

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060622\
 Data File : VL039201.D
 Acq On : 7 Jun 2022 2:00
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :

Quant Time: Jun 07 03:20:40 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1217179	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3514745	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	3479734	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2497189	8.68	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	86.80%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	1651743	7.726	ppbv 99
3) Chlorodifluoromethane	2.99	51	1590661	10.271	ppbv 94
4) Chloromethane	3.14	50	878421	11.042	ppbv 99
5) Vinyl Chloride	3.26	62	831178	11.177	ppbv 96
6) Bromomethane	3.48	94	400698	10.953	ppbv 96
7) Chloroethane	3.56	64	291573	11.252	ppbv 96
8) Dichlorotetrafluoroethane	3.19	85	1989799	10.184	ppbv 95
9) Propene	3.01	41	821811	12.170	ppbv 99
10) Heptane	8.12	43	1983479	12.591	ppbv 98
11) Trichlorofluoromethane	3.95	101	1786680	9.232	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1290537	10.084	ppbv 97
13) Ethanol	3.60	45	21112	5.733	ppbv # 100
14) Bromoethene	3.74	108	616030	10.707	ppbv 99
15) Acetone	3.84	43	1371292	10.815	ppbv 99
16) 1,3-Butadiene	3.33	39	765249	11.228	ppbv 98
17) tert-Butyl alcohol	4.28	59	1040593	10.581	ppbv 99
18) 1,1-Dichloroethene	4.29	96	608774	10.604	ppbv 97
19) Isopropyl Alcohol	3.96	45	632160	10.630	ppbv # 1
20) Methylene Chloride	4.34	84	496768	9.297	ppbv 98
21) Allyl Chloride	4.41	41	938115	10.968	ppbv 99
22) trans-1,2-Dichloroethene	4.88	96	609853	11.040	ppbv 99
23) Vinyl Acetate	5.07	43	1369632	13.056	ppbv 98
24) 1,1-Dichloroethane	5.01	63	1292188	8.990	ppbv 99
25) Ethyl Acetate	5.67	43	3315076	11.601	ppbv 100
26) Hexane	5.68	57	1463580	11.654	ppbv 97
27) Carbon Disulfide	4.55	76	1413295	10.858	ppbv 100
28) Methyl tert-Butyl Ether	5.03	73	1425532	10.282	ppbv 100
29) Chloroform	5.75	83	2233624	10.570	ppbv 99
30) Cyclohexane	7.13	84	1301198	12.334	ppbv 94
31) cis-1,2-Dichloroethene	5.55	61	1423839	11.119	ppbv 88
32) 1,1,1-Trichloroethane	6.50	97	2217853	10.725	ppbv 97
34) 2-Butanone	5.24	43	2027250	10.617	ppbv 98
35) Carbon Tetrachloride	7.02	117	2238835	8.727	ppbv 97
36) Benzene	6.89	78	3169710	11.108	ppbv 97
37) 1,2-Dichloroethane	6.30	62	1572780	8.375	ppbv # 94
38) Trichloroethene	7.83	130	1542768	11.771	ppbv 92
39) 1,2-Dichloropropane	7.61	63	1212676	10.684	ppbv 93
40) 1,4-Dioxane	7.82	88	419767	11.234	ppbv # 1
41) Tetrahydrofuran	6.04	42	1306513	11.376	ppbv 99
42) Bromodichloromethane	7.79	83	2430374	9.325	ppbv 97
43) Methyl Methacrylate	8.01	69	1267977	11.408	ppbv 94

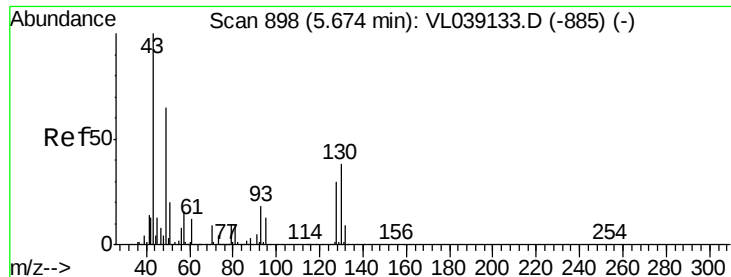
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060622\
 Data File : VL039201.D
 Acq On : 7 Jun 2022 2:00
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
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Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 07 03:20:40 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	7.86	57	5095936	10.209	ppbv	97
45) t-1,3-Dichloropropene	9.27	75	1356791	11.721	ppbv	97
46) cis-1,3-Dichloropropene	8.70	75	1735171	11.347	ppbv	94
47) 1,1,2-Trichloroethane	9.47	97	1302518	11.000	ppbv	98
48) Dibromochloromethane	10.29	129	2136386	10.105	ppbv	99
49) Bromoform	13.03	173	1768125	10.035	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	3130813	10.954	ppbv	98
51) 2-Hexanone	10.12	43	2454794	11.037	ppbv #	97
52) Tetrachloroethene	11.21	164	1172026	10.520	ppbv	97
53) Toluene	9.80	91	3727738	11.345	ppbv	99
54) 1,2-Dibromoethane	10.60	107	1787261	11.232	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.11	131	1529089	9.287	ppbv	98
57) Chlorobenzene	12.14	112	2697430	10.302	ppbv	93
58) Ethyl Benzene	12.70	91	4883045	10.188	ppbv	97
59) m/p-Xylene	12.99	91	4782876	11.331	ppbv #	45
60) o-Xylene	13.68	91	3826256	9.647	ppbv	96
61) Styrene	13.52	104	2467846	11.619	ppbv	93
62) Isopropylbenzene	14.65	105	5681275	9.638	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.66	83	2022579	9.085	ppbv	99
64) n-propylbenzene	15.55	120	1521927	10.502	ppbv	87
65) tert-Butylbenzene	16.73	119	4978199	9.235	ppbv	94
66) Benzyl Chloride	16.98	91	807826	11.525	ppbv	99
67) sec-Butylbenzene	17.28	105	7005509	9.525	ppbv	98
69) p-Isopropyltoluene	17.64	119	5858525	9.441	ppbv	97
70) n-Butylbenzene	18.54	91	5974325	9.380	ppbv	99
71) 2-Chlorotoluene	15.44	91	4289910	9.543	ppbv	97
72) 4-Ethyltoluene	15.82	105	4671446	10.049	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	4150697	9.900	ppbv	98
74) 1,2,4-Trimethylbenzene	16.75	105	4382855	9.367	ppbv #	88
75) 1,3-Dichlorobenzene	16.99	146	2634803	9.949	ppbv	98
76) 1,4-Dichlorobenzene	17.13	146	2605454	9.861	ppbv	97
77) 1,2-Dichlorobenzene	17.80	146	2558165	9.584	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	2022879	8.288	ppbv	99
79) Naphthalene	22.18	128	4184864	11.619	ppbv	99
80) Naphthalene, 2-methyl-	24.96	142	1599572	11.953	ppbv	94
81) 1,2,4-Trichlorobenzene	21.91	180	2302073	10.089	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

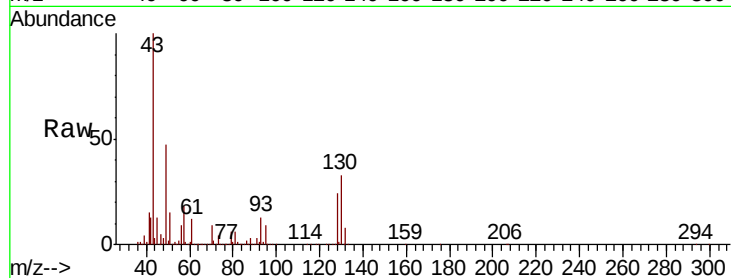
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 2:00

Tot Ion: 49 Resp: 1217179

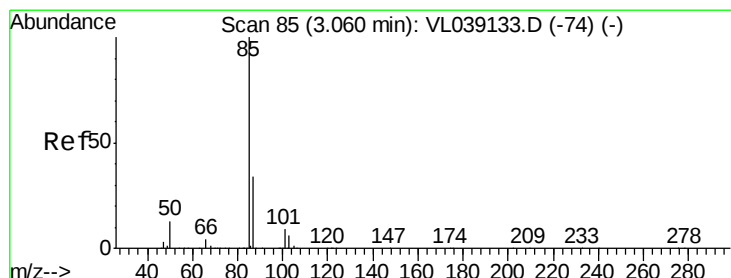
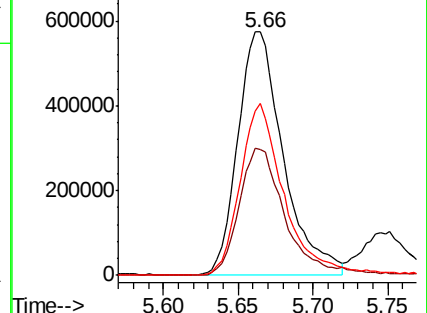
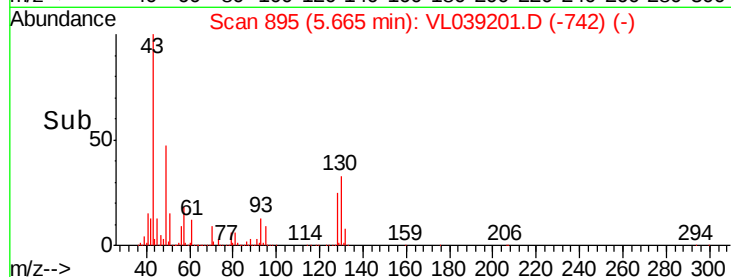
Ion	Ratio	Lower	Upper
49	100		
128	53.8	24.7	74.1
130	69.7	31.4	94.0



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: 7.726 ppbv

RT: 3.05 min Scan# 82

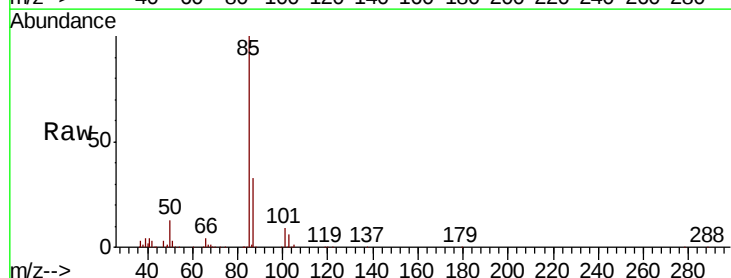
Delta R.T. -0.01 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

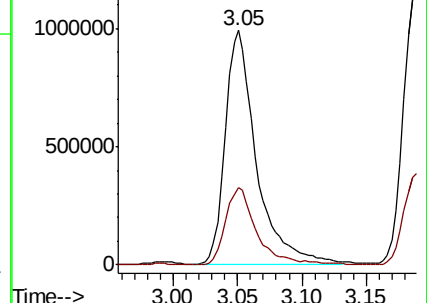
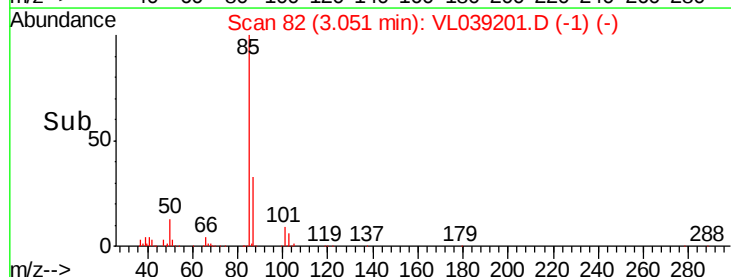
Tgt Ion: 85 Resp: 1651743

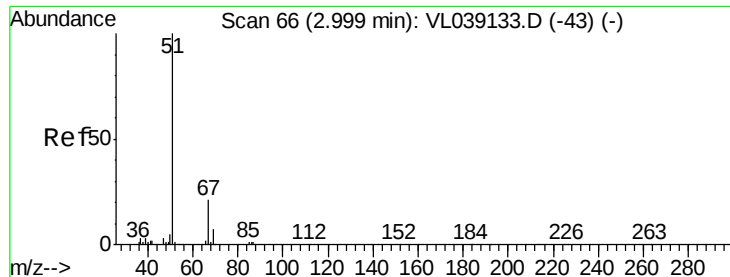
Ion	Ratio	Lower	Upper
85	100		
87	33.1	26.9	40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.271 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

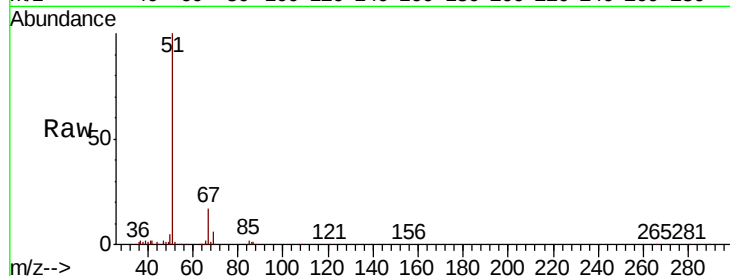
Acq: 7 Jun 2022 2:00

Tot Ion: 51 Resp: 1590661

Ion Ratio Lower Upper

51 100

67 17.5 16.2 24.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.99

800000

600000

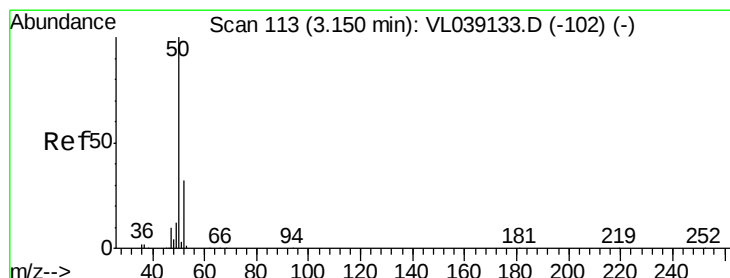
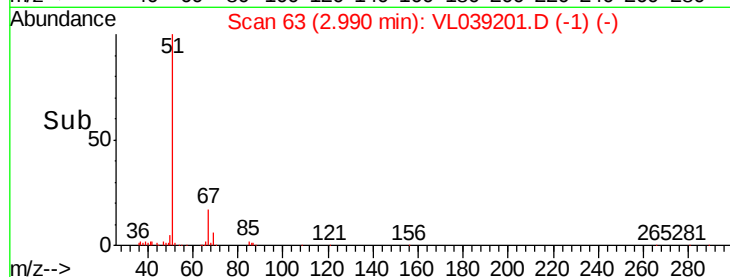
400000

