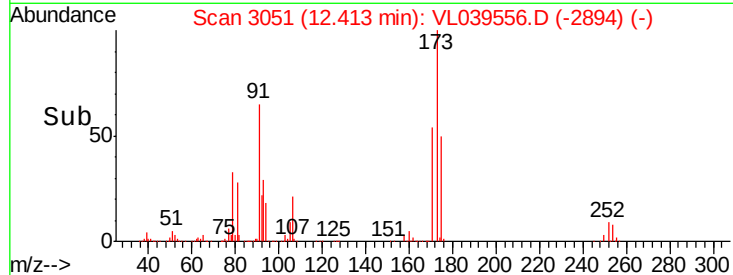
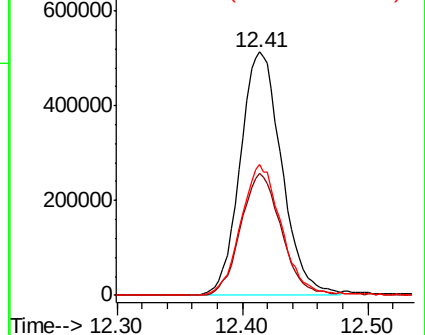
171 52.9 0.0 0.0#



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: 10.173 ppbv

RT: 8.19 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VL039556.D

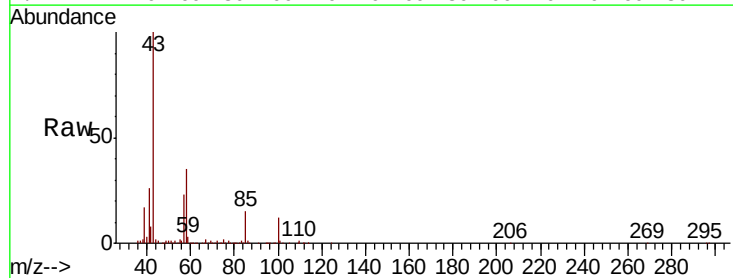
Acq: 17 Aug 2022 20:15

Tgt Ion: 43 Resp: 2183694

Ion Ratio Lower Upper

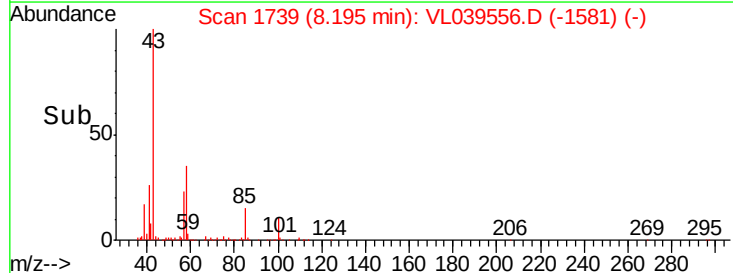
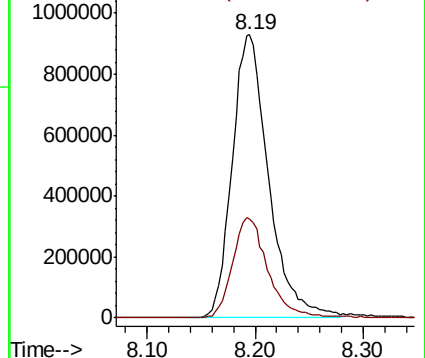
43 100

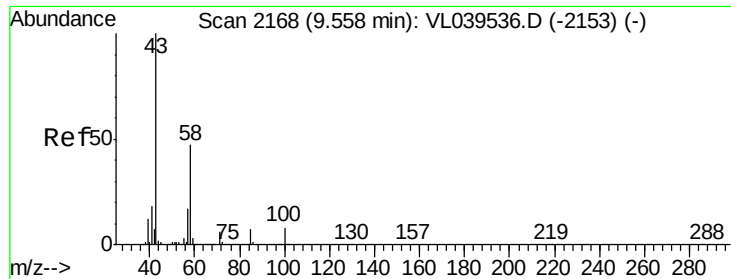
58 34.8 28.0 42.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

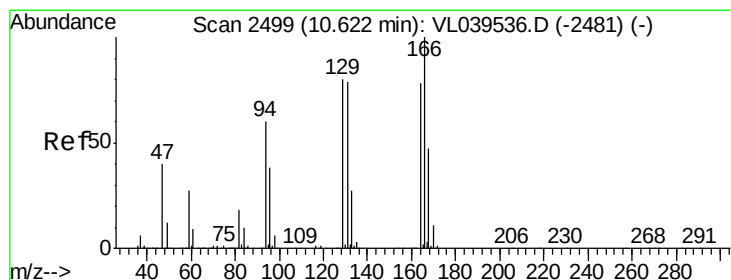
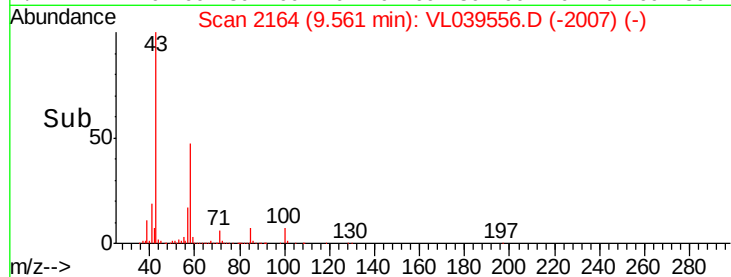
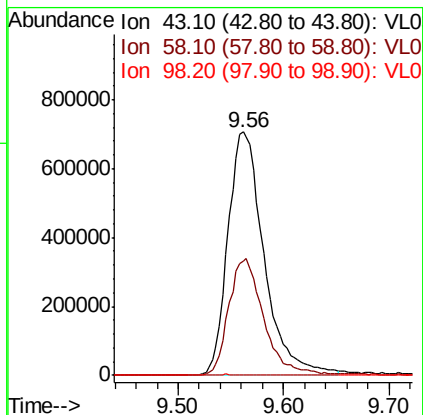
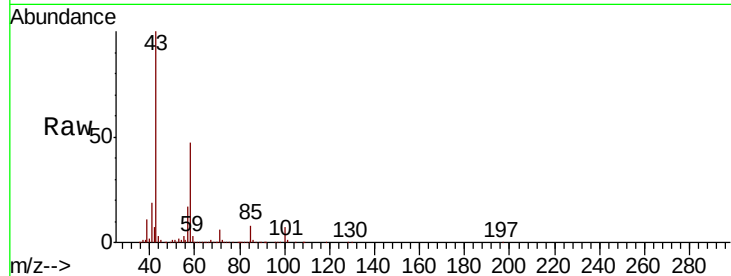
Ion 58.10 (57.80 to 58.80): VL0





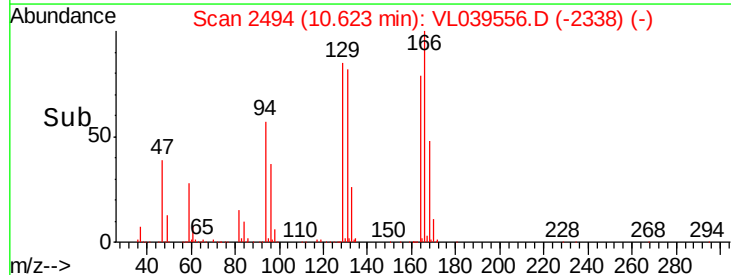
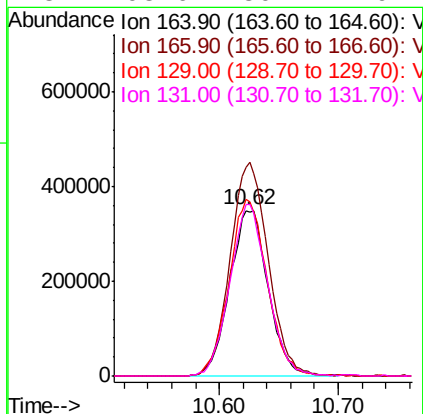
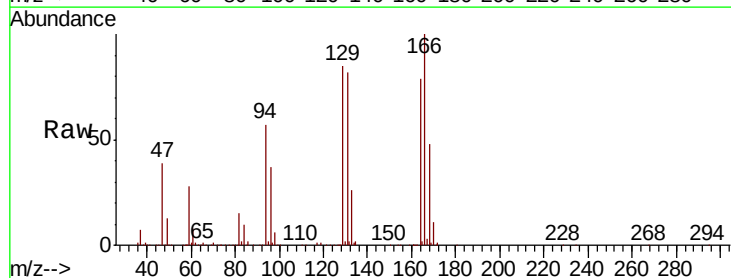
#51
2-Hexanone
Concen: 10.620 ppbv
RT: 9.56
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Aug 2022 20:15
VSTDCCC010EC

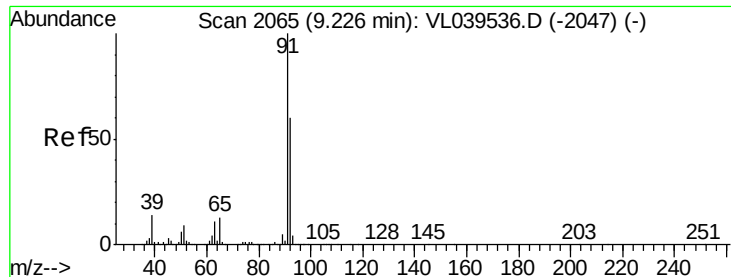
Tot Ion	Ratio	Lower	Upper
43	100		
58	47.0	37.5	56.3
98	0.6	0.5	0.7



#52
Tetrachloroethene
Concen: 9.410 ppbv
RT: 10.62 min Scan# 2494
Delta R.T. 0.00 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	102.0	153.0
129	106.4	81.7	122.5
131	103.6	80.2	120.2





#53

Toluene

Concen: 10.047 ppbv

RT: 9.23 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

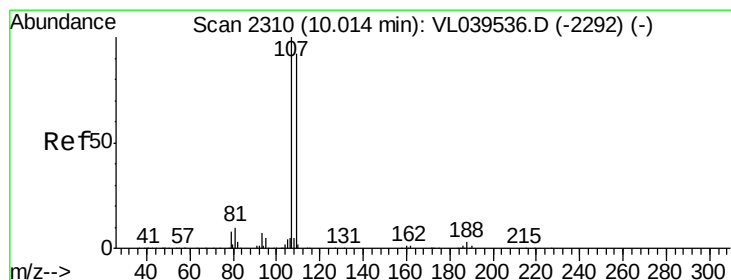
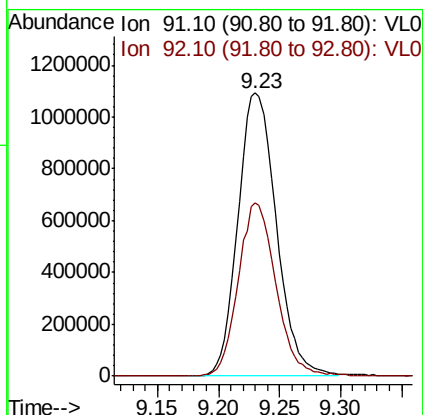
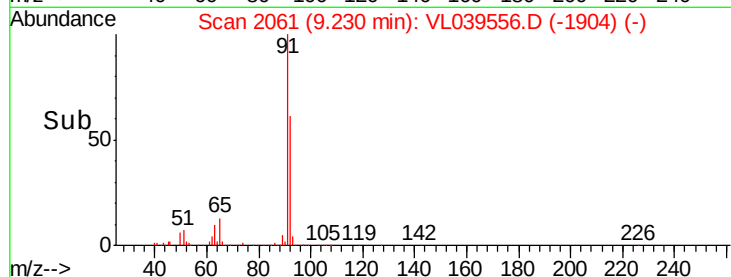
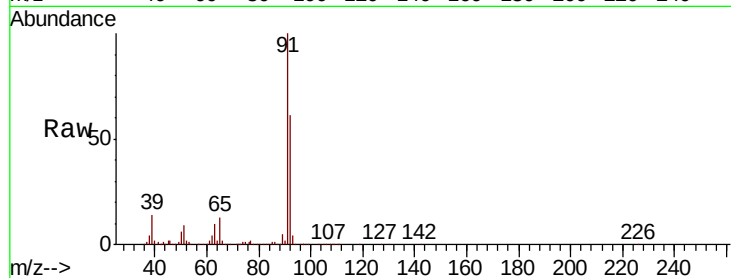
Acq: 17 Aug 2022 20:15 VSTDCCC010EC

