

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062222\
 Data File : VL039320.D
 Acq On : 22 Jun 2022 13:11
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jun 23 07:25:44 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1320090	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3682730	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	4322986	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2693616	7.54	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	75.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	1858319	8.015	ppbv	99
3) Chlorodifluoromethane	2.99	51	1546162	9.205	ppbv	97
4) Chloromethane	3.14	50	821471	9.521	ppbv	100
5) Vinyl Chloride	3.26	62	829109	10.280	ppbv	96
6) Bromomethane	3.47	94	362691	9.141	ppbv	95
7) Chloroethane	3.56	64	308892	10.991	ppbv	100
8) Dichlorotetrafluoroethane	3.19	85	2008633	9.479	ppbv	98
9) Propene	3.01	41	716789	9.787	ppbv	97
10) Heptane	8.12	43	1763023	10.319	ppbv	98
11) Trichlorofluoromethane	3.95	101	1938281	9.235	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1459135	10.513	ppbv	99
13) Ethanol	3.60	45	23806	5.960	ppbv #	100
14) Bromoethene	3.74	108	598714	9.595	ppbv	96
15) Acetone	3.84	43	1376187	10.008	ppbv	100
16) 1,3-Butadiene	3.33	39	796938	10.781	ppbv	97
17) tert-Butyl alcohol	4.28	59	1393413	13.064	ppbv	99
18) 1,1-Dichloroethene	4.29	96	660479	10.608	ppbv	92
19) Isopropyl Alcohol	3.96	45	790402	12.255	ppbv	99
20) Methylene Chloride	4.34	84	550744	9.504	ppbv	91
21) Allyl Chloride	4.41	41	1038536	11.196	ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	679697	11.346	ppbv	97
23) Vinyl Acetate	5.07	43	1155998	10.160	ppbv	97
24) 1,1-Dichloroethane	5.01	63	1353377	8.682	ppbv	100
25) Ethyl Acetate	5.67	43	3119377	10.065	ppbv	99
26) Hexane	5.68	57	1359319	9.980	ppbv	98
27) Carbon Disulfide	4.55	76	1582710	11.212	ppbv	98
28) Methyl tert-Butyl Ether	5.03	73	1277189	8.494	ppbv	97
29) Chloroform	5.75	83	2069592	9.030	ppbv	99
30) Cyclohexane	7.13	84	1165033	10.182	ppbv	98
31) cis-1,2-Dichloroethene	5.55	61	1346471	9.695	ppbv	93
32) 1,1,1-Trichloroethane	6.50	97	2096371	9.348	ppbv	100
34) 2-Butanone	5.24	43	1865405	9.323	ppbv	100
35) Carbon Tetrachloride	7.01	117	2152020	8.006	ppbv	96
36) Benzene	6.89	78	2799350	9.363	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1579535	8.027	ppbv #	96
38) Trichloroethene	7.83	130	1411836	10.281	ppbv	97
39) 1,2-Dichloropropane	7.61	63	1045547	8.792	ppbv	97
40) 1,4-Dioxane	7.83	88	377654	9.646	ppbv #	1
41) Tetrahydrofuran	6.04	42	1123896	9.340	ppbv	99
42) Bromodichloromethane	7.78	83	2261996	8.283	ppbv	100
43) Methyl Methacrylate	8.01	69	1129384	9.698	ppbv	98

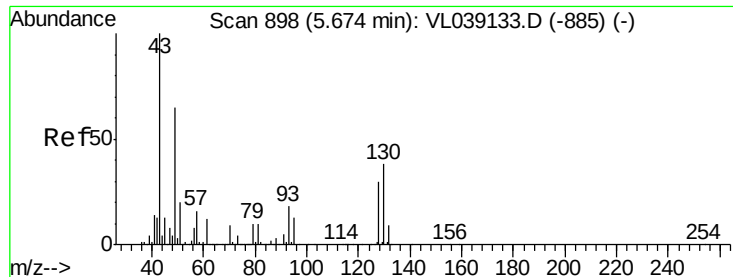
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062222\
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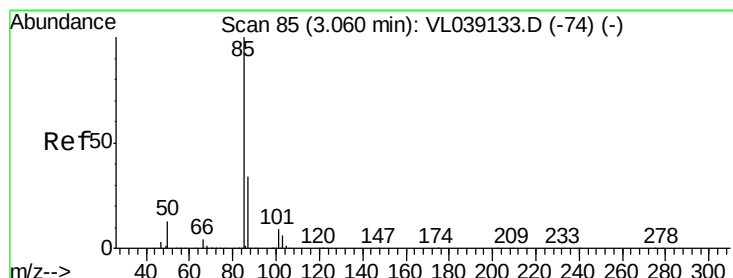
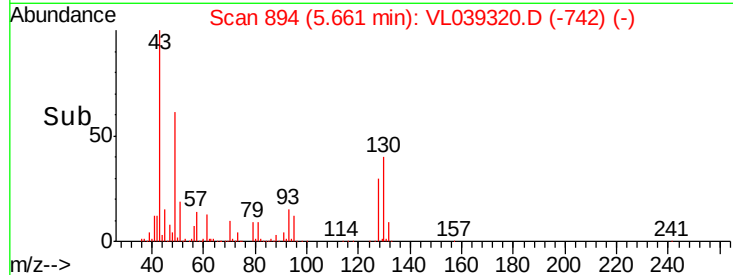
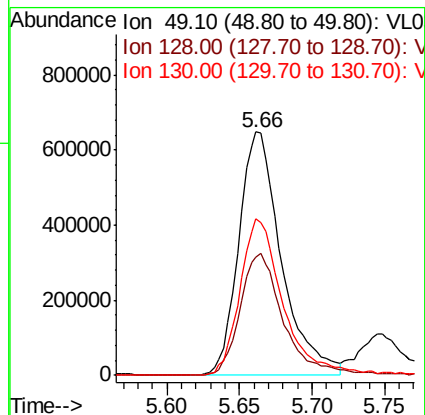
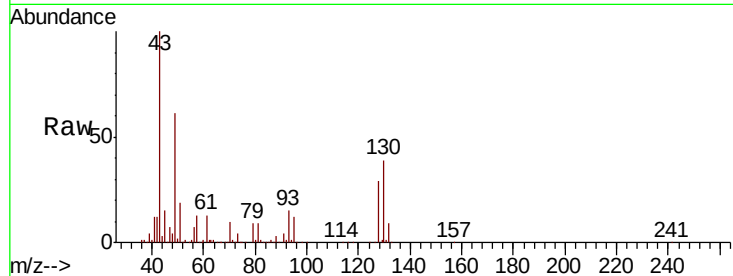
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4710789	9.007	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	1107300	9.130	ppbv	100
46) cis-1,3-Dichloropropene	8.70	75	1465997	9.150	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	1148248	9.255	ppbv	98
48) Dibromochloromethane	10.30	129	1953968	8.820	ppbv	99
49) Bromoform	13.03	173	1607639	8.708	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	2902253	9.691	ppbv	100
51) 2-Hexanone	10.12	43	2238162	9.604	ppbv #	98
52) Tetrachloroethene	11.21	164	1075971	9.217	ppbv	97
53) Toluene	9.80	91	3330292	9.673	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1538108	9.226	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.12	131	1425410	6.968	ppbv	99
57) Chlorobenzene	12.14	112	2434854	7.486	ppbv	95
58) Ethyl Benzene	12.70	91	4460128	7.490	ppbv	98
59) m/p-Xylene	12.99	91	3581044	6.829	ppbv #	20
60) o-Xylene	13.68	91	3545553	7.196	ppbv	98
61) Styrene	13.52	104	2111038	8.001	ppbv	96
62) Isopropylbenzene	14.66	105	5295295	7.231	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	1770178	6.400	ppbv	99
64) n-propylbenzene	15.55	120	1377683	7.653	ppbv	91
65) tert-Butylbenzene	16.73	119	4799925	7.167	ppbv	96
66) Benzyl Chloride	16.98	91	299876	3.444	ppbv #	77
67) sec-Butylbenzene	17.28	105	6566736	7.187	ppbv	98
69) p-Isopropyltoluene	17.64	119	5679664	7.367	ppbv	98
70) n-Butylbenzene	18.54	91	5586327	7.060	ppbv	99
71) 2-Chlorotoluene	15.44	91	3859559	6.911	ppbv	97
72) 4-Ethyltoluene	15.82	105	4290571	7.430	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	3914202	7.515	ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	4188886	7.206	ppbv	94
75) 1,3-Dichlorobenzene	16.99	146	2443649	7.427	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2385756	7.268	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	2376050	7.166	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1791084	5.907	ppbv	99
79) Naphthalene	22.18	128	3627393	8.107	ppbv	98
80) Naphthalene, 2-methyl-	24.96	142	1191316	7.166	ppbv	97
81) 1,2,4-Trichlorobenzene	21.91	180	2096376	7.395	ppbv #	100

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



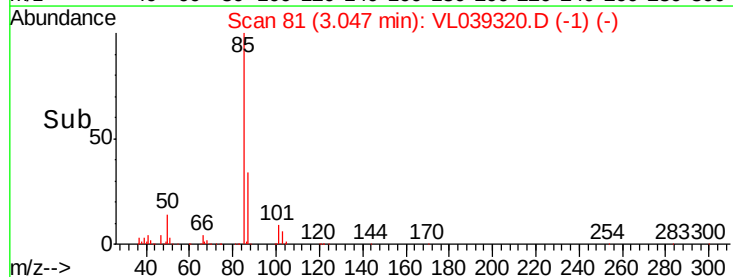
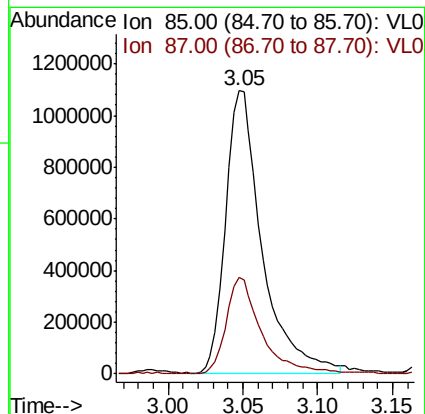
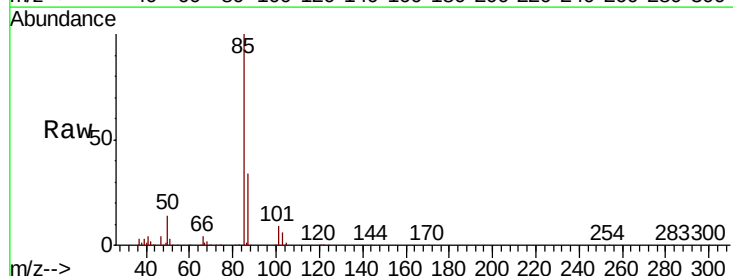
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 22 Jun 2022 13:11

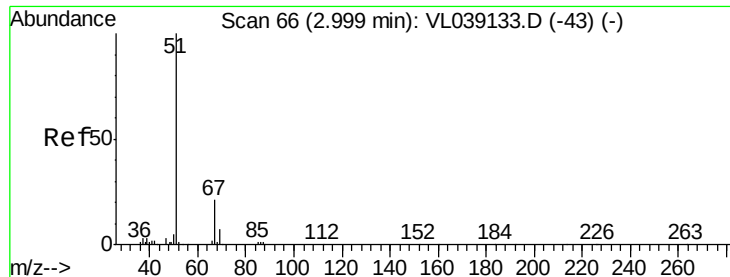
Tot Ion: 49 Resp: 1320090
 Ion Ratio Lower Upper
 49 100
 128 51.9 24.7 74.1
 130 67.2 31.4 94.0



#2
 Dichlorodifluoromethane
 Concen: 8.015 ppbv
 RT: 3.05 min Scan# 81
 Delta R.T. -0.01 min
 Lab File: VL039320.D
 Acq: 22 Jun 2022 13:11

Tgt Ion: 85 Resp: 1858319
 Ion Ratio Lower Upper
 85 100
 87 34.0 26.9 40.3





#3

Chlorodifluoromethane

Concen: 9.205 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

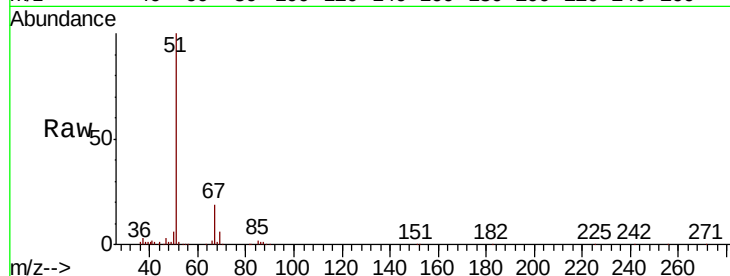
Acq: 22 Jun 2022 13:11

Tot Ion: 51 Resp: 1546162

Ion Ratio Lower Upper

51 100

67 19.0 16.2 24.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.99

800000

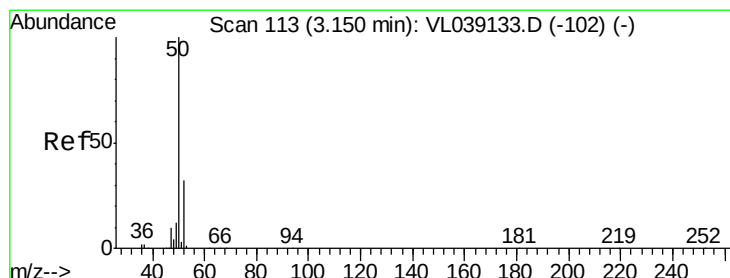
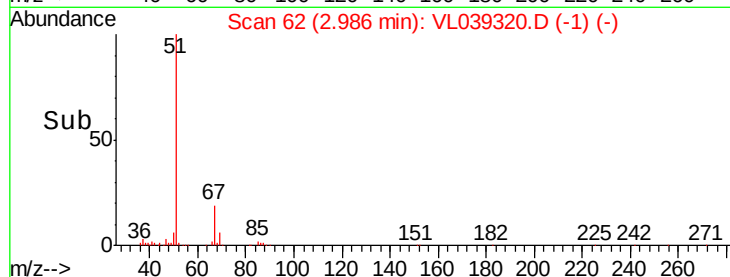
600000

400000

200000

0

Time-->



#4

Chloromethane

Concen: 9.521 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.01 min

Lab File: VL039320.D

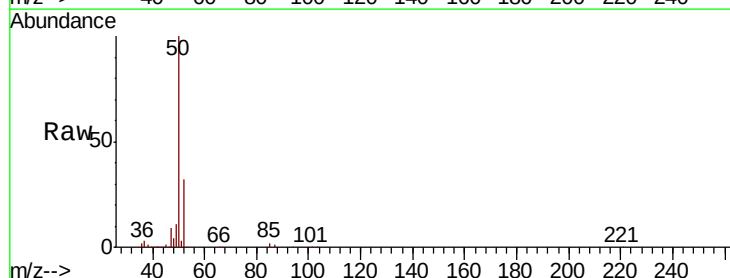
Acq: 22 Jun 2022 13:11

Tgt Ion: 50 Resp: 821471

Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.14

600000

500000

400000

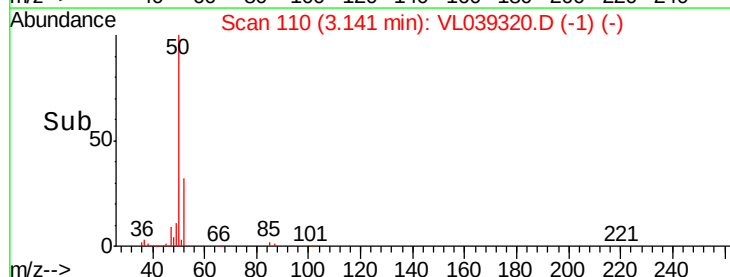
300000

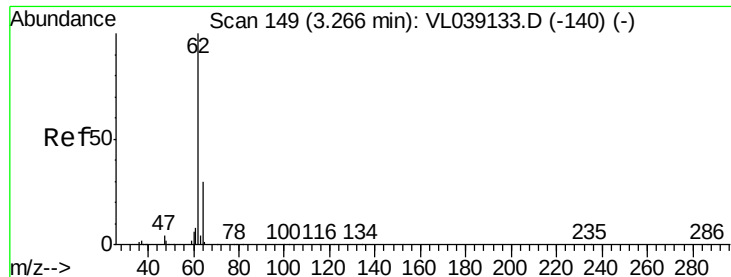
200000

100000

0

Time-->





#5

Vinyl Chloride

Concen: 10.280 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

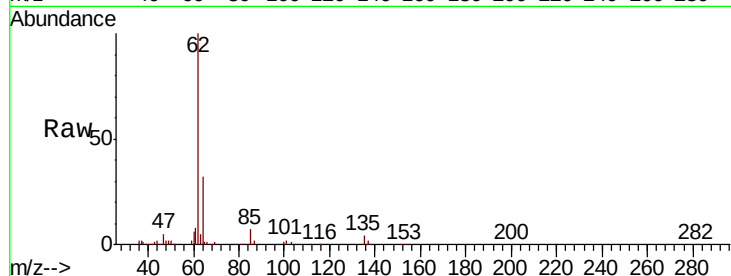
Acq: 22 Jun 2022 13:11

Tot Ion: 62 Resp: 829109

Ion Ratio Lower Upper

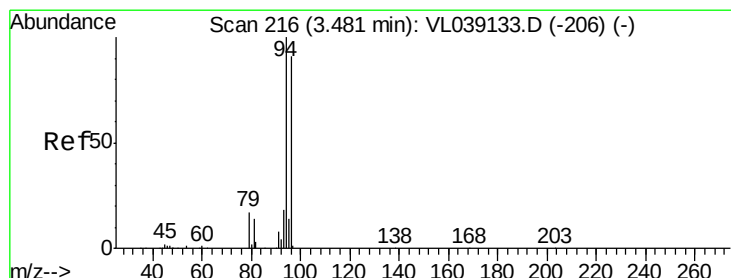
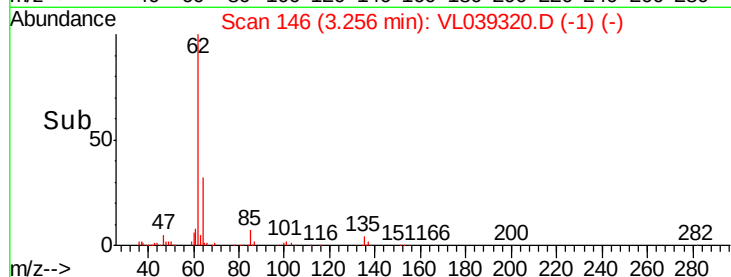
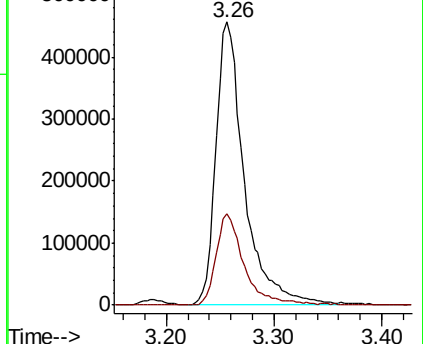
62 100

64 32.4 24.2 36.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.141 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.01 min

Lab File: VL039320.D

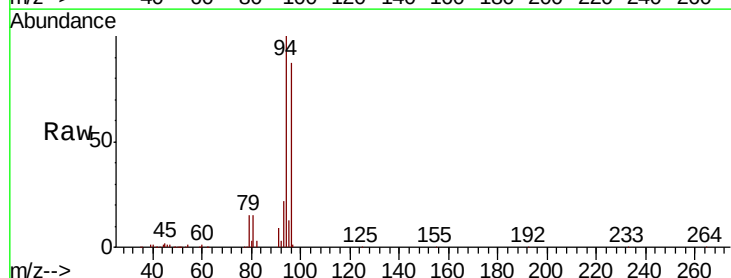
Acq: 22 Jun 2022 13:11

Tgt Ion: 94 Resp: 362691

Ion Ratio Lower Upper

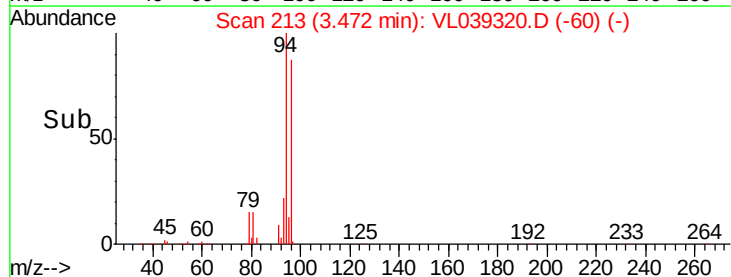
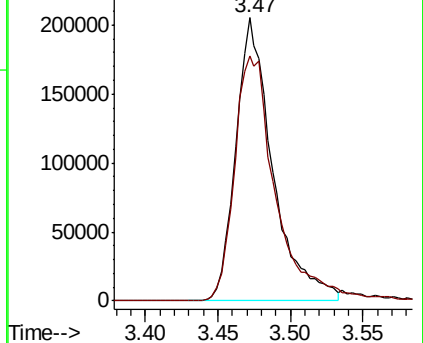
94 100

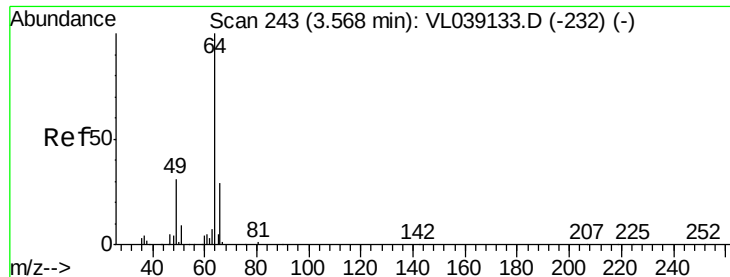
96 86.7 73.0 109.4



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 10.991 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

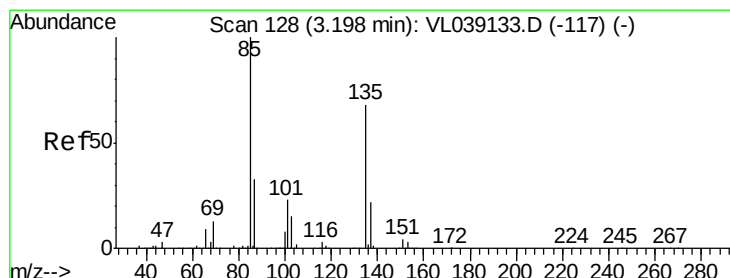
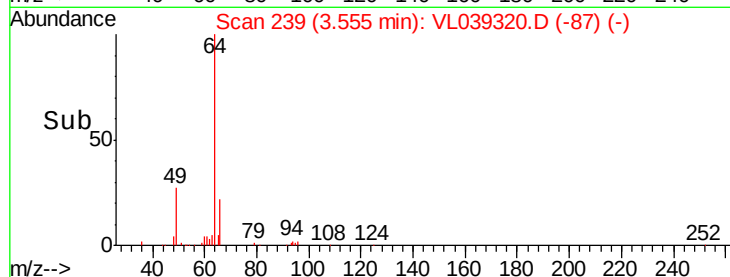
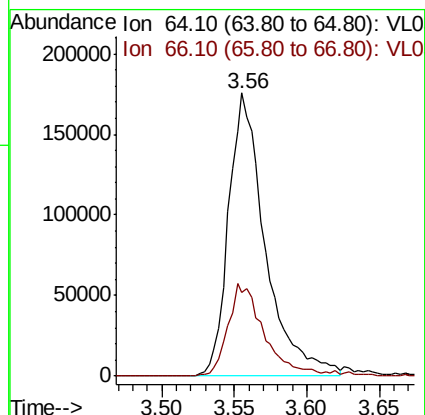
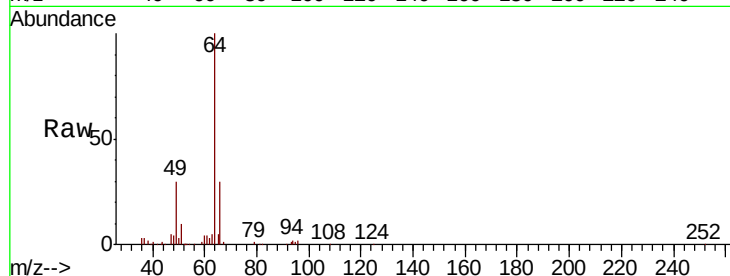
Acq: 22 Jun 2022 13:11 VSTDCCC010

Tot Ion: 64 Resp: 308892

Ion Ratio Lower Upper

64 100

66 29.5 23.6 35.4



#8

Dichlorotetrafluoroethane

Concen: 9.479 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.01 min

Lab File: VL039320.D

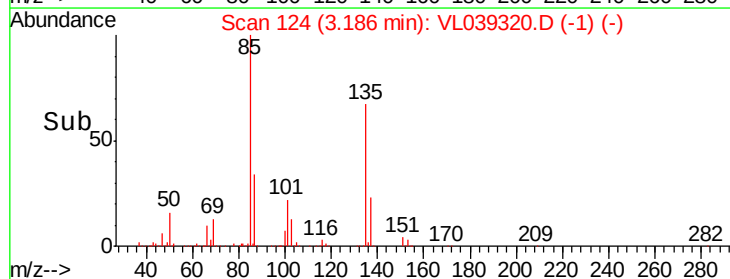
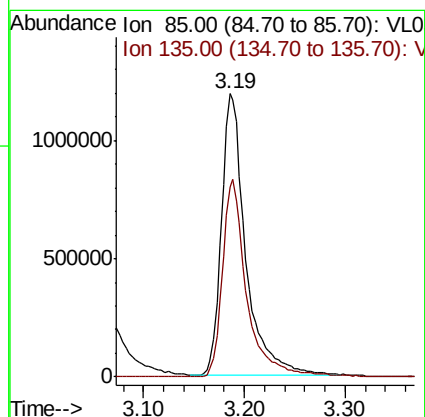
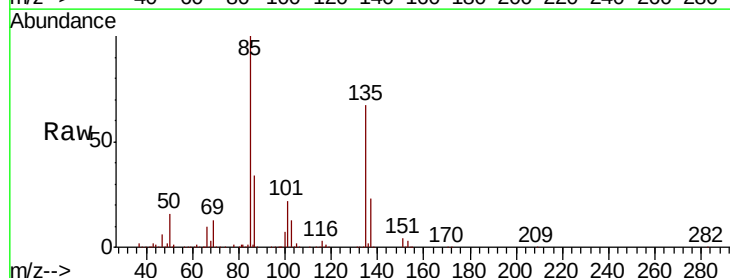
Acq: 22 Jun 2022 13:11

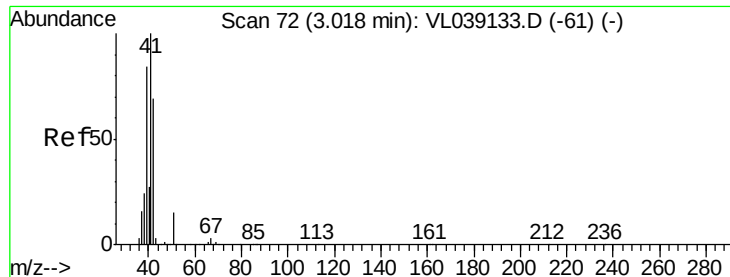
Tgt Ion: 85 Resp: 2008633

Ion Ratio Lower Upper

85 100

135 70.7 55.0 82.4





#9

Propene

Concen: 9.787 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

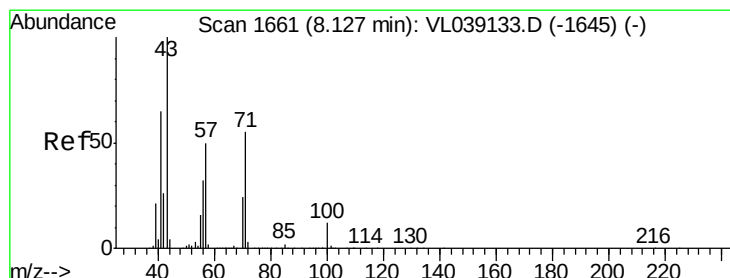
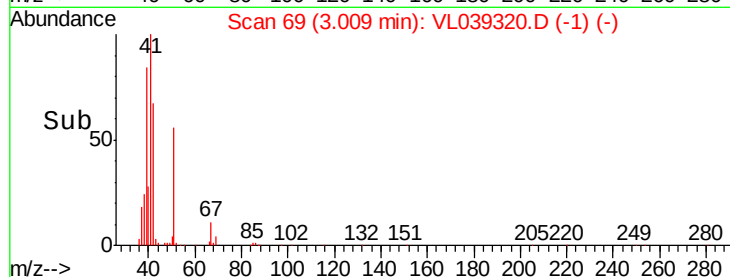
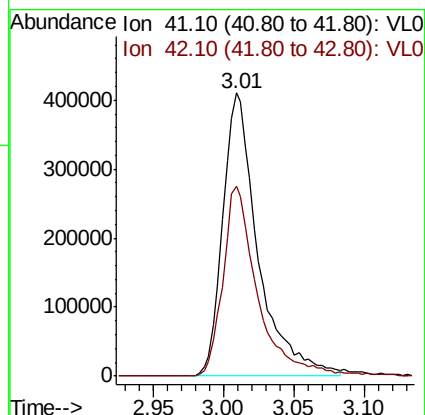
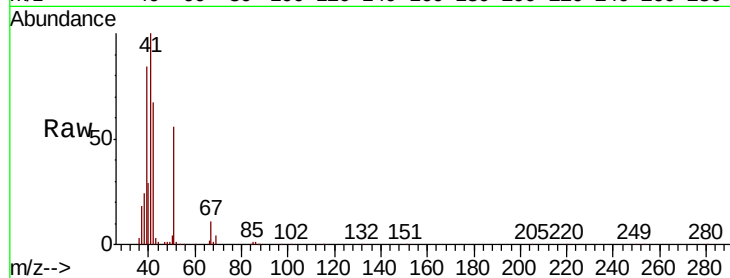
Acq: 22 Jun 2022 13:11 VSTDCCC010