200000

0

Time-->

2.90 3.00 3.10



#4

Chloromethane

Concen: 11.042 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL039201.D

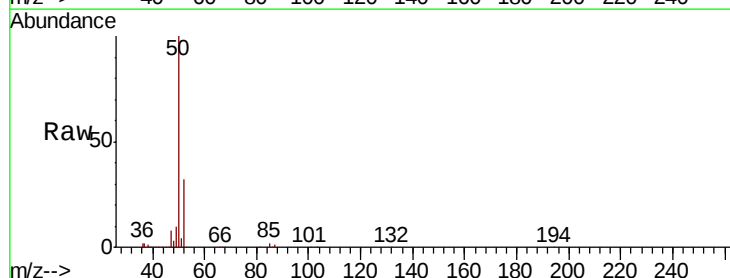
Acq: 7 Jun 2022 2:00

Tgt Ion: 50 Resp: 878421

Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.14

600000

500000

400000

300000

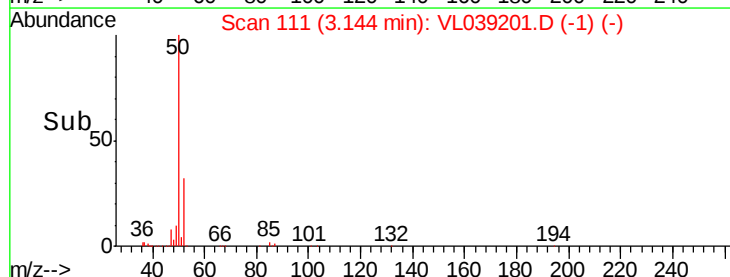
200000

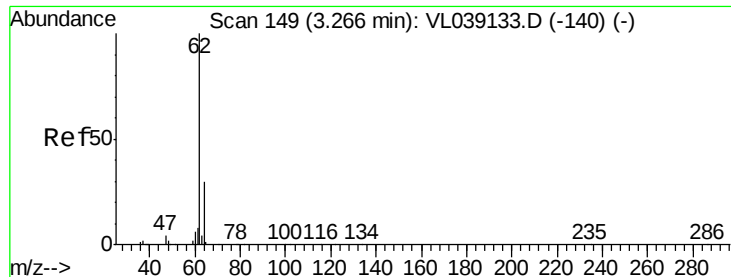
100000

0

Time-->

3.10 3.15





#5

Vinyl Chloride

Concen: 11.177 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

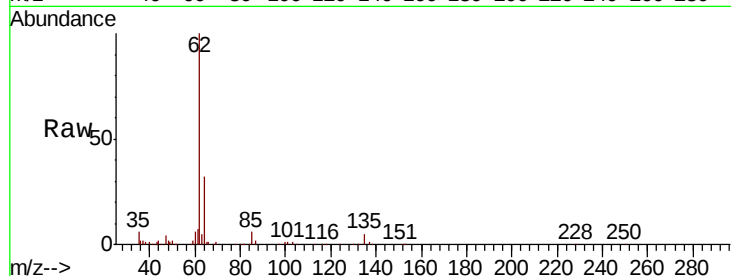
Acq: 7 Jun 2022 2:00

Tot Ion: 62 Resp: 831178

Ion Ratio Lower Upper

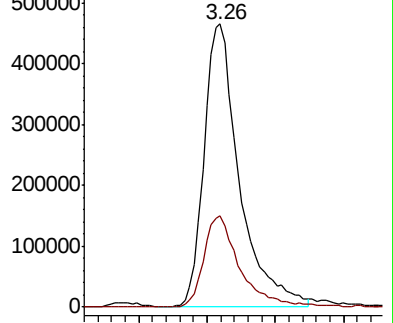
62 100

64 32.2 24.2 36.2

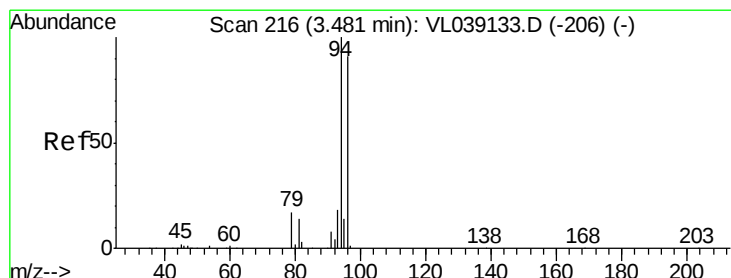
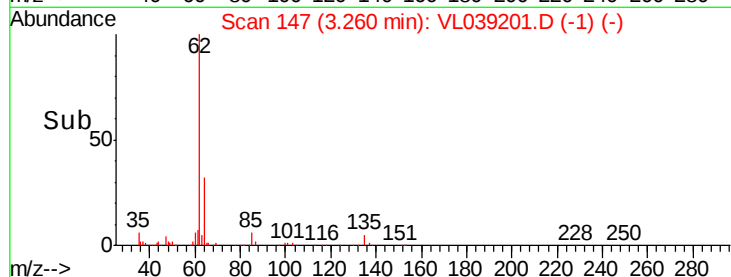


Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



Time-->



#6

Bromomethane

Concen: 10.953 ppbv

RT: 3.48 min Scan# 214

Delta R.T. -0.01 min

Lab File: VL039201.D

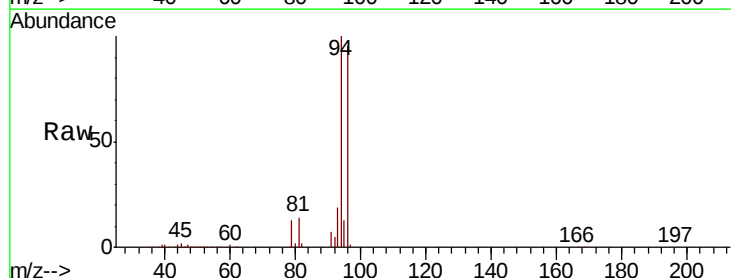
Acq: 7 Jun 2022 2:00

Tgt Ion: 94 Resp: 400698

Ion Ratio Lower Upper

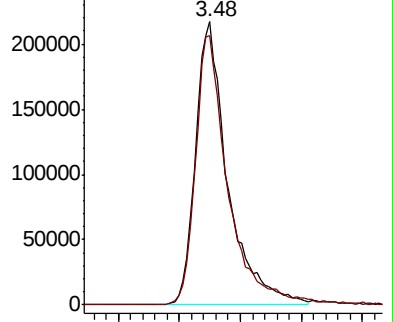
94 100

96 95.3 73.0 109.4

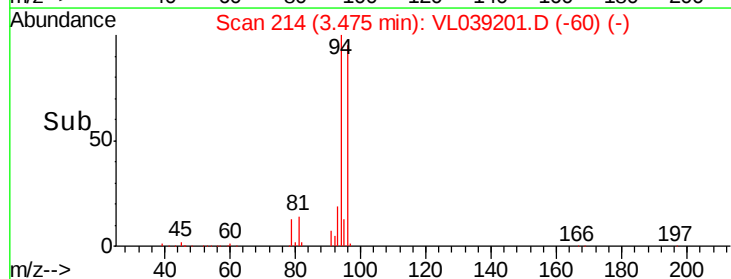


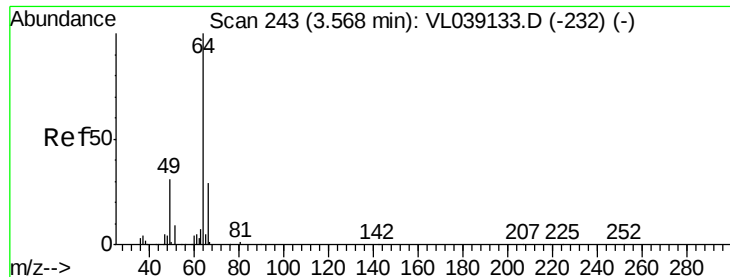
Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0



Time-->





#7

Chloroethane

Concen: 11.252 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

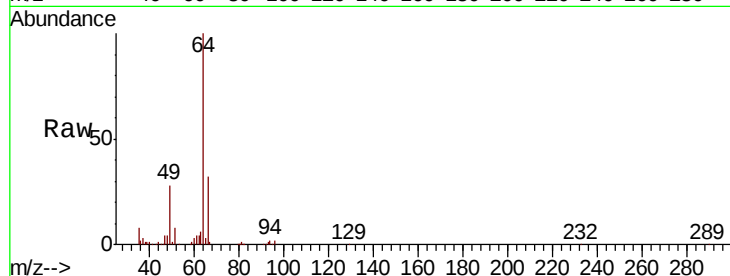
Acq: 7 Jun 2022 2:00

Tot Ion: 64 Resp: 291573

Ion Ratio Lower Upper

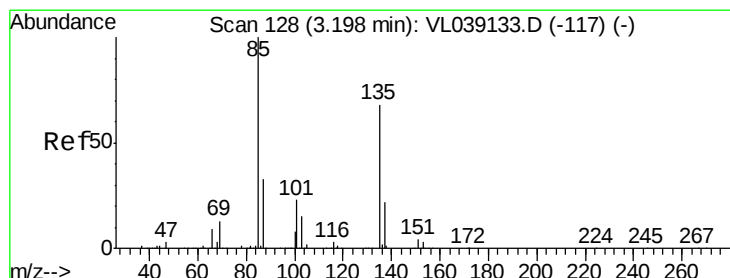
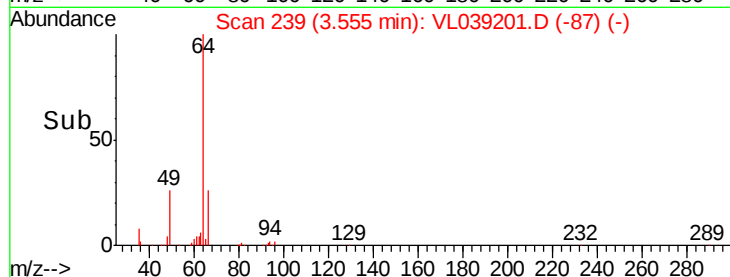
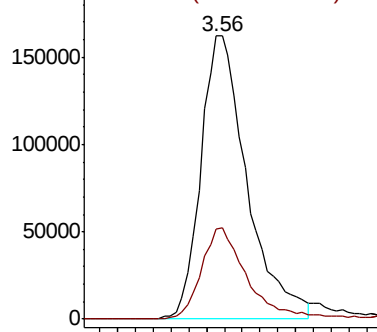
64 100

66 31.9 23.6 35.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 10.184 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.01 min

Lab File: VL039201.D

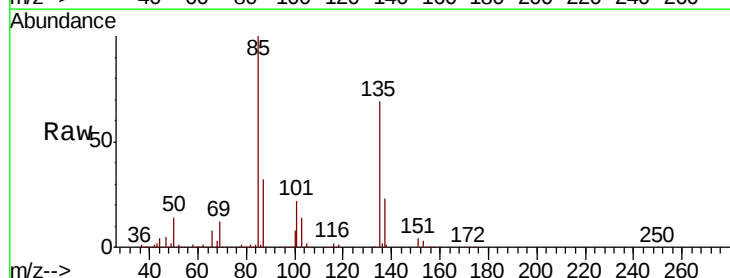
Acq: 7 Jun 2022 2:00

Tgt Ion: 85 Resp: 1989799

Ion Ratio Lower Upper

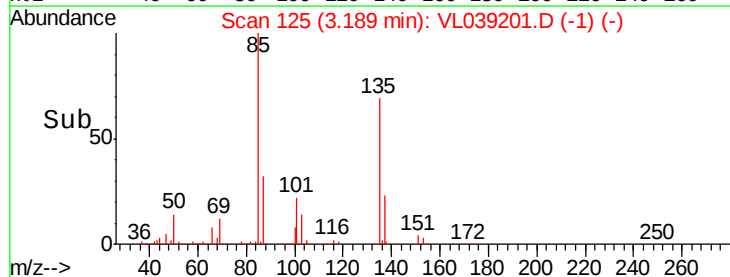
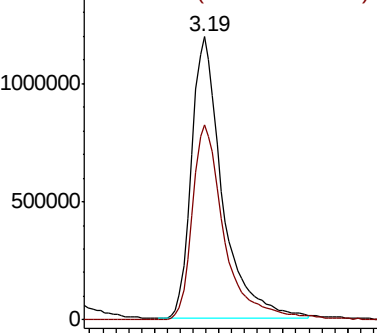
85 100

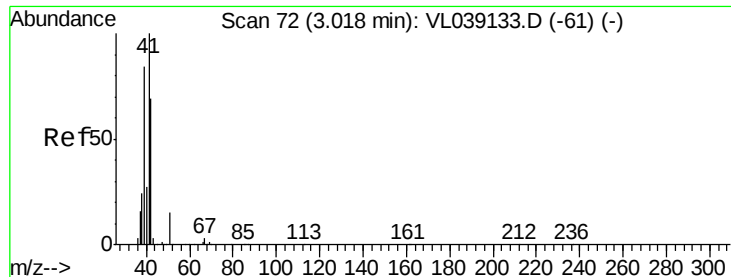
135 72.6 55.0 82.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 12.170 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File:

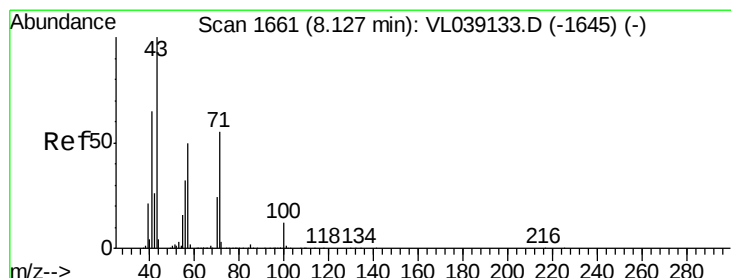
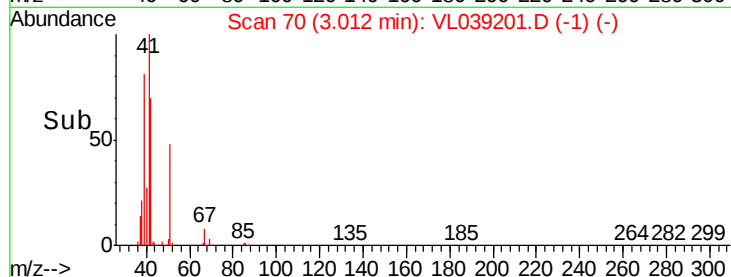
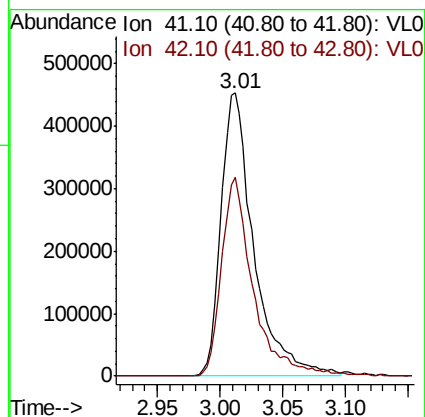
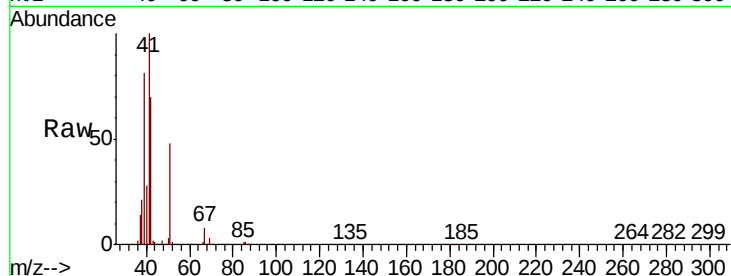
Acq: 7 Jun 2022 2:00

Tot Ion: 41 Resp: 821811

Ion Ratio Lower Upper

41 100

42 68.4 55.4 83.2



#10

Heptane

Concen: 12.591 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VL039201.D

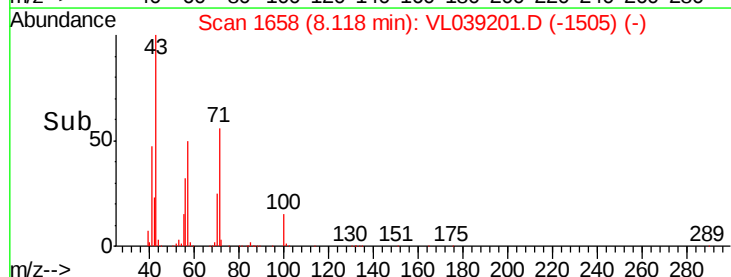
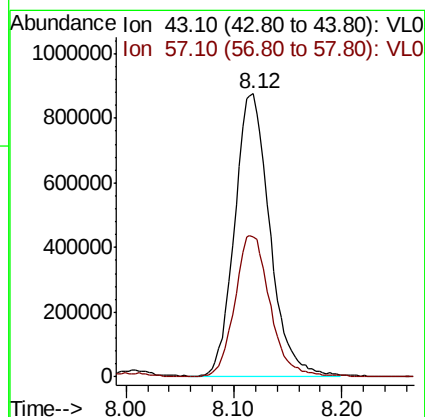
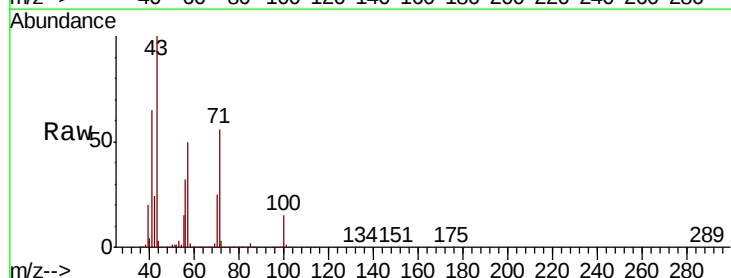
Acq: 7 Jun 2022 2:00

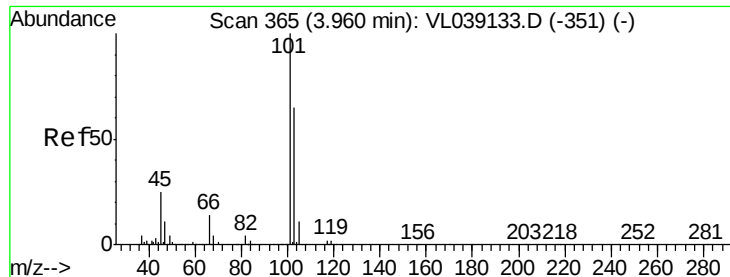
Tgt Ion: 43 Resp: 1983479

Ion Ratio Lower Upper

43 100

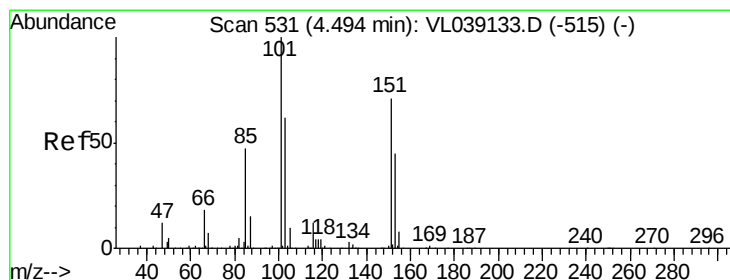
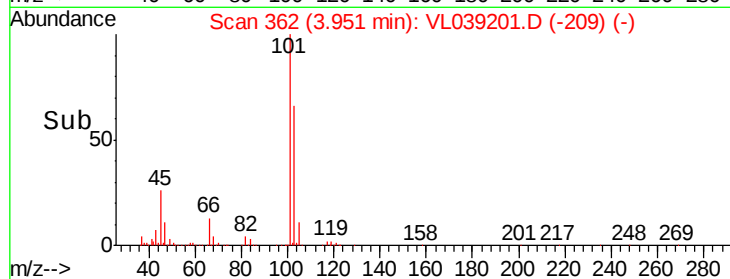
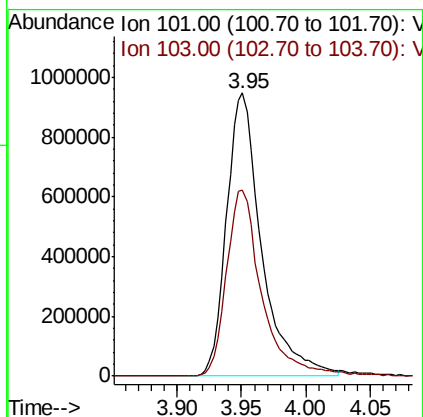
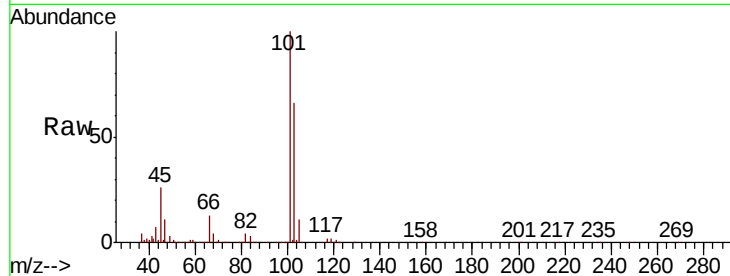
57 50.2 41.4 62.2





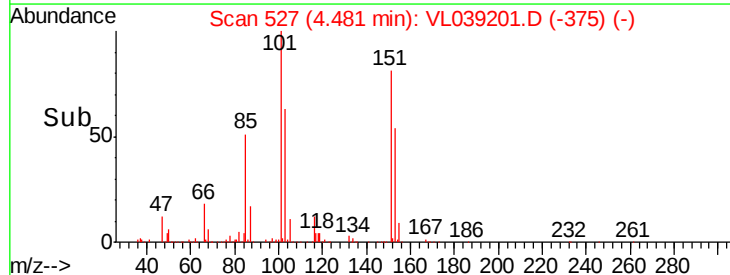
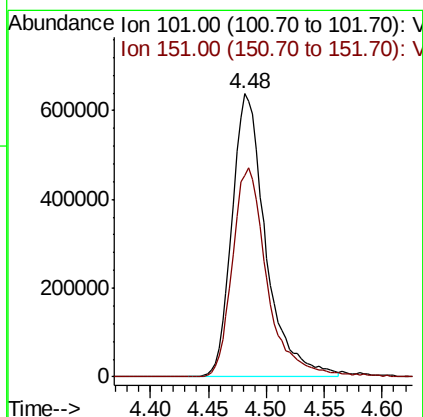
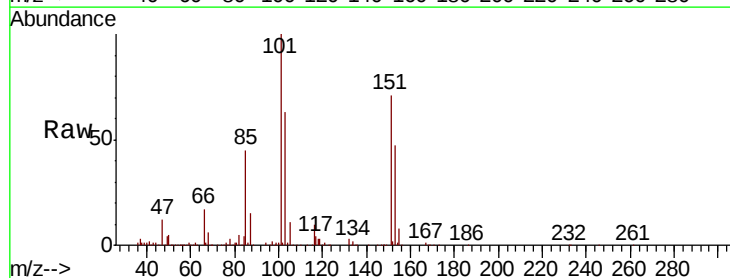
#11
 Trichlorofluoromethane
 Concen: 9.232 ppbv
 RT: 3.95 Instrument :
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 2:00

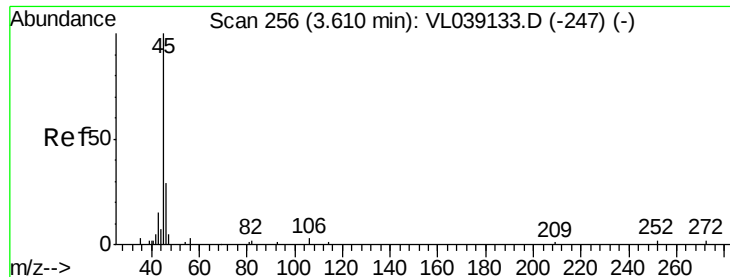
Tot Ion:101 Resp: 1786680
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.084 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

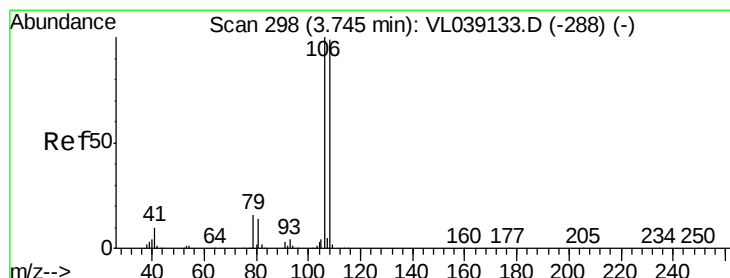
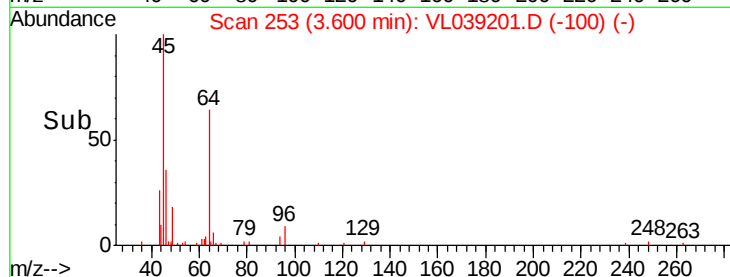
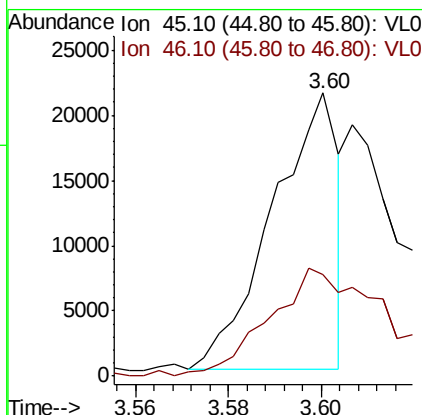
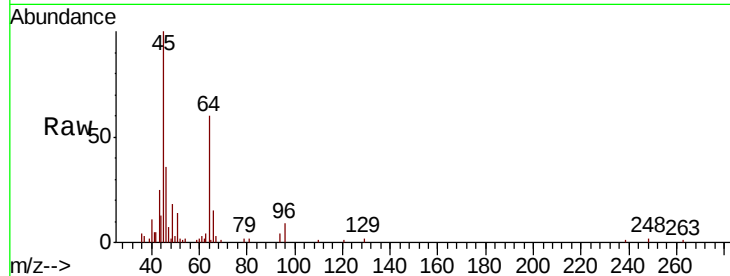
Tgt Ion:101 Resp: 1290537
 Ion Ratio Lower Upper
 101 100
 151 76.4 59.4 89.0





