

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071922\
 Data File : VL039507.D
 Acq On : 20 Jul 2022 10:47
 Operator : SY/AP
 Sample : VL0719ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0719ABS02

Quant Time: Jul 21 05:28:25 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	960589	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	2735386	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3332407	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2116713	8.56	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1000327	7.220	ppbv 100
3) Chlorodifluoromethane	3.00	51	1247293	10.235	ppbv 99
4) Chloromethane	3.15	50	682476	10.239	ppbv 98
5) Vinyl Chloride	3.27	62	652385	9.926	ppbv 97
6) Bromomethane	3.48	94	307603	11.120	ppbv 90
7) Chloroethane	3.57	64	252018	10.780	ppbv 97
8) Dichlorotetrafluoroethane	3.20	85	1441772	9.526	ppbv 99
9) Propene	3.02	41	513076	9.322	ppbv 100
10) Heptane	8.13	43	1416433	10.988	ppbv 100
11) Trichlorofluoromethane	3.96	101	1680129	10.882	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1209340	10.507	ppbv 100
13) Ethanol	3.60	45	20850	6.530	ppbv 59
14) Bromoethene	3.75	108	522414	10.796	ppbv 98
15) Acetone	3.85	43	1261141	11.097	ppbv 99
16) 1,3-Butadiene	3.34	39	638503	10.828	ppbv 99
17) tert-Butyl alcohol	4.29	59	1127555	11.690	ppbv 100
18) 1,1-Dichloroethene	4.30	96	545077	10.453	ppbv 98
19) Isopropyl Alcohol	3.96	45	656777	10.835	ppbv 98
20) Methylene Chloride	4.36	84	460428	10.165	ppbv 95
21) Allyl Chloride	4.42	41	839591	10.667	ppbv 100
22) trans-1,2-Dichloroethene	4.89	96	556202	11.019	ppbv 95
23) Vinyl Acetate	5.08	43	949214	12.498	ppbv 99
24) 1,1-Dichloroethane	5.02	63	1163971	10.852	ppbv 98
25) Ethyl Acetate	5.68	43	2563166	11.000	ppbv 100
26) Hexane	5.70	57	1099700	11.708	ppbv 100
27) Carbon Disulfide	4.56	76	1314767	11.596	ppbv 100
28) Methyl tert-Butyl Ether	5.04	73	1095228	10.905	ppbv 98
29) Chloroform	5.76	83	1773032	10.855	ppbv 99
30) Cyclohexane	7.14	84	936969	10.957	ppbv 98
31) cis-1,2-Dichloroethene	5.56	61	1088937	10.926	ppbv 99
32) 1,1,1-Trichloroethane	6.52	97	1799795	11.164	ppbv 99
34) 2-Butanone	5.25	43	1534886	11.147	ppbv 100
35) Carbon Tetrachloride	7.03	117	1932133	11.431	ppbv 100
36) Benzene	6.90	78	2260983	10.680	ppbv 96
37) 1,2-Dichloroethane	6.31	62	1358211	10.869	ppbv 99
38) Trichloroethene	7.84	130	1255107	10.961	ppbv 97
39) 1,2-Dichloropropane	7.63	63	835048	10.558	ppbv 95
40) 1,4-Dioxane	7.84	88	325099	10.315	ppbv # 1
41) Tetrahydrofuran	6.06	42	857193	10.743	ppbv 99
42) Bromodichloromethane	7.80	83	1935771	11.489	ppbv 99
43) Methyl Methacrylate	8.02	69	928849	11.539	ppbv 99

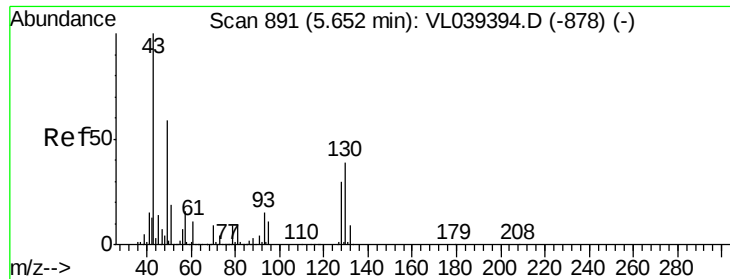
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071922\
 Data File : VL039507.D
 Acq On : 20 Jul 2022 10:47
 Operator : SY/AP
 Sample : VL0719ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS02

Quant Time: Jul 21 05:28:25 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	3775144	10.523	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	963889	13.449	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	1251992	12.691	ppbv	100
47) 1,1,2-Trichloroethane	9.49	97	967955	10.908	ppbv	98
48) Dibromochloromethane	10.32	129	1730716	12.271	ppbv	99
49) Bromoform	13.05	173	1445071	12.700	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	2399734	11.526	ppbv	99
51) 2-Hexanone	10.14	43	1877982	11.925	ppbv #	100
52) Tetrachloroethene	11.23	164	913941	10.724	ppbv	97
53) Toluene	9.82	91	2759324	11.300	ppbv	99
54) 1,2-Dibromoethane	10.62	107	1285310	11.640	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.14	131	1277971	8.681	ppbv	94
57) Chlorobenzene	12.16	112	2174101	8.415	ppbv	98
58) Ethyl Benzene	12.72	91	3761068	8.741	ppbv	99
59) m/p-Xylene	13.01	91	3254903	8.580	ppbv #	30
60) o-Xylene	13.70	91	3124240	8.697	ppbv	99
61) Styrene	13.54	104	1894353	9.735	ppbv	100
62) Isopropylbenzene	14.68	105	4645407	8.492	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	1440162	7.649	ppbv	99
64) n-propylbenzene	15.57	120	1227570	8.853	ppbv	99
65) tert-Butylbenzene	16.76	119	4282888	8.472	ppbv	99
66) Benzyl Chloride	17.00	91	249741	5.199	ppbv #	68
67) sec-Butylbenzene	17.30	105	5889166	8.649	ppbv	99
69) p-Isopropyltoluene	17.66	119	5090178	8.811	ppbv	100
70) n-Butylbenzene	18.56	91	4983414	8.887	ppbv	100
71) 2-Chlorotoluene	15.46	91	3428746	8.757	ppbv	100
72) 4-Ethyltoluene	15.85	105	3883397	9.195	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	3447955	8.889	ppbv	97
74) 1,2,4-Trimethylbenzene	16.77	105	3789611	8.831	ppbv	99
75) 1,3-Dichlorobenzene	17.00	146	2261271	8.834	ppbv	100
76) 1,4-Dichlorobenzene	17.15	146	2221599	8.757	ppbv	98
77) 1,2-Dichlorobenzene	17.83	146	2207174	8.699	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	1568405	7.686	ppbv	99
79) Naphthalene	22.21	128	3119481	10.563	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	1172918	11.670	ppbv	97
81) 1,2,4-Trichlorobenzene	21.93	180	1759759	9.149	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 20 Jul 2022 10:47

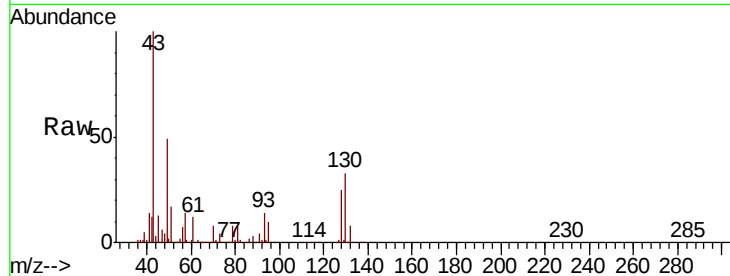
Tot Ion: 49 Resp: 960589

Ion Ratio Lower Upper

49 100

128 55.0 26.7 80.0

130 71.3 34.3 102.8



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

5.68

600000

500000

400000

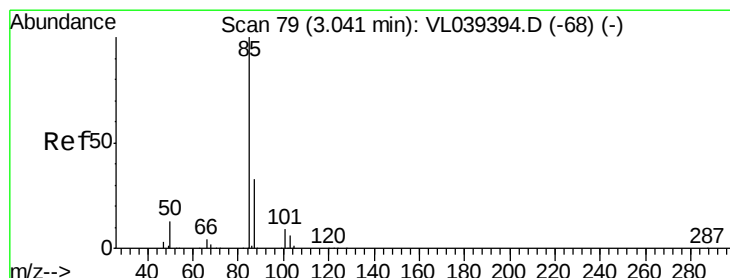
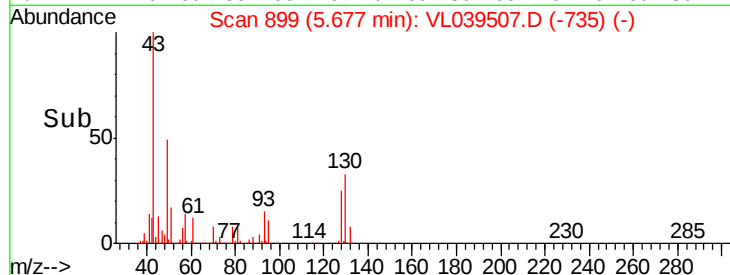
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 7.220 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.02 min

Lab File: VL039507.D

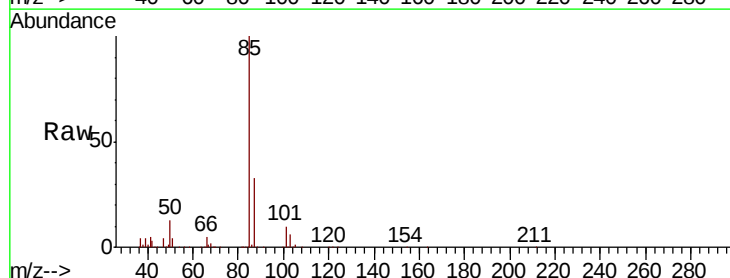
Acq: 20 Jul 2022 10:47

Tgt Ion: 85 Resp: 1000327

Ion Ratio Lower Upper

85 100

87 33.2 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.06

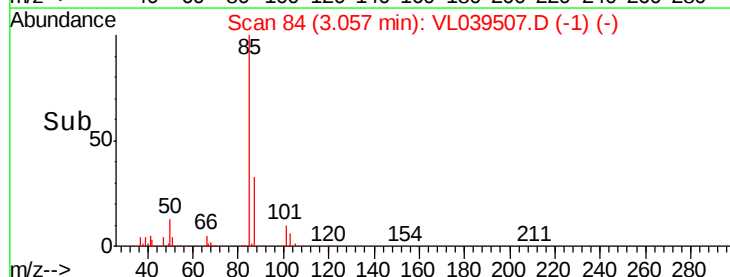
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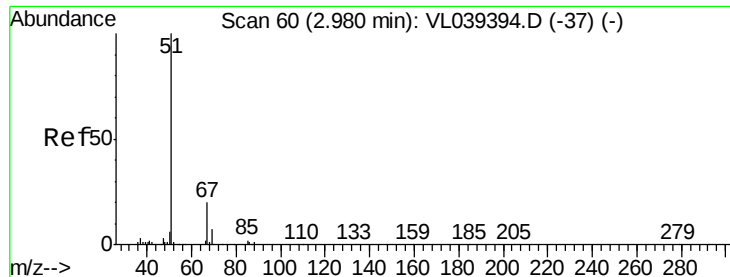
400000

200000

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Time-->





#3

Chlorodifluoromethane

Concen: 10.235 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

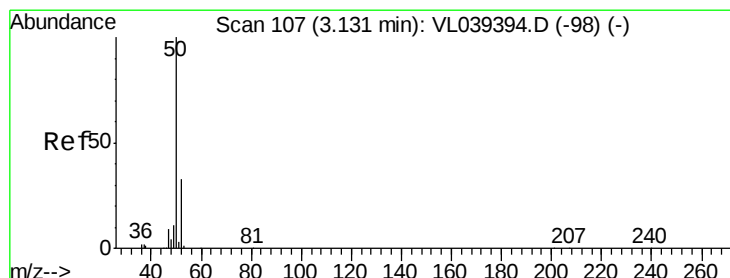
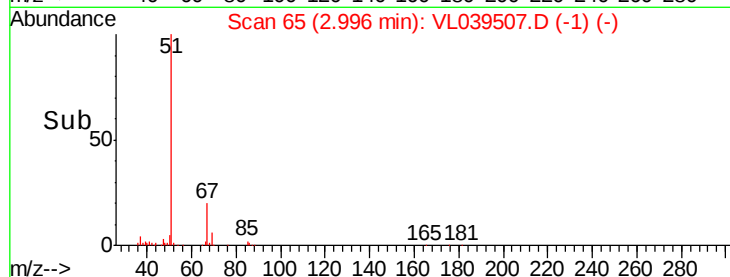
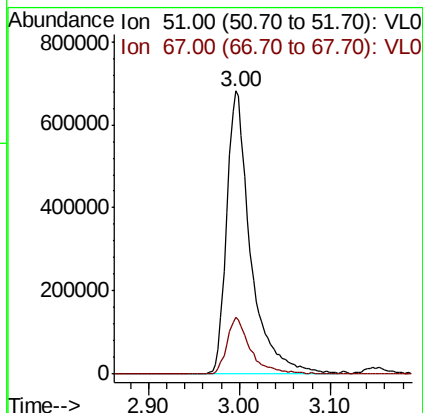
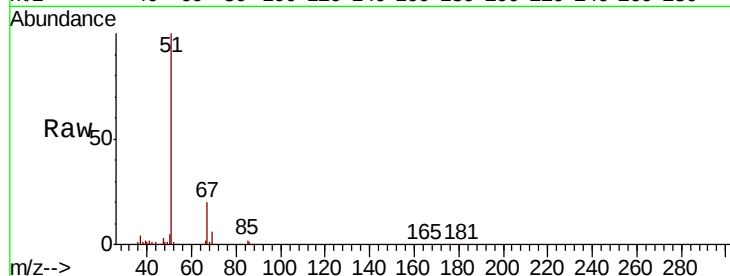
Acq: 20 Jul 2022 10:47

Tot Ion: 51 Resp: 1247293

Ion Ratio Lower Upper

51 100

67 20.0 15.7 23.5



#4

Chloromethane

Concen: 10.239 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.02 min

Lab File: VL039507.D

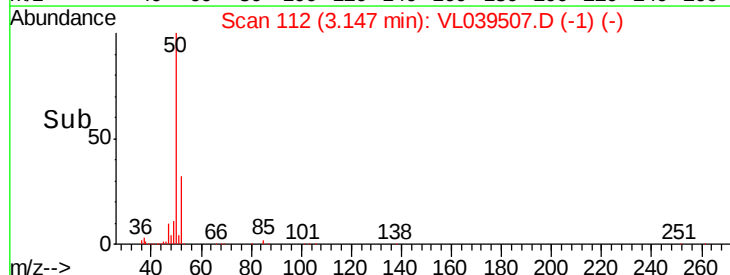
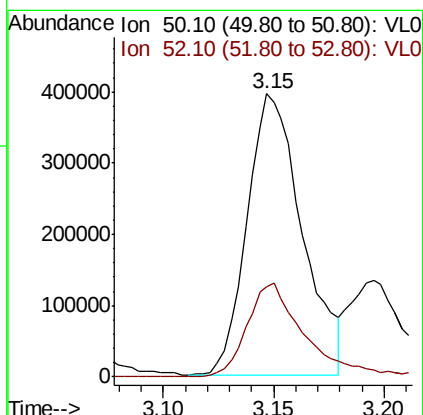
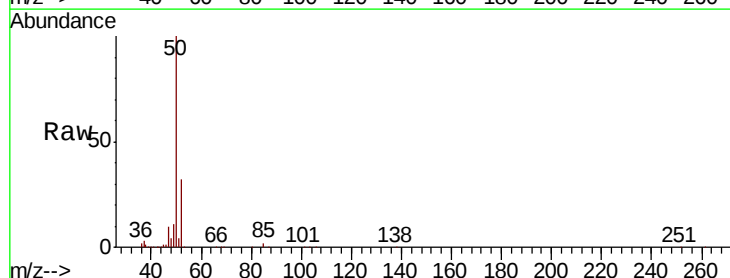
Acq: 20 Jul 2022 10:47

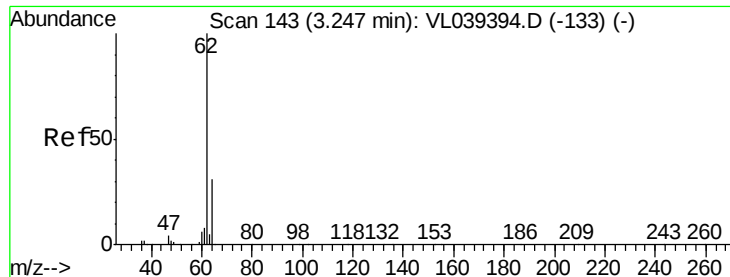
Tgt Ion: 50 Resp: 682476

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7





#5

Vinyl Chloride

Concen: 9.926 ppbv

RT: 3.27 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

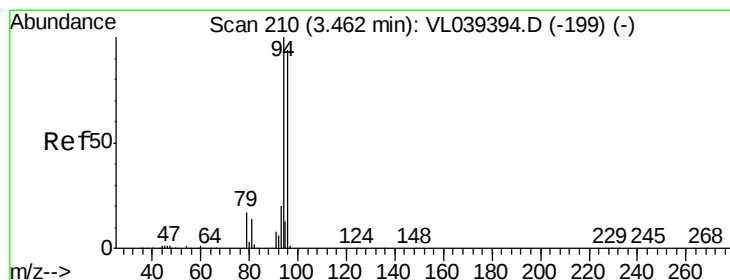
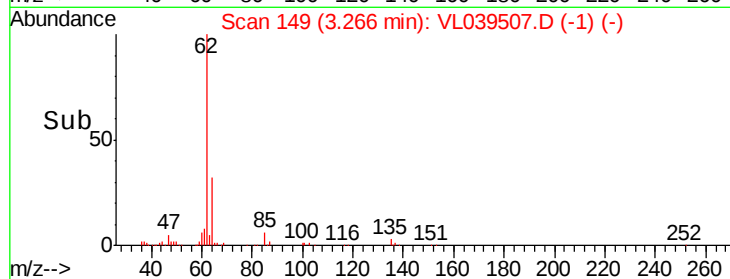
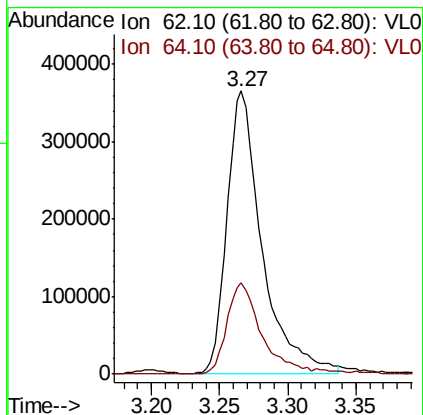
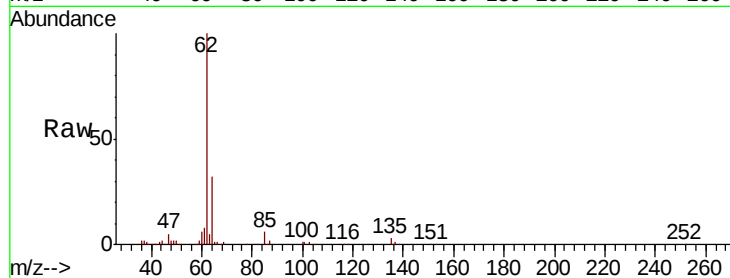
Acq: 20 Jul 2022 10:47

Tot Ion: 62 Resp: 652385

Ion Ratio Lower Upper

62 100

64 32.3 24.6 36.8



#6

Bromomethane

Concen: 11.120 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.02 min

Lab File: VL039507.D

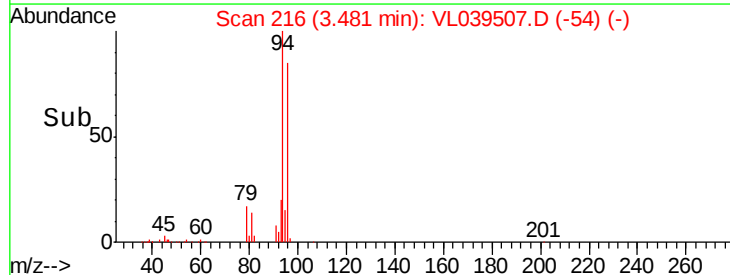
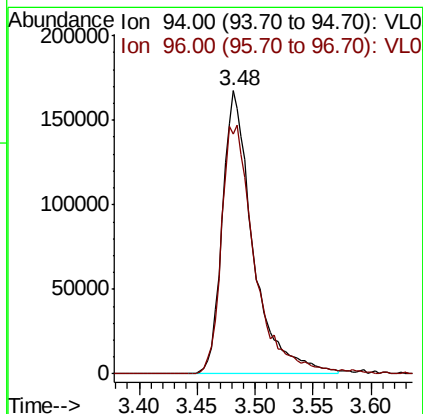
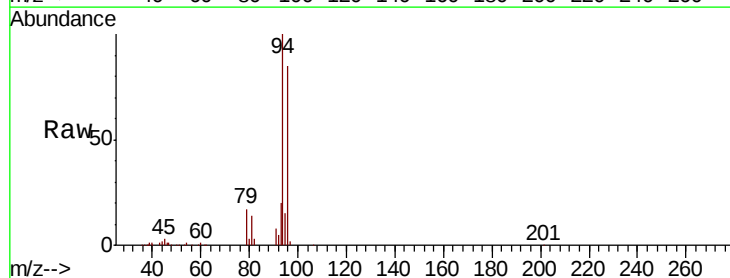
Acq: 20 Jul 2022 10:47

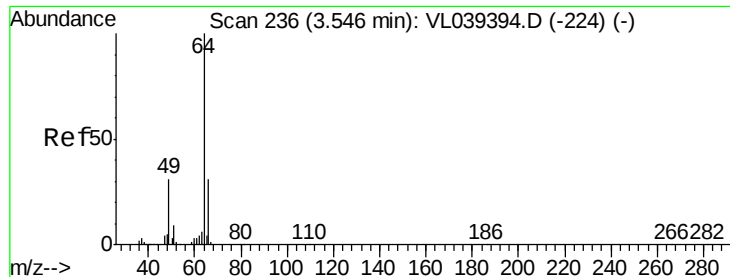
Tgt Ion: 94 Resp: 307603

Ion Ratio Lower Upper

94 100

96 84.8 75.6 113.4





#7

Chloroethane

Concen: 10.780 ppbv

RT: 3.57

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

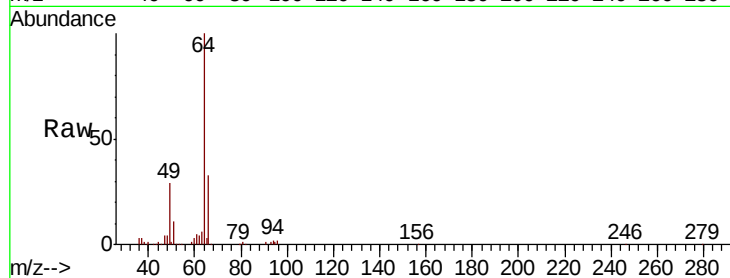
Acq: 20 Jul 2022 10:47

Tot Ion: 64 Resp: 252018

Ion Ratio Lower Upper

64 100

66 32.5 24.7 37.1



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.57

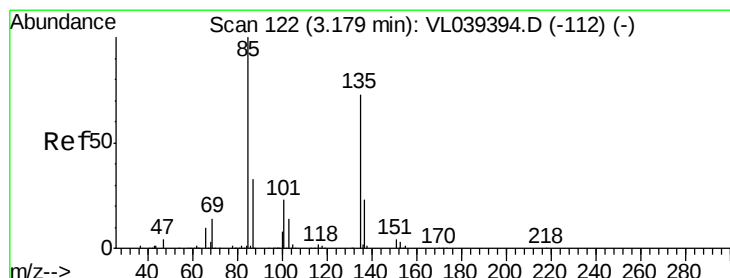
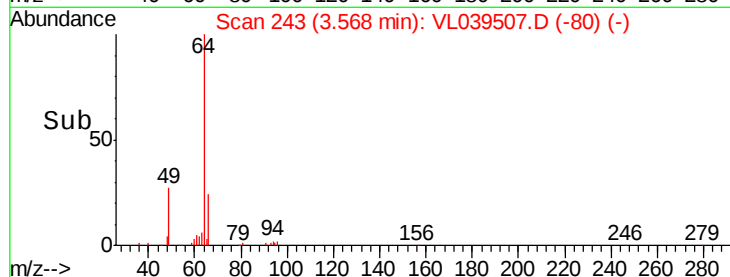
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.526 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.02 min

Lab File: VL039507.D

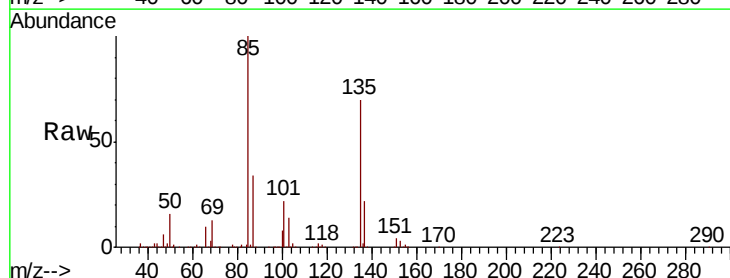
Acq: 20 Jul 2022 10:47

Tgt Ion: 85 Resp: 1441772

Ion Ratio Lower Upper

85 100

135 72.6 59.0 88.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

1000000

800000

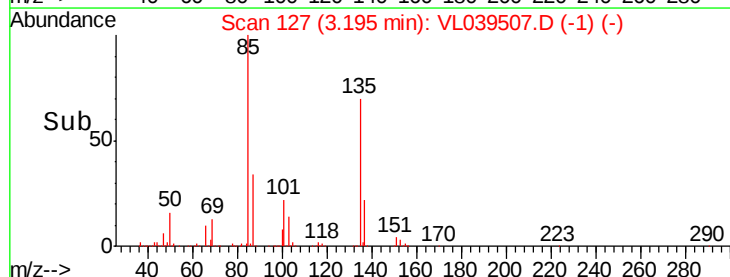
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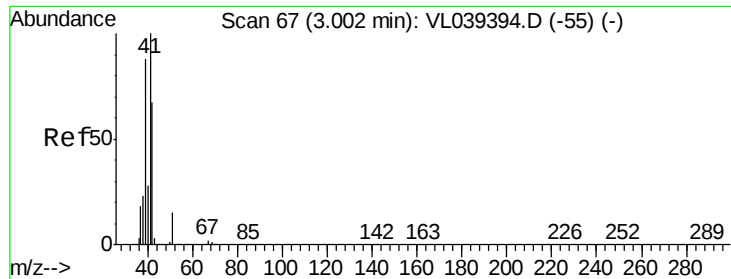
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200000

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Time-->





#9

Propene

Concen: 9.322 ppbv

RT: 3.02 Instrument: MSVOA_1

Delta R.T. 0.03 min

Lab File: VL0719ABS02 ClientSampleId:

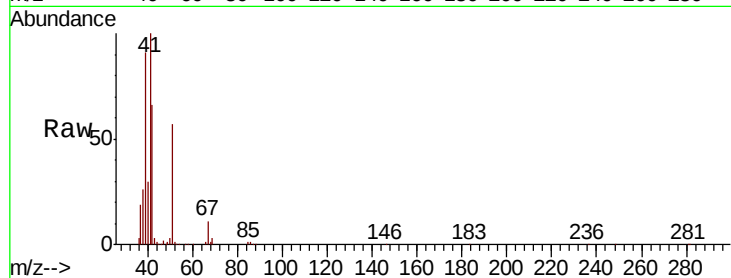
Acq: 20 Jul 2022 10:47

Tot Ion: 41 Resp: 513076

Ion Ratio Lower Upper

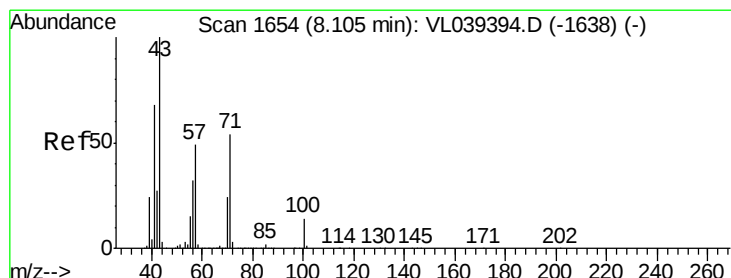
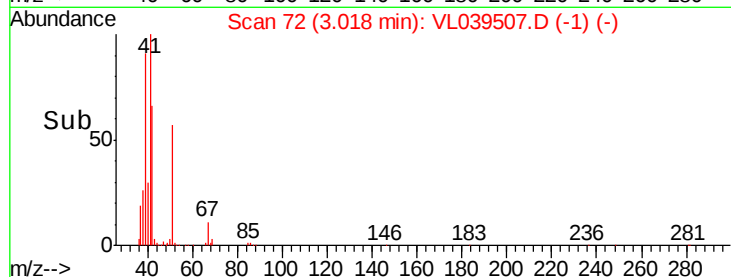
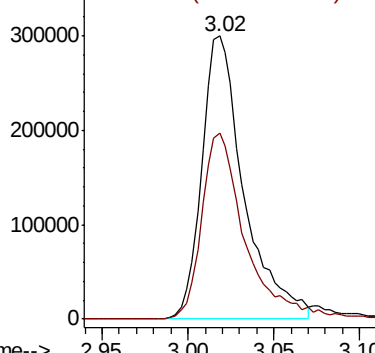
41 100