Tot Ion: 91 Resp: 2380836

Ion Ratio Lower Upper

91 100

92 60.1 47.9 71.9



#54

1,2-Dibromoethane

Concen: 10.599 ppbv

RT: 10.02 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VL039556.D

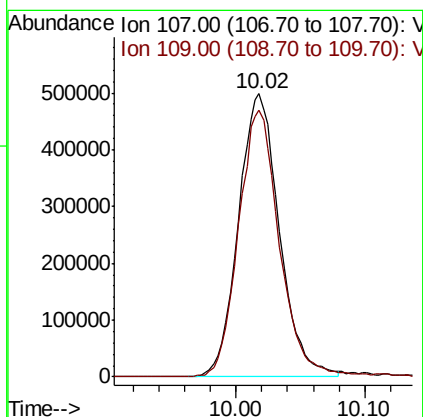
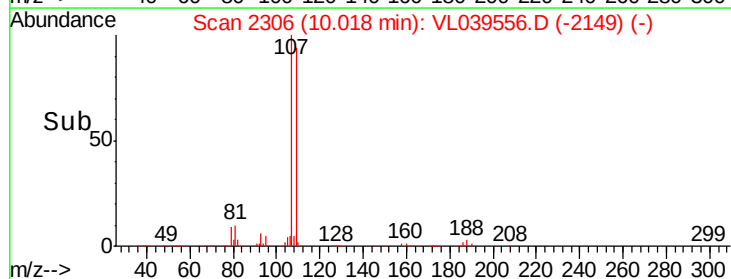
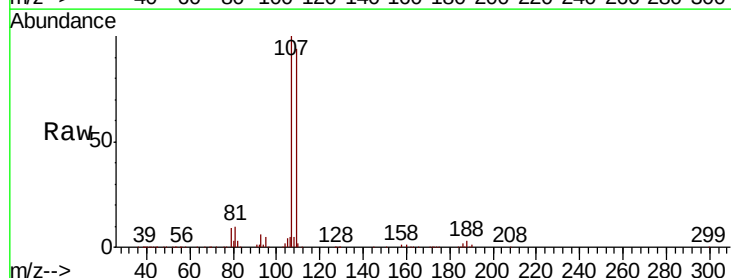
Acq: 17 Aug 2022 20:15

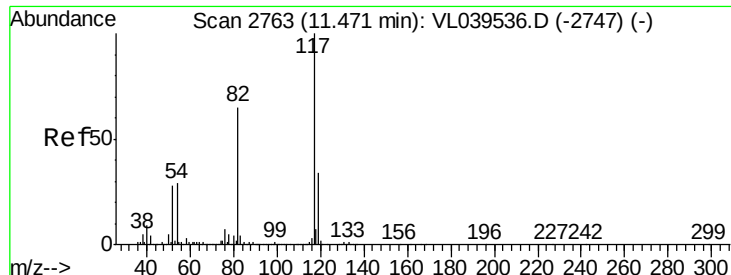
Tgt Ion: 107 Resp: 1098222

Ion Ratio Lower Upper

107 100

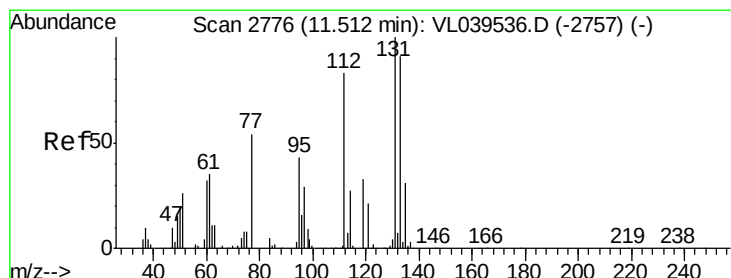
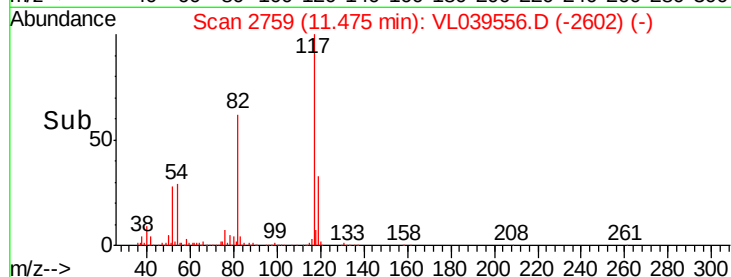
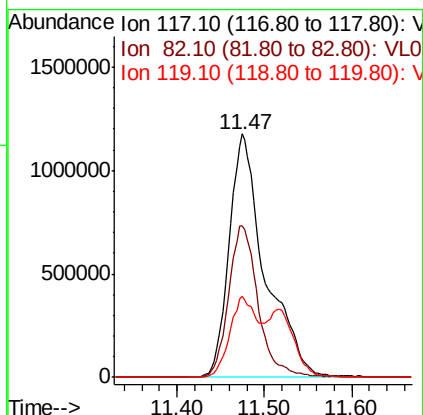
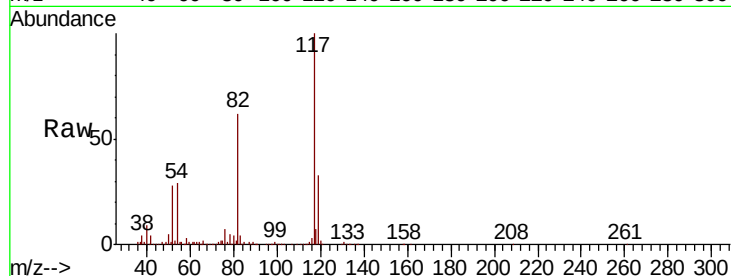
109 94.0 73.4 110.2





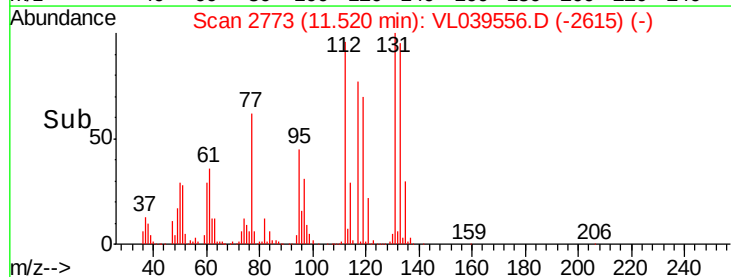
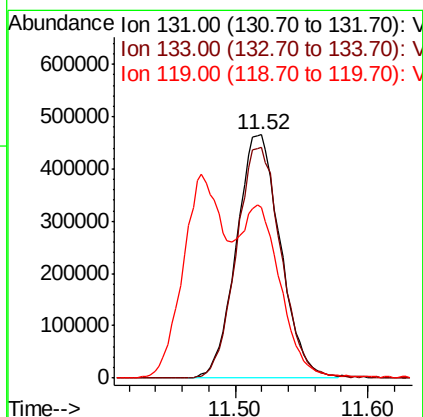
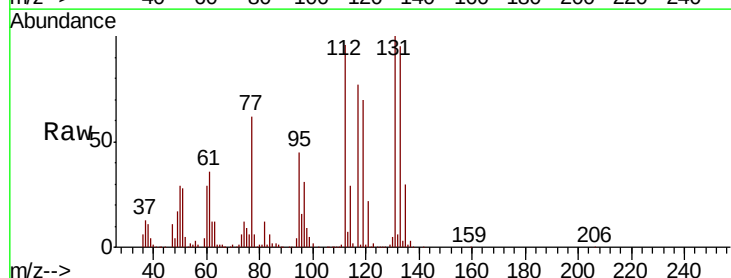
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 11.47 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VSTDCCC010EC
 Acq: 17 Aug 2022 20:15

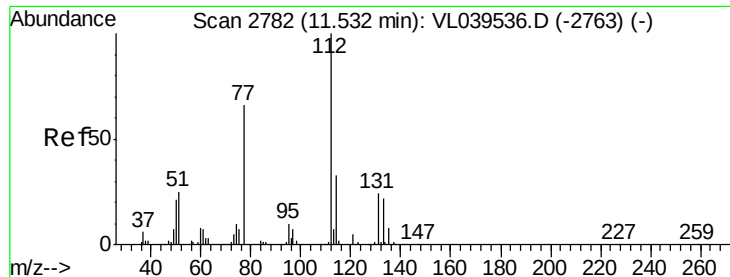
Tot Ion:117 Resp: 3349995
 Ion Ratio Lower Upper
 117 100
 82 51.6 49.1 73.7
 119 25.2 25.9 38.9#



#56
 1,1,1,2-Tetrachloroethane
 Concen: 7.720 ppbv
 RT: 11.52 min Scan# 2773
 Delta R.T.: 0.01 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

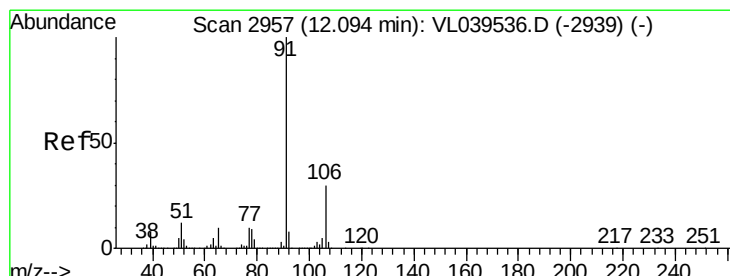
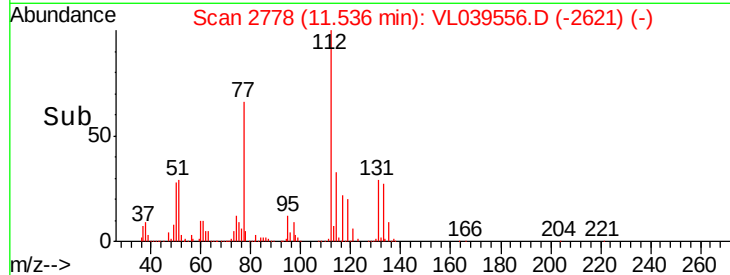
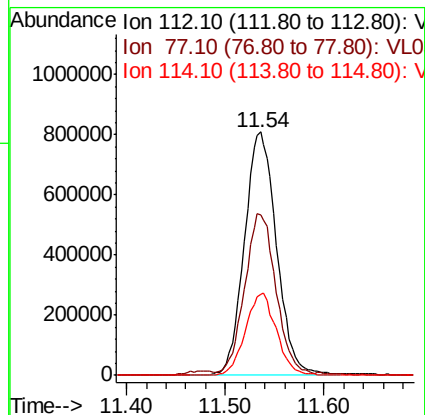
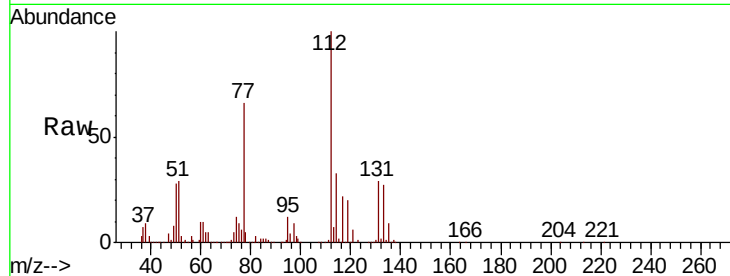
Tgt Ion:131 Resp: 1064457
 Ion Ratio Lower Upper
 131 100
 133 97.3 75.4 113.2
 119 67.5 47.4 71.2