Tot Ion: 41 Resp: 716789

Ion Ratio Lower Upper

41 100

42 66.6 55.4 83.2



#10

Heptane

Concen: 10.319 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VL039320.D

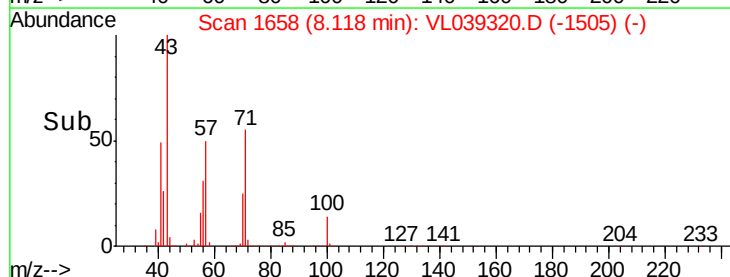
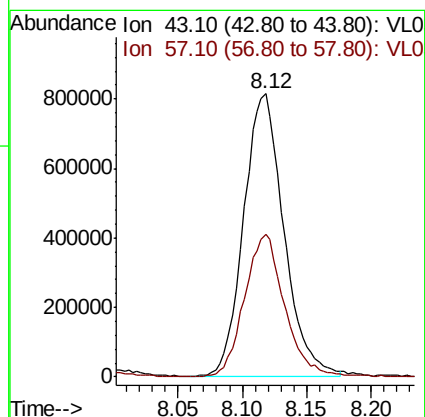
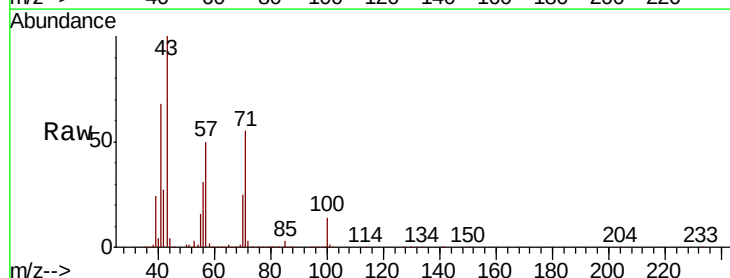
Acq: 22 Jun 2022 13:11

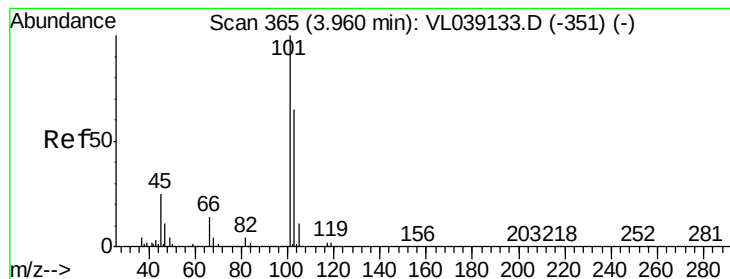
Tgt Ion: 43 Resp: 1763023

Ion Ratio Lower Upper

43 100

57 50.2 41.4 62.2





#11

Trichlorofluoromethane

Concen: 9.235 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

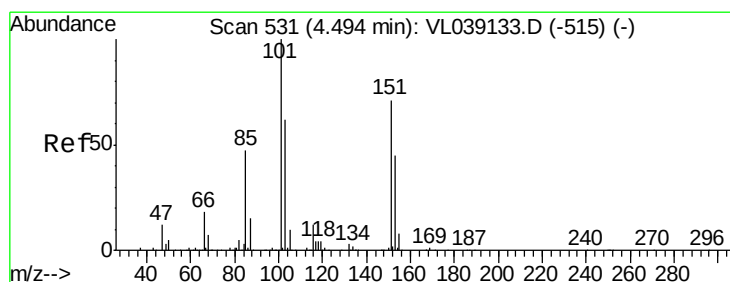
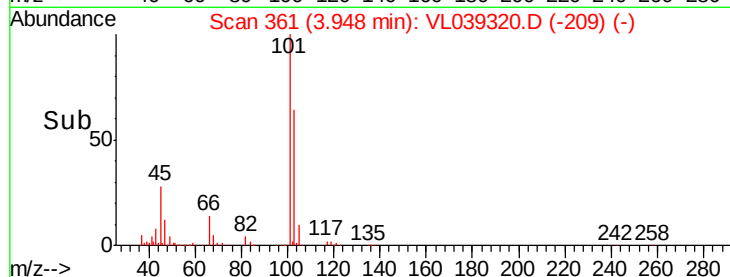
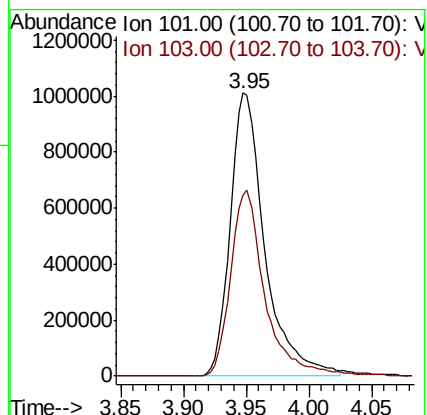
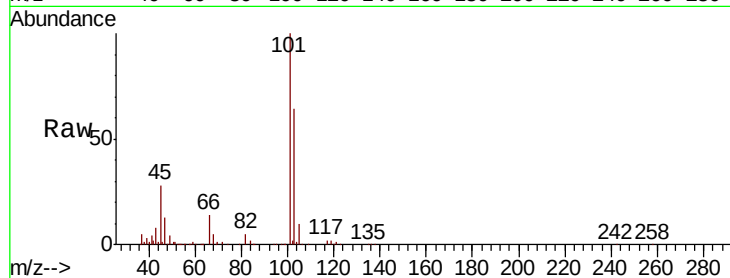
Acq: 22 Jun 2022 13:11 VSTDCCC010

Tot Ion:101 Resp: 1938281

Ion Ratio Lower Upper

101 100

103 64.0 51.7 77.5



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.513 ppbv

RT: 4.48 min Scan# 527

Delta R.T. -0.01 min

Lab File: VL039320.D

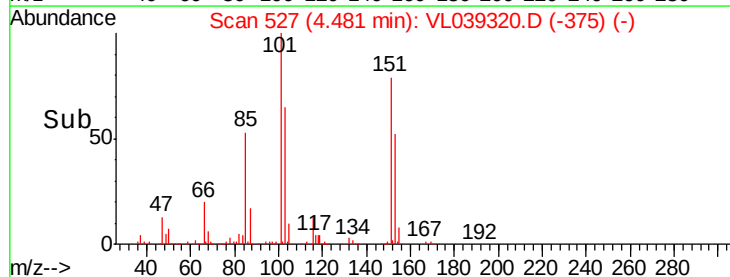
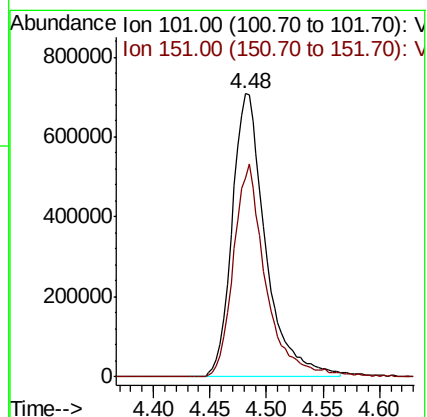
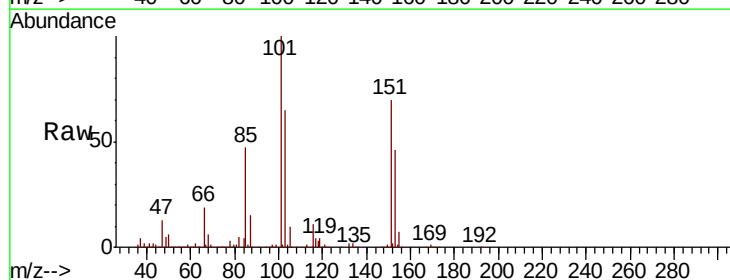
Acq: 22 Jun 2022 13:11

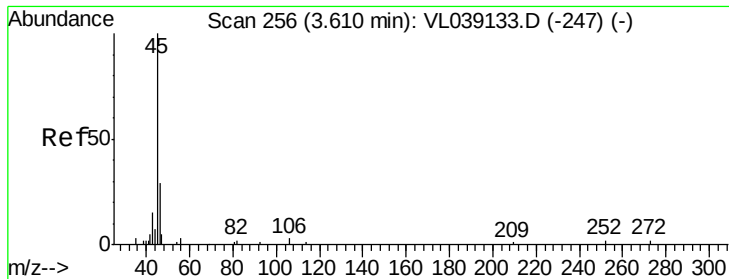
Tgt Ion:101 Resp: 1459135

Ion Ratio Lower Upper

101 100

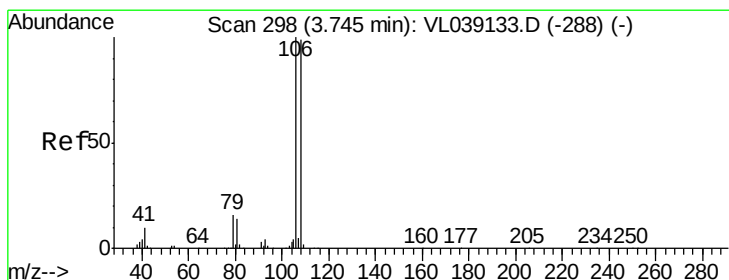
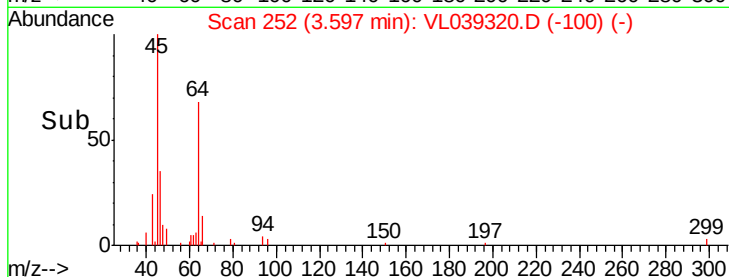
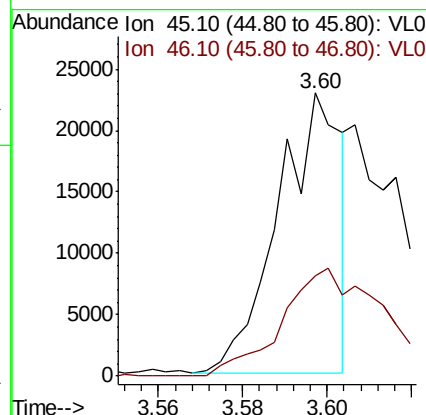
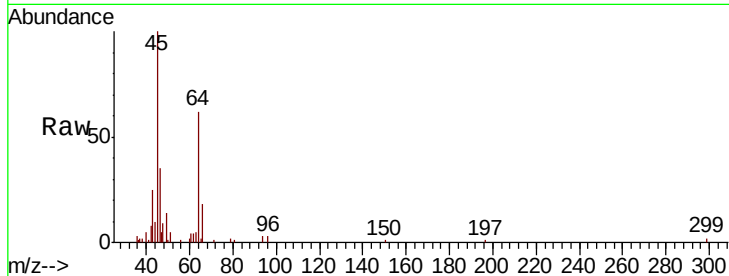
151 73.1 59.4 89.0





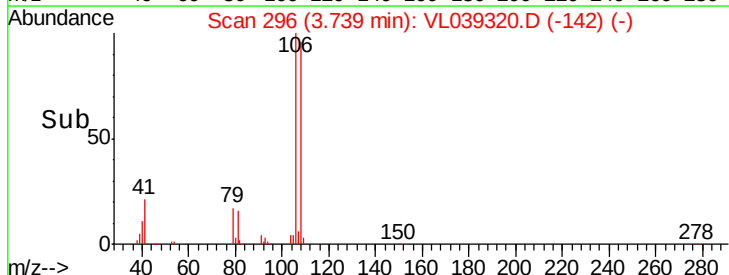
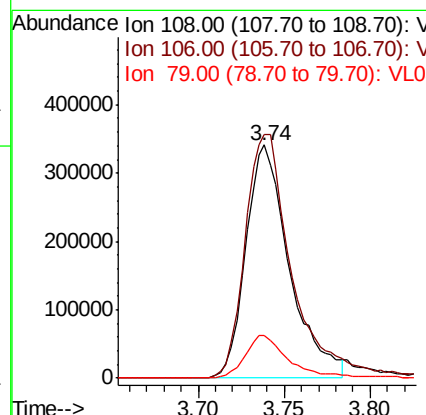
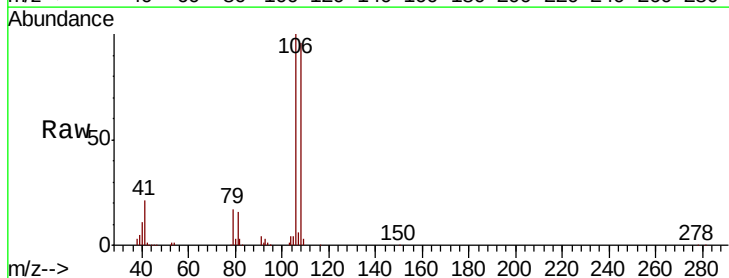
#13
 Ethanol
 Concen: 5.960 ppbv
 RT: 3.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 22 Jun 2022 13:11

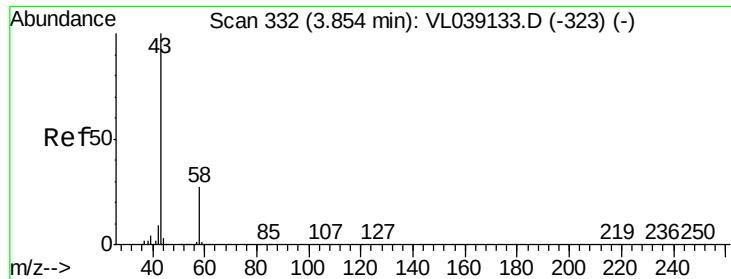
Tot Ion: 45 Resp: 23806
 Ion Ratio Lower Upper
 45 100
 46 78.8 0.0 0.0#



#14
 Bromoethene
 Concen: 9.595 ppbv
 RT: 3.74 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: VL039320.D
 Acq: 22 Jun 2022 13:11

Tgt Ion: 108 Resp: 598714
 Ion Ratio Lower Upper
 108 100
 106 114.7 88.4 132.6
 79 19.2 13.4 20.2





#15

Acetone

Concen: 10.008 ppbv

RT: 3.84 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

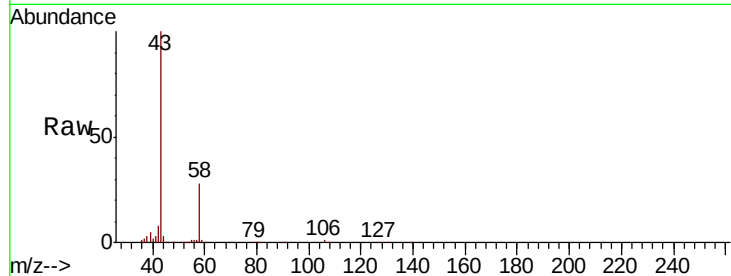
Acq: 22 Jun 2022 13:11 VSTDCCC010

Tot Ion: 43 Resp: 1376187

Ion Ratio Lower Upper

43 100

58 28.0 22.5 33.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.84

800000

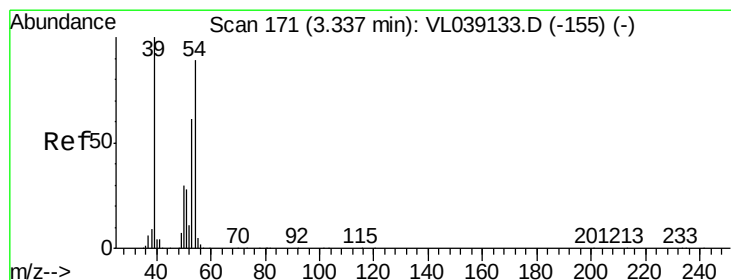
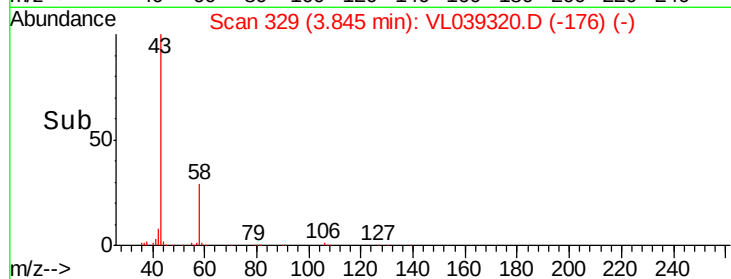
600000

400000

200000

0

Time-->



#16

1,3-Butadiene

Concen: 10.781 ppbv

RT: 3.33 min Scan# 168

Delta R.T. -0.01 min

Lab File: VL039320.D

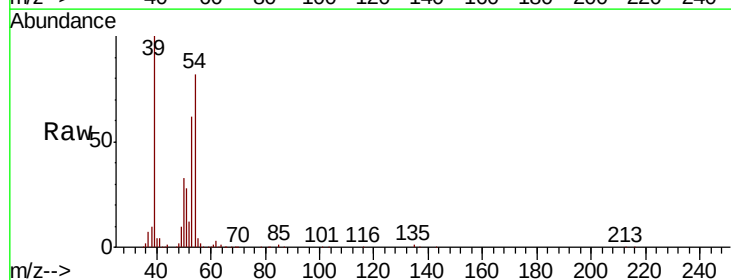
Acq: 22 Jun 2022 13:11

Tgt Ion: 39 Resp: 796938

Ion Ratio Lower Upper

39 100

54 79.7 65.8 98.6



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

3.33

400000

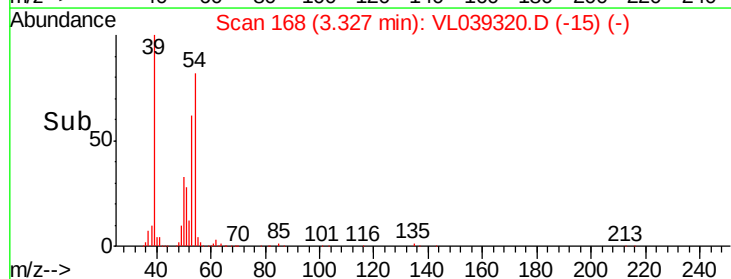
300000

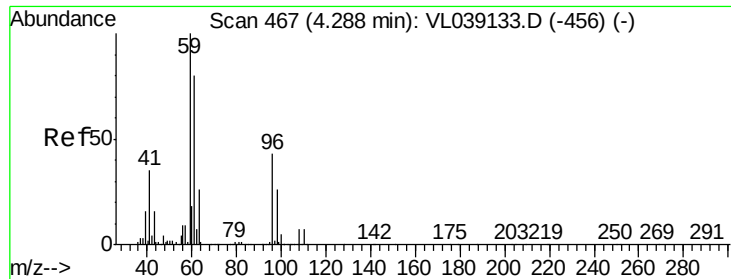
200000

100000

0

Time-->





#17

tert-Butyl alcohol

Concen: 13.064 ppbv

RT: 4.28 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

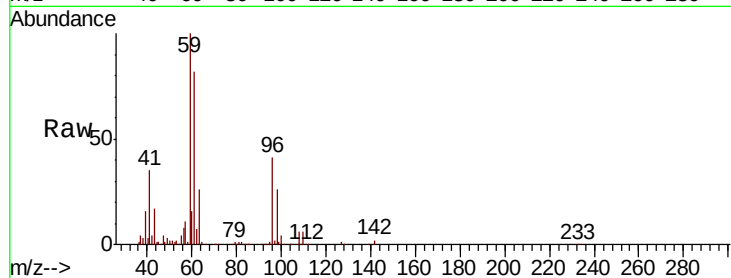
Acq: 22 Jun 2022 13:11

Tot Ion: 59 Resp: 1393413

Ion Ratio Lower Upper

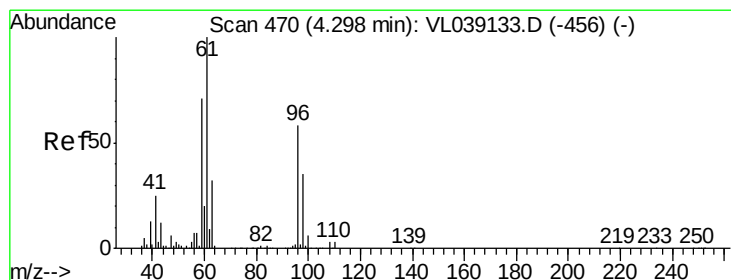
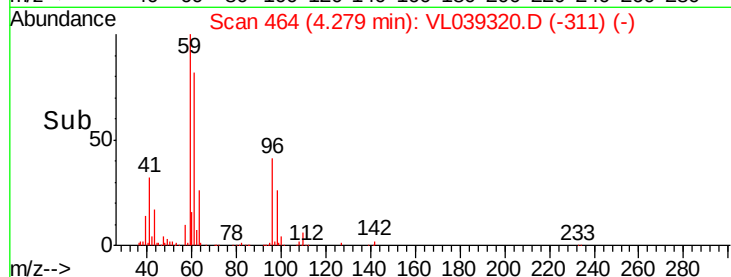
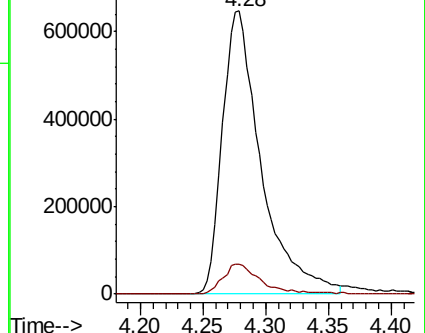
59 100

57 10.8 9.1 13.7



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#18

1,1-Dichloroethene

Concen: 10.608 ppbv

RT: 4.29 min Scan# 467

Delta R.T. -0.01 min

Lab File: VL039320.D

Acq: 22 Jun 2022 13:11

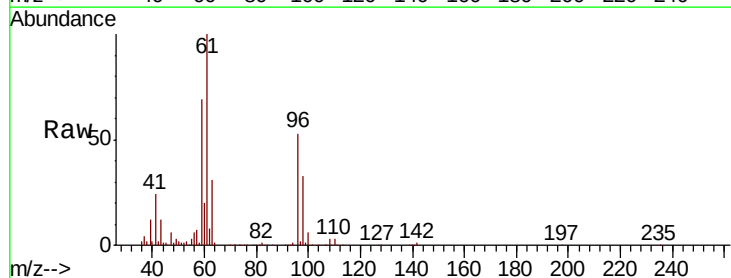
Tgt Ion: 96 Resp: 660479

Ion Ratio Lower Upper

96 100

61 187.0 138.4 207.6

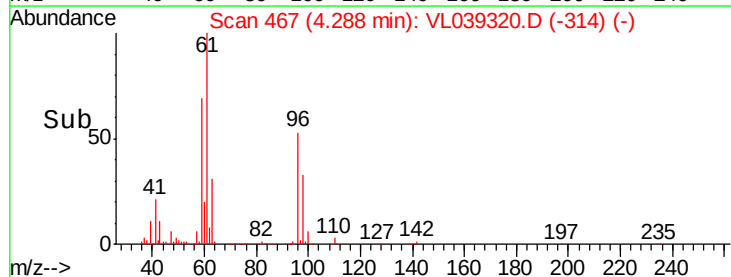
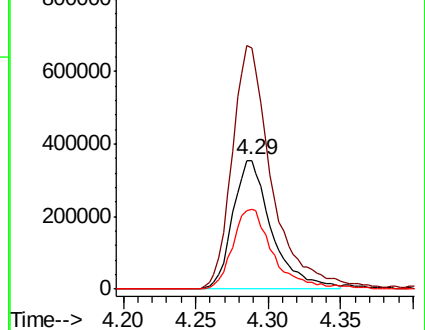
98 61.9 47.8 71.8

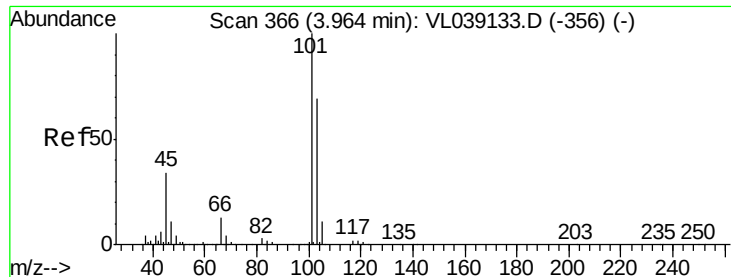


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#19

Isopropyl Alcohol

Concen: 12.255 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

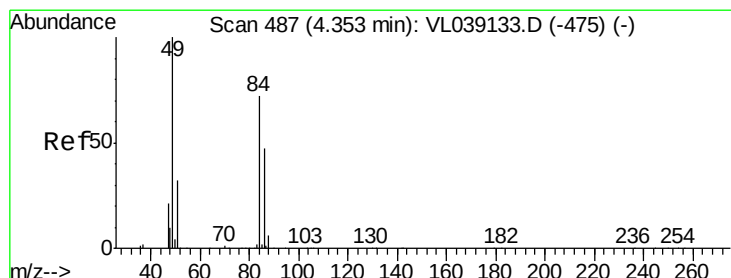
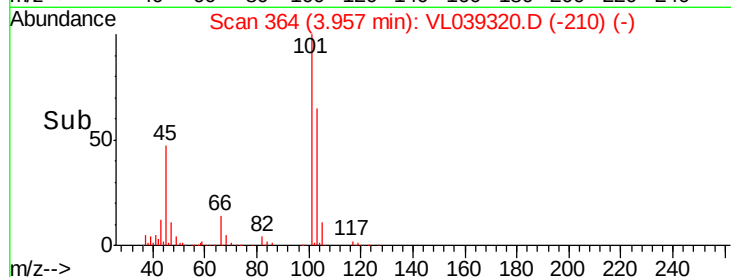
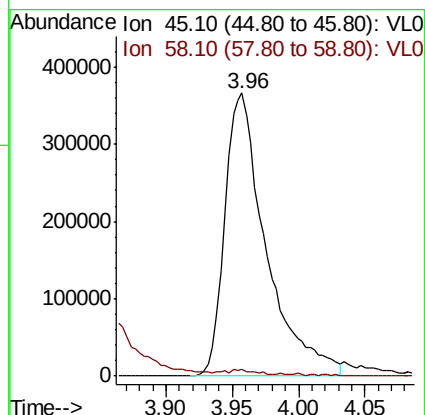
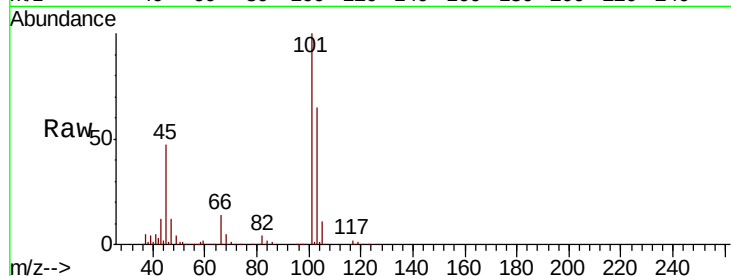
Acq: 22 Jun 2022 13:11 VSTDCCC010