42 68.9 55.2 82.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 10.988 ppbv

RT: 8.13 min Scan# 1663

Delta R.T. 0.03 min

Lab File: VL039507.D

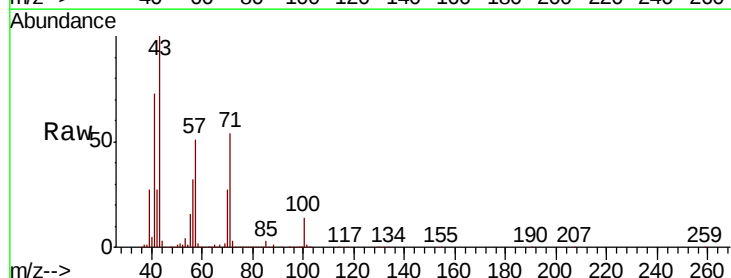
Acq: 20 Jul 2022 10:47

Tgt Ion: 43 Resp: 1416433

Ion Ratio Lower Upper

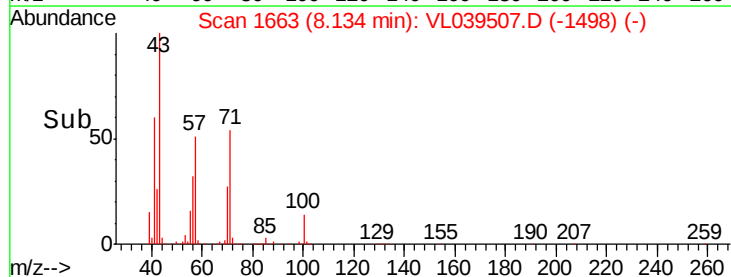
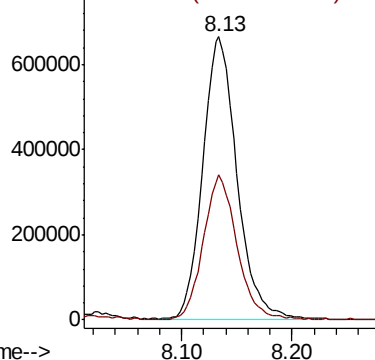
43 100

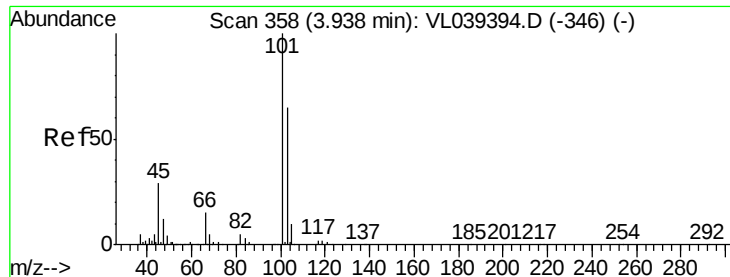
57 50.8 40.5 60.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

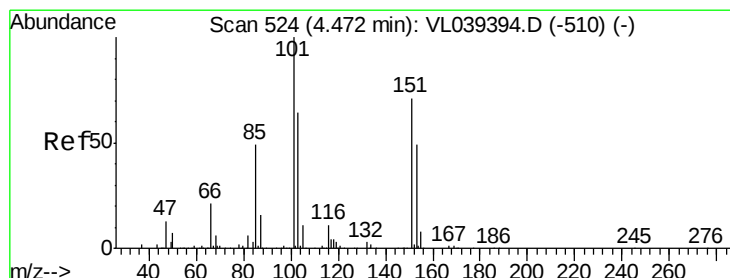
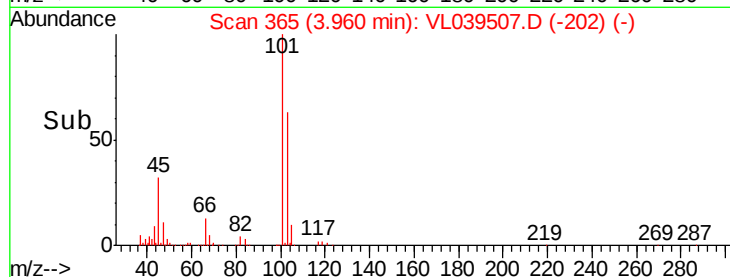
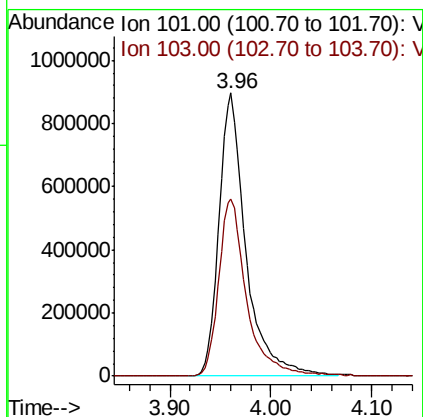
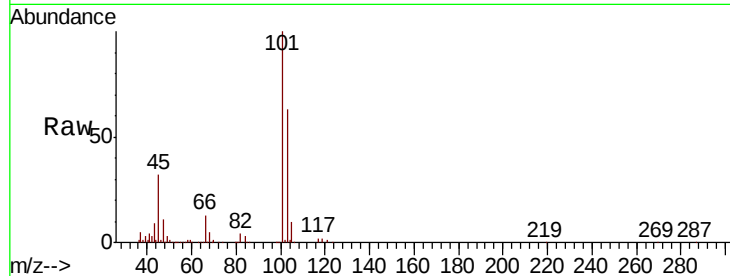
Ion 57.10 (56.80 to 57.80): VL0





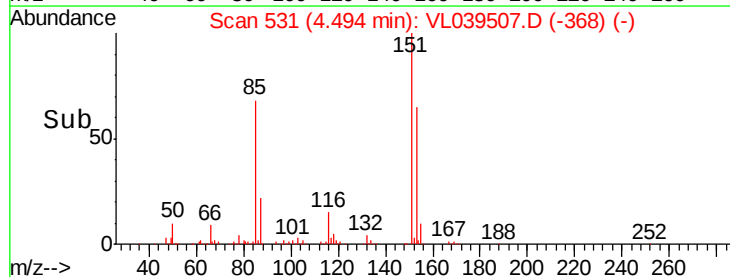
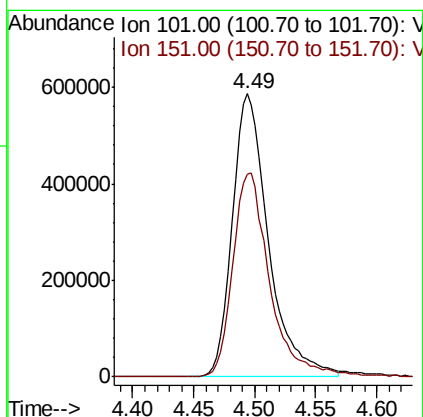
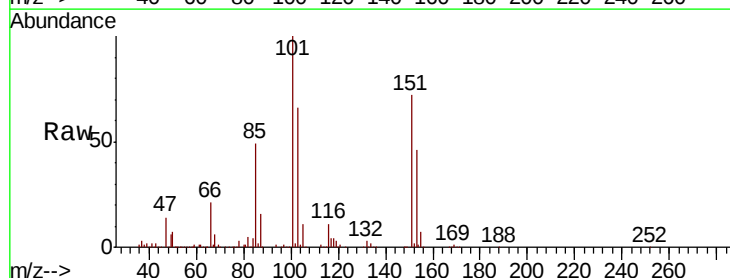
#11
 Trichlorofluoromethane
 Concen: 10.882 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0719ABS02
 Acq: 20 Jul 2022 10:47

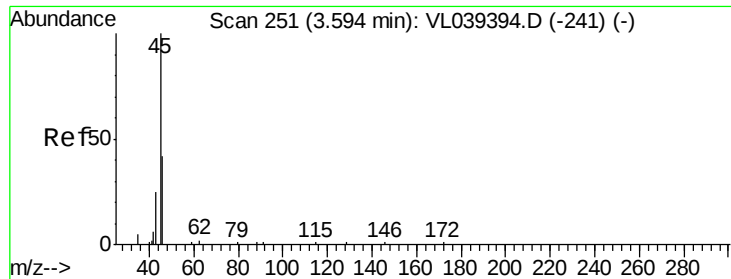
Tot Ion:101 Resp: 1680129
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.507 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T.: 0.02 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

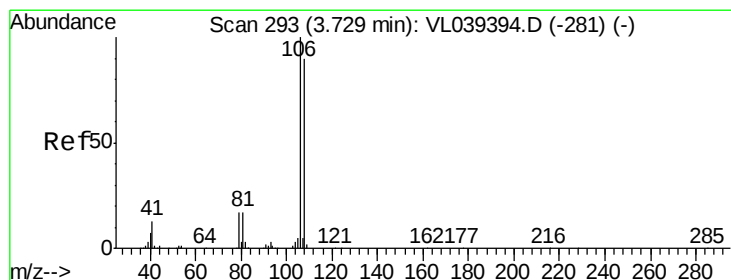
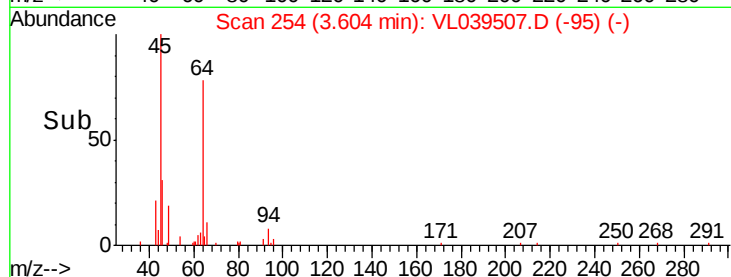
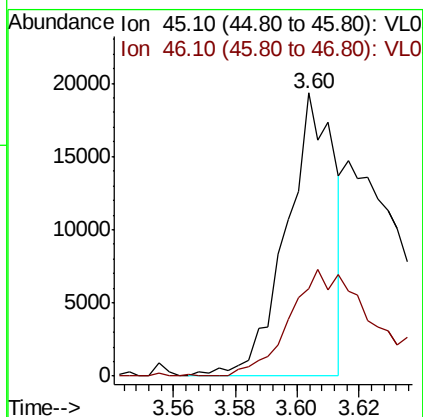
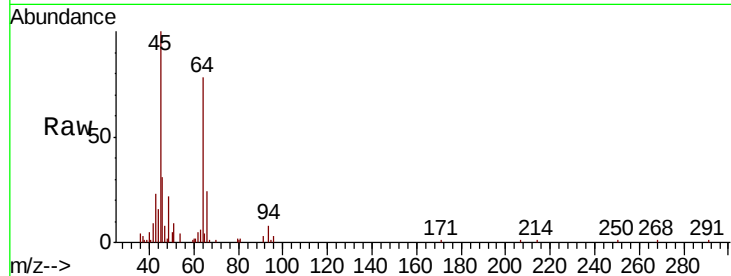
Tgt Ion:101 Resp: 1209340
 Ion Ratio Lower Upper
 101 100
 151 73.9 58.9 88.3





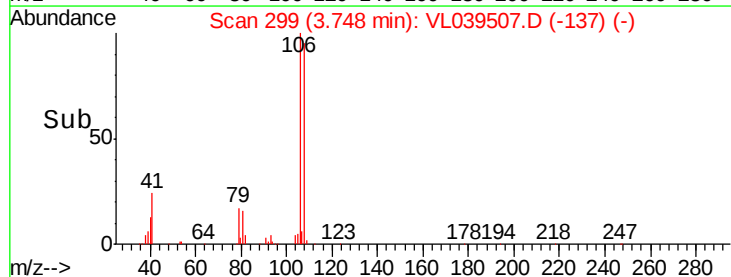
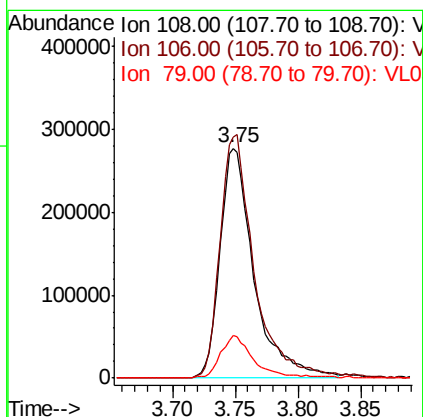
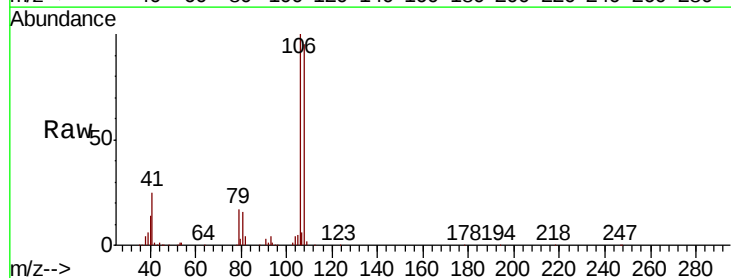
#13
 Ethanol
 Concen: 6.530 ppbv
 RT: 3.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 VL0719ABS02
 Acq: 20 Jul 2022 10:47

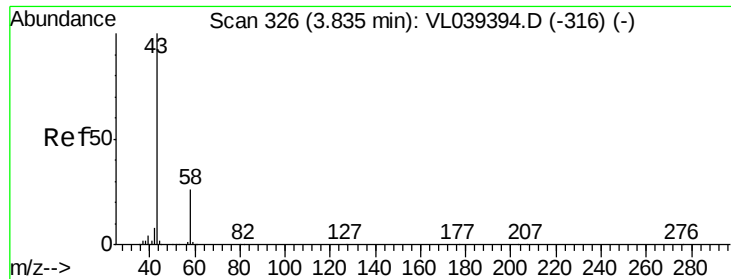
Tot Ion: 45 Resp: 20850
 Ion Ratio Lower Upper
 45 100
 46 87.3 22.8 91.2



#14
 Bromoethene
 Concen: 10.796 ppbv
 RT: 3.75 min Scan# 299
 Delta R.T. 0.02 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

Tgt Ion: 108 Resp: 522414
 Ion Ratio Lower Upper
 108 100
 106 107.1 87.1 130.7
 79 18.5 14.6 22.0





#15

Acetone

Concen: 11.097 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

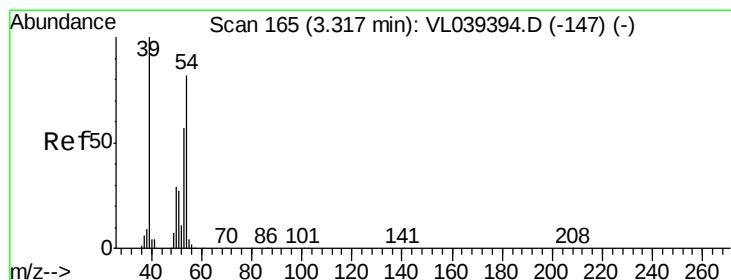
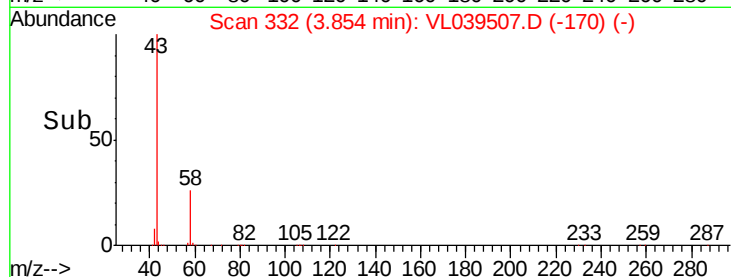
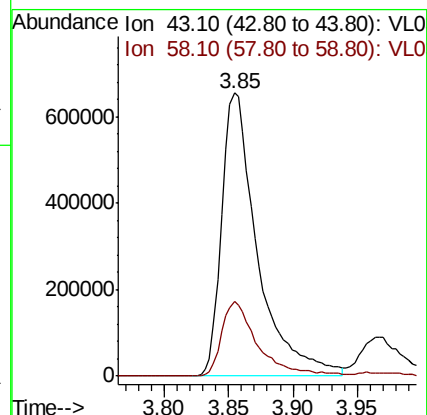
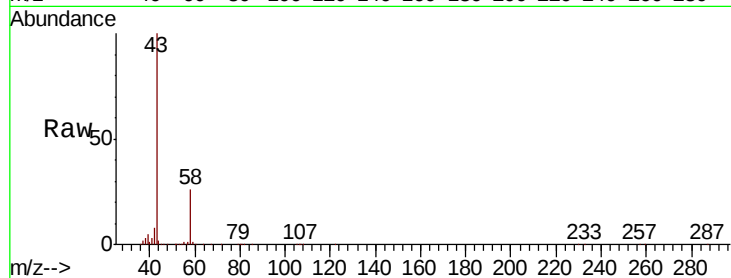
Acq: 20 Jul 2022 10:47 VL0719ABS02

Tot Ion: 43 Resp: 1261141

Ion Ratio Lower Upper

43 100

58 26.8 21.0 31.6



#16

1,3-Butadiene

Concen: 10.828 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.02 min

Lab File: VL039507.D

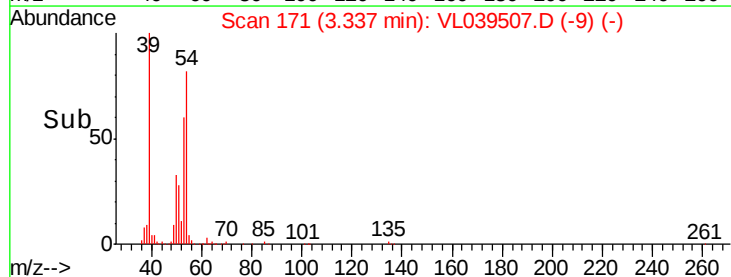
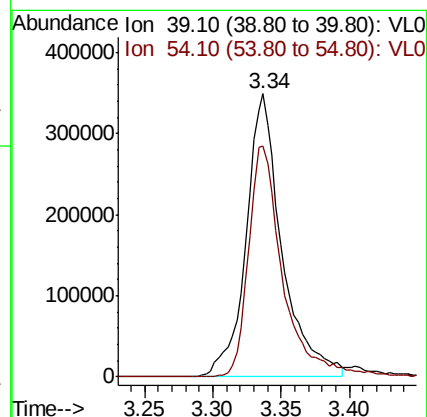
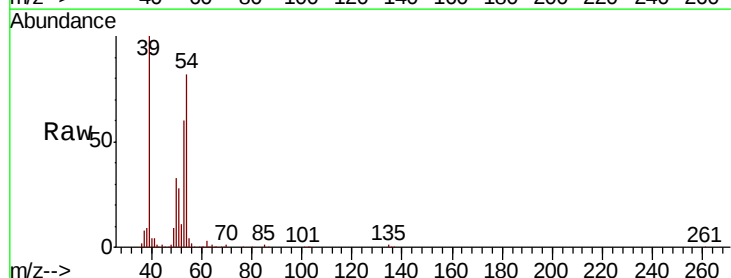
Acq: 20 Jul 2022 10:47

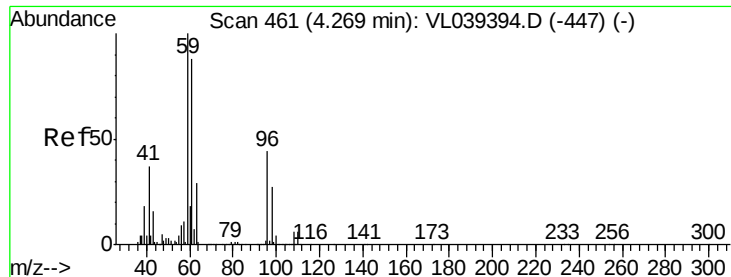
Tgt Ion: 39 Resp: 638503

Ion Ratio Lower Upper

39 100

54 78.9 63.7 95.5





#17

tert-Butyl alcohol

Concen: 11.690 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

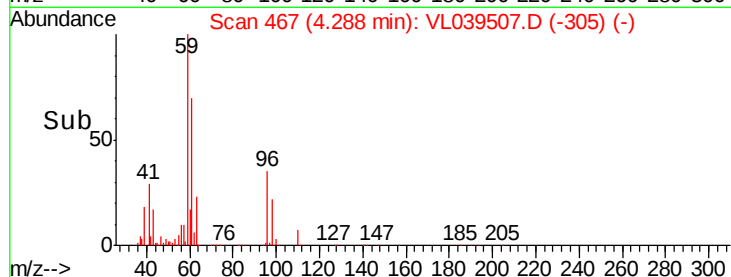
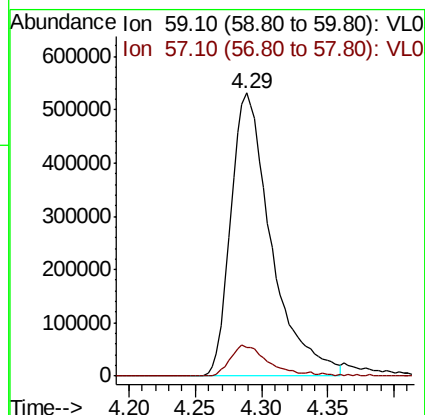
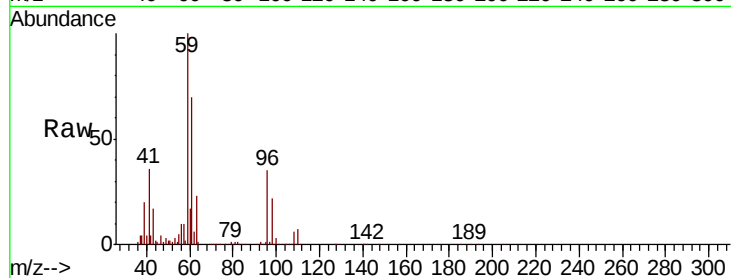
Acq: 20 Jul 2022 10:47

Tot Ion: 59 Resp: 1127555

Ion Ratio Lower Upper

59 100

57 10.9 8.7 13.1



#18

1,1-Dichloroethene

Concen: 10.453 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.02 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

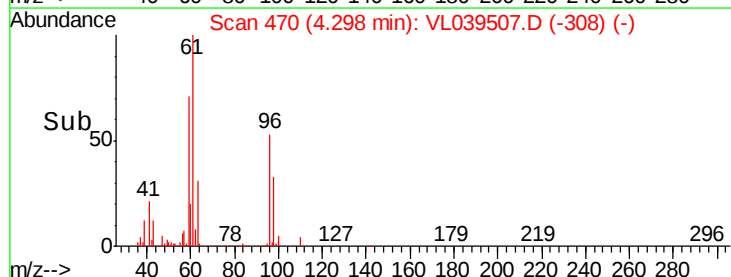
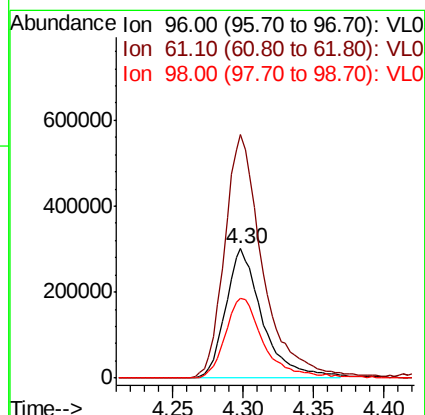
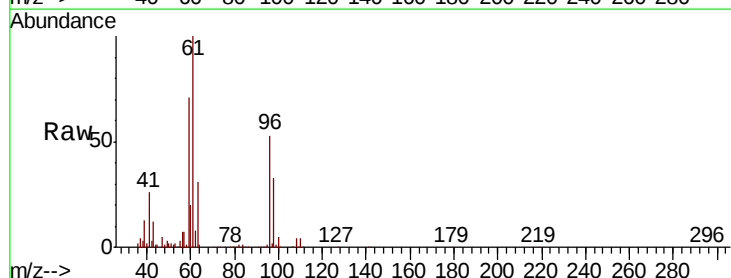
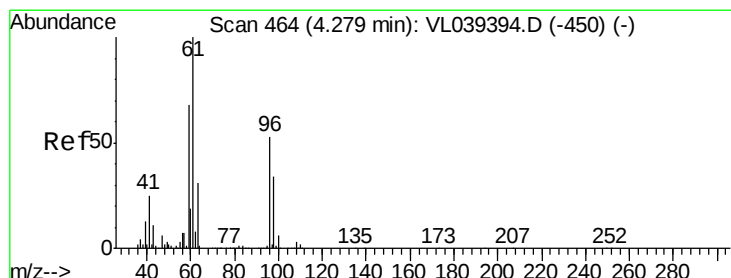
Tgt Ion: 96 Resp: 545077

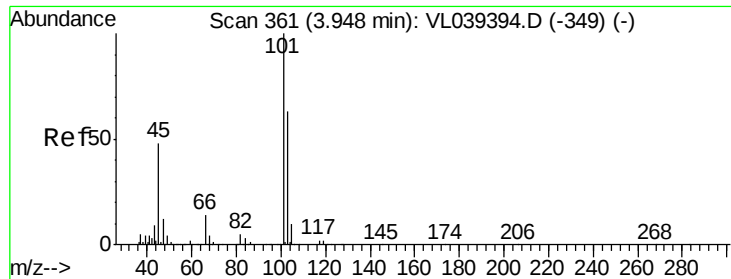
Ion Ratio Lower Upper

96 100

61 187.9 152.2 228.4

98 61.3 51.8 77.6





#19

Isopropyl Alcohol

Concen: 10.835 ppbv

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

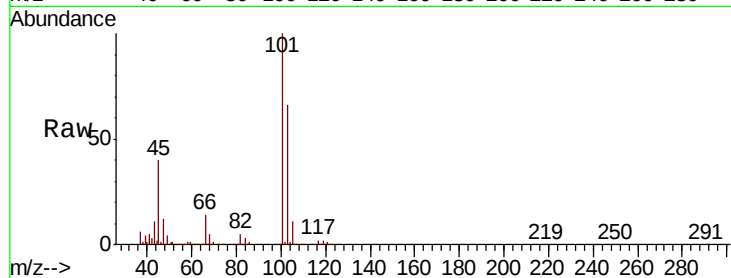
Acq: 20 Jul 2022 10:47

Tot Ion: 45 Resp: 656777

Ion Ratio Lower Upper

45 100

58 3.5 3.2 4.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.96

300000

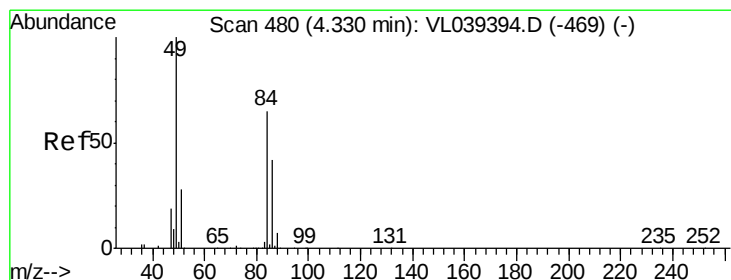
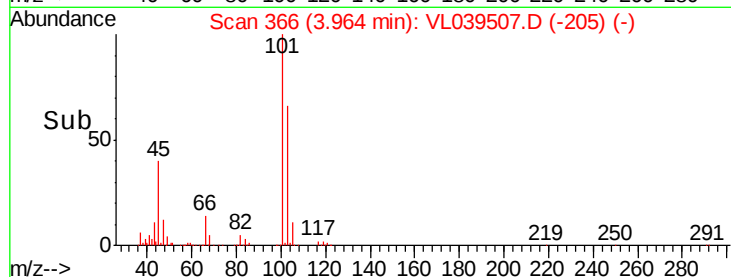
200000

