

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060822\
 Data File : VL039233.D
 Acq On : 8 Jun 2022 13:42
 Operator : SY/AP
 Sample : VL0608ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0608ABS01

Quant Time: Jun 09 06:38:27 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	5.67	49	1210447	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2826391	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2617636	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2385702	11.02	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1876234	8.825 ppbv	99
3) Chlorodifluoromethane	3.00	51	1439200	9.345 ppbv	97
4) Chloromethane	3.15	50	659141	8.332 ppbv	99
5) Vinyl Chloride	3.27	62	719961	9.735 ppbv	96
6) Bromomethane	3.48	94	340880	9.370 ppbv	95
7) Chloroethane	3.57	64	268970	10.438 ppbv	91
8) Dichlorotetrafluoroethane	3.19	85	1849844	9.520 ppbv	100
9) Propene	3.01	41	518654	7.723 ppbv	98
10) Heptane	8.13	43	1323086	8.445 ppbv	99
11) Trichlorofluoromethane	3.96	101	1956661	10.167 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1318713	10.361 ppbv	99
13) Ethanol	3.60	45	29762	8.126 ppbv #	100
14) Bromoethene	3.75	108	569432	9.952 ppbv	99
15) Acetone	3.85	43	1416080	11.231 ppbv	97
16) 1,3-Butadiene	3.33	39	669119	9.872 ppbv	100
17) tert-Butyl alcohol	4.29	59	1191457	12.182 ppbv	99
18) 1,1-Dichloroethene	4.30	96	597571	10.467 ppbv	90
19) Isopropyl Alcohol	3.97	45	642980	10.872 ppbv	100
20) Methylene Chloride	4.35	84	473369	8.909 ppbv	98
21) Allyl Chloride	4.42	41	828922	9.745 ppbv	97
22) trans-1,2-Dichloroethene	4.89	96	585590	10.660 ppbv	95
23) Vinyl Acetate	5.08	43	894845	8.578 ppbv	100
24) 1,1-Dichloroethane	5.02	63	1211466	8.475 ppbv	100
25) Ethyl Acetate	5.68	43	2791213	9.822 ppbv	100
26) Hexane	5.70	57	1057523	8.468 ppbv	86
27) Carbon Disulfide	4.56	76	1372675	10.605 ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	1264307	9.170 ppbv	99
29) Chloroform	5.76	83	1912136	9.099 ppbv	98
30) Cyclohexane	7.14	84	846280	8.066 ppbv	98
31) cis-1,2-Dichloroethene	5.56	61	1141861	8.967 ppbv	96
32) 1,1,1-Trichloroethane	6.52	97	2006053	9.755 ppbv	99
34) 2-Butanone	5.25	43	1540962	10.035 ppbv	98
35) Carbon Tetrachloride	7.03	117	2161898	10.480 ppbv	99
36) Benzene	6.90	78	2072610	9.033 ppbv	97
37) 1,2-Dichloroethane	6.31	62	1575233	10.431 ppbv	98
38) Trichloroethene	7.84	130	880385	8.353 ppbv	96
39) 1,2-Dichloropropane	7.62	63	816247	8.943 ppbv	92
40) 1,4-Dioxane	7.83	88	300118	9.988 ppbv	85
41) Tetrahydrofuran	6.06	42	839639	9.092 ppbv	100
42) Bromodichloromethane	7.80	83	2105675	10.047 ppbv	96
43) Methyl Methacrylate	8.02	69	932095	10.428 ppbv	98

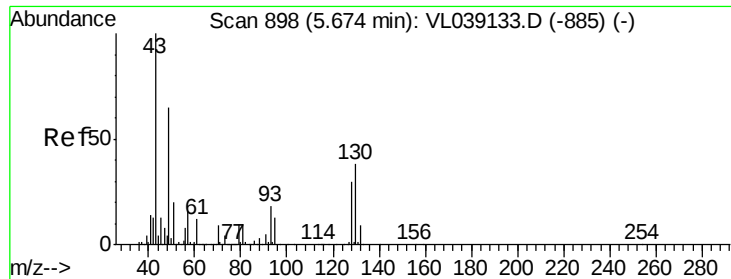
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060822\
 Data File : VL039233.D
 Acq On : 8 Jun 2022 13:42
 Operator : SY/AP
 Sample : VL0608ABS01
 Misc : 400mL/MSVOA L
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Instrument :
 MSVOA_L
 ClientSampleId :
 VL0608ABS01

Quant Time: Jun 09 06:38:27 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)
44) 2,2,4-Trimethylpentane	7.88	57	3595268	8.957	ppbv	97
45) t-1,3-Dichloropropene	9.28	75	799449	8.588	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	1069119	8.694	ppbv	93
47) 1,1,2-Trichloroethane	9.48	97	876193	9.202	ppbv	96
48) Dibromochloromethane	10.31	129	1753766	10.315	ppbv	99
49) Bromoform	13.04	173	1475758	10.415	ppbv	98
50) 4-Methyl-2-Pentanone	8.75	43	2222002	9.667	ppbv	99
51) 2-Hexanone	10.13	43	1754980	9.813	ppbv #	96
52) Tetrachloroethene	11.23	164	815683	9.104	ppbv	93
53) Toluene	9.81	91	2456429	9.297	ppbv	99
54) 1,2-Dibromoethane	10.62	107	1312319	10.256	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.13	131	1302504	10.516	ppbv	97
57) Chlorobenzene	12.15	112	1875956	9.525	ppbv	98
58) Ethyl Benzene	12.72	91	3504545	9.720	ppbv	98
59) m/p-Xylene	13.00	91	3407058	10.730	ppbv #	47
60) o-Xylene	13.70	91	3084058	10.337	ppbv	96
61) Styrene	13.53	104	1582128	9.902	ppbv	97
62) Isopropylbenzene	14.67	105	4603813	10.382	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	1995035	11.913	ppbv	99
64) n-propylbenzene	15.56	120	1170884	10.741	ppbv	98
65) tert-Butylbenzene	16.74	119	4290172	10.580	ppbv	97
66) Benzyl Chloride	16.99	91	320958	6.087	ppbv	99
67) sec-Butylbenzene	17.29	105	5933856	10.725	ppbv	100
69) p-Isopropyltoluene	17.65	119	5045743	10.809	ppbv	98
70) n-Butylbenzene	18.55	91	5326611	11.117	ppbv	99
71) 2-Chlorotoluene	15.45	91	3582857	10.595	ppbv	98
72) 4-Ethyltoluene	15.84	105	3646395	10.428	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	3352991	10.631	ppbv	97
74) 1,2,4-Trimethylbenzene	16.76	105	3746371	10.644	ppbv	99
75) 1,3-Dichlorobenzene	17.00	146	2088082	10.481	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2008539	10.105	ppbv	98
77) 1,2-Dichlorobenzene	17.82	146	2020511	10.063	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	1780289	9.696	ppbv	99
79) Naphthalene	22.19	128	2951222	10.892	ppbv	98
80) Naphthalene, 2-methyl-	24.97	142	734323	7.295	ppbv	93
81) 1,2,4-Trichlorobenzene	21.93	180	1697486	9.889	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0608ABS01

Acq: 8 Jun 2022 13:42

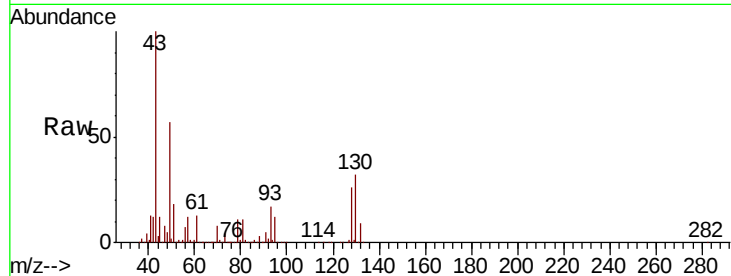
Tot Ion: 49 Resp: 1210447

Ion Ratio Lower Upper

49 100

128 48.2 24.7 74.1

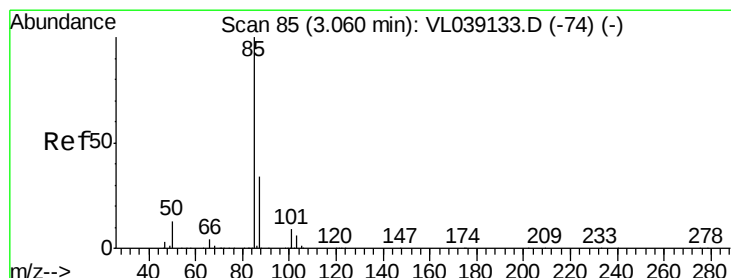
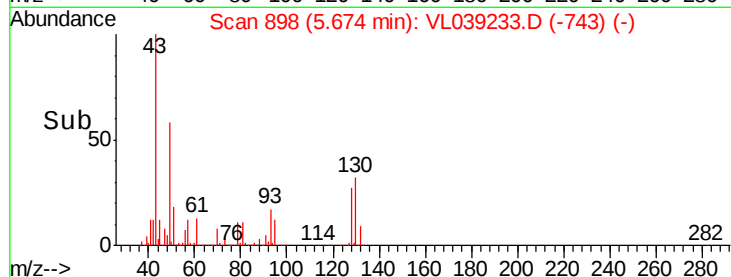
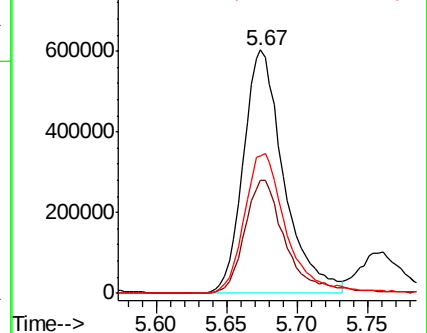
130 60.9 31.4 94.0



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: 8.825 ppbv

RT: 3.06 min Scan# 84

Delta R.T. -0.00 min

Lab File: VL039233.D

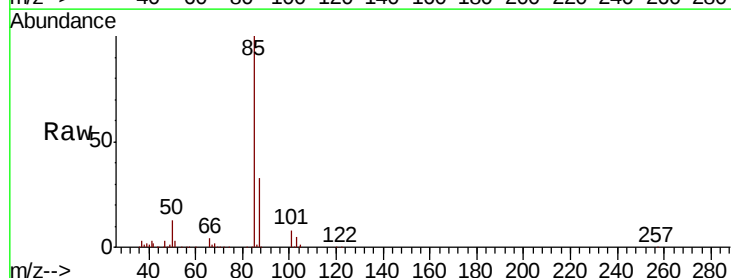
Acq: 8 Jun 2022 13:42

Tgt Ion: 85 Resp: 1876234

Ion Ratio Lower Upper

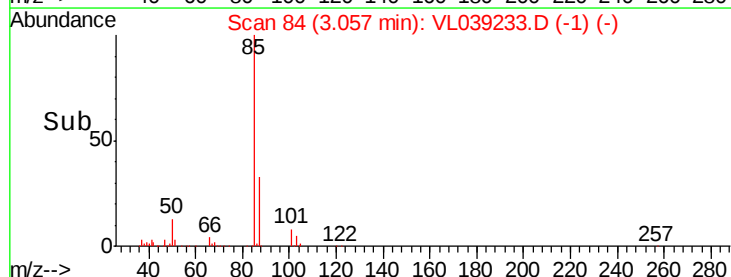
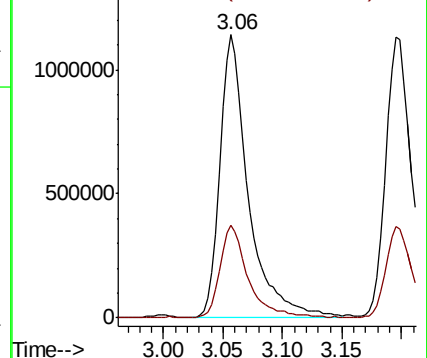
85 100

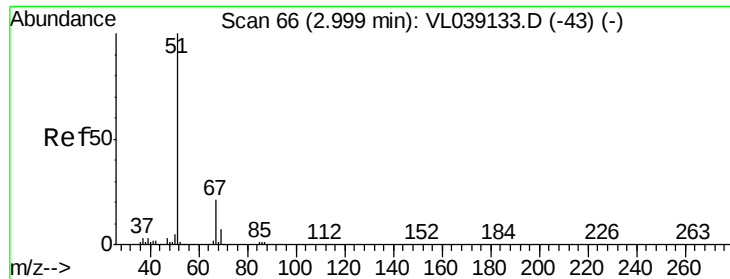
87 32.8 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

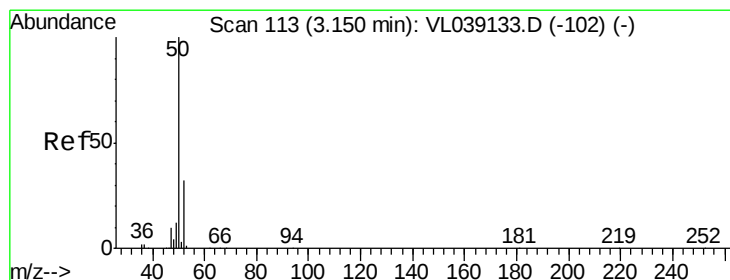
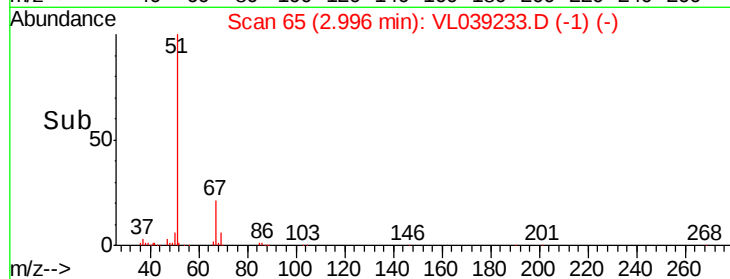
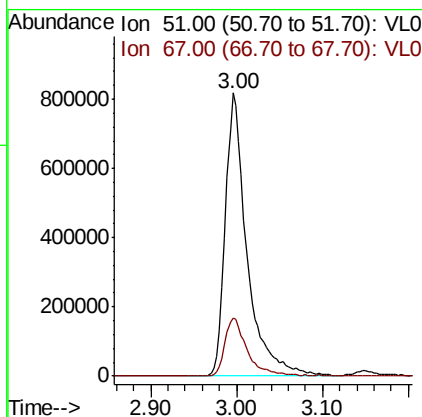
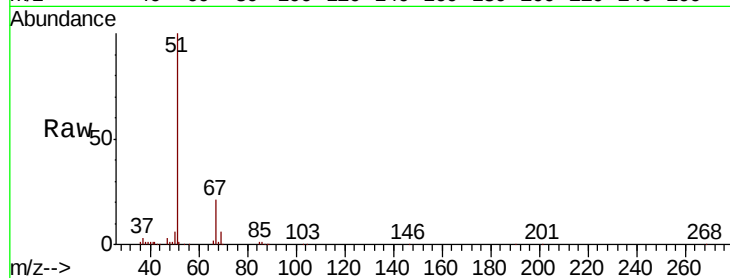
Ion 87.00 (86.70 to 87.70): VL0





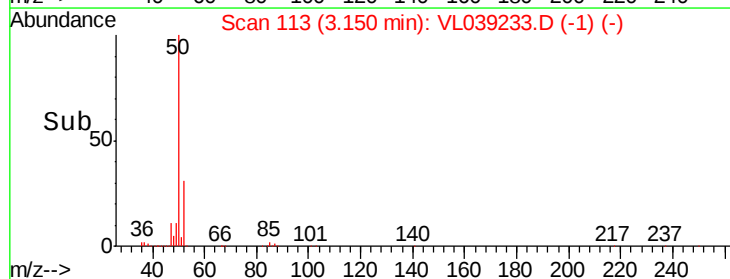
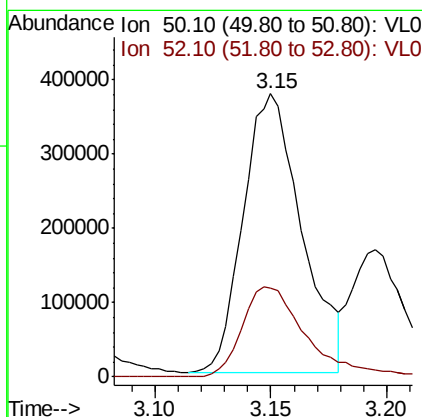
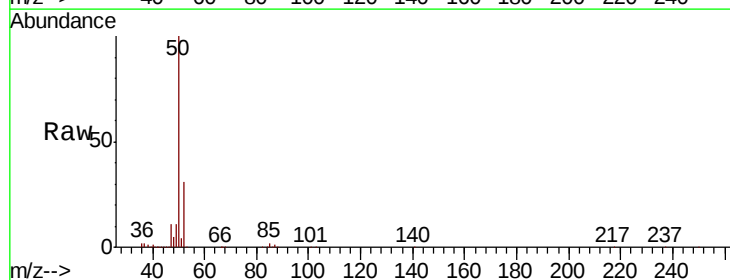
#3
 Chlorodifluoromethane
 Concen: 9.345 ppbv
 RT: 3.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0608ABS01
 Acq: 8 Jun 2022 13:42

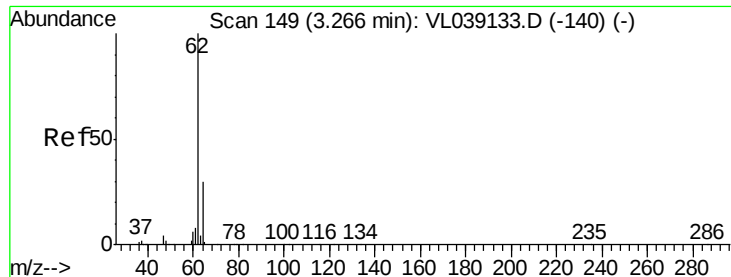
Tot Ion: 51 Resp: 1439200
 Ion Ratio Lower Upper
 51 100
 67 21.5 16.2 24.4



#4
 Chloromethane
 Concen: 8.332 ppbv
 RT: 3.15 min Scan# 113
 Delta R.T. -0.00 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

Tgt Ion: 50 Resp: 659141
 Ion Ratio Lower Upper
 50 100
 52 31.6 25.9 38.9





#5

Vinyl Chloride

Concen: 9.735 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

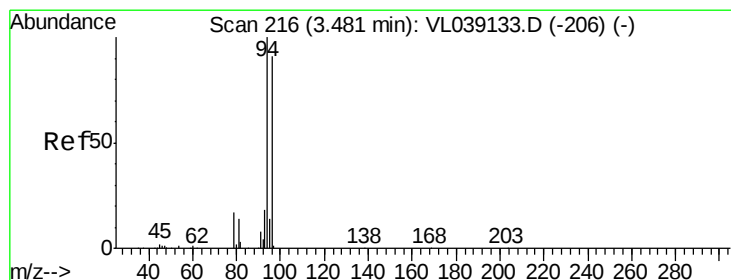
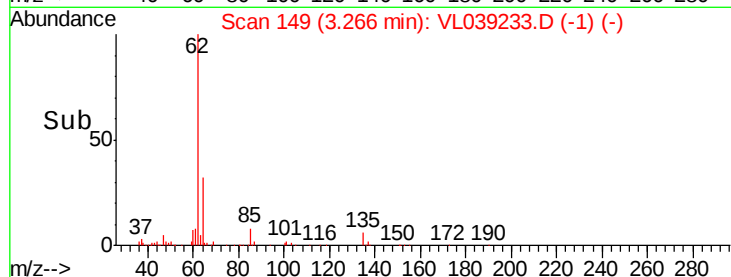
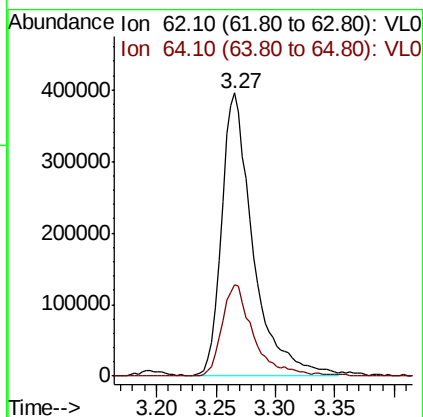
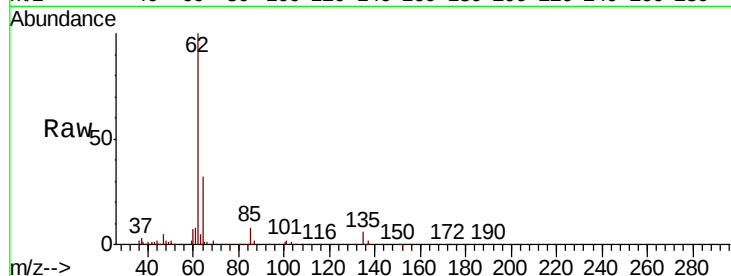
Acq: 8 Jun 2022 13:42 VL0608ABS01

Tot Ion: 62 Resp: 719961

Ion Ratio Lower Upper

62 100

64 32.2 24.2 36.2



#6

Bromomethane

Concen: 9.370 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.00 min

Lab File: VL039233.D

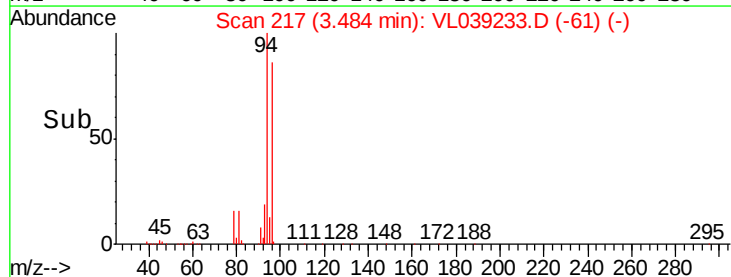
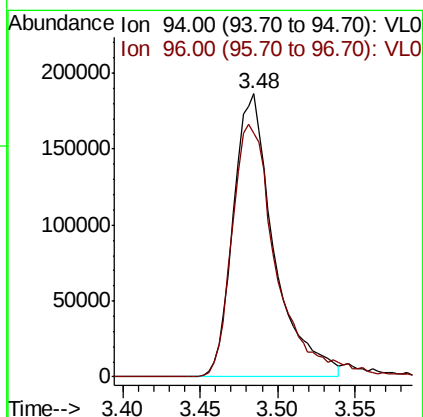
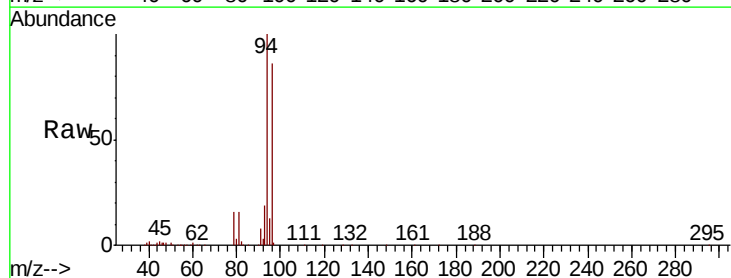
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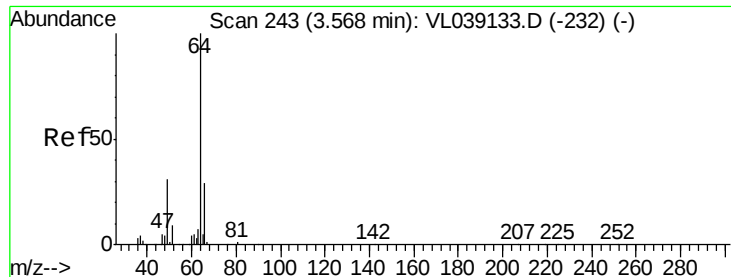
Tgt Ion: 94 Resp: 340880

Ion Ratio Lower Upper

94 100

96 86.2 73.0 109.4





#7

Chloroethane

Concen: 10.438 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

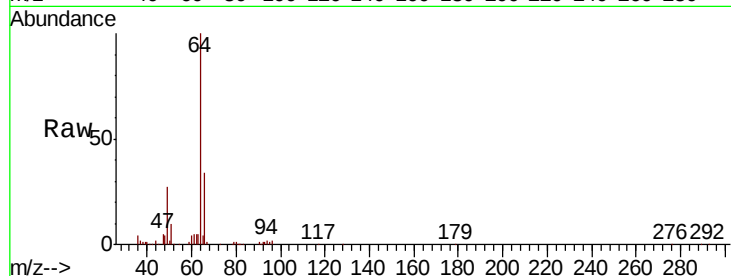
Acq: 8 Jun 2022 13:42 VL0608ABS01

Tot Ion: 64 Resp: 268970

Ion Ratio Lower Upper

64 100

66 34.1 23.6 35.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.57

150000

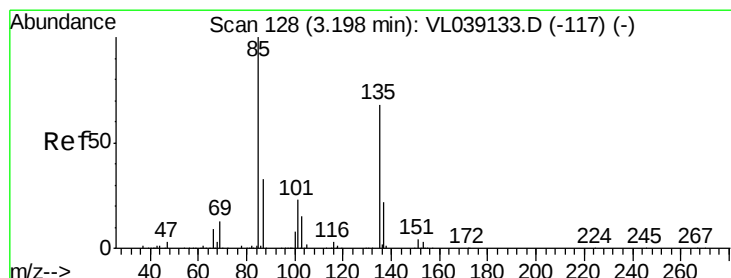
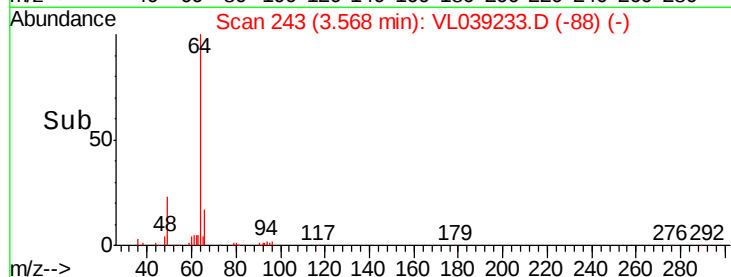
100000

50000

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Time-->

3.50 3.55 3.60 3.65



#8

Dichlorotetrafluoroethane

Concen: 9.520 ppbv

RT: 3.19 min Scan# 127

Delta R.T. -0.00 min

Lab File: VL039233.D

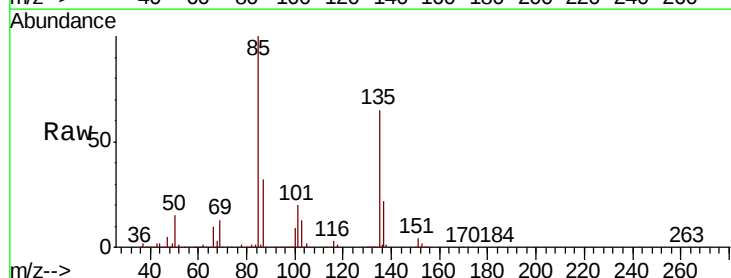
Acq: 8 Jun 2022 13:42

Tgt Ion: 85 Resp: 1849844

Ion Ratio Lower Upper

85 100

135 68.9 55.0 82.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.19

1200000

1000000

800000

600000

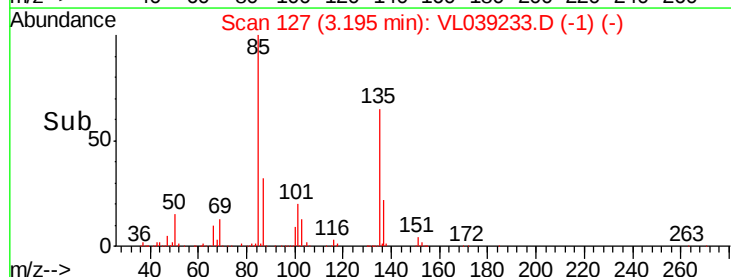
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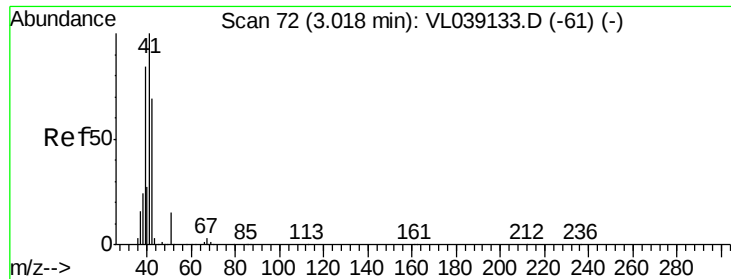
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Time-->