Tot Ion: 45 Resp: 790402

Ion Ratio Lower Upper

45 100

58 2.1 1.8 2.8



#20

Methylene Chloride

Concen: 9.504 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.01 min

Lab File: VL039320.D

Acq: 22 Jun 2022 13:11

Tgt Ion: 84 Resp: 550744

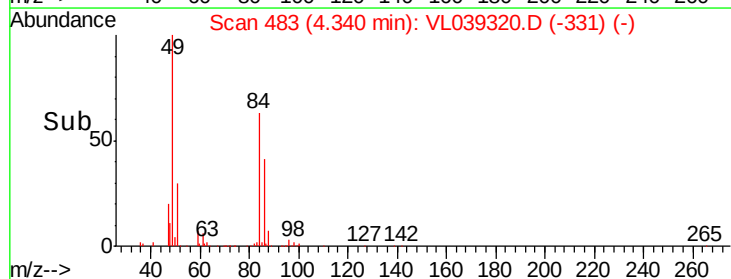
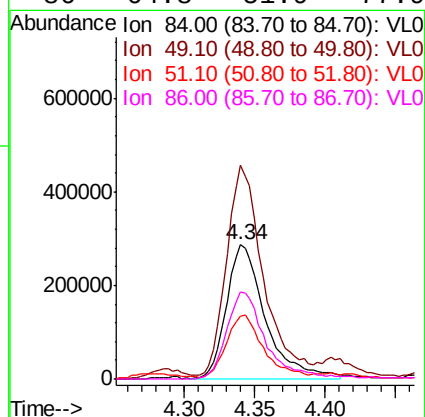
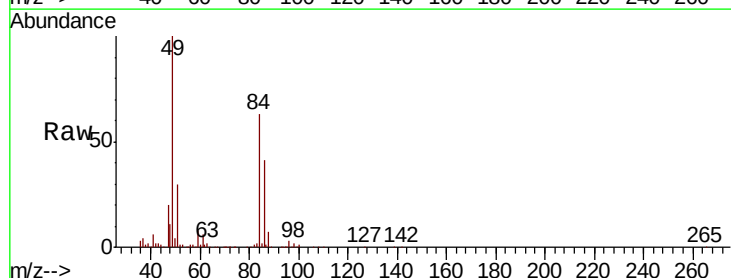
Ion Ratio Lower Upper

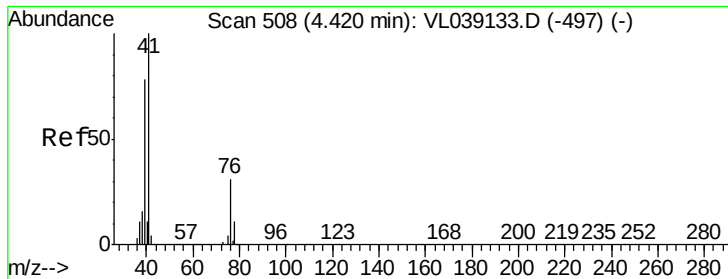
84 100

49 156.9 111.1 166.7

51 45.9 35.3 52.9

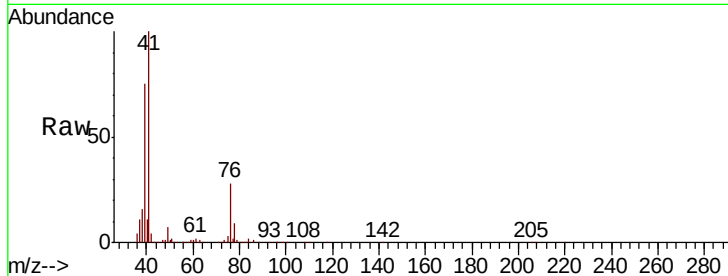
86 64.8 51.9 77.9



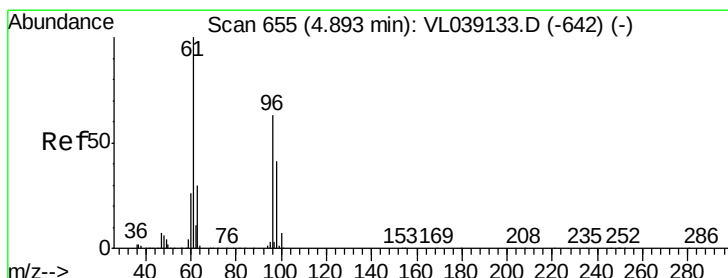
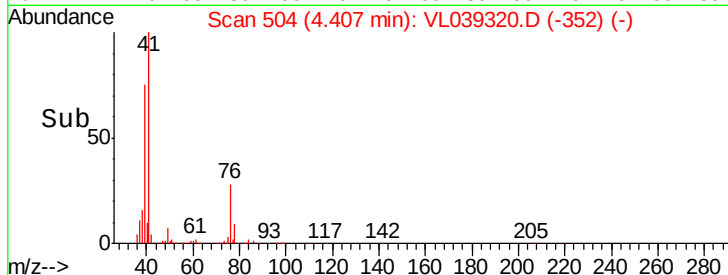
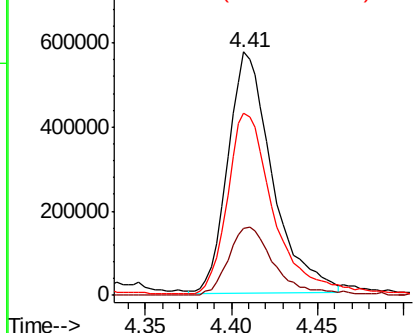


#21
 Allvl Chloride
 Concen: 11.196 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 22 Jun 2022 13:11

Tot Ion: 41 Resp: 1038536
 Ion Ratio Lower Upper
 41 100
 76 29.7 24.2 36.2
 39 78.3 62.2 93.2

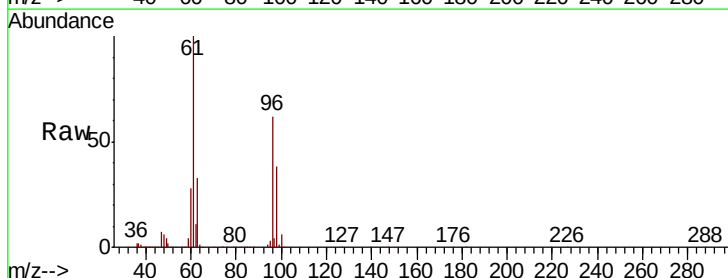


Abundance Ion 41.10 (40.80 to 41.80): VL0
 Ion 76.10 (75.80 to 76.80): VL0
 Ion 39.10 (38.80 to 39.80): VL0

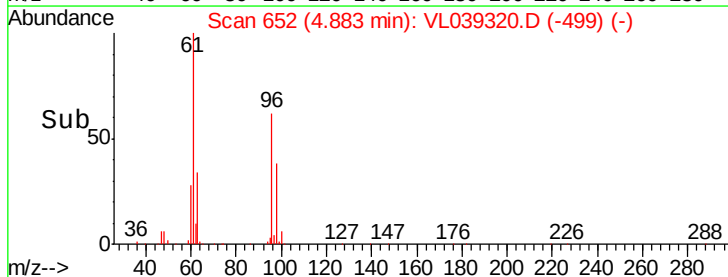
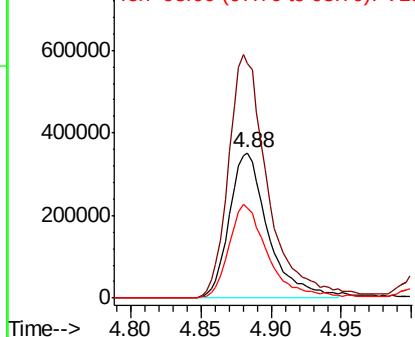


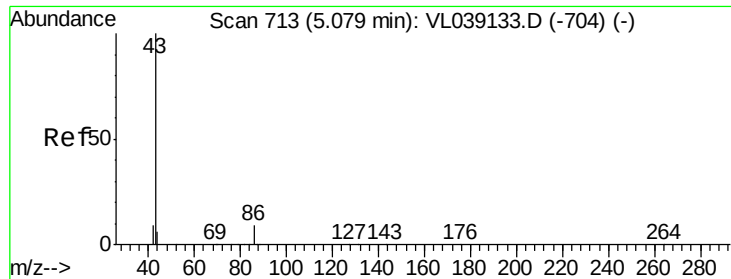
#22
 trans-1,2-Dichloroethene
 Concen: 11.346 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: VL039320.D
 Acq: 22 Jun 2022 13:11

Tgt Ion: 96 Resp: 679697
 Ion Ratio Lower Upper
 96 100
 61 161.4 126.6 190.0
 98 61.7 52.5 78.7



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

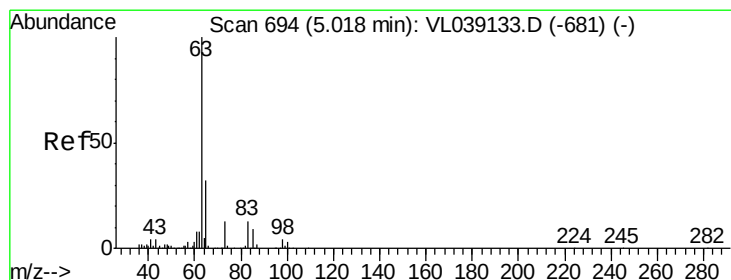
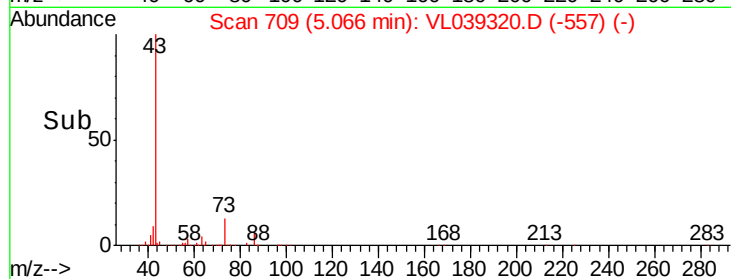
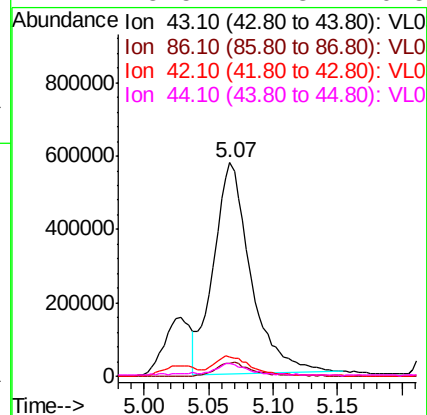
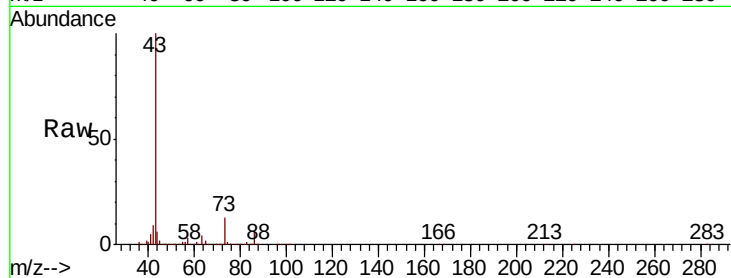




#23
 Vinyl Acetate
 Concen: 10.160 ppbv
 RT: 5.07
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: VSTDCCC010
 Acq: 22 Jun 2022 13:11

Tot Ion: 43 Resp: 1155998

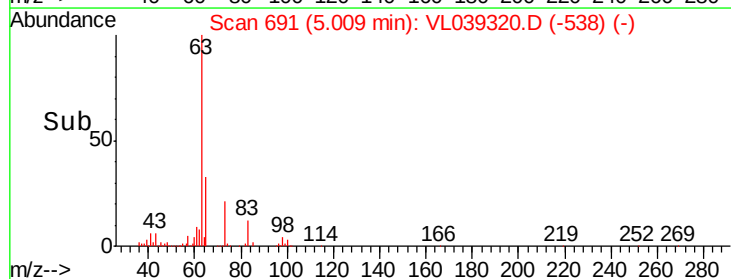
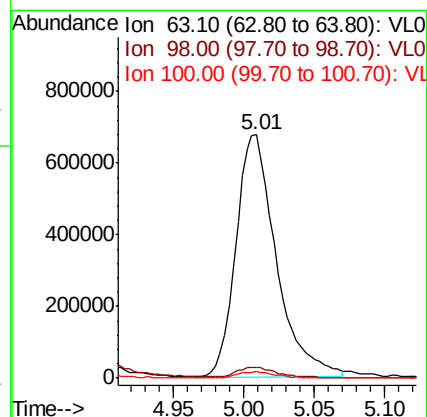
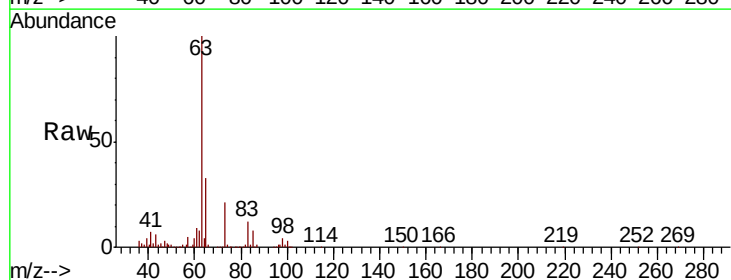
Ion	Ratio	Lower	Upper
43	100		
86	6.1	6.0	9.0
42	9.0	8.2	12.4
44	5.5	4.3	6.5

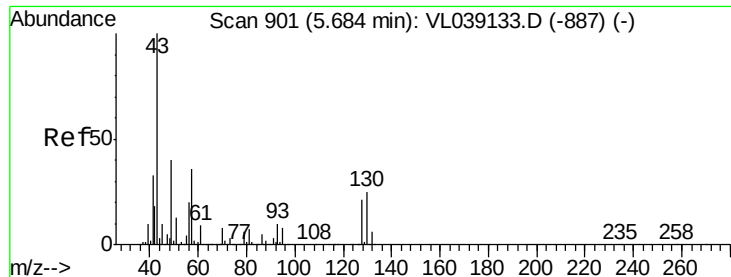


#24
 1,1-Dichloroethane
 Concen: 8.682 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T.: -0.01 min
 Lab File: VL039320.D
 Acq: 22 Jun 2022 13:11

Tgt Ion: 63 Resp: 1353377

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.2
100	2.8	1.5	4.5

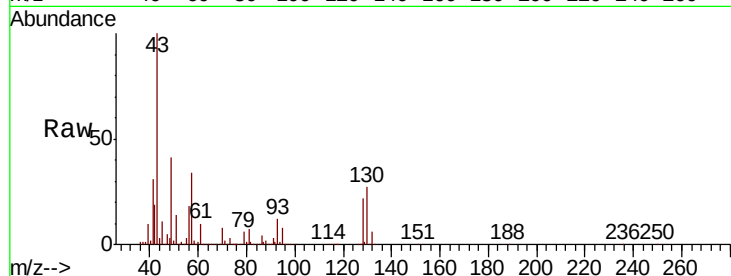




#25
Ethyl Acetate
Concen: 10.065 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 22 Jun 2022 13:11
VSTDCCC010

Tot Ion: 43 Resp: 3119377

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.2
61	10.0	8.4	12.6
70	7.3	5.6	8.4



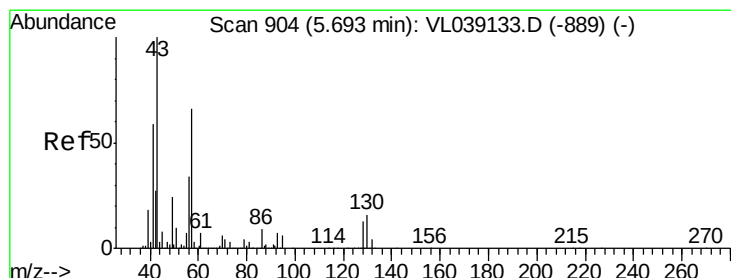
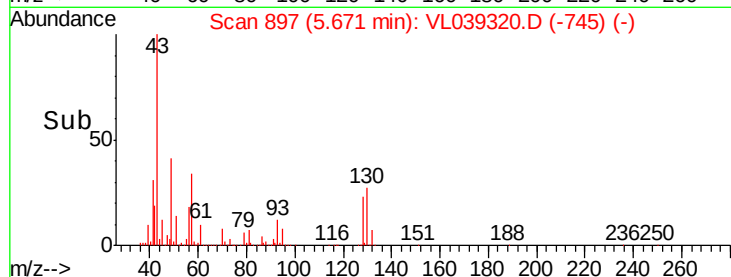
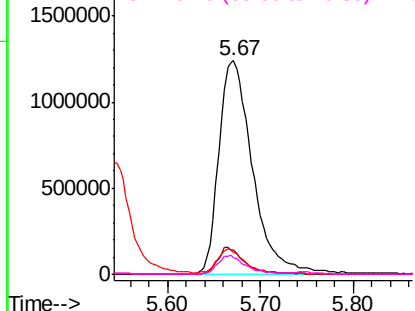
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

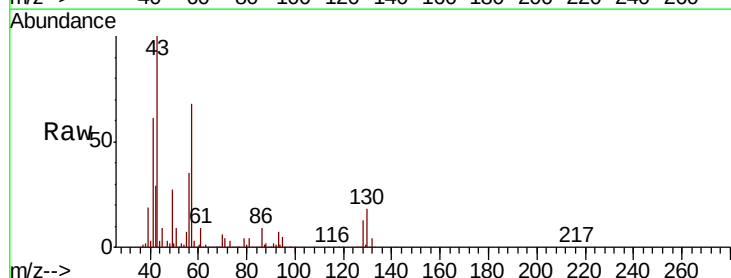
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.980 ppbv
RT: 5.68 min Scan# 900
Delta R.T.: -0.01 min
Lab File: VL039320.D
Acq: 22 Jun 2022 13:11

Tgt Ion: 57 Resp: 1359319

Ion	Ratio	Lower	Upper
57	100		
41	93.4	72.4	108.6
43	231.1	187.0	280.6
56	53.1	41.8	62.6



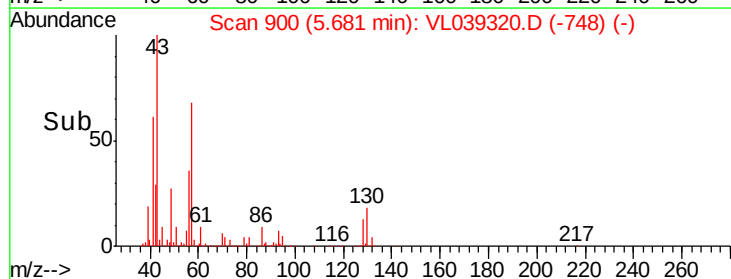
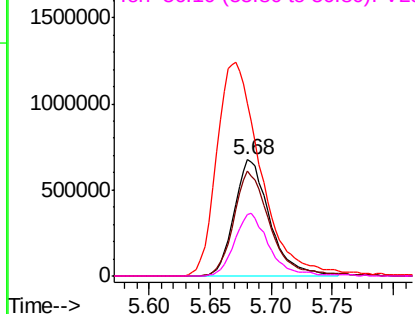
Abundance

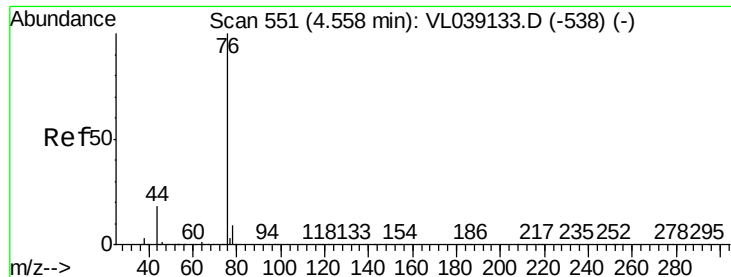
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 11.212 ppbv

RT: 4.55 Instrument: MSVOA_L

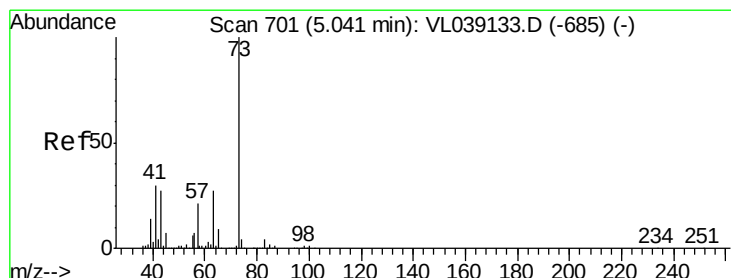
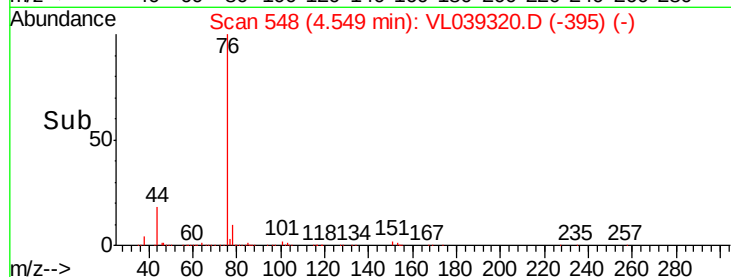
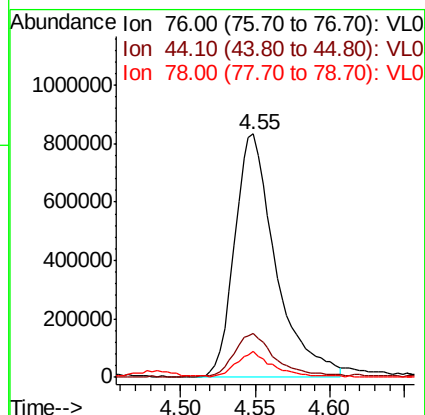
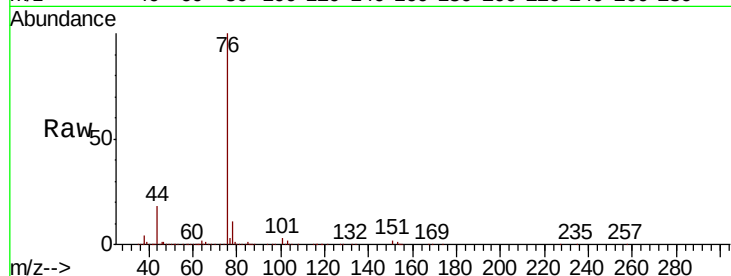
Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 22 Jun 2022 13:11

Tot Ion: 76 Resp: 1582710

Ion	Ratio	Lower	Upper
76	100		
44	18.9	14.4	21.6
78	9.4	7.7	11.5



#28

Methyl tert-Butyl Ether

Concen: 8.494 ppbv

RT: 5.03 min Scan# 698

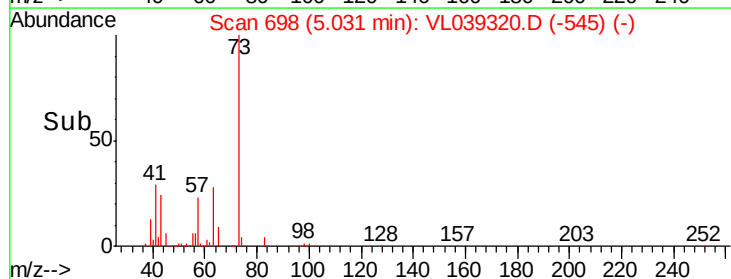
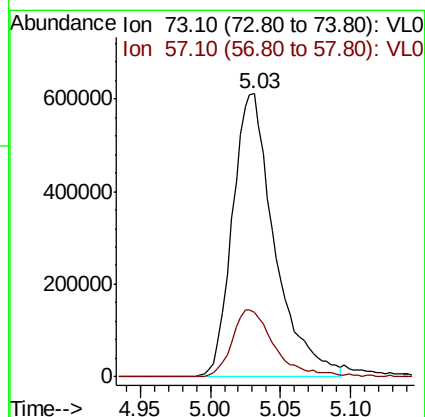
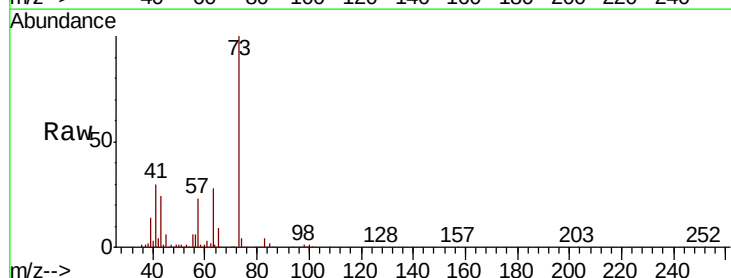
Delta R.T. -0.01 min

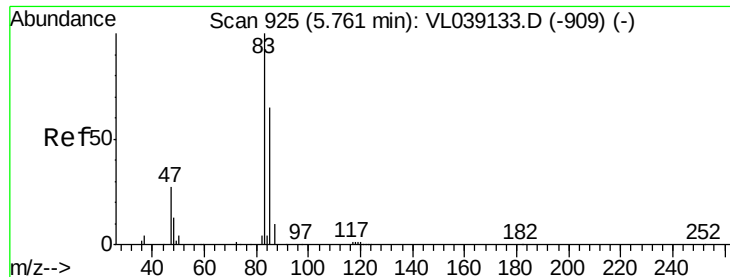
Lab File: VL039320.D

Acq: 22 Jun 2022 13:11

Tgt Ion: 73 Resp: 1277189

Ion	Ratio	Lower	Upper
73	100		
57	24.4	18.6	27.8





#29

Chloroform

Concen: 9.030 ppbv

RT: 5.75 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

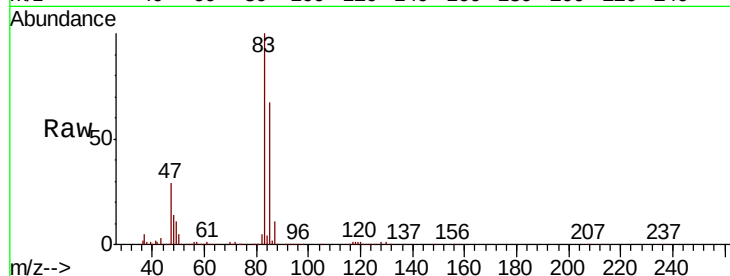
Acq: 22 Jun 2022 13:11

Tot Ion: 83 Resp: 2069592

Ion Ratio Lower Upper

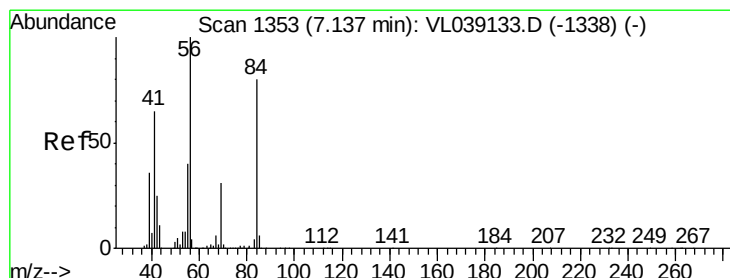
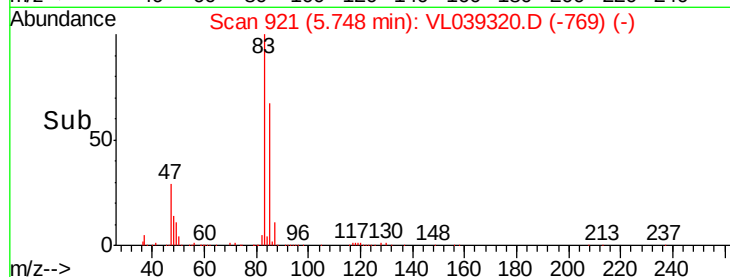
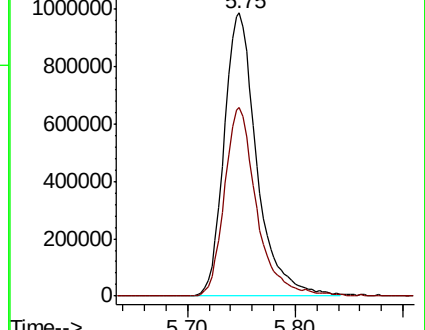
83 100

85 66.7 52.4 78.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 10.182 ppbv