100000

0

Time-->

3.90 3.95 4.00 4.05



#20

Methylene Chloride

Concen: 10.165 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.03 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

Tgt Ion: 84 Resp: 460428

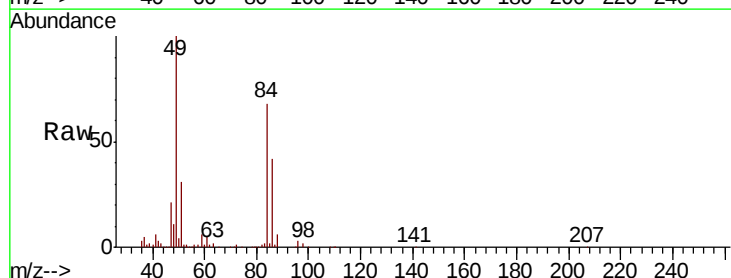
Ion Ratio Lower Upper

84 100

49 145.3 123.1 184.7

51 45.4 34.4 51.6

86 61.8 51.1 76.7



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

600000

500000

400000

300000

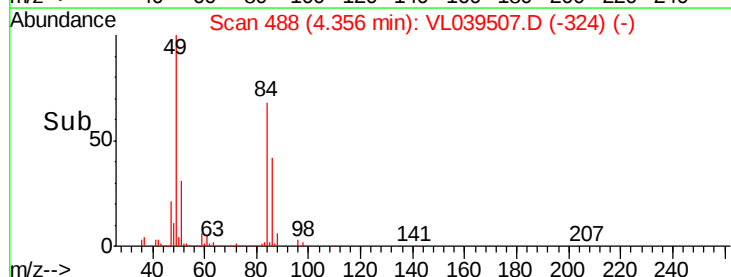
200000

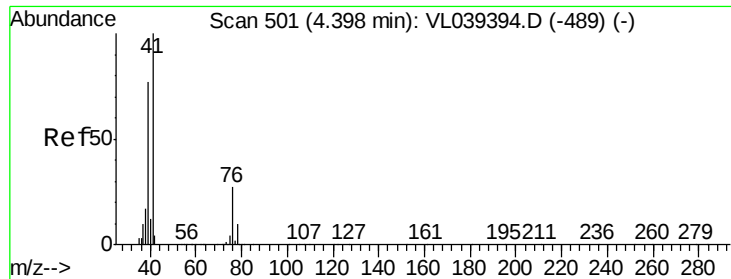
100000

0

Time-->

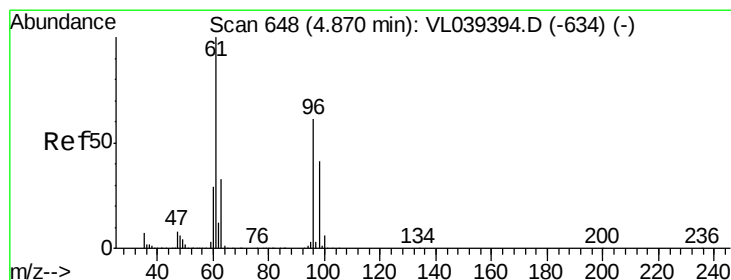
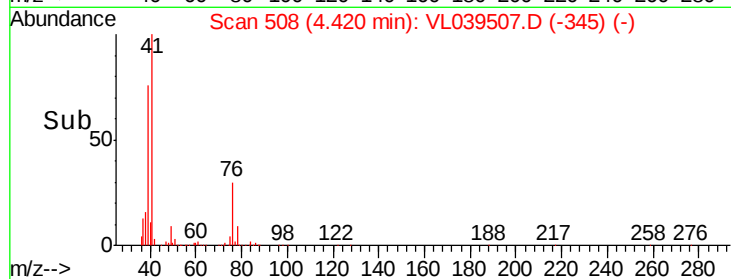
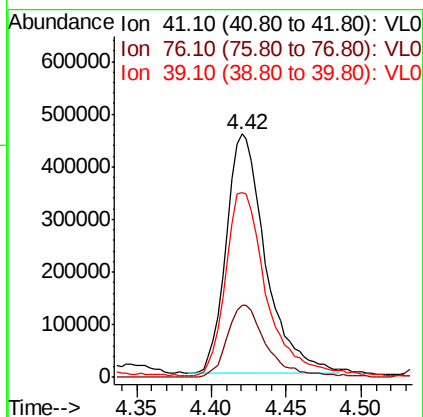
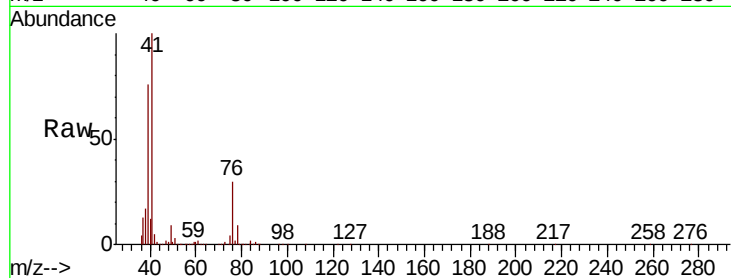
4.30 4.35 4.40





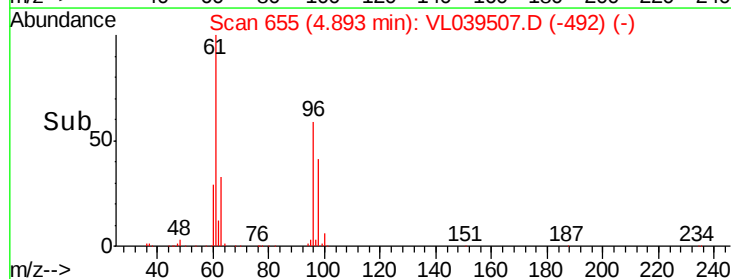
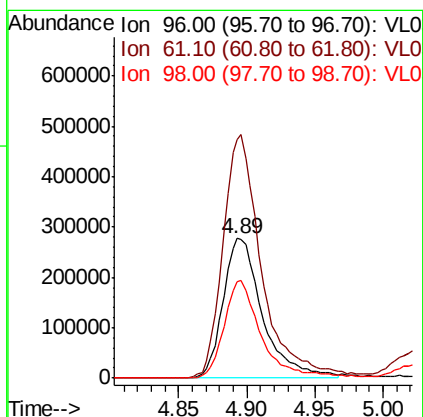
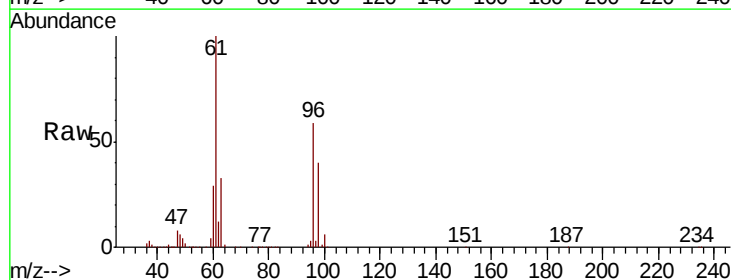
#21
 Allvl Chloride
 Concen: 10.667 ppbv
 RT: 4.42
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0719ABS02
 Acq: 20 Jul 2022 10:47

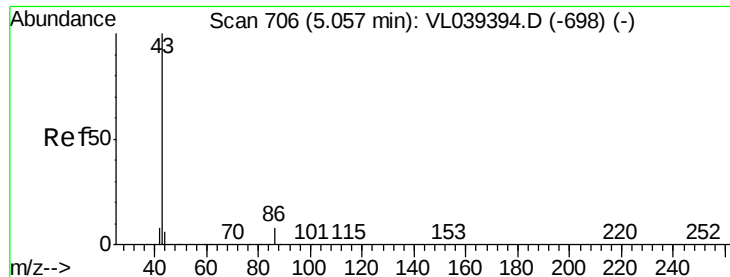
Tot Ion	Ratio	Lower	Upper
41	100		
76	30.5	24.4	36.6
39	79.8	63.5	95.3



#22
 trans-1,2-Dichloroethene
 Concen: 11.019 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T.: 0.02 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

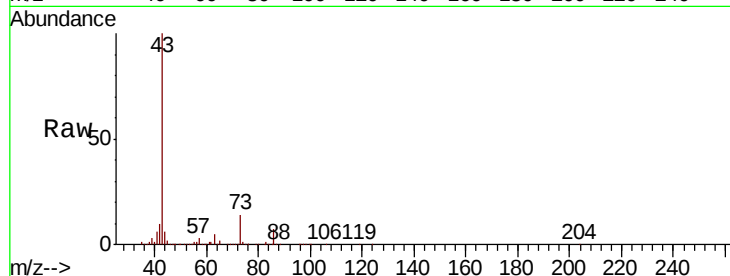
Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.4	130.6	195.8
98	69.0	53.4	80.0



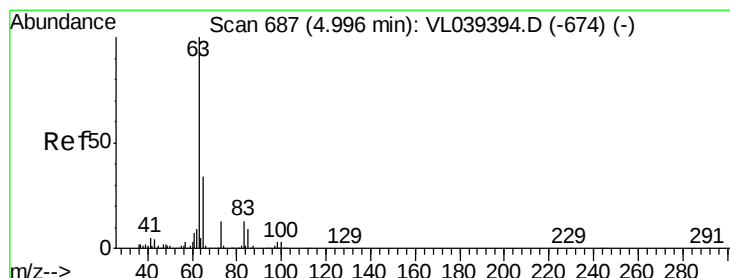
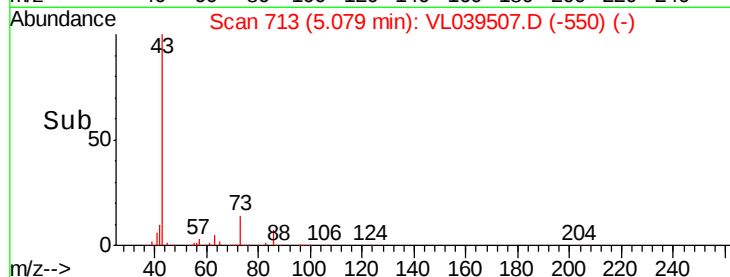
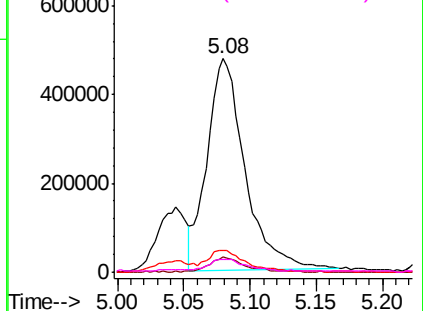


#23
 Vinyl Acetate
 Concen: 12.498 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0719ABS02
 Acq: 20 Jul 2022 10:47

Tot Ion:	43	Resp:	949214
Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.0	7.6
42	10.0	7.7	11.5
44	5.8	4.6	7.0

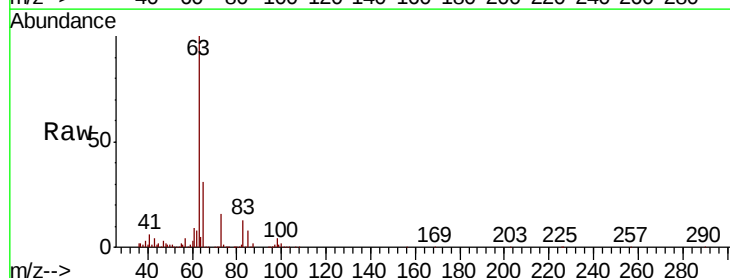


Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0

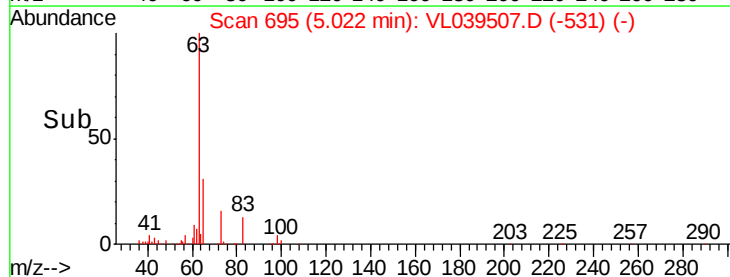
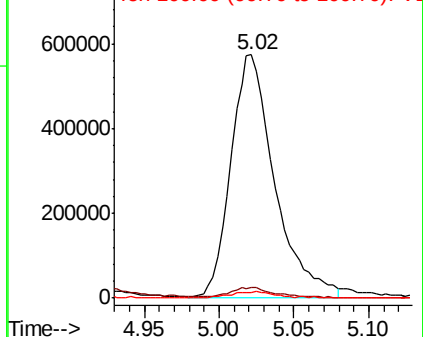


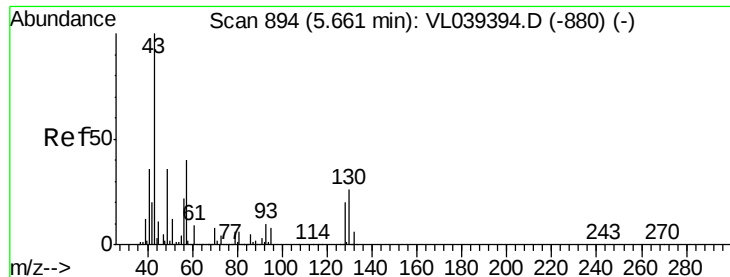
#24
 1,1-Dichloroethane
 Concen: 10.852 ppbv
 RT: 5.02 min Scan# 695
 Delta R.T.: 0.03 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

Tgt Ion:	63	Resp:	1163971
Ion	Ratio	Lower	Upper
63	100		
98	4.2	1.8	5.3
100	2.3	1.5	4.4



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0
 Ion 100.00 (99.70 to 100.70): VL0

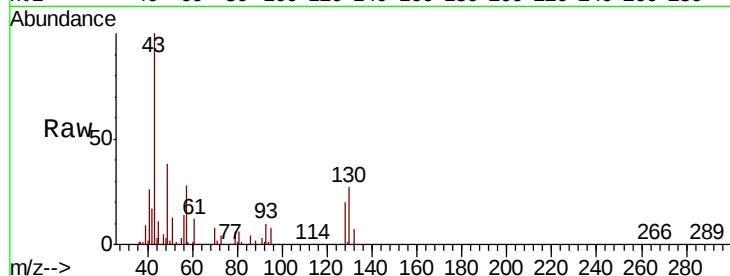




#25
Ethyl Acetate
Concen: 11.000 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0719ABS02
Acq: 20 Jul 2022 10:47

Tot Ion: 43 Resp: 2563166

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	10.8	8.3	12.5
70	7.3	5.9	8.9



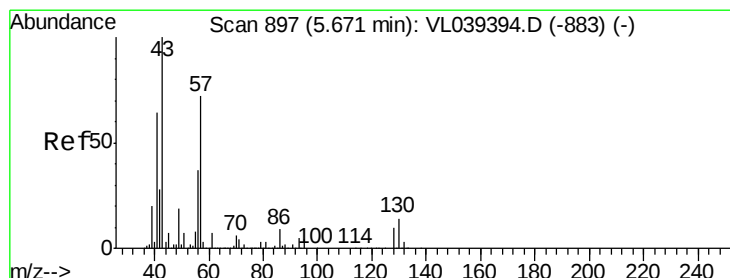
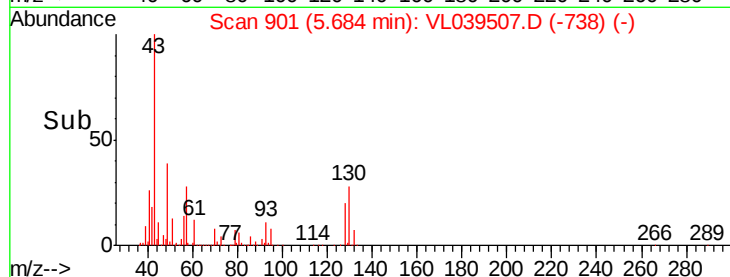
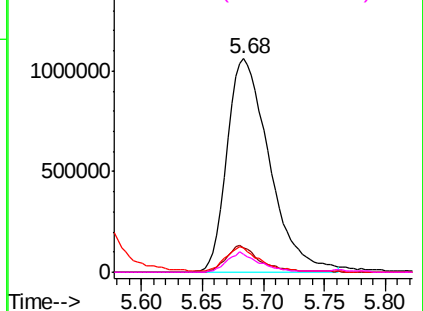
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

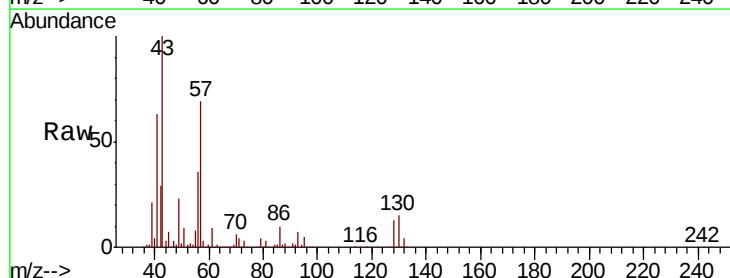
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 11.708 ppbv
RT: 5.70 min Scan# 905
Delta R.T.: 0.03 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

Tgt Ion: 57 Resp: 1099700

Ion	Ratio	Lower	Upper
57	100		
41	95.5	76.9	115.3
43	238.8	191.0	286.6
56	53.0	43.2	64.8



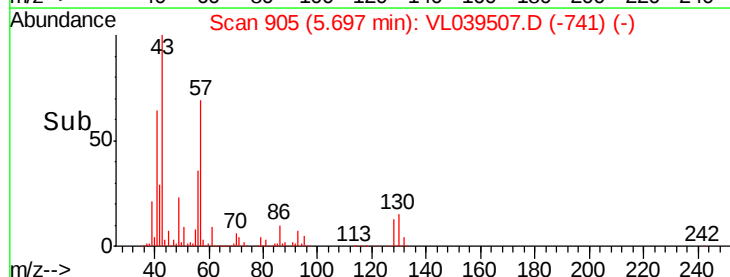
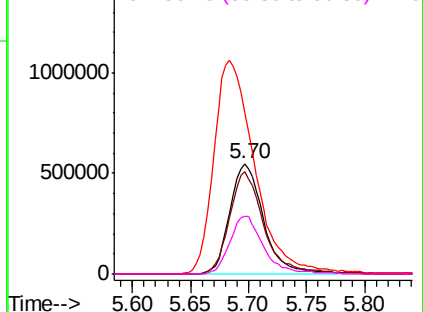
Abundance

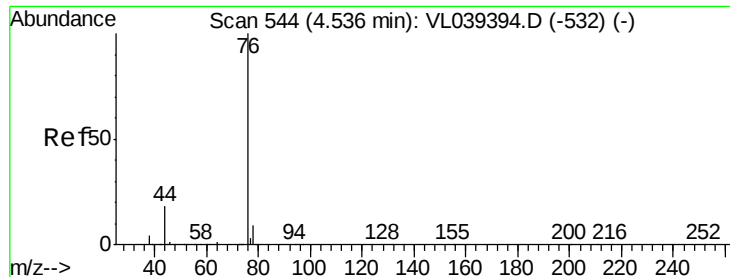
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 11.596 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0719ABS02

Acq: 20 Jul 2022 10:47

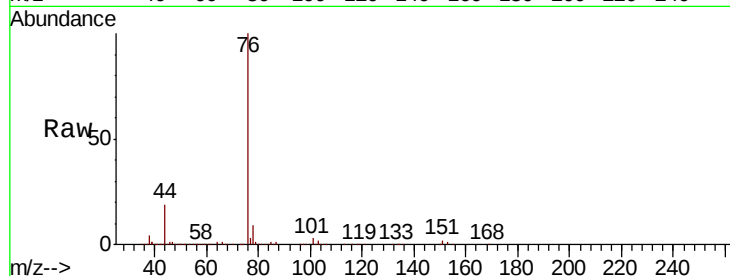
Tot Ion: 76 Resp: 1314767

Ion	Ratio	Lower	Upper
76	100		
44	18.2	14.6	21.8
78	9.6	7.8	11.6

76 100

44 18.2 14.6 21.8

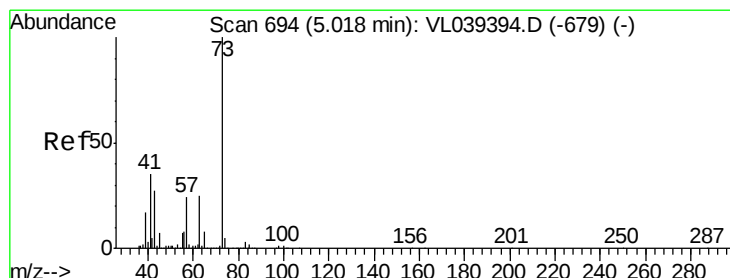
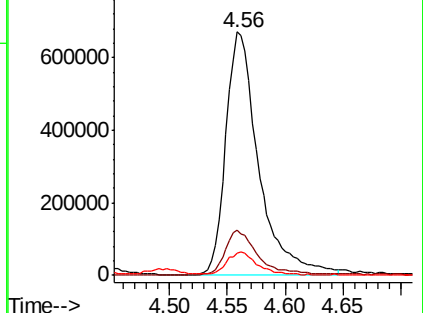
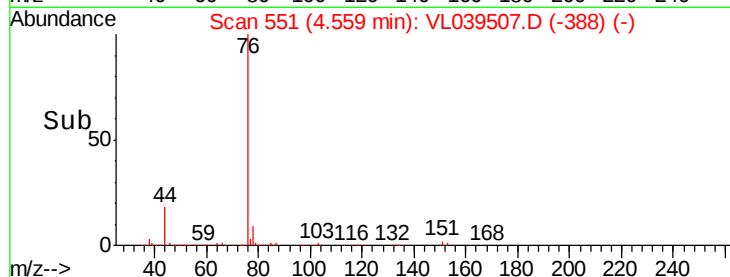
78 9.6 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 10.905 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.03 min

Lab File: VL039507.D

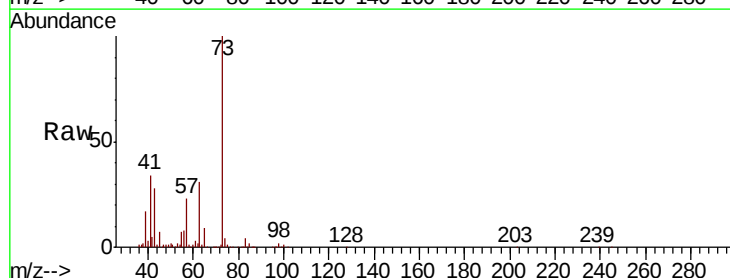
Acq: 20 Jul 2022 10:47

Tgt Ion: 73 Resp: 1095228

Ion	Ratio	Lower	Upper
73	100		
57	23.7	19.8	29.8

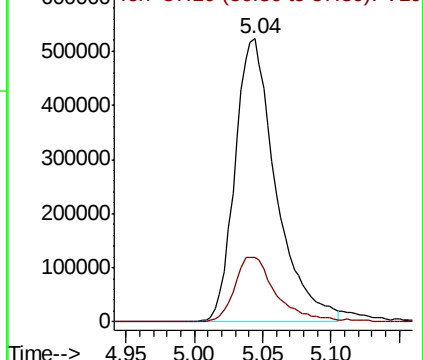
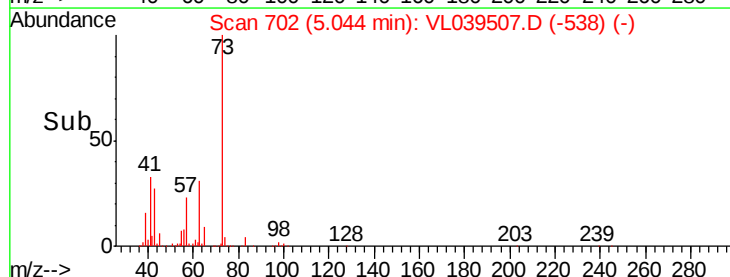
73 100

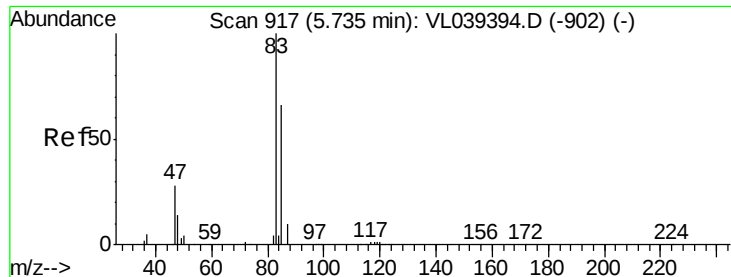
57 23.7 19.8 29.8



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 10.855 ppbv

RT: 5.76

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

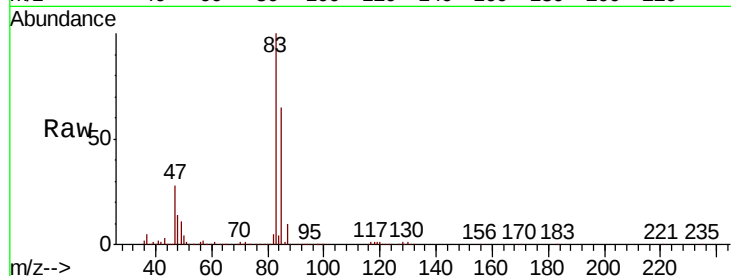
Acq: 20 Jul 2022 10:47

Tot Ion: 83 Resp: 1773032

Ion Ratio Lower Upper

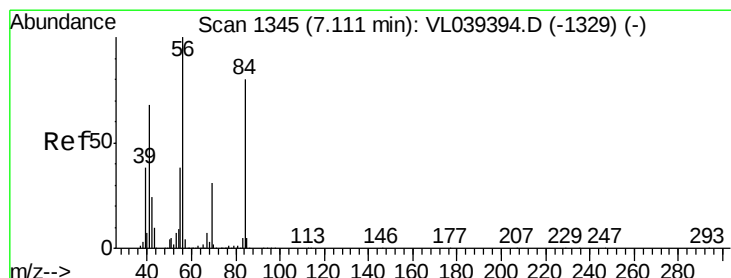
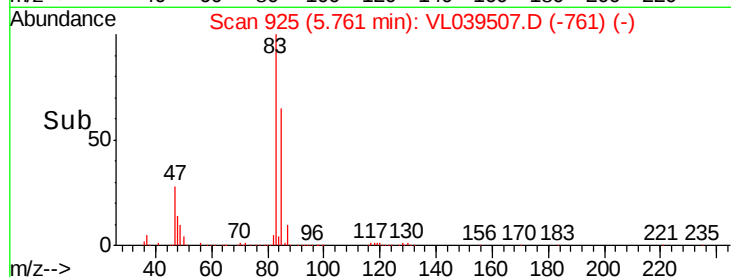
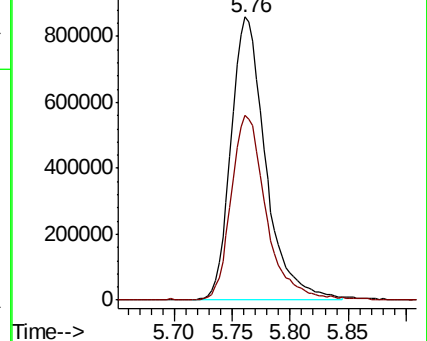
83 100

85 65.1 52.8 79.2



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 10.957 ppbv

RT: 7.14 min Scan# 1354

Delta R.T. 0.03 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

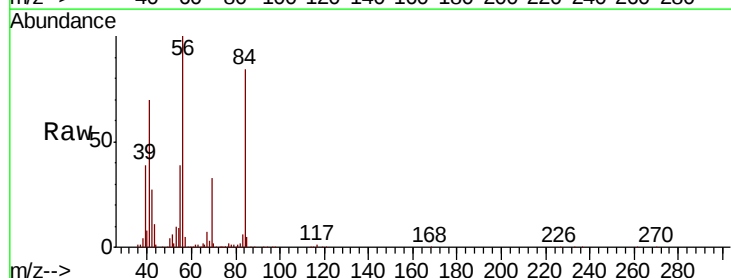
Tgt Ion: 84 Resp: 936969

Ion Ratio Lower Upper

84 100

56 131.6 107.7 161.5

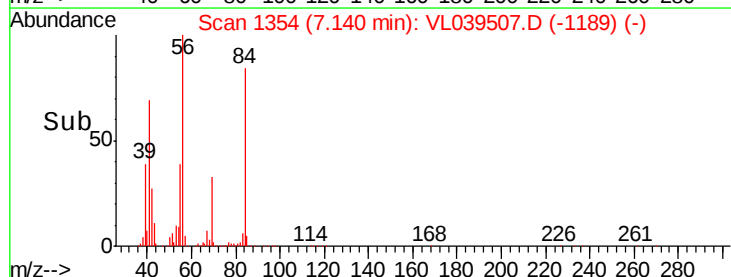
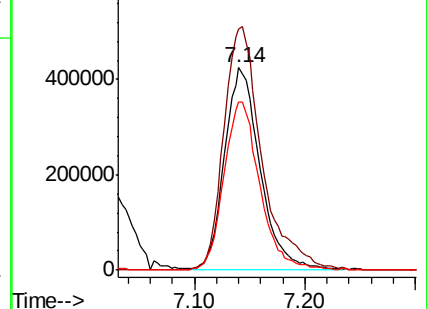
41 85.6 67.7 101.5