3.15 3.20 3.25 3.30





#9

Propene

Concen: 7.723 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

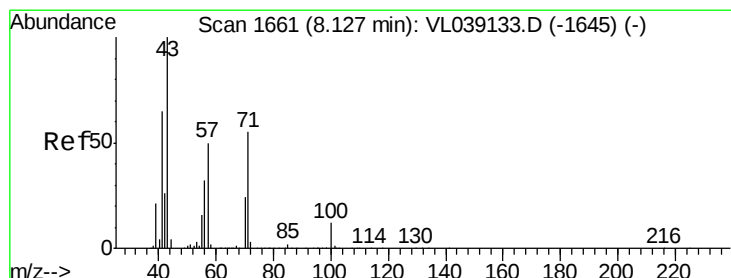
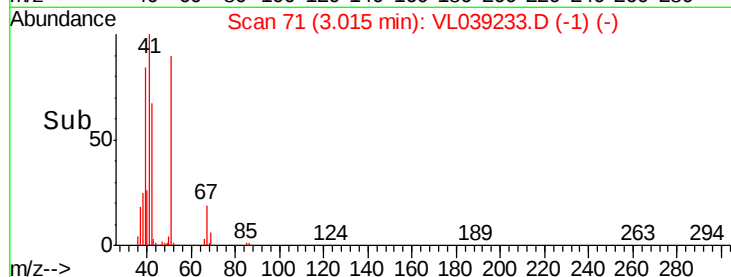
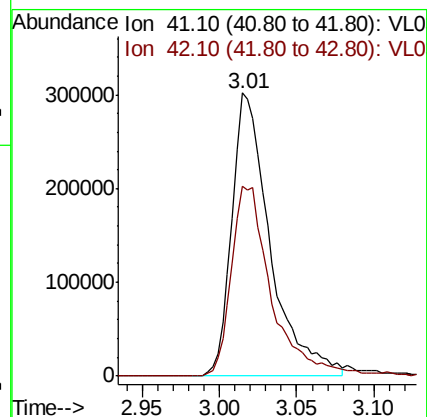
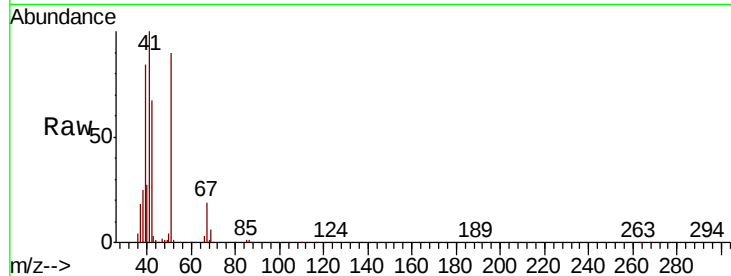
Acq: 8 Jun 2022 13:42

Tot Ion: 41 Resp: 518654

Ion Ratio Lower Upper

41 100

42 70.9 55.4 83.2



#10

Heptane

Concen: 8.445 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VL039233.D

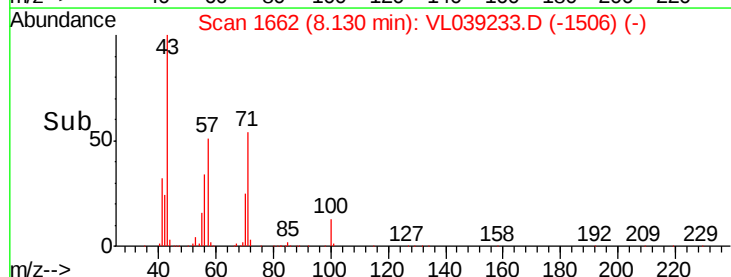
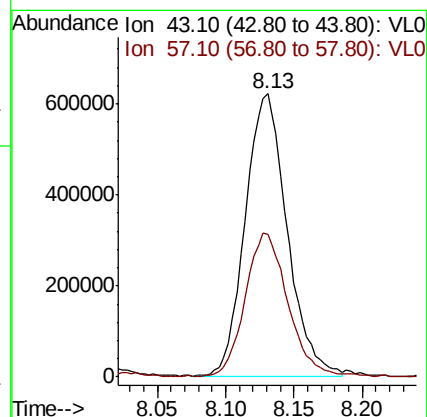
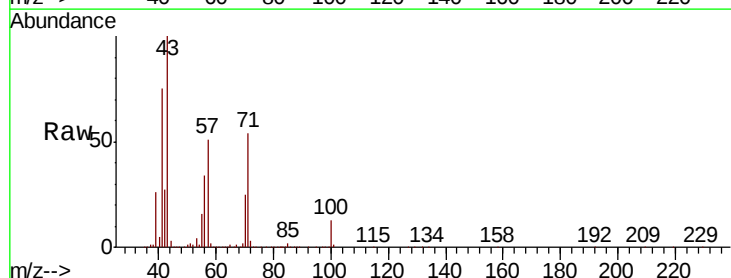
Acq: 8 Jun 2022 13:42

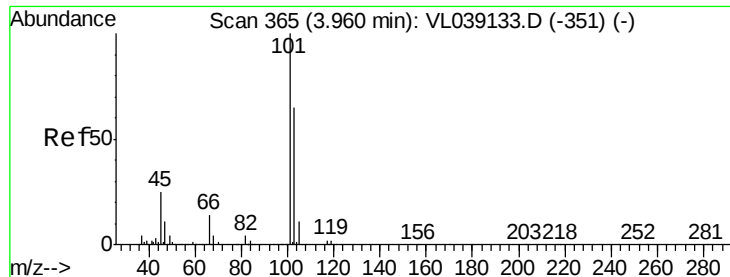
Tgt Ion: 43 Resp: 1323086

Ion Ratio Lower Upper

43 100

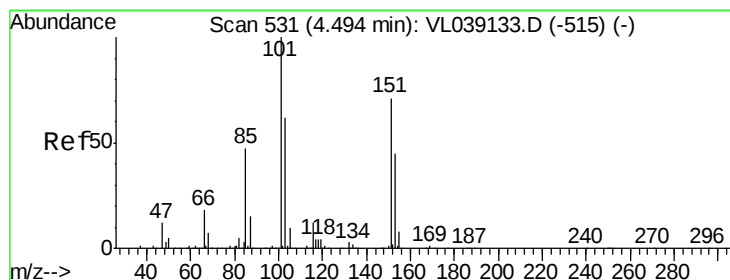
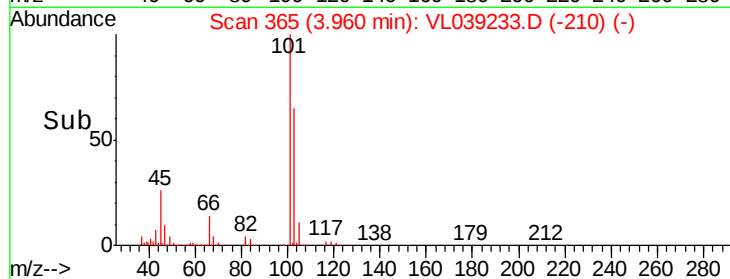
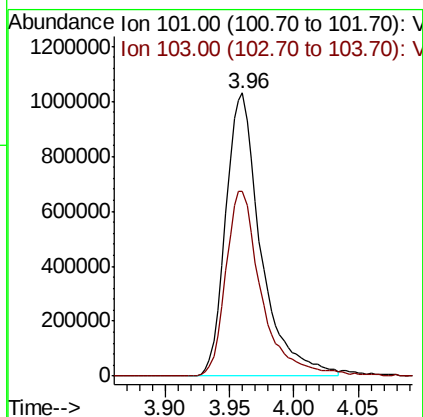
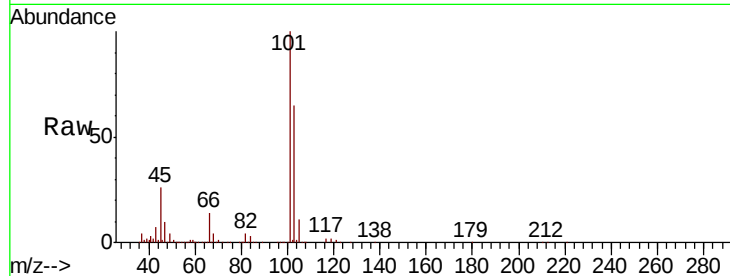
57 52.5 41.4 62.2





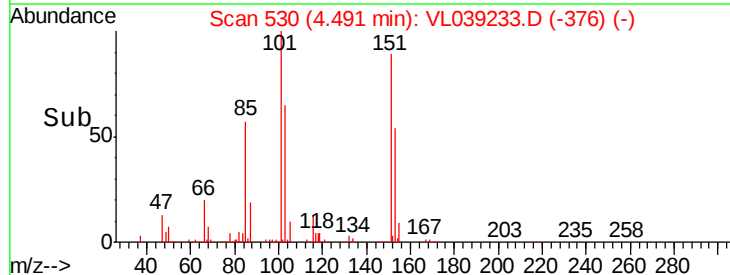
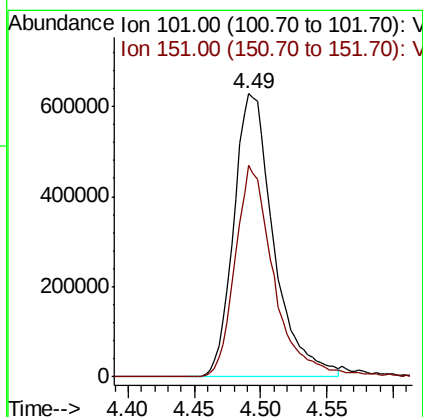
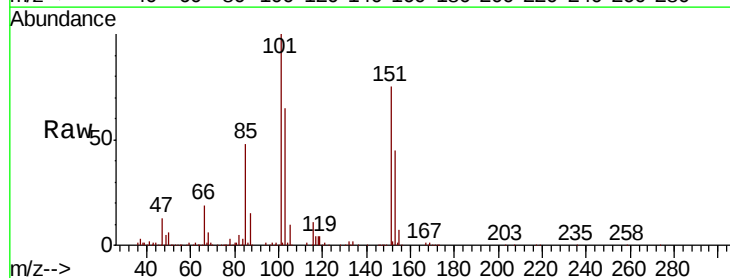
#11
 Trichlorofluoromethane
 Concen: 10.167 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0608ABS01
 Acq: 8 Jun 2022 13:42

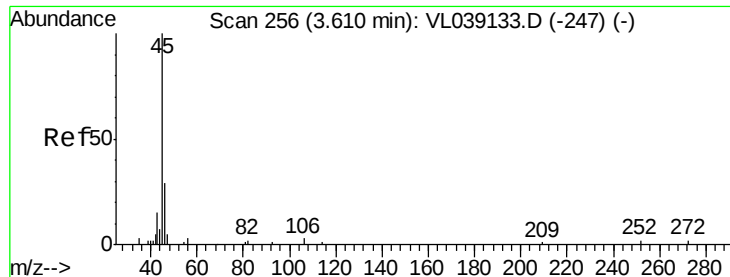
Tot Ion:101 Resp: 1956661
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.361 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

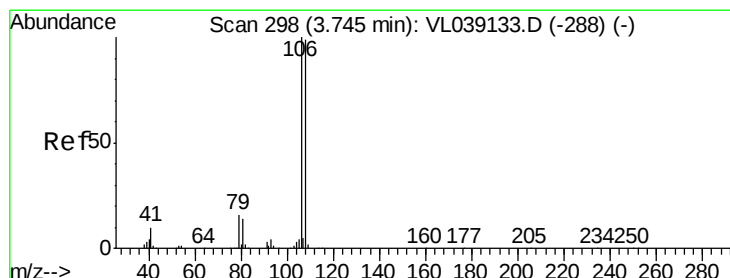
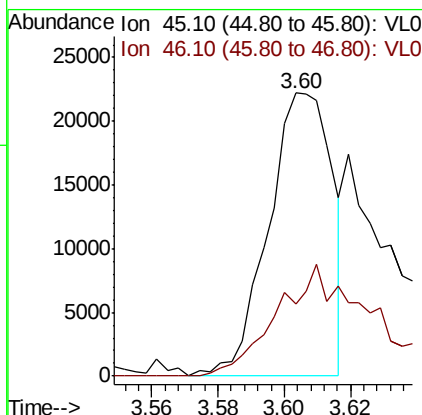
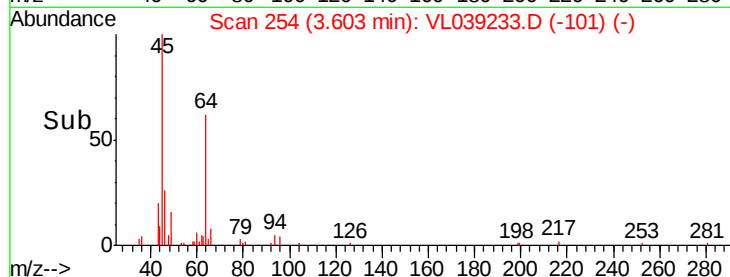
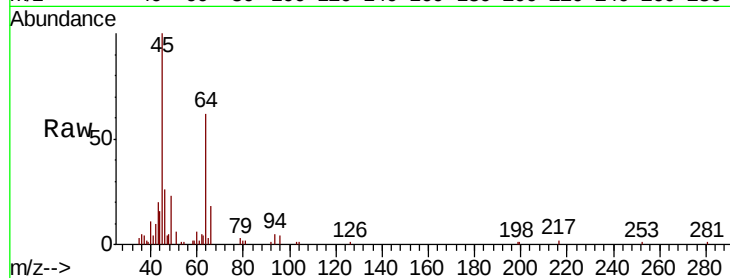
Tgt Ion:101 Resp: 1318713
 Ion Ratio Lower Upper
 101 100
 151 73.1 59.4 89.0





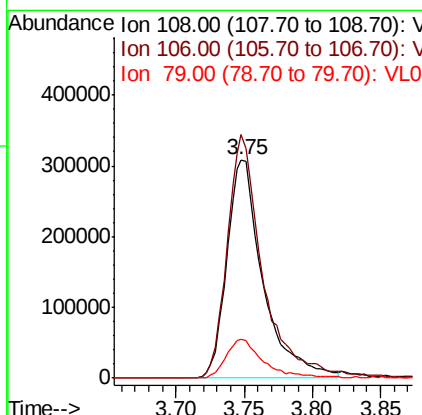
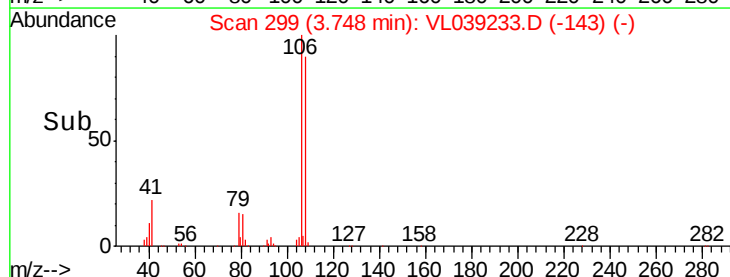
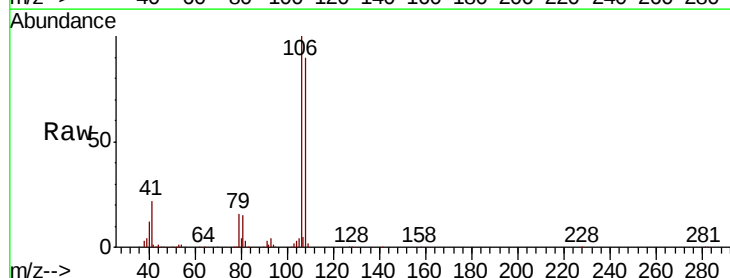
#13
 Ethanol
 Concen: 8.126 ppbv
 RT: 3.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0608ABS01
 Acq: 8 Jun 2022 13:42

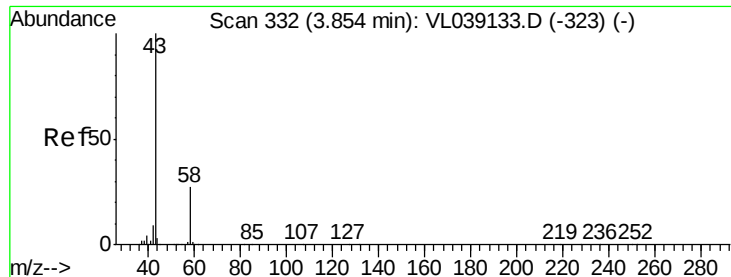
Tot Ion: 45 Resp: 29762
 Ion Ratio Lower Upper
 45 100
 46 72.8 0.0 0.0#



#14
 Bromoethene
 Concen: 9.952 ppbv
 RT: 3.75 min Scan# 299
 Delta R.T. 0.00 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

Tgt Ion:108 Resp: 569432
 Ion Ratio Lower Upper
 108 100
 106 111.3 88.4 132.6
 79 18.6 13.4 20.2





#15

Acetone

Concen: 11.231 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

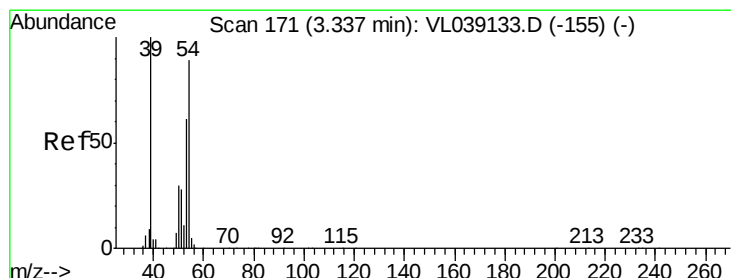
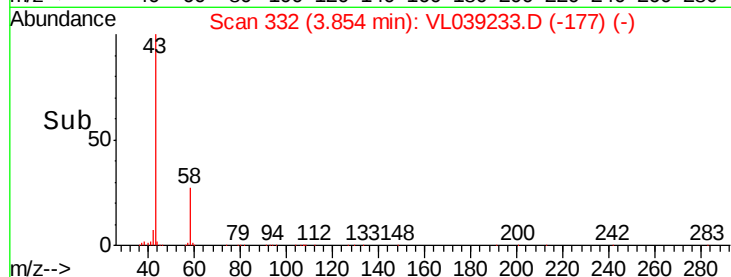
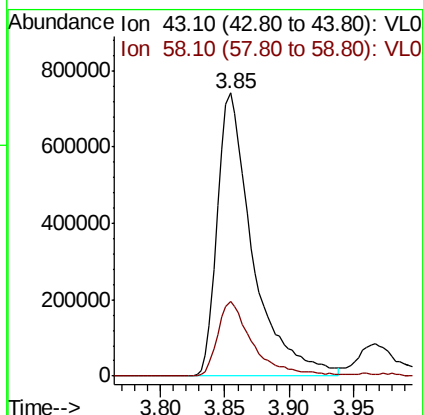
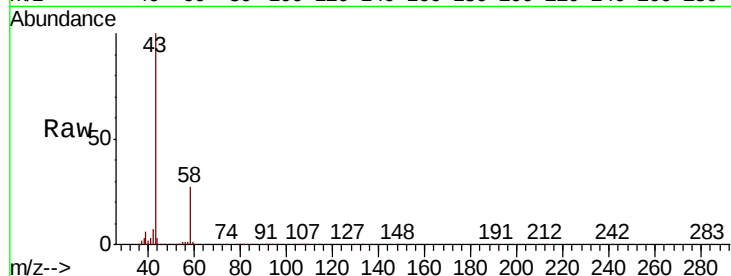
Acq: 8 Jun 2022 13:42 VL0608ABS01

Tot Ion: 43 Resp: 1416080

Ion Ratio Lower Upper

43 100

58 26.4 22.5 33.7



#16

1,3-Butadiene

Concen: 9.872 ppbv

RT: 3.33 min Scan# 170

Delta R.T. -0.00 min

Lab File: VL039233.D

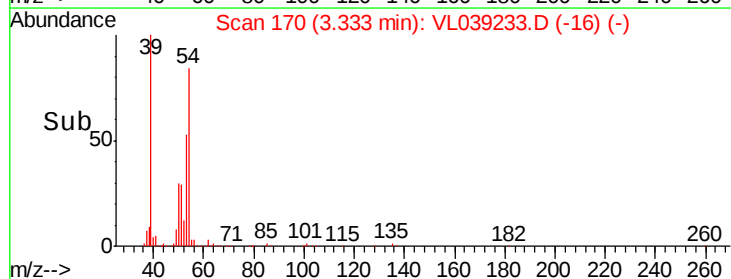
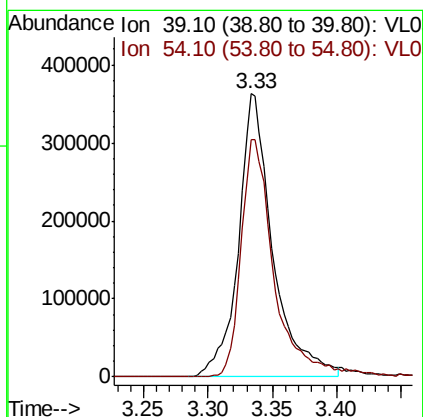
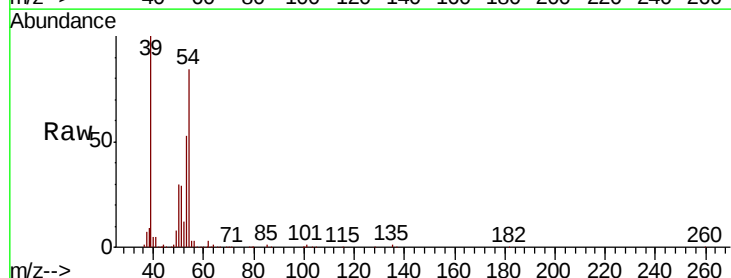
Acq: 8 Jun 2022 13:42

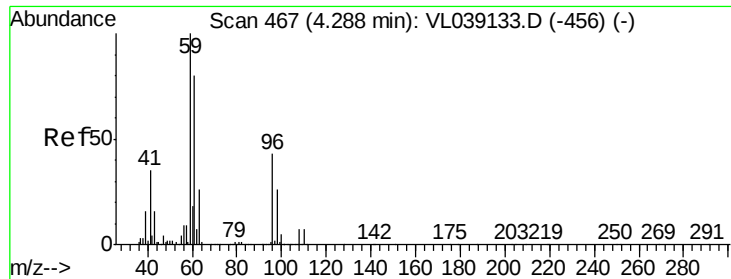
Tgt Ion: 39 Resp: 669119

Ion Ratio Lower Upper

39 100

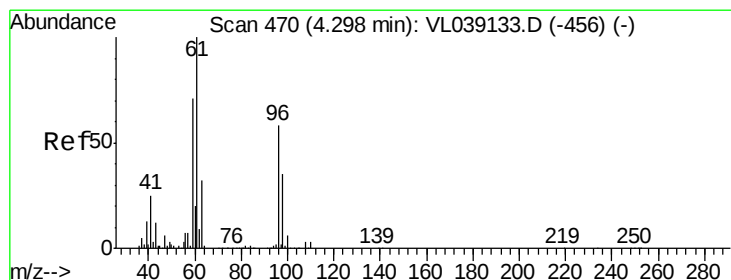
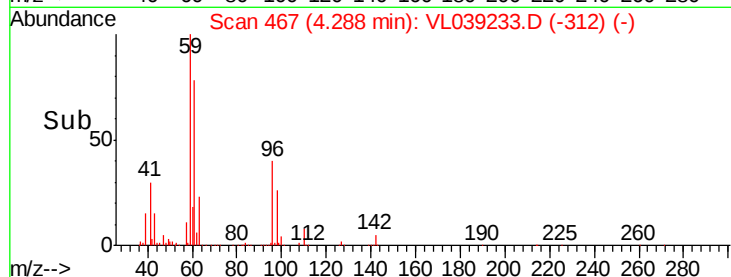
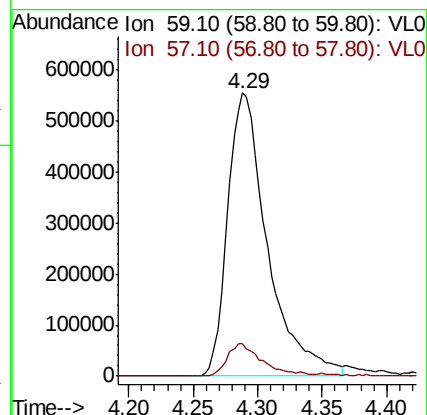
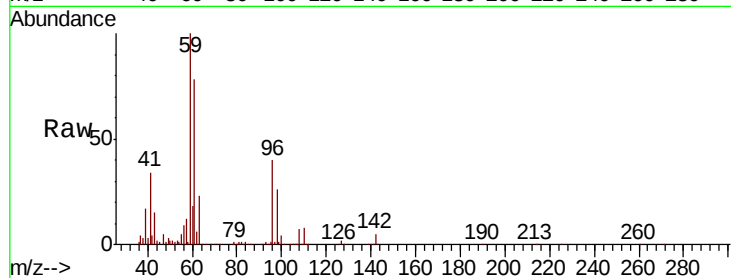
54 82.4 65.8 98.6





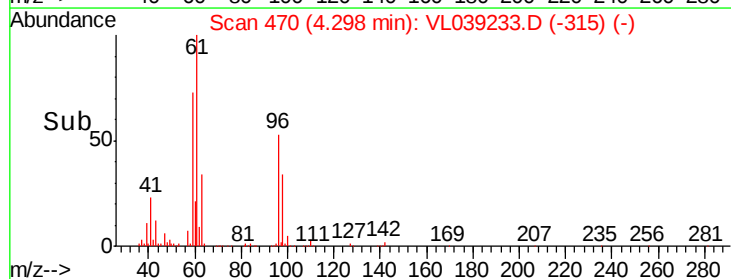
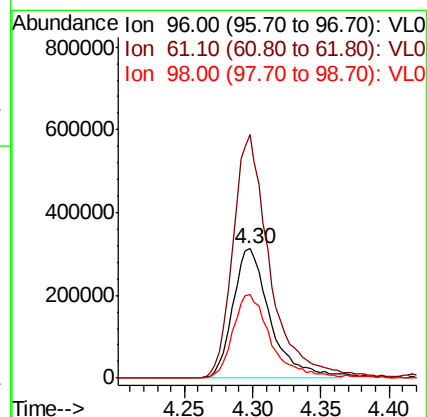
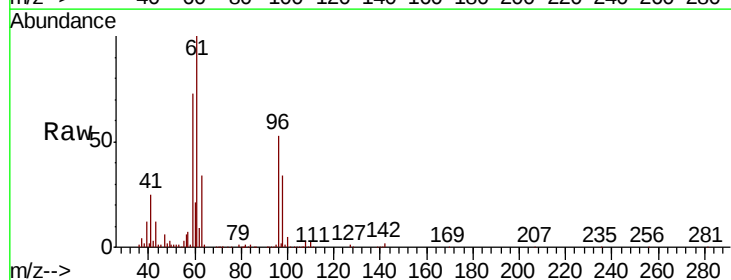
#17
tert-Butyl alcohol
Concen: 12.182 ppbv
RT: 4.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0608ABS01
Acq: 8 Jun 2022 13:42

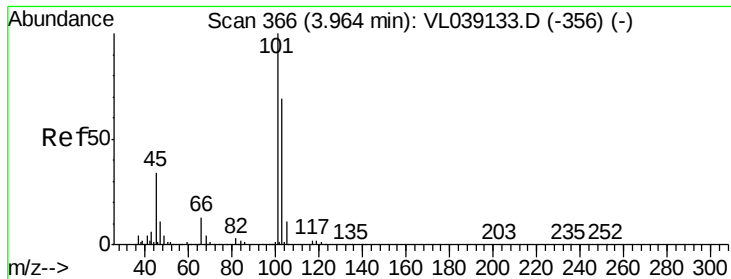
Tot Ion: 59 Resp: 1191457
Ion Ratio Lower Upper
59 100
57 10.9 9.1 13.7



#18
1,1-Dichloroethene
Concen: 10.467 ppbv
RT: 4.30 min Scan# 470
Delta R.T.: -0.00 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

Tgt Ion: 96 Resp: 597571
Ion Ratio Lower Upper
96 100
61 188.2 138.4 207.6
98 64.9 47.8 71.8