RT: 7.13 min Scan# 1350

Delta R.T. -0.01 min

Lab File: VL039320.D

Acq: 22 Jun 2022 13:11

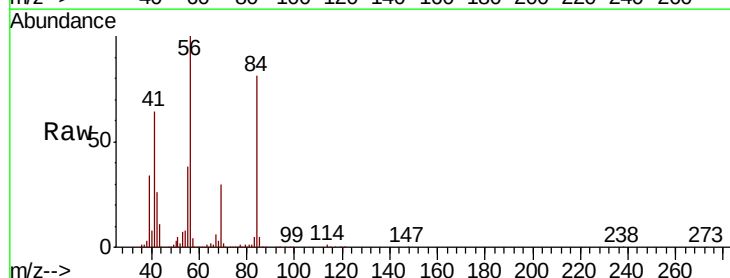
Tgt Ion: 84 Resp: 1165033

Ion Ratio Lower Upper

84 100

56 135.2 110.6 165.8

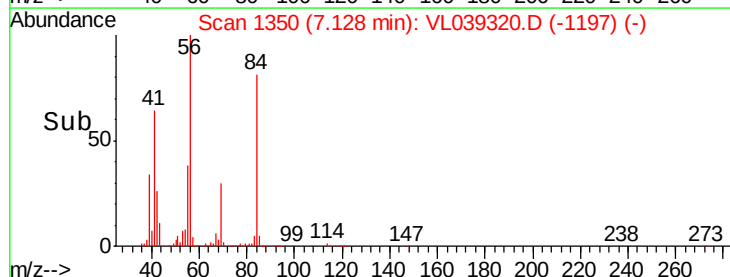
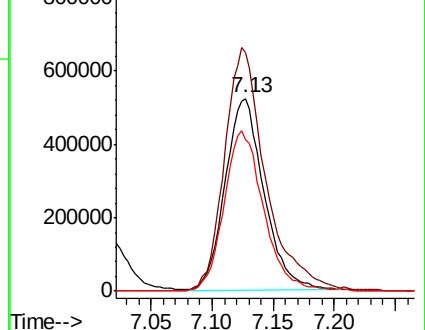
41 85.4 68.9 103.3

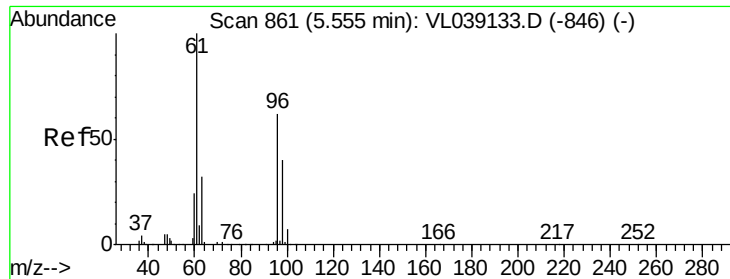


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

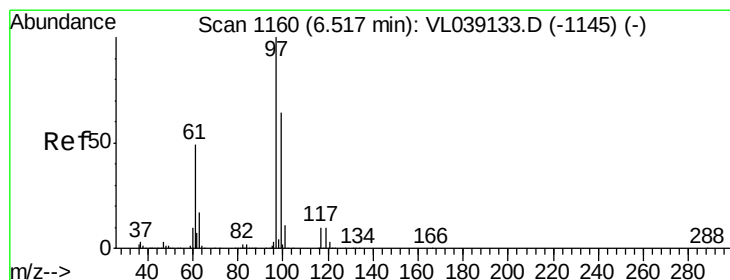
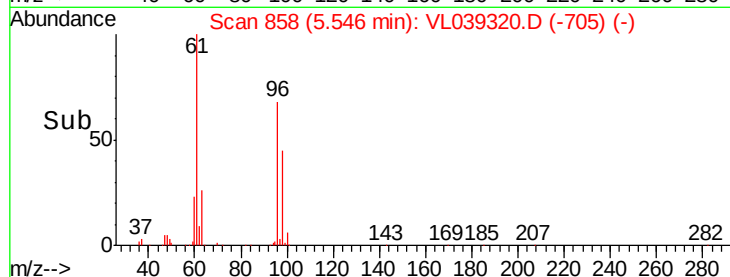
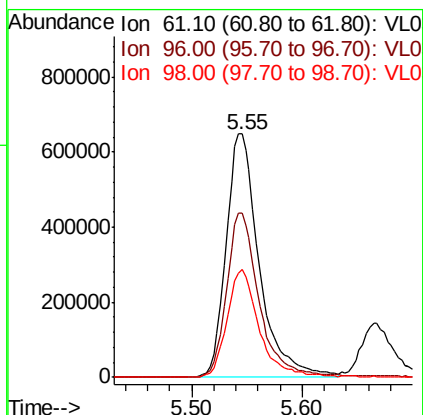
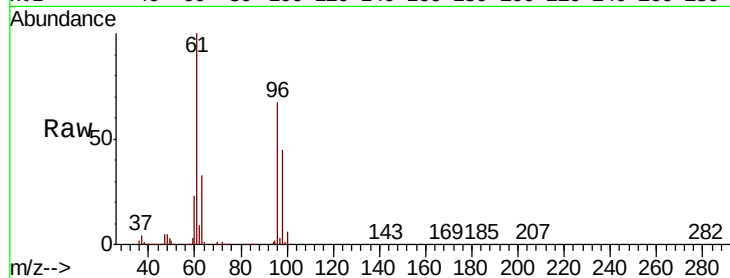
Ion 41.10 (40.80 to 41.80): VL0





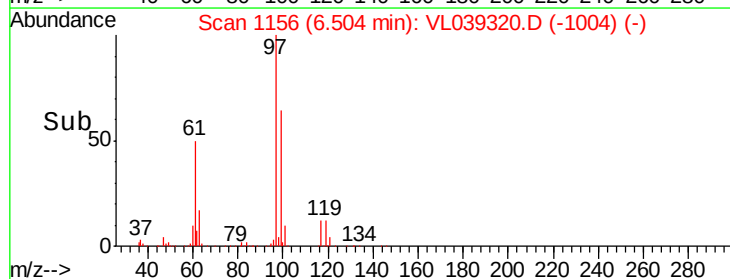
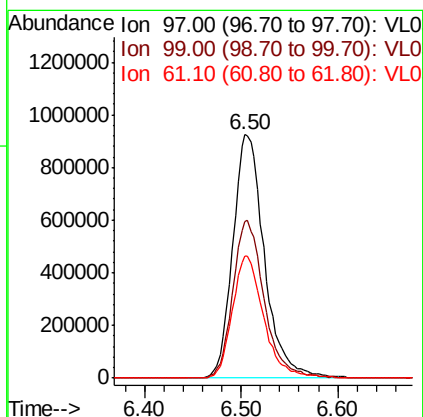
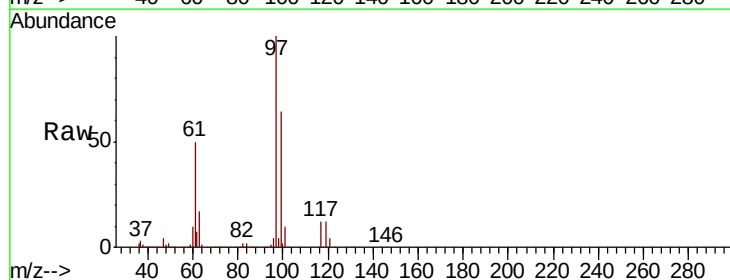
#31
 cis-1,2-Dichloroethene
 Concen: 9.695 ppbv
 RT: 5.55
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Jun 2022 13:11

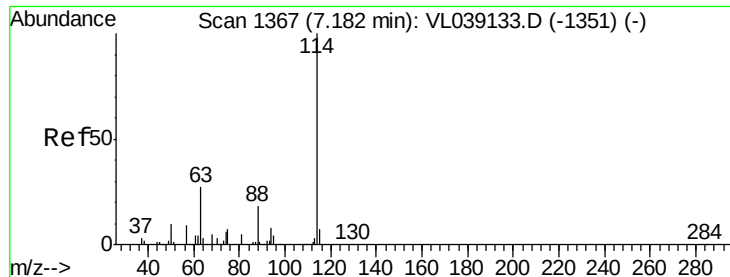
Tot Ion: 61 Resp: 1346471
 Ion Ratio Lower Upper
 61 100
 96 67.3 49.9 74.9
 98 44.5 32.0 48.0



#32
 1,1,1-Trichloroethane
 Concen: 9.348 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: VL039320.D
 Acq: 22 Jun 2022 13:11

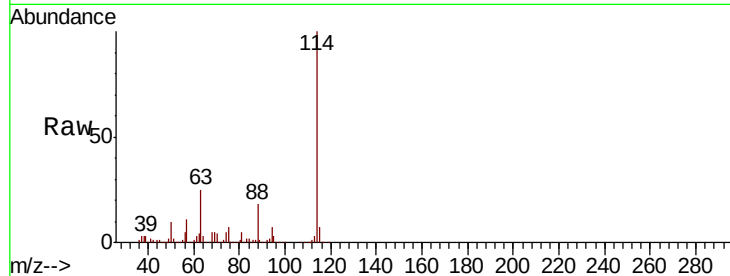
Tgt Ion: 97 Resp: 2096371
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.1 78.1
 61 50.2 40.0 60.0



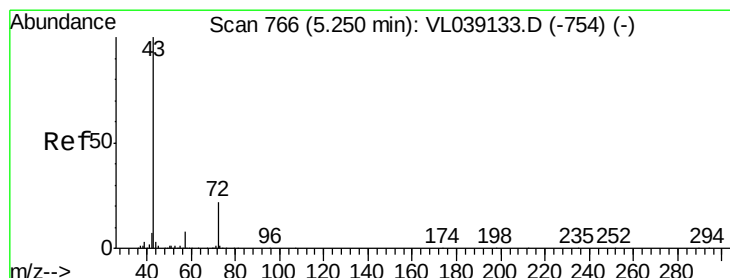
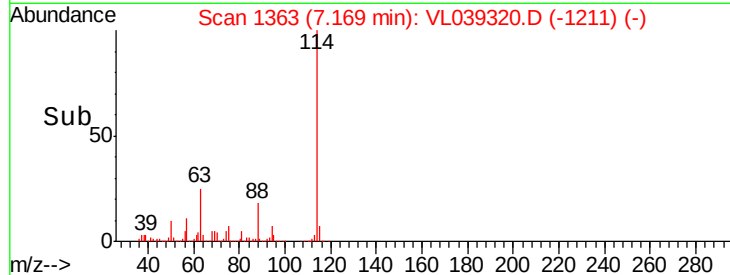
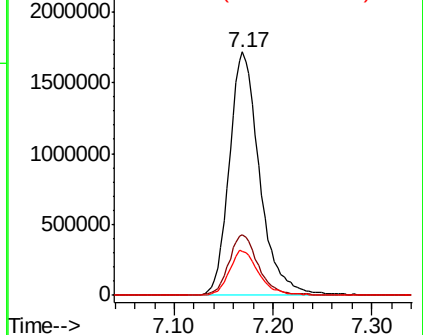


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 22 Jun 2022 13:11

Tot Ion:114 Resp: 3682730
 Ion Ratio Lower Upper
 114 100
 63 24.8 21.7 32.5
 88 18.3 14.8 22.2

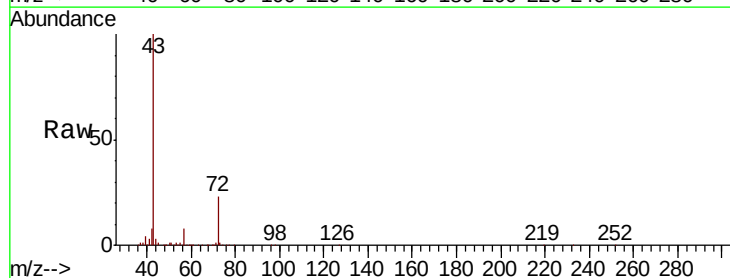


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

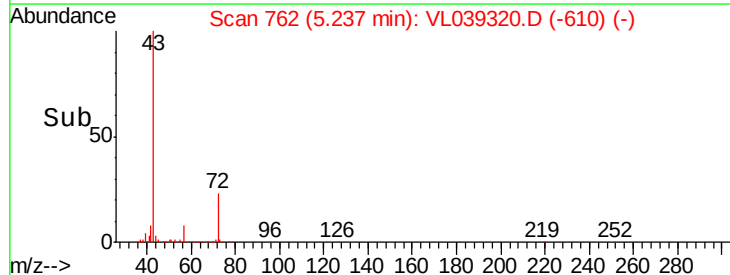
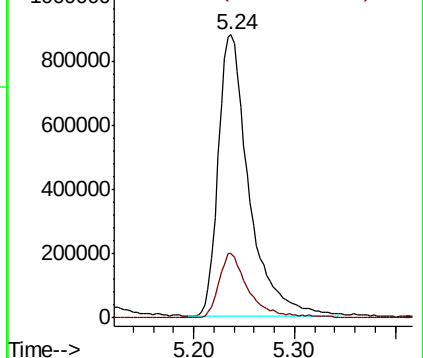


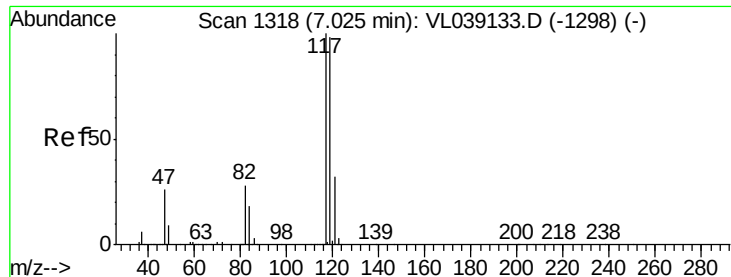
#34
 2-Butanone
 Concen: 9.323 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: VL039320.D
 Acq: 22 Jun 2022 13:11

Tgt Ion: 43 Resp: 1865405
 Ion Ratio Lower Upper
 43 100
 72 22.7 18.2 27.2



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





#35

Carbon Tetrachloride

Concen: 8.006 ppbv

RT: 7.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 13:11 VSTDCCC010

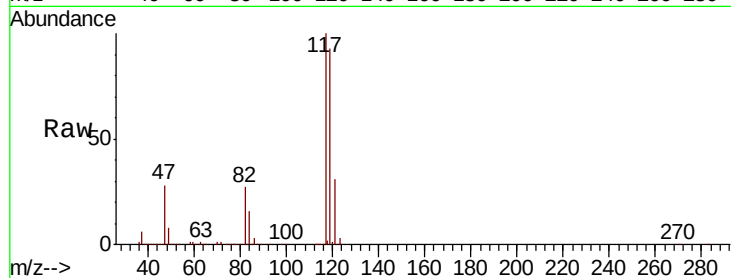
Tot Ion:117 Resp: 2152020

Ion Ratio Lower Upper

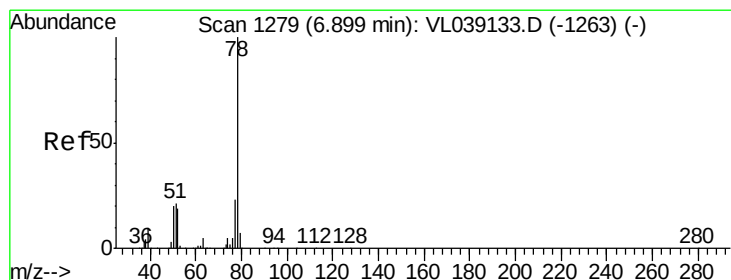
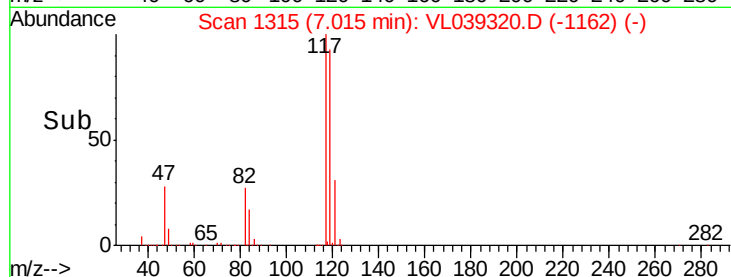
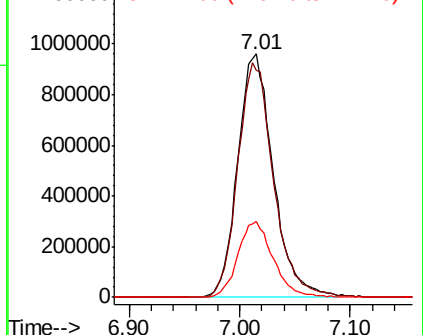
117 100

119 93.4 78.6 118.0

121 31.2 25.4 38.0



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.363 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VL039320.D

Acq: 22 Jun 2022 13:11

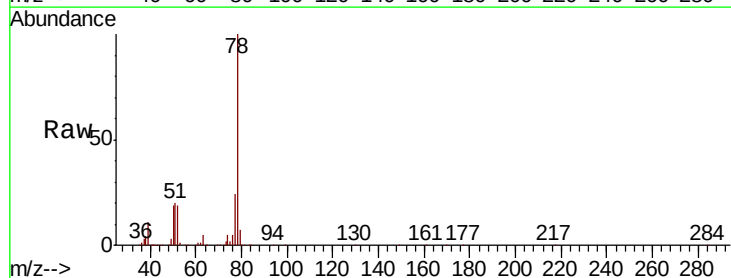
Tgt Ion: 78 Resp: 2799350

Ion Ratio Lower Upper

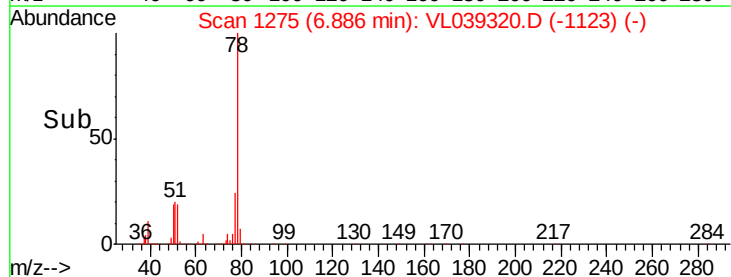
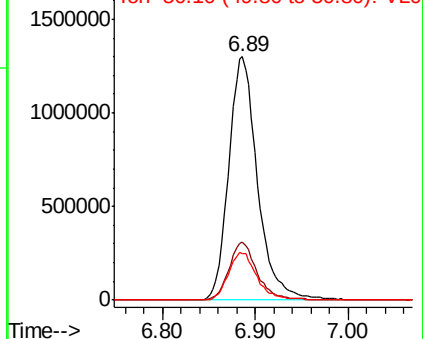
78 100

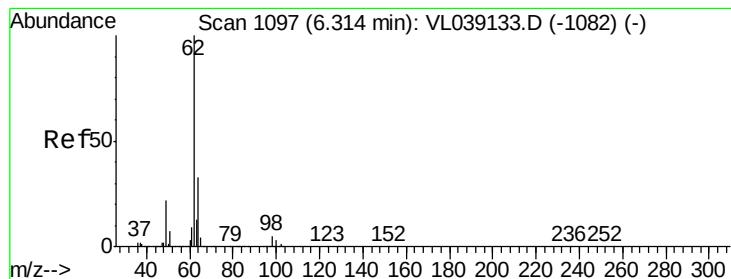
77 23.6 18.6 27.8

50 19.1 15.8 23.8



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 8.027 ppbv

RT: 6.30 Instrument: MSVOA_1

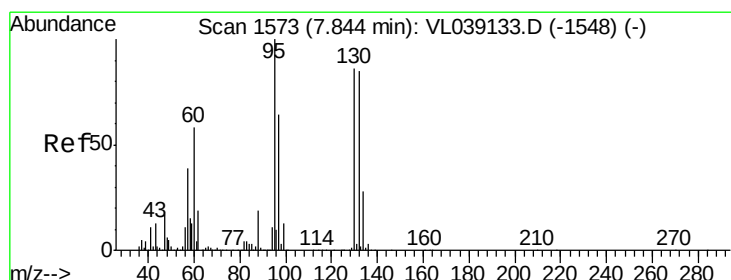
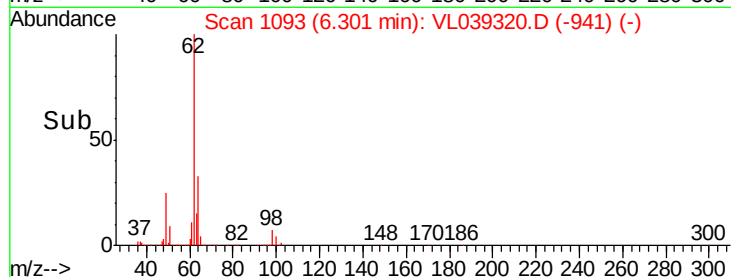
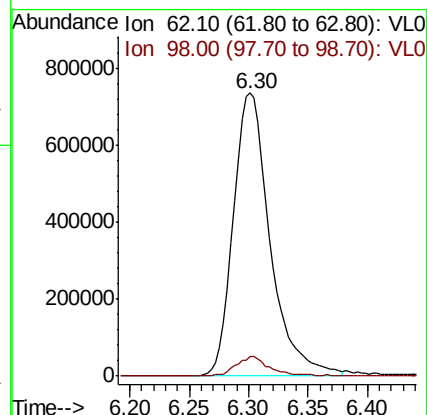
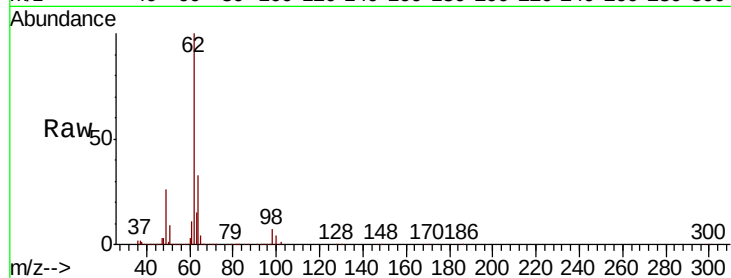
Delta R.T.

Lab File: ClientSampleId:

Acq: 22 Jun 2022 13:11

Tot Ion: 62 Resp: 1579535

Ion	Ratio	Lower	Upper
62	100		
98	6.6	4.3	6.5#



#38

Trichloroethene

Concen: 10.281 ppbv

RT: 7.83 min Scan# 1568

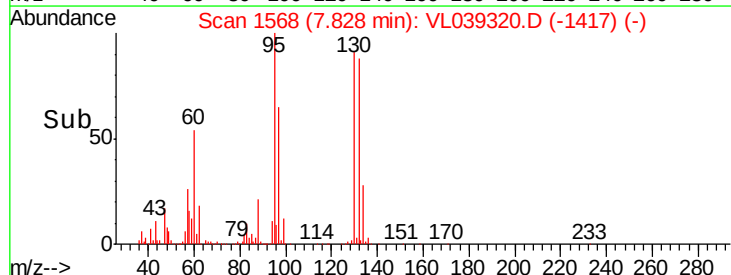
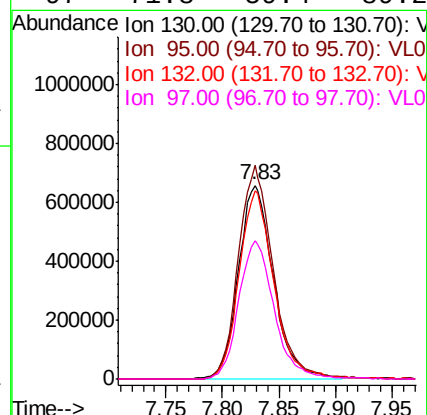
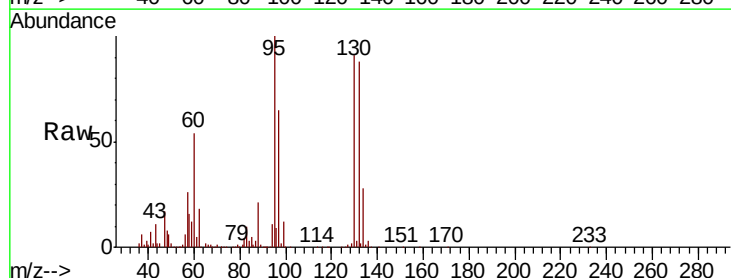
Delta R.T. -0.02 min

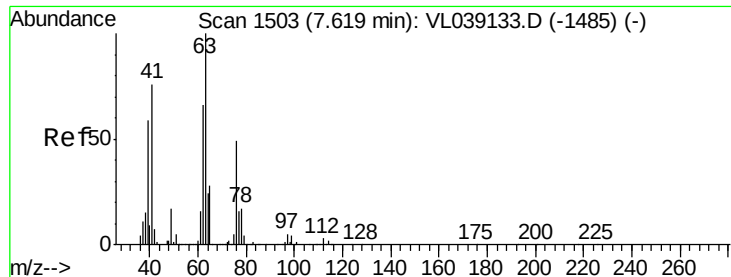
Lab File: VL039320.D

Acq: 22 Jun 2022 13:11

Tgt Ion: 130 Resp: 1411836

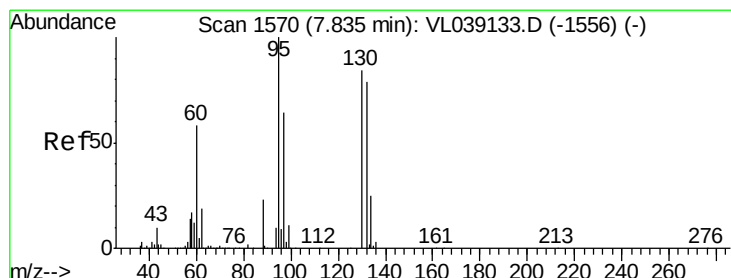
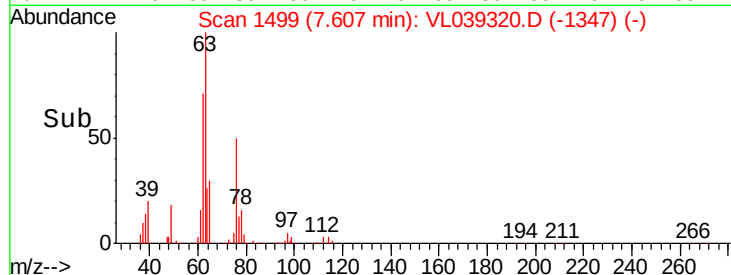
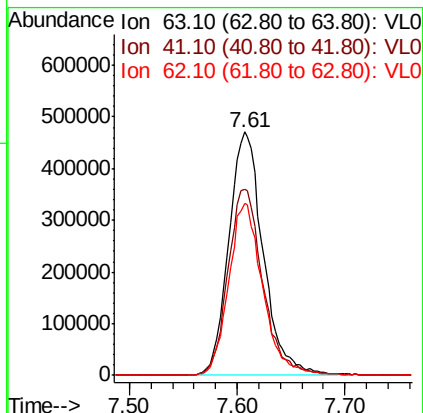
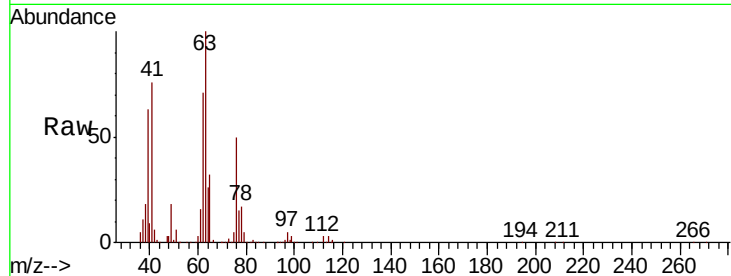
Ion	Ratio	Lower	Upper
130	100		
95	110.8	93.3	139.9
132	97.4	79.0	118.4
97	71.8	59.4	89.2