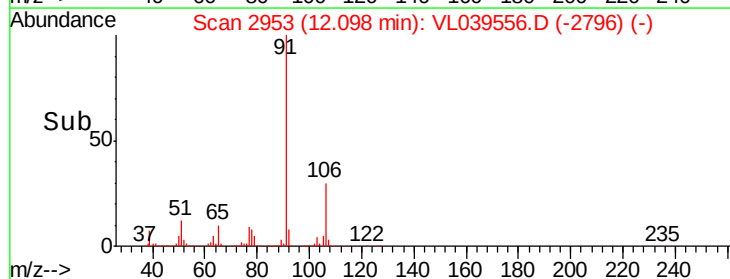
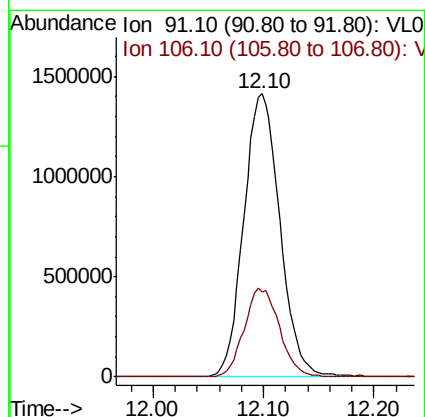
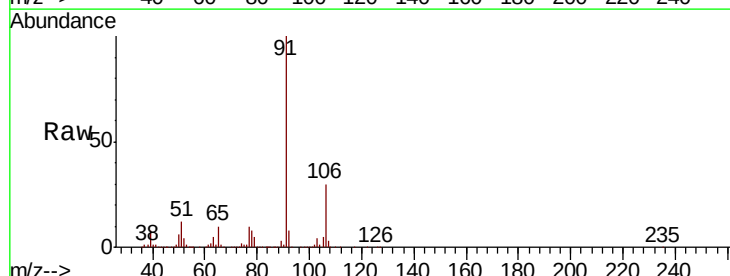
#57
Chlorobenzene
Concen: 7.226 ppbv
RT: 11.54
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 17 Aug 2022 20:15

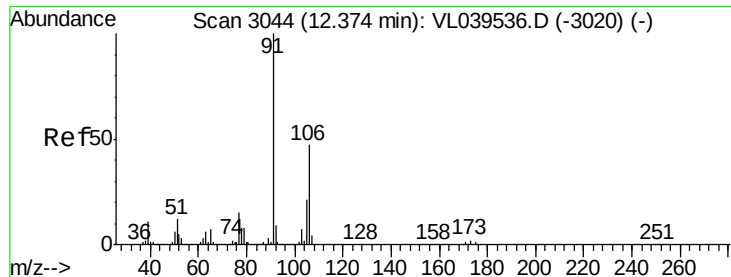
Tot Ion:112 Resp: 1820058
Ion Ratio Lower Upper
112 100
77 65.5 53.4 80.0
114 33.1 29.5 36.1



#58
Ethyl Benzene
Concen: 8.257 ppbv
RT: 12.10 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

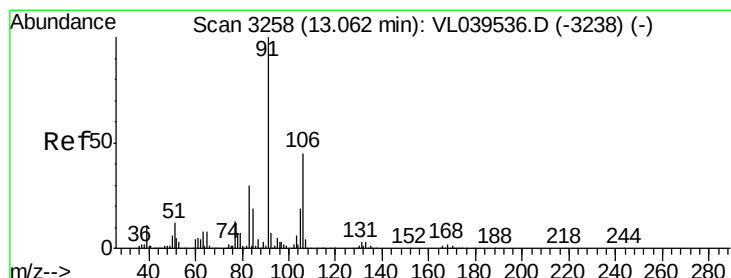
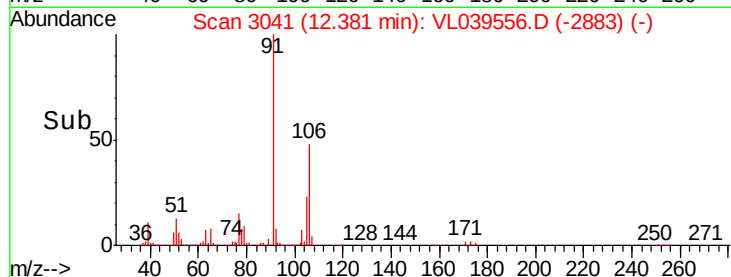
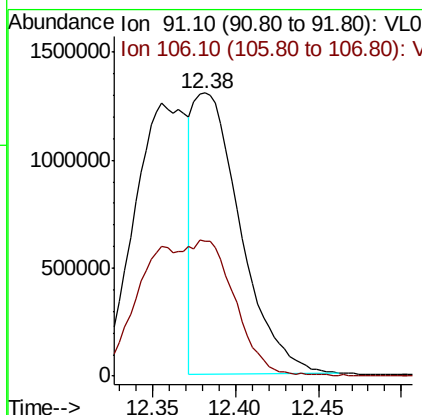
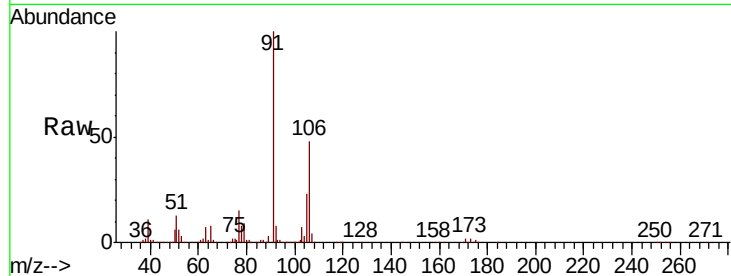
Tgt Ion: 91 Resp: 3203056
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.4





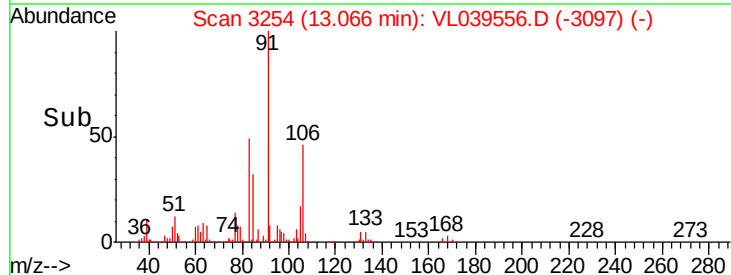
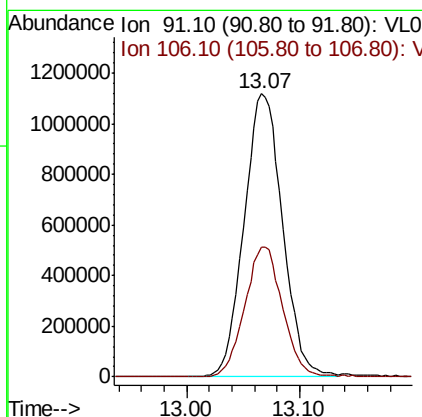
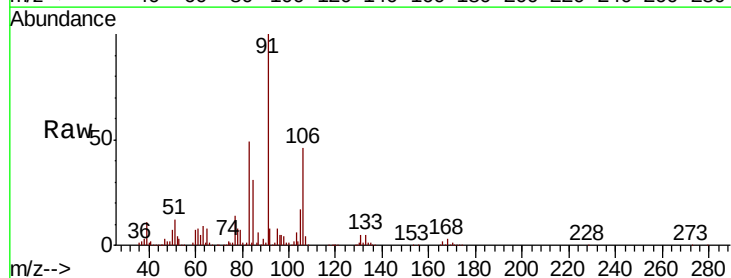
#59
m/p-Xylene
Concen: 7.370 ppbv
RT: 12.38 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 17 Aug 2022 20:15

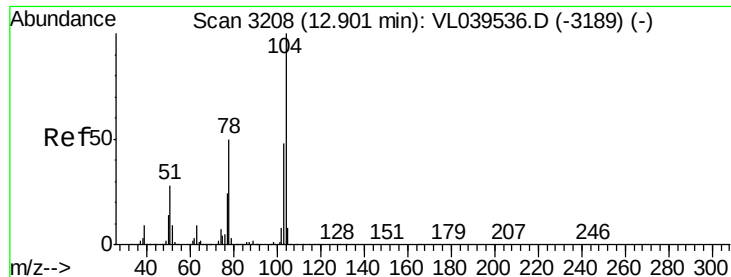
Tot Ion: 91 Resp: 2570519
Ion Ratio Lower Upper
91 100
106 95.0 0.0 0.0#



#60
o-Xylene
Concen: 7.889 ppbv
RT: 13.07 min Scan# 3254
Delta R.T. 0.00 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 91 Resp: 2638196
Ion Ratio Lower Upper
91 100
106 45.5 22.7 68.0

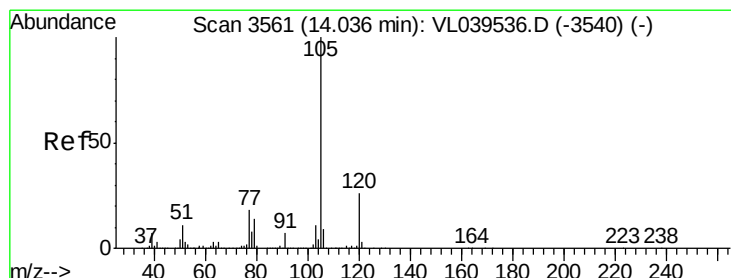
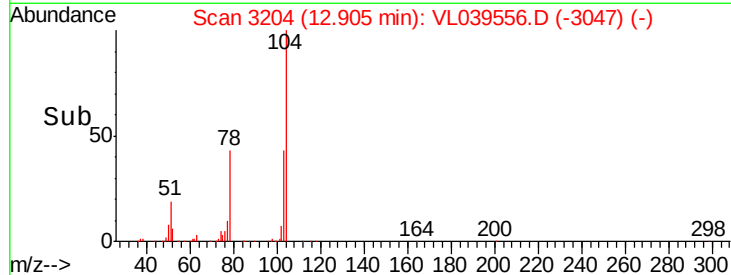
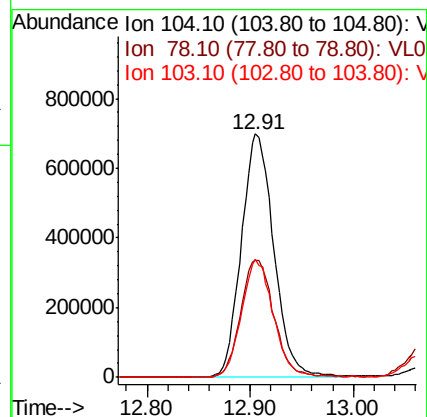
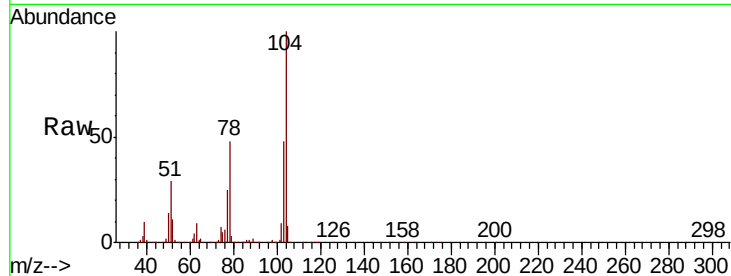