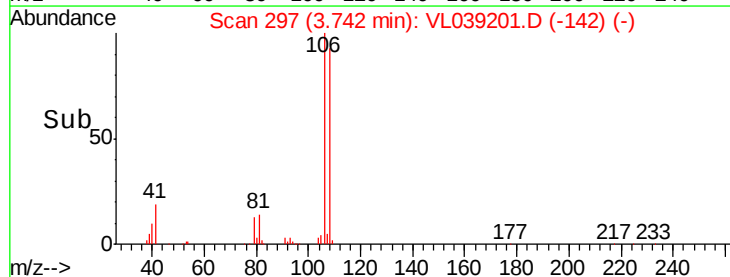
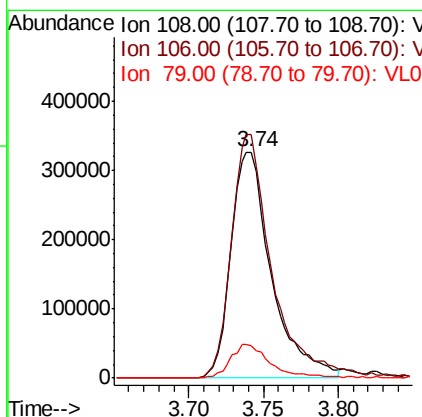
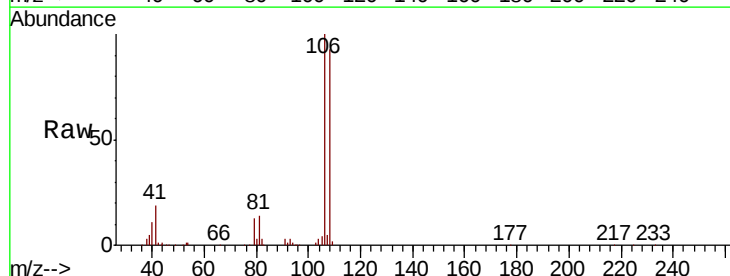
#13
 Ethanol
 Concen: 5.733 ppbv
 RT: 3.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 2:00

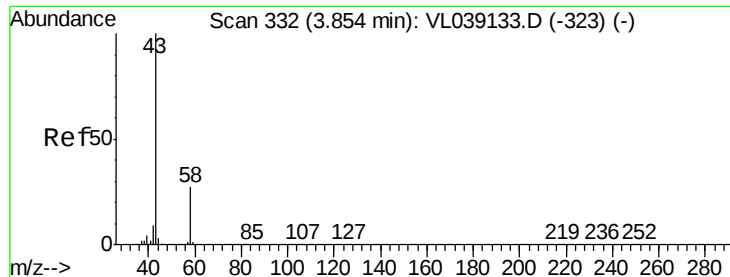
Tot Ion: 45 Resp: 21112
 Ion Ratio Lower Upper
 45 100
 46 99.0 0.0 0.0#



#14
 Bromoethene
 Concen: 10.707 ppbv
 RT: 3.74 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

Tgt Ion: 108 Resp: 616030
 Ion Ratio Lower Upper
 108 100
 106 109.9 88.4 132.6
 79 15.3 13.4 20.2





#15

Acetone

Concen: 10.815 ppbv

RT: 3.84 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

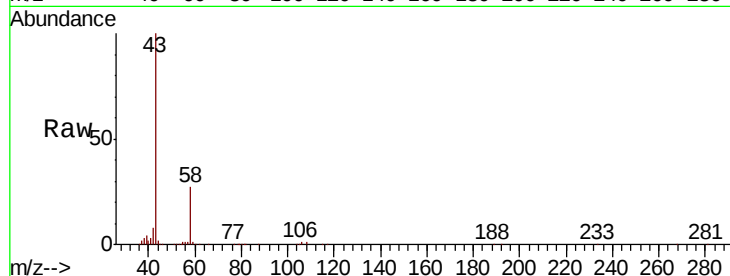
Acq: 7 Jun 2022 2:00

Tot Ion: 43 Resp: 1371292

Ion Ratio Lower Upper

43 100

58 28.7 22.5 33.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.84

800000

600000

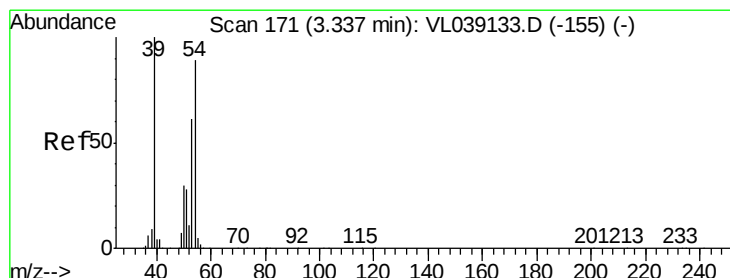
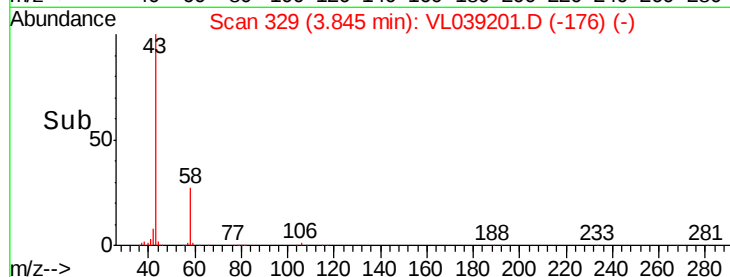
400000

200000

0

3.75 3.80 3.85 3.90 3.95

Time-->



#16

1,3-Butadiene

Concen: 11.228 ppbv

RT: 3.33 min Scan# 168

Delta R.T. -0.01 min

Lab File: VL039201.D

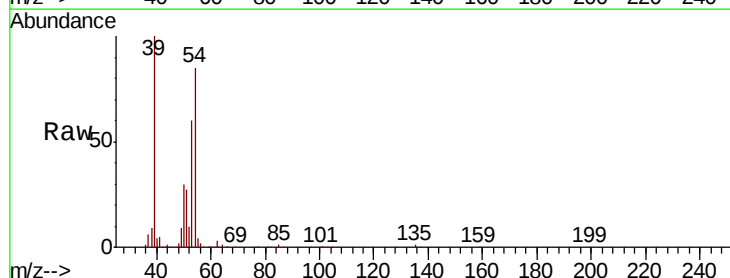
Acq: 7 Jun 2022 2:00

Tgt Ion: 39 Resp: 765249

Ion Ratio Lower Upper

39 100

54 84.4 65.8 98.6



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

3.33

400000

300000

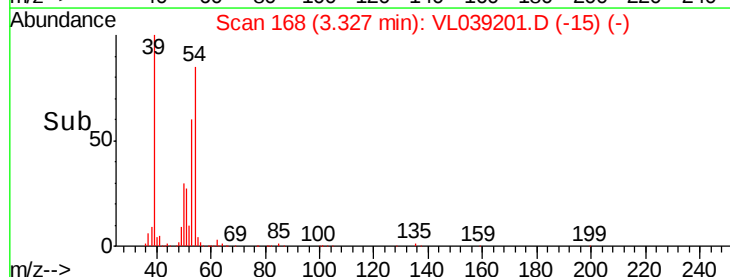
200000

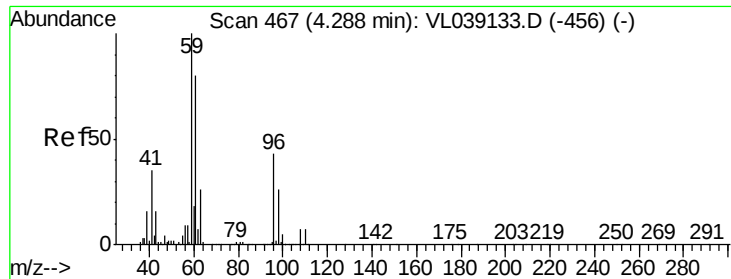
100000

0

3.25 3.30 3.35 3.40

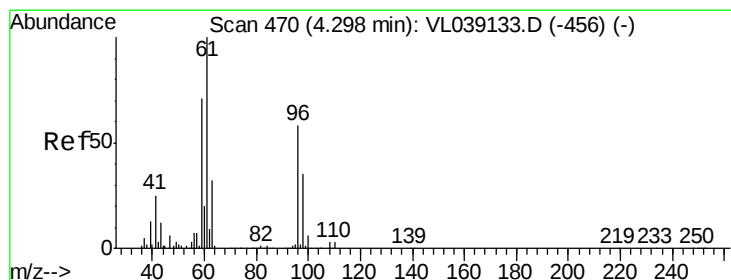
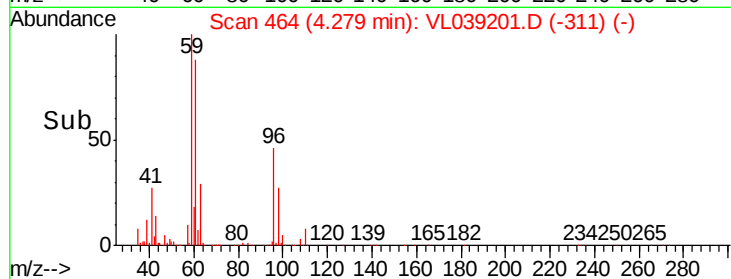
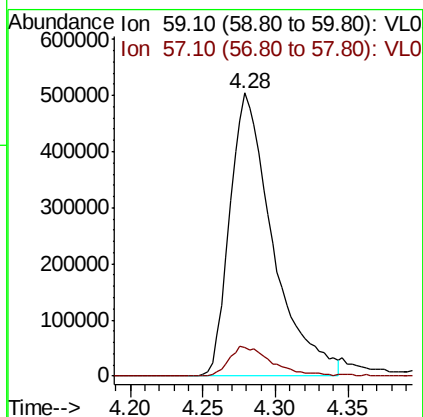
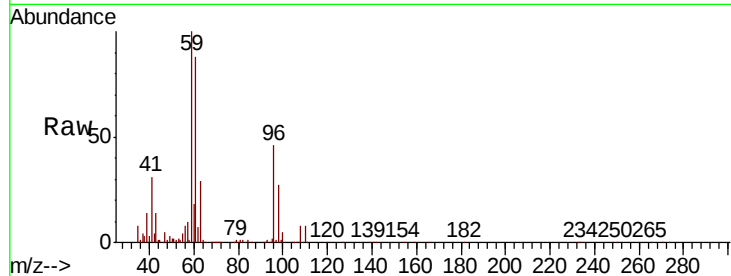
Time-->





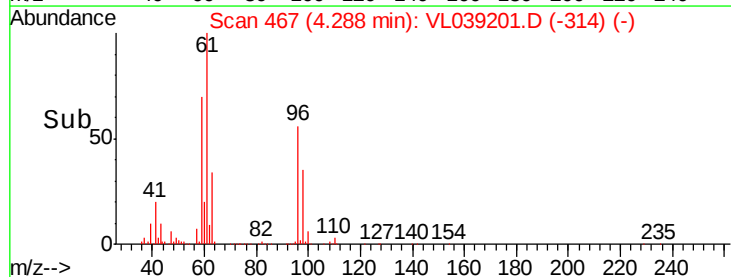
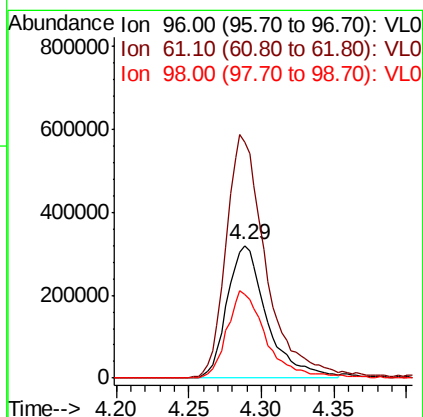
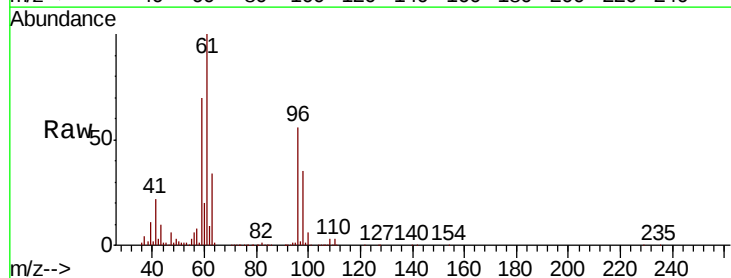
#17
 tert-Butyl alcohol
 Concen: 10.581 ppbv
 RT: 4.28
 Delta R.T. MSVOA.L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 2:00

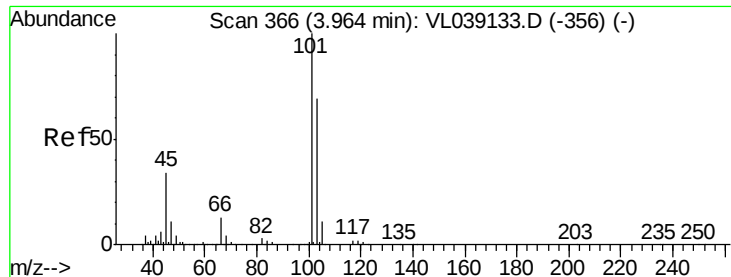
Tot Ion: 59 Resp: 1040593
 Ion Ratio Lower Upper
 59 100
 57 10.9 9.1 13.7



#18
 1,1-Dichloroethene
 Concen: 10.604 ppbv
 RT: 4.29 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

Tgt Ion: 96 Resp: 608774
 Ion Ratio Lower Upper
 96 100
 61 177.1 138.4 207.6
 98 62.7 47.8 71.8