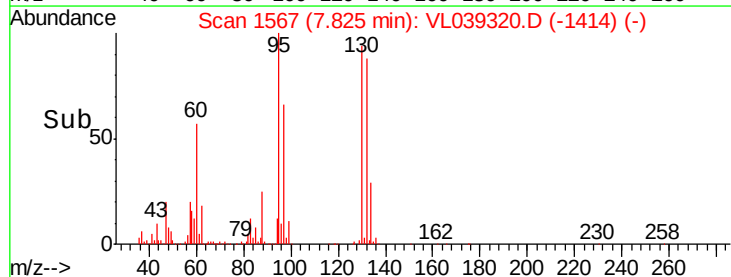
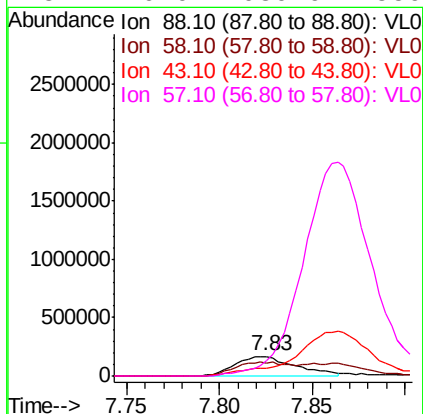
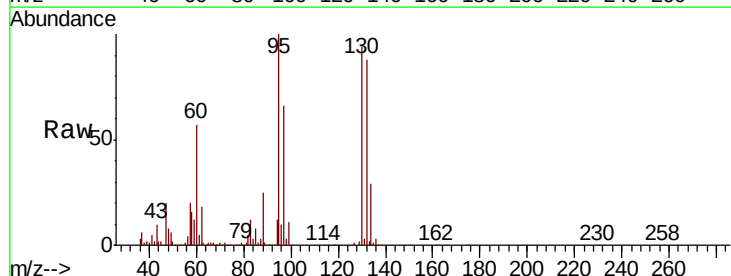
#39
 1,2-Dichloropropane
 Concen: 8.792 ppbv
 RT: 7.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 22 Jun 2022 13:11

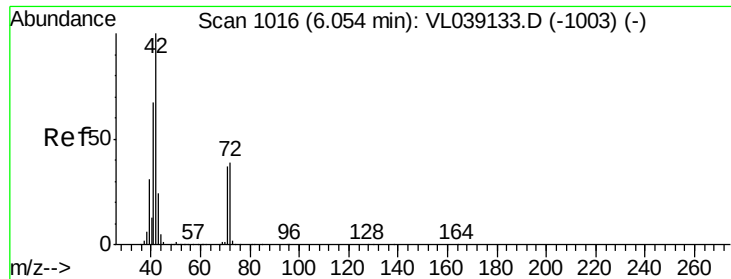
Tot Ion: 63 Resp: 1045547
 Ion Ratio Lower Upper
 63 100
 41 76.3 60.8 91.2
 62 70.5 52.9 79.3



#40
 1,4-Dioxane
 Concen: 9.646 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: VL039320.D
 Acq: 22 Jun 2022 13:11

Tgt Ion: 88 Resp: 377654
 Ion Ratio Lower Upper
 88 100
 58 65.0 111.2 166.8#
 43 0.0 234.2 351.4#
 57 0.0 1039.9 1559.9#

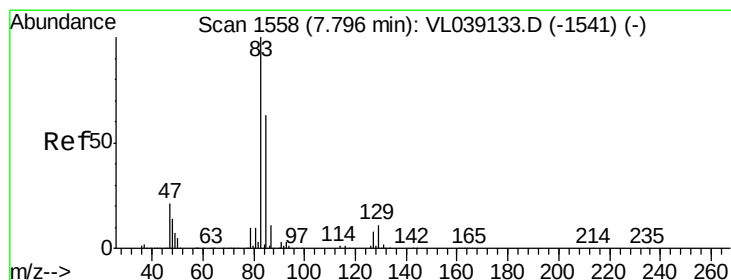
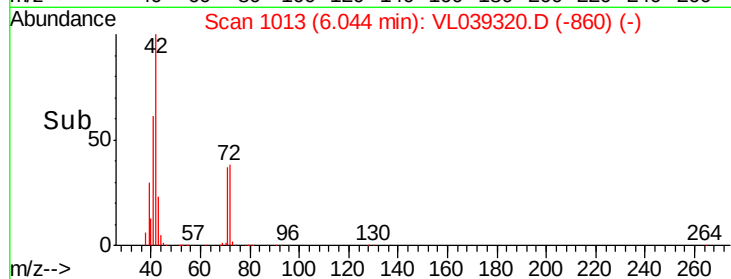
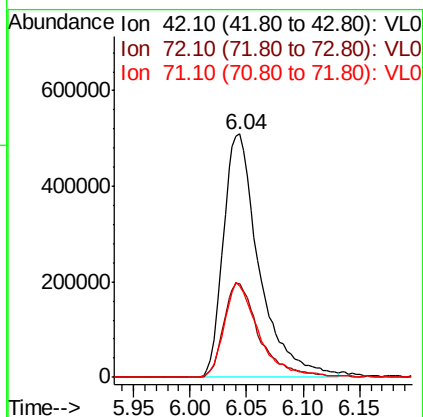
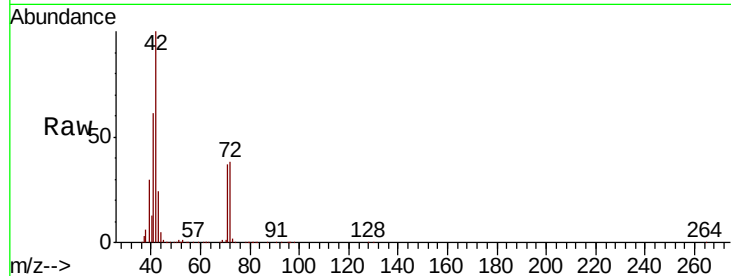




#41
Tetrahydrofuran
Concen: 9.340 ppbv
RT: 6.04
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 22 Jun 2022 13:11

Tot Ion: 42 Resp: 1123896

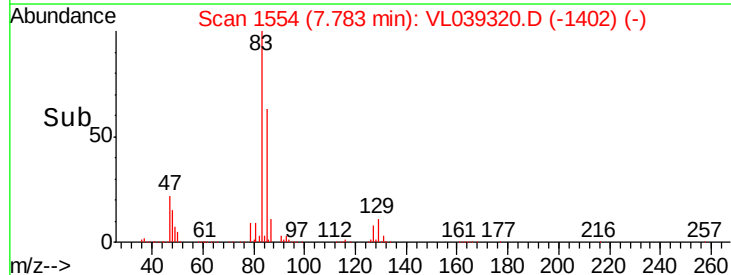
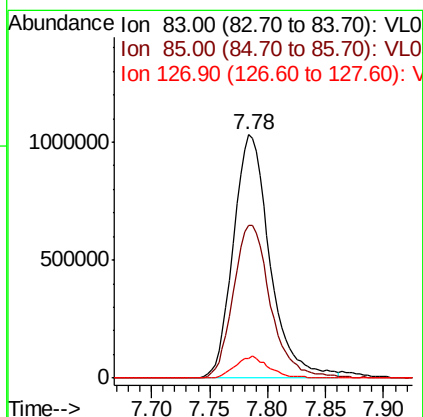
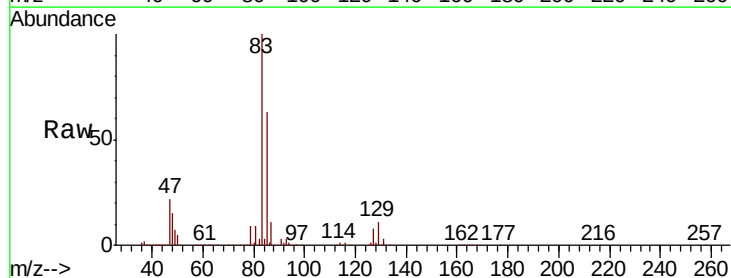
Ion	Ratio	Lower	Upper
42	100		
72	39.1	32.0	48.0
71	38.0	31.1	46.7

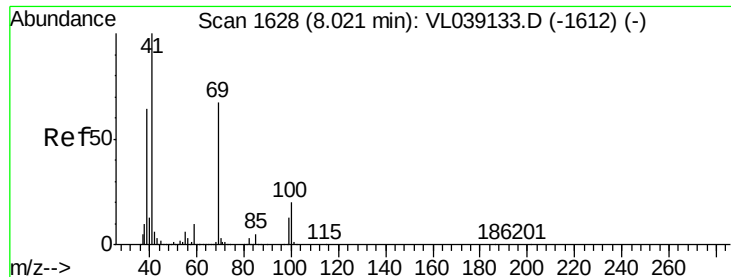


#42
Bromodichloromethane
Concen: 8.283 ppbv
RT: 7.78 min Scan# 1554
Delta R.T.: -0.01 min
Lab File: VL039320.D
Acq: 22 Jun 2022 13:11

Tgt Ion: 83 Resp: 2261996

Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.2	75.4
127	8.1	6.6	9.8





#43

Methyl Methacrylate

Concen: 9.698 ppbv

RT: 8.01

Instrument: MSVOA_1

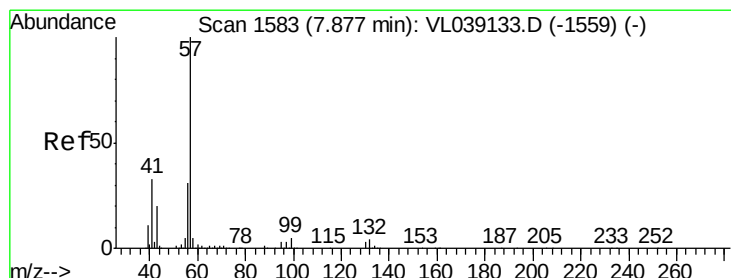
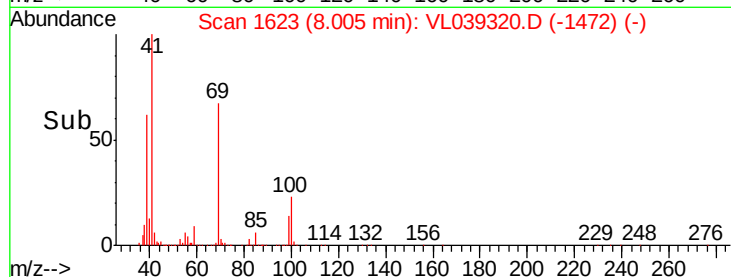
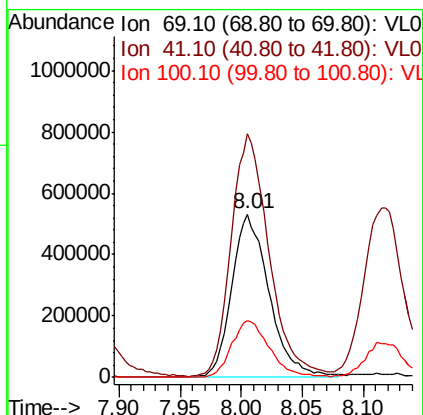
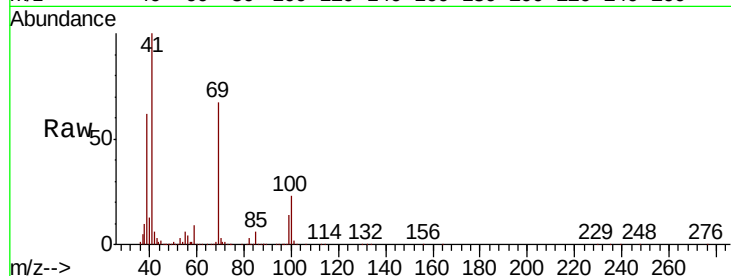
Delta R.T.

Lab File: ClientSampleId: VSTDCCC010

Acq: 22 Jun 2022 13:11

Tot Ion: 69 Resp: 1129384

Ion	Ratio	Lower	Upper
69	100		
41	152.0	121.9	182.9
100	35.2	24.1	36.1



#44

2,2,4-Trimethylpentane

Concen: 9.007 ppbv

RT: 7.86 min Scan# 1579

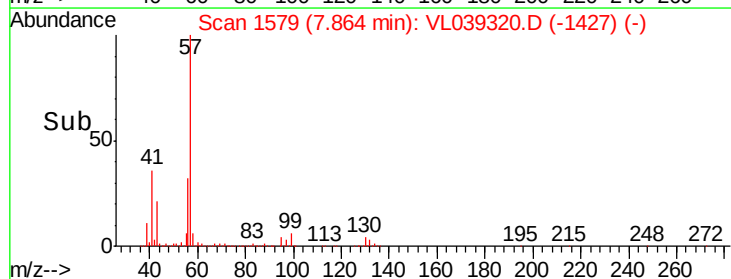
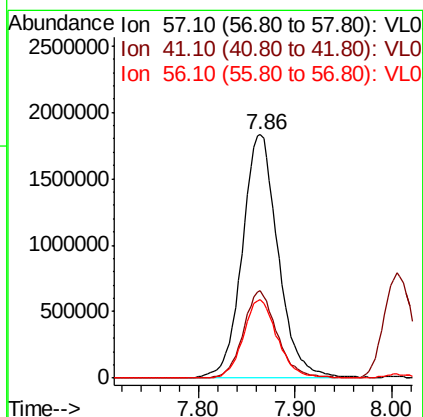
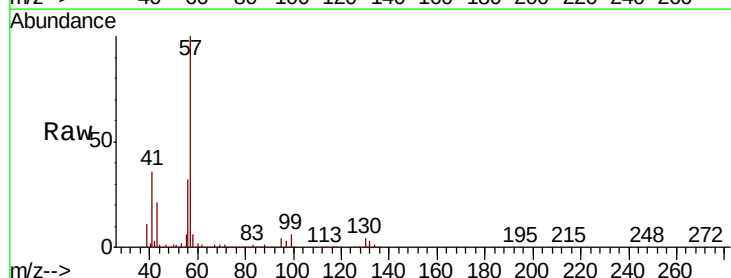
Delta R.T. -0.01 min

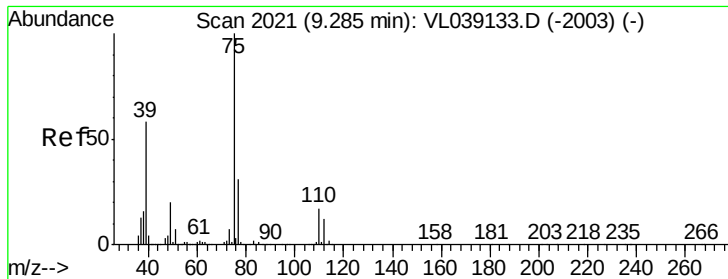
Lab File: VL039320.D

Acq: 22 Jun 2022 13:11

Tgt Ion: 57 Resp: 4710789

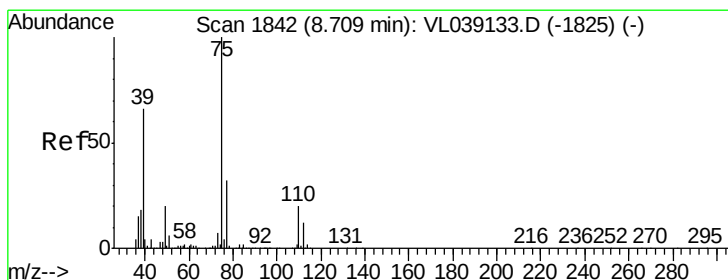
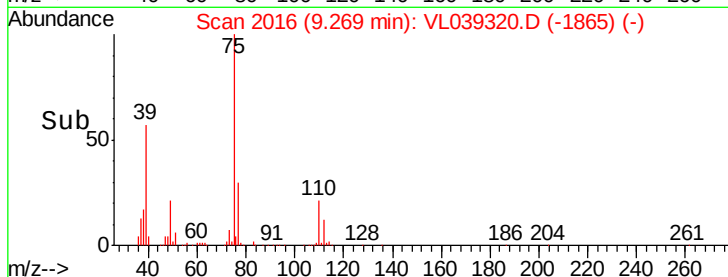
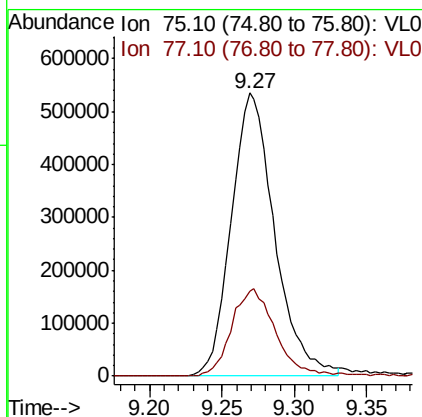
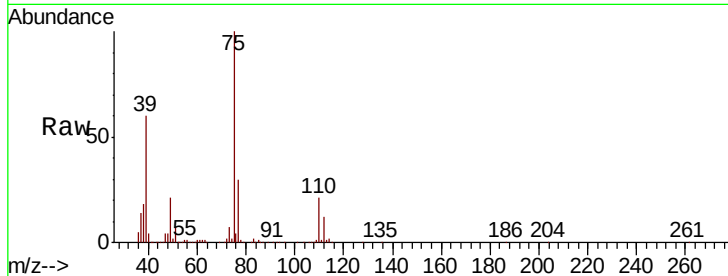
Ion	Ratio	Lower	Upper
57	100		
41	33.9	26.2	39.4
56	30.9	24.7	37.1





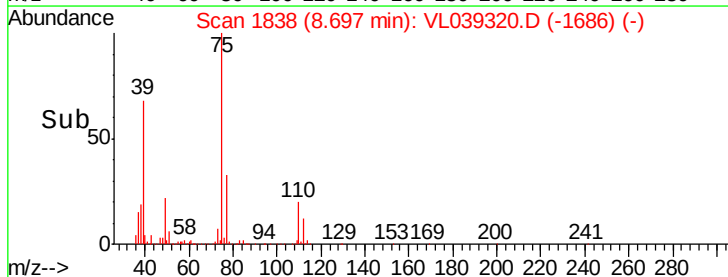
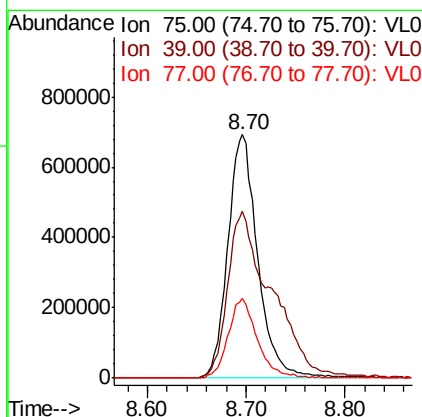
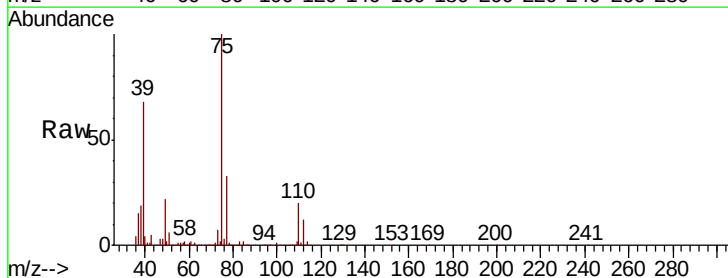
#45
 t-1,3-Dichloropropene
 Concen: 9.130 ppbv
 RT: 9.27
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 22 Jun 2022 13:11

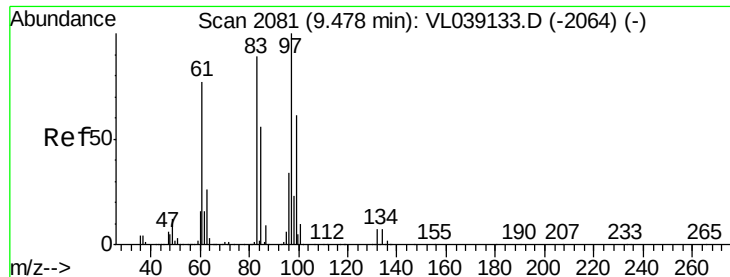
Tot Ion: 75 Resp: 1107300
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.4 36.6



#46
 cis-1,3-Dichloropropene
 Concen: 9.150 ppbv
 RT: 8.70 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: VL039320.D
 Acq: 22 Jun 2022 13:11

Tgt Ion: 75 Resp: 1465997
 Ion Ratio Lower Upper
 75 100
 39 68.2 52.4 78.6
 77 33.0 25.5 38.3

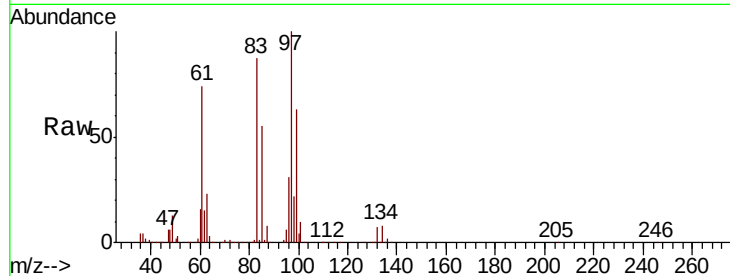




#47
 1,1,2-Trichloroethane
 Concen: 9.255 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 22 Jun 2022 13:11

Tot Ion: 97 Resp: 1148248

Ion	Ratio	Lower	Upper
97	100		
83	86.4	71.6	107.4
85	55.4	44.8	67.2
99	63.0	49.0	73.4



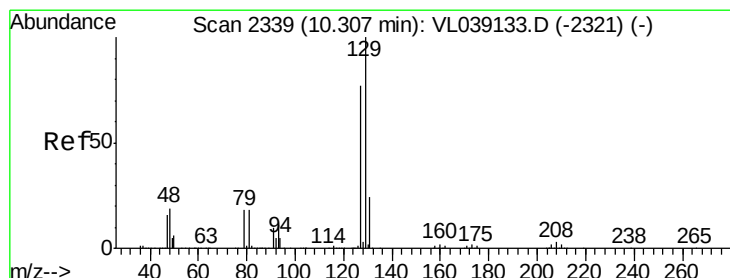
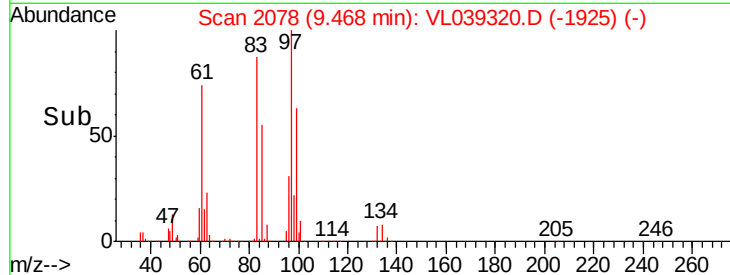
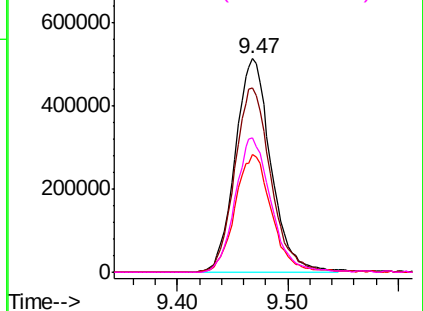
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

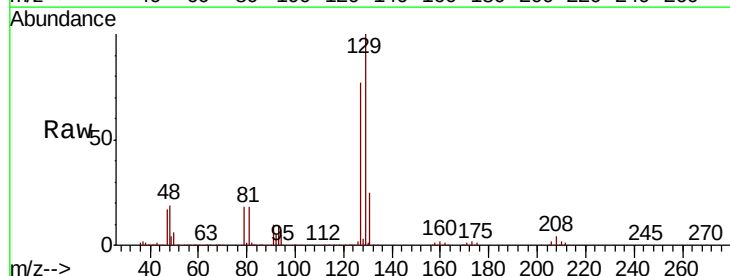
Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 8.820 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. -0.01 min
 Lab File: VL039320.D
 Acq: 22 Jun 2022 13:11

Tgt Ion: 129 Resp: 1953968

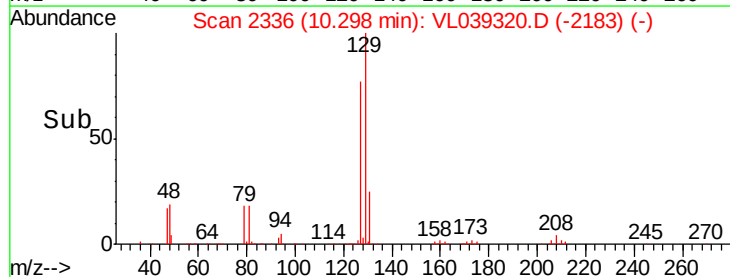
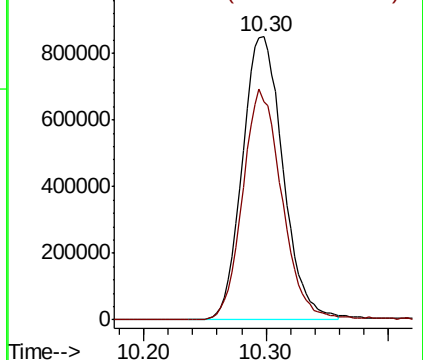
Ion	Ratio	Lower	Upper
129	100		
127	79.2	40.0	119.9

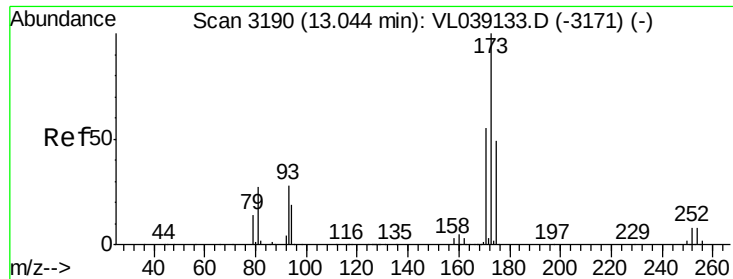


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 8.708 ppbv

RT: 13.03

Delta R.T.