#19

Isopropyl Alcohol

Concen: 10.872 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

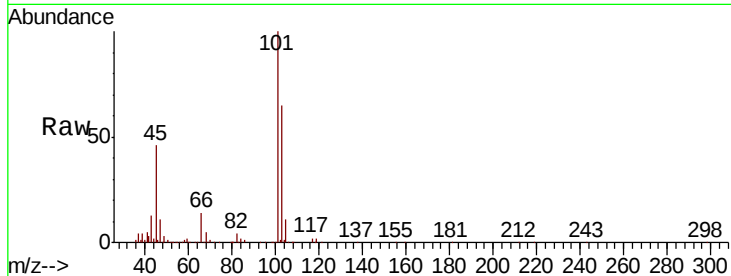
Acq: 8 Jun 2022 13:42 VL0608ABS01

Tot Ion: 45 Resp: 642980

Ion Ratio Lower Upper

45 100

58 2.3 1.8 2.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.97

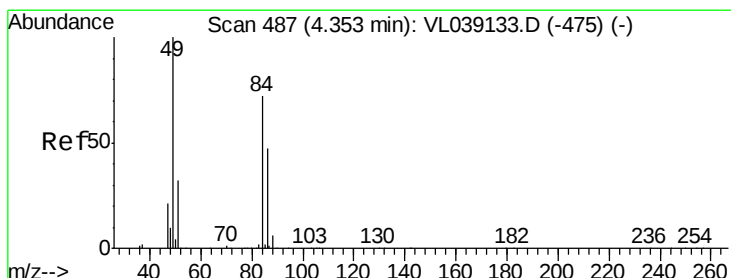
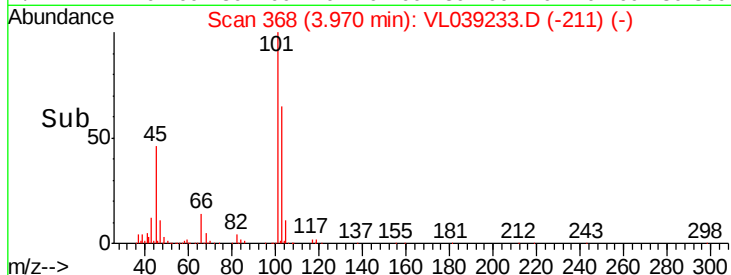
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 8.909 ppbv

RT: 4.35 min Scan# 487

Delta R.T. -0.00 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

Tgt Ion: 84 Resp: 473369

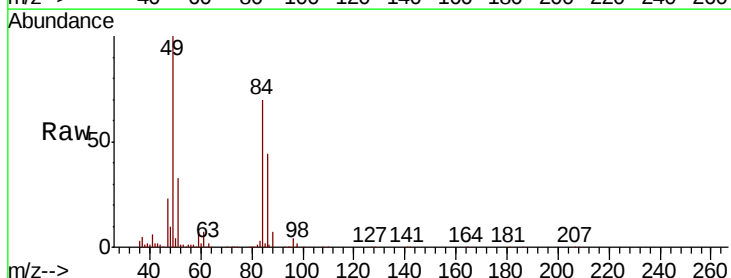
Ion Ratio Lower Upper

84 100

49 141.2 111.1 166.7

51 45.9 35.3 52.9

86 62.9 51.9 77.9



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

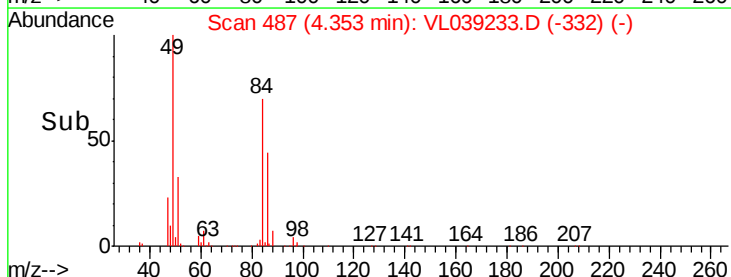
300000

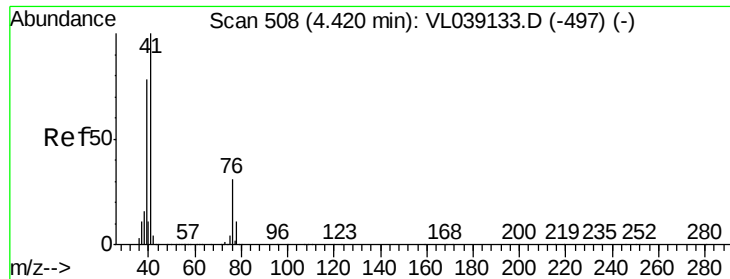
200000

100000

0

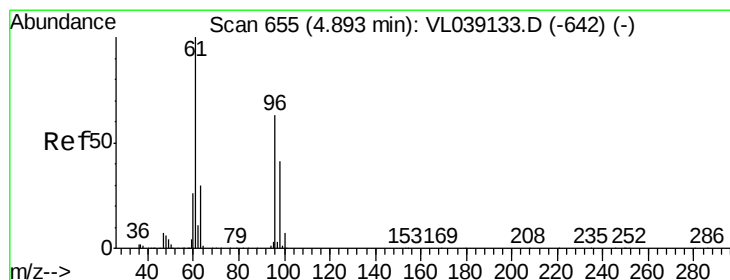
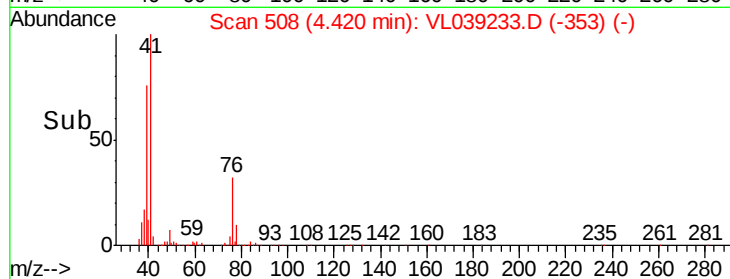
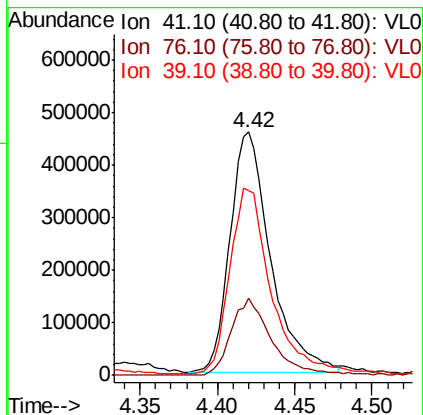
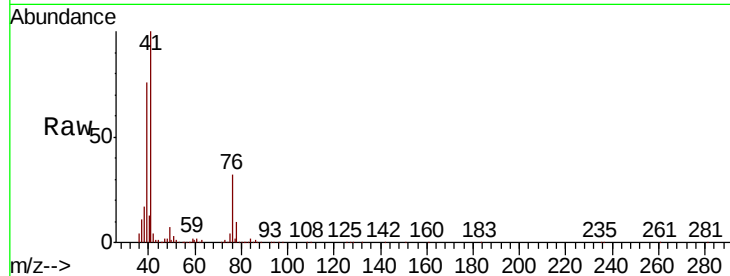
Time-->





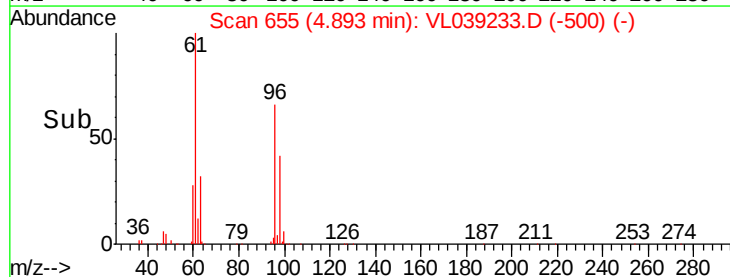
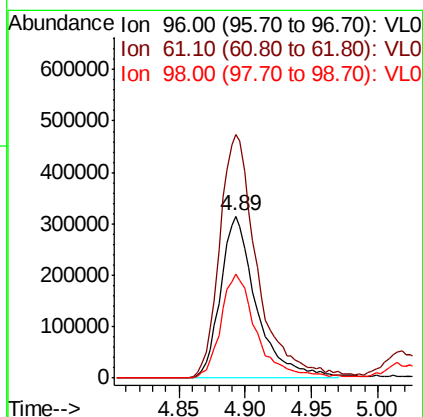
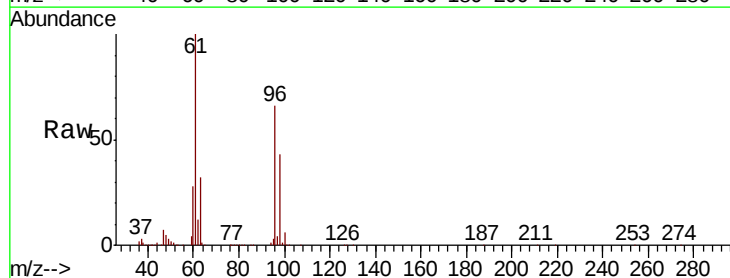
#21
 Allvl Chloride
 Concen: 9.745 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0608ABS01
 Acq: 8 Jun 2022 13:42

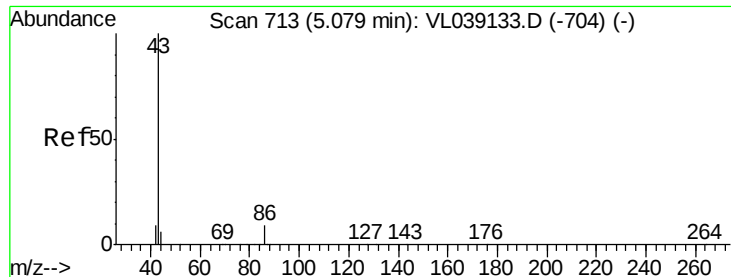
Tot Ion:	41	Resp:	828922
Ion	Ratio	Lower	Upper
41	100		
76	32.1	24.2	36.2
39	80.5	62.2	93.2



#22
 trans-1,2-Dichloroethene
 Concen: 10.660 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

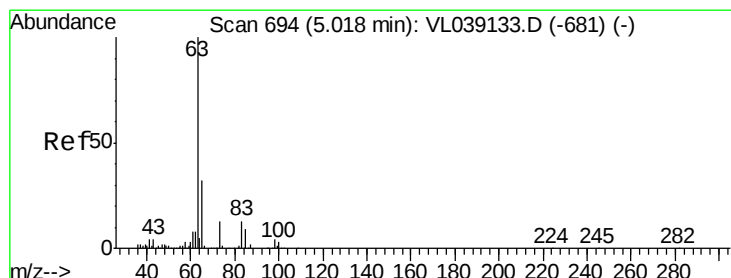
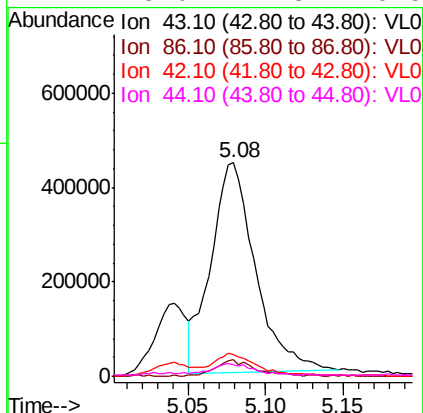
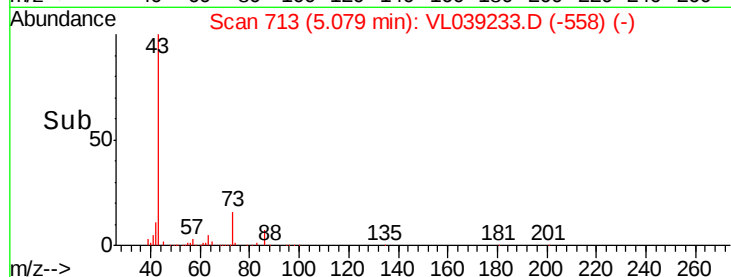
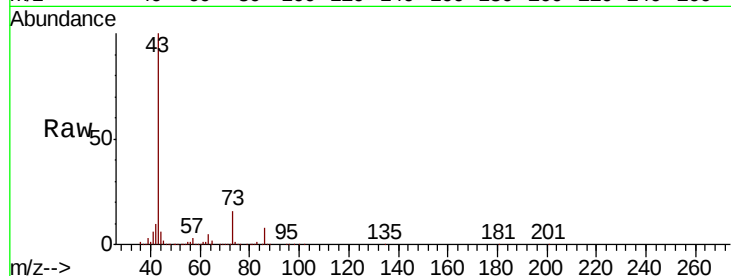
Tgt Ion:	96	Resp:	585590
Ion	Ratio	Lower	Upper
96	100		
61	150.6	126.6	190.0
98	63.9	52.5	78.7





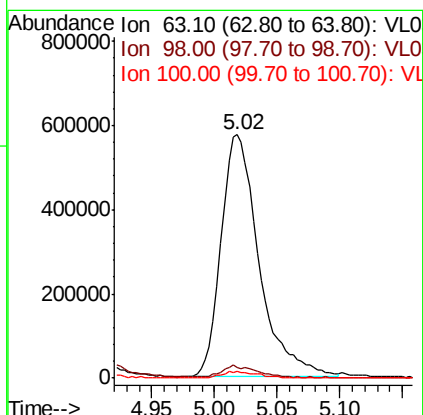
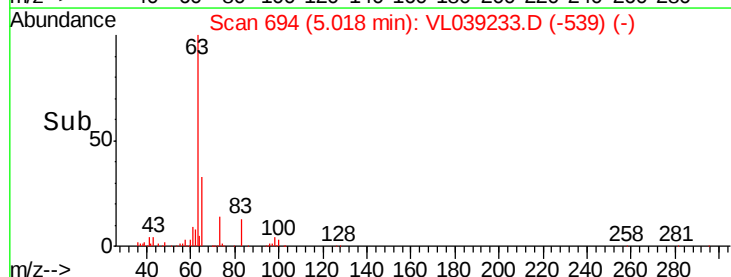
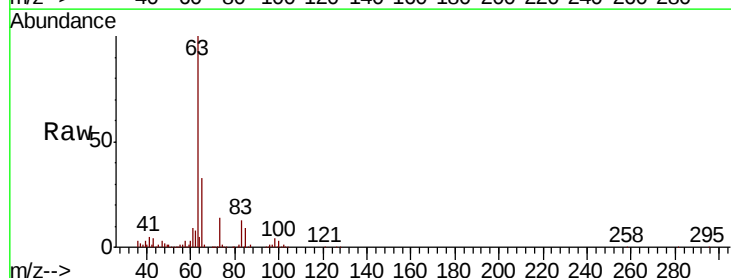
#23
 Vinyl Acetate
 Concen: 8.578 ppbv
 RT: 5.08
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0608ABS01
 Acq: 8 Jun 2022 13:42

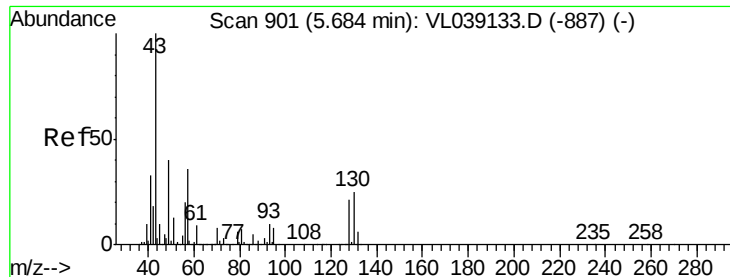
Tot Ion:	43	Resp:	894845
Ion	Ratio	Lower	Upper
43	100		
86	7.6	6.0	9.0
42	10.2	8.2	12.4
44	5.0	4.3	6.5



#24
 1,1-Dichloroethane
 Concen: 8.475 ppbv
 RT: 5.02 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

Tgt Ion:	63	Resp:	1211466
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.2
100	3.0	1.5	4.5





#25

Ethyl Acetate

Concen: 9.822 ppbv

RT: 5.68 Instrument: MSVOA_1

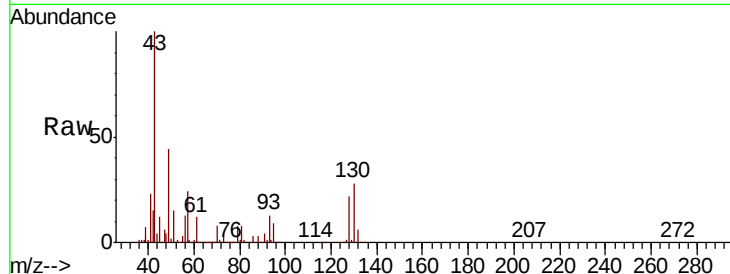
Delta R.T.

Lab File: ClientSampleId: VL0608ABS01

Acq: 8 Jun 2022 13:42

Tot Ion: 43 Resp: 2791213

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	10.5	8.4	12.6
70	7.2	5.6	8.4



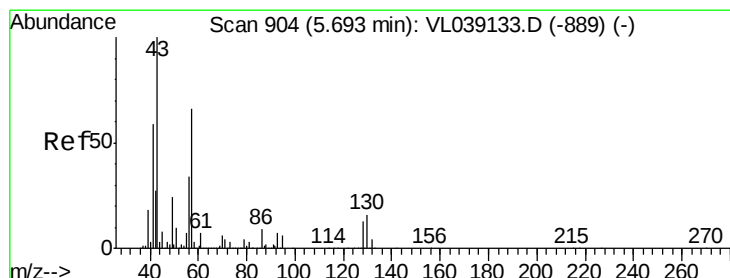
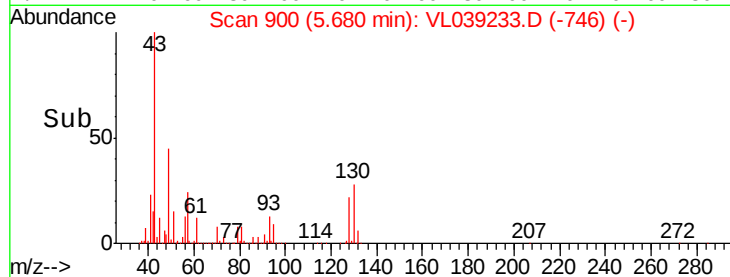
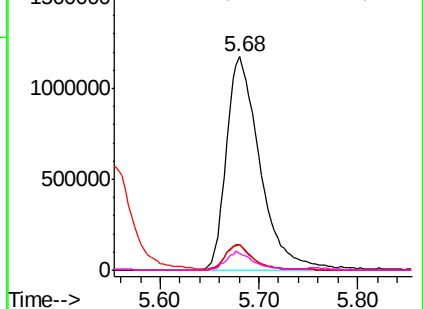
Abundance

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: 8.468 ppbv

RT: 5.70 min Scan# 905

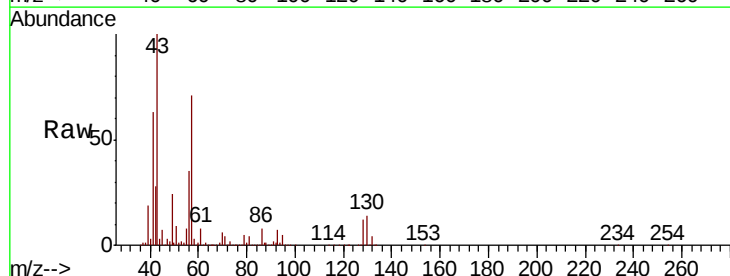
Delta R.T. 0.00 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

Tgt Ion: 57 Resp: 1057523

Ion	Ratio	Lower	Upper
57	100		
41	98.0	72.4	108.6
43	266.0	187.0	280.6
56	53.9	41.8	62.6



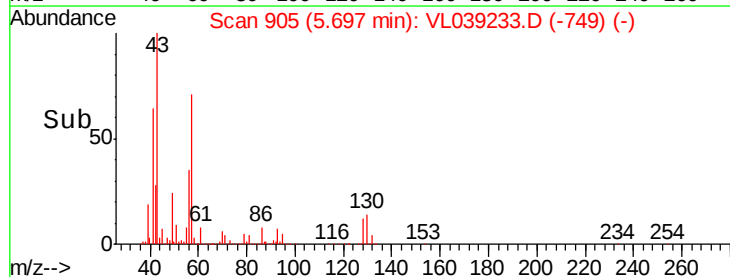
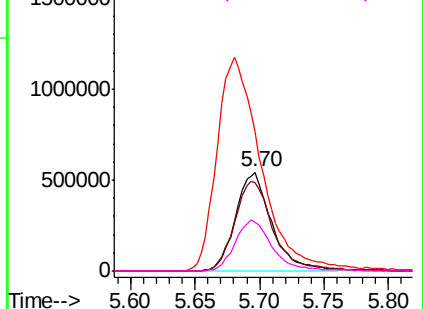
Abundance

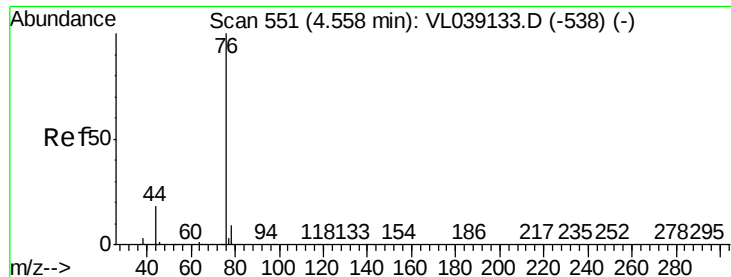
Ion 57.10 (56.80 to 57.80): VL0

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

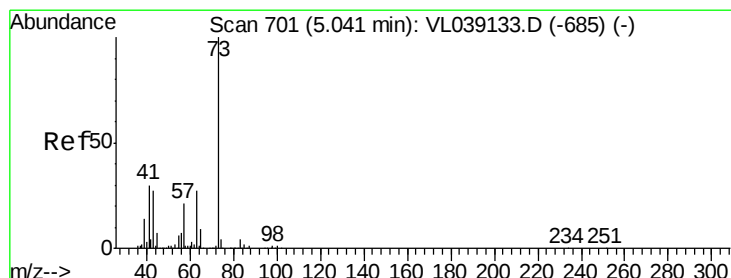
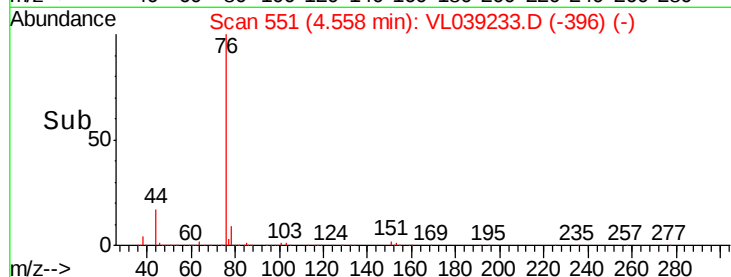
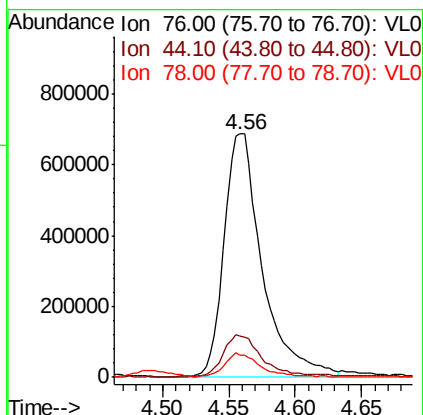
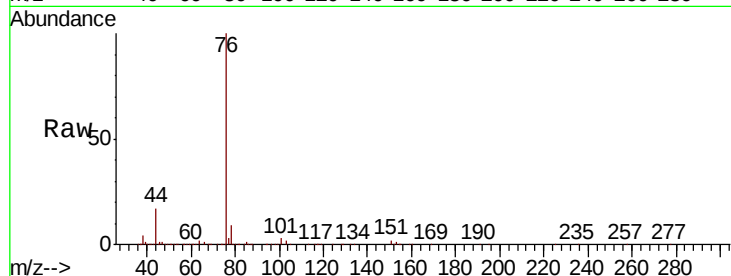




#27
Carbon Disulfide
Concen: 10.605 ppbv
RT: 4.56
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Jun 2022 13:42

Tot Ion: 76 Resp: 1372675

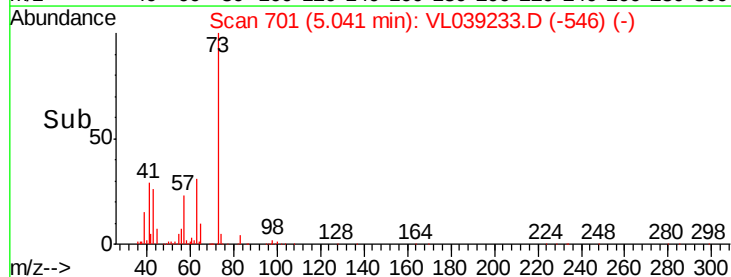
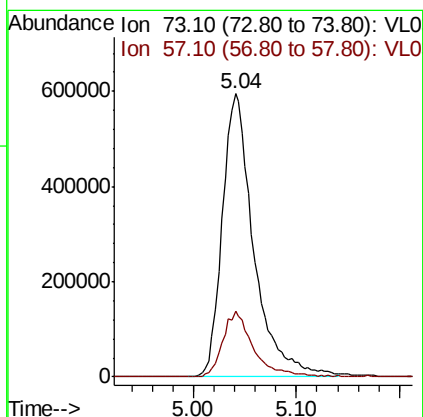
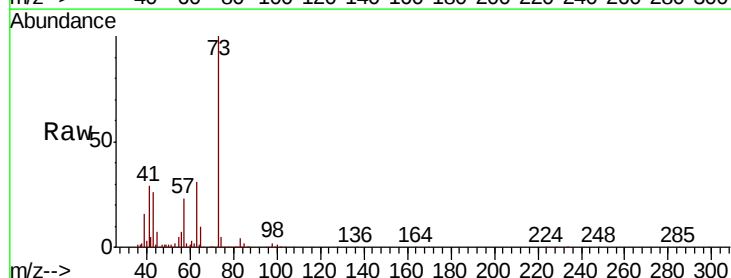
Ion	Ratio	Lower	Upper
76	100		
44	18.3	14.4	21.6
78	10.1	7.7	11.5

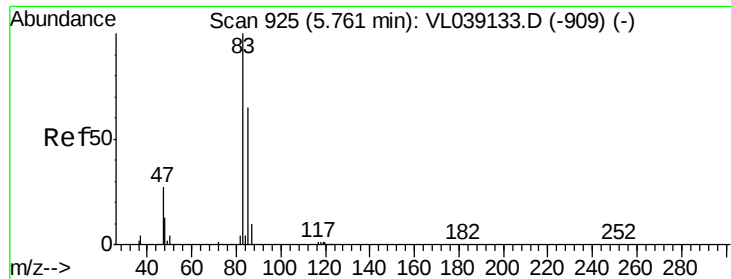


#28
Methyl tert-Butyl Ether
Concen: 9.170 ppbv
RT: 5.04 min Scan# 701
Delta R.T.: -0.00 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

Tgt Ion: 73 Resp: 1264307

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.6	27.8





#29

Chloroform

Concen: 9.099 ppbv

RT: 5.76 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0608ABS01

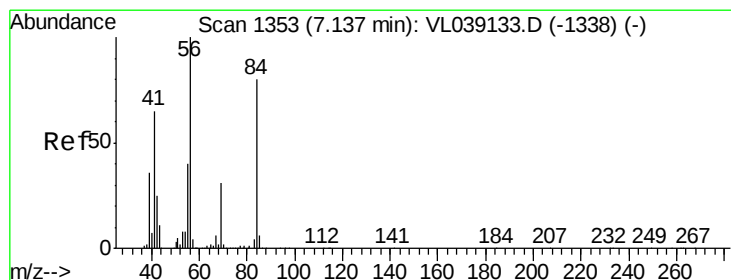
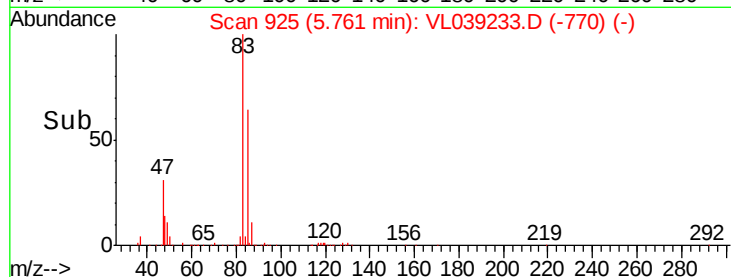
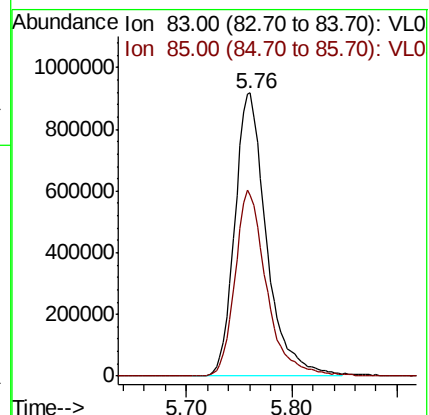
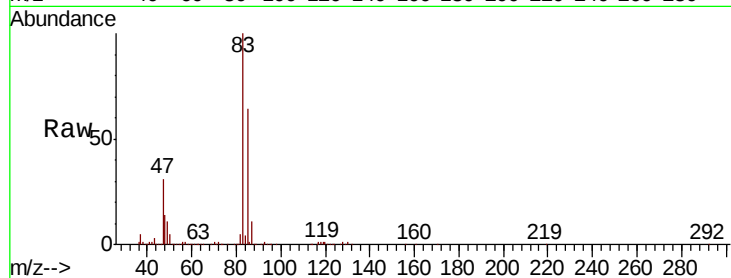
Acq: 8 Jun 2022 13:42