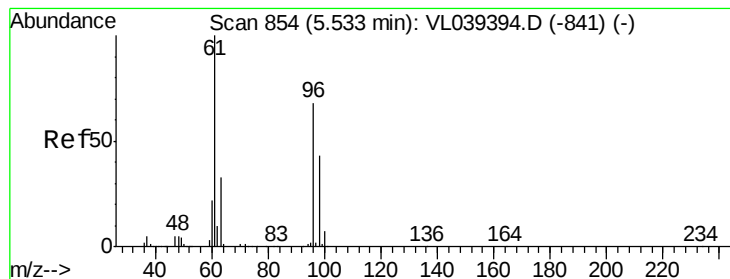


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#31

cis-1,2-Dichloroethene

Concen: 10.926 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Jul 2022 10:47 VL0719ABS02

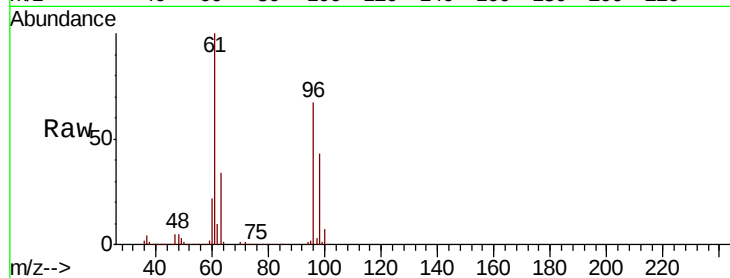
Tot Ion: 61 Resp: 1088937

Ion Ratio Lower Upper

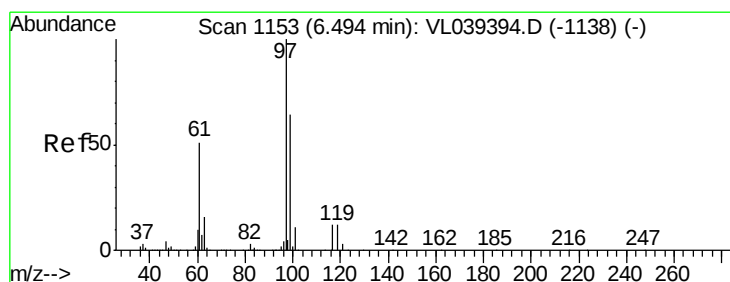
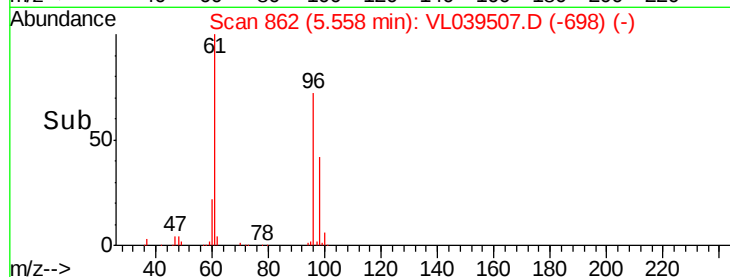
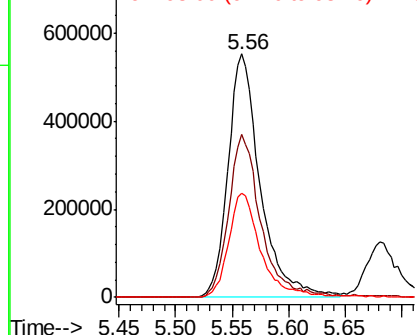
61 100

96 67.1 54.1 81.1

98 42.7 34.6 52.0



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



#32

1,1,1-Trichloroethane

Concen: 11.164 ppbv

RT: 6.52 min Scan# 1162

Delta R.T. 0.03 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

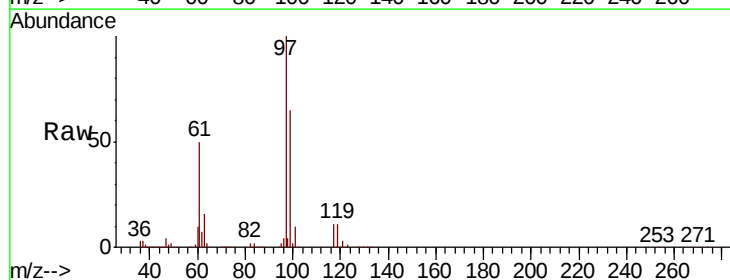
Tgt Ion: 97 Resp: 1799795

Ion Ratio Lower Upper

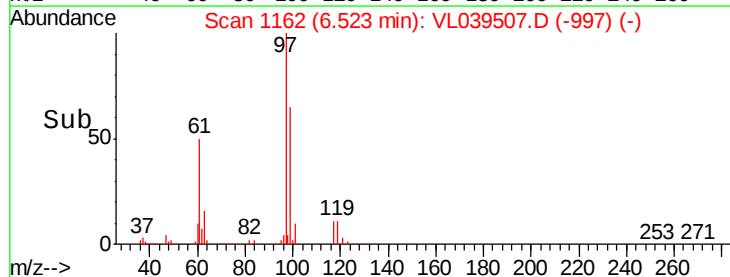
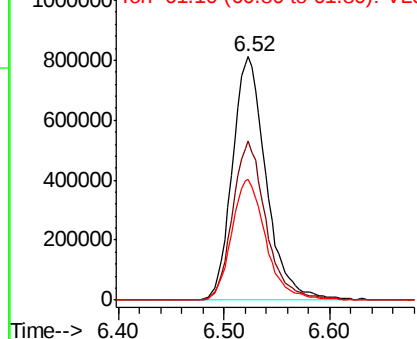
97 100

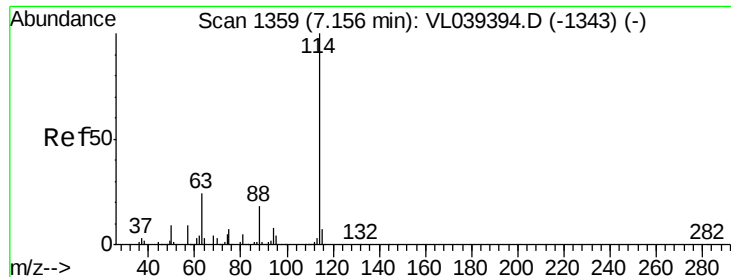
99 64.9 52.3 78.5

61 50.1 40.9 61.3



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19

Instrument: MSVOA_1

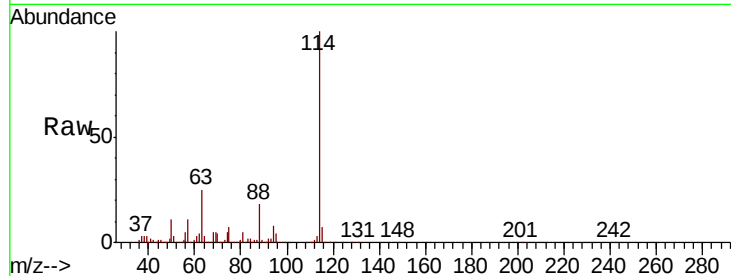
Delta R.T.:

Lab File: ClientSampleId: VL0719ABS02

Acq: 20 Jul 2022 10:47

Tot Ion:114 Resp: 2735386

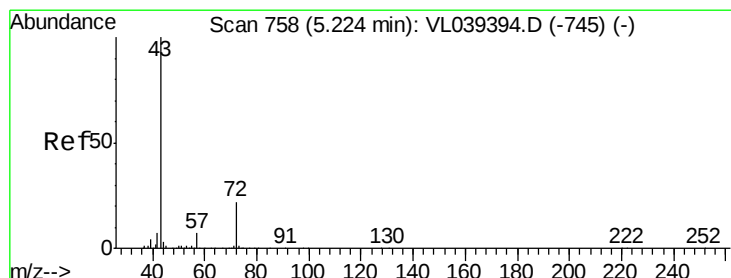
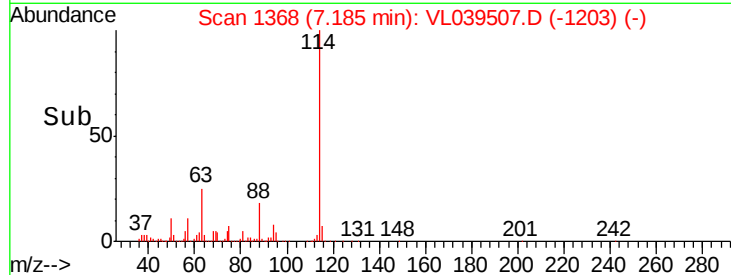
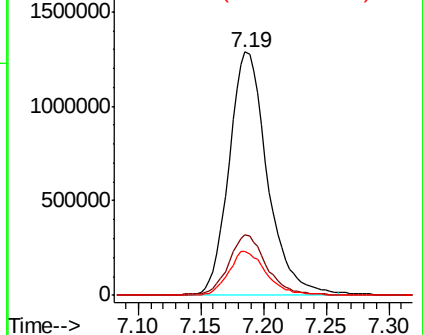
Ion	Ratio	Lower	Upper
114	100		
63	25.0	20.2	30.4
88	17.9	14.5	21.7



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 11.147 ppbv

RT: 5.25 min Scan# 766

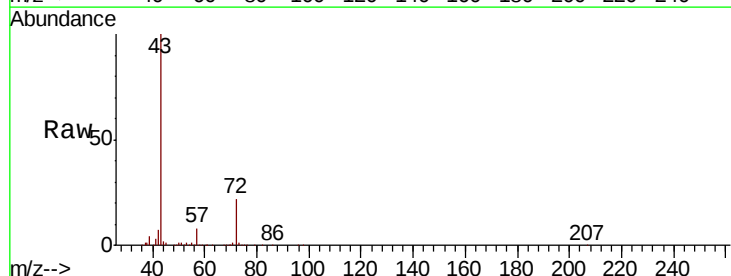
Delta R.T. 0.03 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

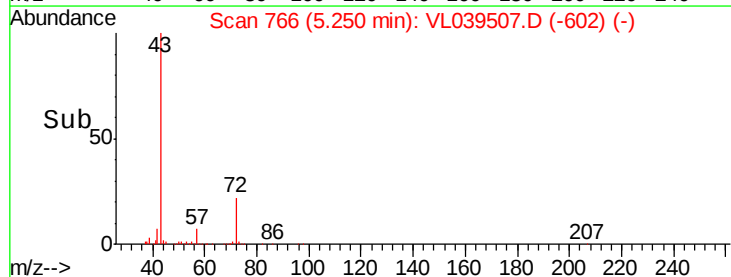
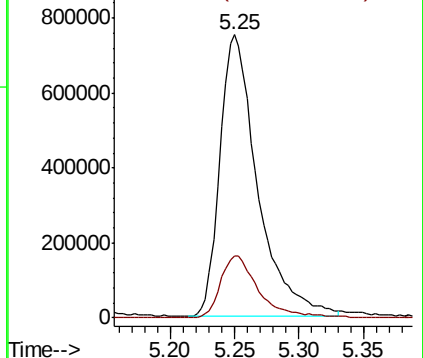
Tgt Ion: 43 Resp: 1534886

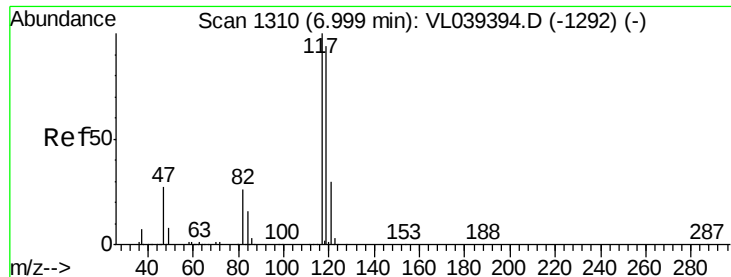
Ion	Ratio	Lower	Upper
43	100		
72	22.2	17.9	26.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

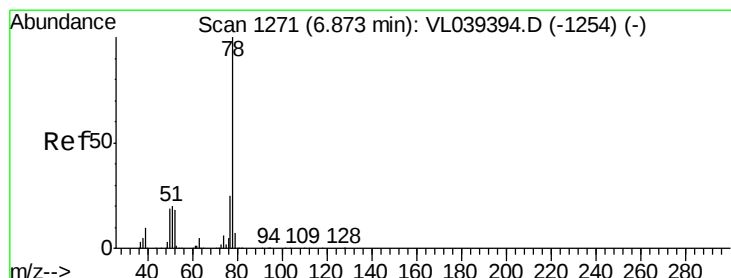
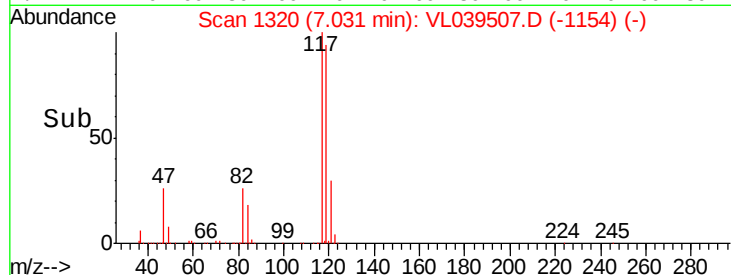
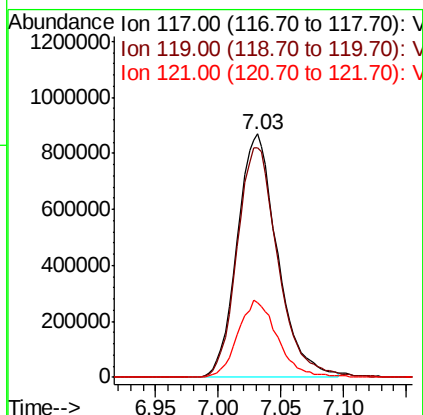
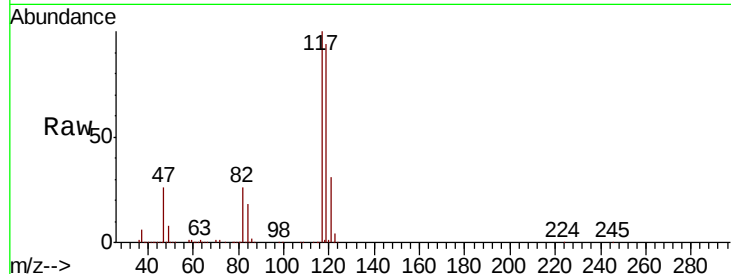




#35
 Carbon Tetrachloride
 Concen: 11.431 ppbv
 RT: 7.03
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL0719ABS02
 Acq: 20 Jul 2022 10:47

Tot Ion:117 Resp: 1932133

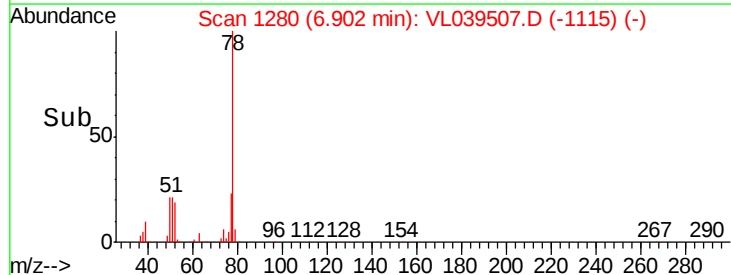
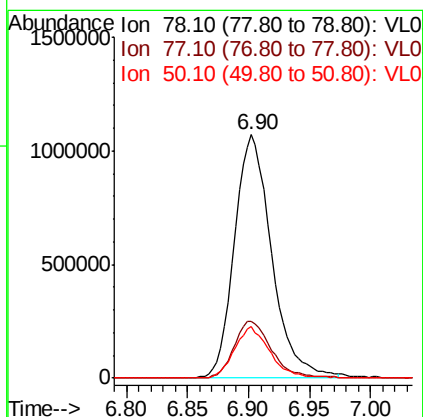
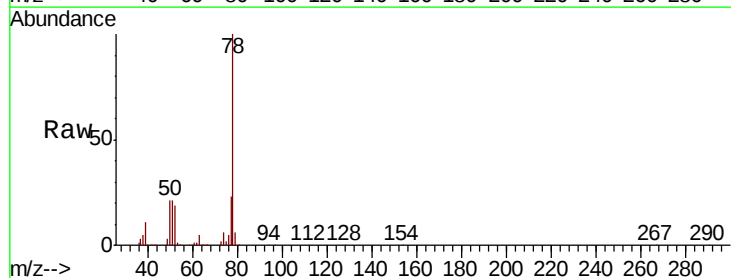
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.4	113.2
121	30.5	24.2	36.2

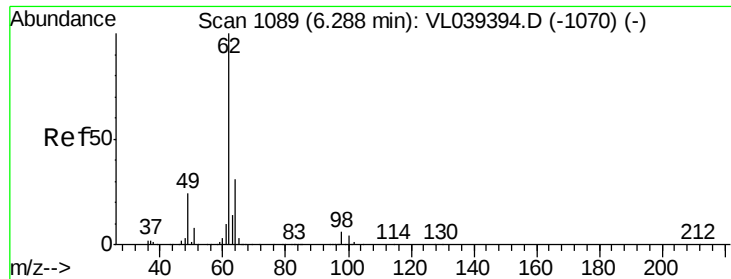


#36
 Benzene
 Concen: 10.680 ppbv
 RT: 6.90 min Scan# 1280
 Delta R.T.: 0.03 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

Tgt Ion: 78 Resp: 2260983

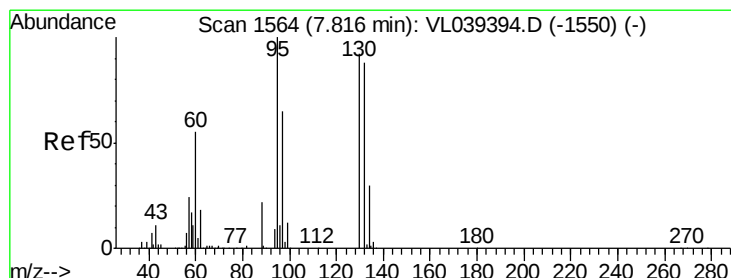
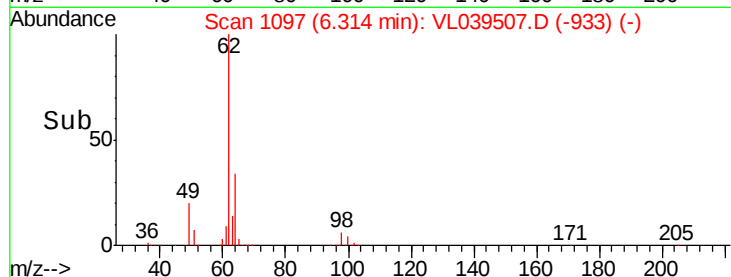
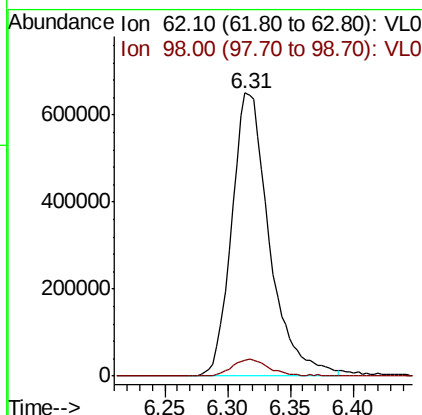
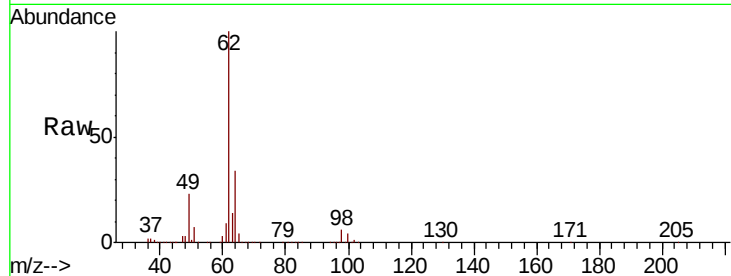
Ion	Ratio	Lower	Upper
78	100		
77	23.3	20.3	30.5
50	21.1	15.5	23.3





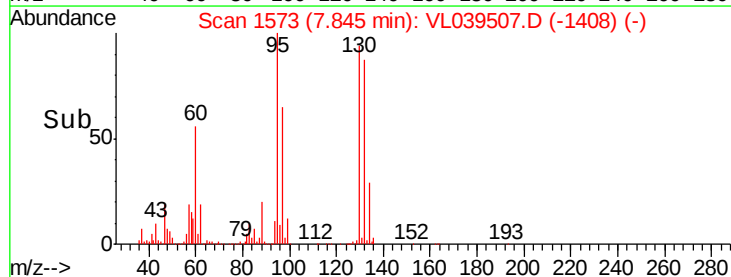
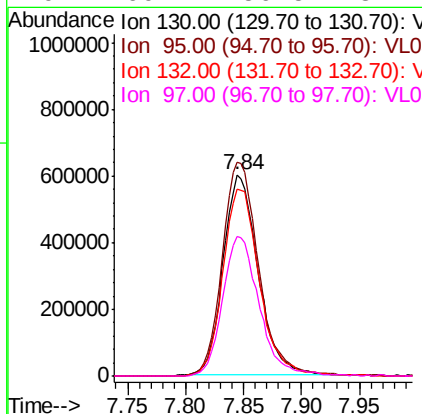
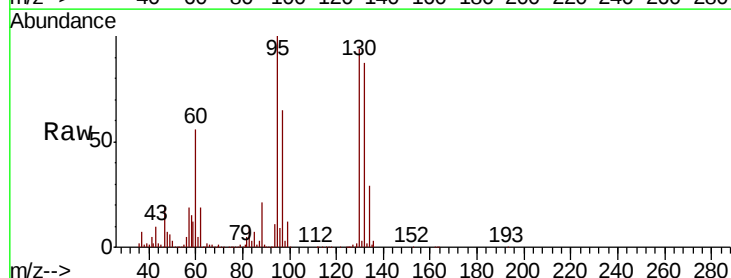
#37
 1,2-Dichloroethane
 Concen: 10.869 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0719ABS02
 Acq: 20 Jul 2022 10:47

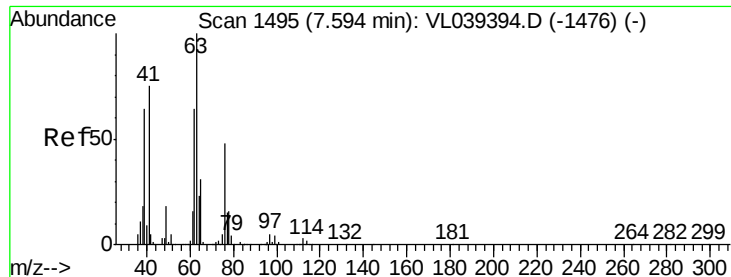
Tot Ion: 62 Resp: 1358211
 Ion Ratio Lower Upper
 62 100
 98 6.2 5.1 7.7



#38
 Trichloroethene
 Concen: 10.961 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.03 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

Tgt Ion:130 Resp: 1255107
 Ion Ratio Lower Upper
 130 100
 95 106.2 87.3 130.9
 132 92.8 76.7 115.1
 97 69.4 56.5 84.7





#39

1,2-Dichloropropane

Concen: 10.558 ppbv

RT: 7.63 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Jul 2022 10:47

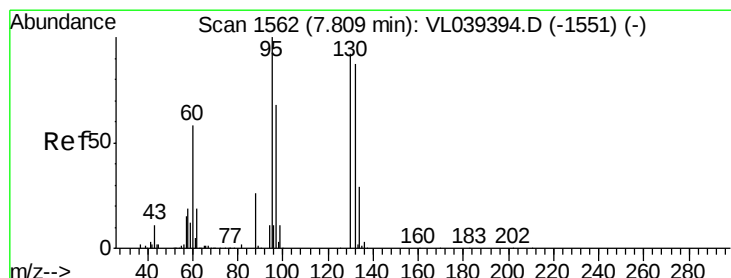
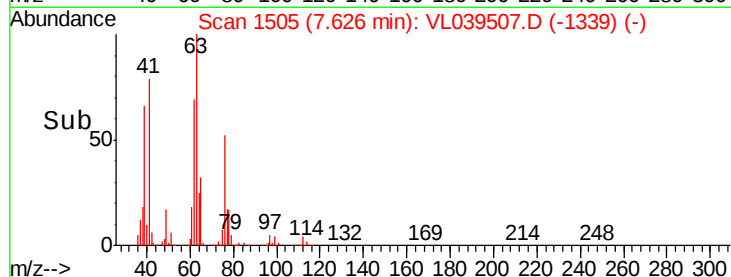
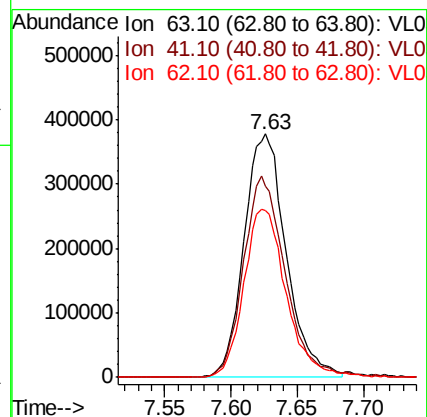
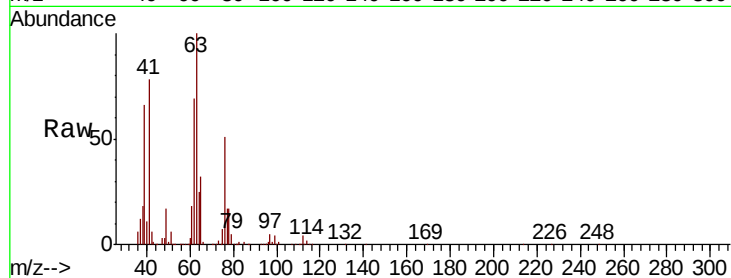
Tot Ion: 63 Resp: 835048

Ion Ratio Lower Upper

63 100

41 78.1 59.6 89.4

62 68.5 51.4 77.0



#40

1,4-Dioxane

Concen: 10.315 ppbv

RT: 7.84 min Scan# 1571

Delta R.T. 0.03 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

Tgt Ion: 88 Resp: 325099

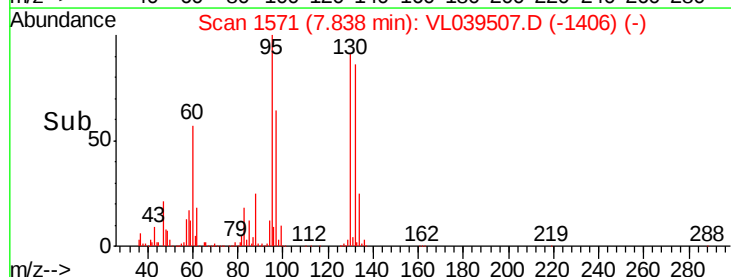
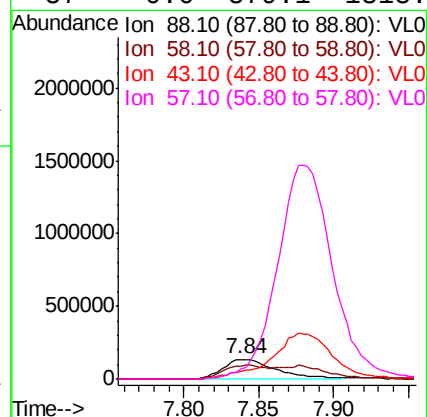
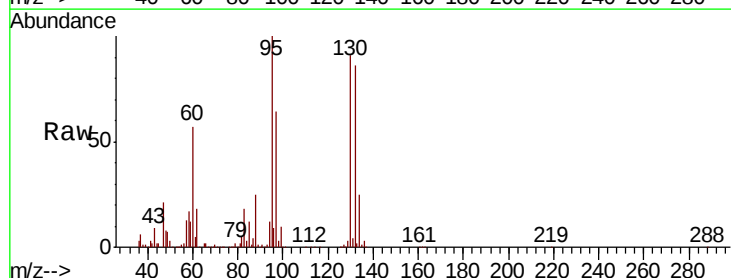
Ion Ratio Lower Upper