#19

Isopropyl Alcohol

Concen: 10.630 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

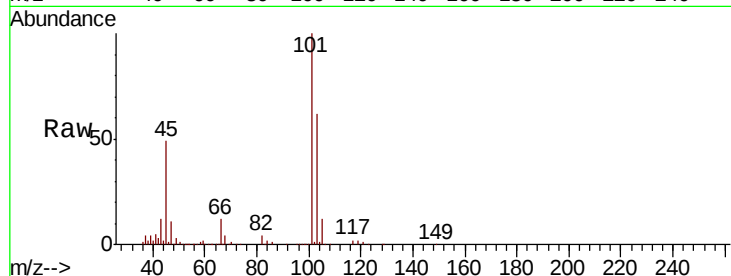
Acq: 7 Jun 2022 2:00

Tot Ion: 45 Resp: 632160

Ion Ratio Lower Upper

45 100

58 65.4 1.8 2.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.96

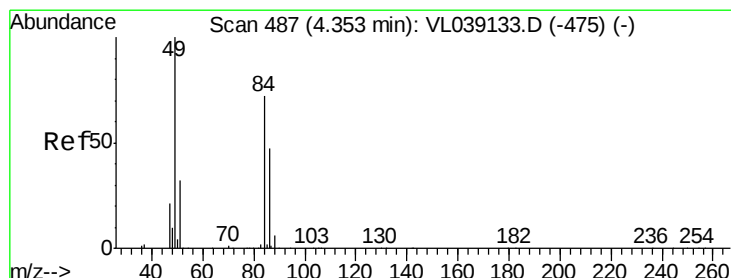
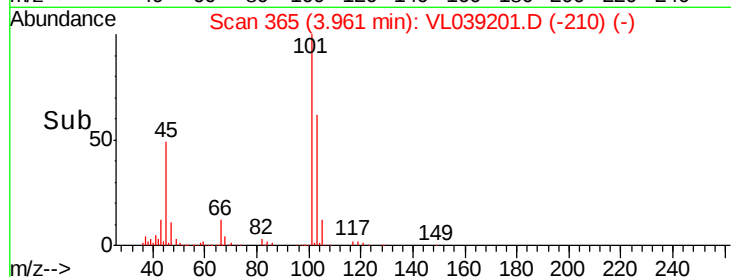
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 9.297 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.01 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Tgt Ion: 84 Resp: 496768

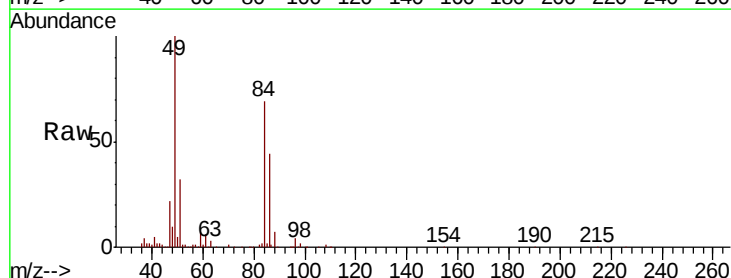
Ion Ratio Lower Upper

84 100

49 142.0 111.1 166.7

51 44.6 35.3 52.9

86 64.0 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

600000

500000

400000

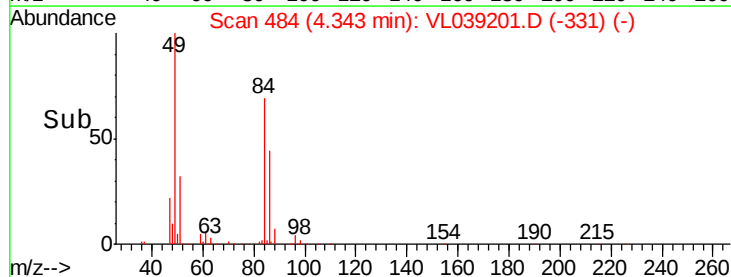
300000

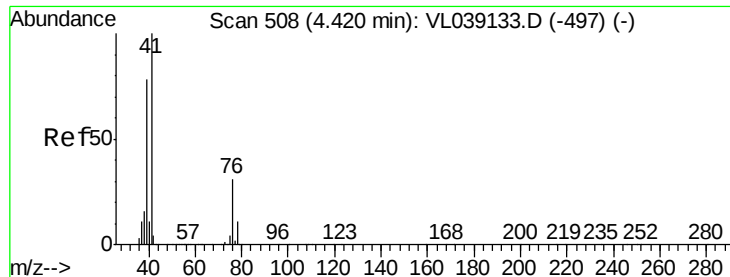
200000

100000

0

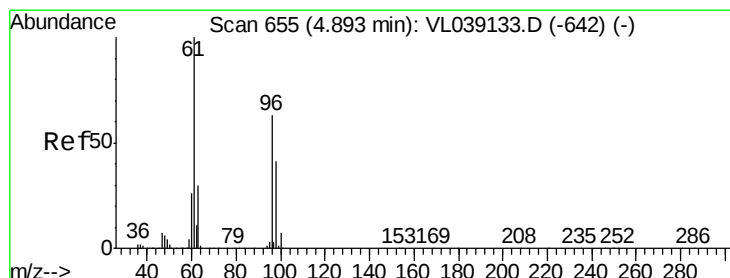
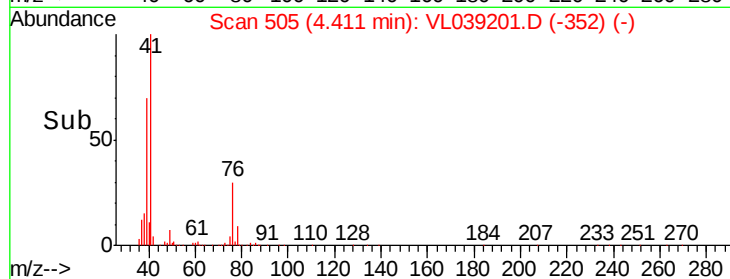
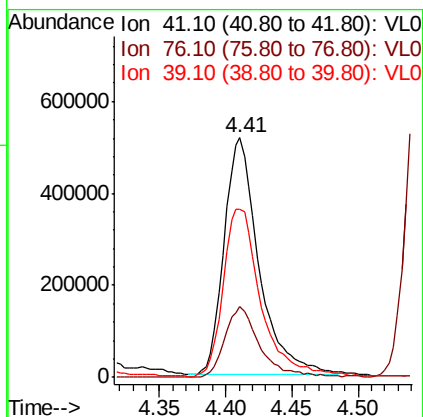
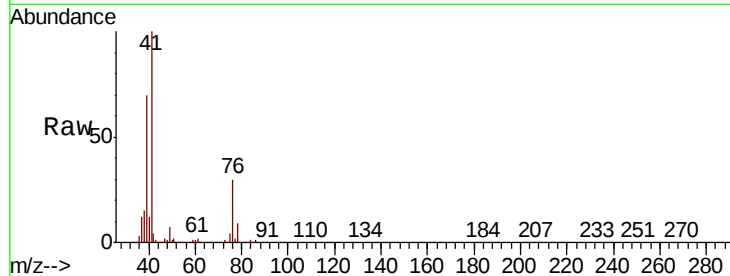
Time-->





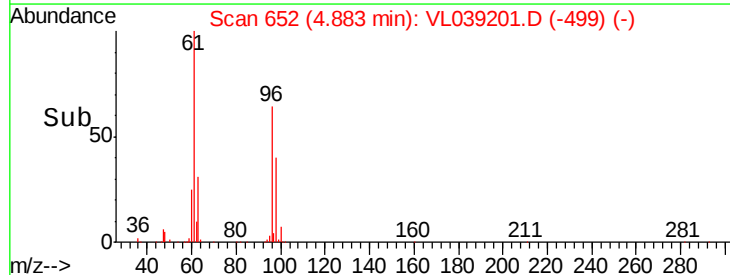
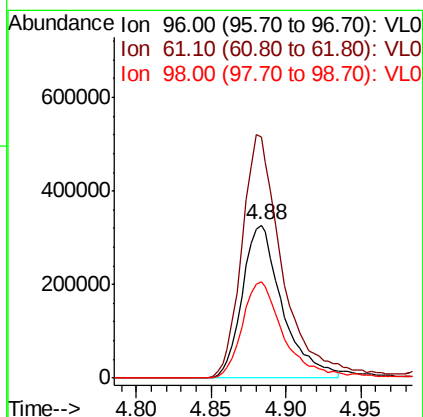
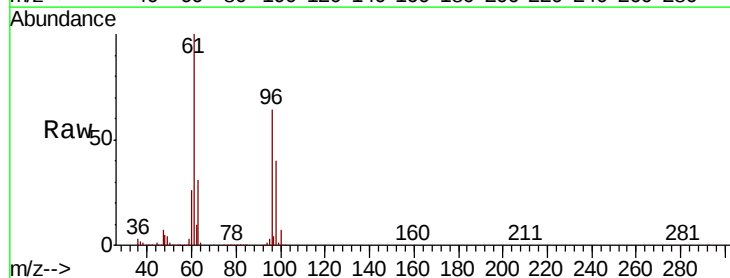
#21
 Allvl Chloride
 Concen: 10.968 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 2:00

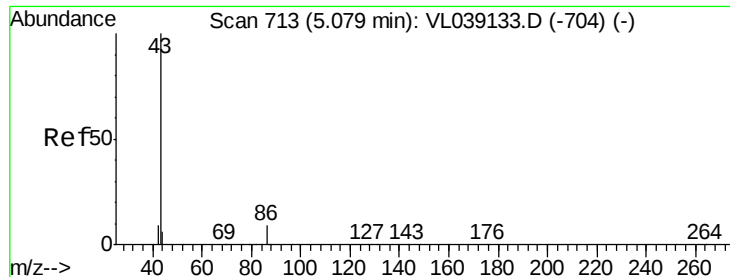
Tot Ion:	41	Resp:	938115
Ion	Ratio	Lower	Upper
41	100		
76	30.1	24.2	36.2
39	76.1	62.2	93.2



#22
 trans-1,2-Dichloroethene
 Concen: 11.040 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

Tgt Ion:	96	Resp:	609853
Ion	Ratio	Lower	Upper
96	100		
61	157.4	126.6	190.0
98	63.2	52.5	78.7





#23

Vinyl Acetate

Concen: 13.056 ppbv

RT: 5.07 Instrument:

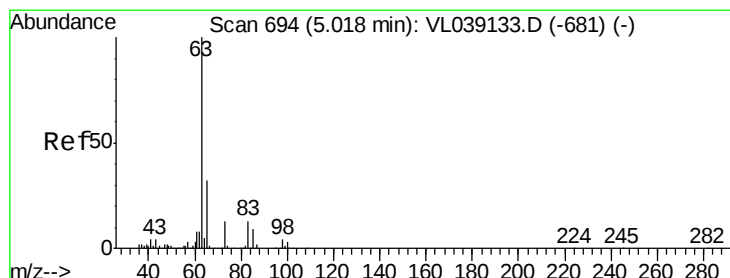
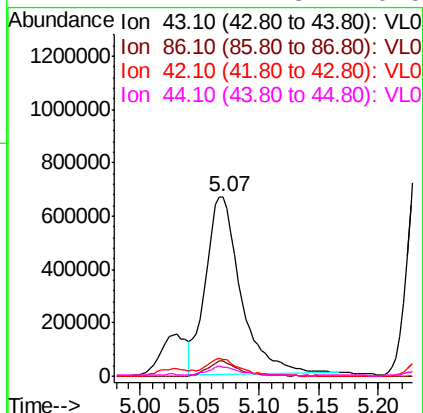
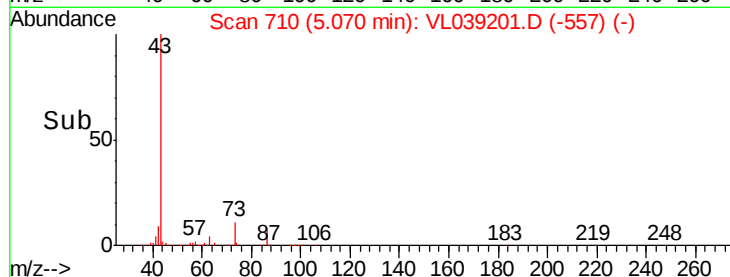
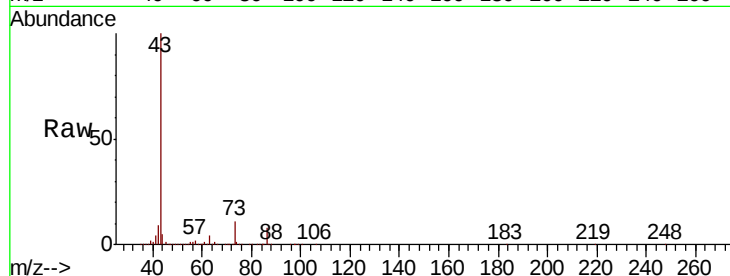
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 2:00

Tot Ion: 43 Resp: 1369632

Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.0	9.0
42	9.3	8.2	12.4
44	4.7	4.3	6.5



#24

1,1-Dichloroethane

Concen: 8.990 ppbv

RT: 5.01 min Scan# 691

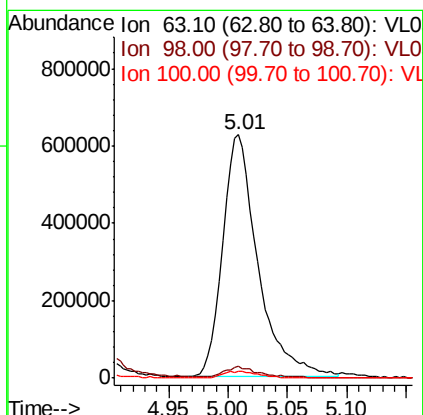
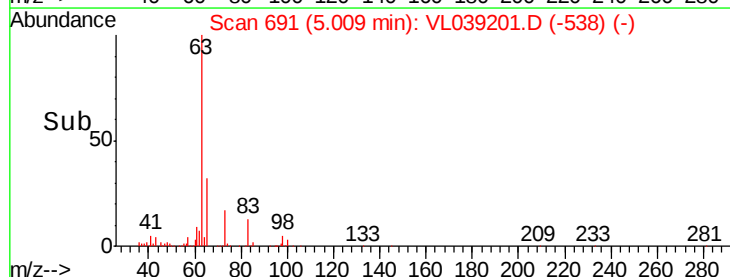
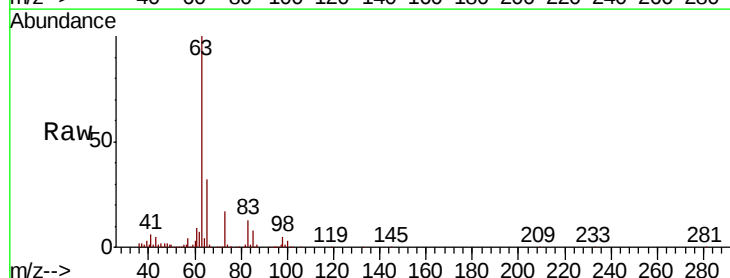
Delta R.T. -0.01 min