Lab File:

Acq: 22 Jun 2022

Instrument:

MSVOA_L

ClientSampleId:

VSTDCCC010

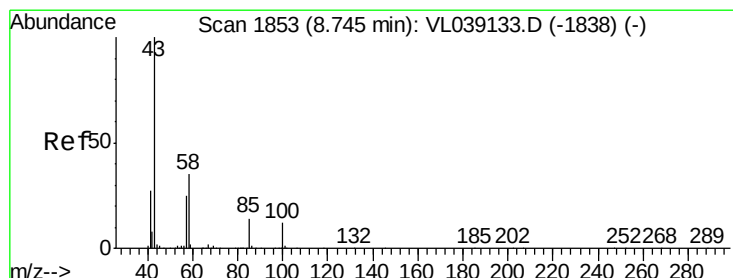
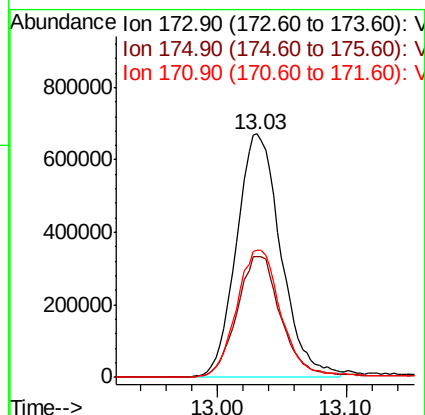
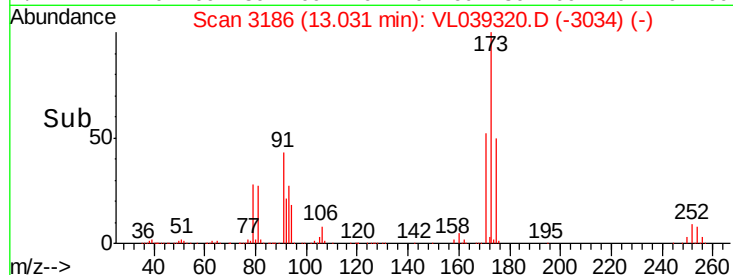
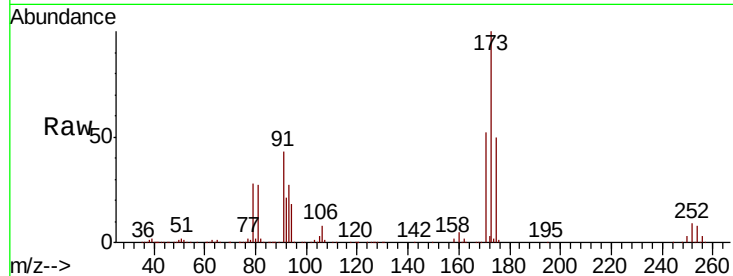
Tot Ion:173 Resp: 1607639

Ion Ratio Lower Upper

173 100

175 50.5 40.2 60.2

171 54.4 43.9 65.9



#50

4-Methyl-2-Pentanone

Concen: 9.691 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. -0.01 min

Lab File: VL039320.D

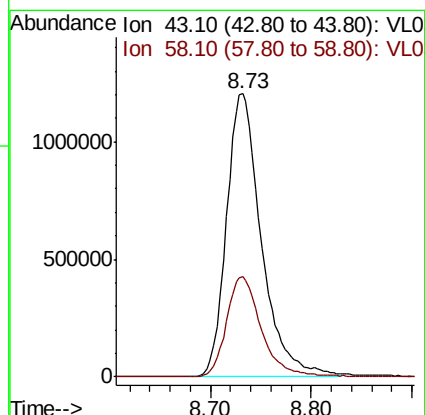
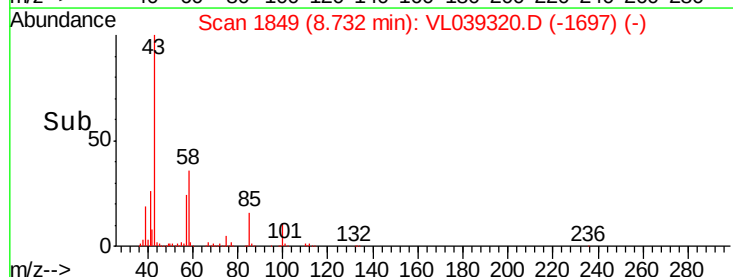
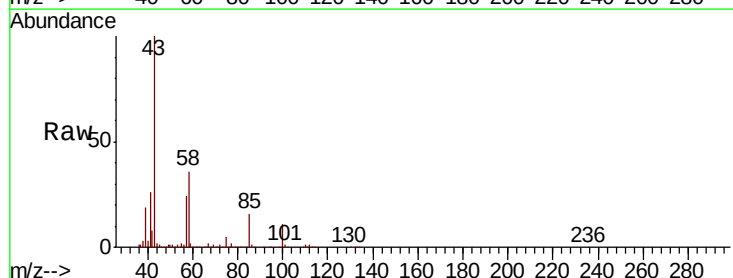
Acq: 22 Jun 2022 13:11

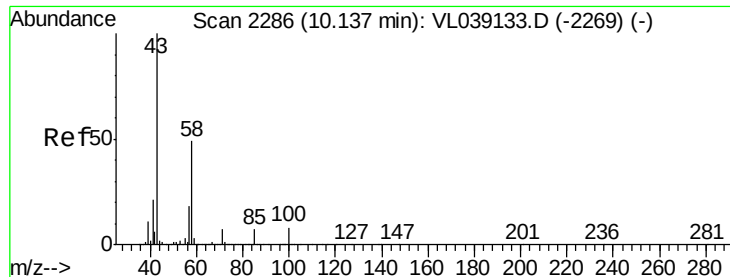
Tgt Ion: 43 Resp: 2902253

Ion Ratio Lower Upper

43 100

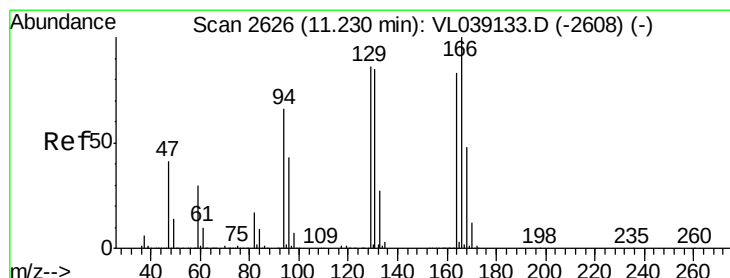
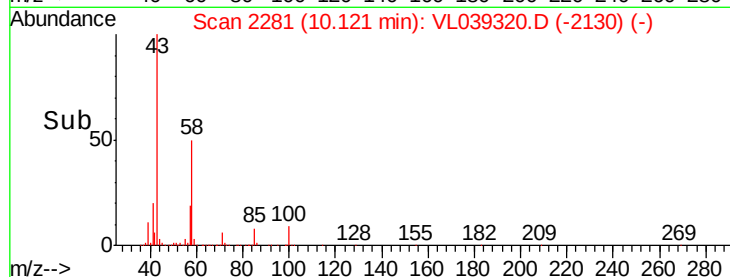
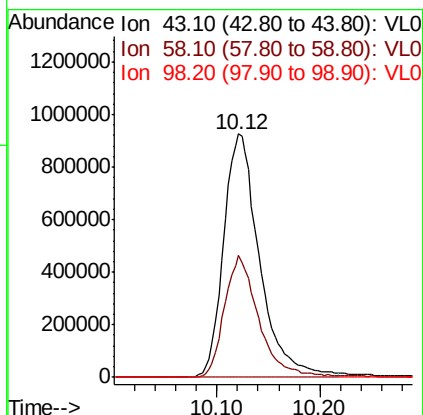
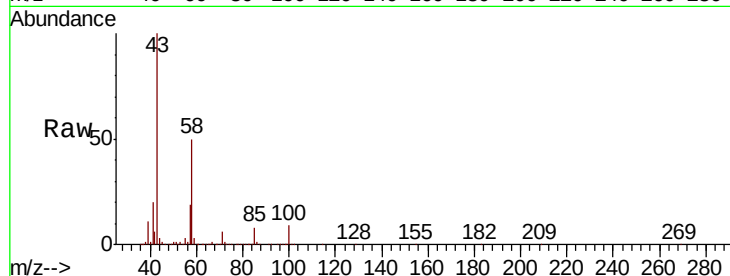
58 35.7 28.7 43.1





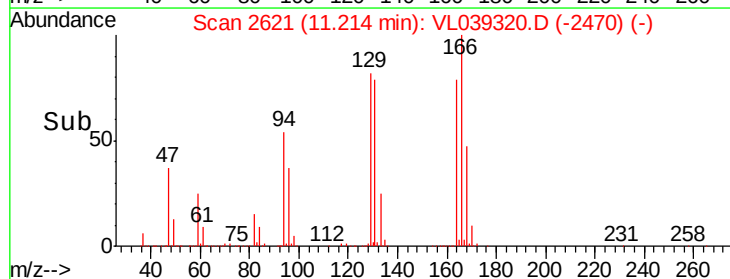
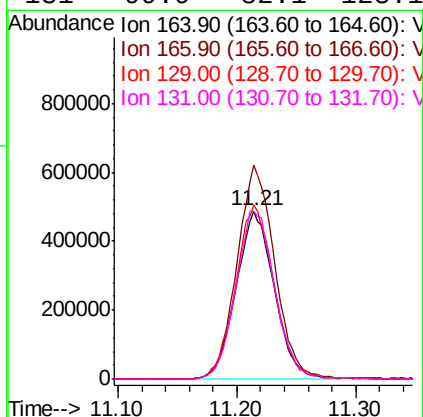
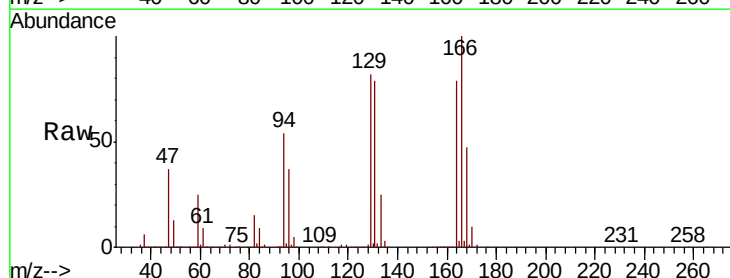
#51
2-Hexanone
Concen: 9.604 ppbv
RT: 10.12
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 22 Jun 2022 13:11

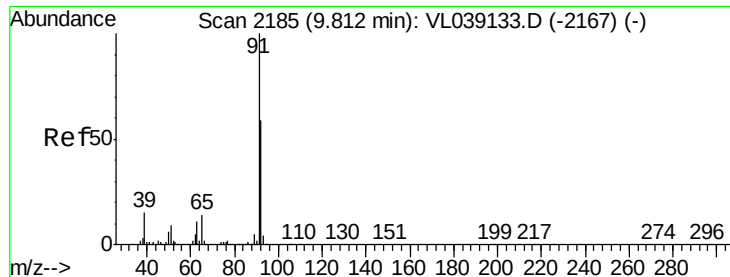
Tot Ion: 43 Resp: 2238162
Ion Ratio Lower Upper
43 100
58 48.8 40.0 60.0
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.217 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.02 min
Lab File: VL039320.D
Acq: 22 Jun 2022 13:11

Tgt Ion:164 Resp: 1075971
Ion Ratio Lower Upper
164 100
166 127.3 96.3 144.5
129 104.0 82.5 123.7
131 99.9 82.1 123.1





#53

Toluene

Concen: 9.673 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

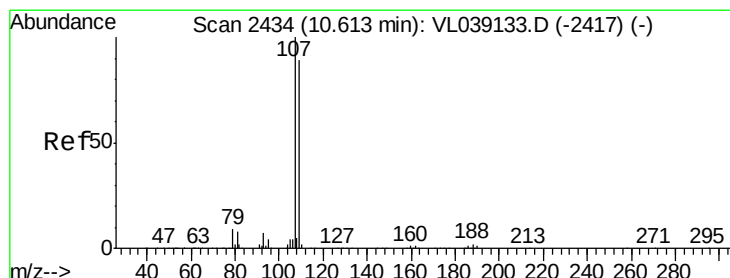
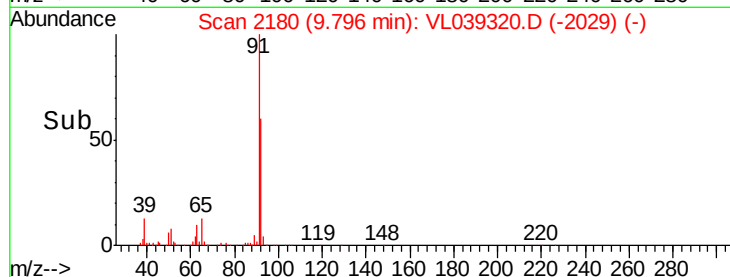
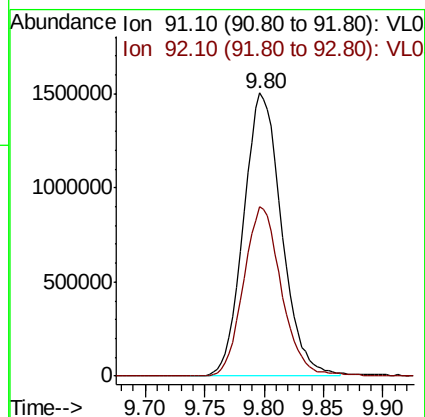
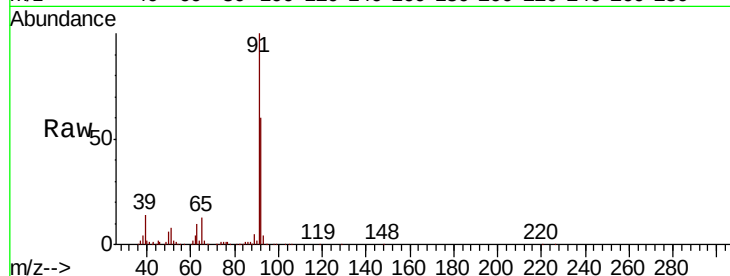
Acq: 22 Jun 2022 13:11 VSTDCCC010

Tot Ion: 91 Resp: 3330292

Ion Ratio Lower Upper

91 100

92 59.8 48.1 72.1



#54

1,2-Dibromoethane

Concen: 9.226 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. -0.01 min

Lab File: VL039320.D

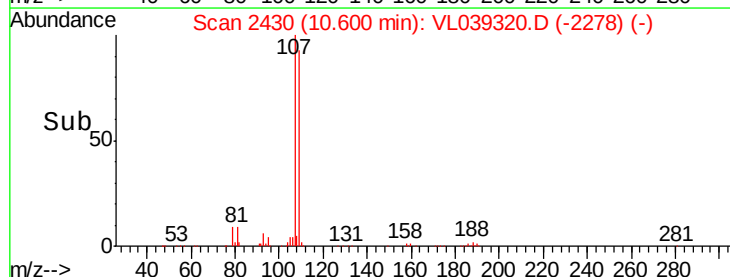
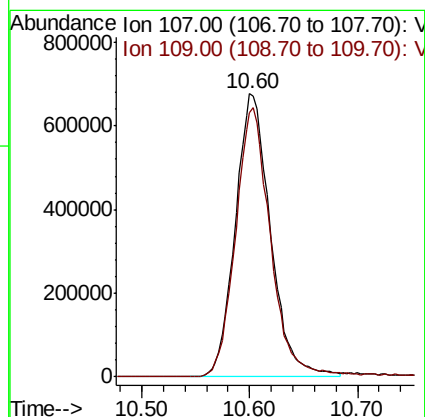
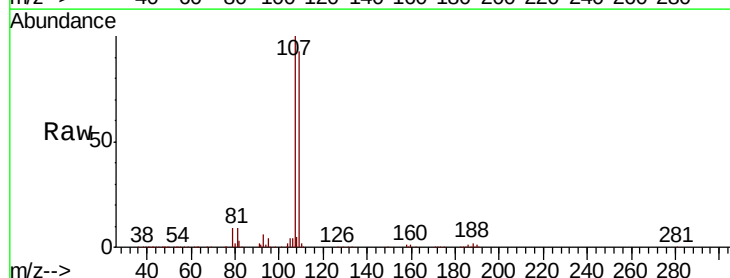
Acq: 22 Jun 2022 13:11

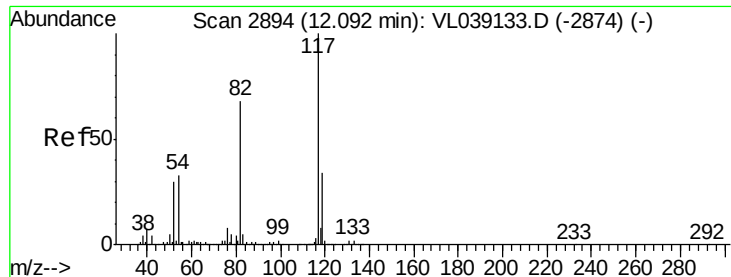
Tgt Ion:107 Resp: 1538108

Ion Ratio Lower Upper

107 100

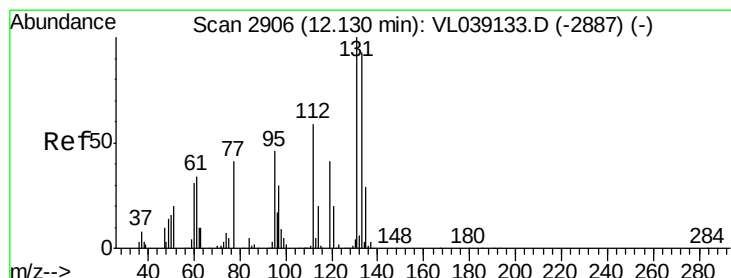
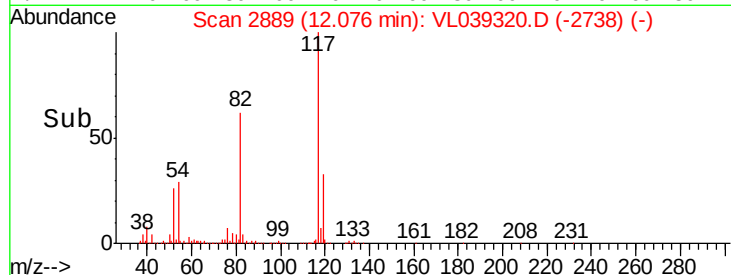
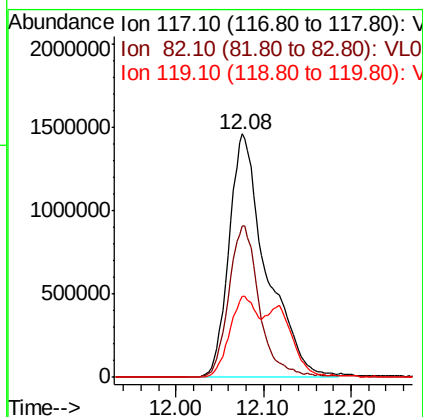
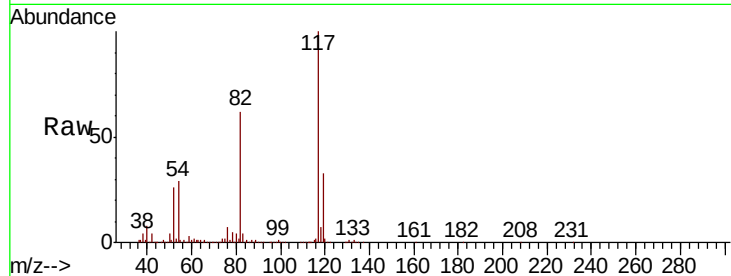
109 93.1 71.4 107.0





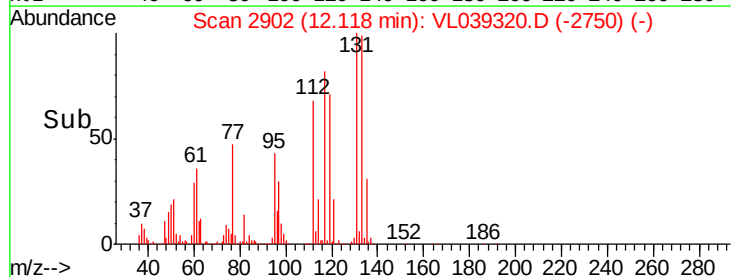
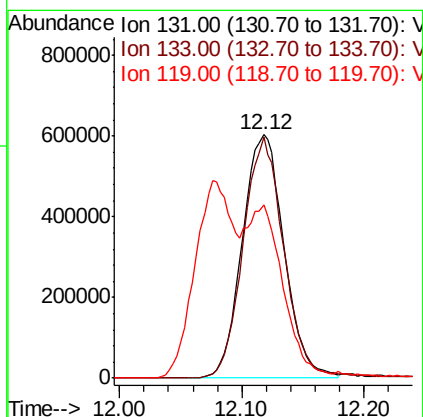
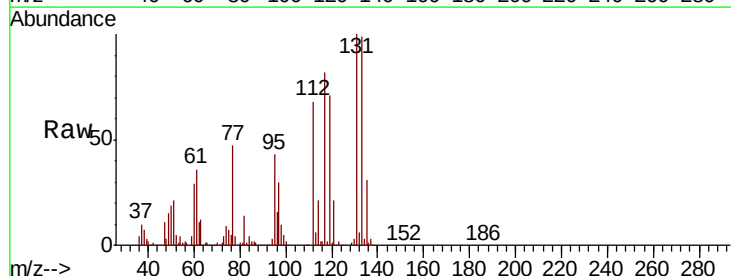
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VSTDCCC010
Acq: 22 Jun 2022 13:11

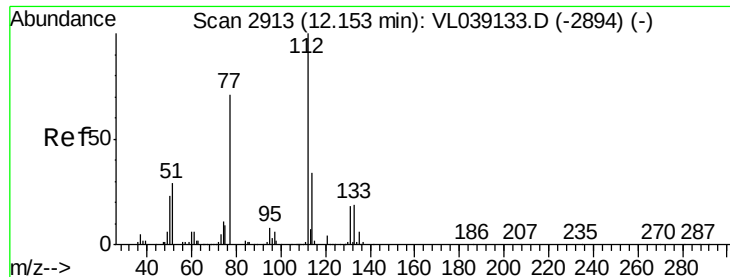
Tot Ion:117 Resp: 4322986
Ion Ratio Lower Upper
117 100
82 51.8 55.1 82.7#
119 27.1 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 6.968 ppbv
RT: 12.12 min Scan# 2902
Delta R.T.: -0.01 min
Lab File: VL039320.D
Acq: 22 Jun 2022 13:11

Tgt Ion:131 Resp: 1425410
Ion Ratio Lower Upper
131 100
133 97.7 78.6 117.8
119 66.6 51.7 77.5





#57

Chlorobenzene

Concen: 7.486 ppbv

RT: 12.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 13:11

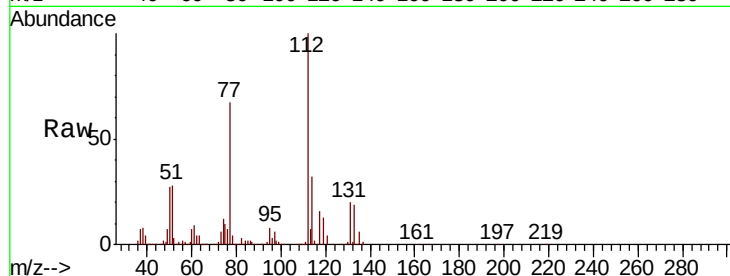
Tot Ion:112 Resp: 2434854

Ion Ratio Lower Upper

112 100

77 65.6 56.5 84.7

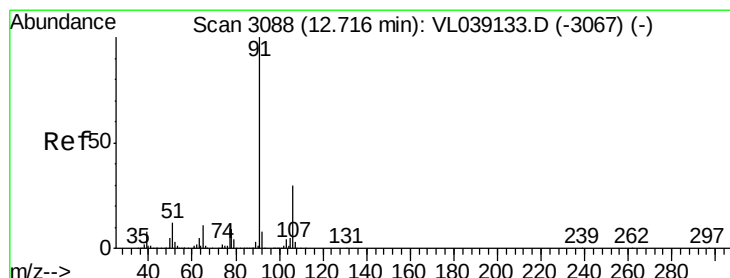
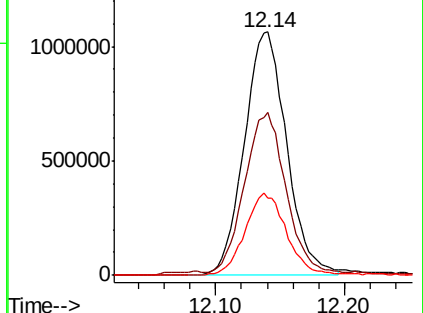
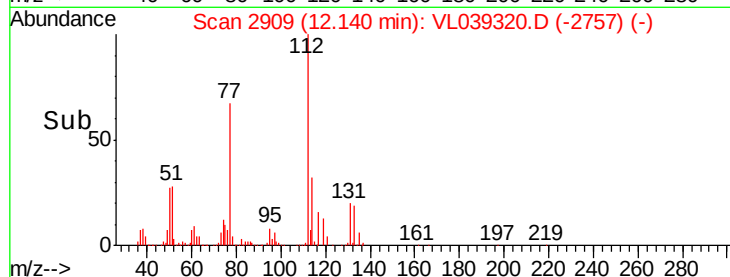
114 31.7 30.3 37.1



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 7.490 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. -0.01 min

Lab File: VL039320.D

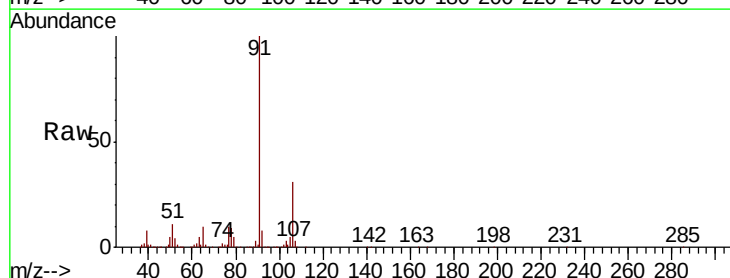
Acq: 22 Jun 2022 13:11

Tgt Ion: 91 Resp: 4460128

Ion Ratio Lower Upper

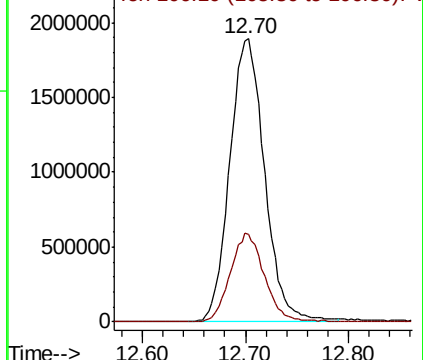
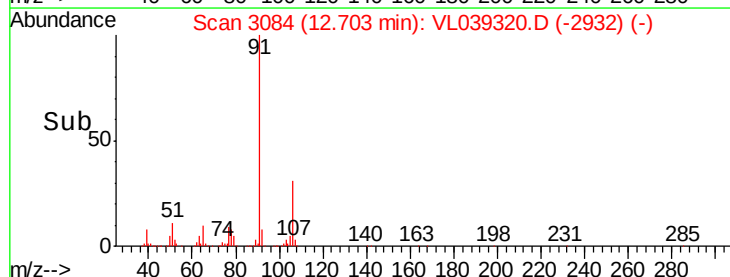
91 100

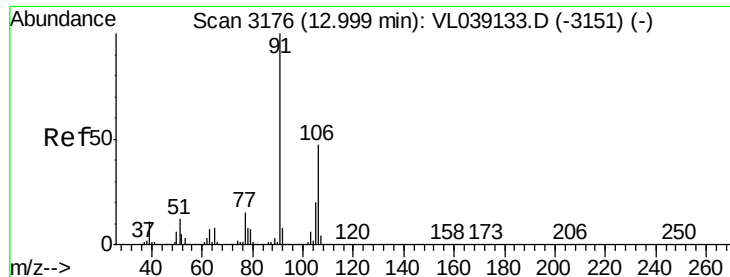
106 31.2 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 6.829 ppbv

RT: 12.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

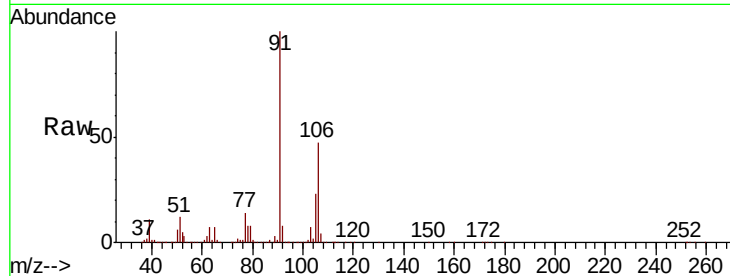
Acq: 22 Jun 2022 13:11

Tot Ion: 91 Resp: 3581044

Ion Ratio Lower Upper

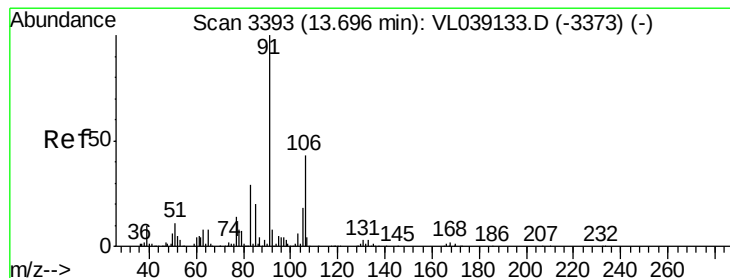
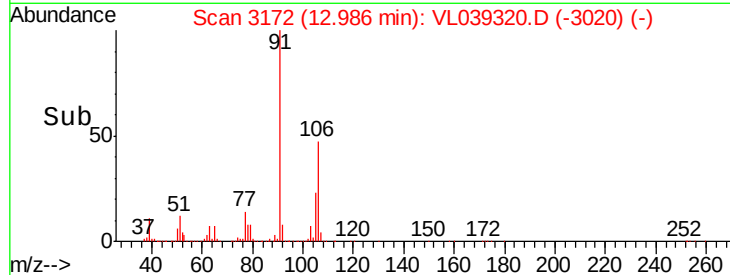
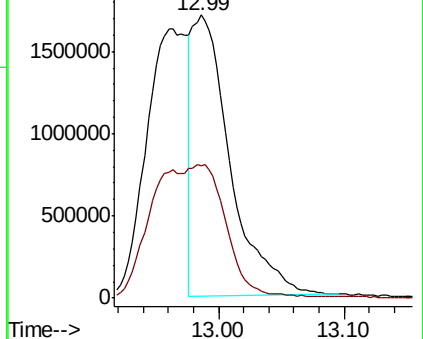
91 100

106 94.0 34.3 51.5#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 7.196 ppbv

RT: 13.68 min Scan# 3389

Delta R.T. -0.01 min

Lab File: VL039320.D

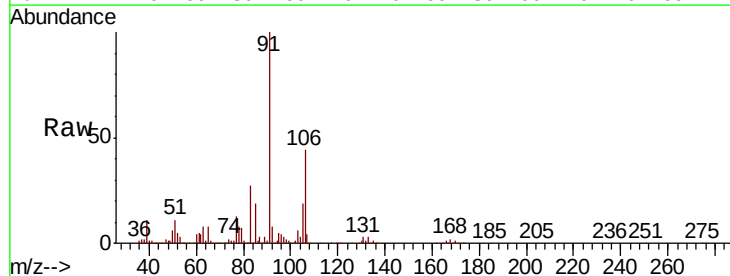
Acq: 22 Jun 2022 13:11

Tgt Ion: 91 Resp: 3545553

Ion Ratio Lower Upper

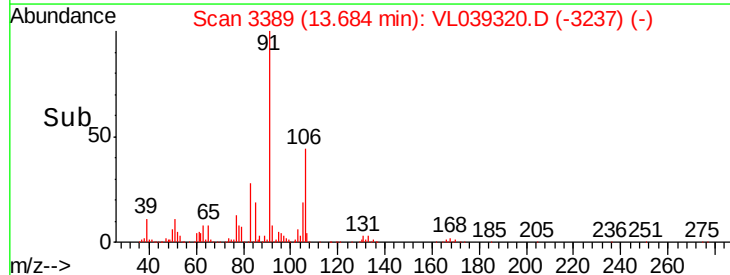
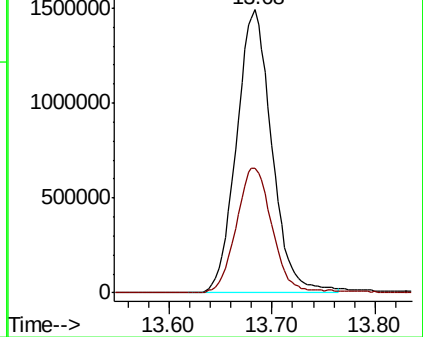
91 100