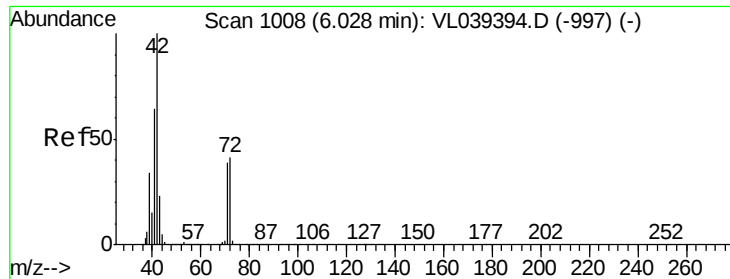
88 100

58 62.1 100.2 150.4#

43 0.0 205.8 308.6#

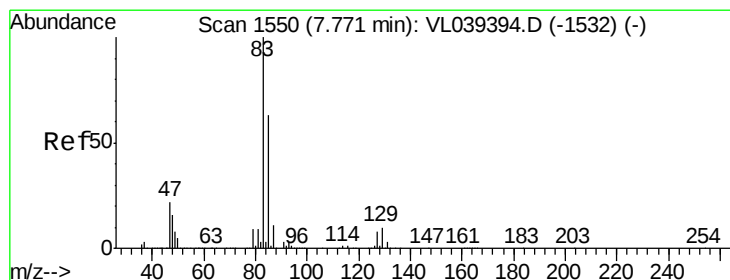
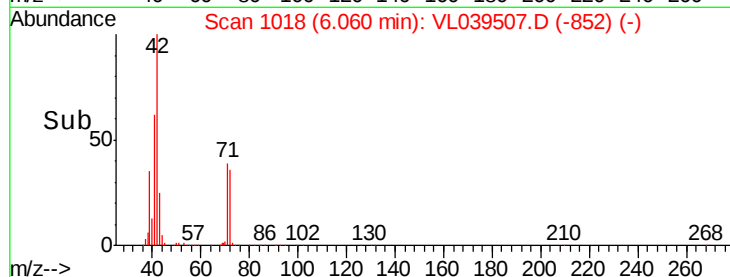
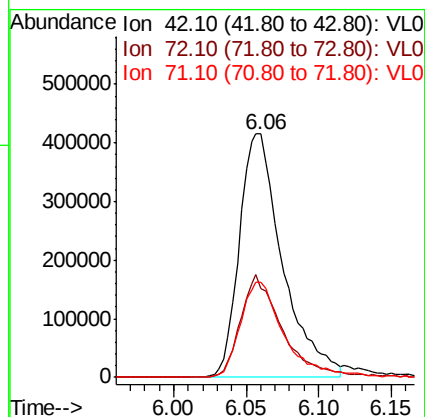
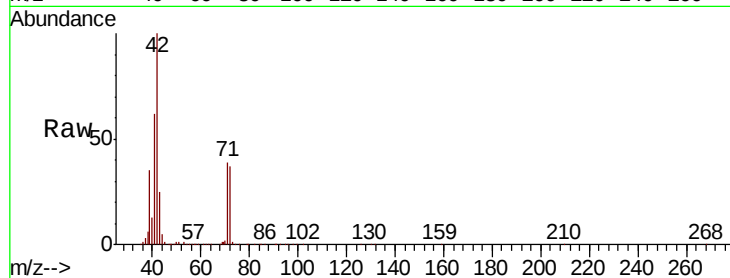
57 0.0 879.1 1318.7#





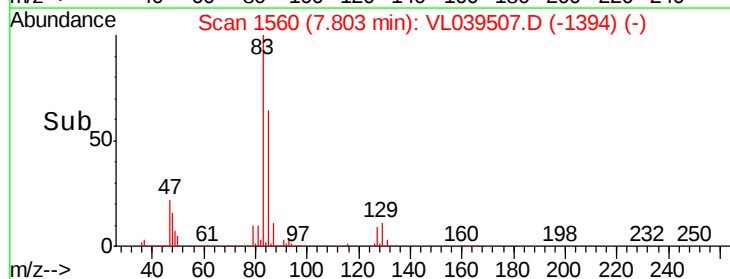
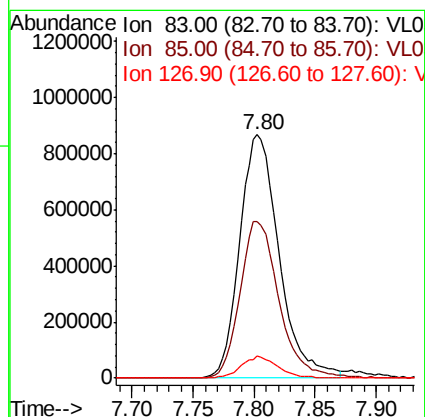
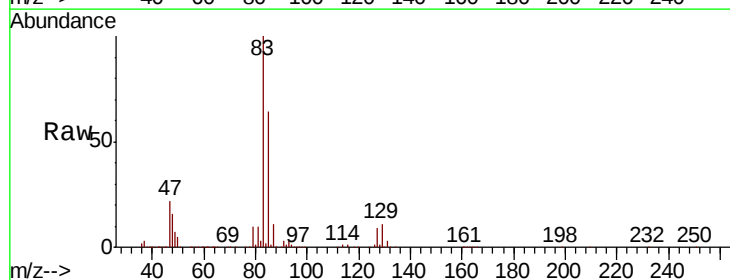
#41
Tetrahydrofuran
Concen: 10.743 ppbv
RT: 6.06
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0719ABS02
Acq: 20 Jul 2022 10:47

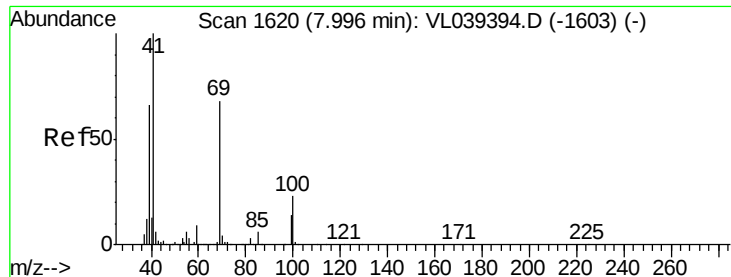
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	31.8	47.8
71	40.1	31.8	47.8



#42
Bromodichloromethane
Concen: 11.489 ppbv
RT: 7.80 min Scan# 1560
Delta R.T.: 0.03 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.7	76.1
127	9.0	6.6	9.8

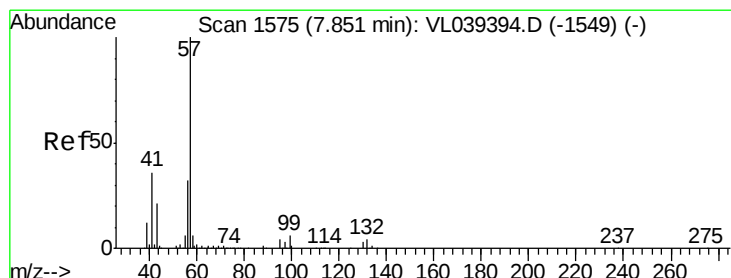
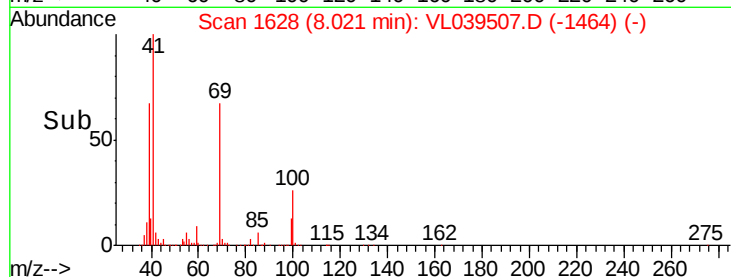
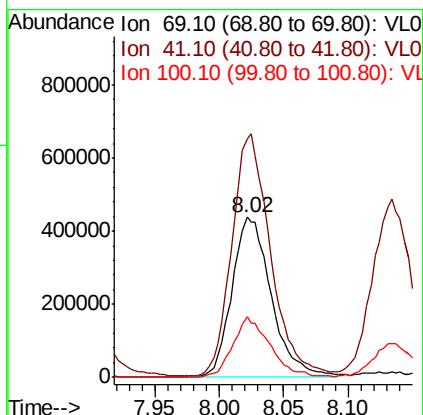
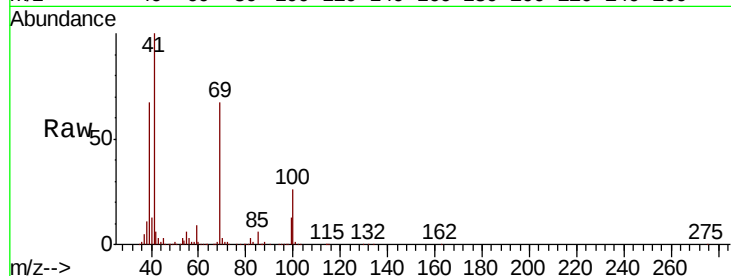




#43
Methvl Methacrilate
Concen: 11.539 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0719ABS02
Acq: 20 Jul 2022 10:47

Tot Ion: 69 Resp: 928849

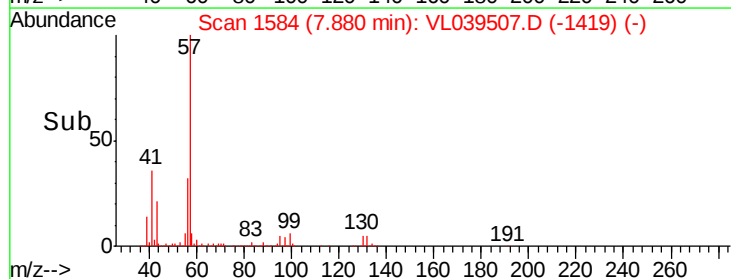
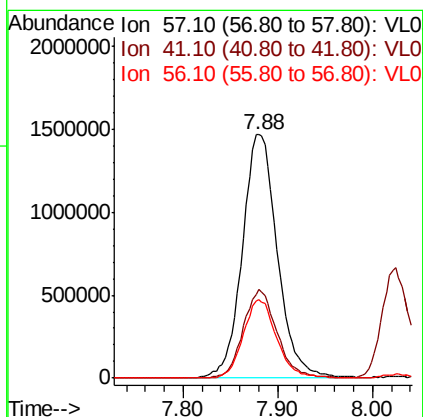
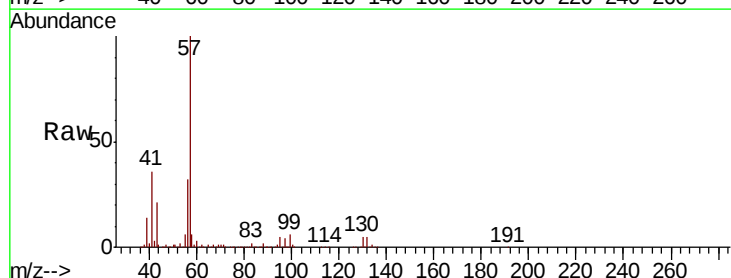
Ion	Ratio	Lower	Upper
69	100		
41	150.2	120.8	181.2
100	35.9	27.8	41.6

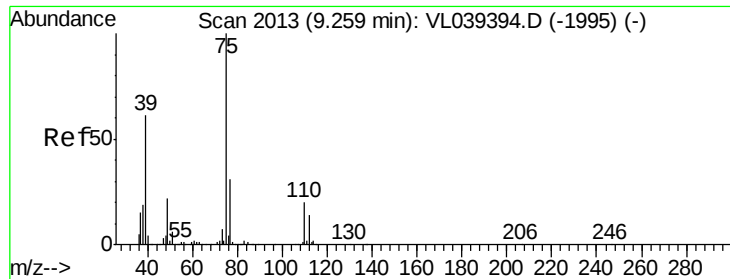


#44
2,2,4-Trimethylpentane
Concen: 10.523 ppbv
RT: 7.88 min Scan# 1584
Delta R.T.: 0.03 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

Tgt Ion: 57 Resp: 3775144

Ion	Ratio	Lower	Upper
57	100		
41	35.1	27.4	41.2
56	30.9	24.5	36.7





#45

t-1,3-Dichloropropene

Concen: 13.449 ppbv

RT: 9.29 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

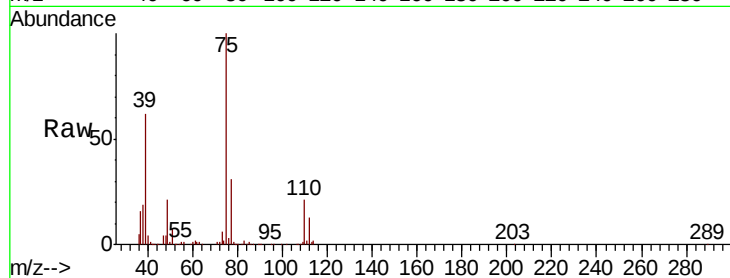
Acq: 20 Jul 2022 10:47 VL0719ABS02

Tot Ion: 75 Resp: 963889

Ion Ratio Lower Upper

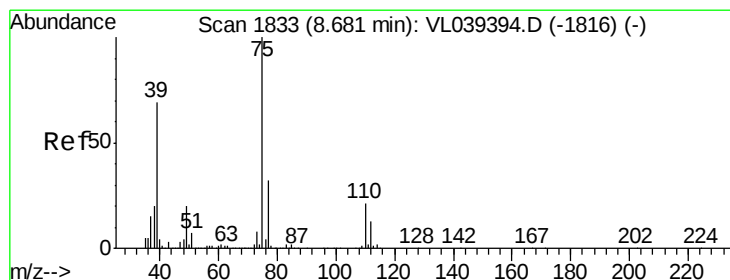
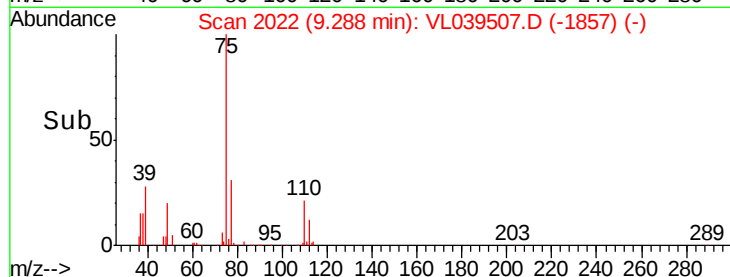
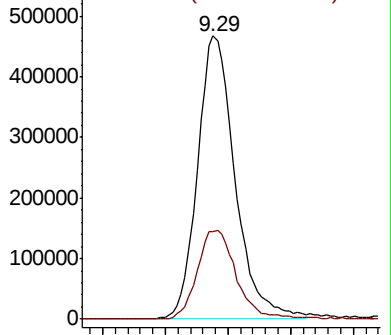
75 100

77 31.1 24.6 36.8



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 12.691 ppbv

RT: 8.71 min Scan# 1843

Delta R.T. 0.03 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

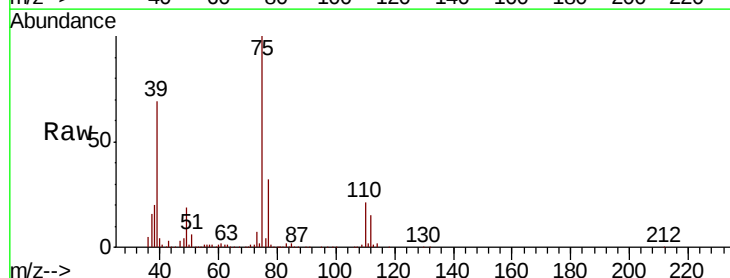
Tgt Ion: 75 Resp: 1251992

Ion Ratio Lower Upper

75 100

39 69.2 55.0 82.4

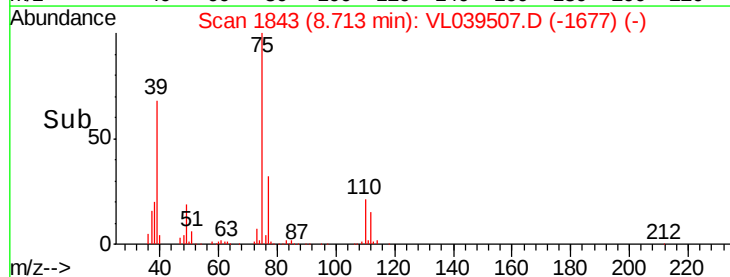
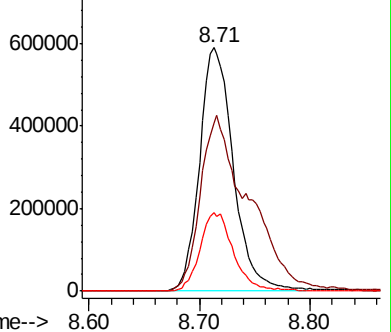
77 32.2 25.7 38.5

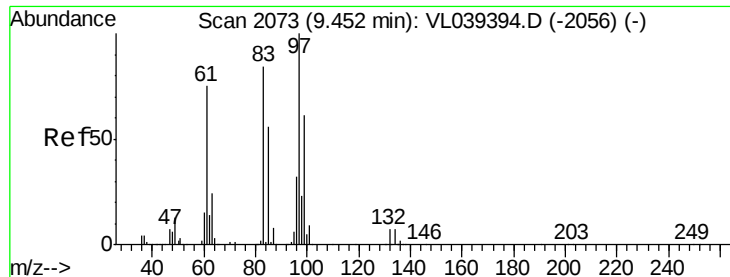


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

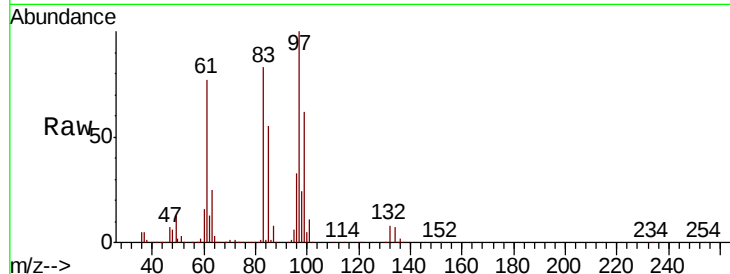
Ion 77.00 (76.70 to 77.70): VL0



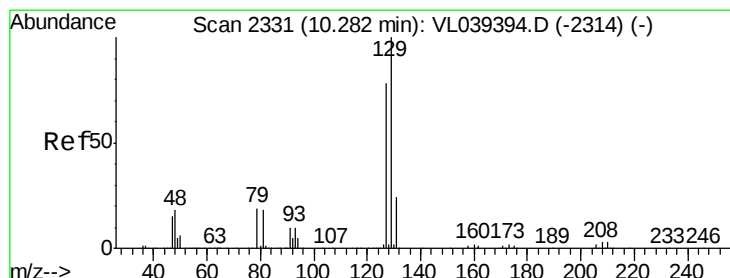
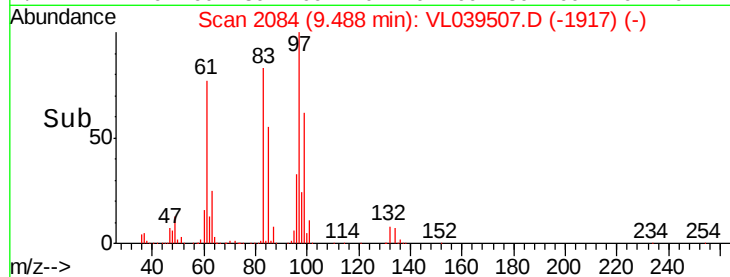
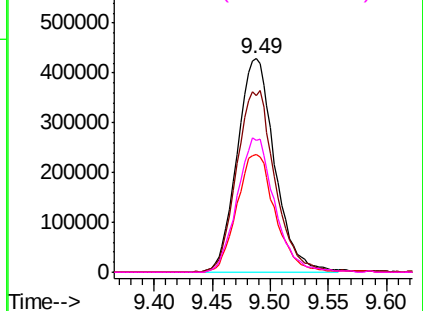


#47
 1,1,2-Trichloroethane
 Concen: 10.908 ppbv
 RT: 9.49
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0719ABS02
 Acq: 20 Jul 2022 10:47

Tot Ion: 97 Resp: 967955
 Ion Ratio Lower Upper
 97 100
 83 82.6 67.4 101.0
 85 55.2 45.1 67.7
 99 61.9 48.6 73.0

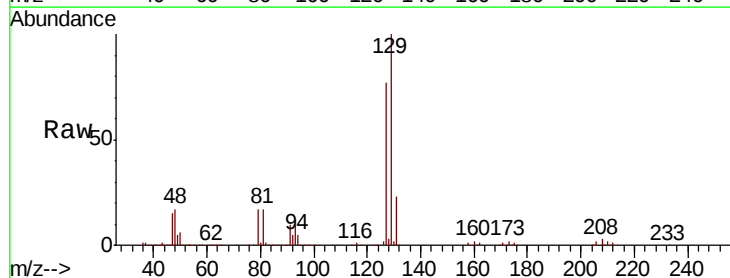


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

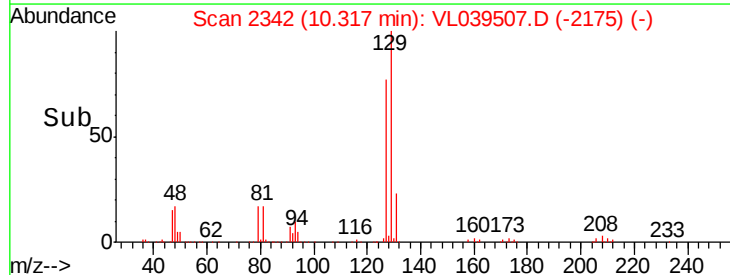
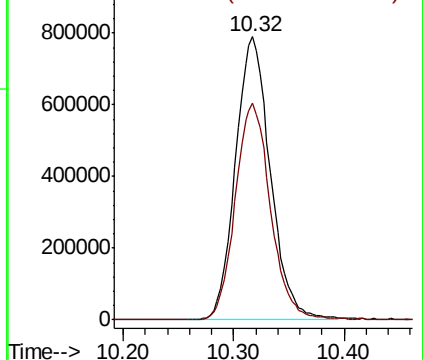


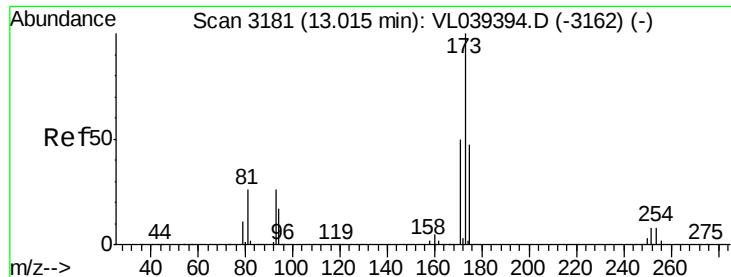
#48
 Dibromochloromethane
 Concen: 12.271 ppbv
 RT: 10.32 min Scan# 2342
 Delta R.T. 0.04 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

Tgt Ion: 129 Resp: 1730716
 Ion Ratio Lower Upper
 129 100
 127 77.9 39.3 117.9



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





#49

Bromoform

Concen: 12.700 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Jul 2022 10:47

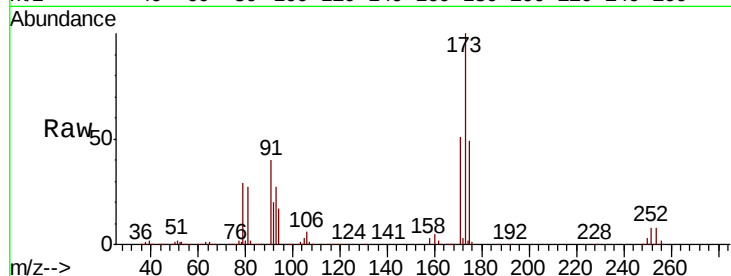
Tot Ion:173 Resp: 1445071

Ion Ratio Lower Upper

173 100

175 50.2 40.3 60.5

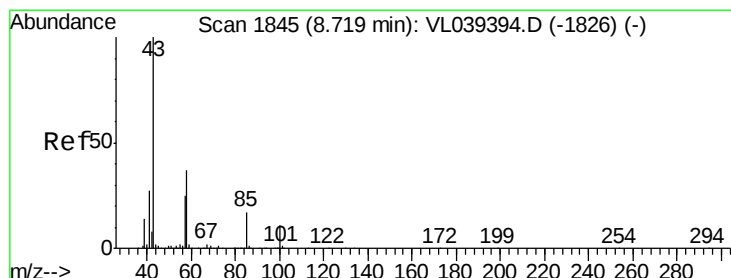
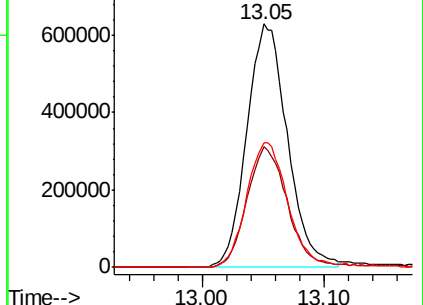
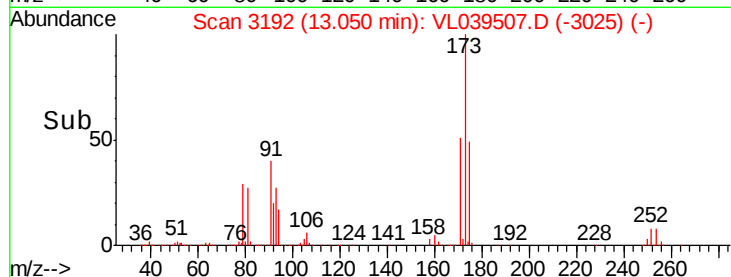
171 52.8 42.9 64.3



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 11.526 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.03 min

Lab File: VL039507.D

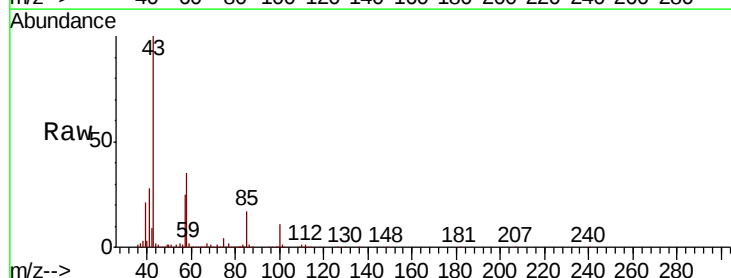
Acq: 20 Jul 2022 10:47

Tgt Ion: 43 Resp: 2399734

Ion Ratio Lower Upper

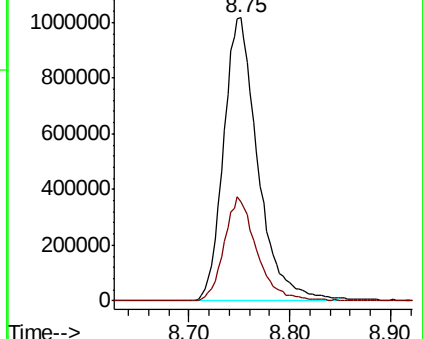
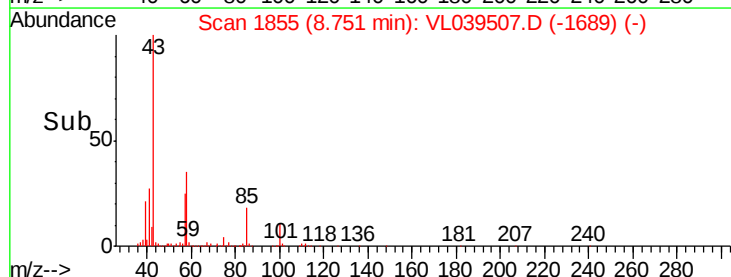
43 100