#61
Stvrene
Concen: 8.615 ppbv
RT: 12.91 min
Delta R.T.: 0.00 min
Lab File: VSTDCCC010EC
Acq: 17 Aug 2022 20:15

Tot Ion:104 Resp: 1536891

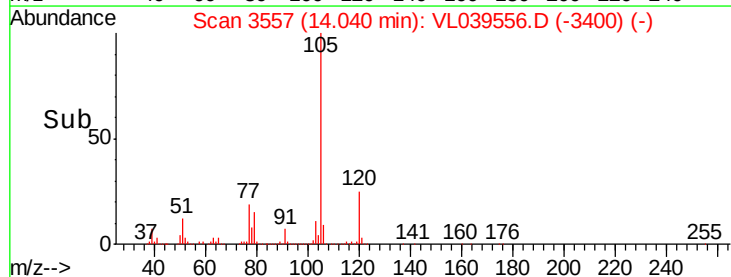
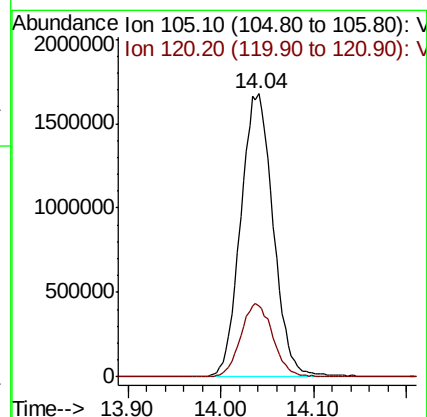
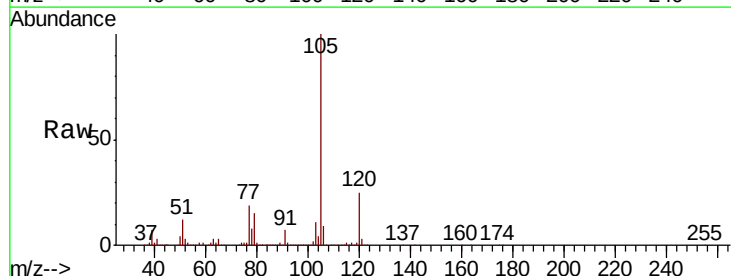
Ion	Ratio	Lower	Upper
104	100		
78	49.5	40.0	60.0
103	47.7	38.2	57.2

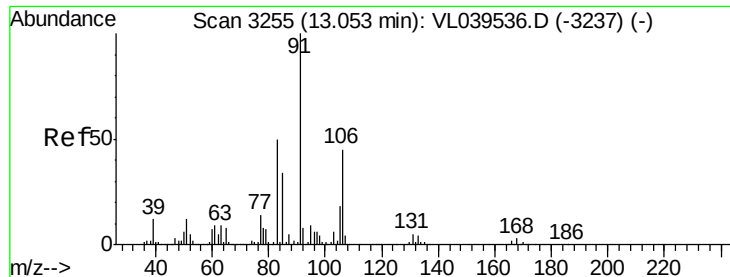


#62
Isopropylbenzene
Concen: 8.057 ppbv
RT: 14.04 min Scan# 3557
Delta R.T.: 0.00 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion:105 Resp: 4077194

Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.6	30.8





#63

1,1,2,2-Tetrachloroethane

Concen: 10.077 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 20:15

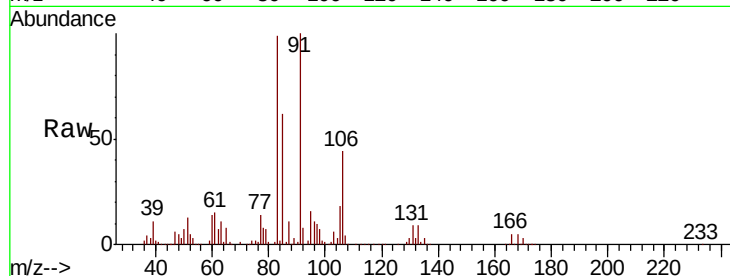
Tot Ion: 83 Resp: 1694533

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

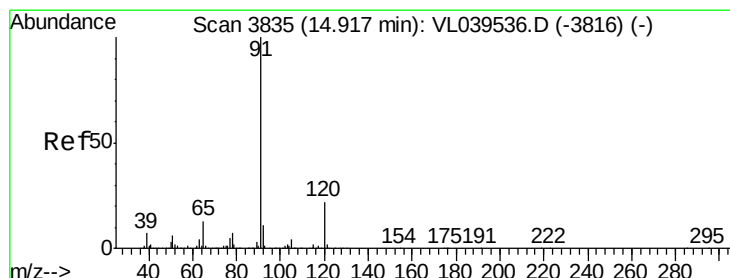
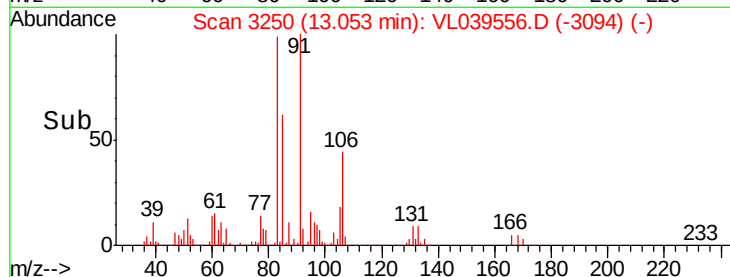
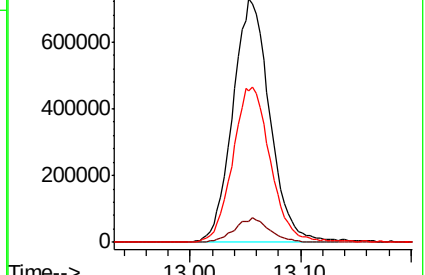
85 65.3 33.2 99.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.136 ppbv

RT: 14.92 min Scan# 3831

Delta R.T. 0.00 min

Lab File: VL039556.D

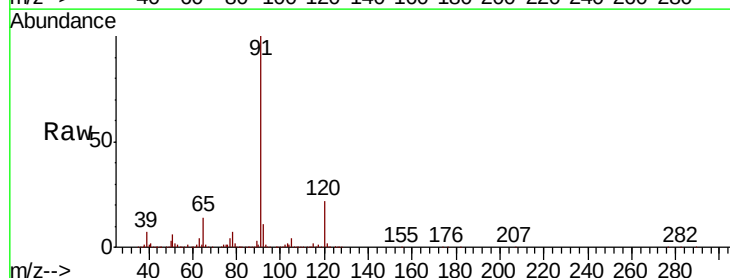
Acq: 17 Aug 2022 20:15

Tgt Ion:120 Resp: 1073626

Ion Ratio Lower Upper

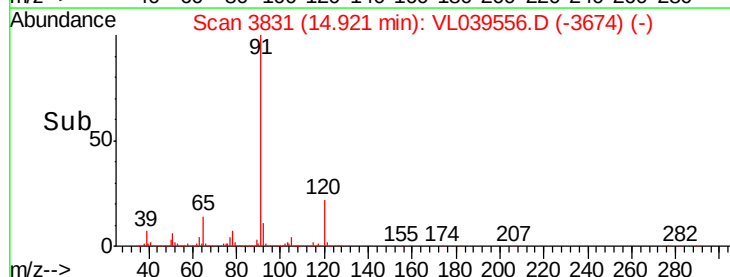
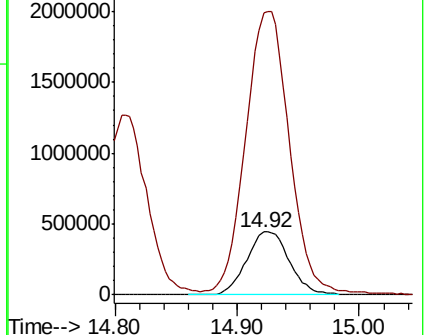
120 100

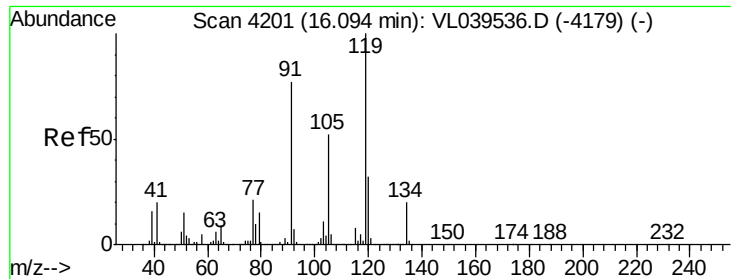
91 466.4 372.6 559.0



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

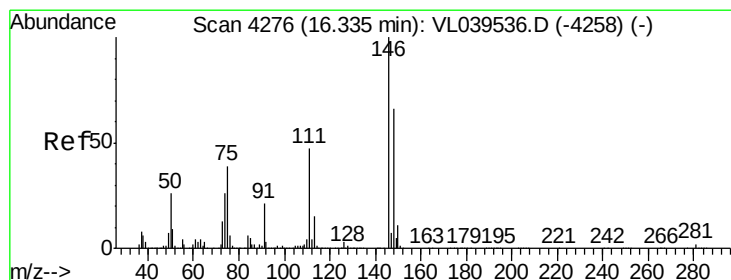
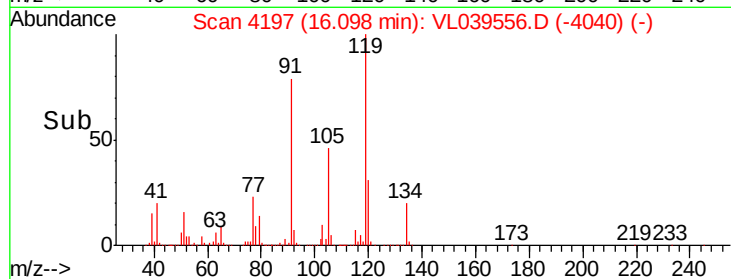
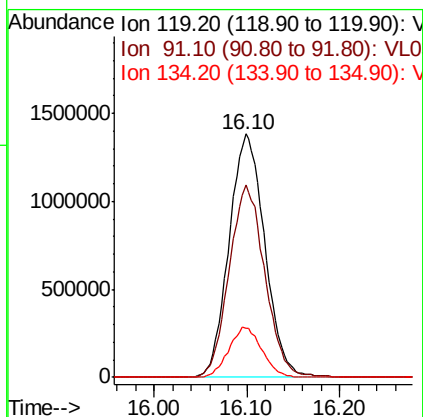
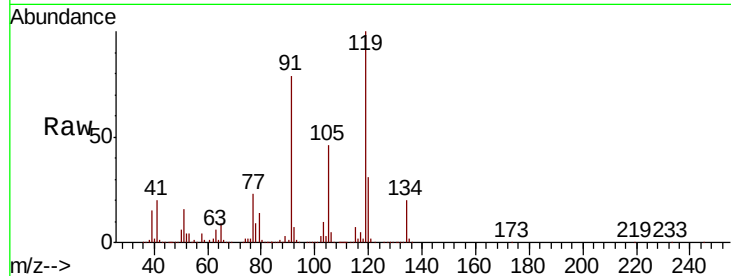