Tot Ion: 83 Resp: 1912136

Ion Ratio Lower Upper

83 100

85 63.5 52.4 78.6



#30

Cyclohexane

Concen: 8.066 ppbv

RT: 7.14 min Scan# 1353

Delta R.T. -0.00 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

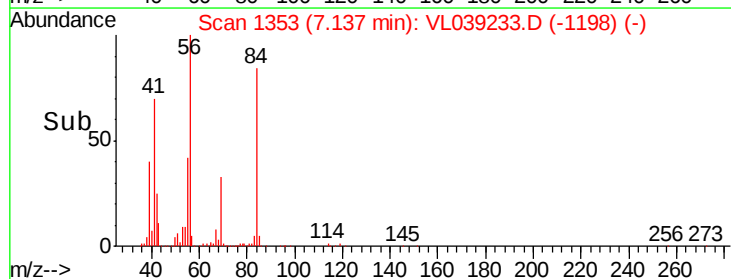
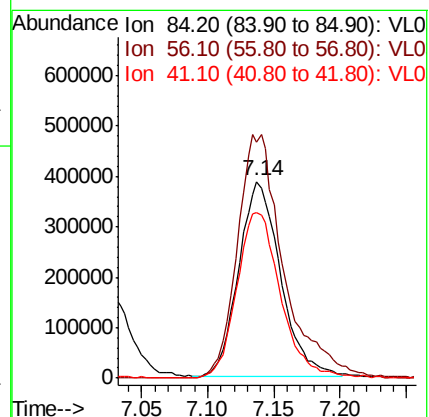
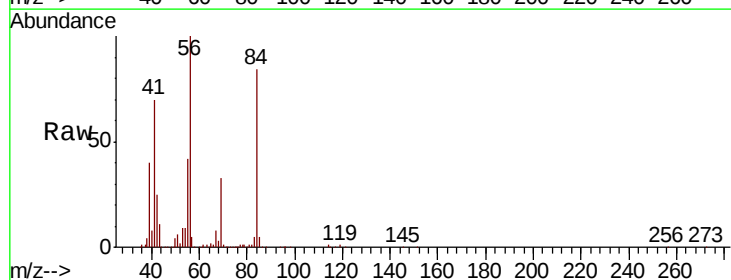
Tgt Ion: 84 Resp: 846280

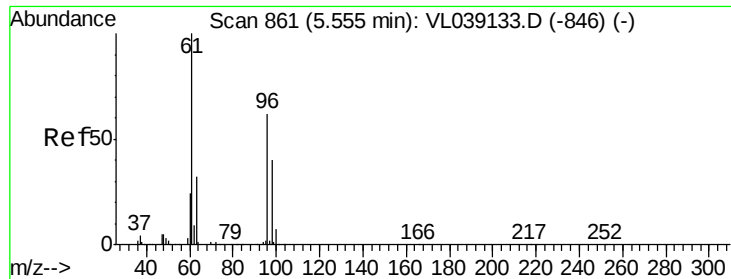
Ion Ratio Lower Upper

84 100

56 140.0 110.6 165.8

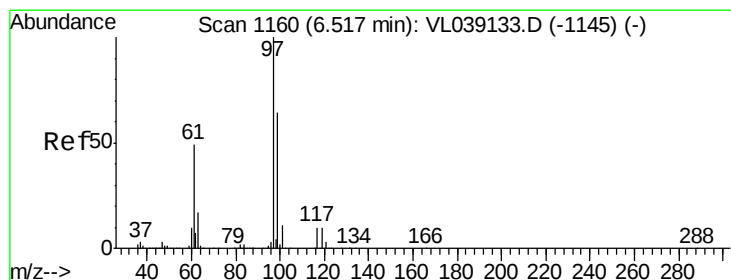
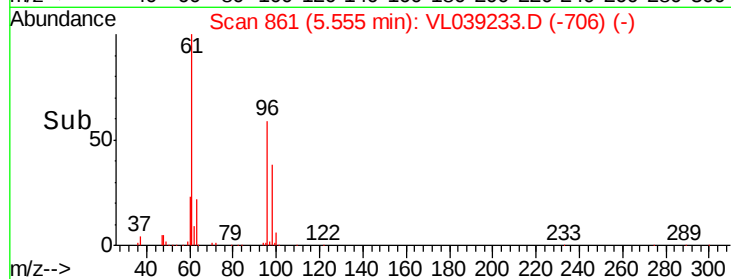
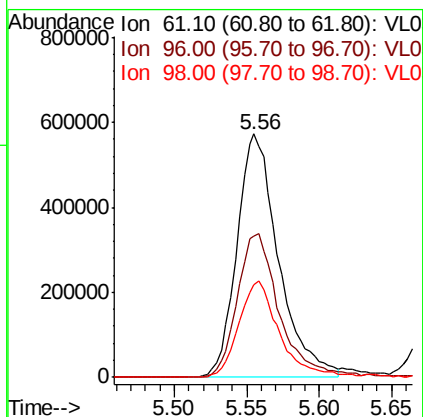
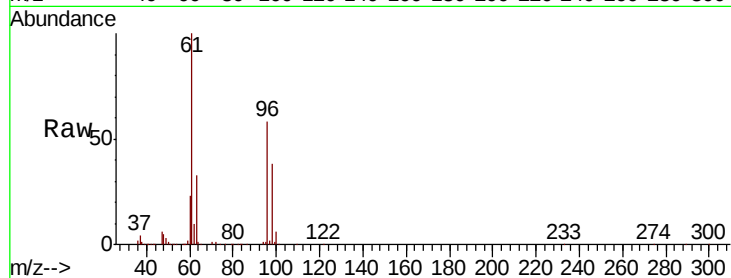
41 89.1 68.9 103.3





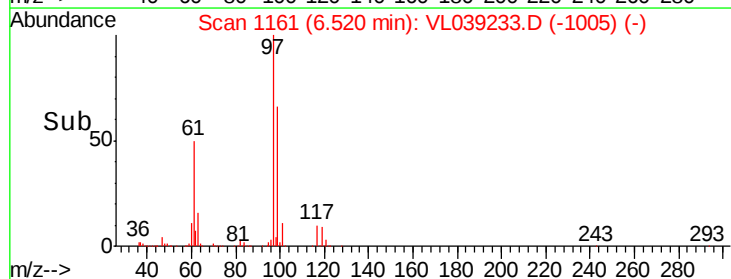
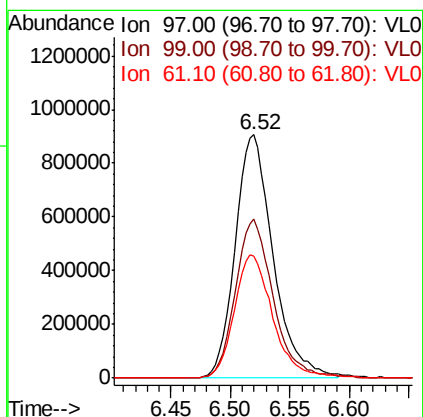
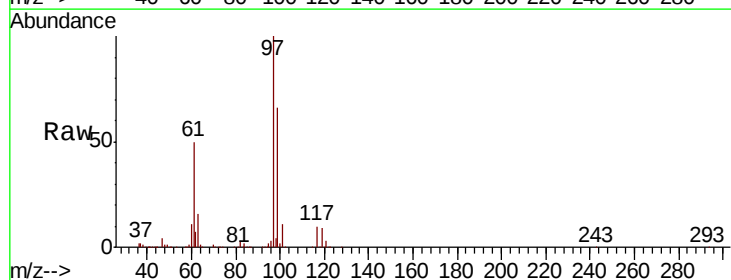
#31
 cis-1,2-Dichloroethene
 Concen: 8.967 ppbv
 RT: 5.56
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0608ABS01
 Acq: 8 Jun 2022 13:42

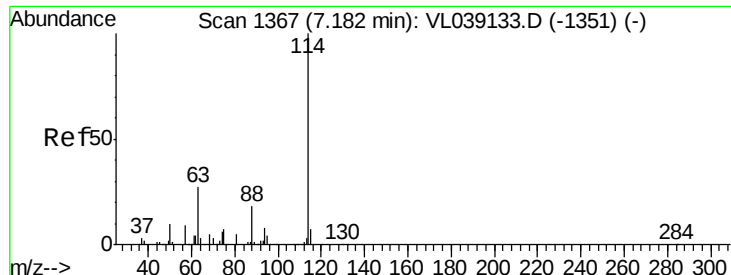
Tot Ion: 61 Resp: 1141861
 Ion Ratio Lower Upper
 61 100
 96 58.2 49.9 74.9
 98 38.1 32.0 48.0



#32
 1,1,1-Trichloroethane
 Concen: 9.755 ppbv
 RT: 6.52 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

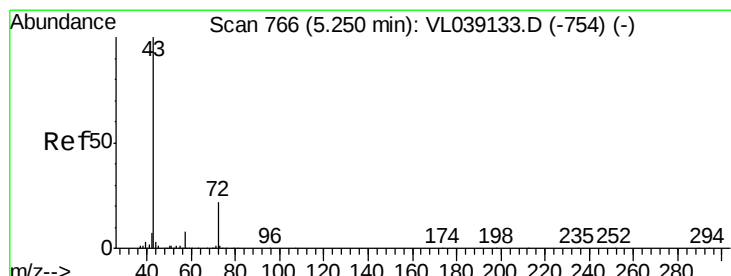
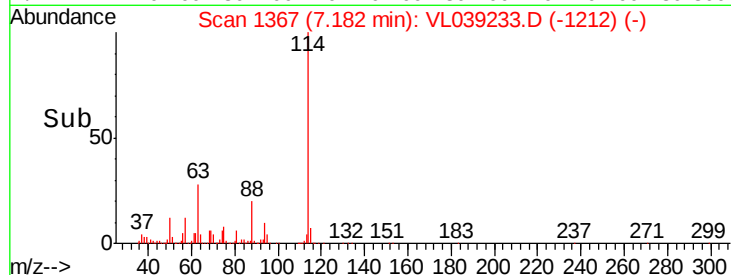
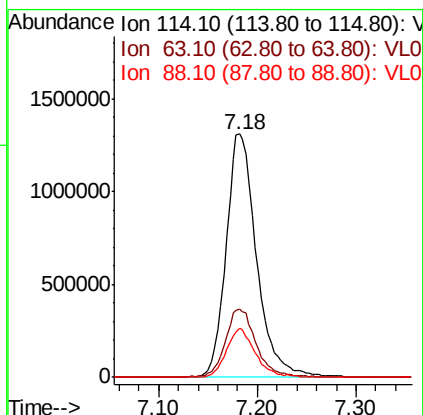
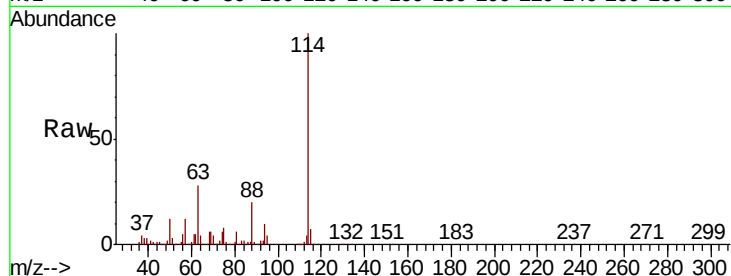
Tgt Ion: 97 Resp: 2006053
 Ion Ratio Lower Upper
 97 100
 99 65.2 52.1 78.1
 61 51.6 40.0 60.0





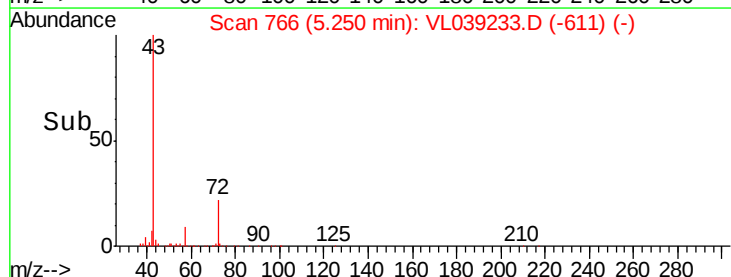
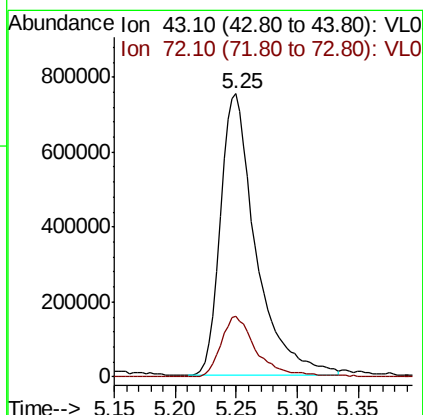
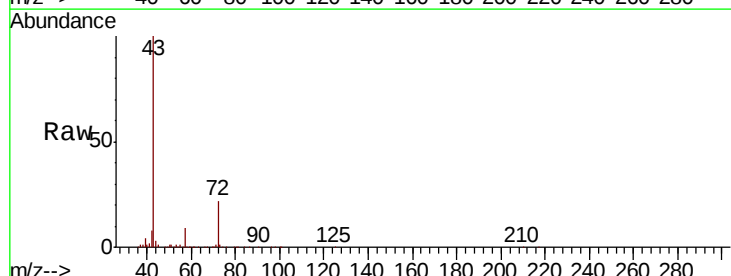
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0608ABS01
 Acq: 8 Jun 2022 13:42

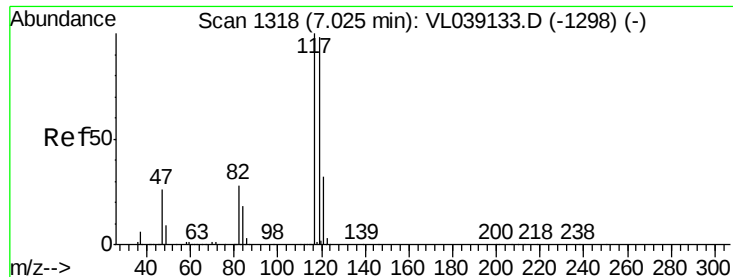
Tot Ion:114 Resp: 2826391
 Ion Ratio Lower Upper
 114 100
 63 28.7 21.7 32.5
 88 19.3 14.8 22.2



#34
 2-Butanone
 Concen: 10.035 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

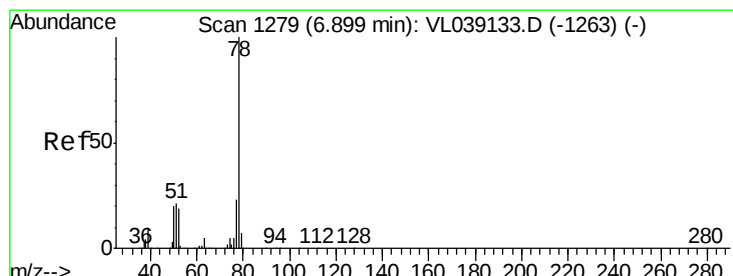
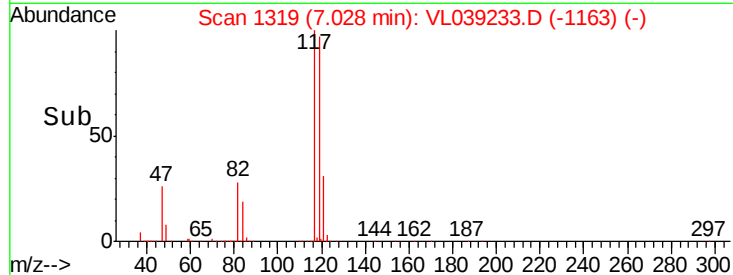
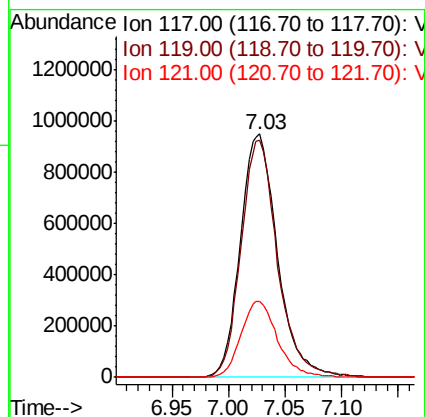
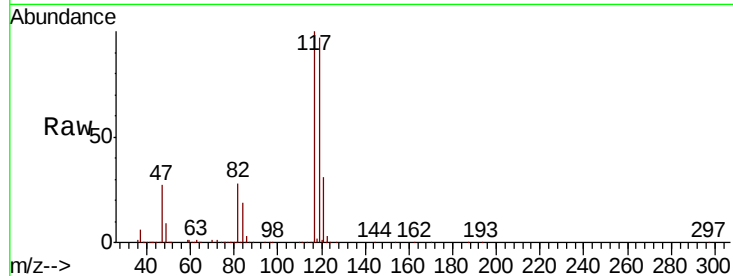
Tgt Ion: 43 Resp: 1540962
 Ion Ratio Lower Upper
 43 100
 72 21.7 18.2 27.2





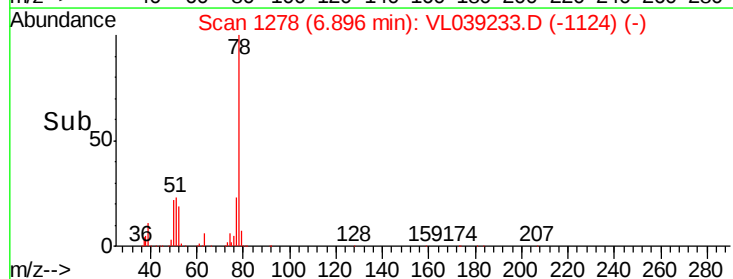
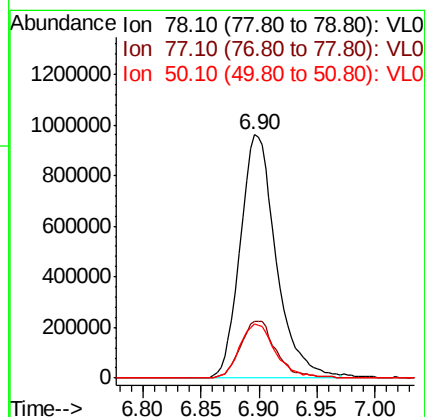
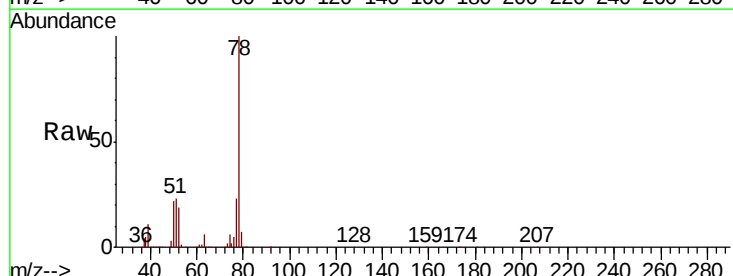
#35
Carbon Tetrachloride
Concen: 10.480 ppbv
RT: 7.03
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Jun 2022 13:42

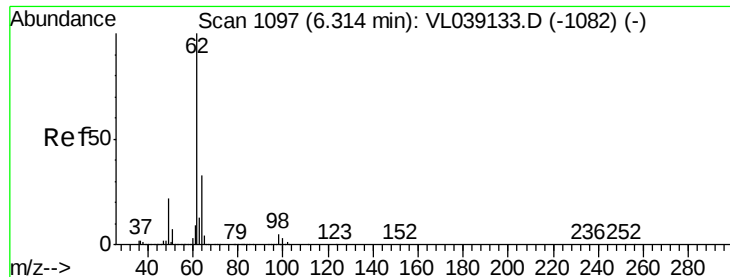
Tot Ion:117 Resp: 2161898
Ion Ratio Lower Upper
117 100
119 97.3 78.6 118.0
121 31.2 25.4 38.0



#36
Benzene
Concen: 9.033 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

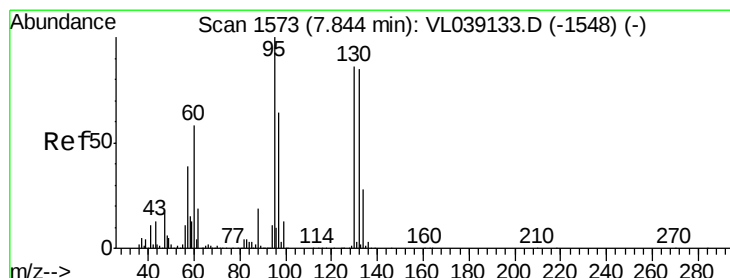
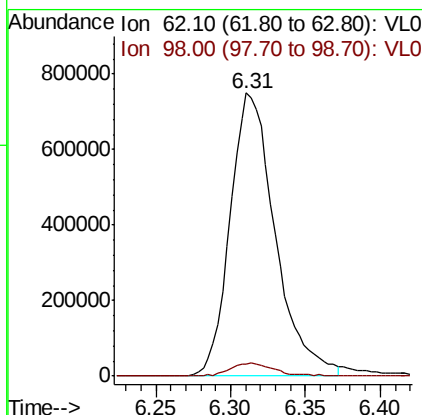
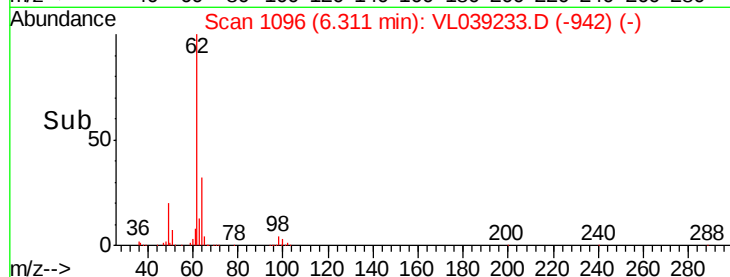
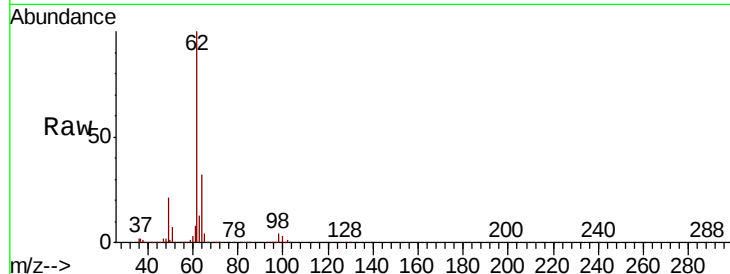
Tgt Ion: 78 Resp: 2072610
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8
50 22.4 15.8 23.8





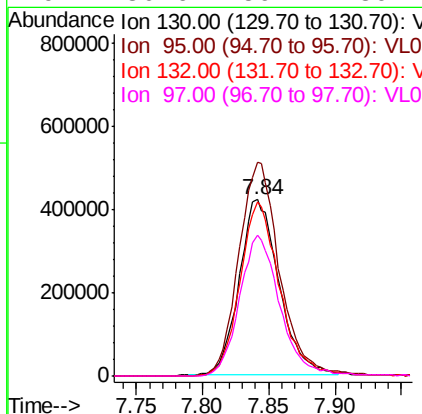
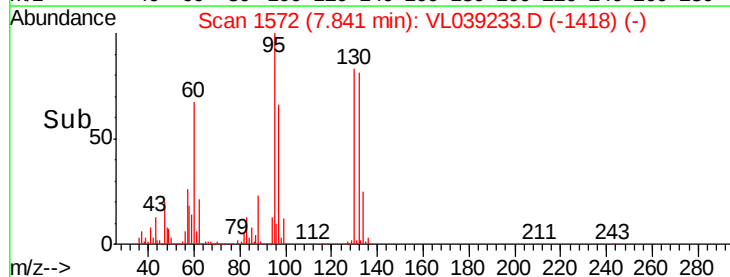
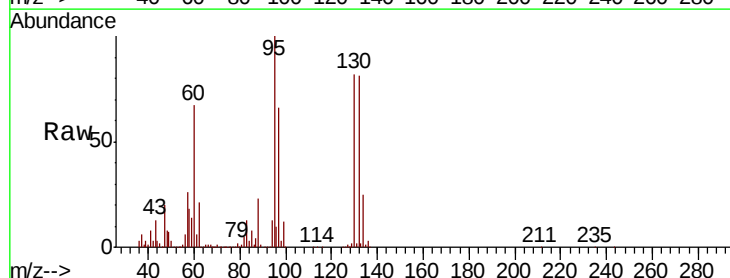
#37
 1,2-Dichloroethane
 Concen: 10.431 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0608ABS01
 Acq: 8 Jun 2022 13:42

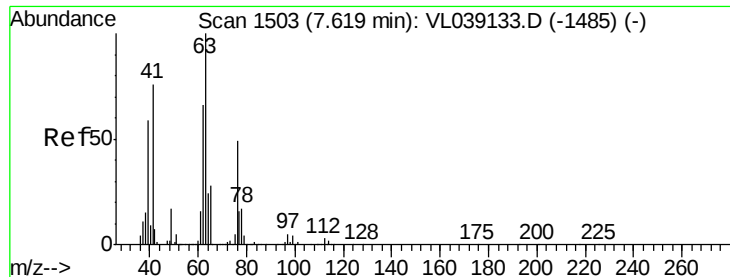
Tot Ion: 62 Resp: 1575233
 Ion Ratio Lower Upper
 62 100
 98 4.6 4.3 6.5



#38
 Trichloroethene
 Concen: 8.353 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

Tgt Ion: 130 Resp: 880385
 Ion Ratio Lower Upper
 130 100
 95 121.8 93.3 139.9
 132 99.0 79.0 118.4
 97 80.6 59.4 89.2





#39

1,2-Dichloropropane

Concen: 8.943 ppbv

RT: 7.62 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 8 Jun 2022 13:42 VL0608ABS01

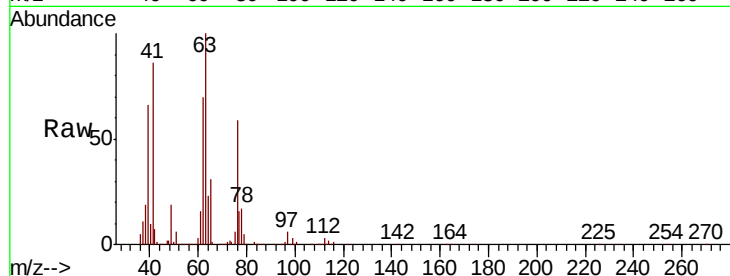
Tot Ion: 63 Resp: 816247

Ion Ratio Lower Upper

63 100

41 85.5 60.8 91.2

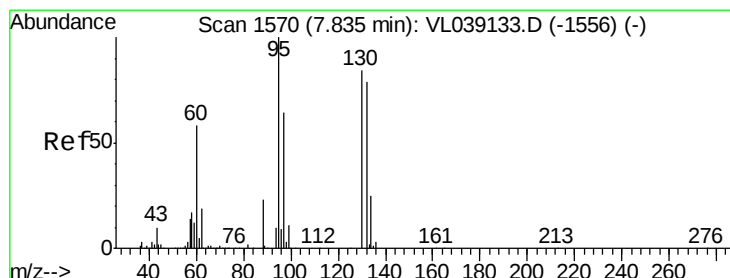
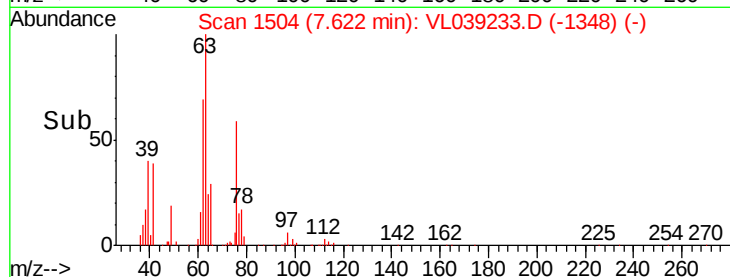
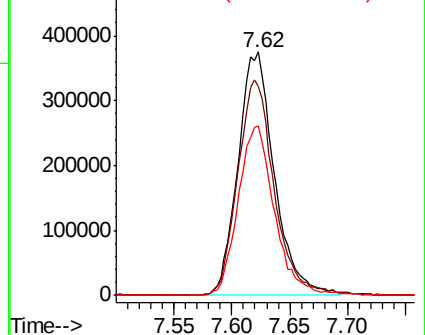
62 69.5 52.9 79.3