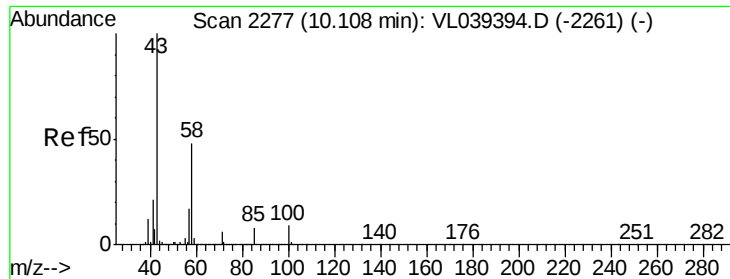
58 35.6 28.8 43.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 11.925 ppbv

RT: 10.14

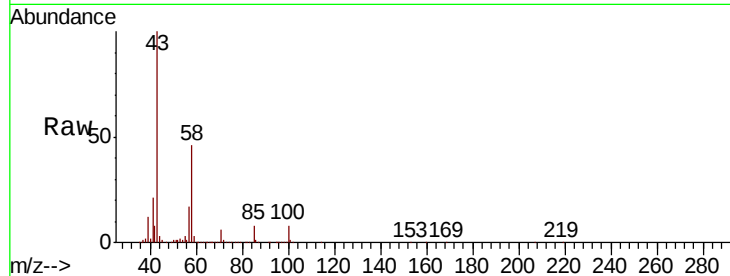
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

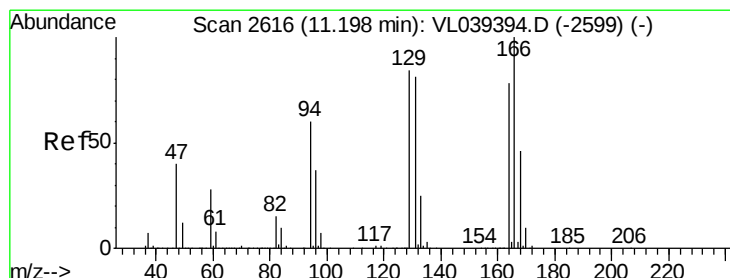
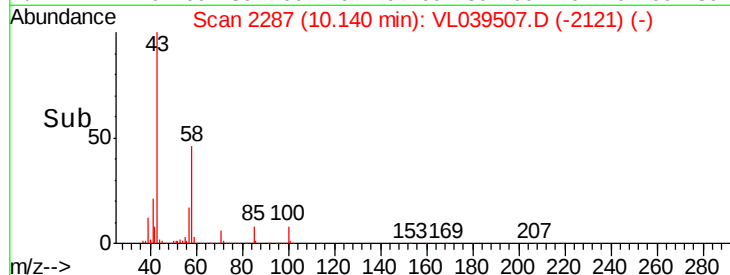
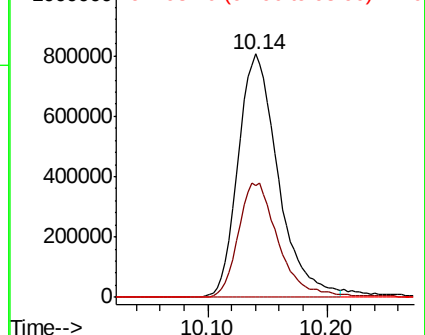
Acq: 20 Jul 2022 10:47

Tot Ion: 43 Resp: 1877982

Ion	Ratio	Lower	Upper
43	100		
58	48.1	38.4	57.6
98	0.5	0.3	0.5#



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: 10.724 ppbv

RT: 11.23 min Scan# 2627

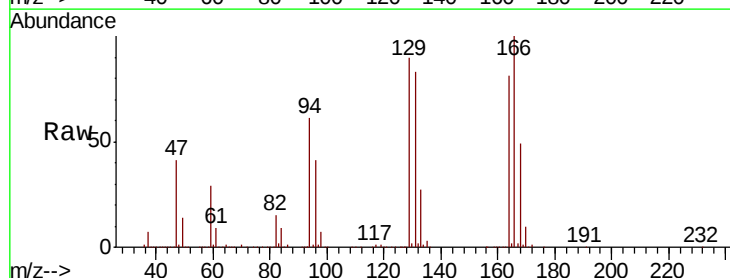
Delta R.T. 0.04 min

Lab File: VL039507.D

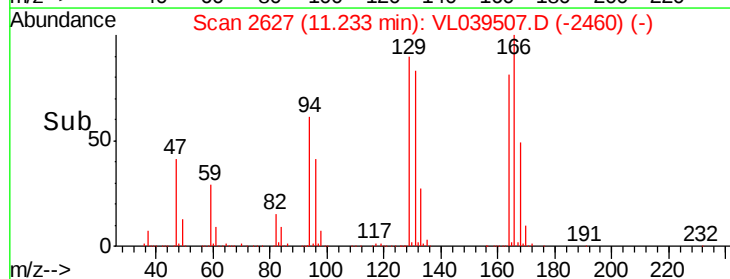
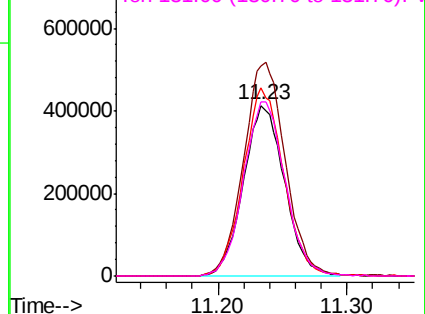
Acq: 20 Jul 2022 10:47

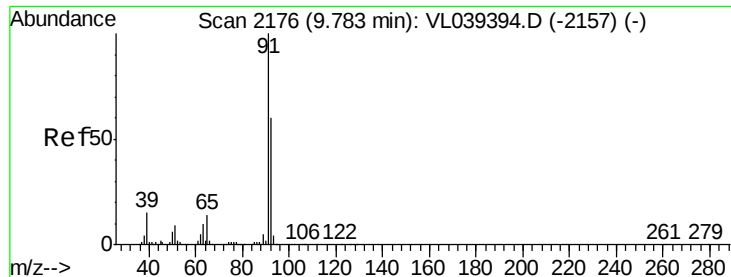
Tgt Ion: 164 Resp: 913941

Ion	Ratio	Lower	Upper
164	100		
166	123.2	102.2	153.2
129	110.5	85.8	128.8
131	102.0	83.3	124.9



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: 11.300 ppbv

RT: 9.82 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

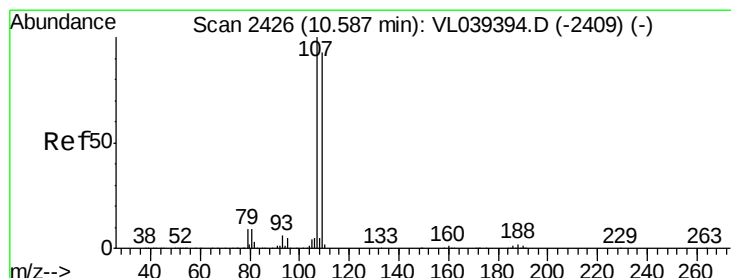
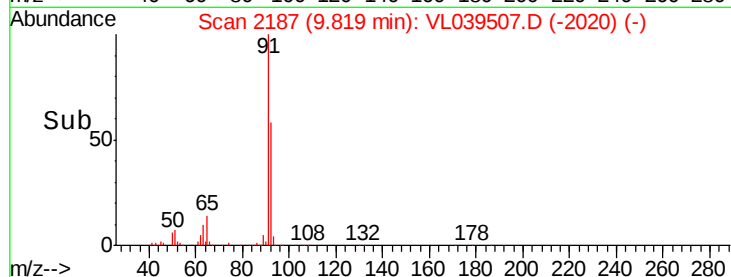
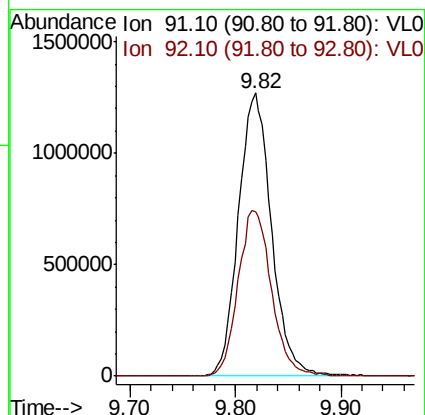
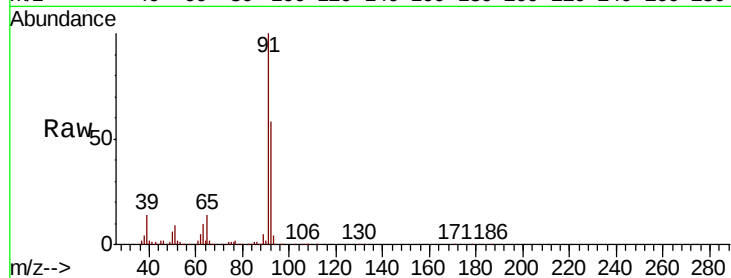
Acq: 20 Jul 2022 10:47 VL0719ABS02

Tot Ion: 91 Resp: 2759324

Ion Ratio Lower Upper

91 100

92 59.6 48.2 72.2



#54

1,2-Dibromoethane

Concen: 11.640 ppbv

RT: 10.62 min Scan# 2437

Delta R.T. 0.04 min

Lab File: VL039507.D

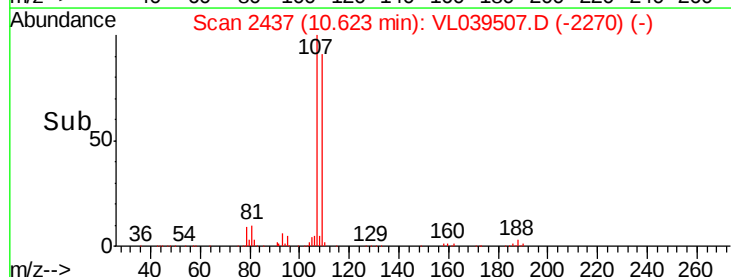
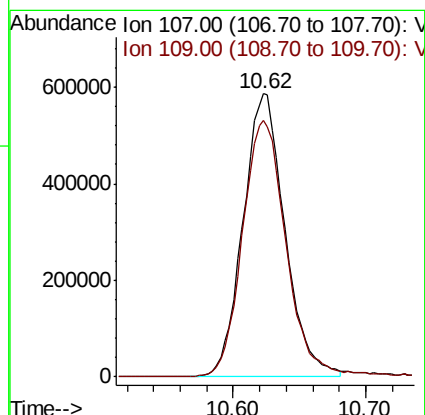
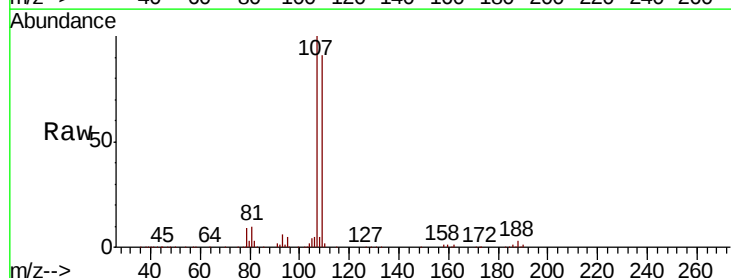
Acq: 20 Jul 2022 10:47

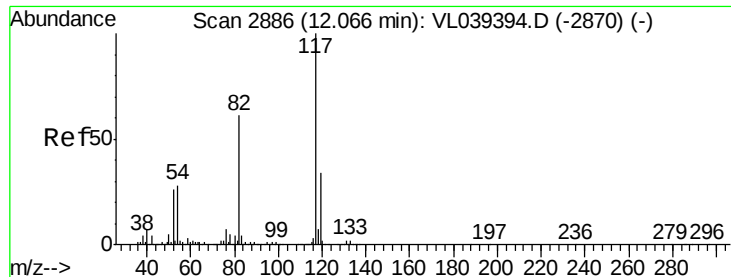
Tgt Ion: 107 Resp: 1285310

Ion Ratio Lower Upper

107 100

109 90.6 74.8 112.2

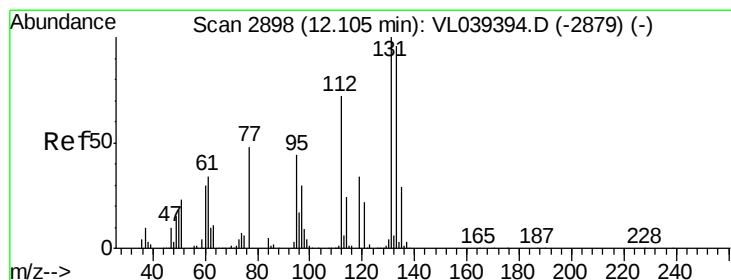
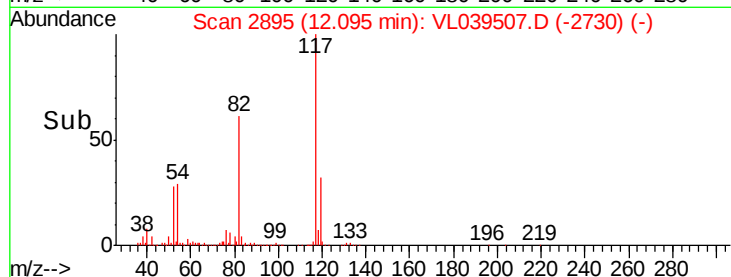
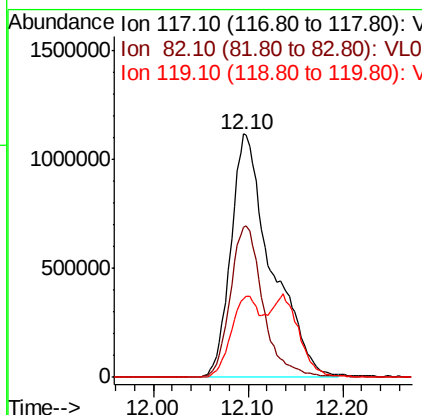
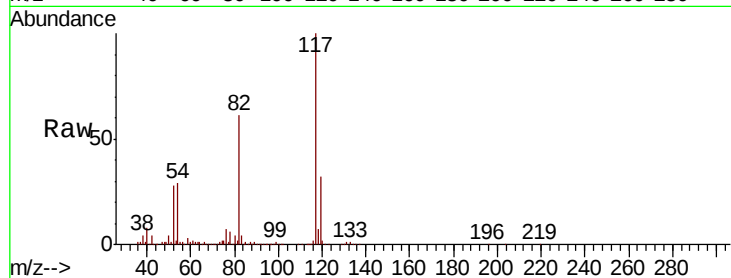




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0719ABS02
 Acq: 20 Jul 2022 10:47

Tot Ion:117 Resp: 3332407

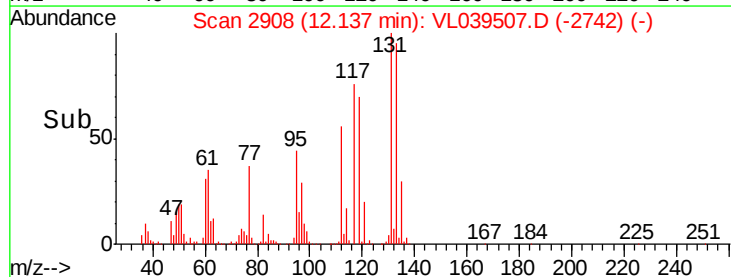
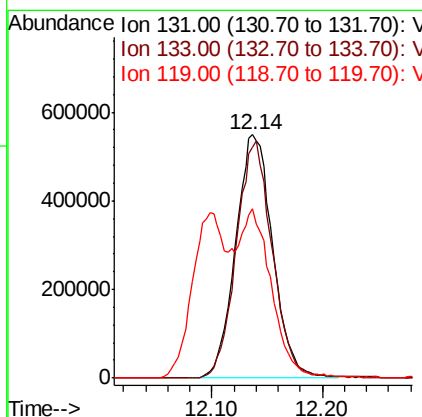
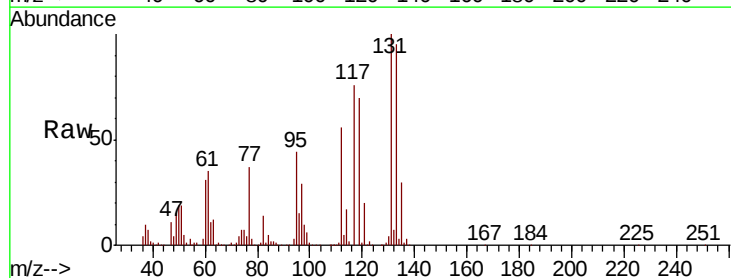
Ion	Ratio	Lower	Upper
117	100		
82	51.0	50.8	76.2
119	22.9	24.1	36.1#

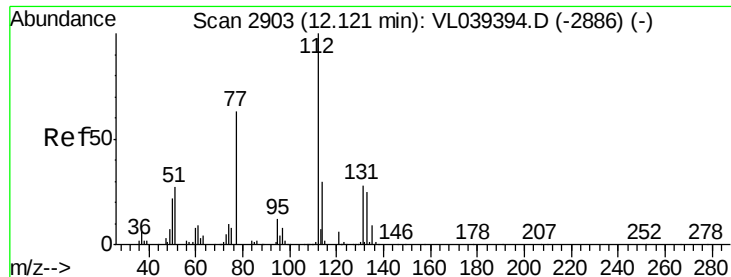


#56
 1,1,1,2-Tetrachloroethane
 Concen: 8.681 ppbv
 RT: 12.14 min Scan# 2908
 Delta R.T.: 0.03 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

Tgt Ion:131 Resp: 1277971

Ion	Ratio	Lower	Upper
131	100		
133	95.0	76.8	115.2
119	67.9	46.2	69.4





#57

Chlorobenzene

Concen: 8.415 ppbv

RT: 12.16

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Jul 2022 10:47

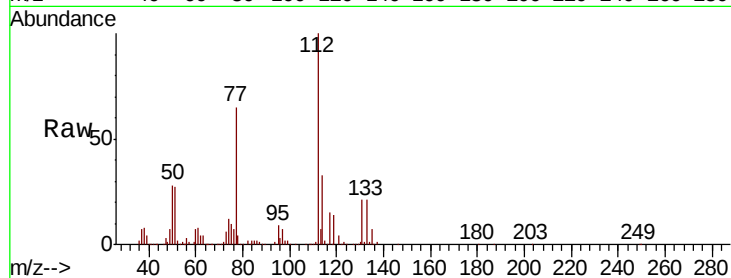
Tot Ion: 112 Resp: 2174101

Ion Ratio Lower Upper

112 100

77 64.4 51.0 76.4

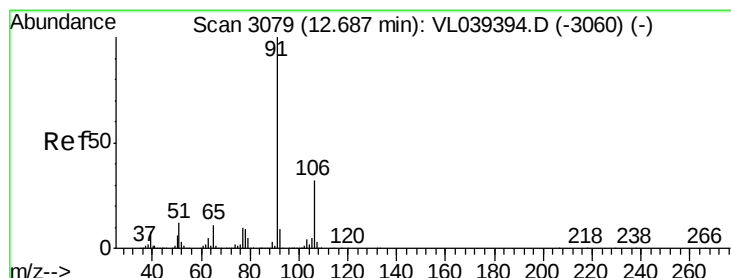
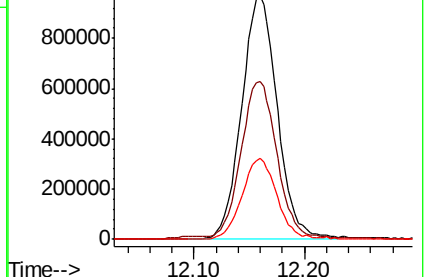
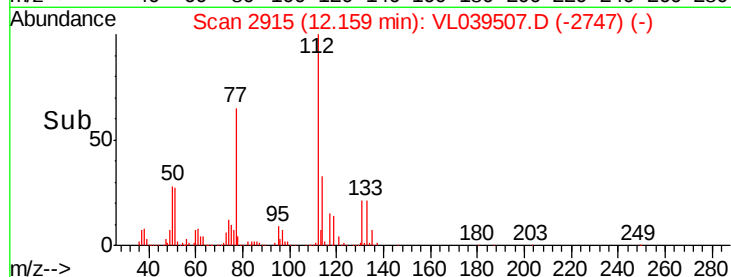
114 33.1 27.5 33.6



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 8.741 ppbv

RT: 12.72 min Scan# 3090

Delta R.T. 0.04 min

Lab File: VL039507.D

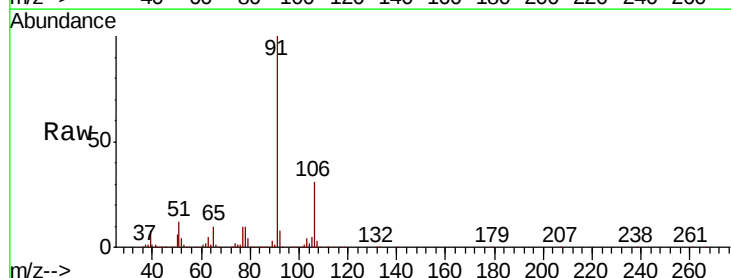
Acq: 20 Jul 2022 10:47

Tgt Ion: 91 Resp: 3761068

Ion Ratio Lower Upper

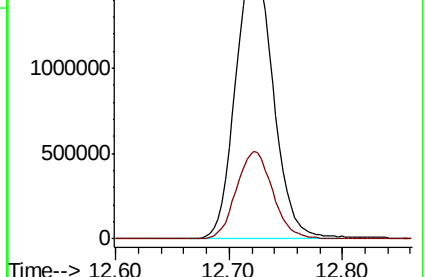
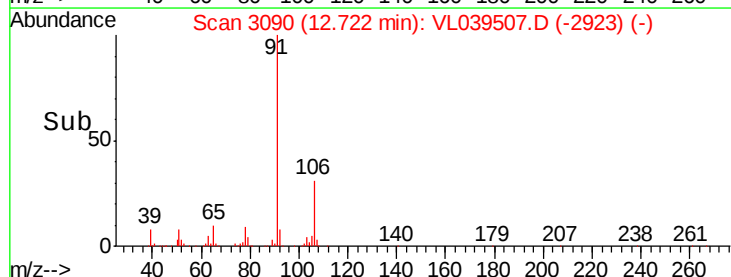
91 100

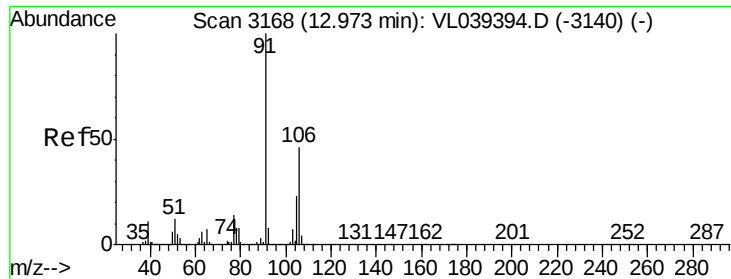
106 31.1 25.4 38.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

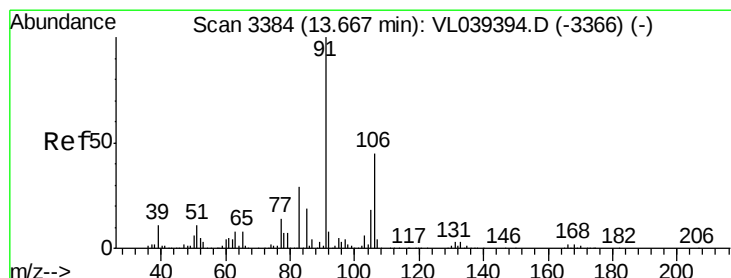
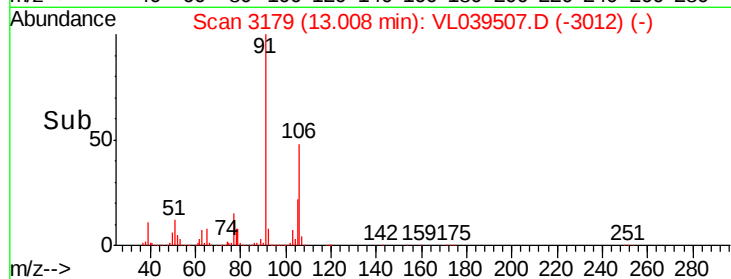
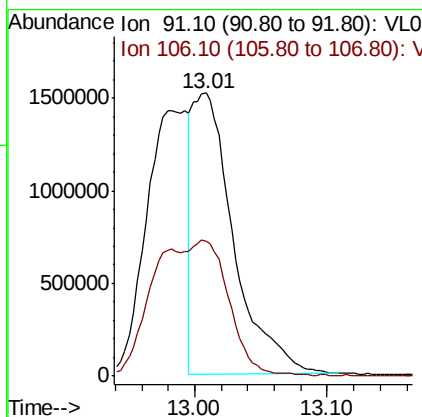
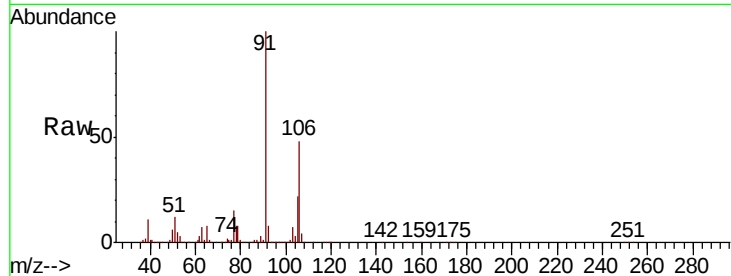
Ion 106.10 (105.80 to 106.80): V





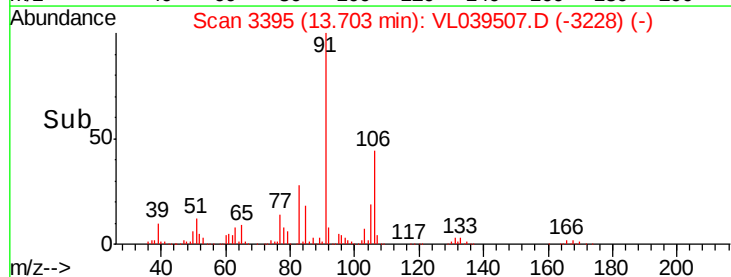
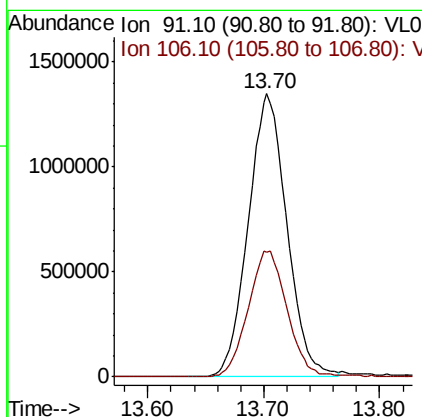
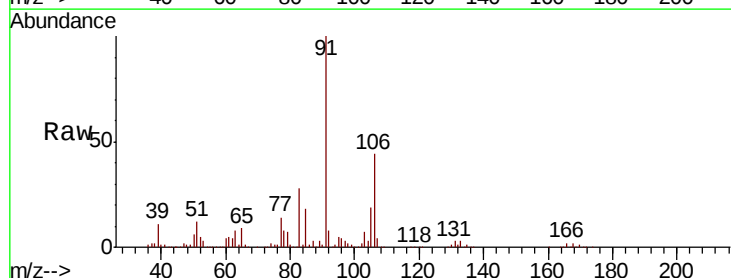
#59
m/p-Xylene
Concen: 8.580 ppbv
RT: 13.01 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0719ABS02
Acq: 20 Jul 2022 10:47

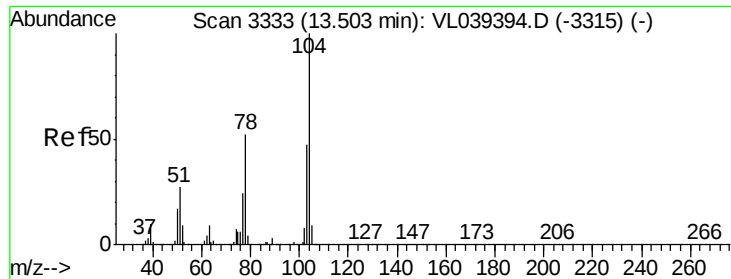
Tot Ion: 91 Resp: 3254903
Ion Ratio Lower Upper
91 100
106 89.4 35.4 53.2#



#60
o-Xylene
Concen: 8.697 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.04 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

Tgt Ion: 91 Resp: 3124240
Ion Ratio Lower Upper
91 100
106 45.7 22.4 67.3





#61

Stvrene

Concen: 9.735 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Jul 2022 10:47