#65
 tert-Butylbenzene
 Concen: 8.158 ppbv
 RT: 16.10 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VSTDCCC010EC
 Acq: 17 Aug 2022 20:15

Tot Ion: 119 Resp: 3681108

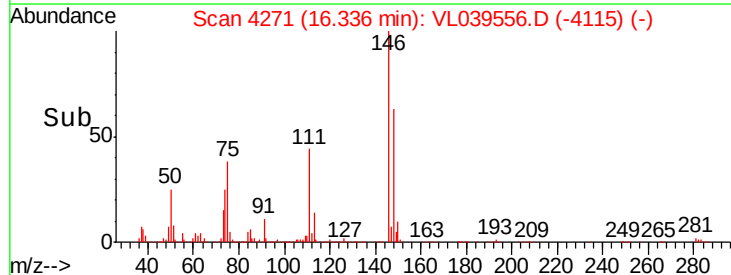
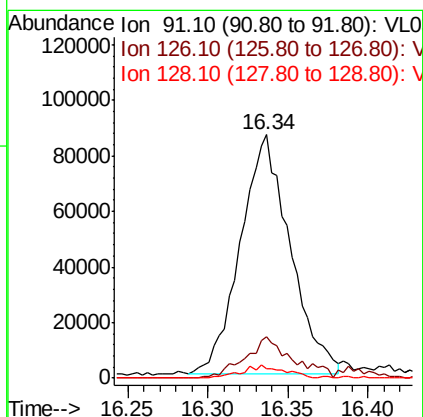
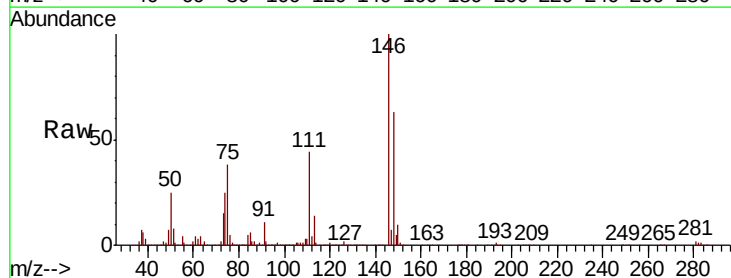
Ion	Ratio	Lower	Upper
119	100		
91	79.3	63.8	95.8
134	19.3	15.4	23.2

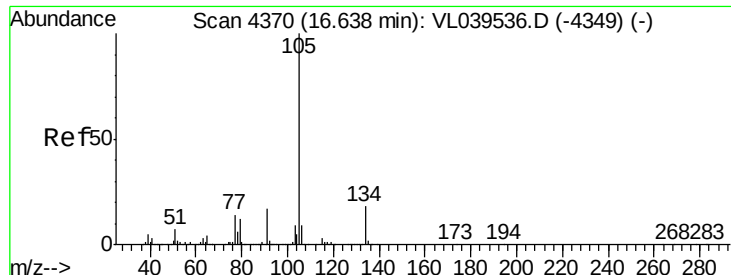


#66
 Benzyl Chloride
 Concen: 4.738 ppbv
 RT: 16.34 min Scan# 4271
 Delta R.T.: 0.00 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion: 91 Resp: 183453

Ion	Ratio	Lower	Upper
91	100		
126	19.8	0.0	0.0#
128	4.8	1.5	2.3#





#67

sec-Butylbenzene

Concen: 8.107 ppbv

RT: 16.64

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

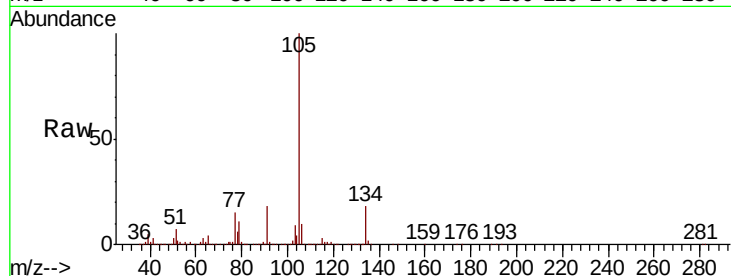
Acq: 17 Aug 2022 20:15

Tot Ion: 105 Resp: 5165563

Ion Ratio Lower Upper

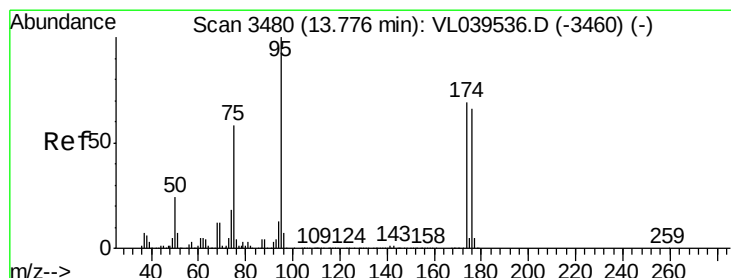
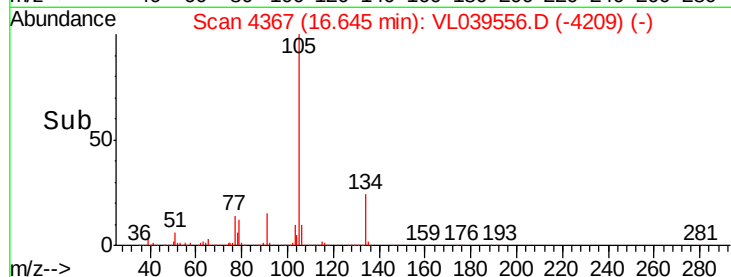
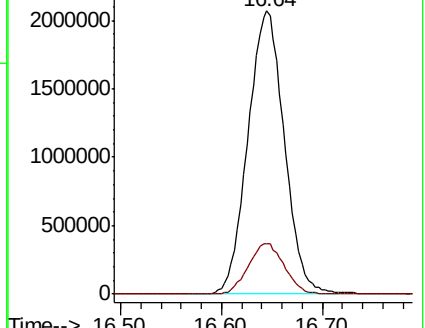
105 100

134 17.8 14.3 21.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.286 ppbv

RT: 13.78 min Scan# 3477

Delta R.T. 0.01 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

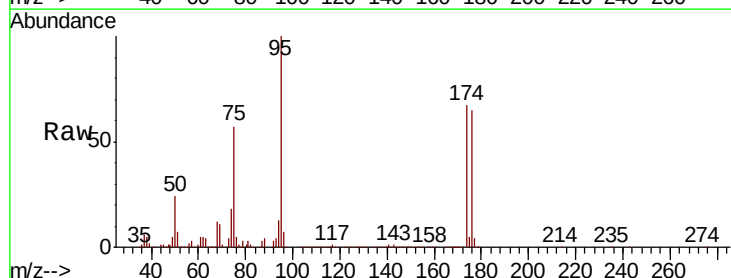
Tgt Ion: 95 Resp: 2089606

Ion Ratio Lower Upper

95 100

174 70.6 56.3 84.5

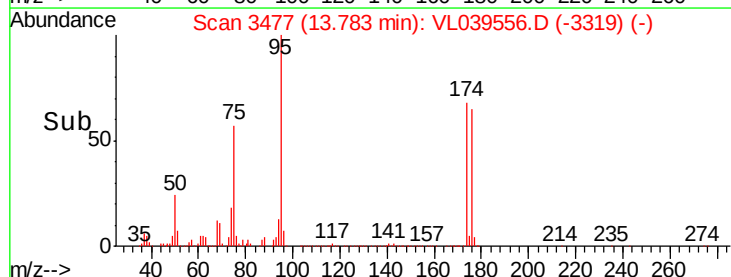
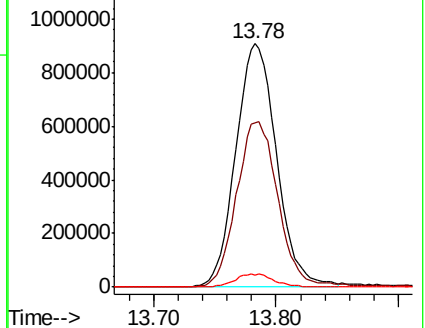
175 5.3 4.3 6.5

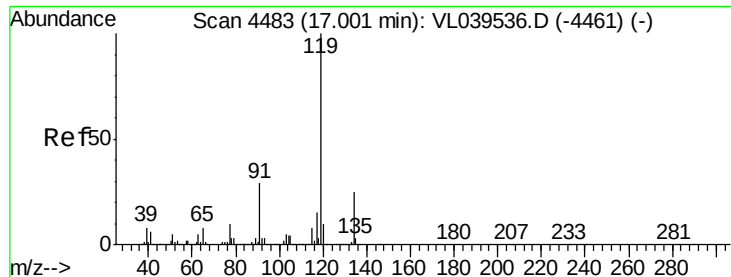


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

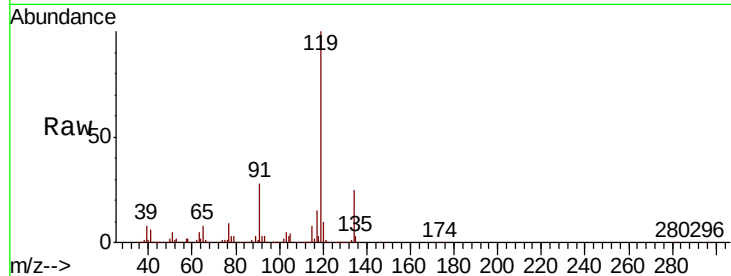
Ion 175.00 (174.70 to 175.70): V



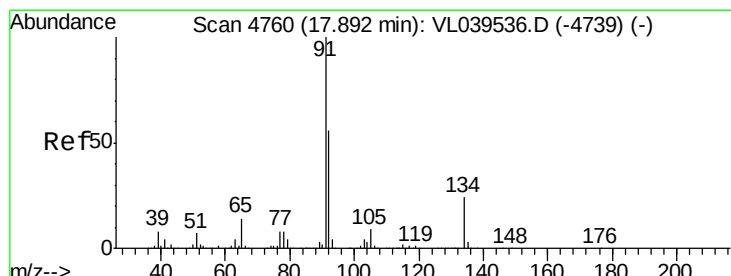
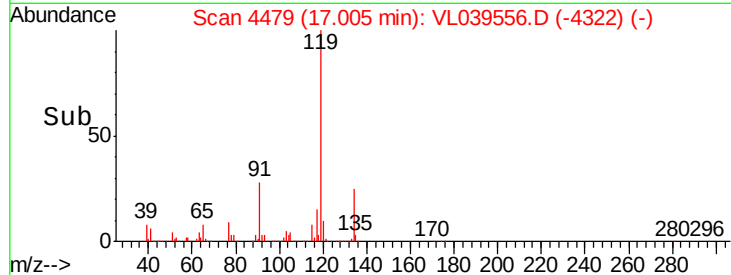
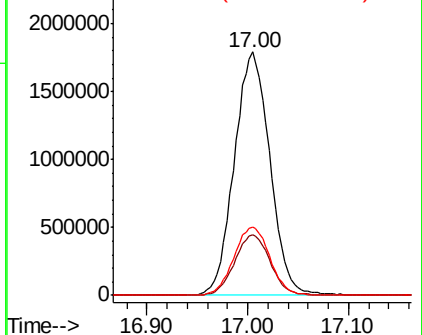