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 9.988 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

Tgt Ion: 88 Resp: 300118

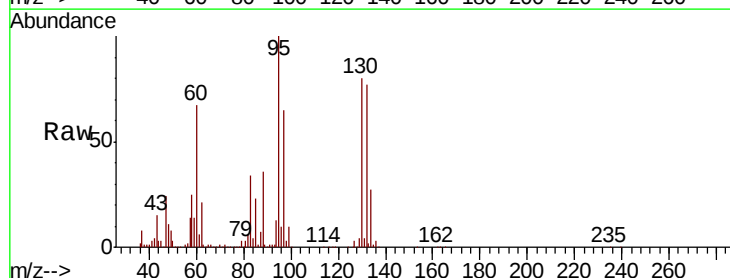
Ion Ratio Lower Upper

88 100

58 132.3 111.2 166.8

43 282.1 234.2 351.4

57 1200.1 1039.9 1559.9

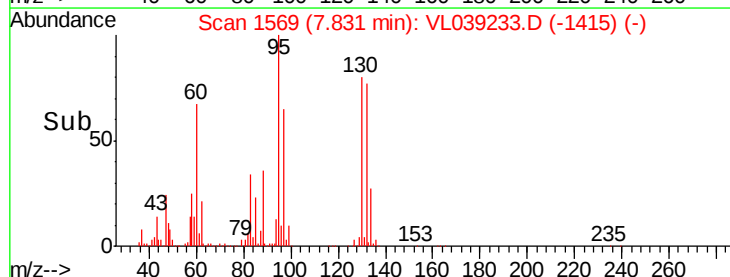
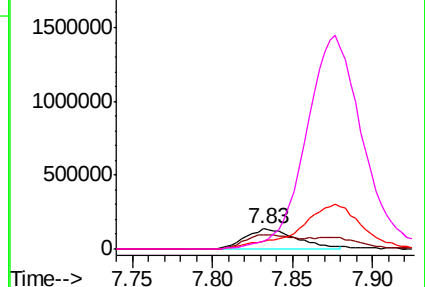


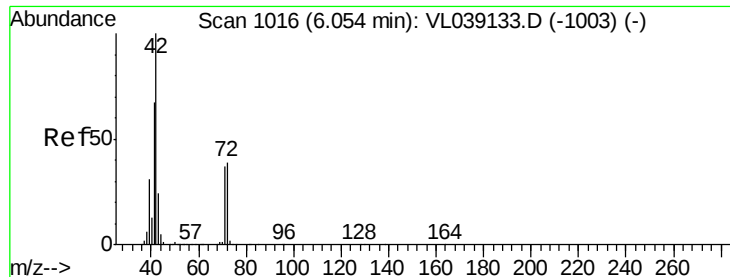
Abundance Ion 88.10 (87.80 to 88.80): VL0

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: 9.092 ppbv

RT: 6.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Jun 2022 13:42

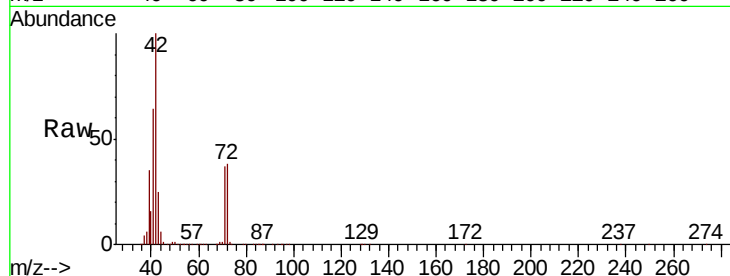
Tot Ion: 42 Resp: 839639

Ion Ratio Lower Upper

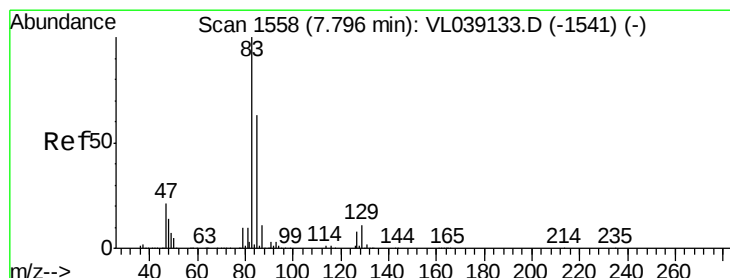
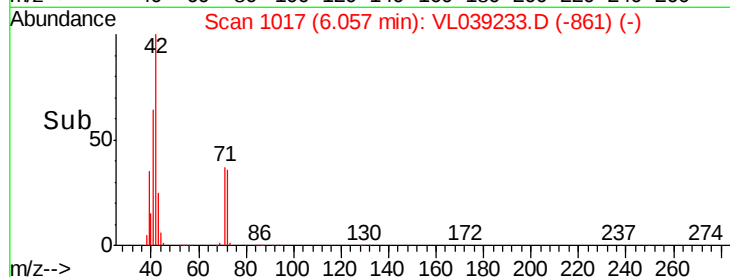
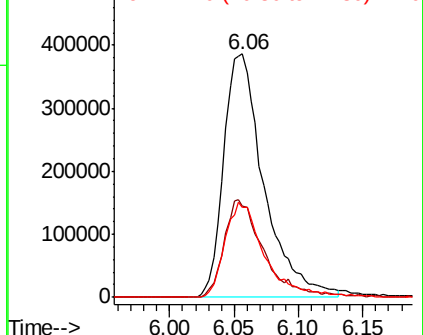
42 100

72 39.9 32.0 48.0

71 39.3 31.1 46.7



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: 10.047 ppbv

RT: 7.80 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

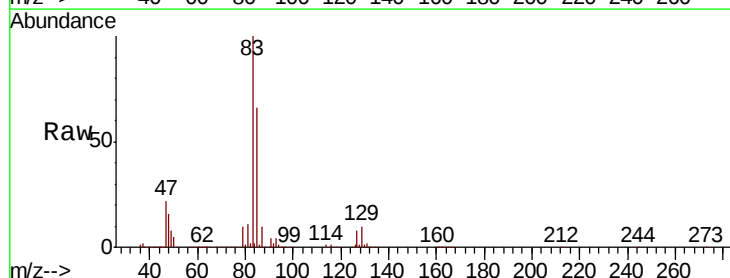
Tgt Ion: 83 Resp: 2105675

Ion Ratio Lower Upper

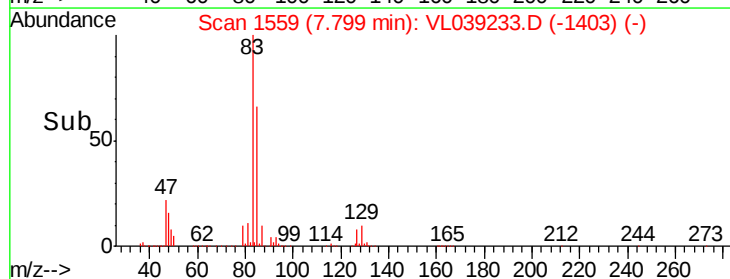
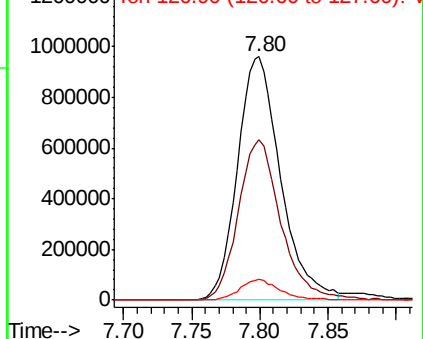
83 100

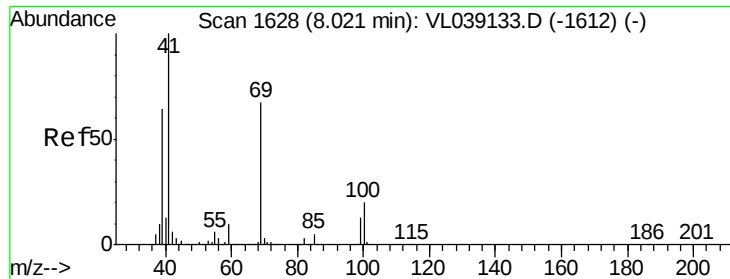
85 65.9 50.2 75.4

127 8.4 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 10.428 ppbv

RT: 8.02 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 8 Jun 2022 13:42 VL0608ABS01

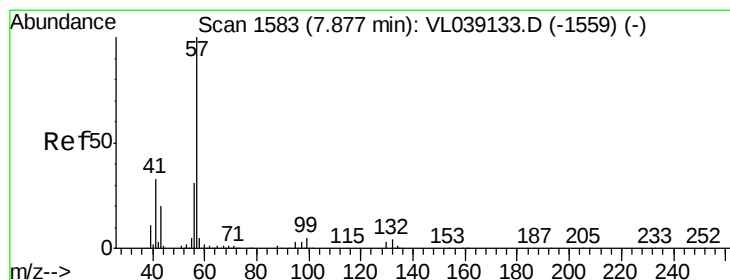
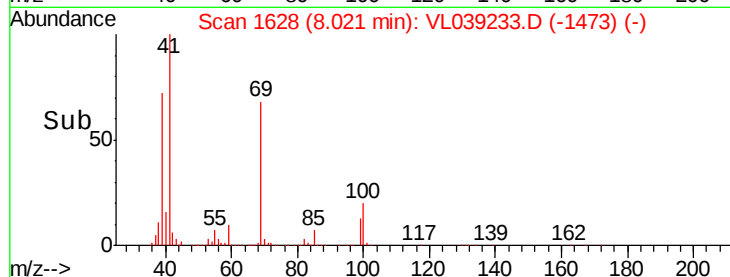
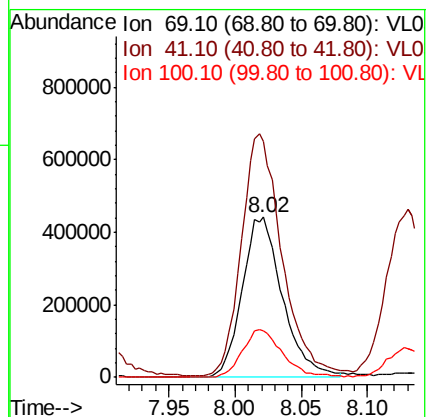
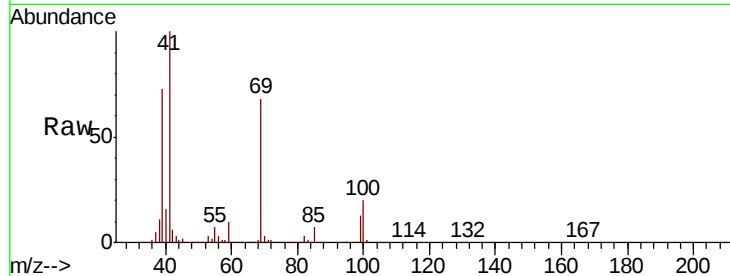
Tot Ion: 69 Resp: 932095

Ion Ratio Lower Upper

69 100

41 154.8 121.9 182.9

100 30.0 24.1 36.1



#44

2,2,4-Trimethylpentane

Concen: 8.957 ppbv

RT: 7.88 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

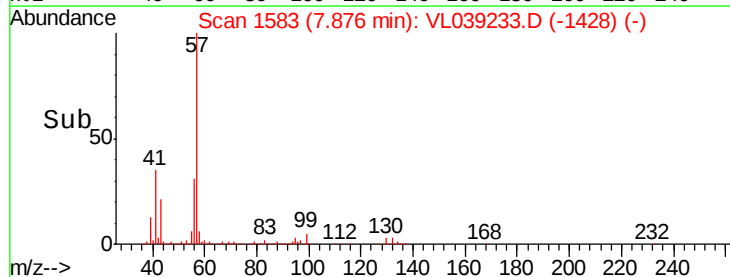
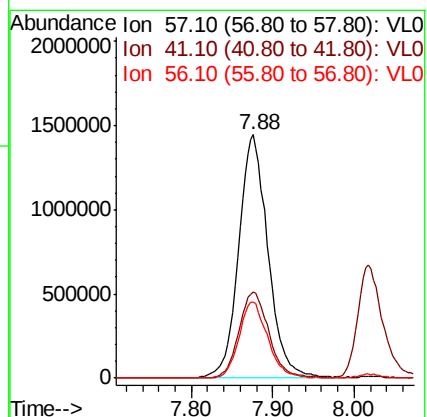
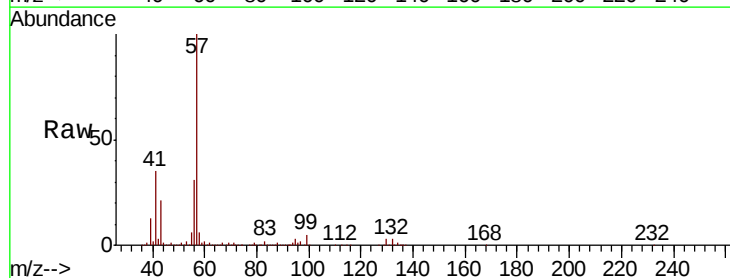
Tgt Ion: 57 Resp: 3595268

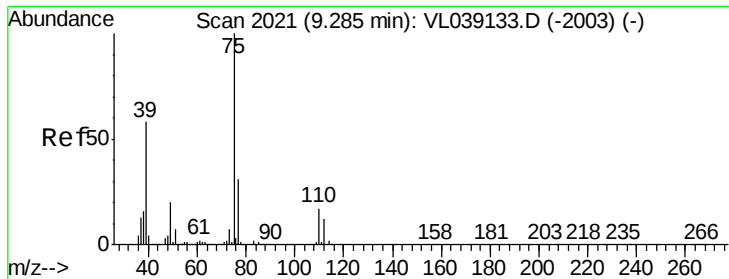
Ion Ratio Lower Upper

57 100

41 36.0 26.2 39.4

56 30.7 24.7 37.1





#45

t-1,3-Dichloropropene

Concen: 8.588 ppbv

RT: 9.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

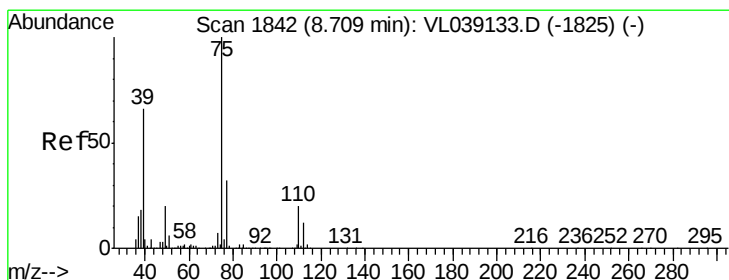
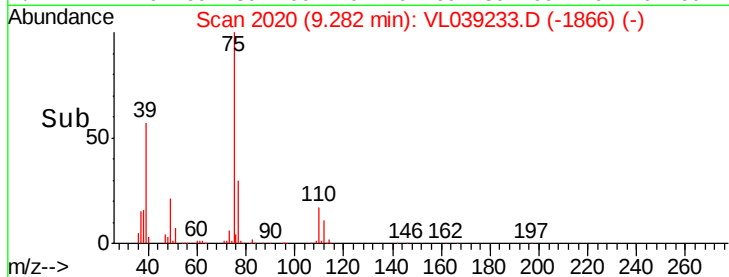
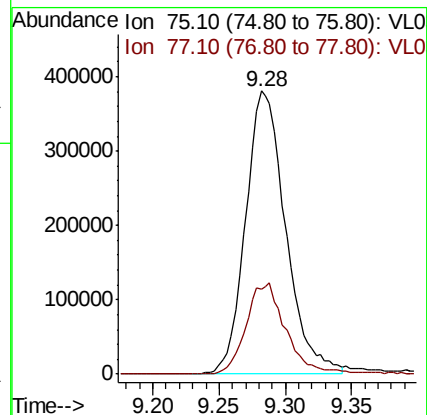
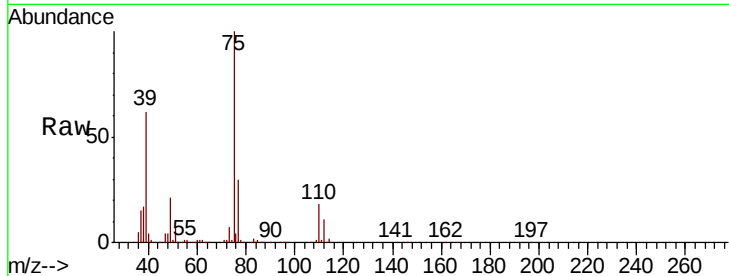
Acq: 8 Jun 2022 13:42 VL0608ABS01

Tot Ion: 75 Resp: 799449

Ion Ratio Lower Upper

75 100

77 30.2 24.4 36.6



#46

cis-1,3-Dichloropropene

Concen: 8.694 ppbv

RT: 8.71 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

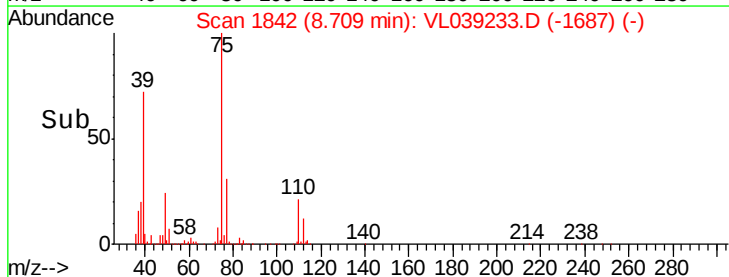
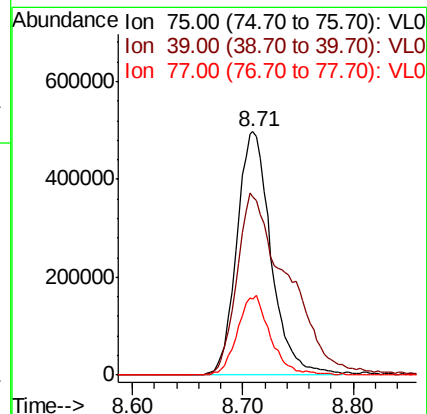
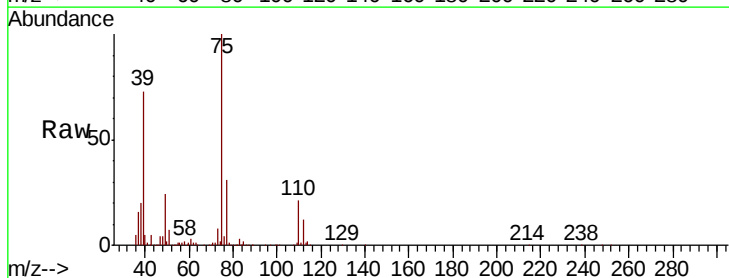
Tgt Ion: 75 Resp: 1069119

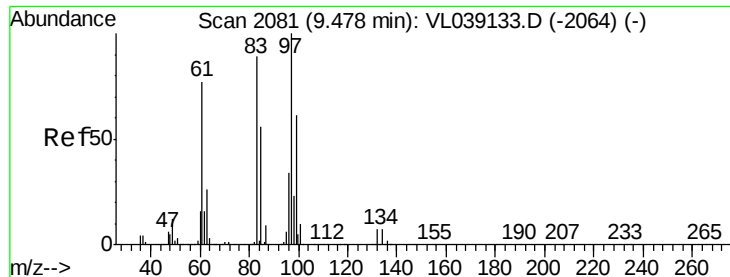
Ion Ratio Lower Upper

75 100

39 72.9 52.4 78.6

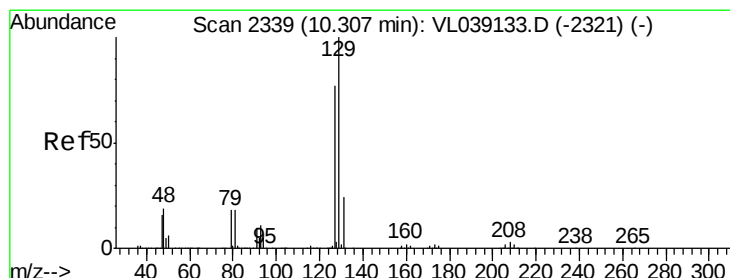
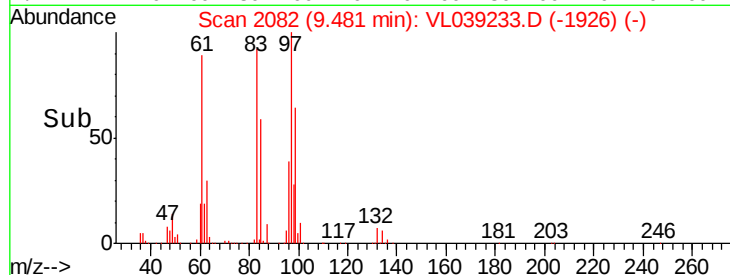
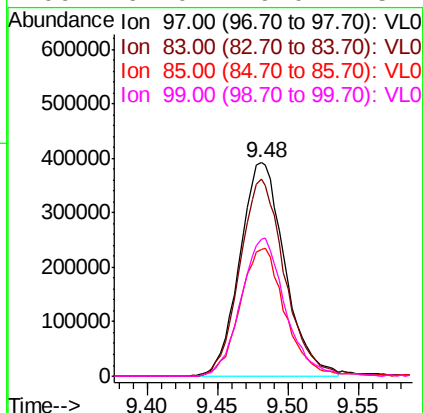
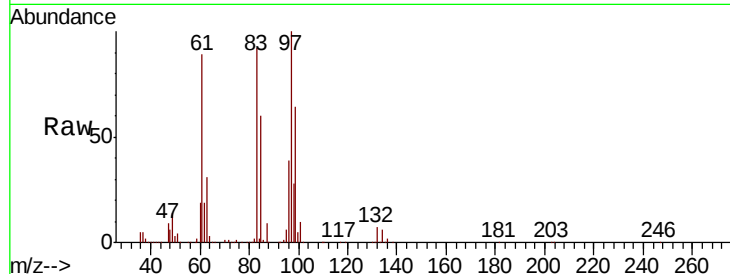
77 31.0 25.5 38.3





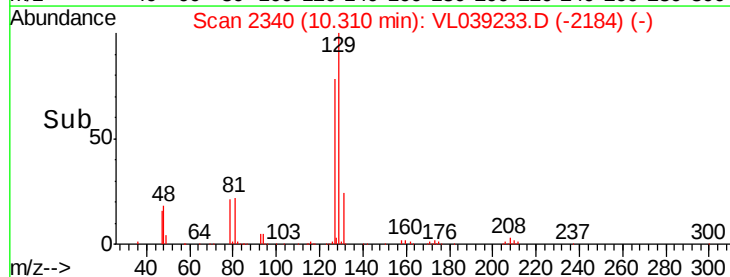
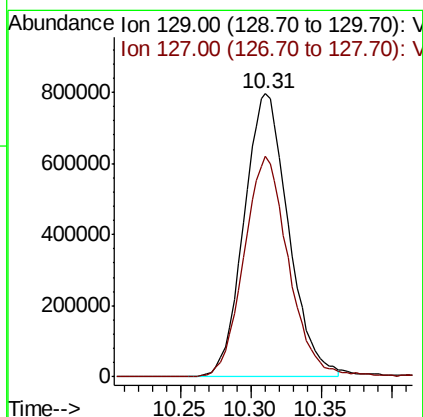
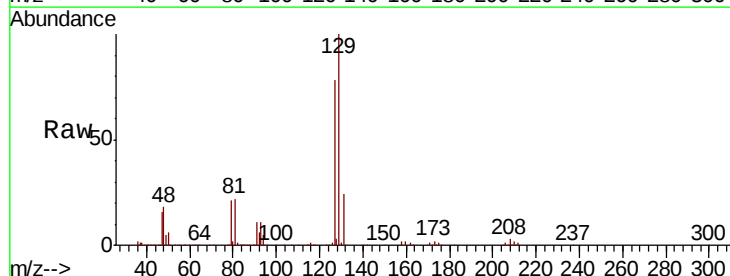
#47
 1,1,2-Trichloroethane
 Concen: 9.202 ppbv
 RT: 9.48
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0608ABS01
 Acq: 8 Jun 2022 13:42

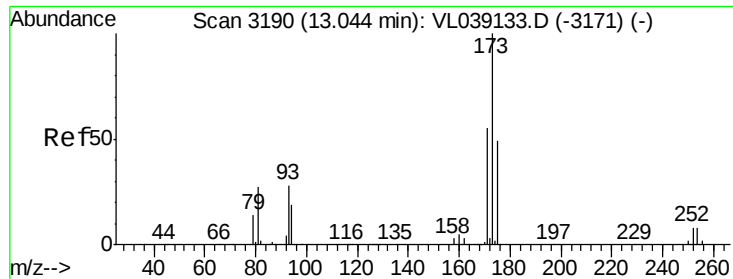
Tot Ion:	97	Resp:	876193
Ion	Ratio	Lower	Upper
97	100		
83	92.0	71.6	107.4
85	59.7	44.8	67.2
99	64.0	49.0	73.4



#48
 Dibromochloromethane
 Concen: 10.315 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T.: 0.00 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

Tgt Ion:	129	Resp:	1753766
Ion	Ratio	Lower	Upper
129	100		
127	78.8	40.0	119.9





#49

Bromoform

Concen: 10.415 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Jun 2022 13:42

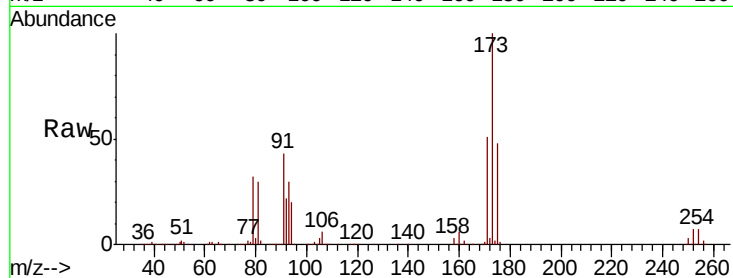
Tot Ion:173 Resp: 1475758

Ion Ratio Lower Upper

173 100

175 50.0 40.2 60.2

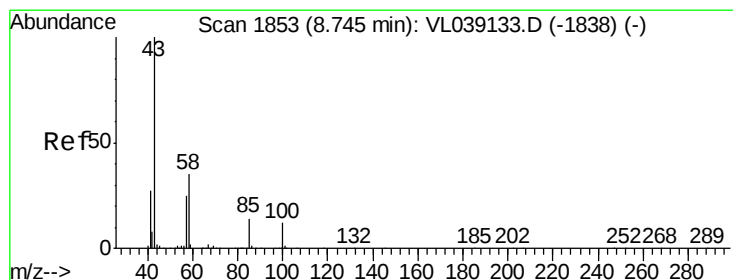
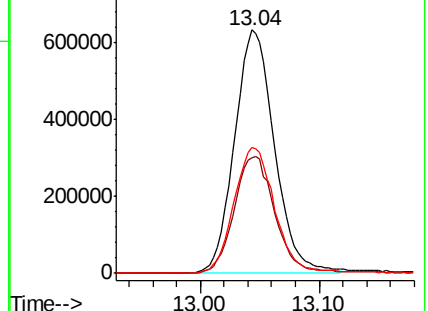
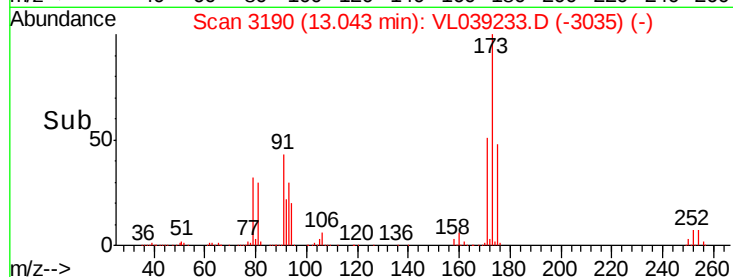
171 53.0 43.9 65.9



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: 9.667 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VL039233.D