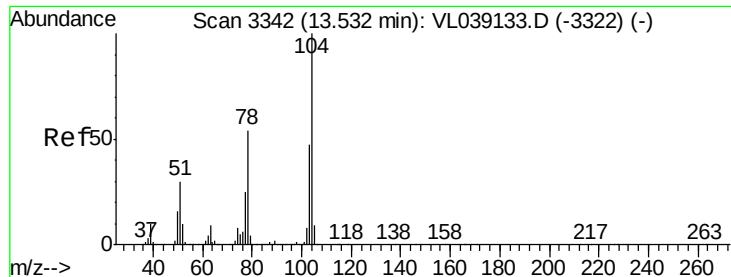
106 45.9 22.3 66.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#61

Stvrene

Concen: 8.001 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 13:11

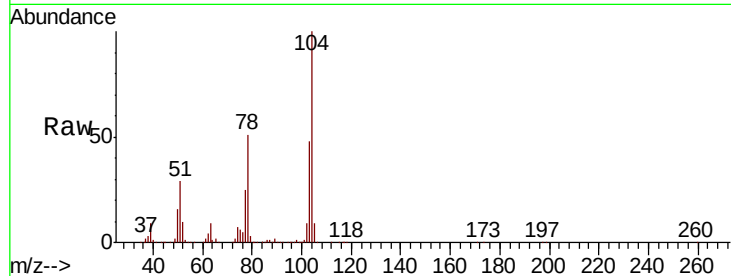
Tot Ion:104 Resp: 2111038

Ion Ratio Lower Upper

104 100

78 51.8 45.7 68.5

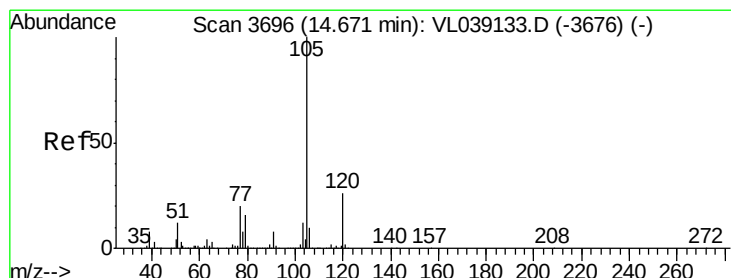
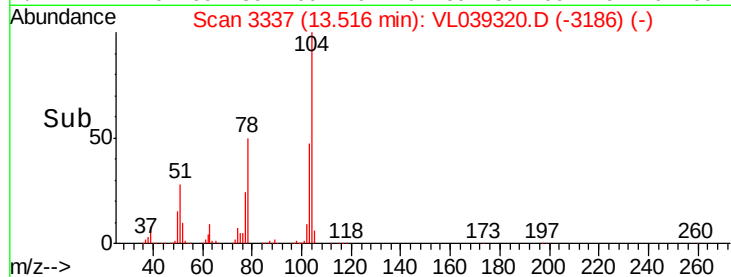
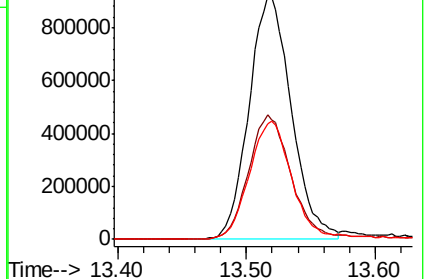
103 49.7 39.6 59.4



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: 7.231 ppbv

RT: 14.66 min Scan# 3692

Delta R.T. -0.01 min

Lab File: VL039320.D

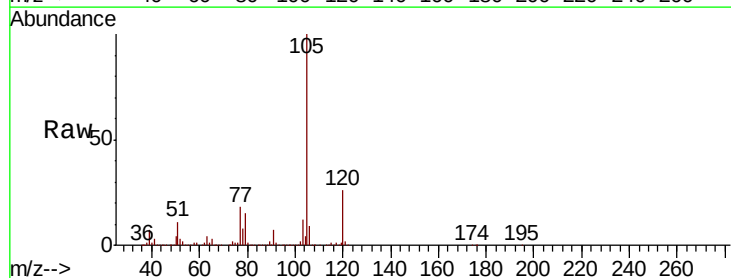
Acq: 22 Jun 2022 13:11

Tgt Ion:105 Resp: 5295295

Ion Ratio Lower Upper

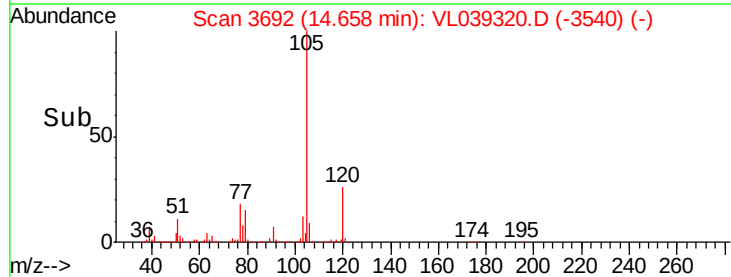
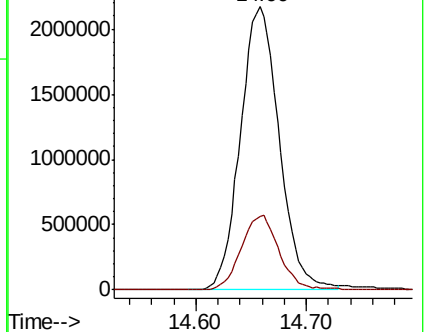
105 100

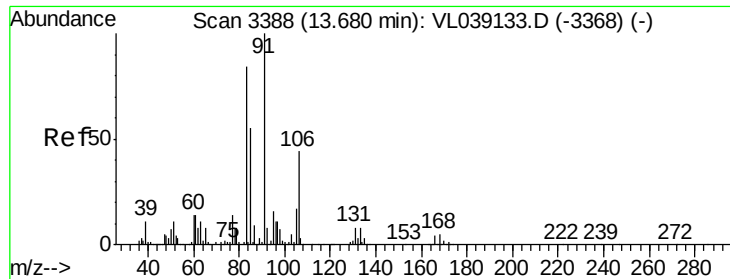
120 26.1 20.3 30.5



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: 6.400 ppbv

RT: 13.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 13:11

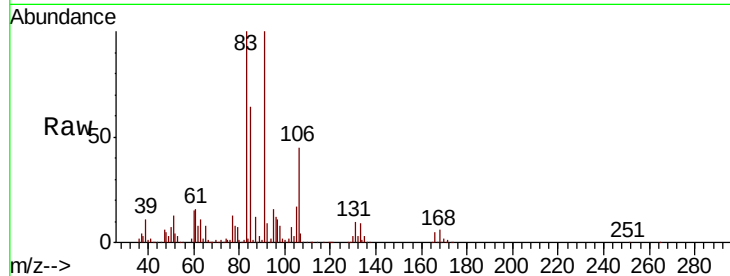
Tot Ion: 83 Resp: 1770178

Ion Ratio Lower Upper

83 100

131 10.2 4.8 14.3

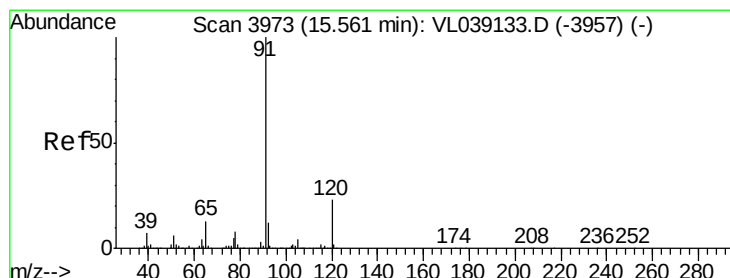
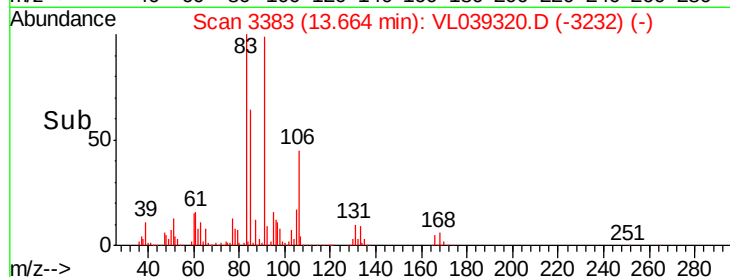
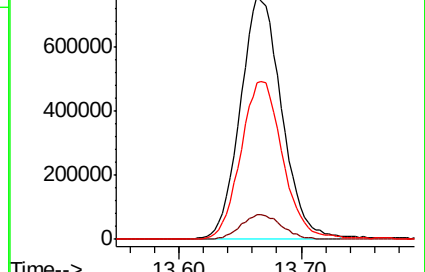
85 66.8 33.0 99.0



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 7.653 ppbv

RT: 15.55 min Scan# 3970

Delta R.T. -0.01 min

Lab File: VL039320.D

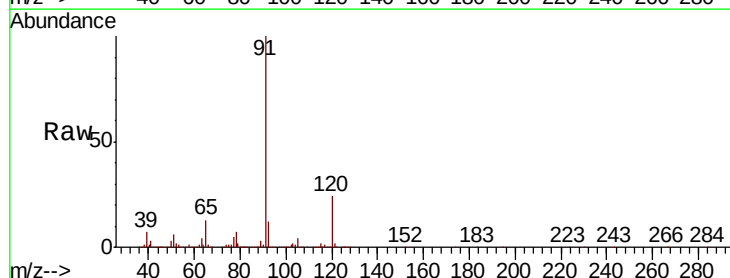
Acq: 22 Jun 2022 13:11

Tgt Ion:120 Resp: 1377683

Ion Ratio Lower Upper

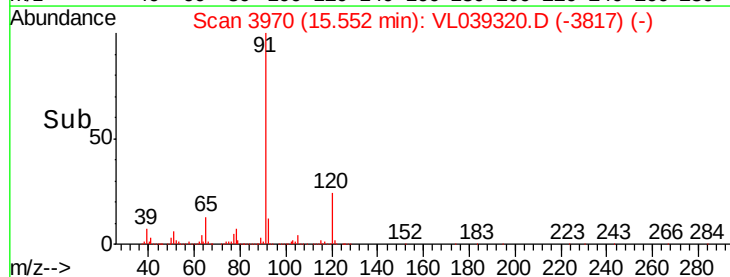
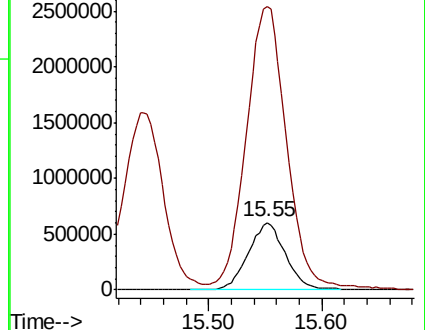
120 100

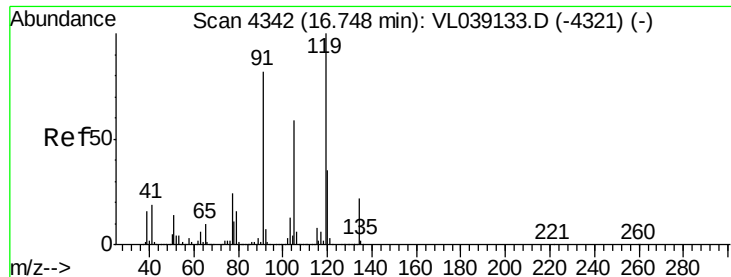
91 461.0 388.4 582.6



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0

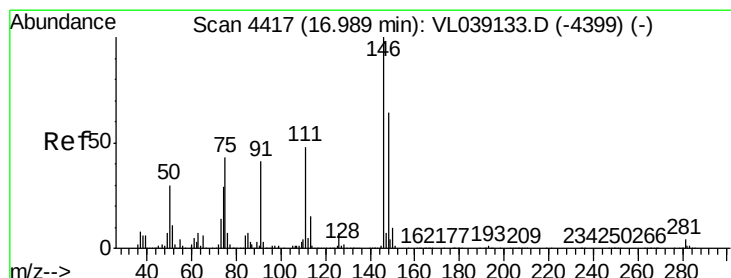
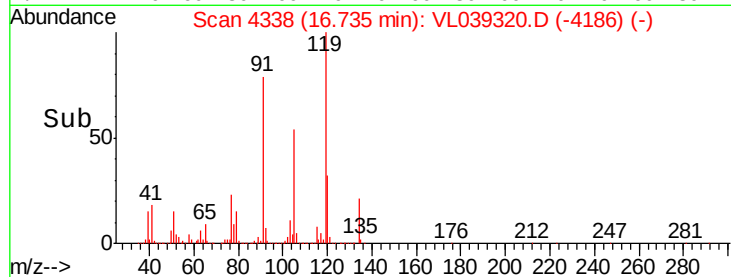
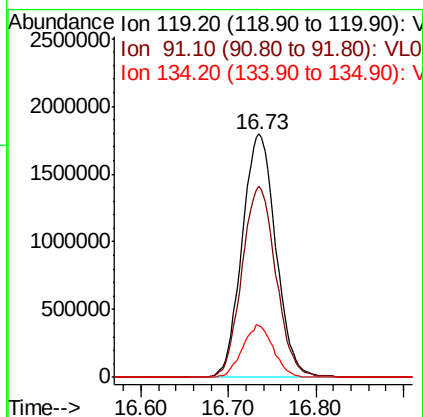
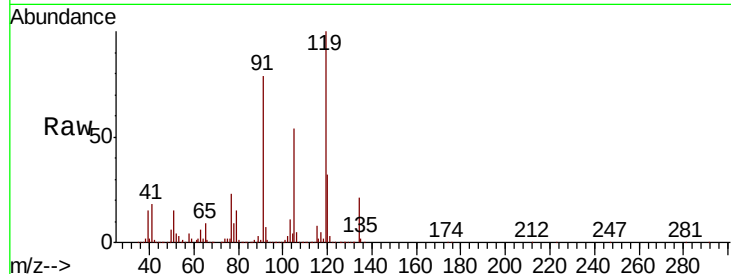




#65
 tert-Butylbenzene
 Concen: 7.167 ppbv
 RT: 16.73 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 22 Jun 2022 13:11

Tot Ion: 119 Resp: 4799925

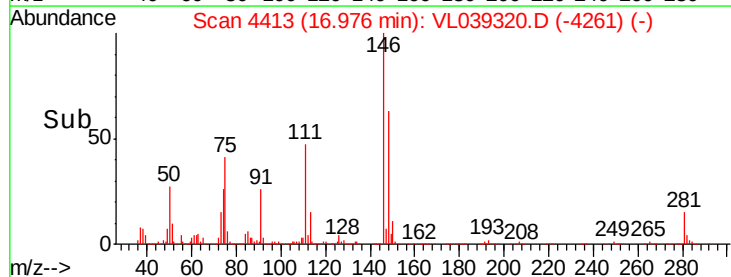
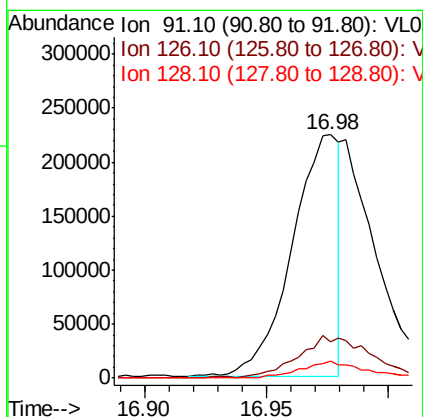
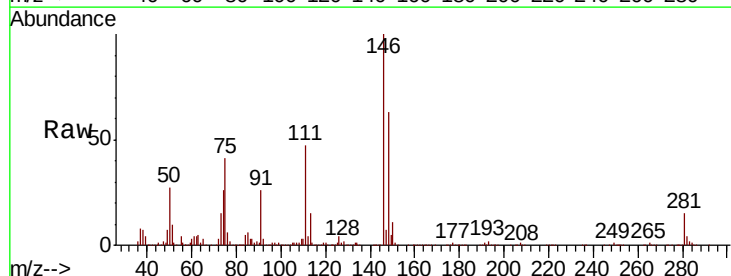
Ion	Ratio	Lower	Upper
119	100		
91	79.2	67.1	100.7
134	19.8	15.8	23.8

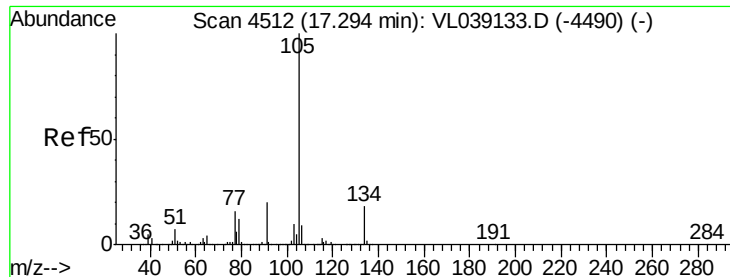


#66
 Benzyl Chloride
 Concen: 3.444 ppbv
 RT: 16.98 min Scan# 4413
 Delta R.T.: -0.01 min
 Lab File: VL039320.D
 Acq: 22 Jun 2022 13:11

Tgt Ion: 91 Resp: 299876

Ion	Ratio	Lower	Upper
91	100		
126	27.8	13.4	20.0#
128	10.0	4.1	6.1#





#67

sec-Butylbenzene

Concen: 7.187 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

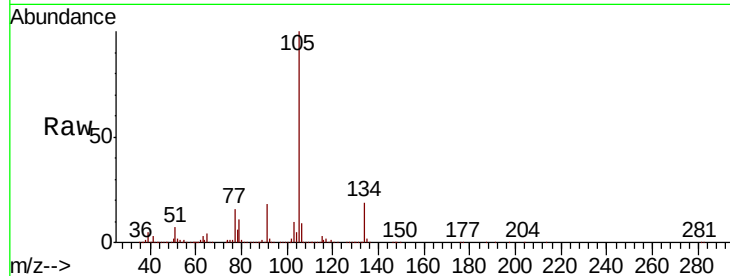
Acq: 22 Jun 2022 13:11

Tot Ion: 105 Resp: 6566736

Ion Ratio Lower Upper

105 100

134 18.7 14.4 21.6



Abundance Ion 105.10 (104.80 to 105.80): V

3000000 Ion 134.20 (133.90 to 134.90): V

2500000

2000000

1500000

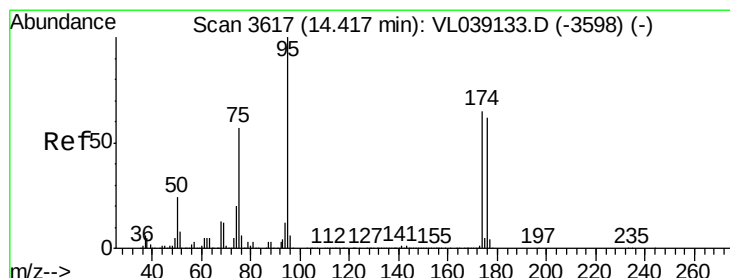
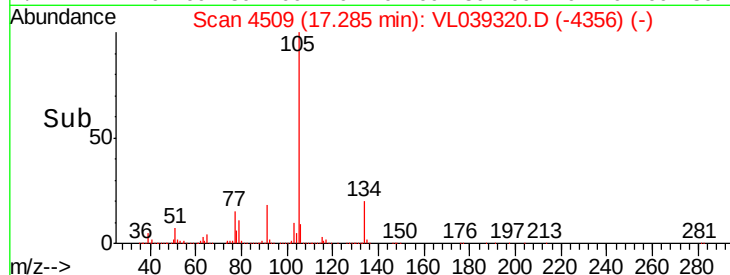
1000000

500000

0

17.20 17.30 17.40

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 7.537 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.01 min

Lab File: VL039320.D

Acq: 22 Jun 2022 13:11

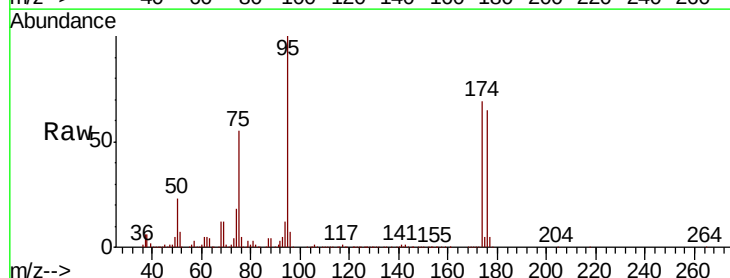
Tgt Ion: 95 Resp: 2693616

Ion Ratio Lower Upper

95 100

174 70.0 53.8 80.8

175 5.4 4.1 6.1



Abundance Ion 95.10 (94.80 to 95.80): VL0

1500000 Ion 174.00 (173.70 to 174.70): V

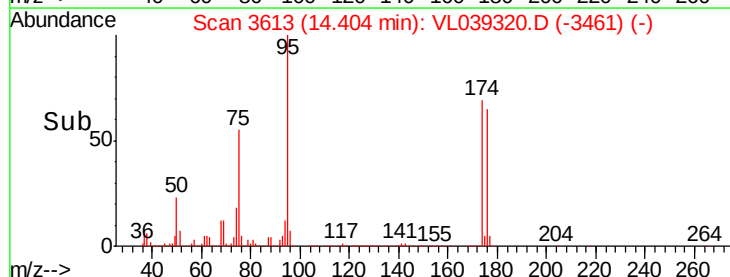
1000000 Ion 175.00 (174.70 to 175.70): V

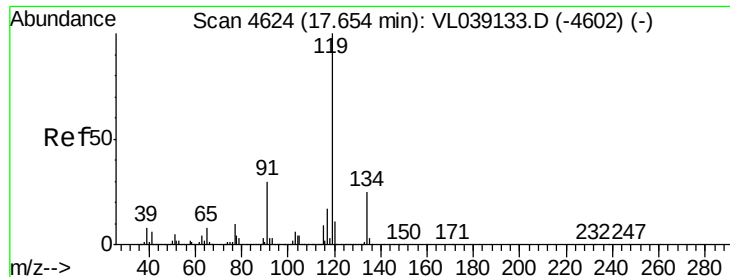
500000

0

14.30 14.40 14.50

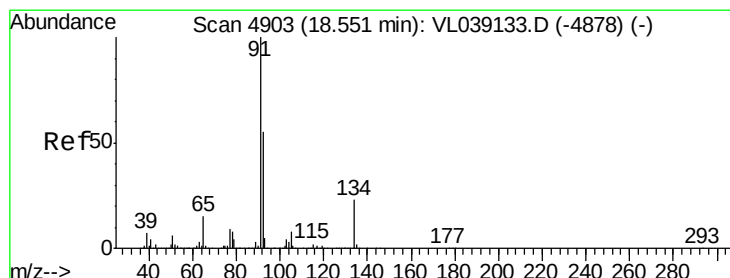
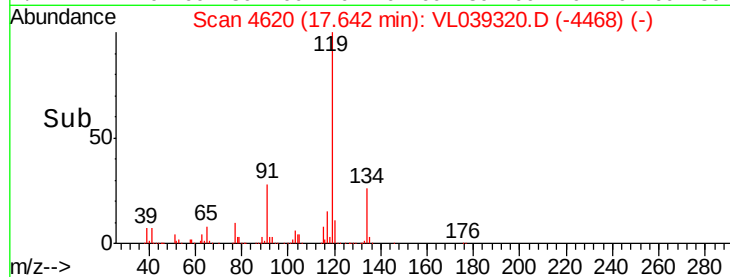
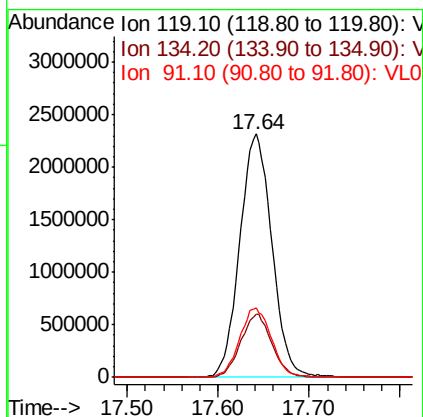
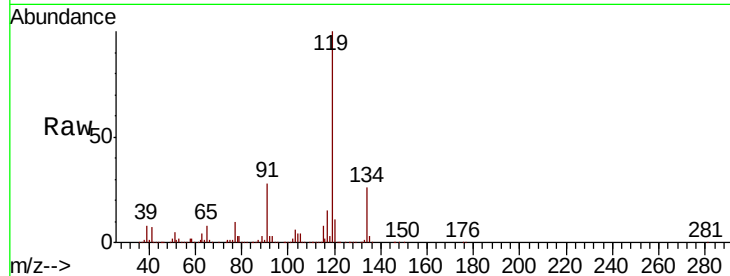
Time-->





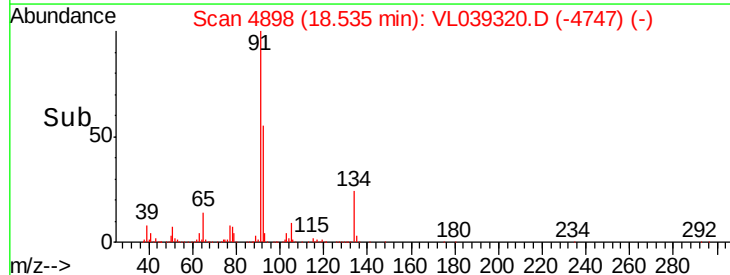
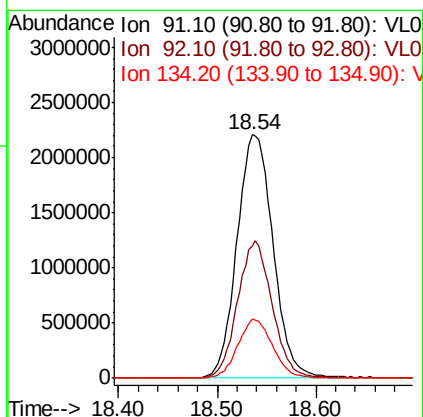
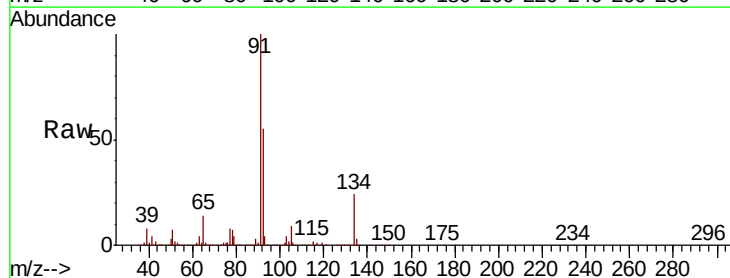
#69
 p-Isopropyltoluene
 Concen: 7.367 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 22 Jun 2022 13:11

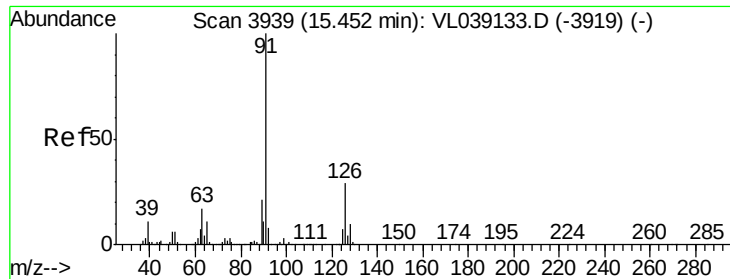
Tot Ion: 119 Resp: 5679664
 Ion Ratio Lower Upper
 119 100
 134 25.3 20.4 30.6
 91 28.3 24.2 36.4



#70
 n-Butylbenzene
 Concen: 7.060 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T. -0.02 min
 Lab File: VL039320.D
 Acq: 22 Jun 2022 13:11