#69
 p-Isopropyltoluene
 Concen: 8.257 ppbv
 RT: 17.00 min
 Instrument: MSVOA_1
 Delta R.T.: 0.00 min
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 17 Aug 2022 20:15

Tot Ion:	119	Resp:	4383173
Ion	Ratio	Lower	Upper
119	100		
134	25.0	19.8	29.6
91	28.6	22.6	33.8

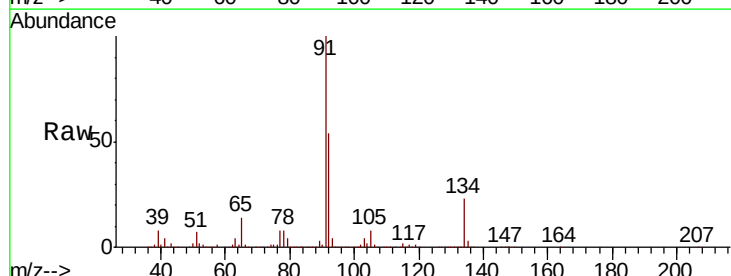


Abundance Ion 119.10 (118.80 to 119.80): VL0
 Ion 134.20 (133.90 to 134.90): VL0
 Ion 91.10 (90.80 to 91.80): VL0

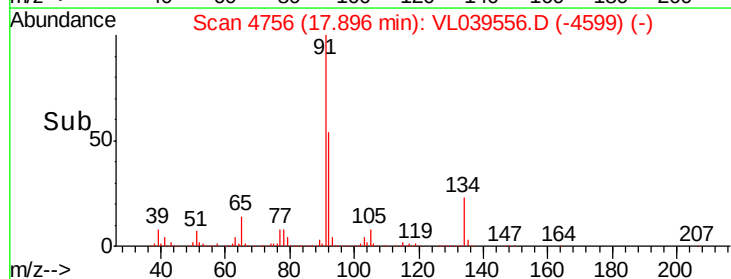
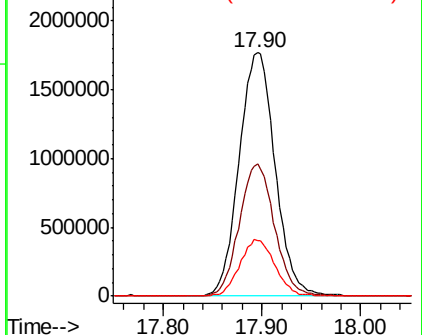


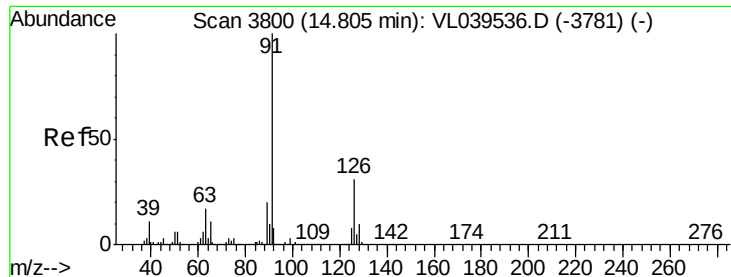
#70
 n-Butylbenzene
 Concen: 8.464 ppbv
 RT: 17.90 min Scan# 4756
 Delta R.T.: 0.00 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion:	91	Resp:	4460443
Ion	Ratio	Lower	Upper
91	100		
92	53.4	43.0	64.6
134	22.9	18.1	27.1



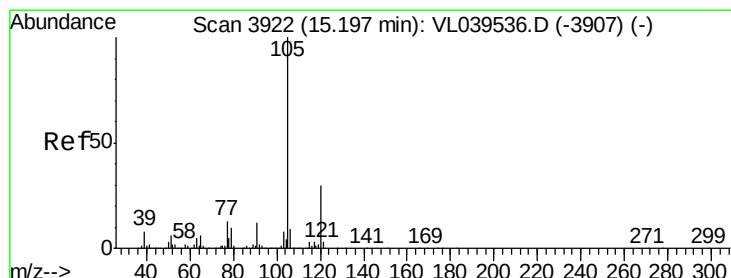
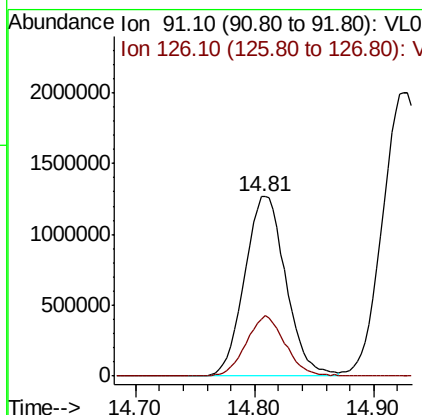
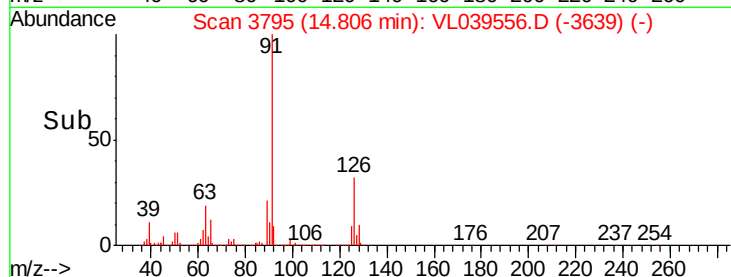
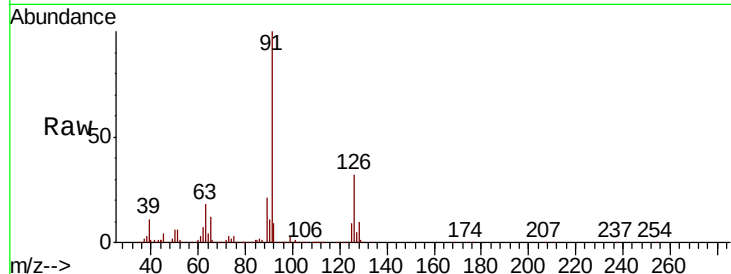
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): VL0





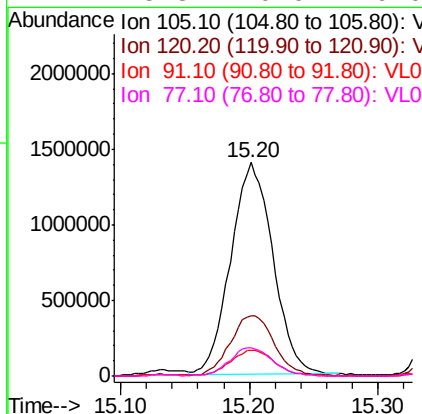
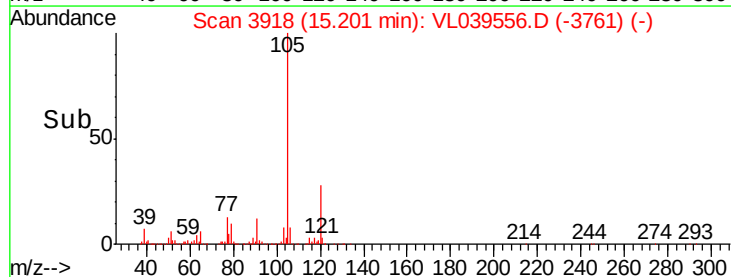
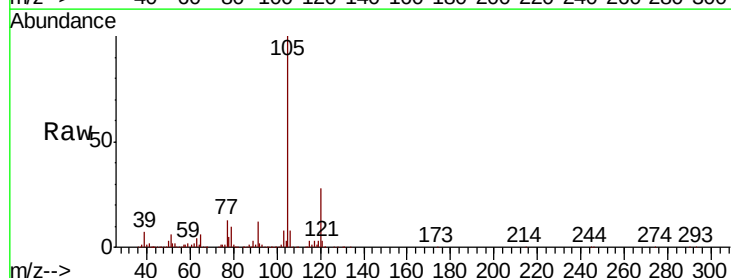
#71
 2-Chlorotoluene
 Concen: 8.285 ppbv
 RT: 14.81 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Aug 2022 20:15

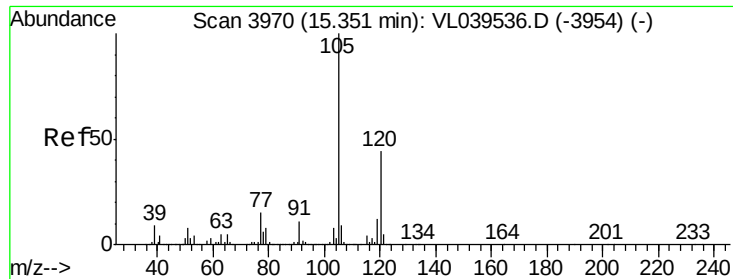
Tot Ion: 91 Resp: 3038315
 Ion Ratio Lower Upper
 91 100
 126 32.3 12.9 51.5



#72
 4-Ethyltoluene
 Concen: 8.170 ppbv
 RT: 15.20 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

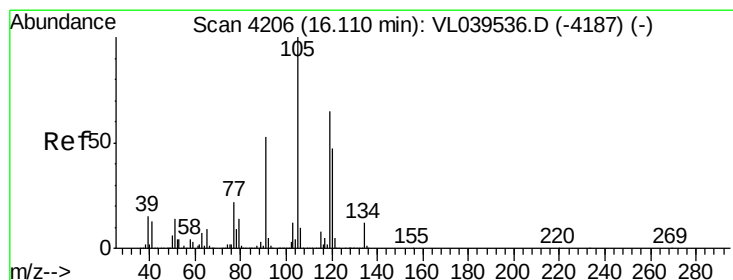
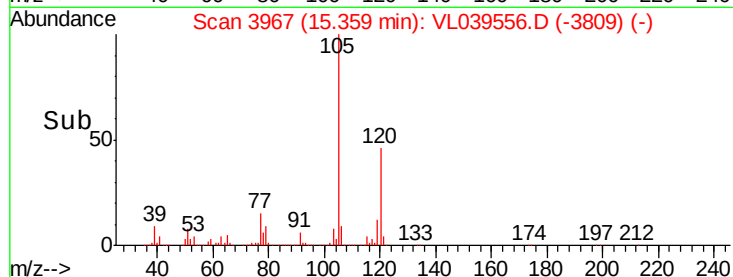
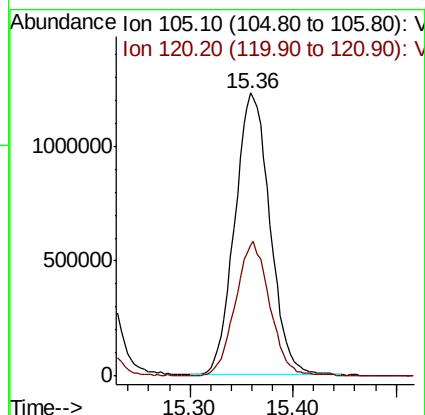
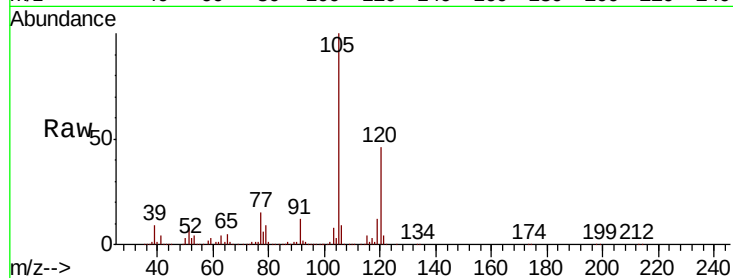
Tgt Ion:105 Resp: 3210017
 Ion Ratio Lower Upper
 105 100
 120 29.6 0.0 0.0#
 91 12.6 0.0 0.0#
 77 13.8 0.0 0.0#