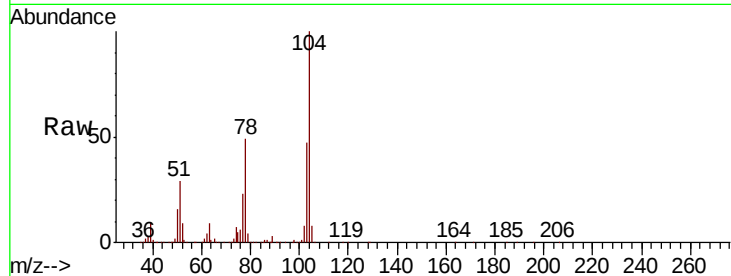
Tot Ion:104 Resp: 1894353

Ion Ratio Lower Upper

104 100

78 51.4 41.2 61.8

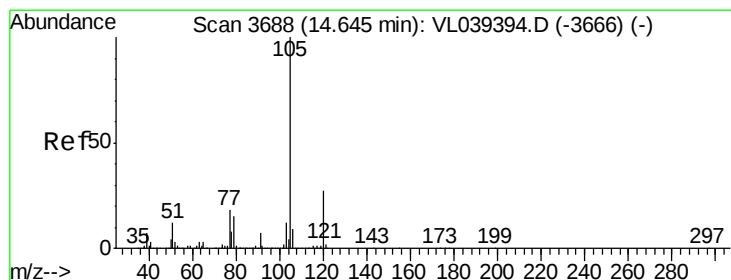
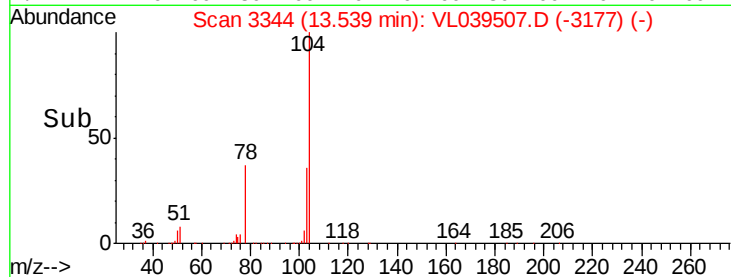
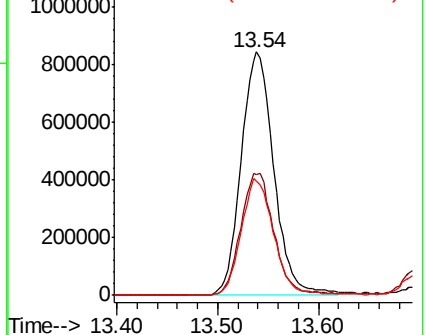
103 48.0 38.7 58.1



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: 8.492 ppbv

RT: 14.68 min Scan# 3698

Delta R.T. 0.03 min

Lab File: VL039507.D

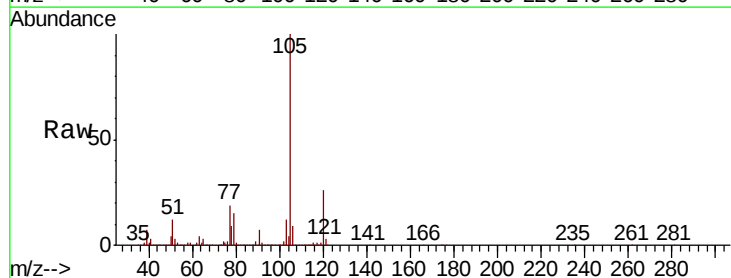
Acq: 20 Jul 2022 10:47

Tgt Ion:105 Resp: 4645407

Ion Ratio Lower Upper

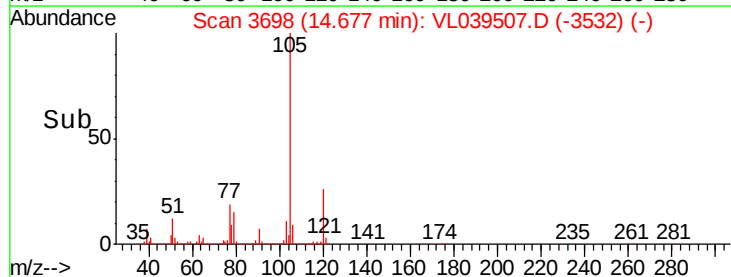
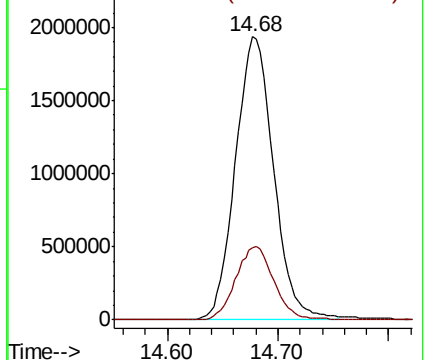
105 100

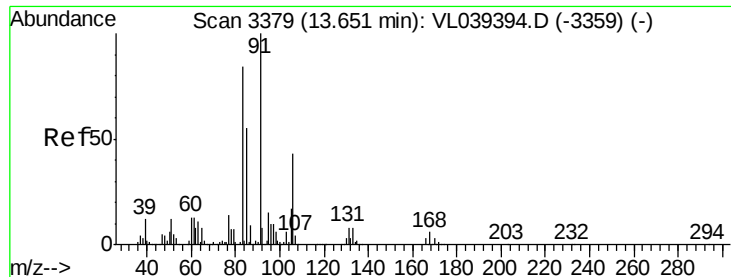
120 26.1 20.7 31.1



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: 7.649 ppbv

RT: 13.69

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Jul 2022 10:47

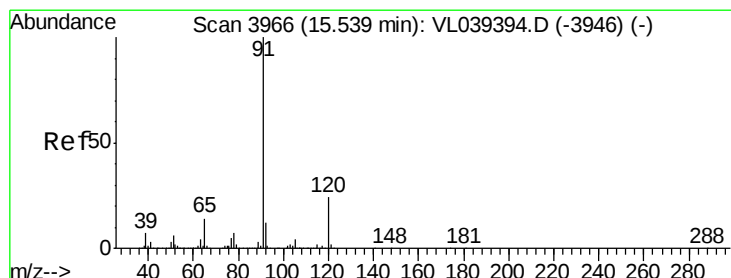
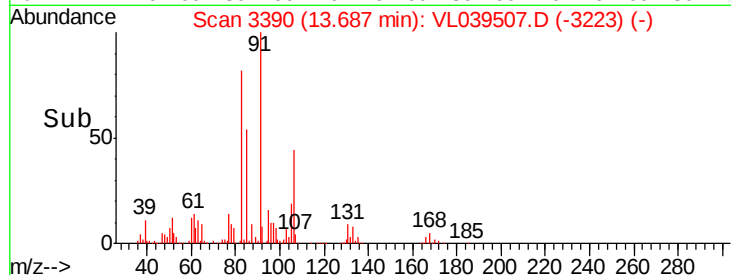
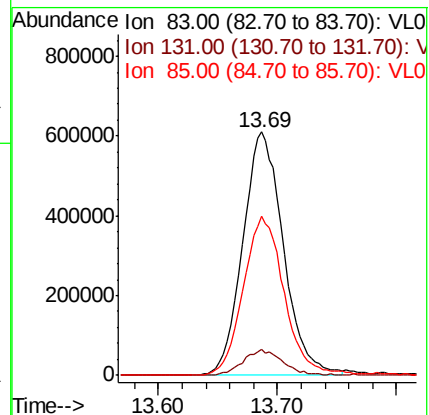
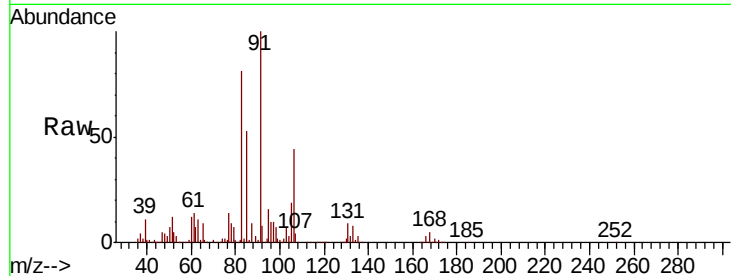
Tot Ion: 83 Resp: 1440162

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

85 66.9 33.1 99.5



#64

n-propylbenzene

Concen: 8.853 ppbv

RT: 15.57 min Scan# 3977

Delta R.T. 0.04 min

Lab File: VL039507.D

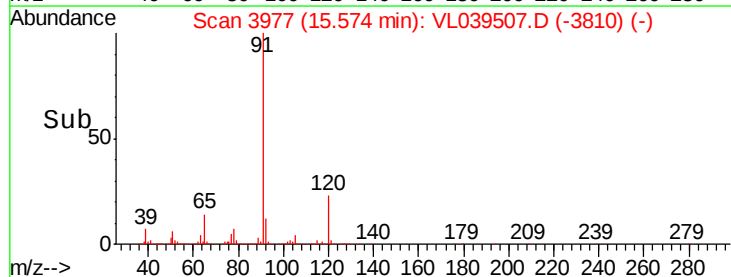
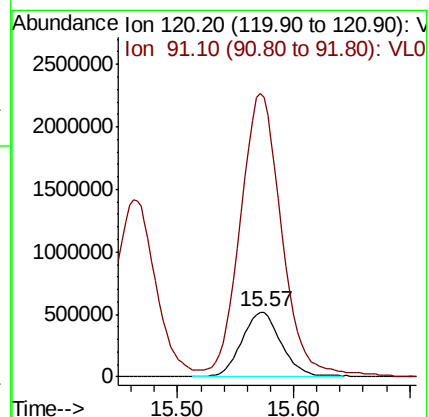
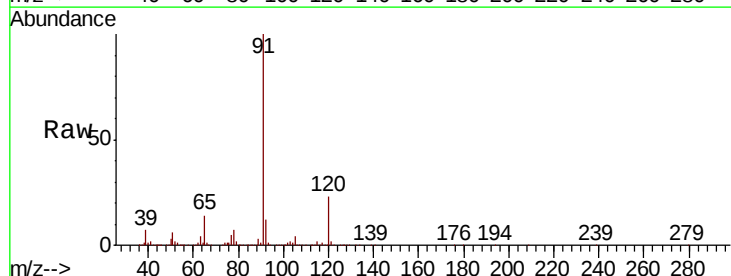
Acq: 20 Jul 2022 10:47

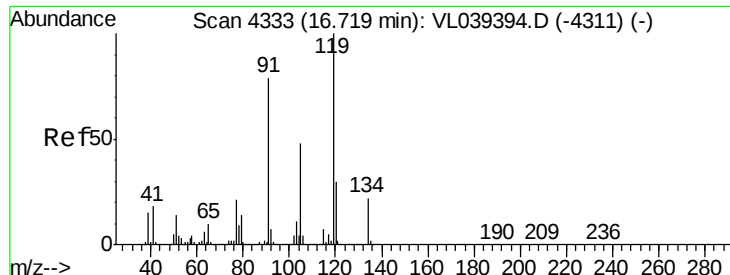
Tgt Ion:120 Resp: 1227570

Ion Ratio Lower Upper

120 100

91 460.6 367.2 550.8

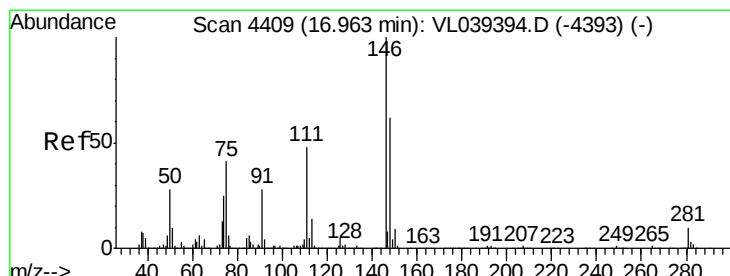
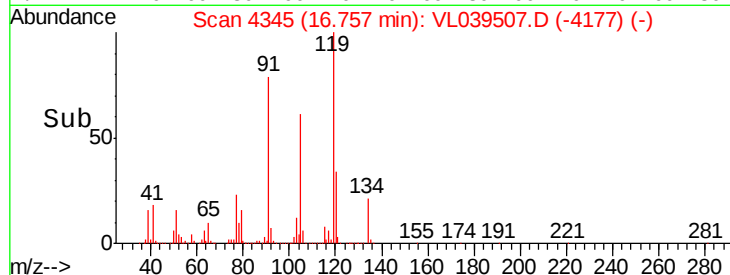
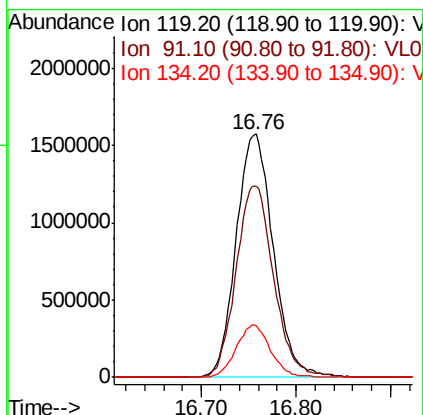
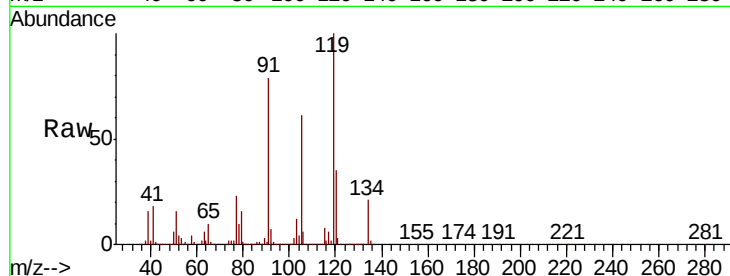




#65
tert-Butylbenzene
Concen: 8.472 ppbv
RT: 16.76 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0719ABS02
Acq: 20 Jul 2022 10:47

Tot Ion: 119 Resp: 4282888

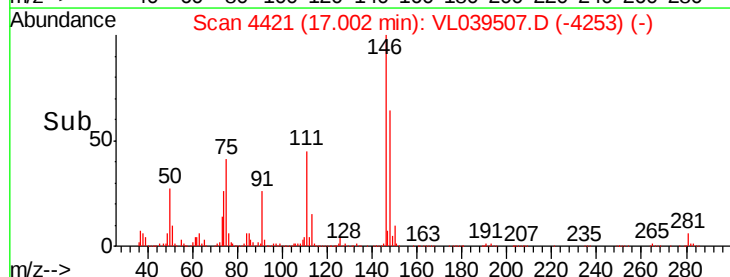
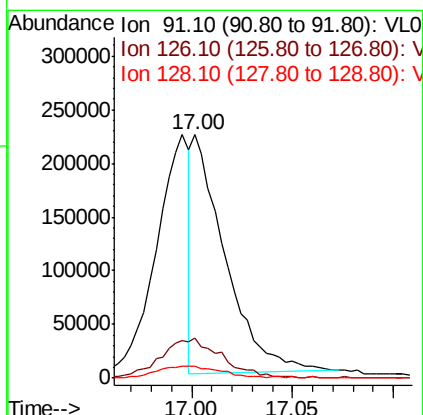
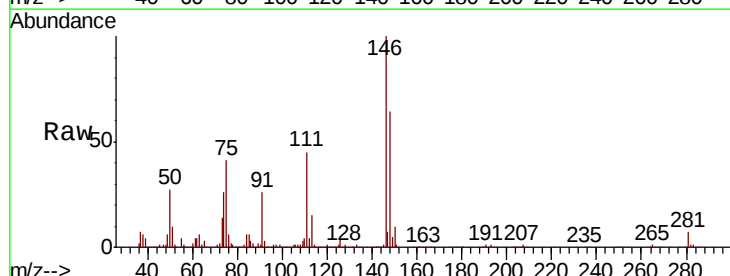
Ion	Ratio	Lower	Upper
119	100		
91	80.0	63.4	95.2
134	20.0	15.9	23.9

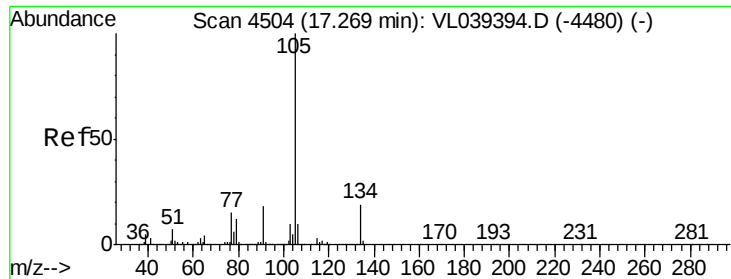


#66
Benzyl Chloride
Concen: 5.199 ppbv
RT: 17.00 min Scan# 4421
Delta R.T. 0.04 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

Tgt Ion: 91 Resp: 249741

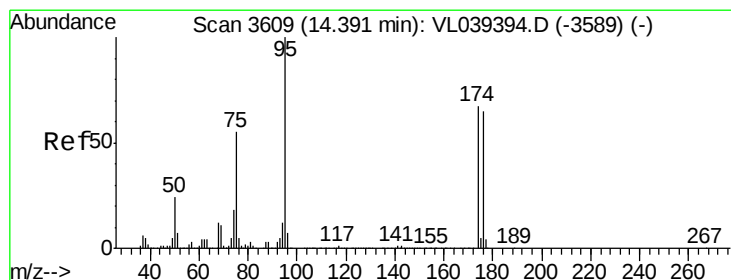
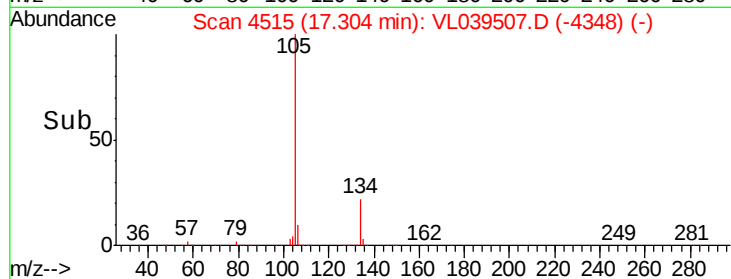
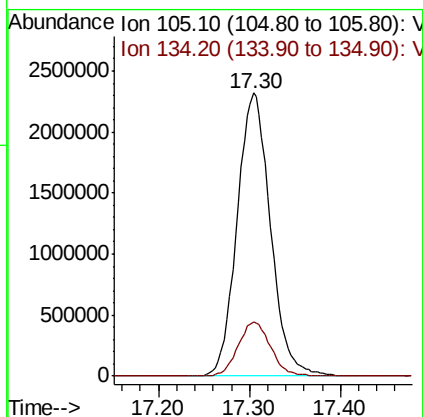
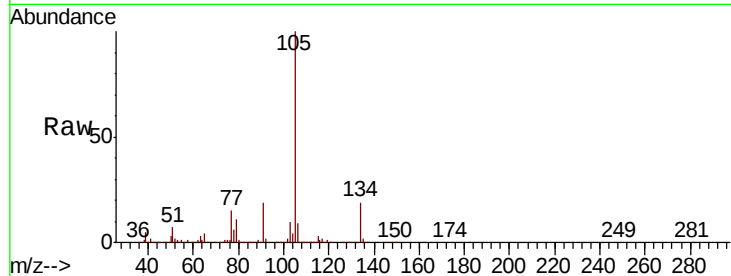
Ion	Ratio	Lower	Upper
91	100		
126	32.4	13.1	19.7#
128	10.7	4.4	6.6#





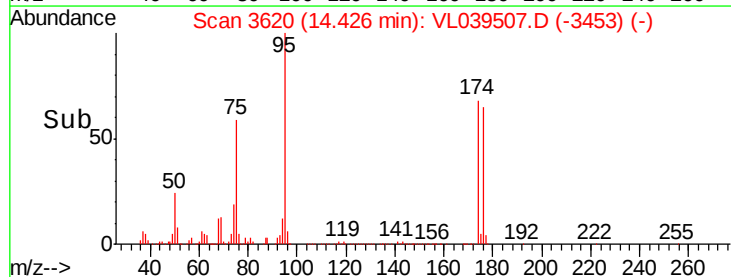
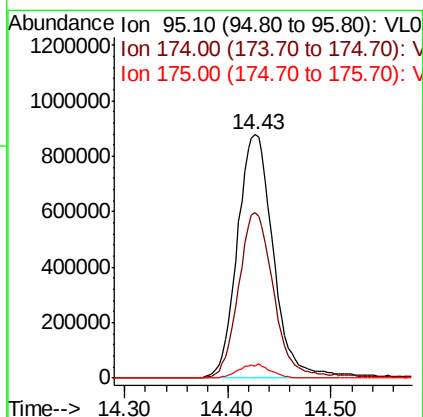
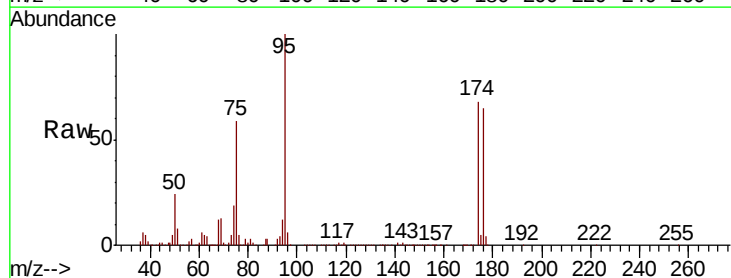
#67
 sec-Butylbenzene
 Concen: 8.649 ppbv
 RT: 17.30 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0719ABS02
 Acq: 20 Jul 2022 10:47

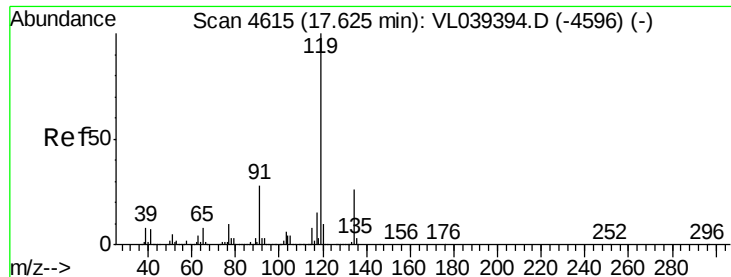
Tot Ion: 105 Resp: 5889166
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.562 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T. 0.04 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

Tgt Ion: 95 Resp: 2116713
 Ion Ratio Lower Upper
 95 100
 174 68.2 55.9 83.9
 175 5.3 4.2 6.4

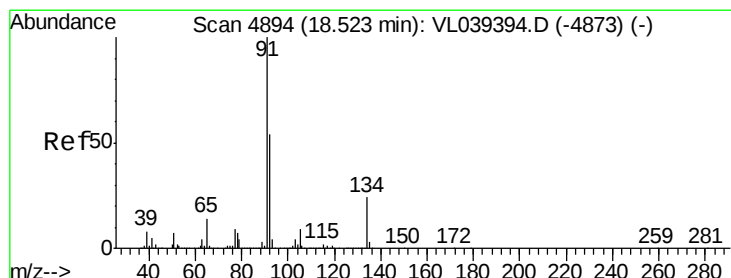
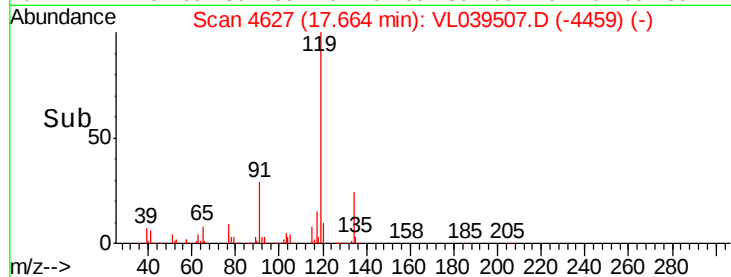
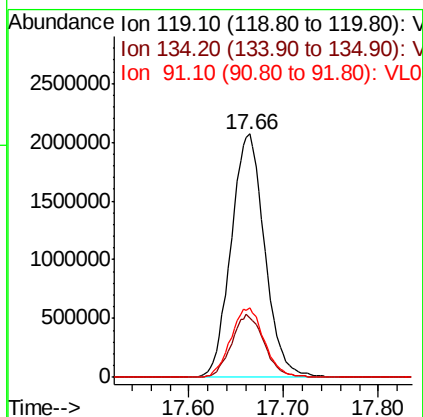
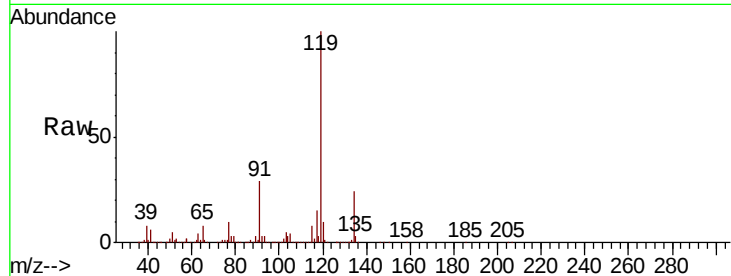




#69
 p-Isopropyltoluene
 Concen: 8.811 ppbv
 RT: 17.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0719ABS02
 Acq: 20 Jul 2022 10:47

Tot Ion: 119 Resp: 5090178

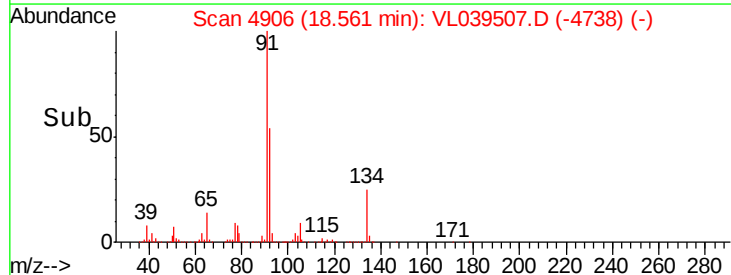
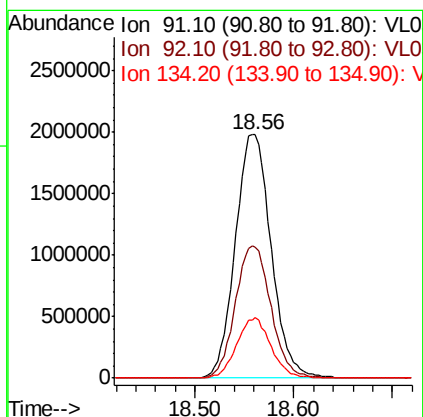
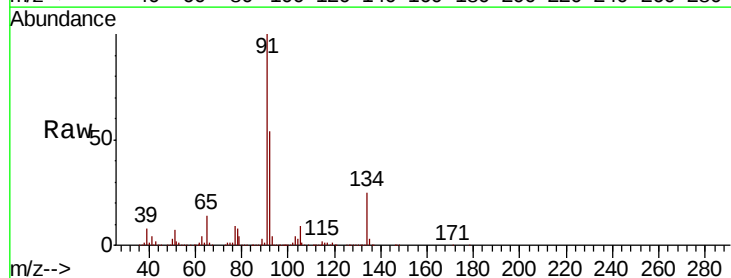
Ion	Ratio	Lower	Upper
119	100		
134	25.2	20.3	30.5
91	28.5	22.9	34.3

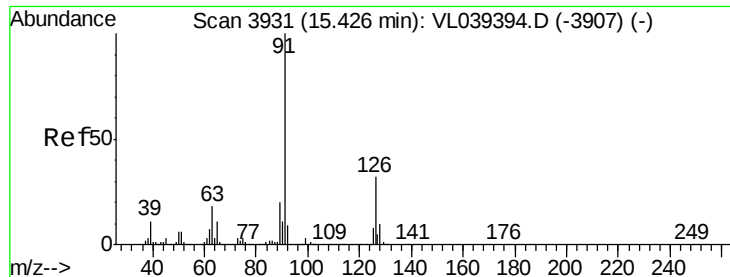


#70
 n-Butylbenzene
 Concen: 8.887 ppbv
 RT: 18.56 min Scan# 4906
 Delta R.T. 0.04 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