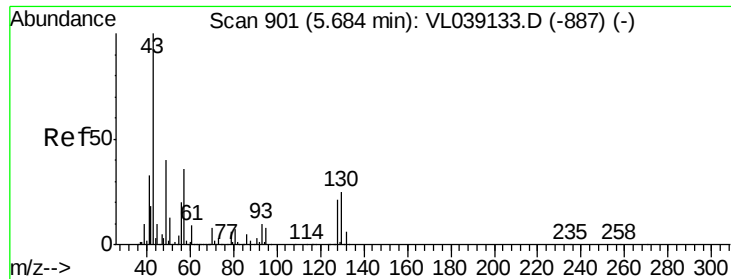
Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Tgt Ion: 63 Resp: 1292188

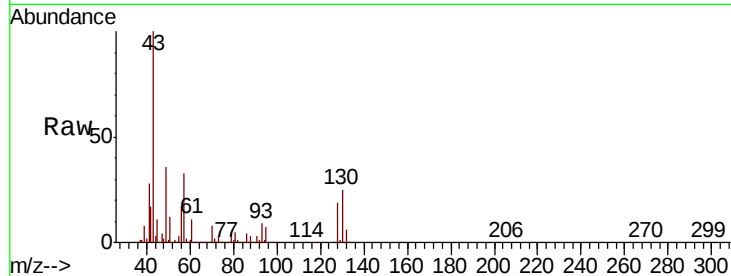
Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.1	6.2
100	3.0	1.5	4.5



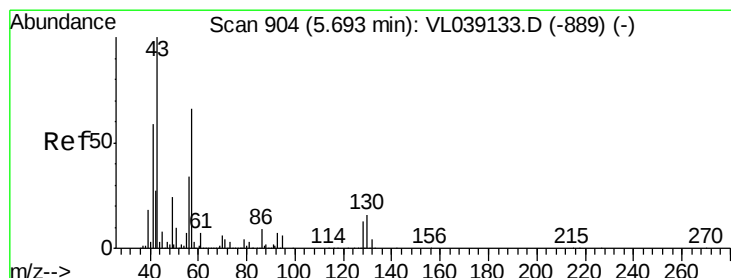
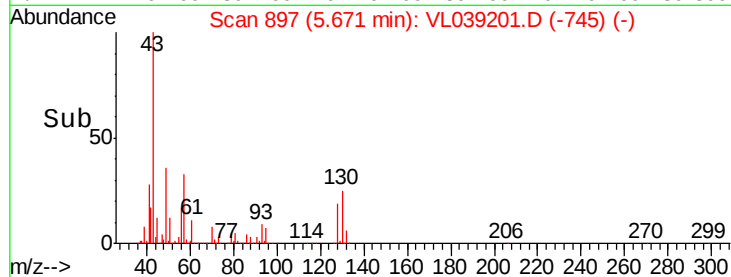
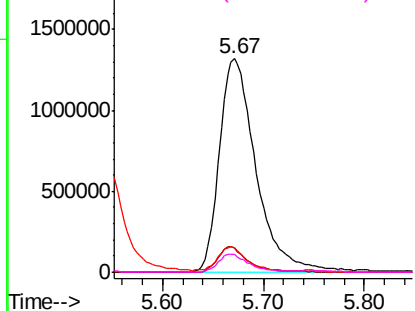


#25
Ethyl Acetate
Concen: 11.601 ppbv
RT: 5.67 Instrument :
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 2:00

Tot Ion:	43	Resp:	3315076
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	10.5	8.4	12.6
70	7.1	5.6	8.4

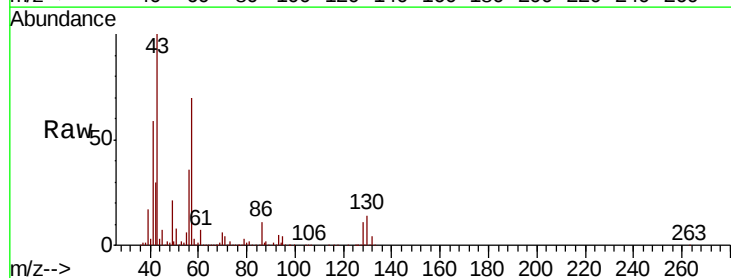


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

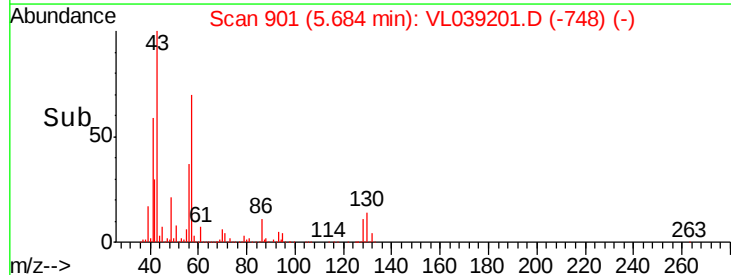
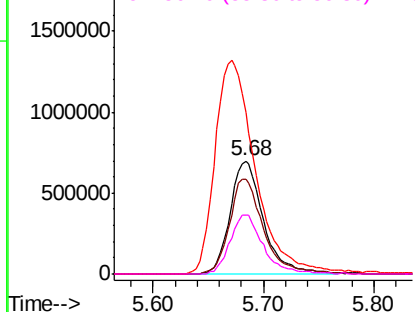


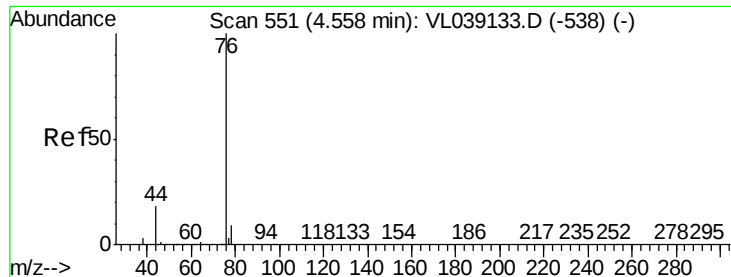
#26
Hexane
Concen: 11.654 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Tgt Ion:	57	Resp:	1463580
Ion	Ratio	Lower	Upper
57	100		
41	86.4	72.4	108.6
43	228.9	187.0	280.6
56	52.4	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

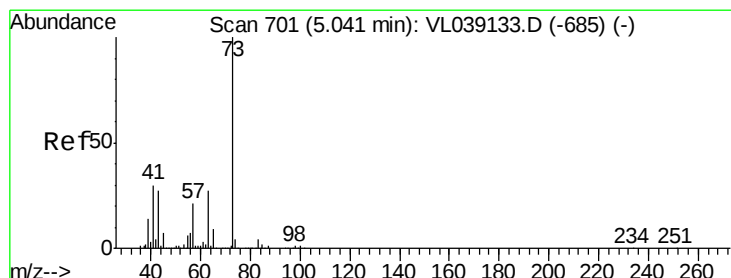
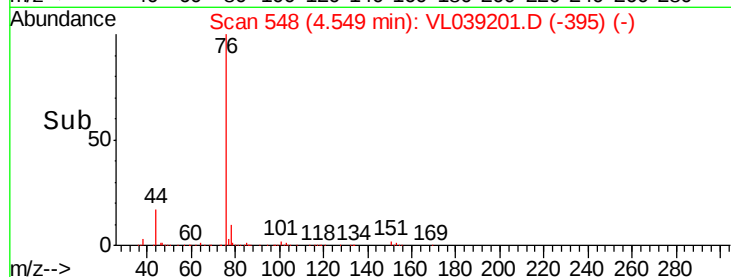
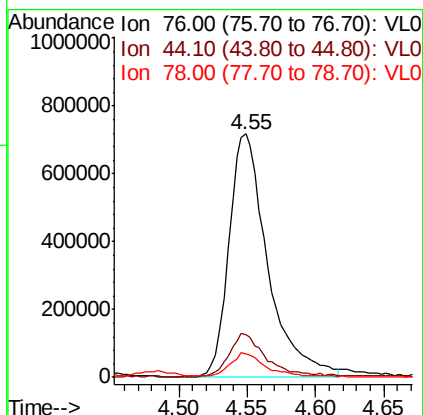
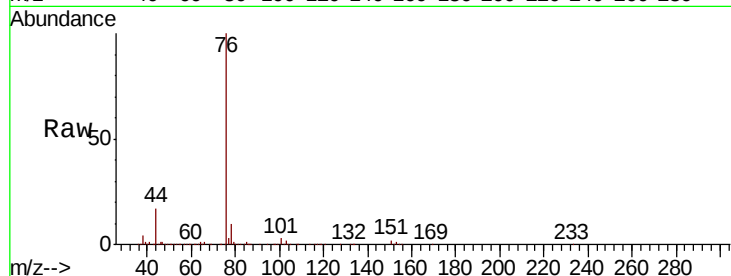




#27
Carbon Disulfide
Concen: 10.858 ppbv
RT: 4.55 Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Jun 2022 2:00

Tot Ion: 76 Resp: 1413295

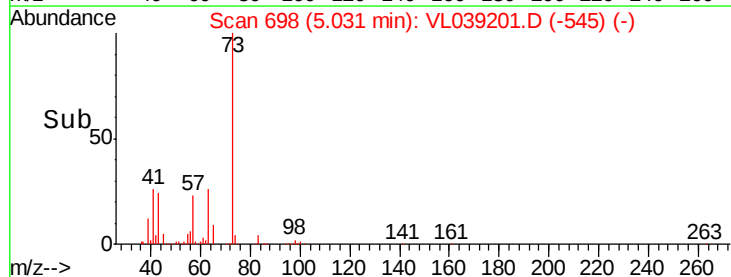
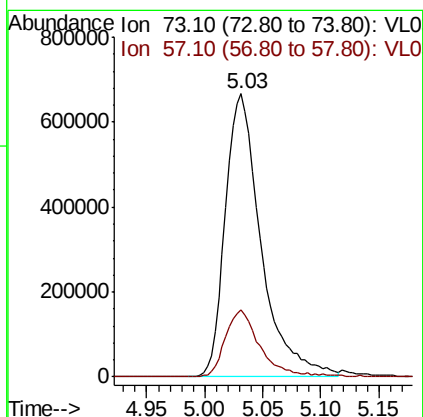
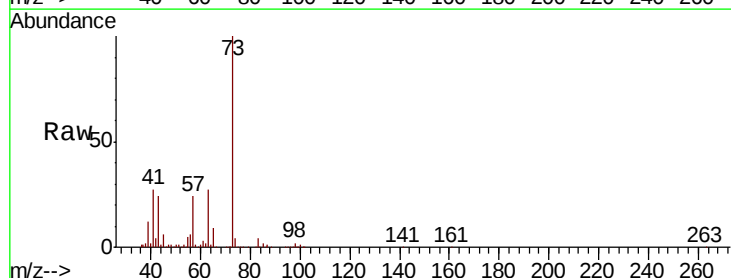
Ion	Ratio	Lower	Upper
76	100		
44	17.8	14.4	21.6
78	9.8	7.7	11.5

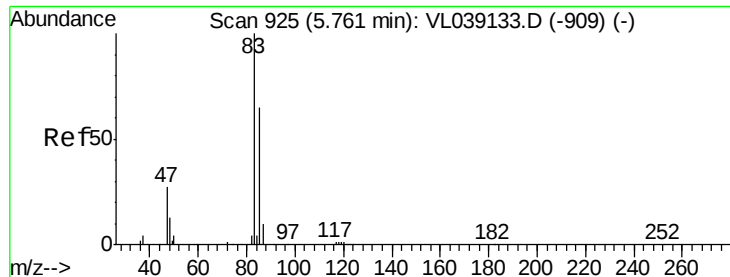


#28
Methyl tert-Butyl Ether
Concen: 10.282 ppbv
RT: 5.03 min Scan# 698
Delta R.T.: -0.01 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Tgt Ion: 73 Resp: 1425532

Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.6	27.8





#29

Chloroform

Concen: 10.570 ppbv

RT: 5.75 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

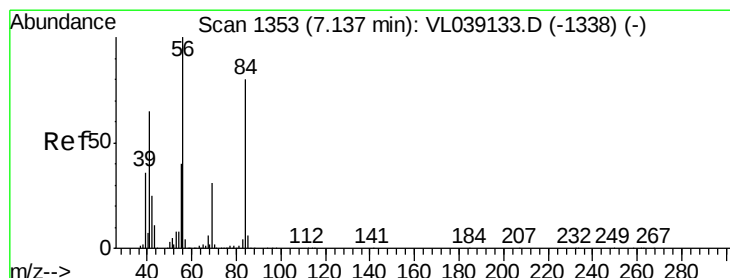
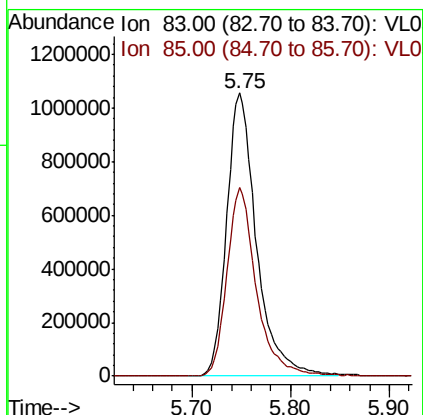
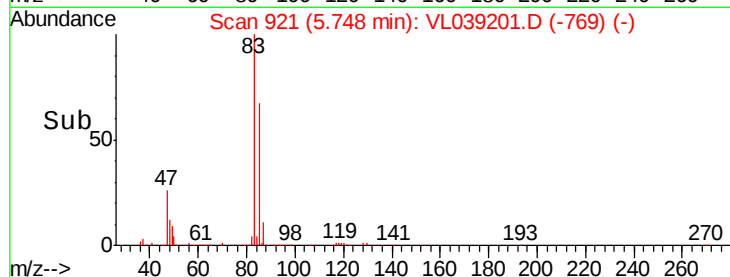
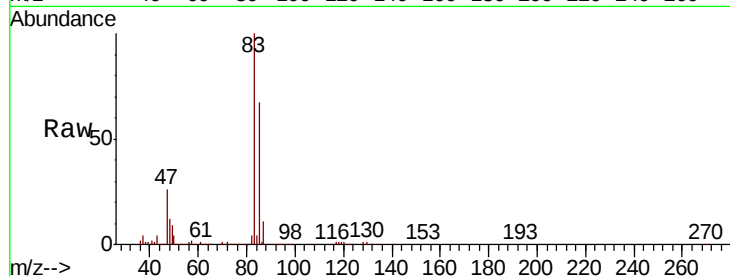
Acq: 7 Jun 2022 2:00

Tot Ion: 83 Resp: 2233624

Ion Ratio Lower Upper

83 100

85 66.4 52.4 78.6



#30

Cyclohexane

Concen: 12.334 ppbv

RT: 7.13 min Scan# 1350

Delta R.T. -0.01 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

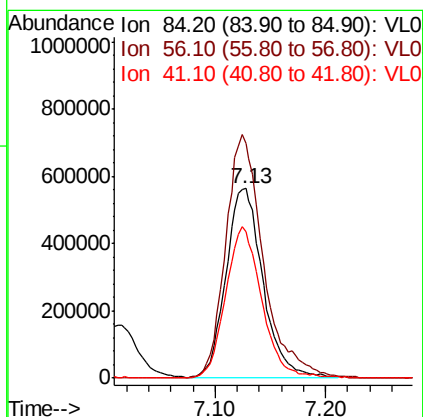
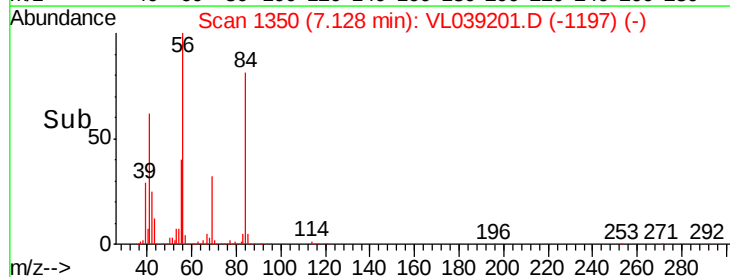
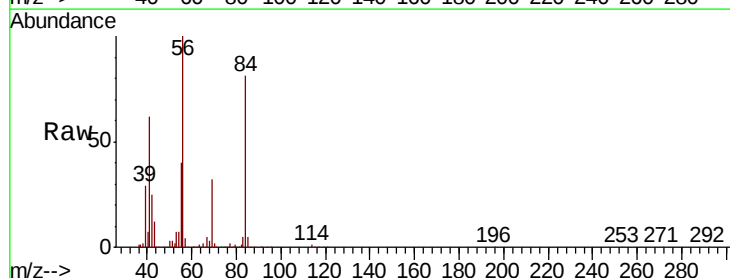
Tgt Ion: 84 Resp: 1301198

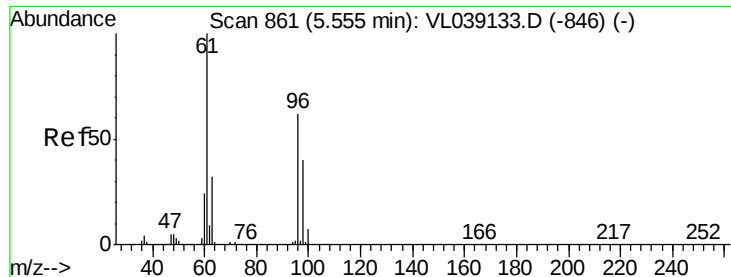
Ion Ratio Lower Upper

84 100

56 132.8 110.6 165.8

41 78.5 68.9 103.3





#31

cis-1,2-Dichloroethene

Concen: 11.119 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 2:00

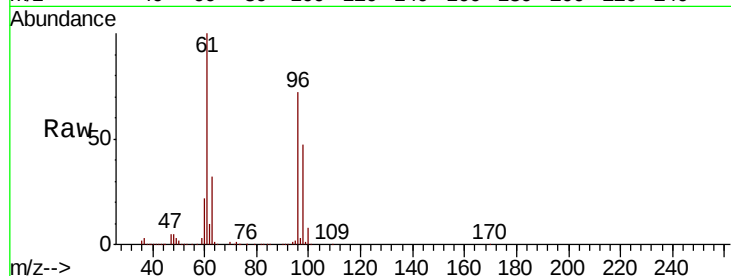
Tot Ion: 61 Resp: 1423839

Ion Ratio Lower Upper

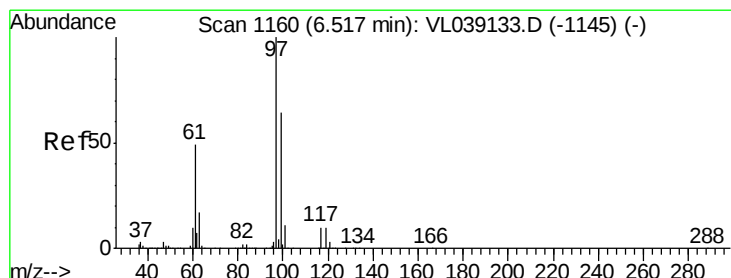
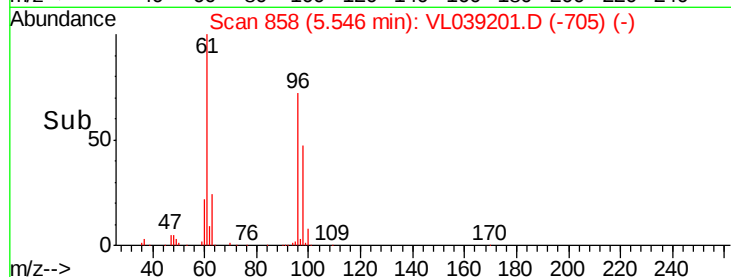
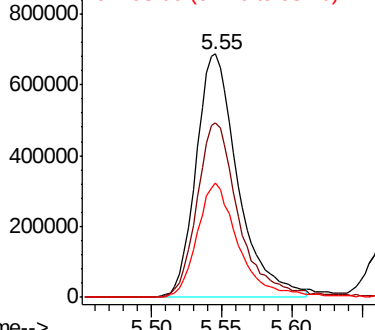
61 100

96 71.8 49.9 74.9

98 46.9 32.0 48.0



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: 10.725 ppbv

RT: 6.50 min Scan# 1156

Delta R.T. -0.01 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

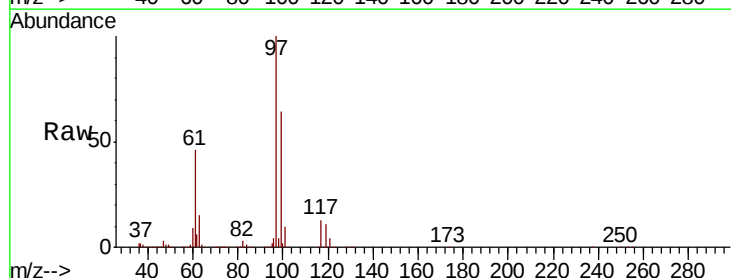
Tgt Ion: 97 Resp: 2217853

Ion Ratio Lower Upper

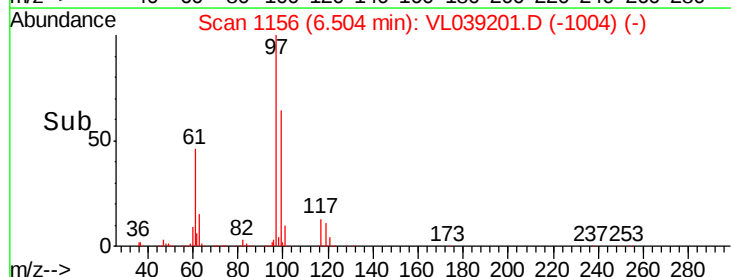
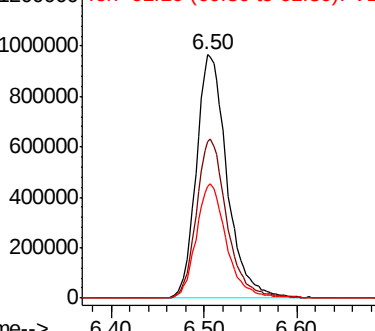
97 100

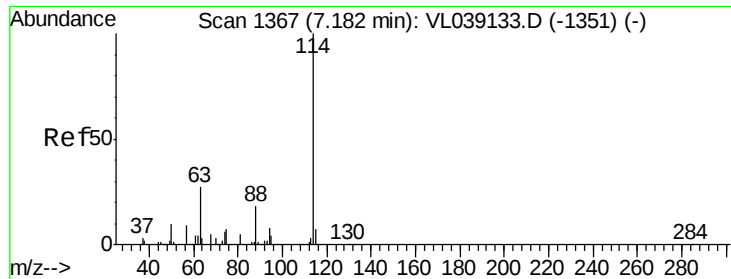
99 64.9 52.1 78.1

61 46.1 40.0 60.0



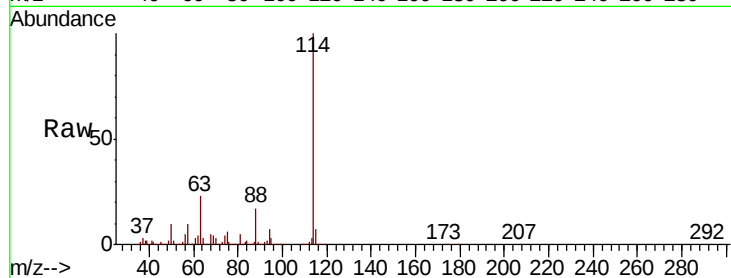
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



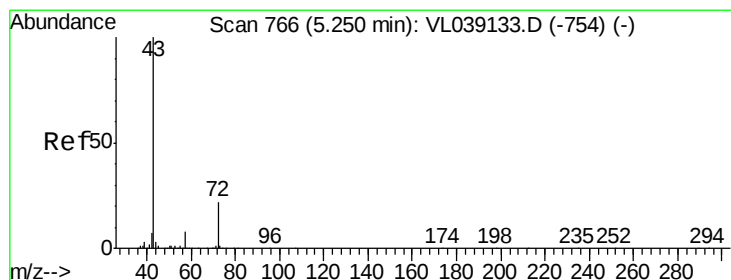
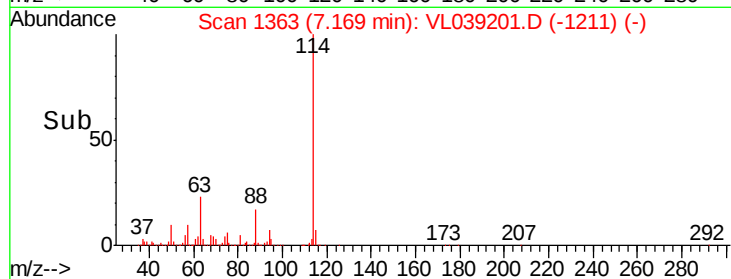
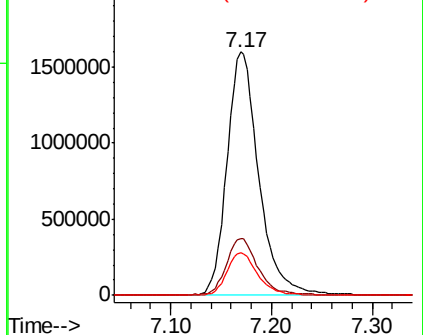


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 2:00

Tot Ion:114 Resp: 3514745
 Ion Ratio Lower Upper
 114 100
 63 23.5 21.7 32.5
 88 17.3 14.8 22.2

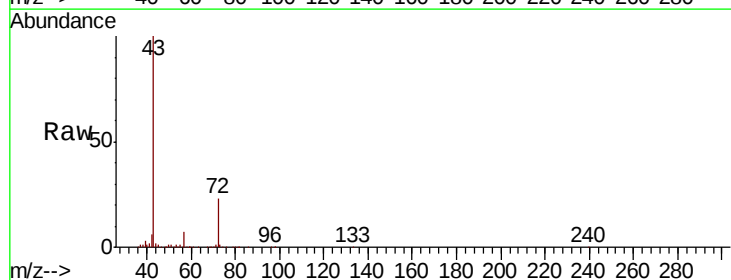


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

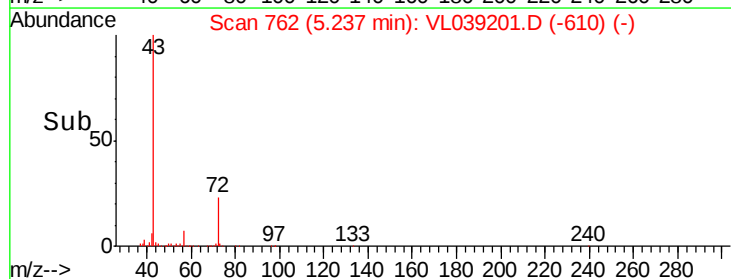
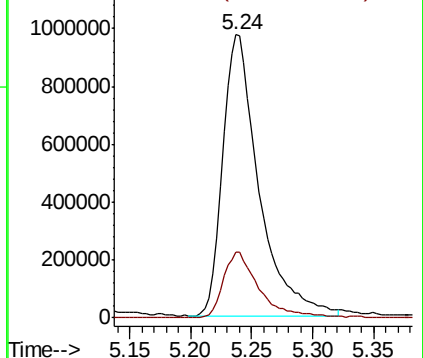