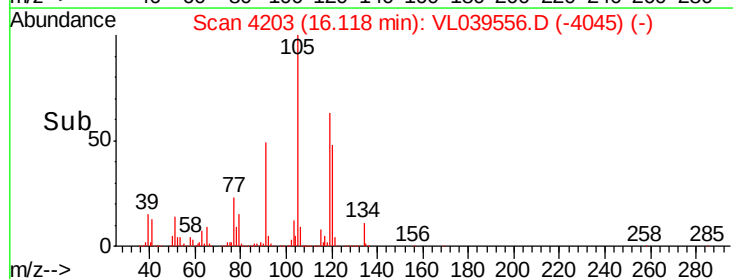
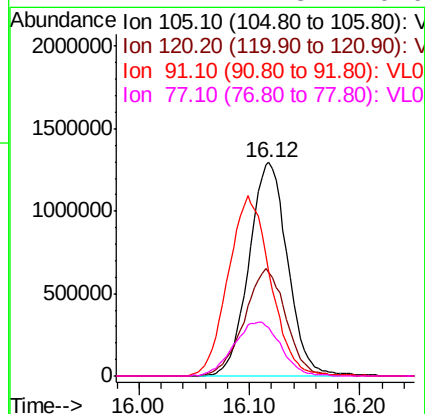
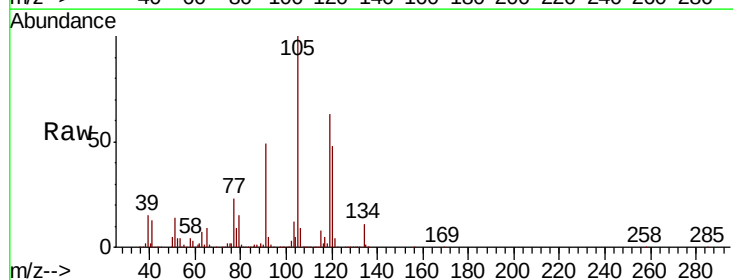
#73
 1,3,5-Trimethylbenzene
 Concen: 8.075 ppbv
 RT: 15.36
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Aug 2022 20:15

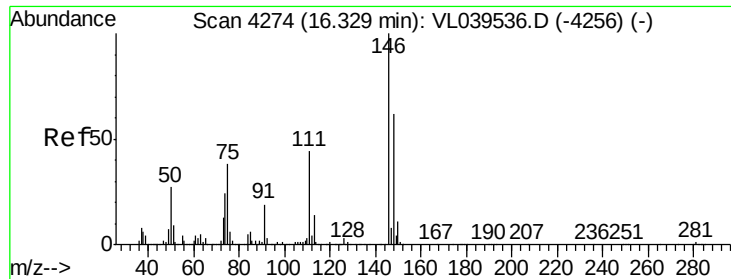
Tot Ion:105 Resp: 2897412
 Ion Ratio Lower Upper
 105 100
 120 46.2 35.4 53.2



#74
 1,2,4-Trimethylbenzene
 Concen: 7.808 ppbv
 RT: 16.12 min Scan# 4203
 Delta R.T. 0.01 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

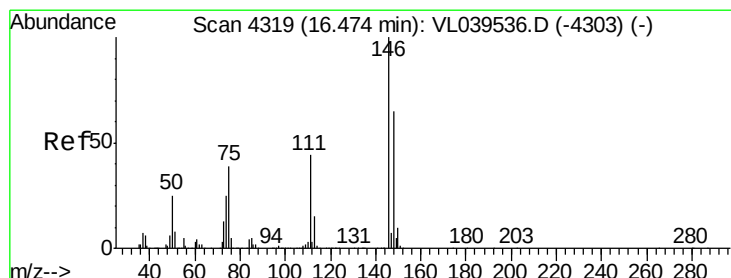
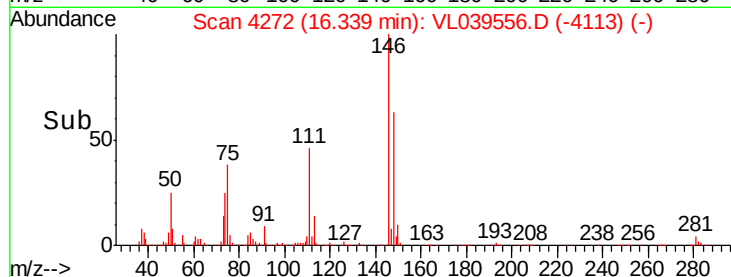
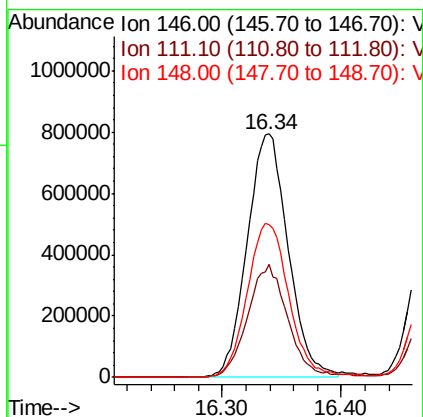
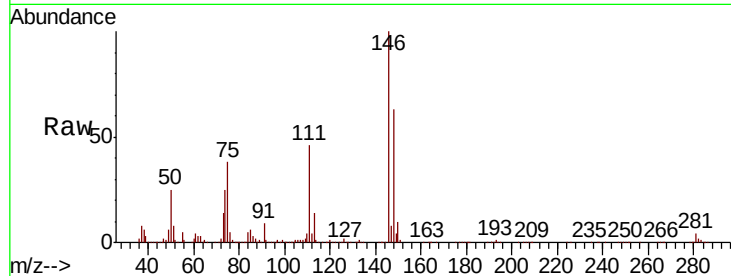
Tgt Ion:105 Resp: 3123958
 Ion Ratio Lower Upper
 105 100
 120 48.4 37.8 56.8
 91 48.5 43.8 65.6
 77 22.4 17.8 26.6





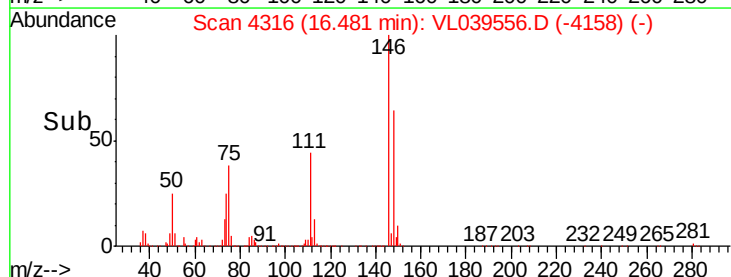
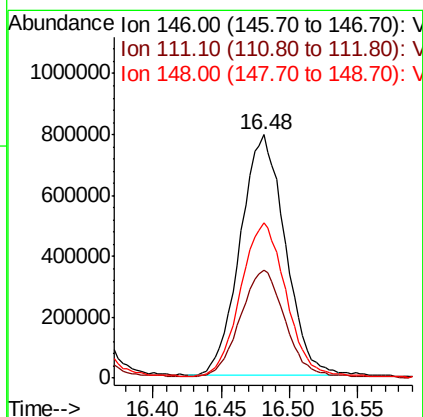
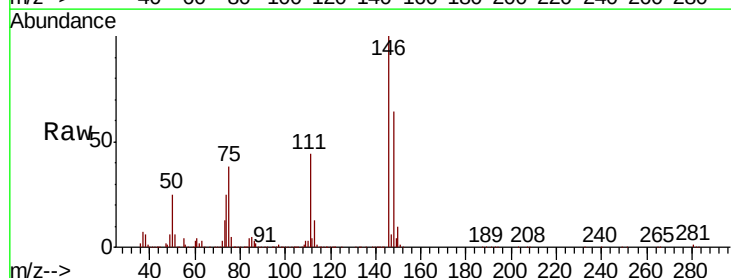
#75
 1,3-Dichlorobenzene
 Concen: 7.783 ppbv
 RT: 16.34 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 17 Aug 2022 20:15

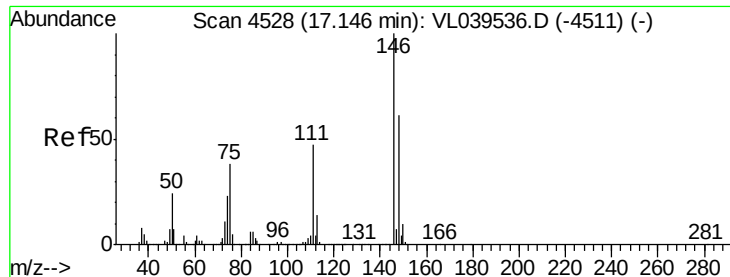
Tot Ion:146 Resp: 1891625
 Ion Ratio Lower Upper
 146 100
 111 45.3 22.9 68.5
 148 64.8 32.4 97.0



#76
 1,4-Dichlorobenzene
 Concen: 7.452 ppbv
 RT: 16.48 min Scan# 4316
 Delta R.T. 0.01 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