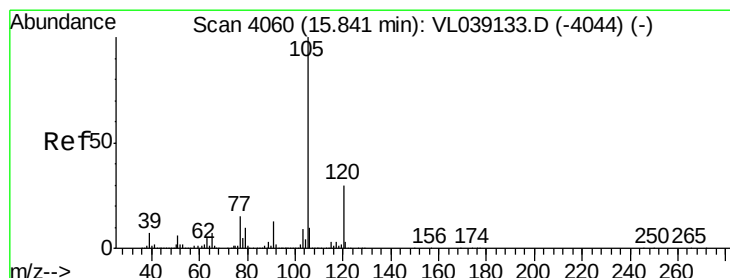
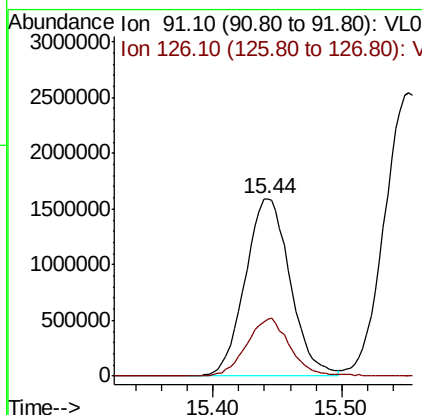
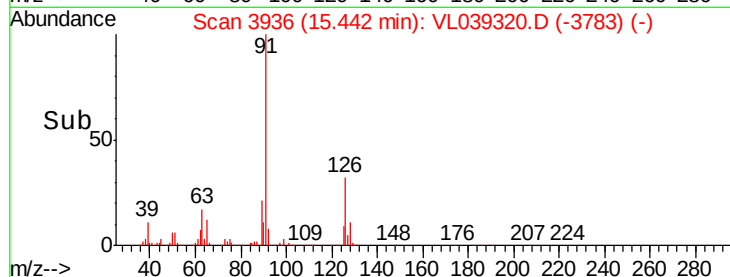
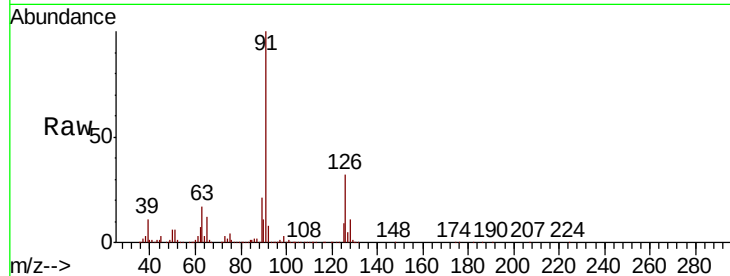
Tgt Ion: 91 Resp: 5586327
 Ion Ratio Lower Upper
 91 100
 92 54.2 43.6 65.4
 134 23.4 17.7 26.5





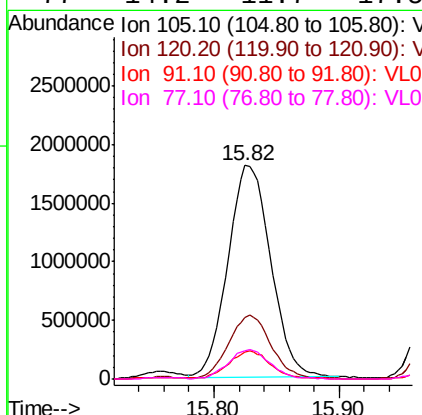
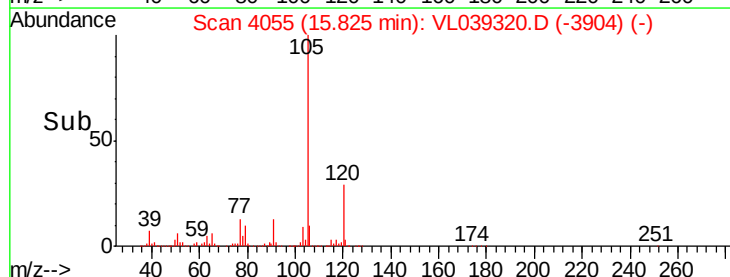
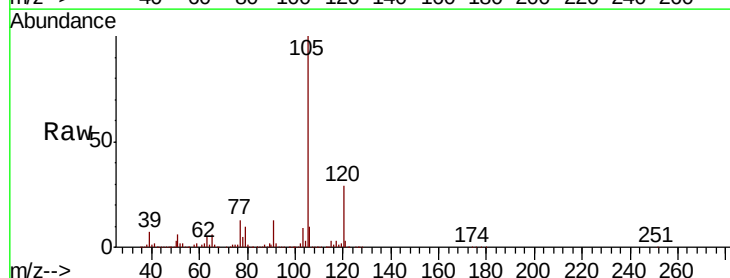
#71
 2-Chlorotoluene
 Concen: 6.911 ppbv
 RT: 15.44 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 22 Jun 2022 13:11

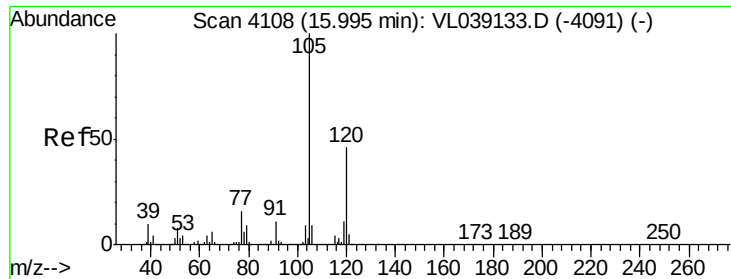
Tot Ion: 91 Resp: 3859559
 Ion Ratio Lower Upper
 91 100
 126 32.2 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 7.430 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. -0.02 min
 Lab File: VL039320.D
 Acq: 22 Jun 2022 13:11

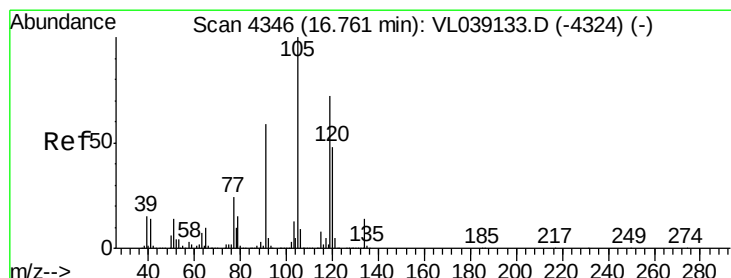
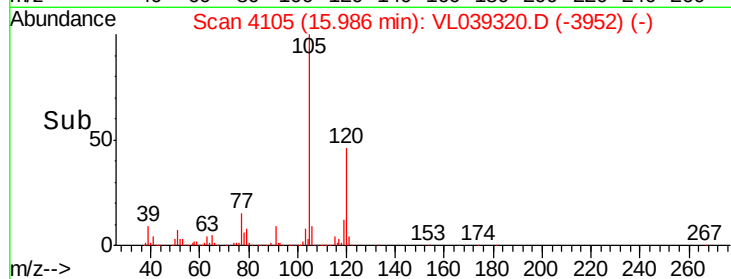
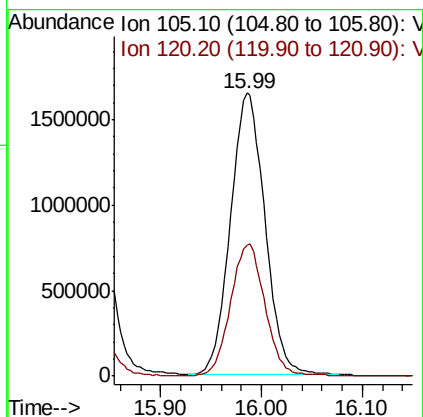
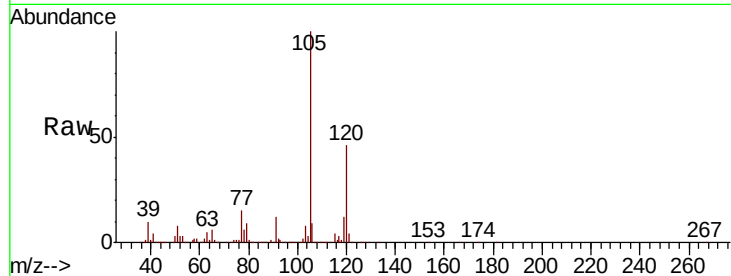
Tgt Ion:105 Resp: 4290571
 Ion Ratio Lower Upper
 105 100
 120 30.2 23.9 35.9
 91 12.9 10.6 16.0
 77 14.2 11.7 17.5





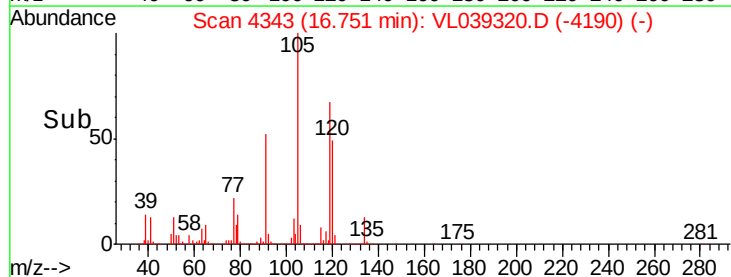
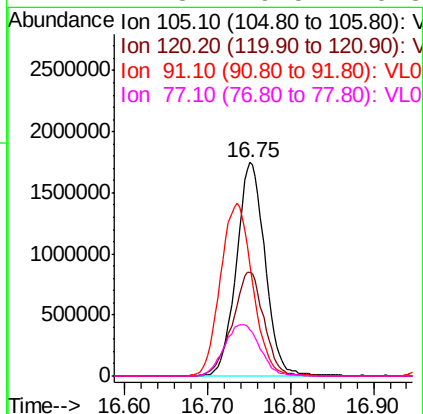
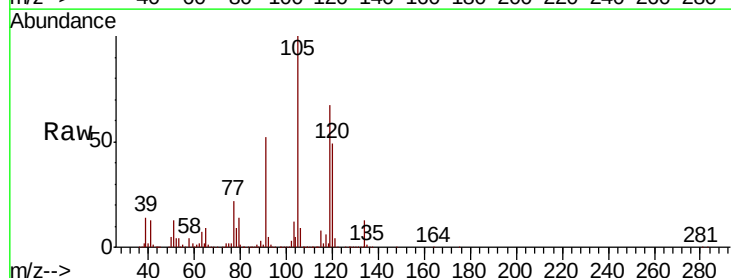
#73
 1,3,5-Trimethylbenzene
 Concen: 7.515 ppbv
 RT: 15.99 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 22 Jun 2022 13:11

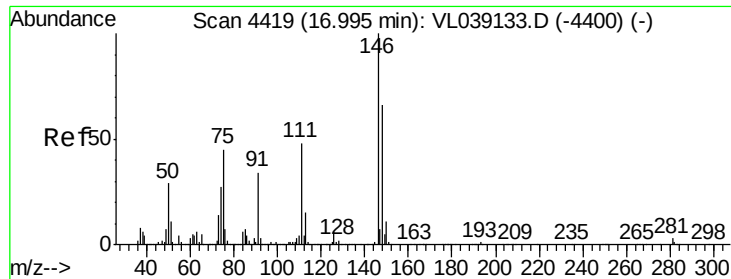
Tot Ion:105 Resp: 3914202
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.7 55.1



#74
 1,2,4-Trimethylbenzene
 Concen: 7.206 ppbv
 RT: 16.75 min Scan# 4343
 Delta R.T. -0.01 min
 Lab File: VL039320.D
 Acq: 22 Jun 2022 13:11

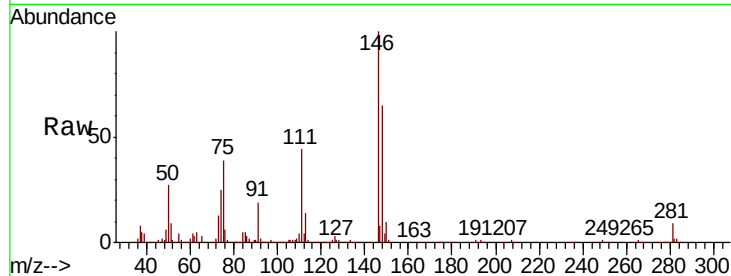
Tgt Ion:105 Resp: 4188886
 Ion Ratio Lower Upper
 105 100
 120 48.7 38.1 57.1
 91 52.0 47.4 71.0
 77 21.8 19.5 29.3



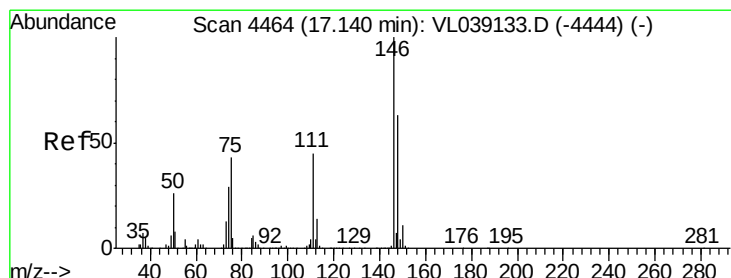
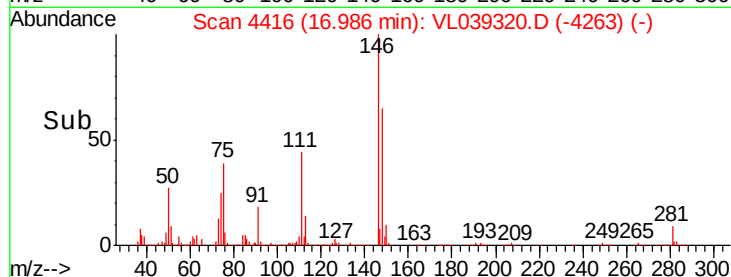
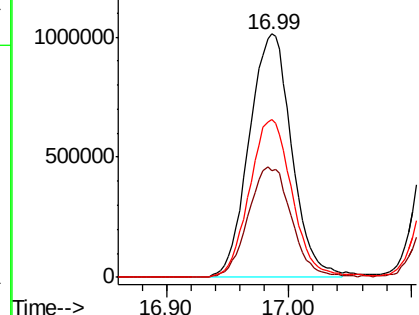


#75
 1,3-Dichlorobenzene
 Concen: 7.427 ppbv
 RT: 16.99 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VSTDCCC010
 Acq: 22 Jun 2022 13:11

Tot Ion:146 Resp: 2443649
 Ion Ratio Lower Upper
 146 100
 111 46.1 23.8 71.4
 148 65.2 32.4 97.0

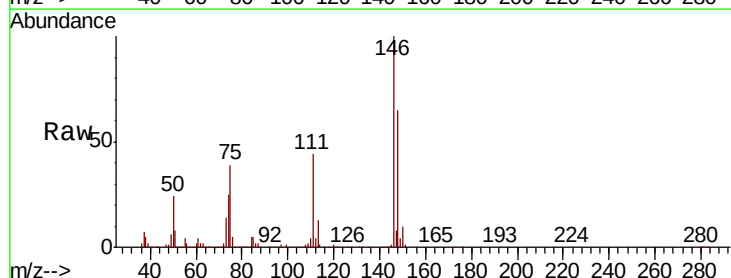


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

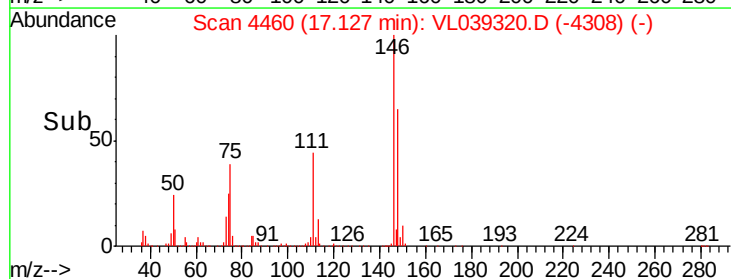
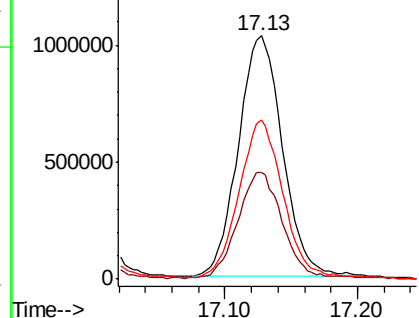


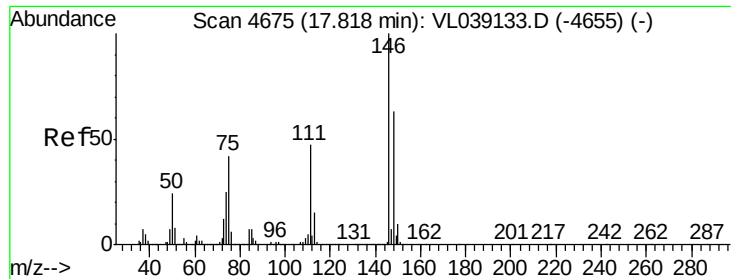
#76
 1,4-Dichlorobenzene
 Concen: 7.268 ppbv
 RT: 17.13 min Scan# 4460
 Delta R.T. -0.01 min
 Lab File: VL039320.D
 Acq: 22 Jun 2022 13:11

Tgt Ion:146 Resp: 2385756
 Ion Ratio Lower Upper
 146 100
 111 45.7 23.6 71.0
 148 67.0 33.7 101.0



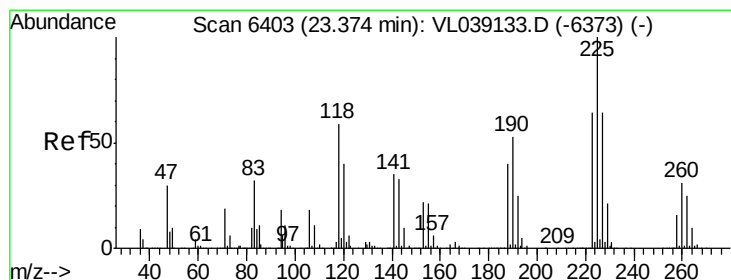
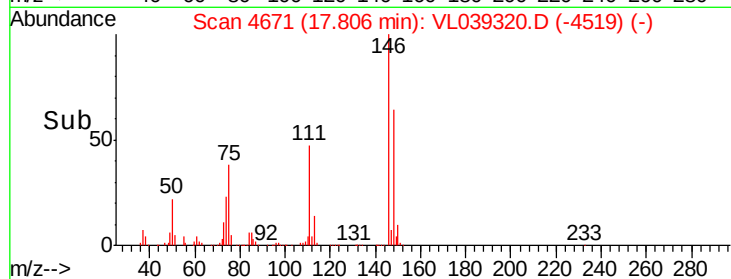
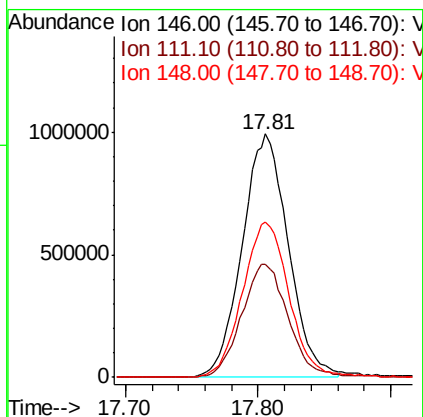
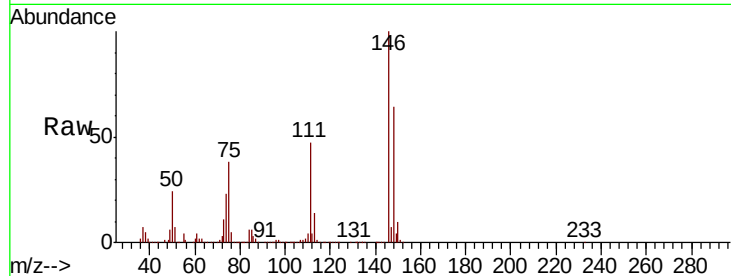
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V





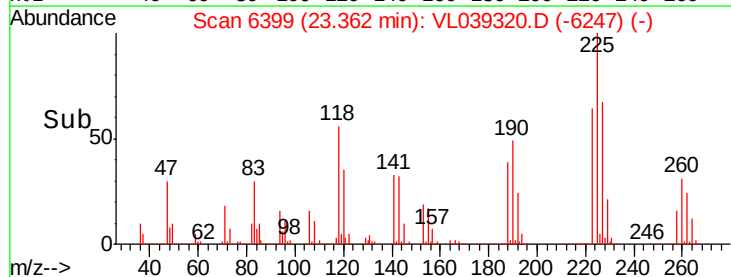
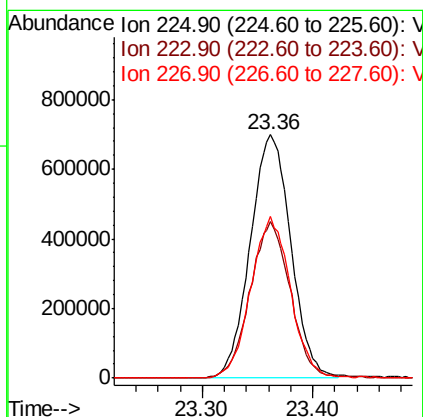
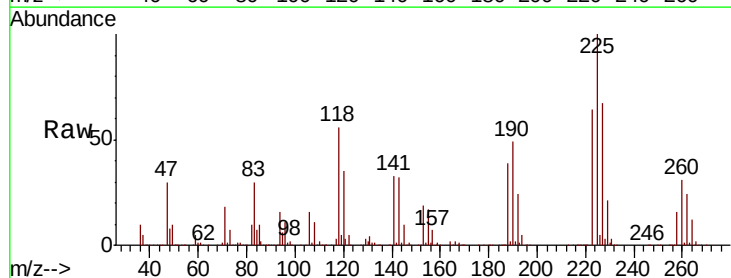
#77
 1,2-Dichlorobenzene
 Concen: 7.166 ppbv
 RT: 17.81 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010
 Acq: 22 Jun 2022 13:11

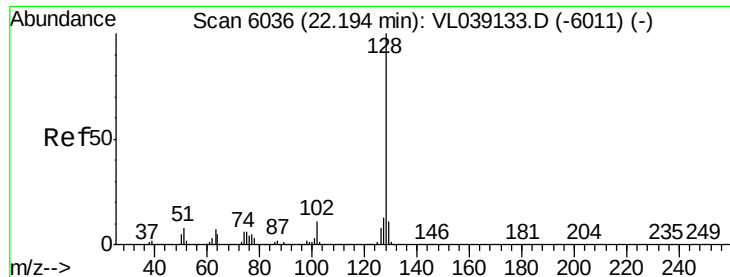
Tot Ion:146 Resp: 2376050
 Ion Ratio Lower Upper
 146 100
 111 47.9 24.4 73.4
 148 65.0 32.1 96.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 5.907 ppbv
 RT: 23.36 min Scan# 6399
 Delta R.T.: -0.01 min
 Lab File: VL039320.D
 Acq: 22 Jun 2022 13:11

Tgt Ion:225 Resp: 1791084
 Ion Ratio Lower Upper
 225 100
 223 63.7 51.4 77.0
 227 64.8 50.6 75.8





#79

Naphthalene

Concen: 8.107 ppbv

RT: 22.18

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 13:11

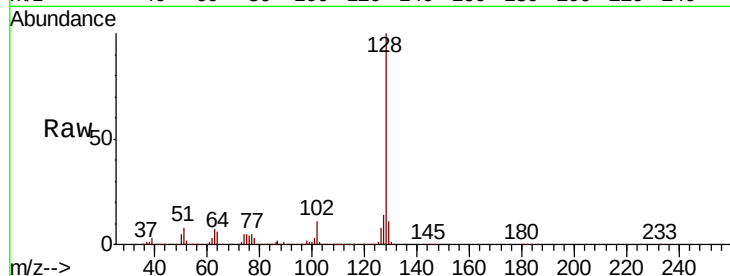
Tot Ion:128 Resp: 3627393

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

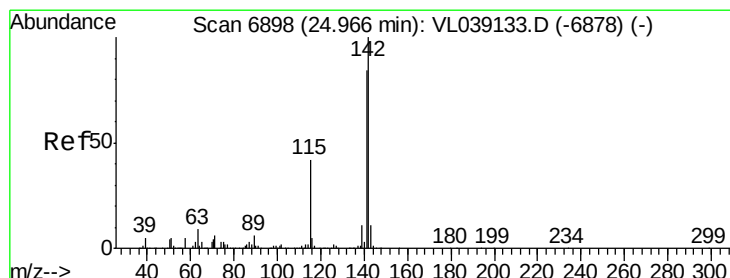
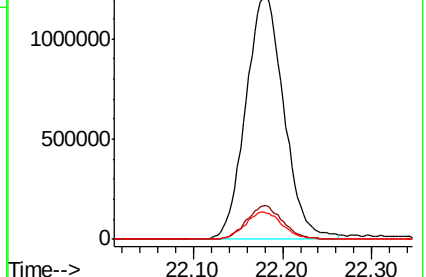
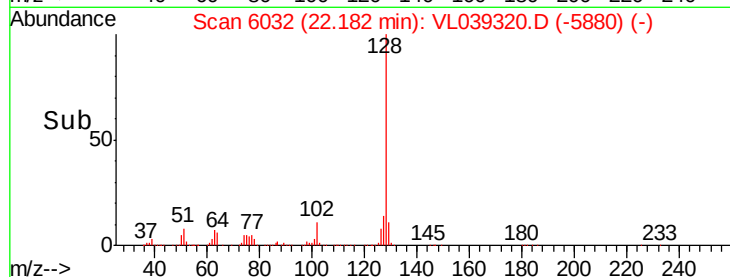
129 10.7 9.0 13.6



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 7.166 ppbv

RT: 24.96 min Scan# 6895

Delta R.T. -0.01 min

Lab File: VL039320.D

Acq: 22 Jun 2022 13:11

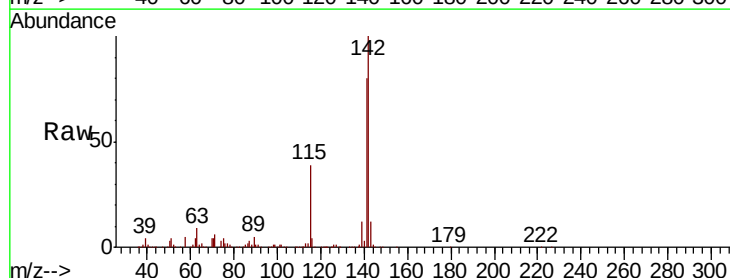
Tgt Ion:142 Resp: 1191316

Ion Ratio Lower Upper

142 100

141 83.8 64.6 96.8

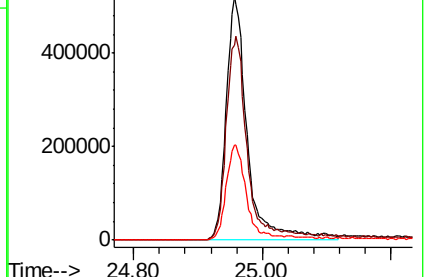
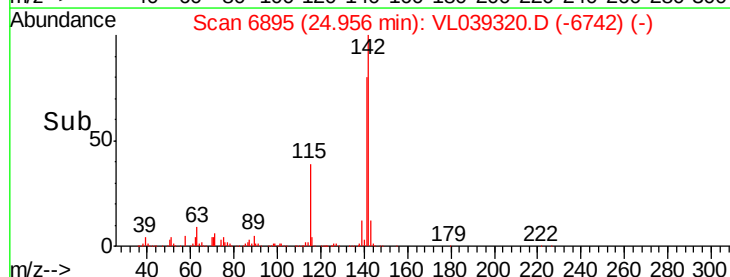
115 39.8 32.7 49.1

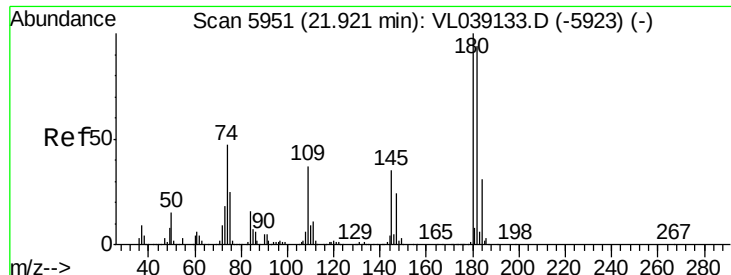


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 7.395 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 22 Jun 2022 13.11

Tot Ion:180 Resp: 2096376
 Ion Ratio Lower Upper
 180 100
 182 98.3 0.0 0.0#
 184 31.1 0.0 0.0#