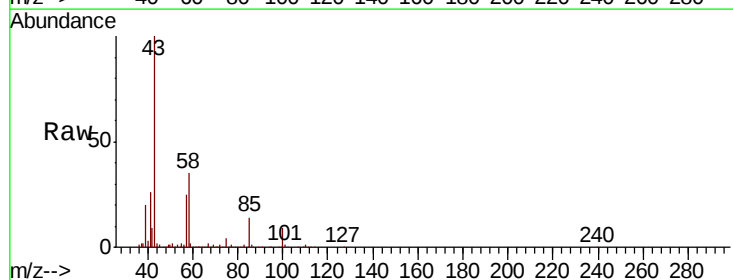
Acq: 8 Jun 2022 13:42

Tgt Ion: 43 Resp: 2222002

Ion Ratio Lower Upper

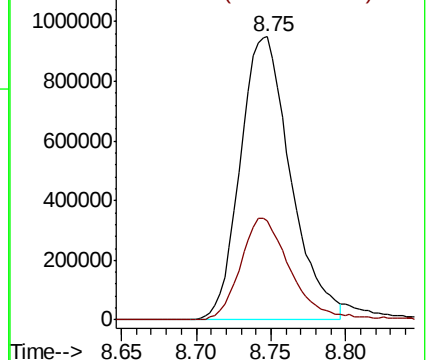
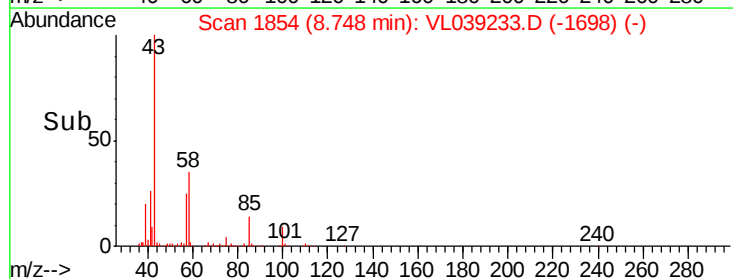
43 100

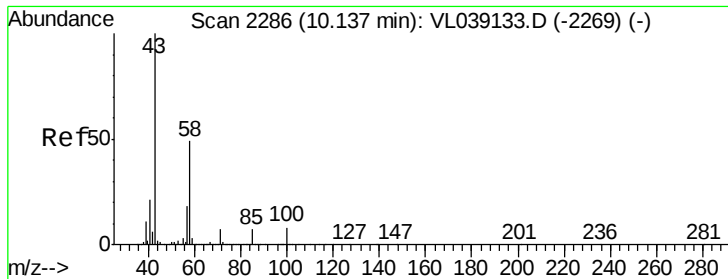
58 36.4 28.7 43.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

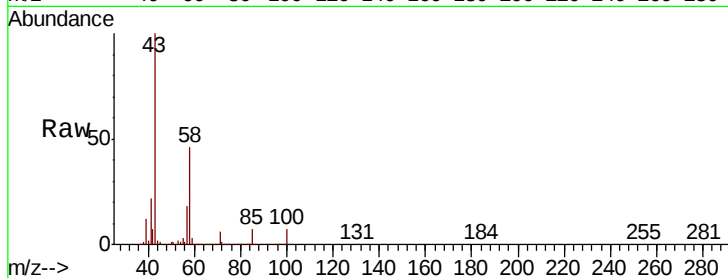
Ion 58.10 (57.80 to 58.80): VL0



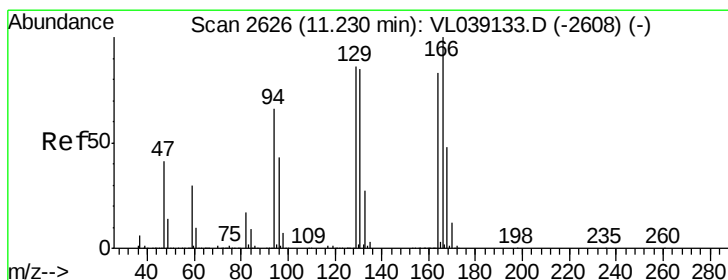
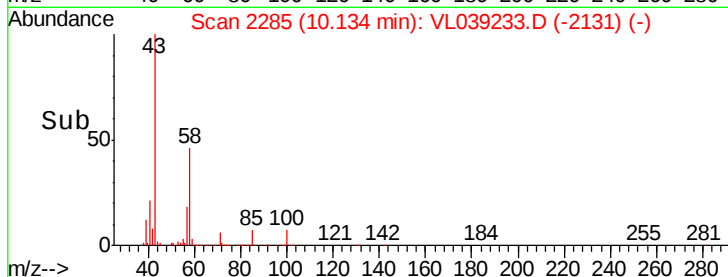
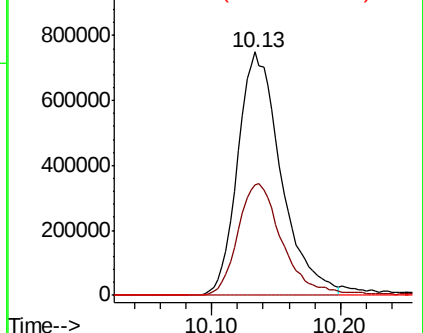


#51
2-Hexanone
Concen: 9.813 ppbv
RT: 10.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0608ABS01
Acq: 8 Jun 2022 13:42

Tot Ion: 43 Resp: 1754980
Ion Ratio Lower Upper
43 100
58 47.2 40.0 60.0
98 0.2 0.1 0.1#

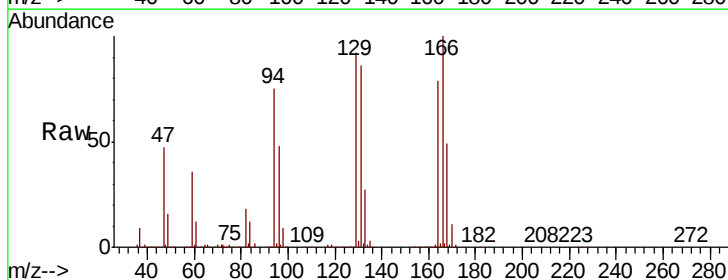


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0

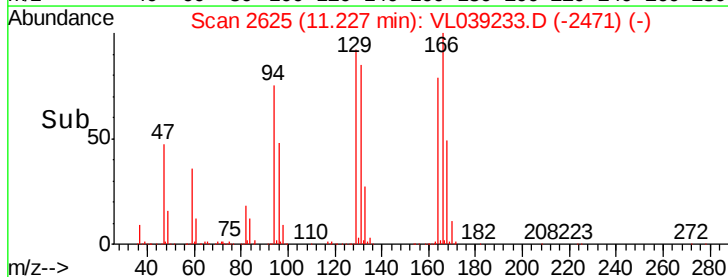
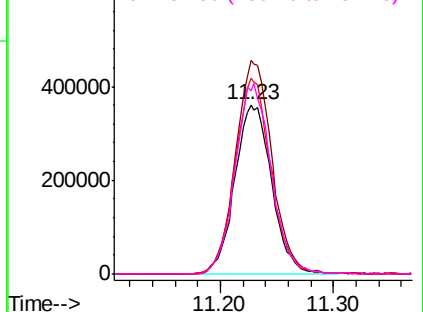


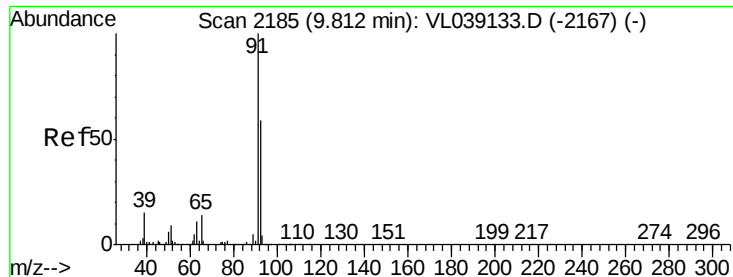
#52
Tetrachloroethene
Concen: 9.104 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. -0.00 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

Tgt Ion:164 Resp: 815683
Ion Ratio Lower Upper
164 100
166 125.9 96.3 144.5
129 115.5 82.5 123.7
131 107.5 82.1 123.1



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 9.297 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

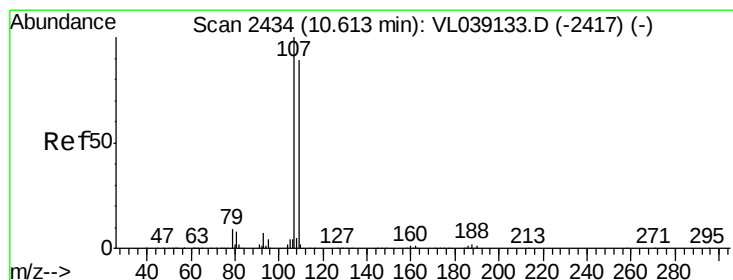
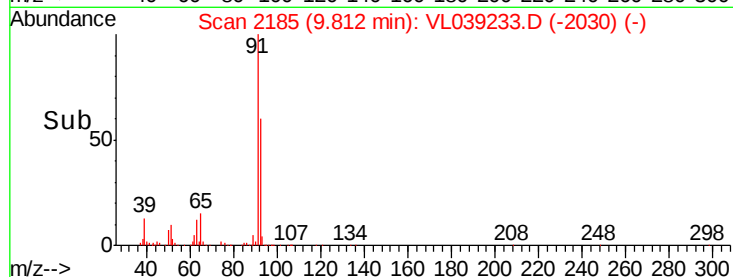
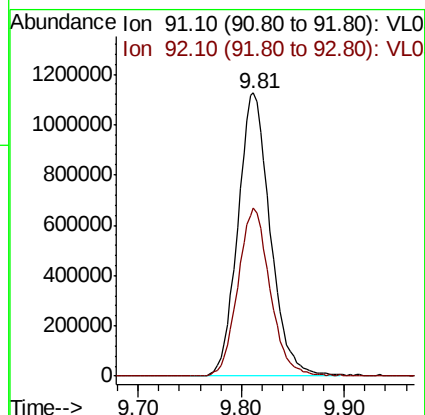
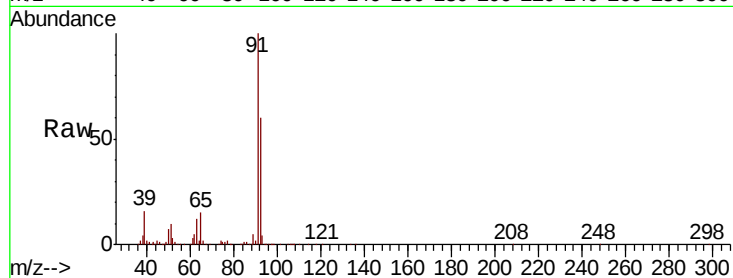
Acq: 8 Jun 2022 13:42 VL0608ABS01

Tot Ion: 91 Resp: 2456429

Ion Ratio Lower Upper

91 100

92 59.5 48.1 72.1



#54

1,2-Dibromoethane

Concen: 10.256 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. 0.00 min

Lab File: VL039233.D

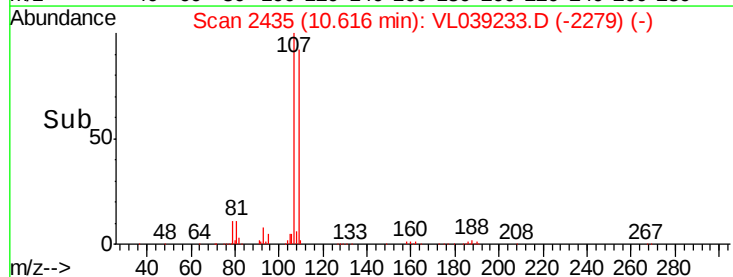
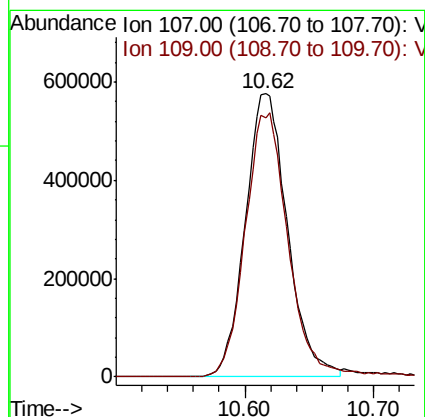
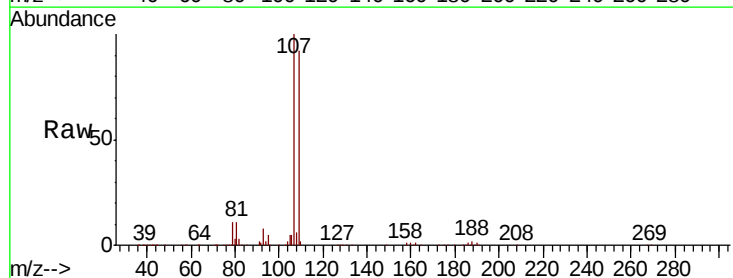
Acq: 8 Jun 2022 13:42

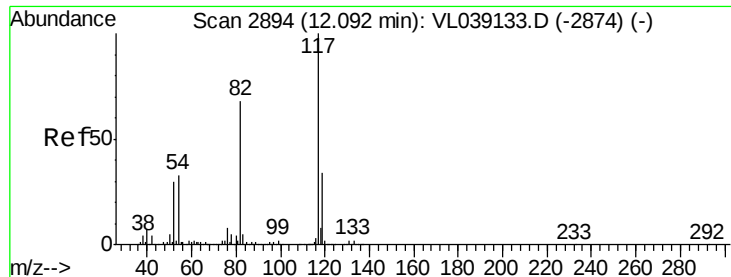
Tgt Ion: 107 Resp: 1312319

Ion Ratio Lower Upper

107 100

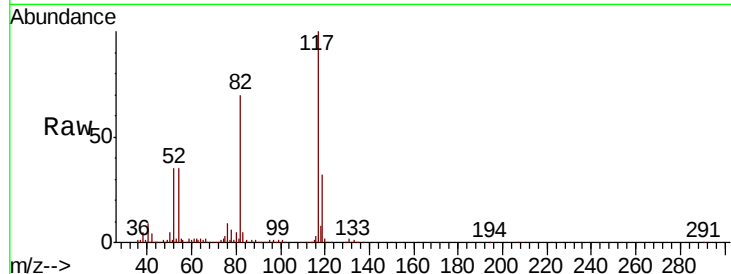
109 91.6 71.4 107.0



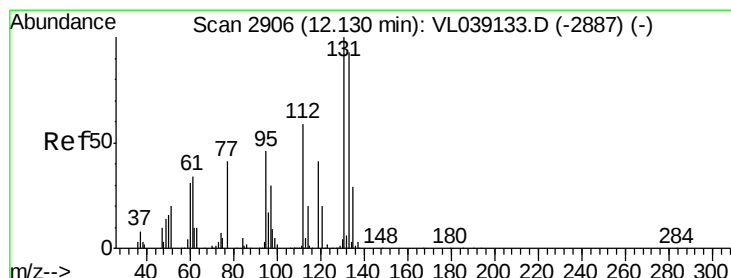
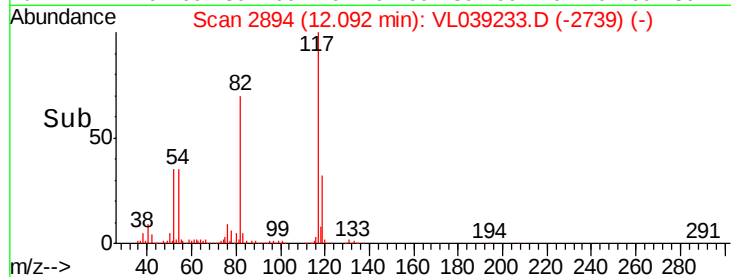
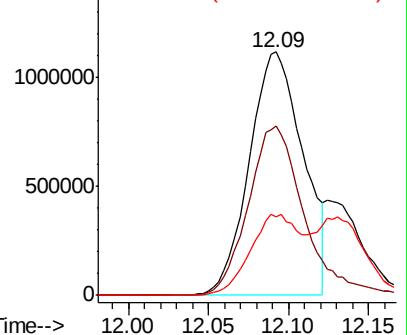


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0608ABS01
 Acq: 8 Jun 2022 13:42

Tot Ion:117 Resp: 2617636
 Ion Ratio Lower Upper
 117 100
 82 73.7 55.1 82.7
 119 31.1 24.7 37.1

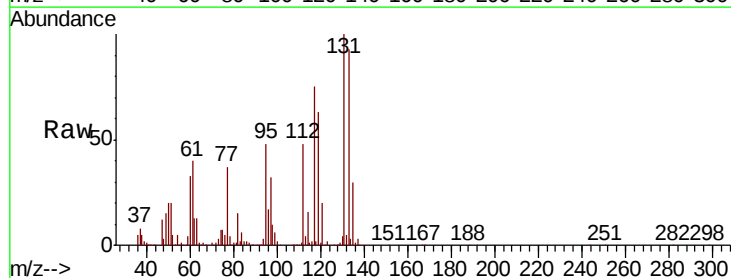


Abundance Ion 117.10 (116.80 to 117.80): V
 1500000 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V

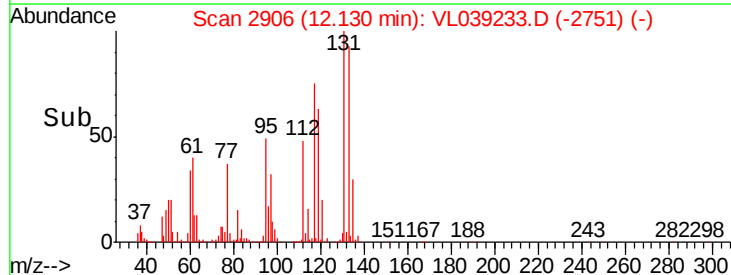
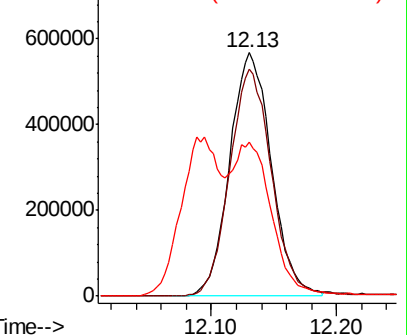


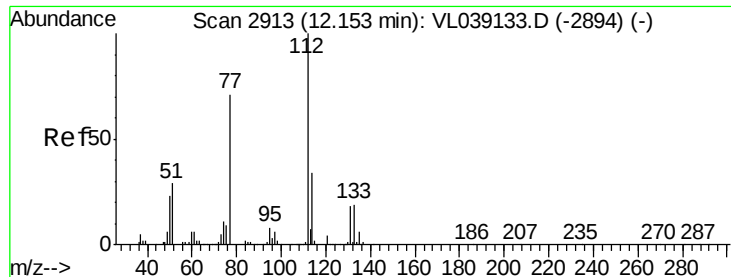
#56
 1,1,1,2-Tetrachloroethane
 Concen: 10.516 ppbv
 RT: 12.13 min Scan# 2906
 Delta R.T. -0.00 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

Tgt Ion:131 Resp: 1302504
 Ion Ratio Lower Upper
 131 100
 133 95.3 78.6 117.8
 119 62.1 51.7 77.5



Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

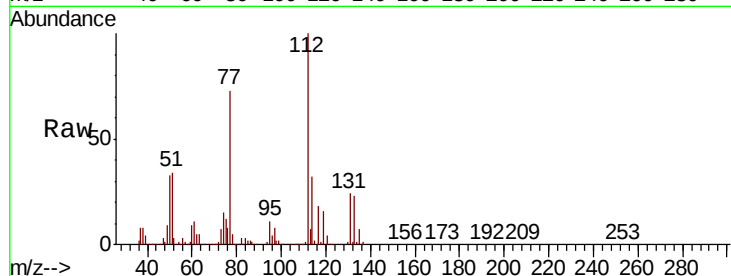




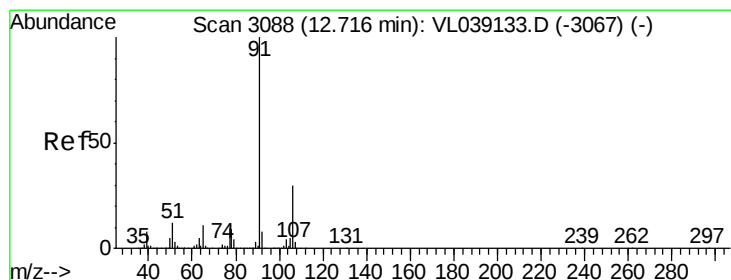
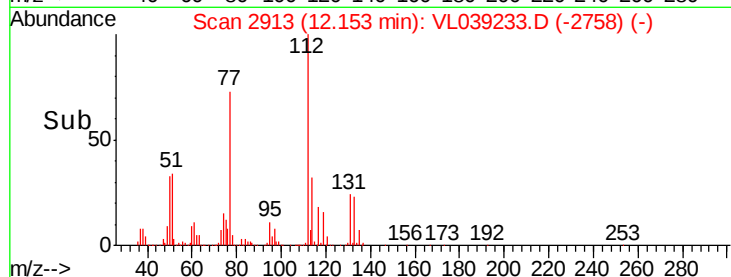
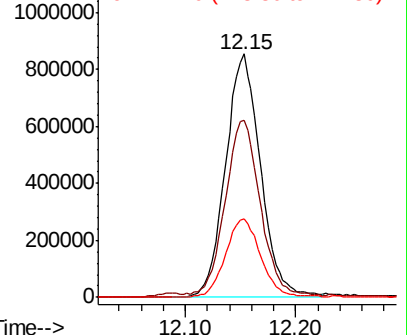
#57
Chlorobenzene
Concen: 9.525 ppbv
RT: 12.15 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0608ABS01
Acq: 8 Jun 2022 13:42

Tot Ion: 112 Resp: 1875956

Ion	Ratio	Lower	Upper
112	100		
77	72.1	56.5	84.7
114	32.2	30.3	37.1



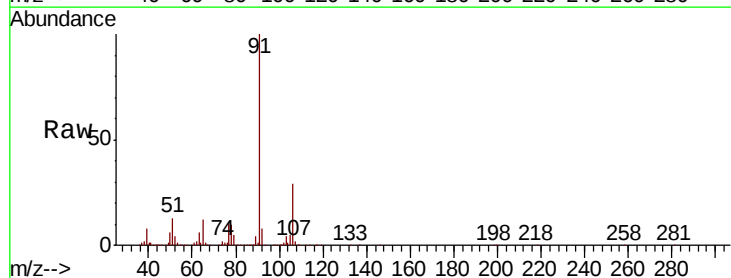
Abundance Ion 112.10 (111.80 to 112.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): VL0



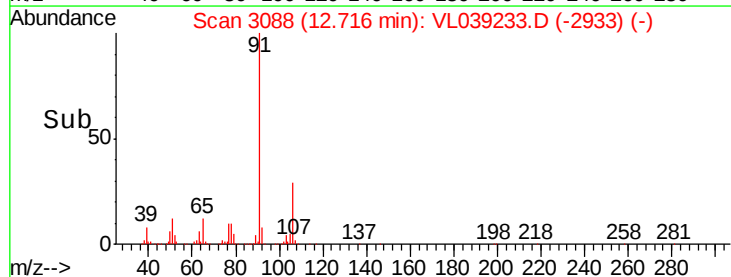
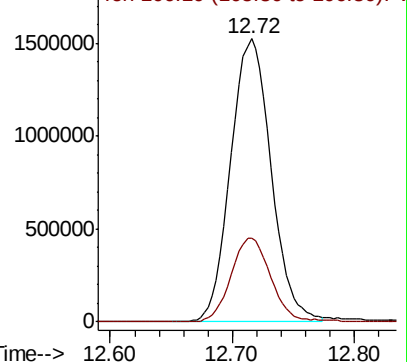
#58
Ethyl Benzene
Concen: 9.720 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

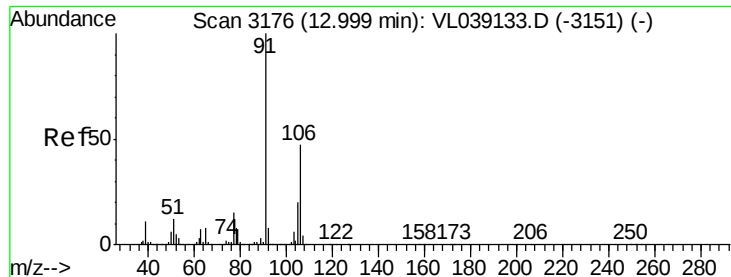
Tgt Ion: 91 Resp: 3504545

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.2	36.4



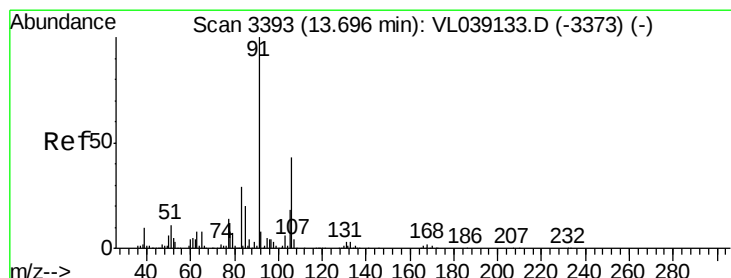
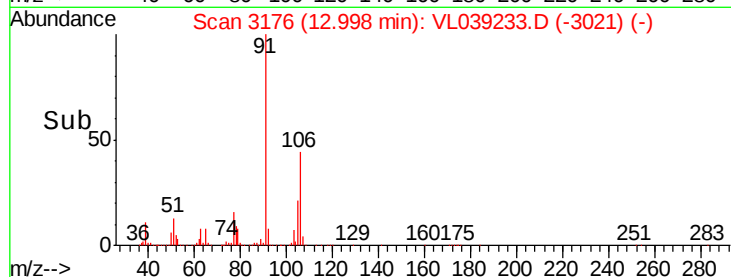
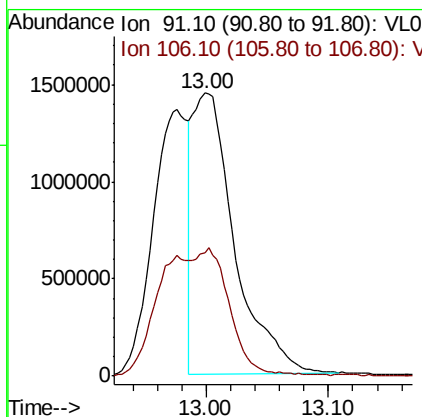
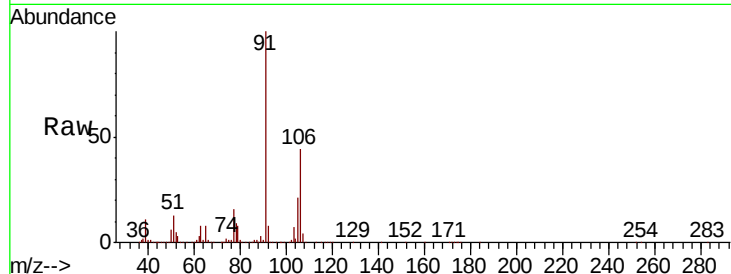
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): VL0





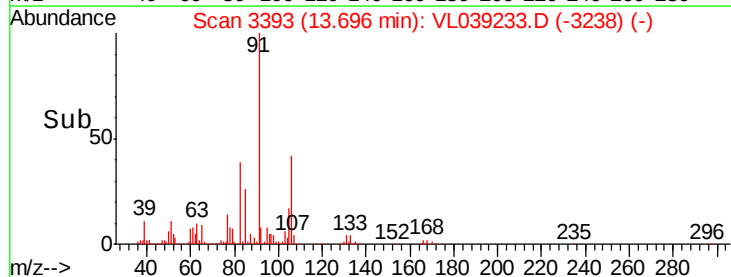
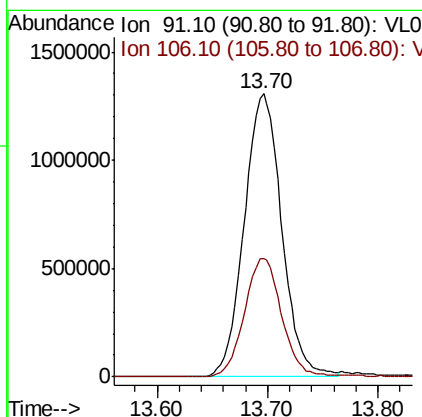
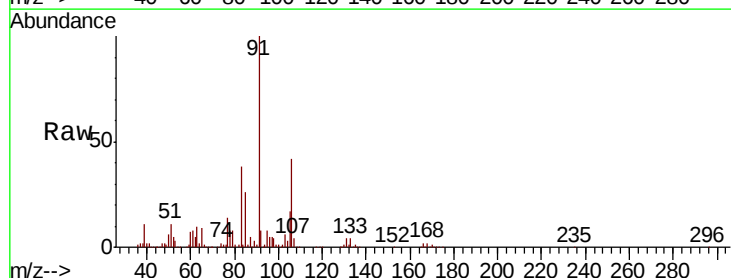
#59
m/p-Xylene
Concen: 10.730 ppbv
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0608ABS01
Acq: 8 Jun 2022 13:42