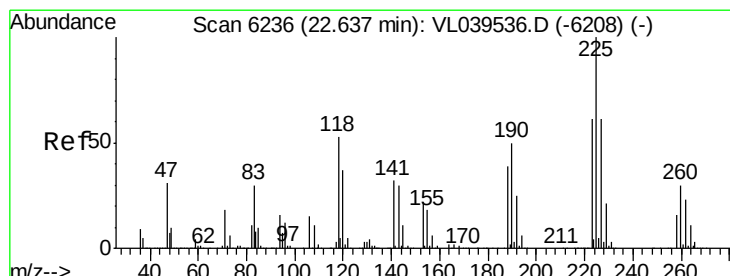
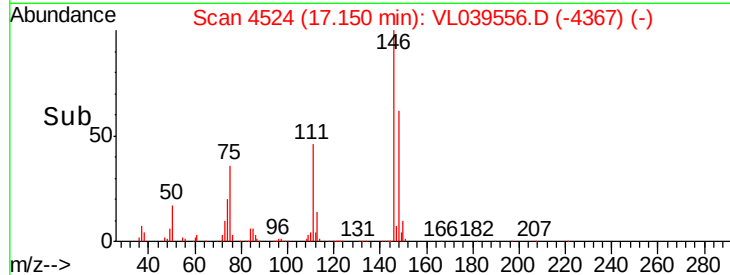
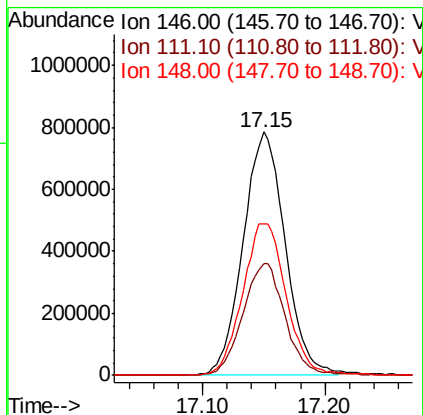
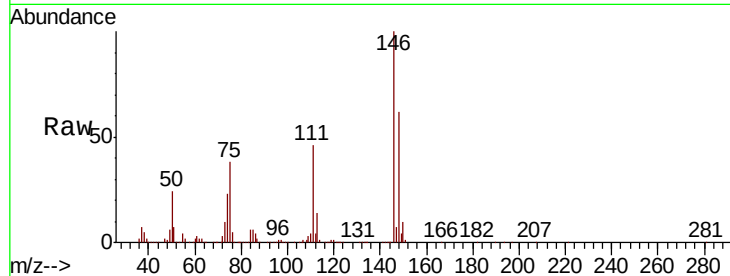
Tgt Ion:146 Resp: 1813676
 Ion Ratio Lower Upper
 146 100
 111 46.1 22.3 66.8
 148 66.7 31.5 94.5





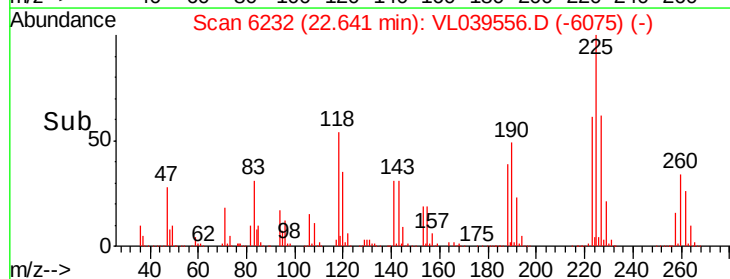
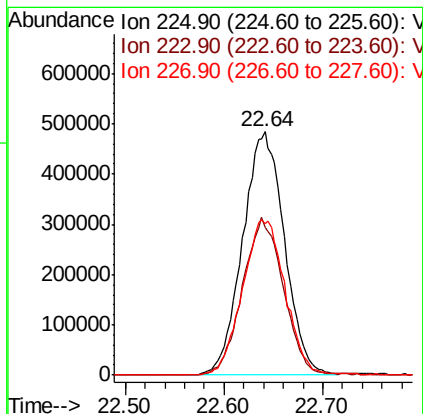
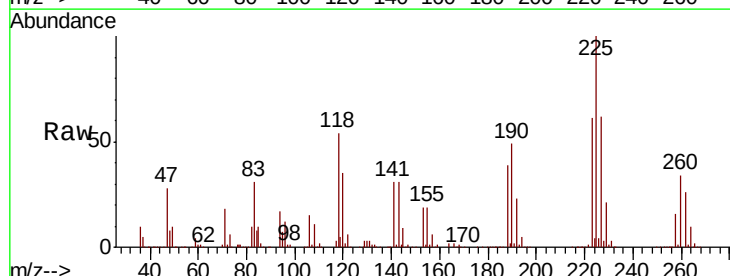
#77
 1,2-Dichlorobenzene
 Concen: 7.788 ppbv
 RT: 17.15 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 17 Aug 2022 20:15

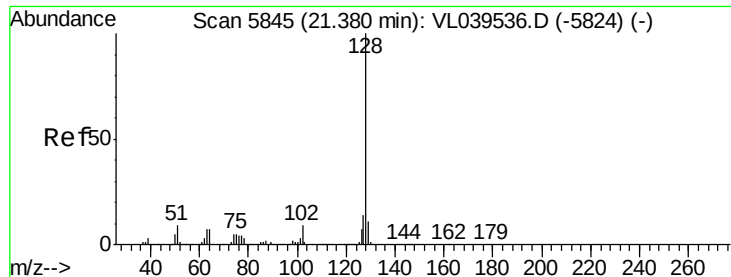
Tot Ion:146 Resp: 1854587
 Ion Ratio Lower Upper
 146 100
 111 46.9 23.9 71.8
 148 65.0 32.6 97.7



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.498 ppbv
 RT: 22.64 min Scan# 6232
 Delta R.T.: 0.00 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion:225 Resp: 1418446
 Ion Ratio Lower Upper
 225 100
 223 63.0 0.0 0.0#
 227 65.4 0.0 0.0#





#79

Naphthalene

Concen: 9.593 ppbv

RT: 21.39 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDCCC010EC

Acq: 17 Aug 2022 20:15

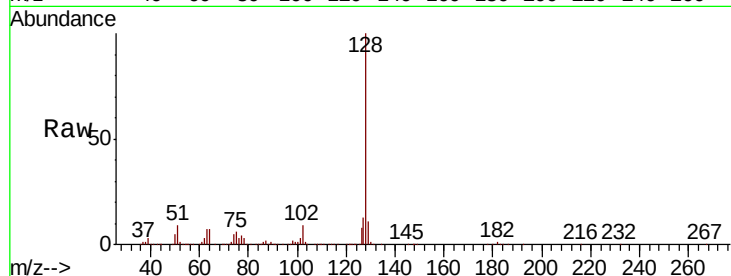
Tot Ion:128 Resp: 2732722

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

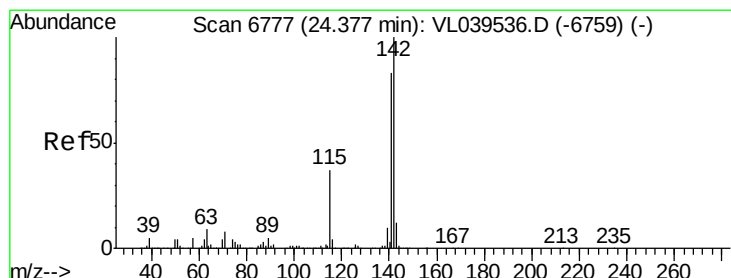
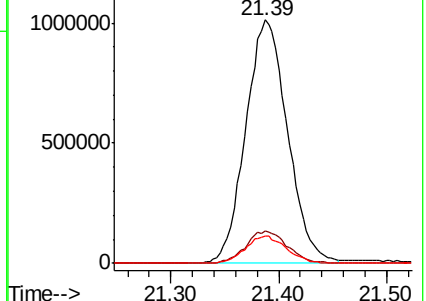
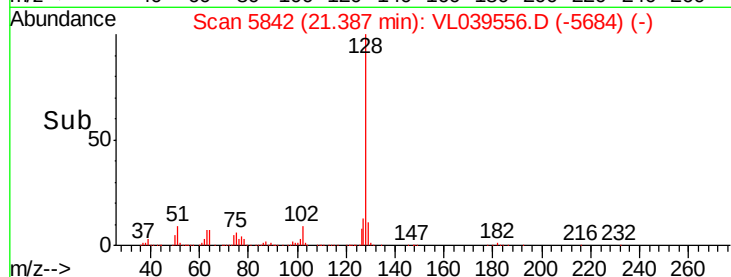
129 11.2 9.1 13.7



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: 7.333 ppbv

RT: 24.38 min Scan# 6773

Delta R.T. 0.00 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

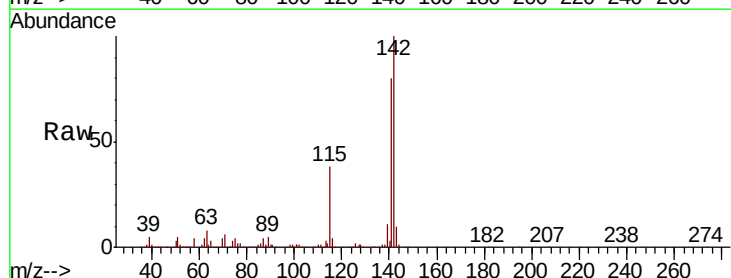
Tgt Ion:142 Resp: 825451

Ion Ratio Lower Upper

142 100

141 84.3 0.0 0.0#

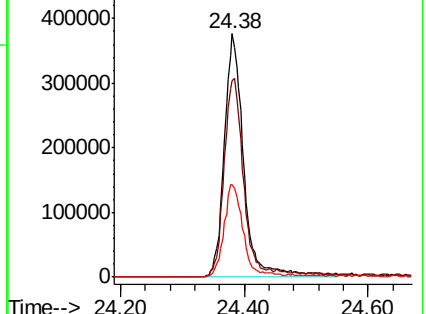
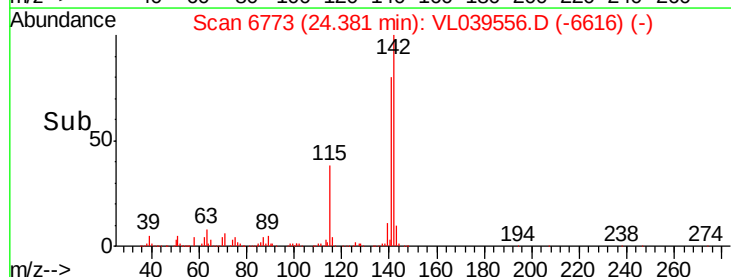
115 37.4 0.0 0.0#

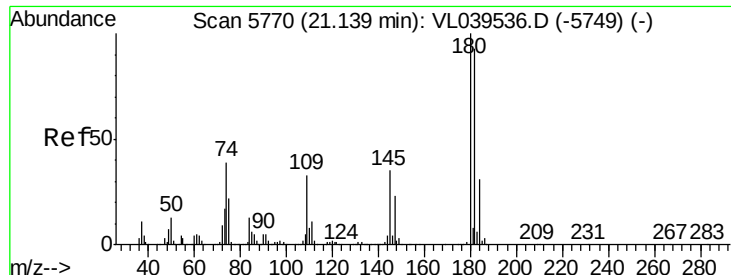


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

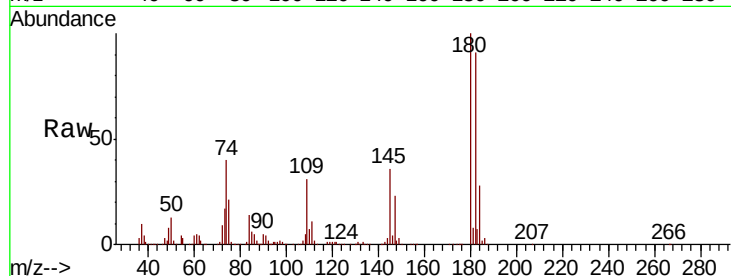
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 8.216 ppbv
 RT: 21.15
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Aug 2022 20:15

Tot Ion:180 Resp: 1560056
 Ion Ratio Lower Upper
 180 100
 182 96.1 0.0 0.0#
 184 30.2 0.0 0.0#



Abundance Ion 180.00 (179.70 to 180.70): V
 800000 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