Tgt Ion: 91 Resp: 4983414

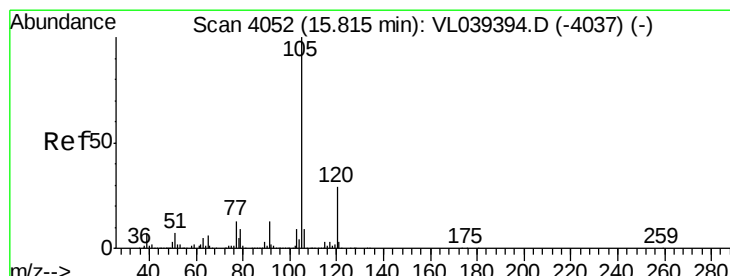
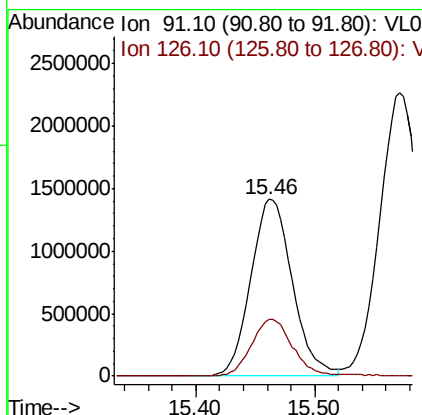
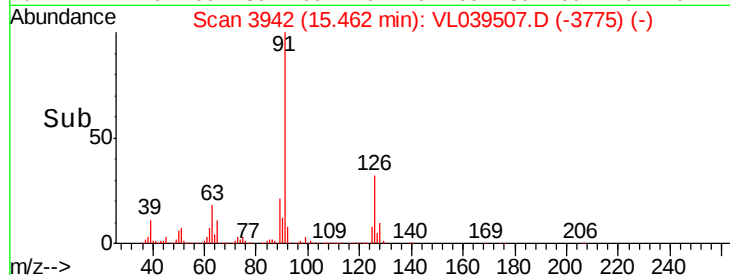
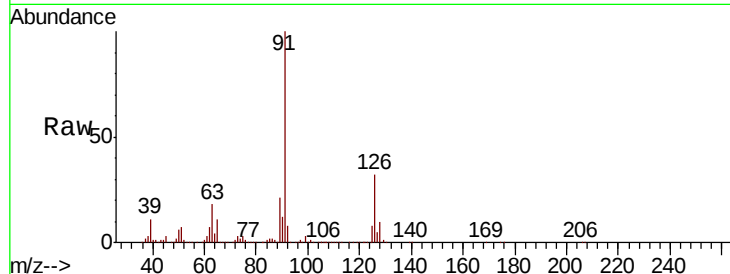
Ion	Ratio	Lower	Upper
91	100		
92	54.3	43.4	65.2
134	23.8	18.9	28.3





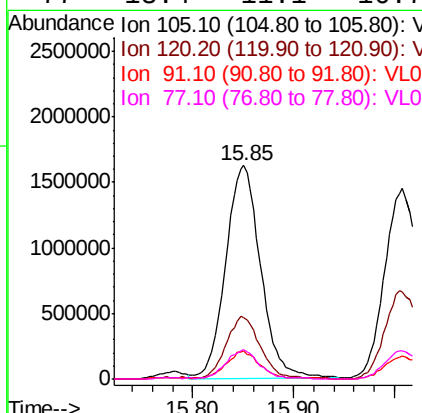
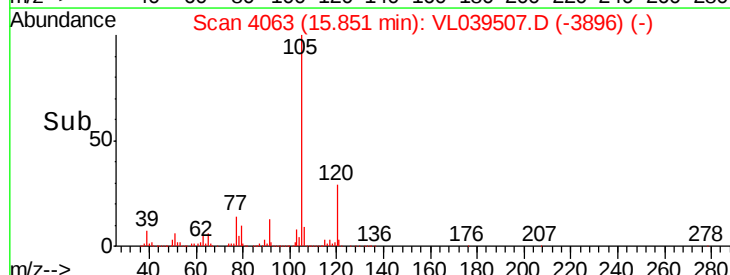
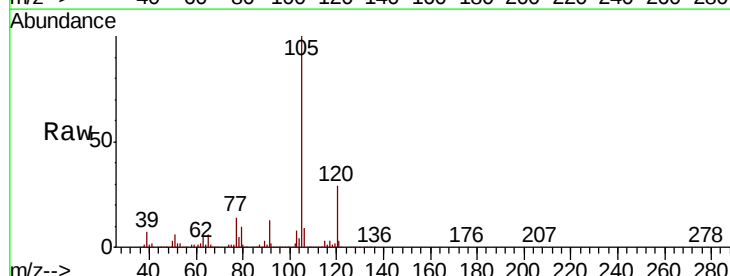
#71
 2-Chlorotoluene
 Concen: 8.757 ppbv
 RT: 15.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0719ABS02
 Acq: 20 Jul 2022 10:47

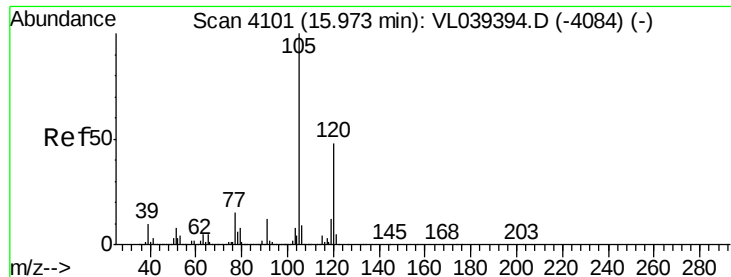
Tot Ion: 91 Resp: 3428746
 Ion Ratio Lower Upper
 91 100
 126 32.6 13.0 51.8



#72
 4-Ethyltoluene
 Concen: 9.195 ppbv
 RT: 15.85 min Scan# 4063
 Delta R.T. 0.04 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

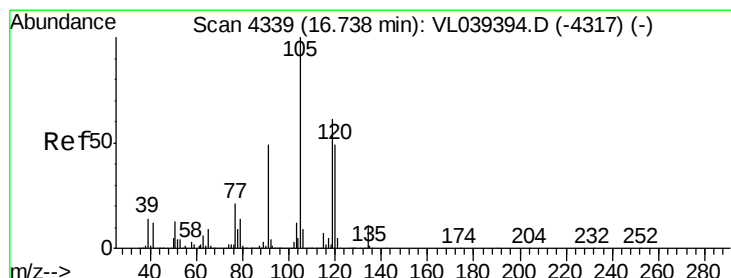
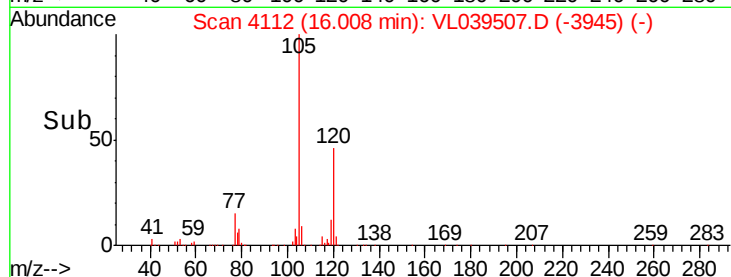
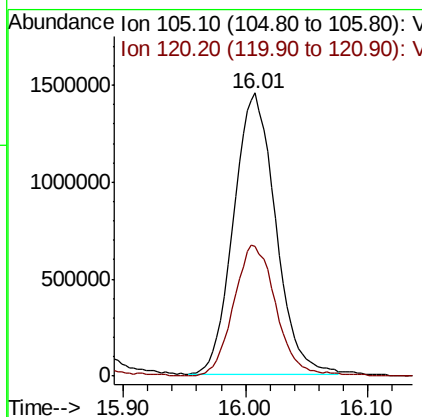
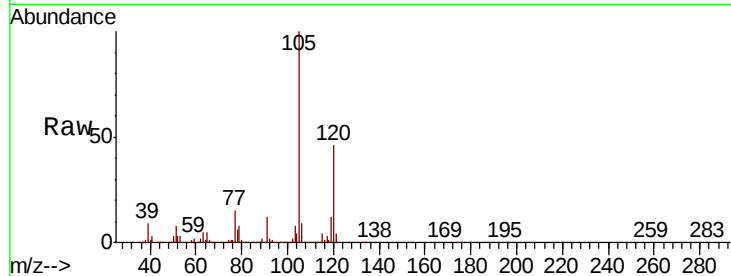
Tgt Ion:105 Resp: 3883397
 Ion Ratio Lower Upper
 105 100
 120 29.3 24.2 36.2
 91 12.5 10.2 15.4
 77 13.4 11.1 16.7





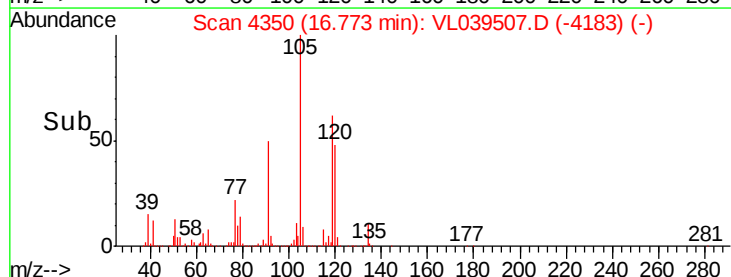
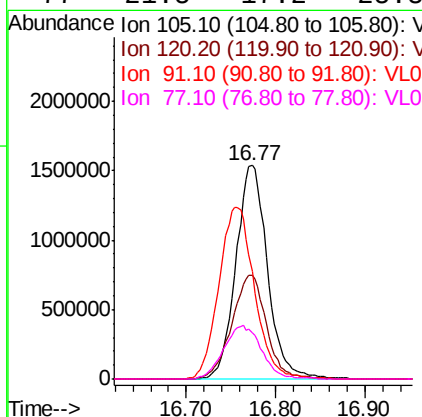
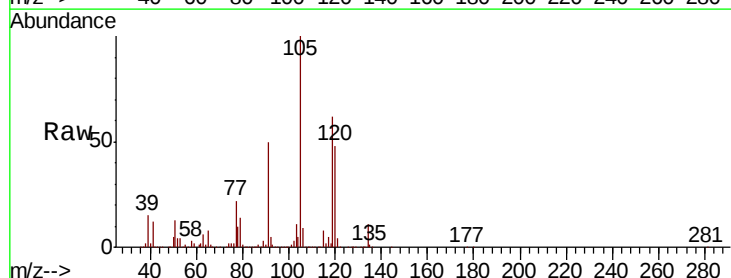
#73
 1,3,5-Trimethylbenzene
 Concen: 8.889 ppbv
 RT: 16.01 min
 Delta R.T. 0.04 min
 Lab File: VL0719ABS02
 Acq: 20 Jul 2022 10:47

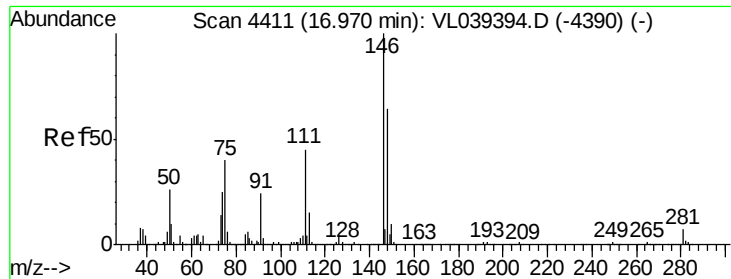
Tot Ion:105 Resp: 3447955
 Ion Ratio Lower Upper
 105 100
 120 45.8 38.2 57.4



#74
 1,2,4-Trimethylbenzene
 Concen: 8.831 ppbv
 RT: 16.77 min Scan# 4350
 Delta R.T. 0.04 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

Tgt Ion:105 Resp: 3789611
 Ion Ratio Lower Upper
 105 100
 120 48.3 39.5 59.3
 91 49.9 39.2 58.8
 77 21.5 17.2 25.8

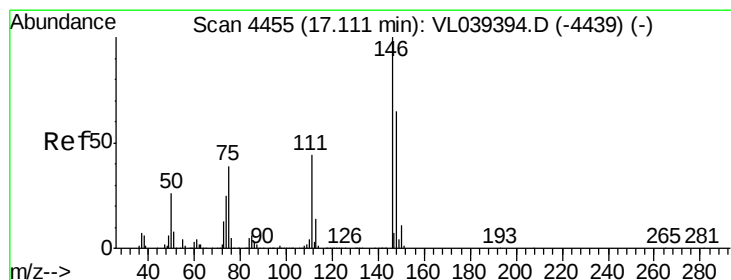
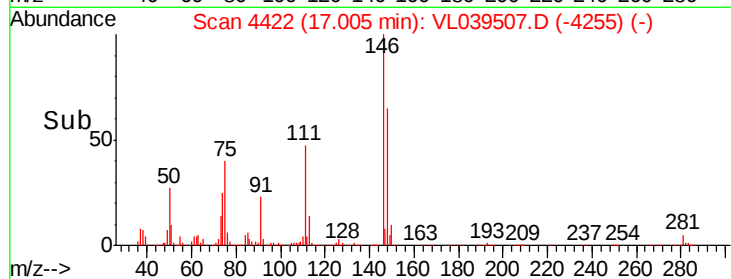
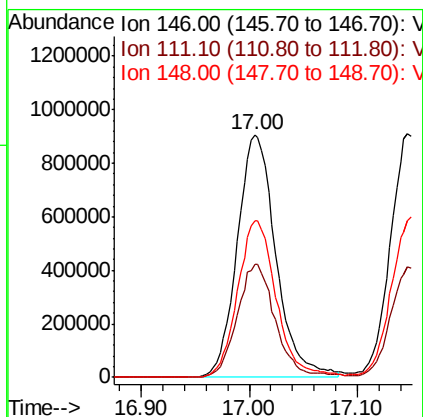
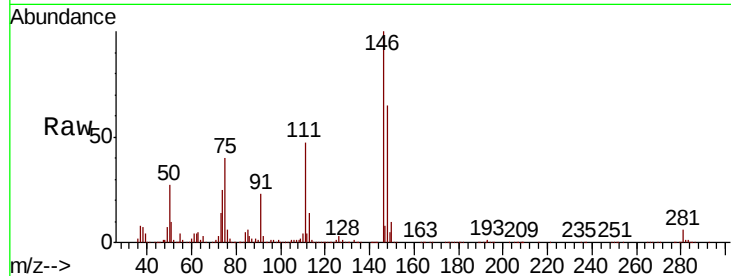




#75
 1,3-Dichlorobenzene
 Concen: 8.834 ppbv
 RT: 17.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0719ABS02
 Acq: 20 Jul 2022 10:47

Tot Ion:146 Resp: 2261271

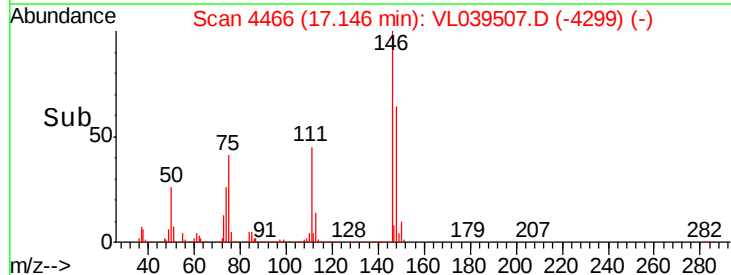
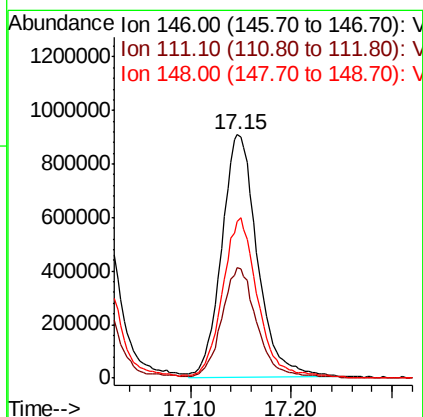
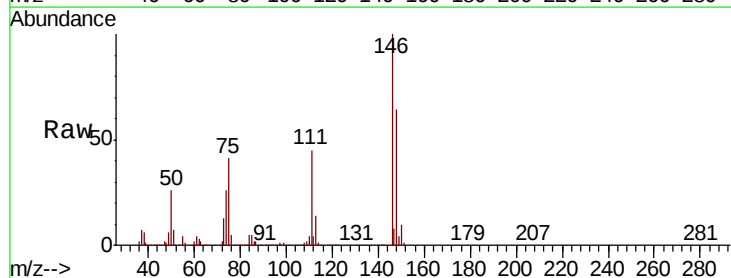
Ion	Ratio	Lower	Upper
146	100		
111	46.3	22.9	68.7
148	64.5	32.1	96.5

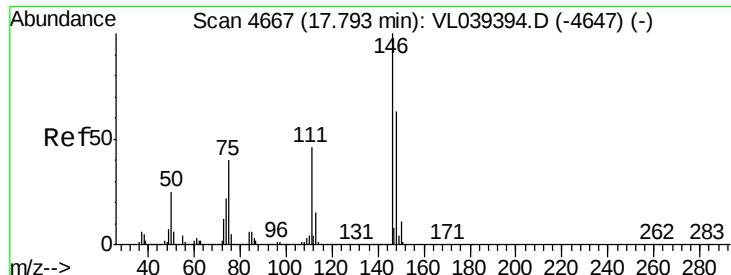


#76
 1,4-Dichlorobenzene
 Concen: 8.757 ppbv
 RT: 17.15 min Scan# 4466
 Delta R.T. 0.04 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

Tgt Ion:146 Resp: 2221599

Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.9	68.8
148	65.5	33.6	100.8

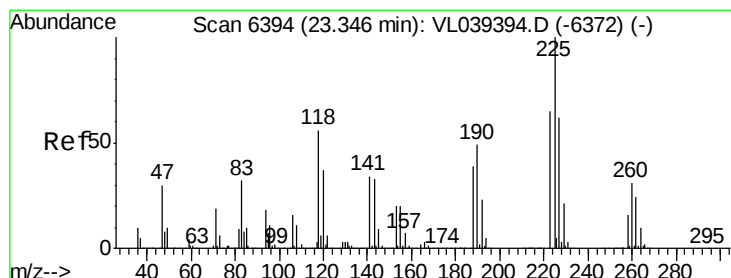
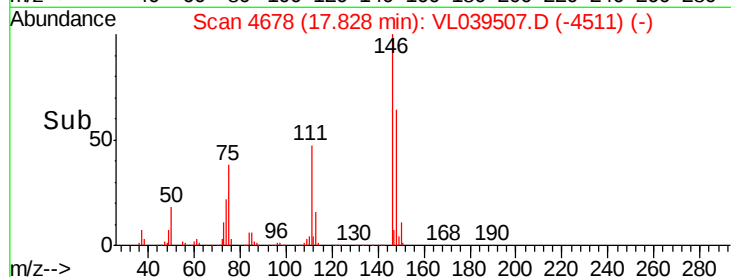
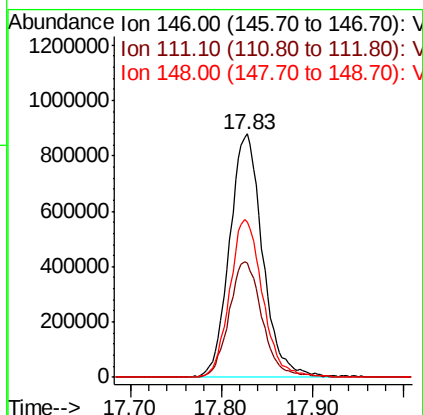
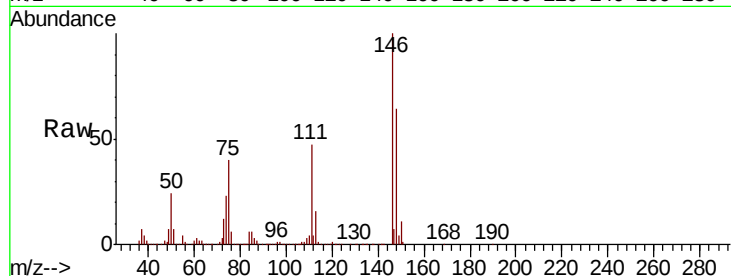




#77
 1,2-Dichlorobenzene
 Concen: 8.699 ppbv
 RT: 17.83 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0719ABS02
 Acq: 20 Jul 2022 10:47

Tot Ion:146 Resp: 2207174

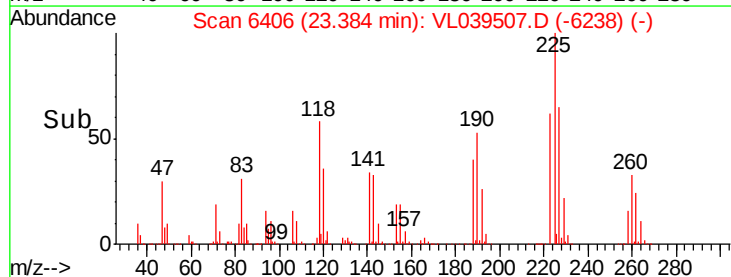
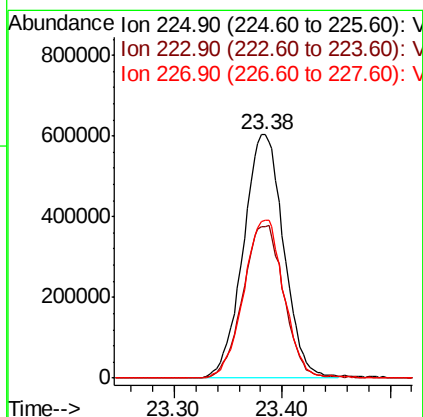
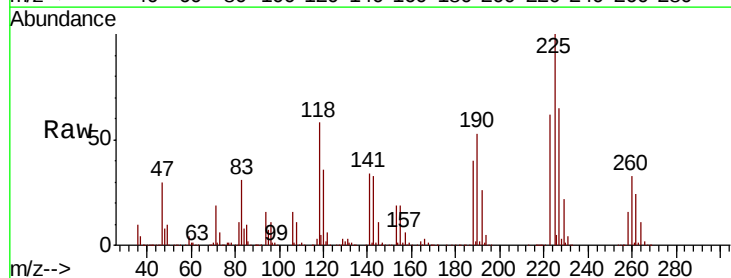
Ion	Ratio	Lower	Upper
146	100		
111	48.1	23.8	71.5
148	64.9	32.3	96.8

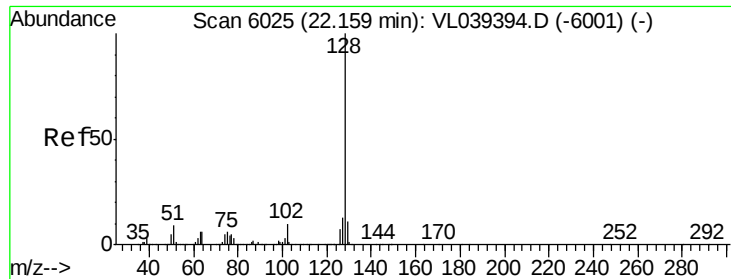


#78
 Hexachloro-1,3-Butadiene
 Concen: 7.686 ppbv
 RT: 23.38 min Scan# 6406
 Delta R.T. 0.04 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

Tgt Ion:225 Resp: 1568405

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.8	77.6
227	65.1	51.4	77.2





#79

Naphthalene

Concen: 10.563 ppbv

RT: 22.21

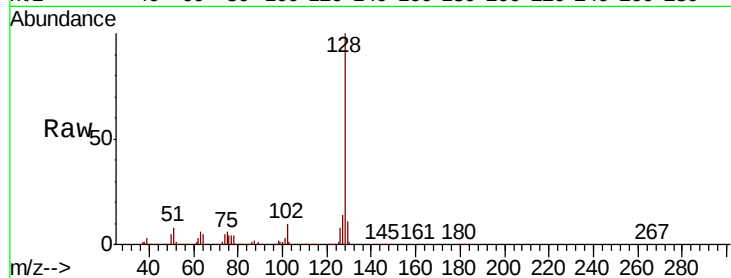
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Jul 2022 10:47

Tot Ion:128 Resp: 3119481

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	11.2	8.8	13.2

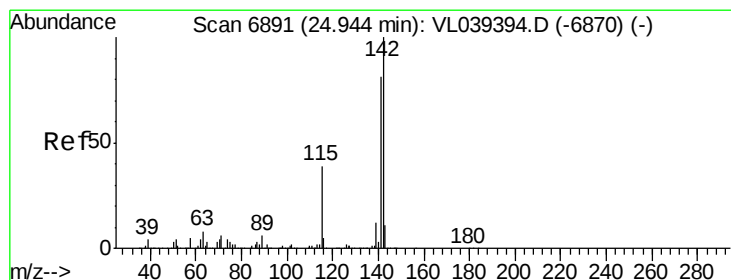
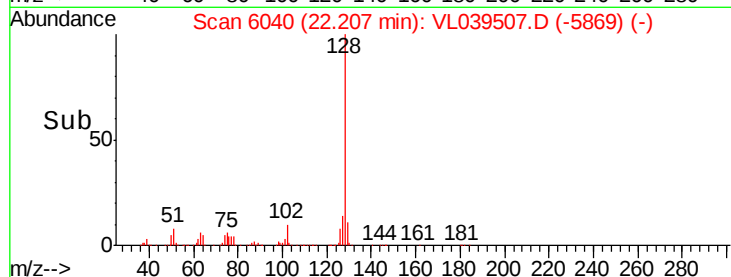
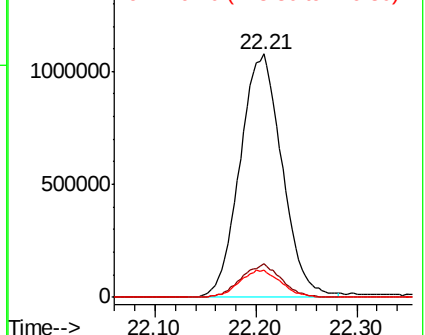


Abundance

Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 11.670 ppbv

RT: 24.98 min Scan# 6901

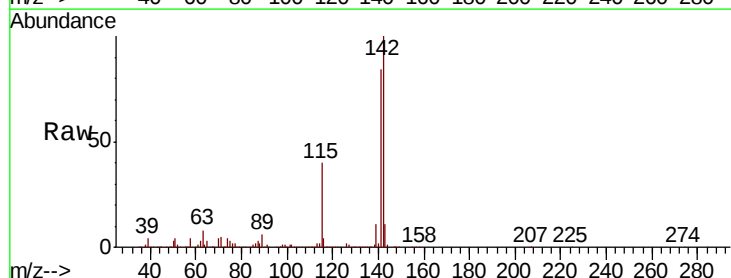
Delta R.T. 0.03 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

Tgt Ion:142 Resp: 1172918

Ion	Ratio	Lower	Upper
142	100		
141	84.0	68.9	103.3
115	40.8	30.0	45.0

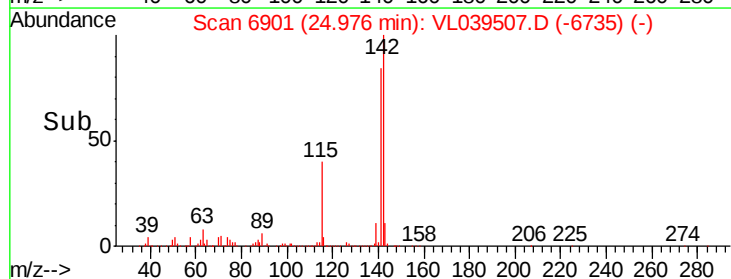
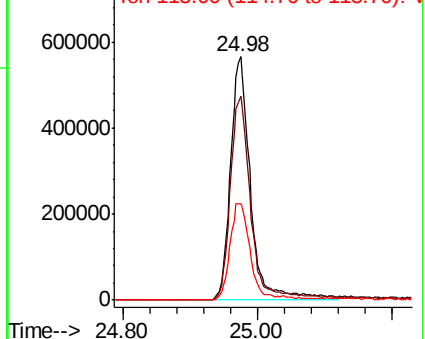


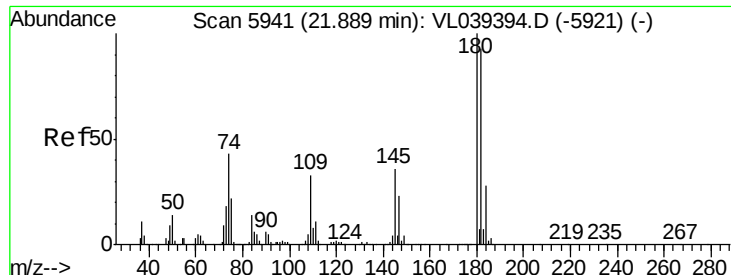
Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81

1,2,4-Trichlorobenzene

Concen: 9.149 ppbv

RT: 21.93

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VL0719ABS02

Acq: 20 Jul 2022 10:47

Tot Ion:180 Resp: 1759759

Ion Ratio Lower Upper

180 100

182 97.3 77.1 115.7

184 30.6 24.3 36.5