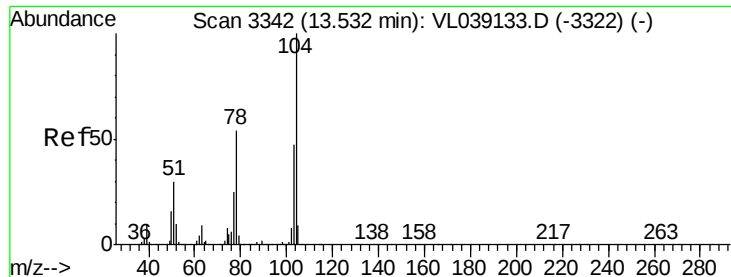
Tot Ion: 91 Resp: 3407058
Ion Ratio Lower Upper
91 100
106 76.6 34.3 51.5#



#60
o-Xylene
Concen: 10.337 ppbv
RT: 13.70 min Scan# 3393
Delta R.T.: -0.00 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

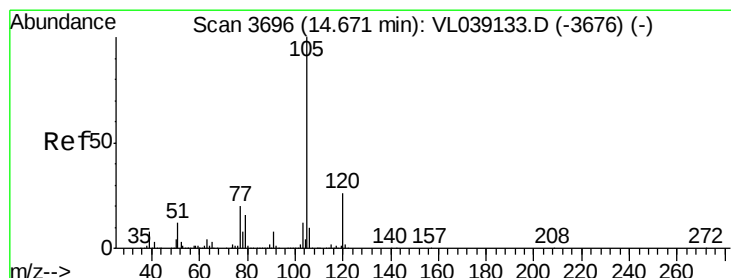
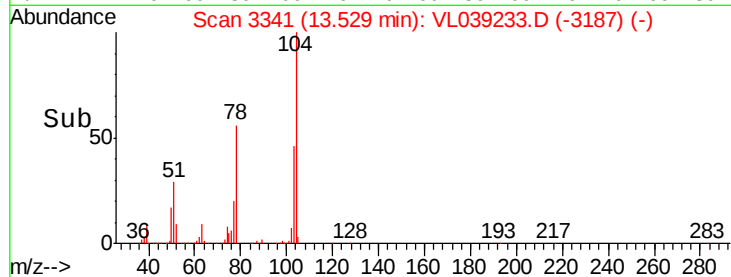
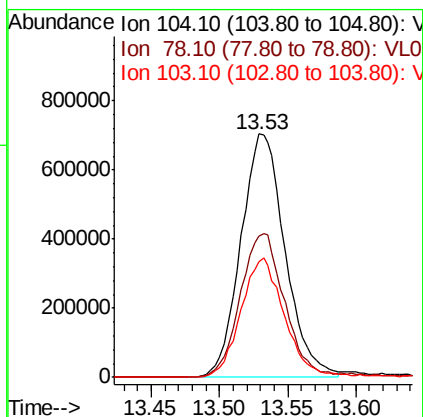
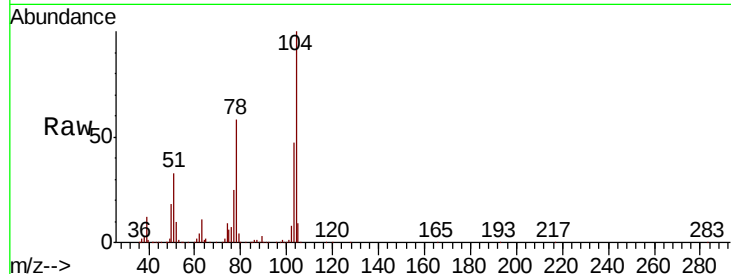
Tgt Ion: 91 Resp: 3084058
Ion Ratio Lower Upper
91 100
106 42.3 22.3 66.9





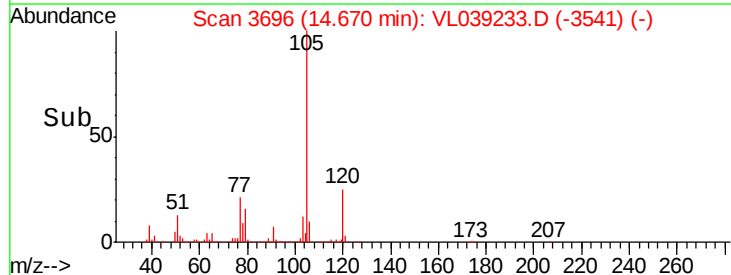
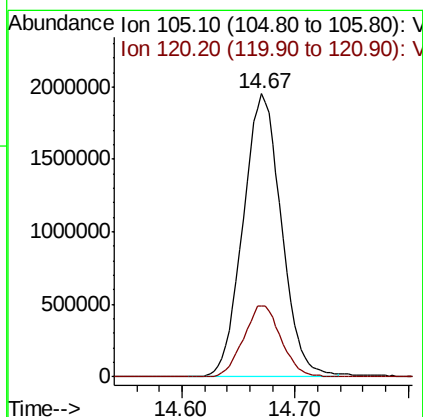
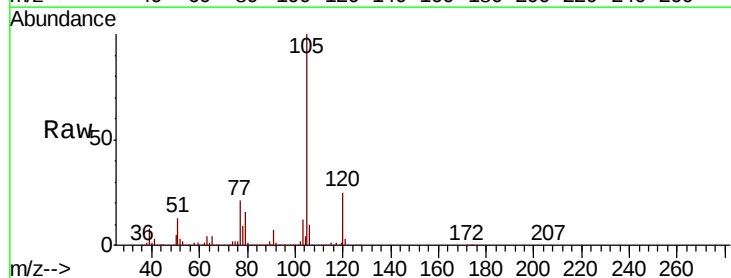
#61
Stvrene
Concen: 9.902 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0608ABS01
Acq: 8 Jun 2022 13:42

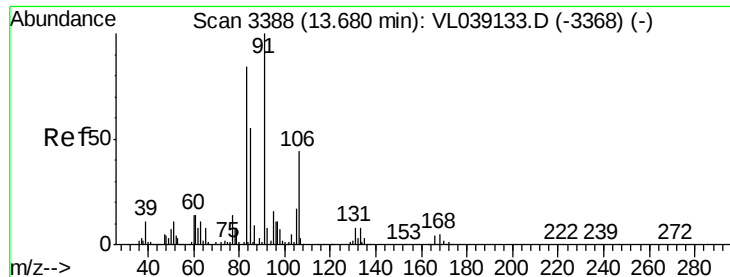
Tot Ion:104 Resp: 1582128
Ion Ratio Lower Upper
104 100
78 60.5 45.7 68.5
103 48.9 39.6 59.4



#62
Isopropylbenzene
Concen: 10.382 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. -0.00 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

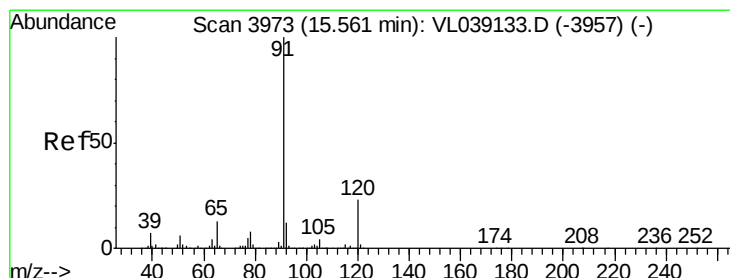
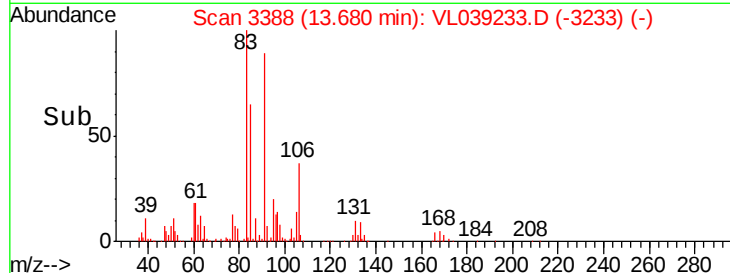
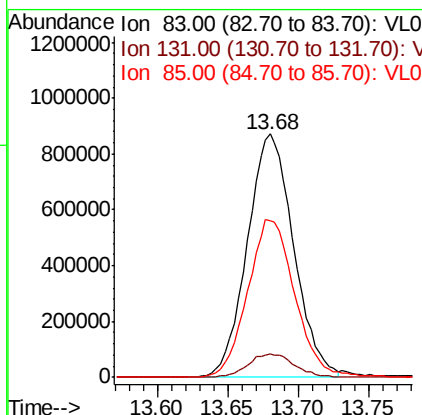
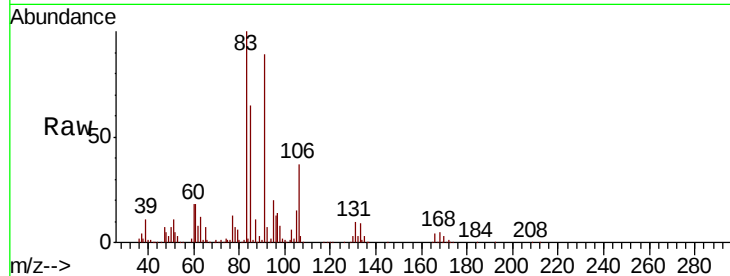
Tgt Ion:105 Resp: 4603813
Ion Ratio Lower Upper
105 100
120 25.0 20.3 30.5





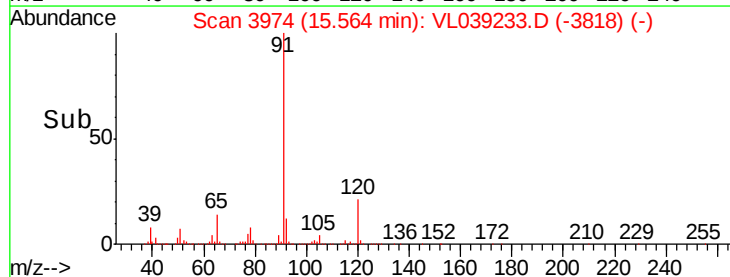
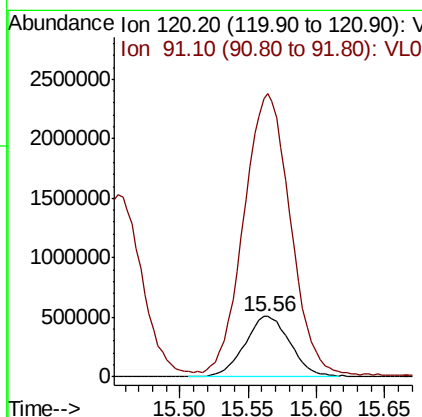
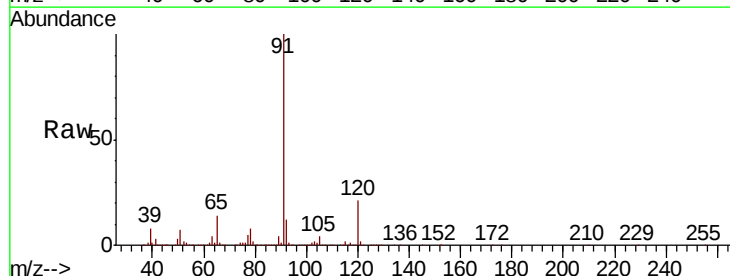
#63
 1,1,2,2-Tetrachloroethane
 Concen: 11.913 ppbv
 RT: 13.68 min
 Delta R.T. 0.00 min
 Lab File: VL0608ABS01
 Acq: 8 Jun 2022 13:42

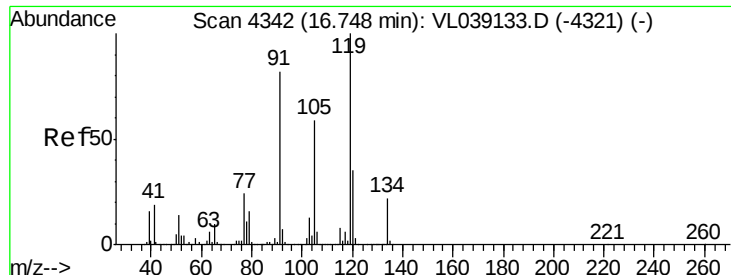
Tot Ion: 83 Resp: 1995035
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.8 14.3
 85 66.5 33.0 99.0



#64
 n-propylbenzene
 Concen: 10.741 ppbv
 RT: 15.56 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

Tgt Ion:120 Resp: 1170884
 Ion Ratio Lower Upper
 120 100
 91 491.6 388.4 582.6

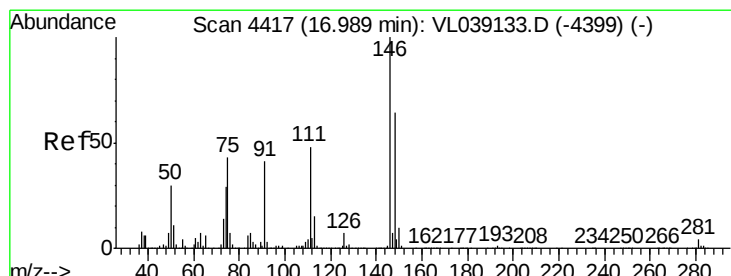
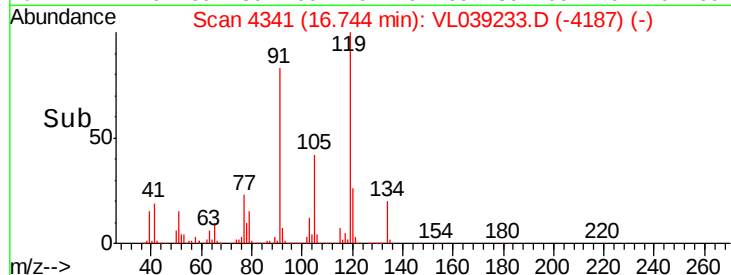
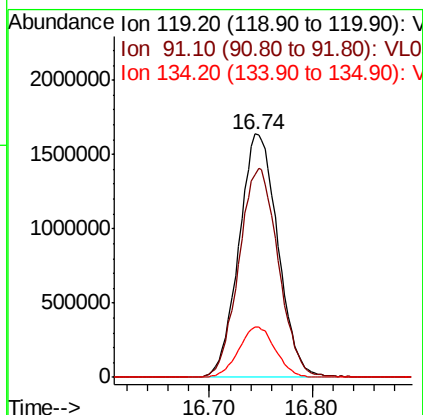
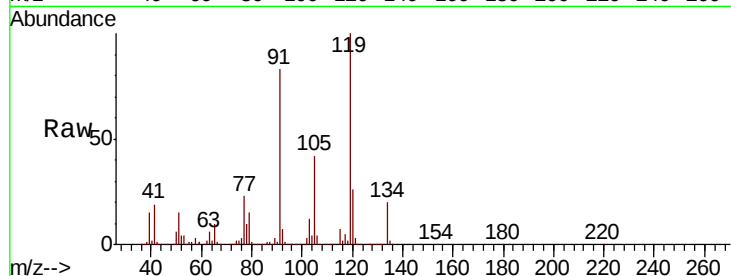




#65
 tert-Butylbenzene
 Concen: 10.580 ppbv
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID:
 Lab File: VL0608ABS01
 Acq: 8 Jun 2022 13:42

Tot Ion: 119 Resp: 4290172

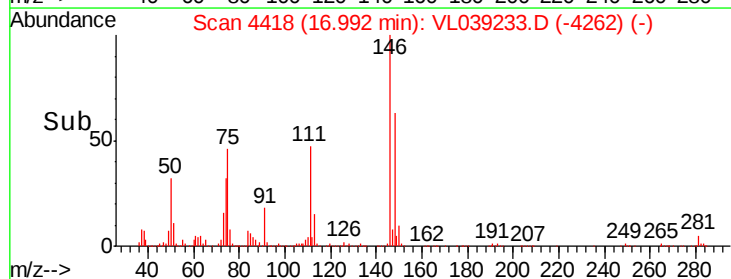
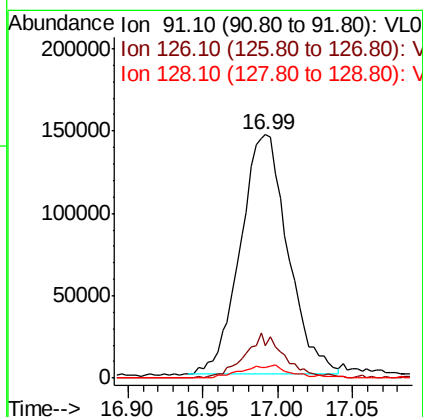
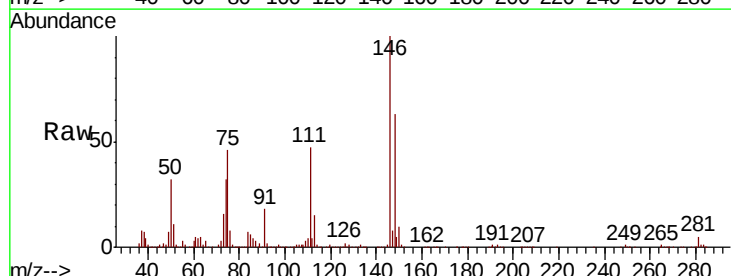
Ion	Ratio	Lower	Upper
119	100		
91	87.3	67.1	100.7
134	19.6	15.8	23.8

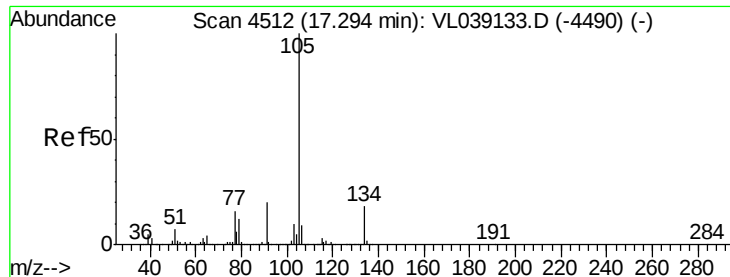


#66
 Benzyl Chloride
 Concen: 6.087 ppbv
 RT: 16.99 min Scan# 4418
 Delta R.T.: 0.00 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

Tgt Ion: 91 Resp: 320958

Ion	Ratio	Lower	Upper
91	100		
126	16.3	13.4	20.0
128	5.7	4.1	6.1





#67

sec-Butylbenzene

Concen: 10.725 ppbv

RT: 17.29 min

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

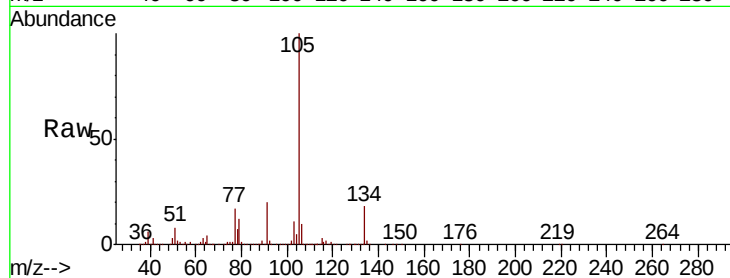
Acq: 8 Jun 2022 13:42

Tot Ion: 105 Resp: 5933856

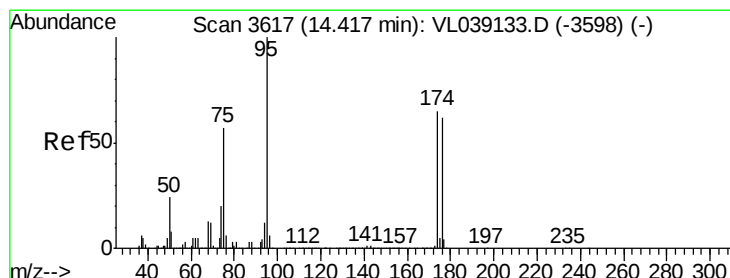
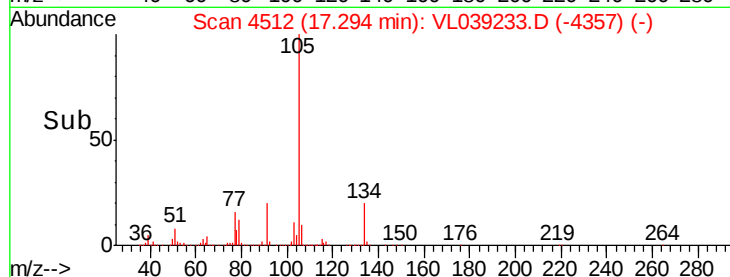
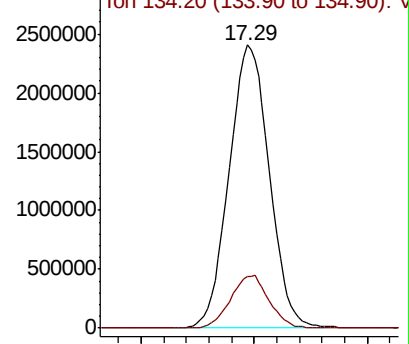
Ion Ratio Lower Upper

105 100

134 18.0 14.4 21.6



Abundance Ion 105.10 (104.80 to 105.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 11.024 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.00 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

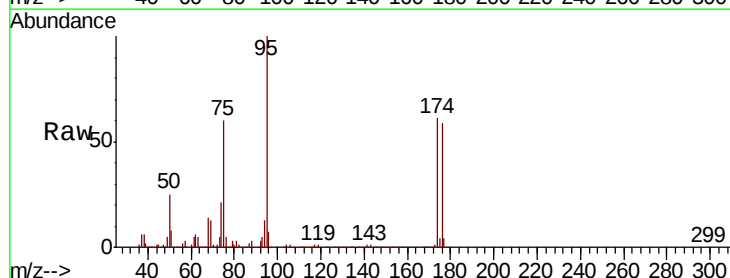
Tgt Ion: 95 Resp: 2385702

Ion Ratio Lower Upper

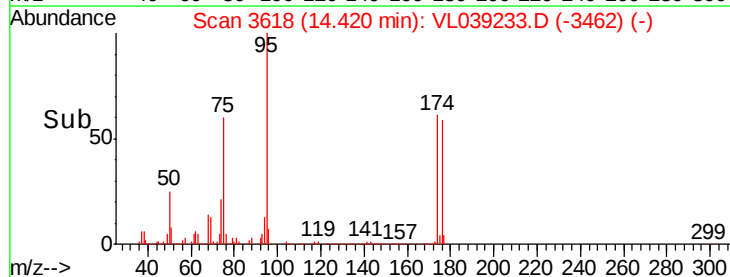
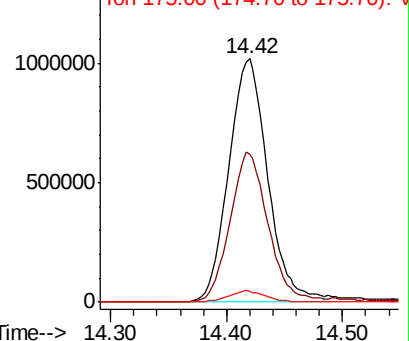
95 100

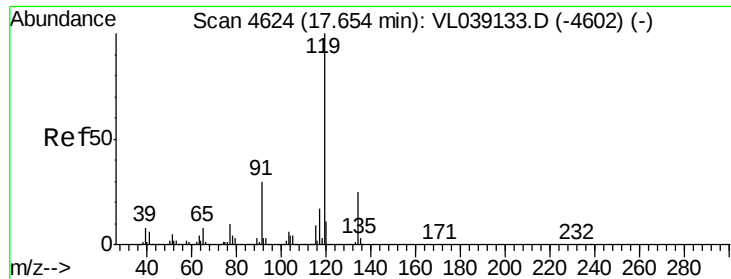
174 62.4 53.8 80.8

175 4.6 4.1 6.1



Abundance Ion 95.10 (94.80 to 95.80): VL0

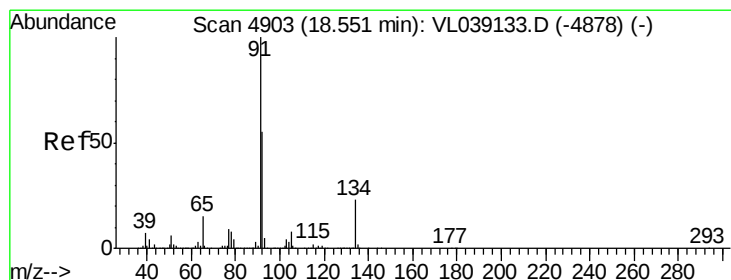
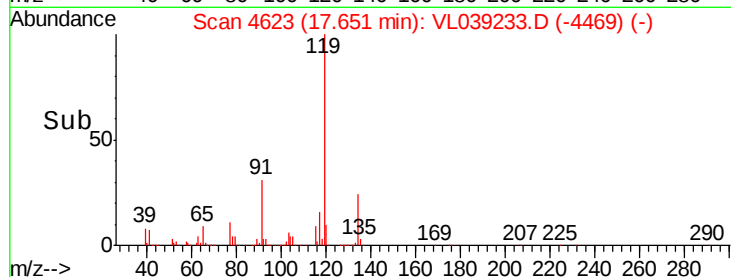
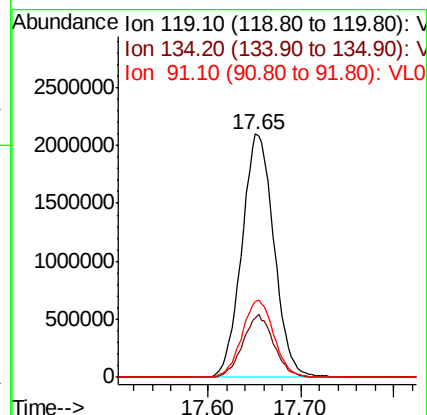
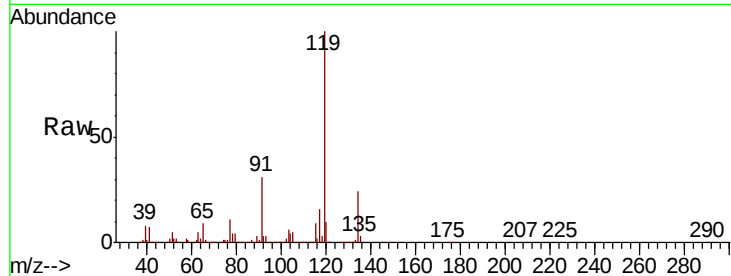




#69
 p-Isopropyltoluene
 Concen: 10.809 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0608ABS01
 Acq: 8 Jun 2022 13:42

Tot Ion: 119 Resp: 5045743

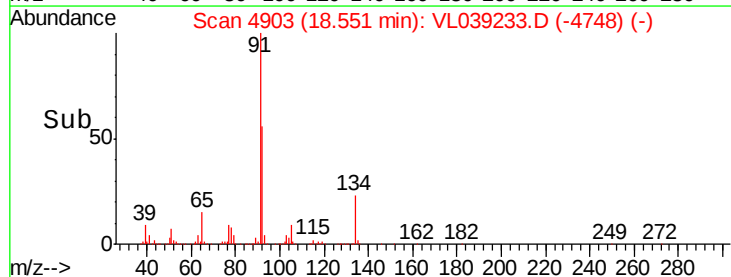
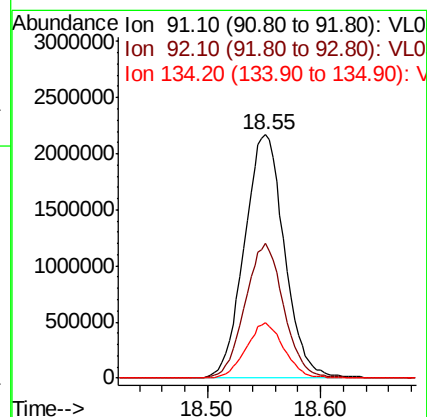
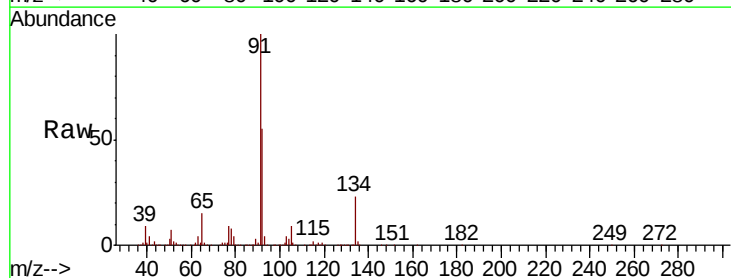
Ion	Ratio	Lower	Upper
119	100		
134	24.7	20.4	30.6
91	31.7	24.2	36.4

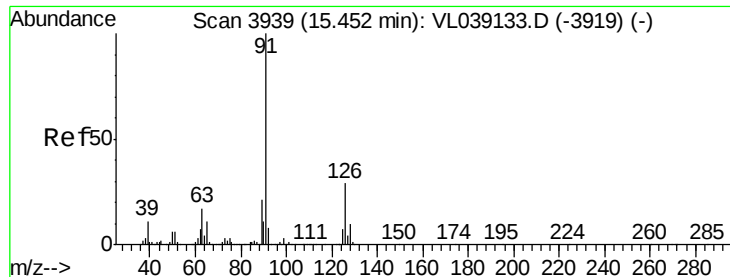


#70
 n-Butylbenzene
 Concen: 11.117 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T. -0.00 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

Tgt Ion: 91 Resp: 5326611

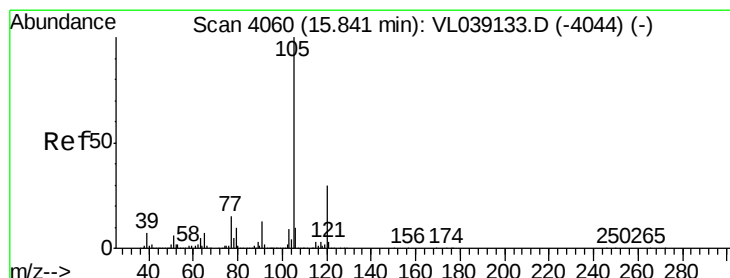
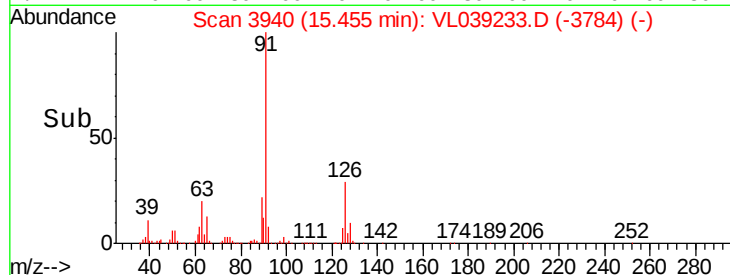
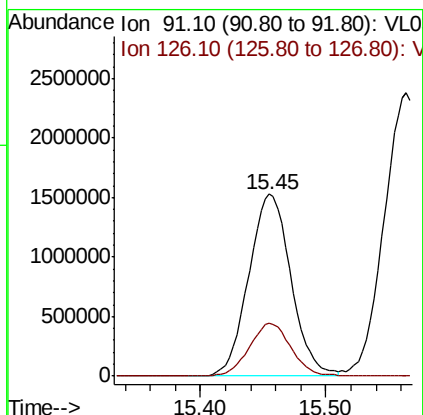
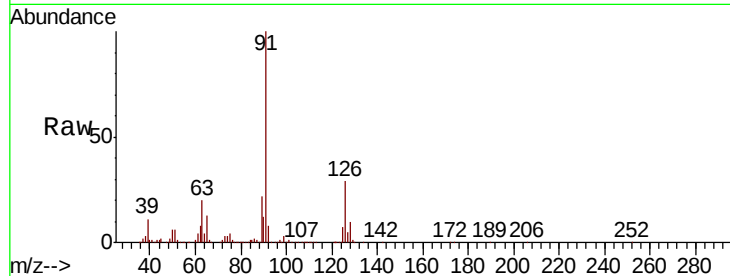
Ion	Ratio	Lower	Upper
91	100		
92	53.6	43.6	65.4
134	21.6	17.7	26.5





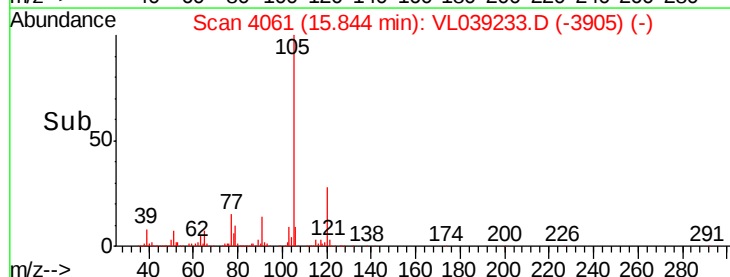
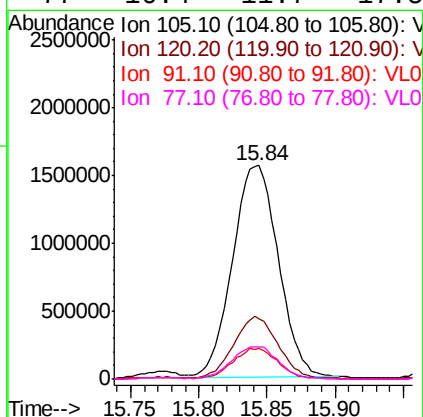
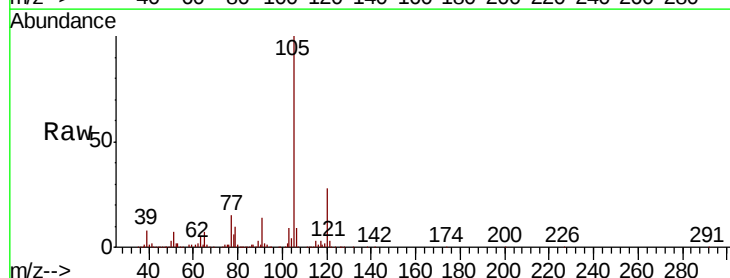
#71
 2-Chlorotoluene
 Concen: 10.595 ppbv
 RT: 15.45 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0608ABS01
 Acq: 8 Jun 2022 13:42

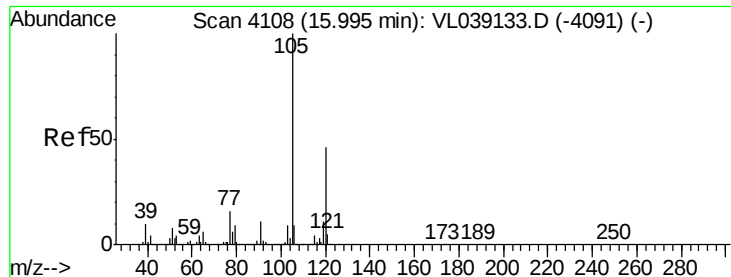
Tot Ion: 91 Resp: 3582857
 Ion Ratio Lower Upper
 91 100
 126 29.3 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 10.428 ppbv
 RT: 15.84 min Scan# 4061
 Delta R.T.: 0.00 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

Tgt Ion: 105 Resp: 3646395
 Ion Ratio Lower Upper
 105 100
 120 29.1 23.9 35.9
 91 13.7 10.6 16.0
 77 16.4 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 10.631 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

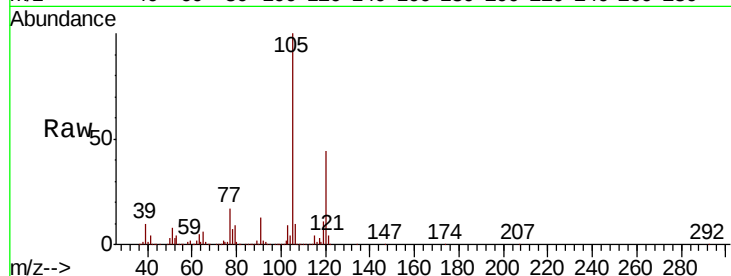
Acq: 8 Jun 2022 13:42

Tot Ion:105 Resp: 3352991

Ion Ratio Lower Upper

105 100

120 44.1 36.7 55.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

1500000

1000000

500000

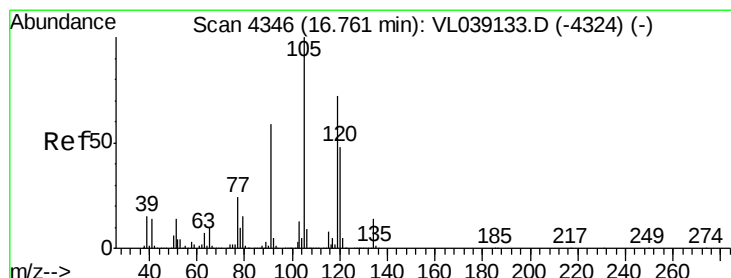
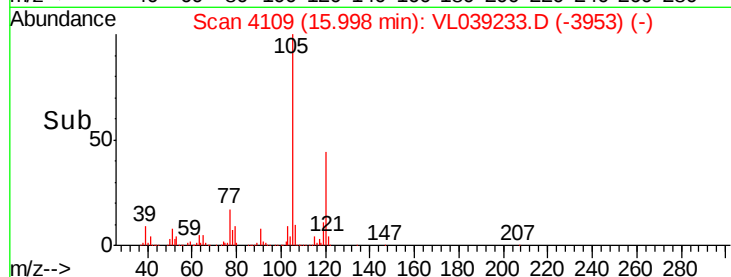
0

Time-->

15.90

16.00

16.10



#74

1,2,4-Trimethylbenzene

Concen: 10.644 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.00 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

Tgt Ion:105 Resp: 3746371

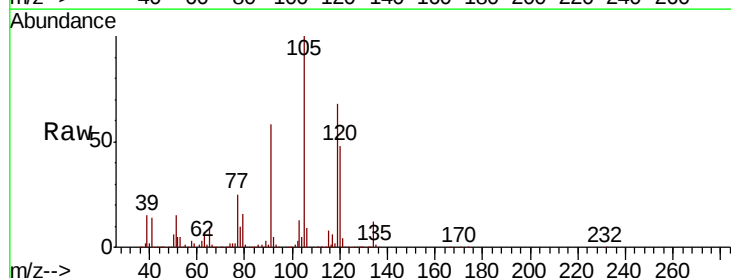
Ion Ratio Lower Upper

105 100

120 47.8 38.1 57.1

91 58.3 47.4 71.0

77 25.1 19.5 29.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

2500000

2000000

1500000

1000000

500000

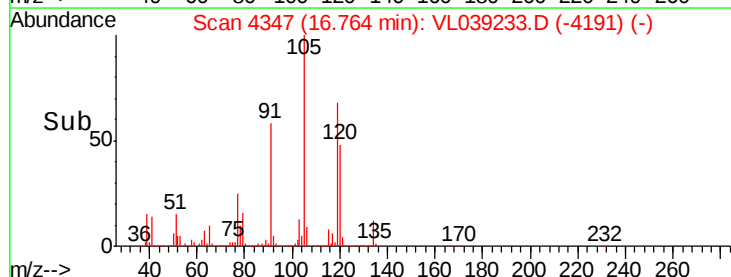
0

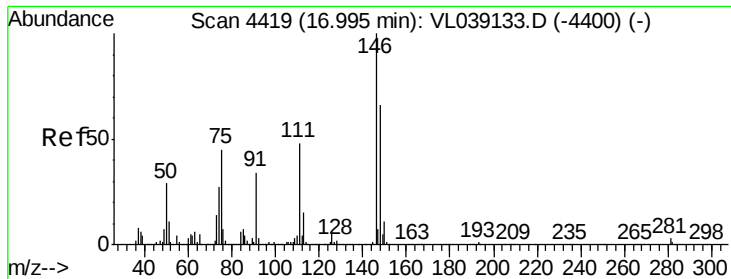
Time-->

16.70

16.80

16.90





#75

1,3-Dichlorobenzene

Concen: 10.481 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Jun 2022 13:42

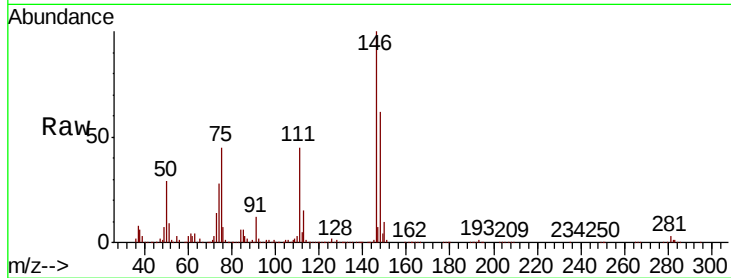
Tot Ion:146 Resp: 2088082

Ion Ratio Lower Upper

146 100

111 48.6 23.8 71.4

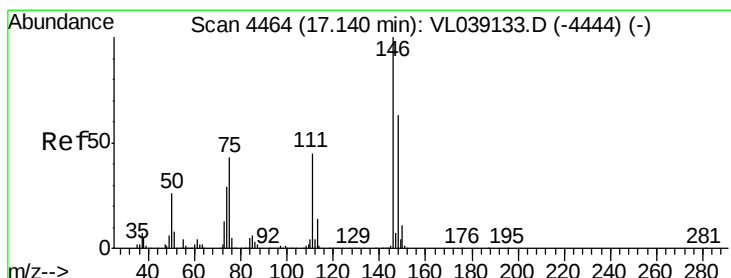
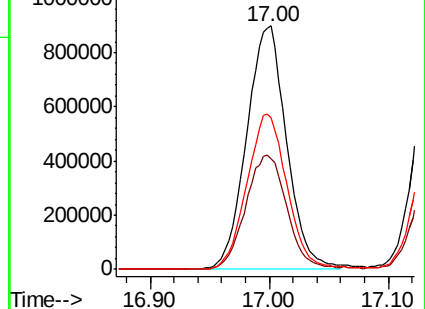
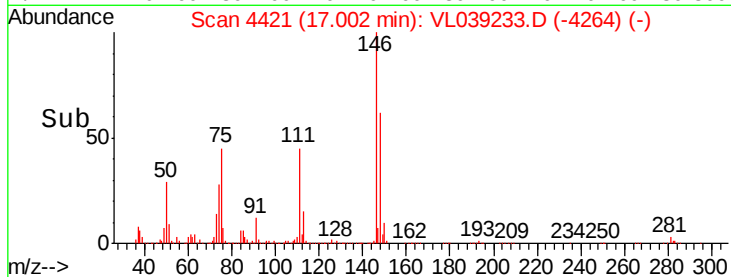
148 64.3 32.4 97.0



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: 10.105 ppbv

RT: 17.14 min Scan# 4464

Delta R.T. -0.00 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

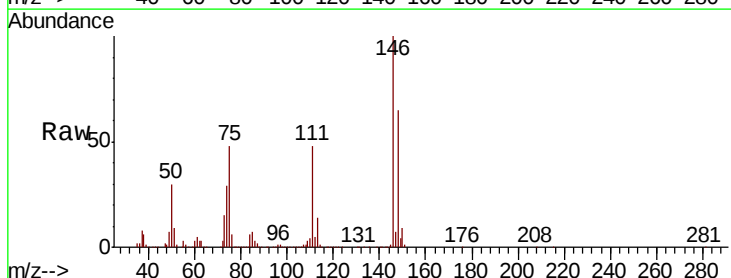
Tgt Ion:146 Resp: 2008539

Ion Ratio Lower Upper

146 100

111 48.6 23.6 71.0

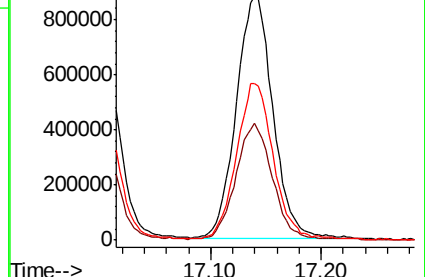
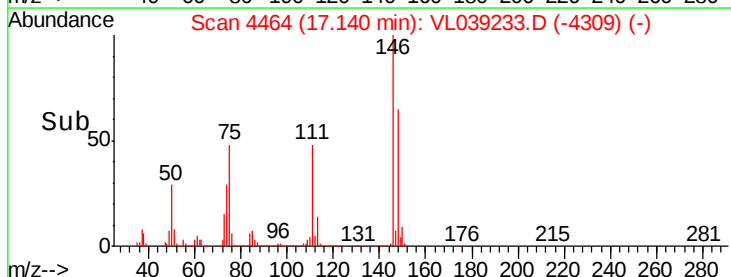
148 66.2 33.7 101.0

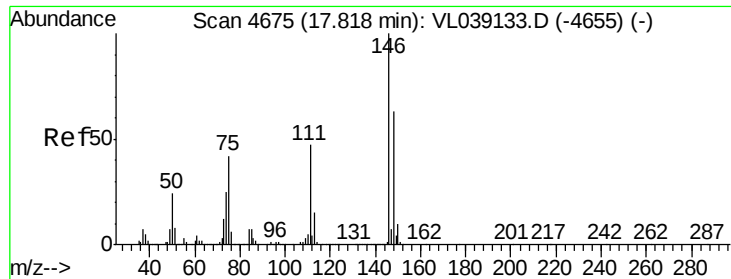


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

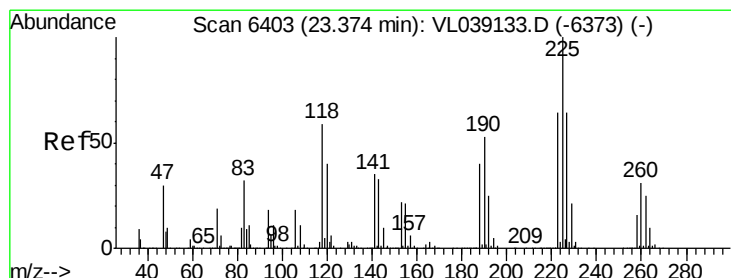
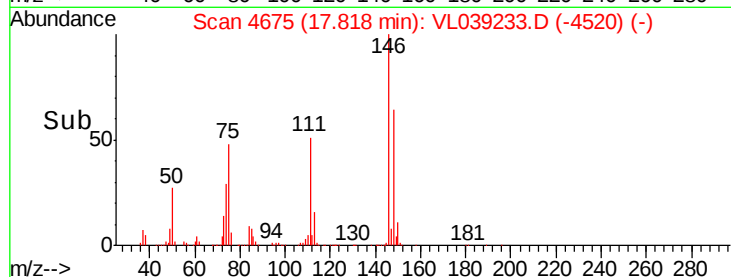
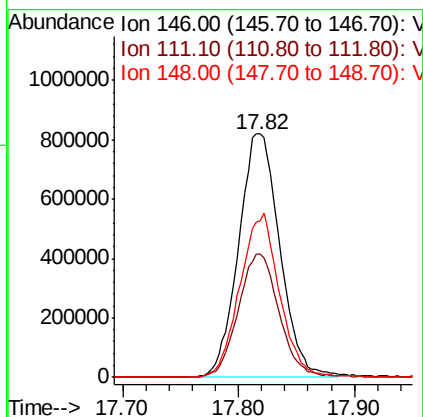
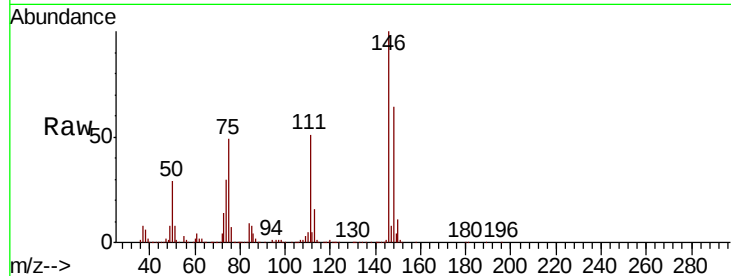
Ion 148.00 (147.70 to 148.70): V





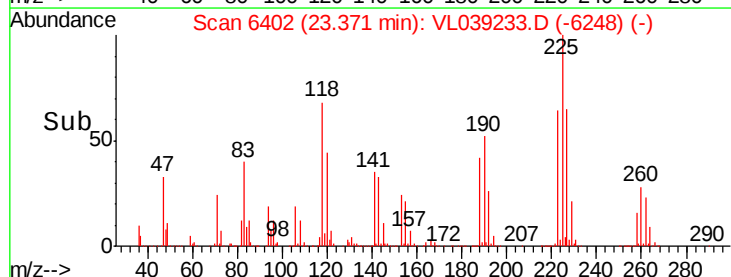
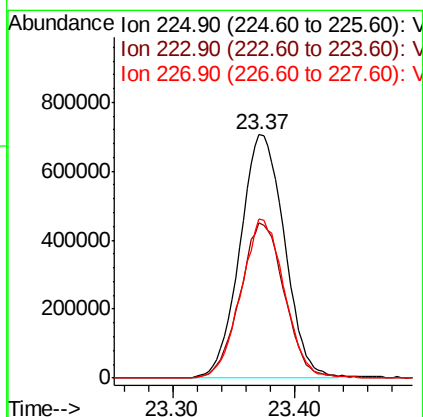
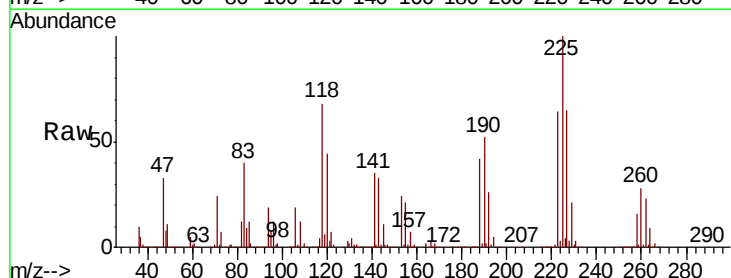
#77
 1,2-Dichlorobenzene
 Concen: 10.063 ppbv
 RT: 17.82
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0608ABS01
 Acq: 8 Jun 2022 13:42

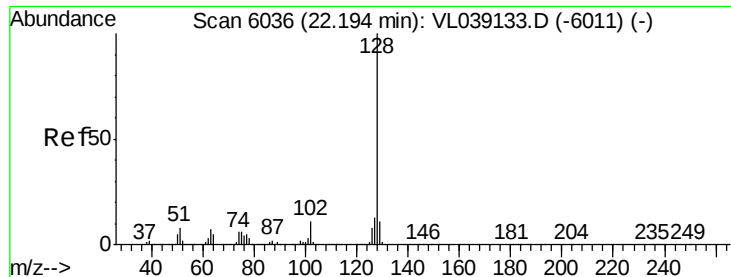
Tot Ion:146 Resp: 2020511
 Ion Ratio Lower Upper
 146 100
 111 50.6 24.4 73.4
 148 64.8 32.1 96.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.696 ppbv
 RT: 23.37 min Scan# 6402
 Delta R.T.: -0.00 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

Tgt Ion:225 Resp: 1780289
 Ion Ratio Lower Upper
 225 100
 223 63.7 51.4 77.0
 227 64.1 50.6 75.8





#79

Naphthalene

Concen: 10.892 ppbv

RT: 22.19 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Jun 2022 13:42

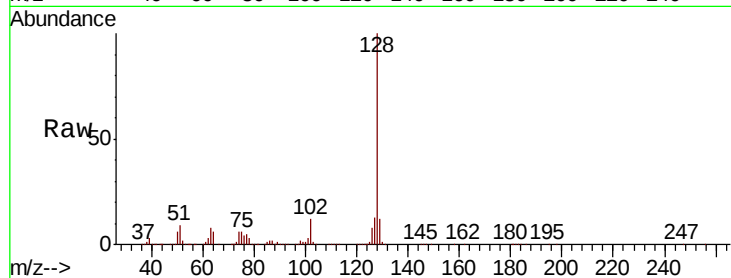
Tot Ion:128 Resp: 2951222

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

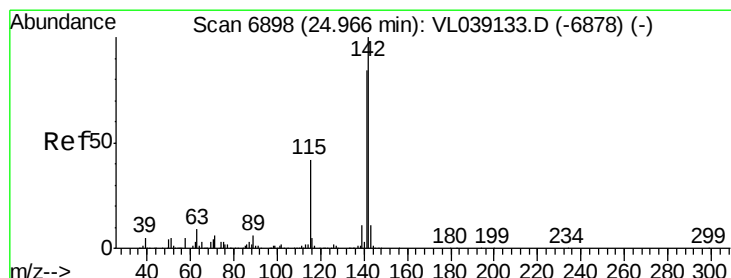
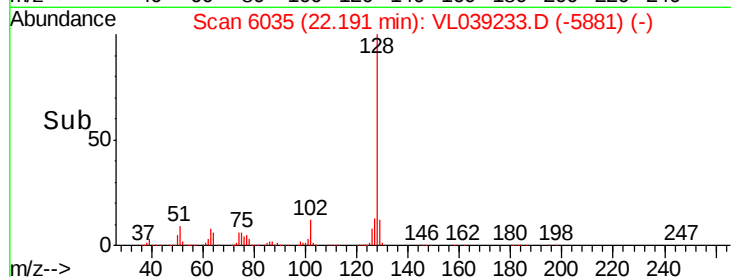
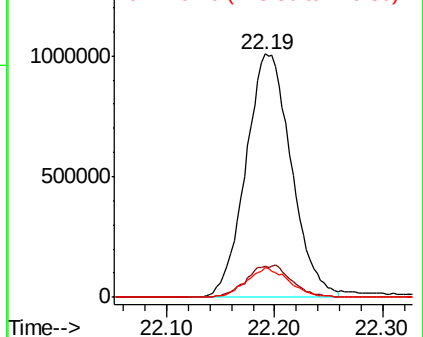
129 12.1 9.0 13.6



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: 7.295 ppbv

RT: 24.97 min Scan# 6899

Delta R.T. 0.00 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

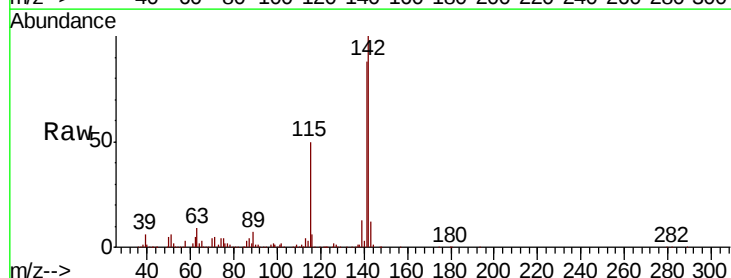
Tgt Ion:142 Resp: 734323

Ion Ratio Lower Upper

142 100

141 85.2 64.6 96.8

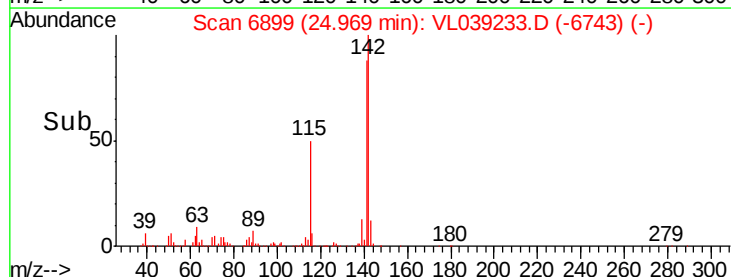
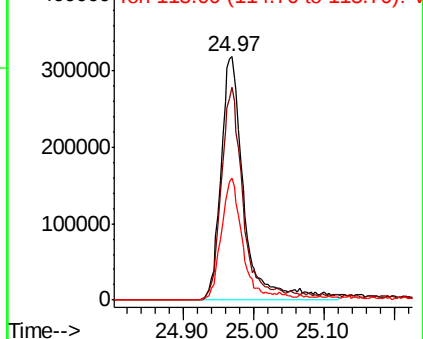
115 48.3 32.7 49.1

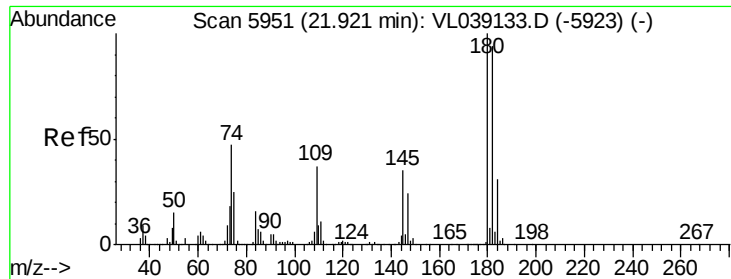


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

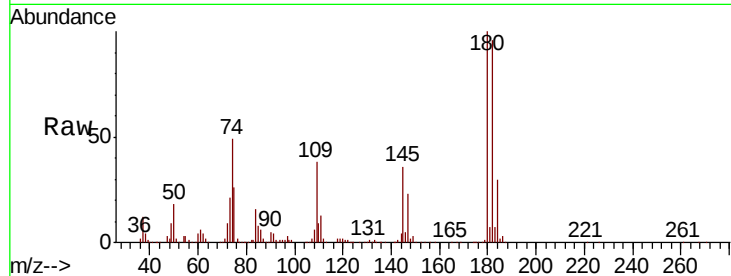
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 9.889 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0608ABS01
 Acq: 8 Jun 2022 15:42

Tot Ion:180 Resp: 1697486
 Ion Ratio Lower Upper
 180 100
 182 97.2 0.0 0.0#
 184 30.6 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