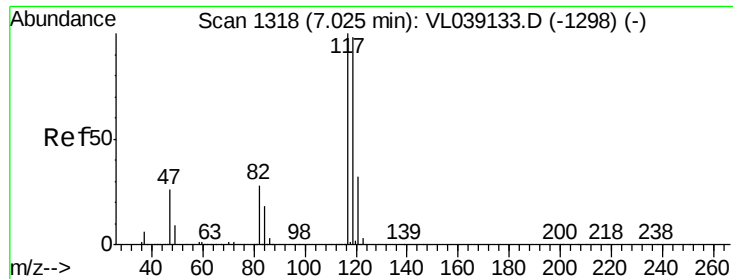
#34
 2-Butanone
 Concen: 10.617 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

Tgt Ion: 43 Resp: 2027250
 Ion Ratio Lower Upper
 43 100
 72 23.8 18.2 27.2



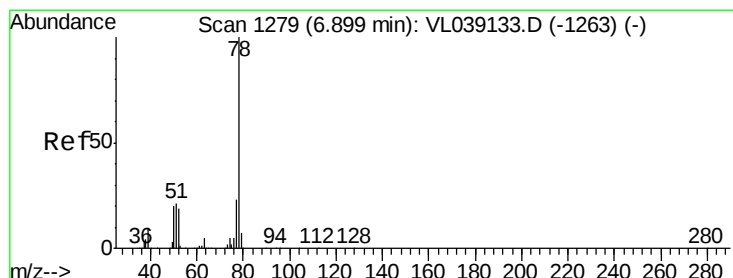
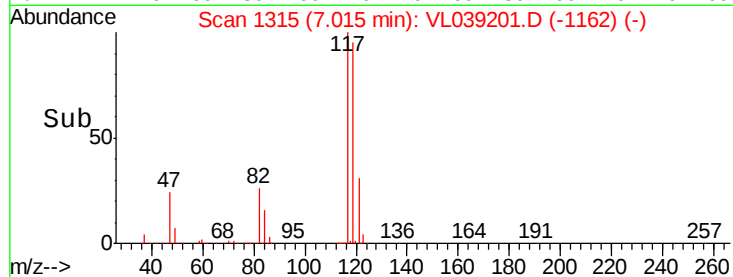
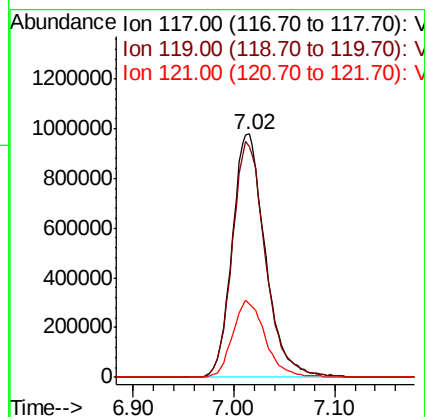
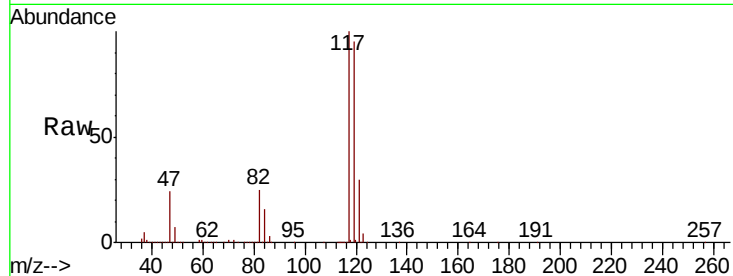
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





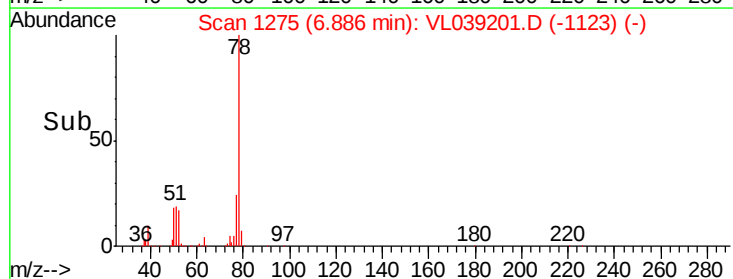
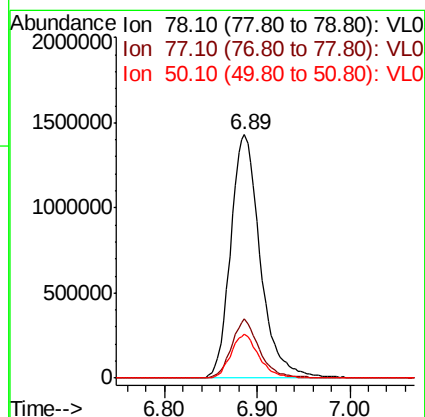
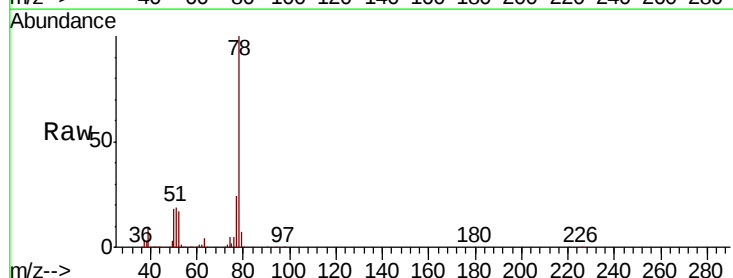
#35
 Carbon Tetrachloride
 Concen: 8.727 ppbv
 RT: 7.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 2:00

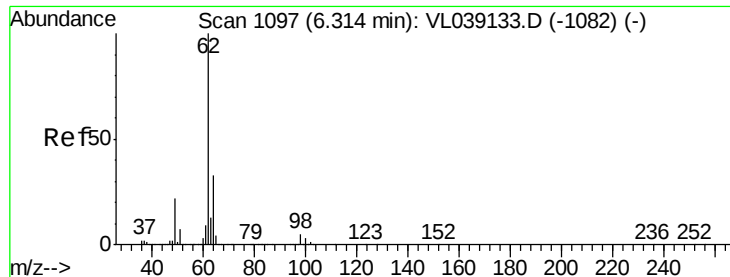
Tot Ion:117 Resp: 2238835
 Ion Ratio Lower Upper
 117 100
 119 94.7 78.6 118.0
 121 30.4 25.4 38.0



#36
 Benzene
 Concen: 11.108 ppbv
 RT: 6.89 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

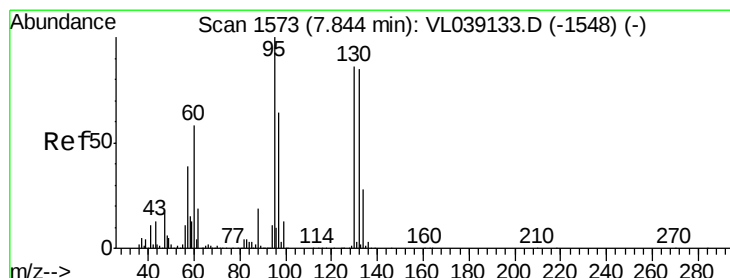
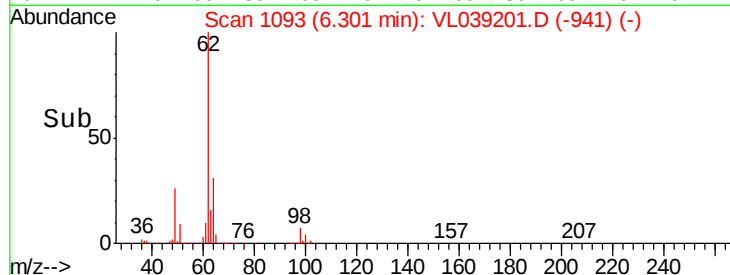
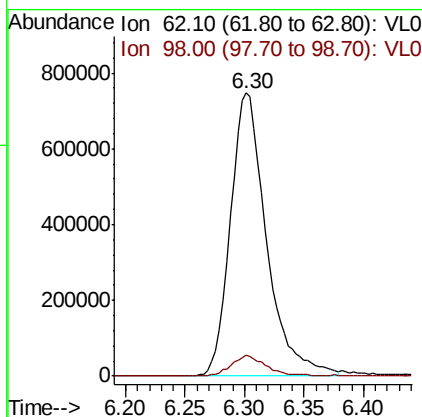
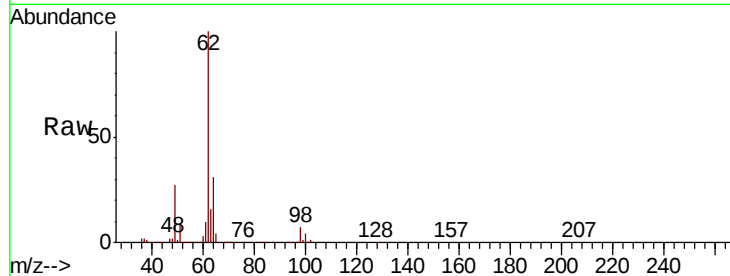
Tgt Ion: 78 Resp: 3169710
 Ion Ratio Lower Upper
 78 100
 77 24.4 18.6 27.8
 50 17.8 15.8 23.8





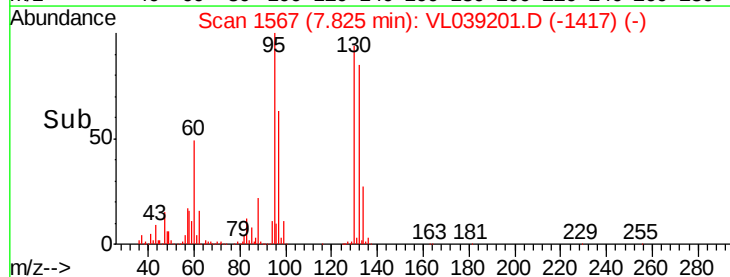
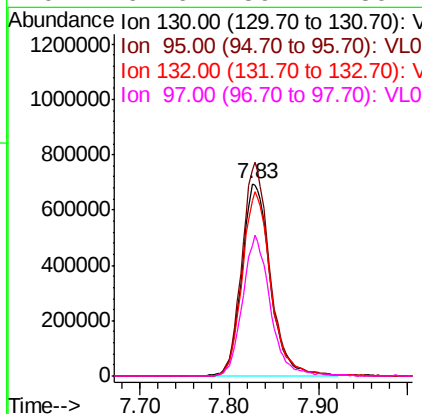
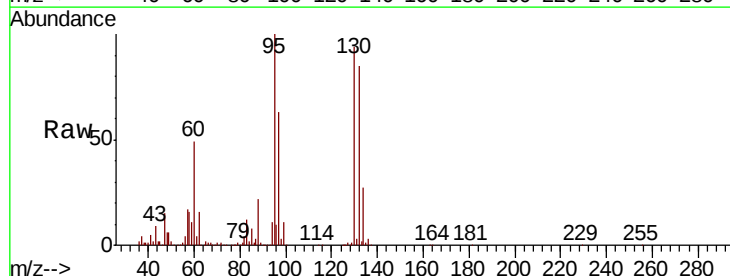
#37
 1,2-Dichloroethane
 Concen: 8.375 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 2:00

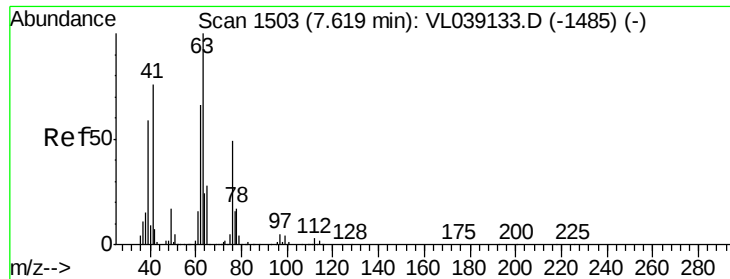
Tot Ion: 62 Resp: 1572780
 Ion Ratio Lower Upper
 62 100
 98 7.4 4.3 6.5#



#38
 Trichloroethene
 Concen: 11.771 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

Tgt Ion:130 Resp: 1542768
 Ion Ratio Lower Upper
 130 100
 95 106.9 93.3 139.9
 132 90.9 79.0 118.4
 97 67.6 59.4 89.2





#39

1,2-Dichloropropane

Concen: 10.684 ppbv

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 2:00

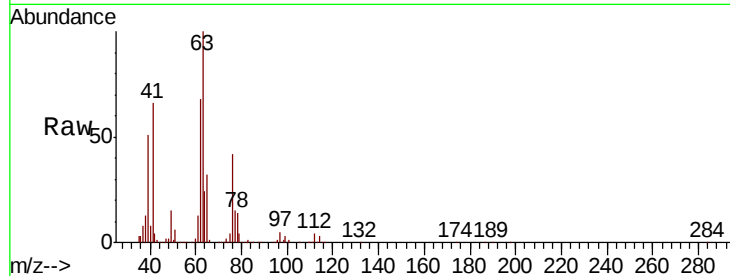
Tot Ion: 63 Resp: 1212676

Ion Ratio Lower Upper

63 100

41 66.1 60.8 91.2

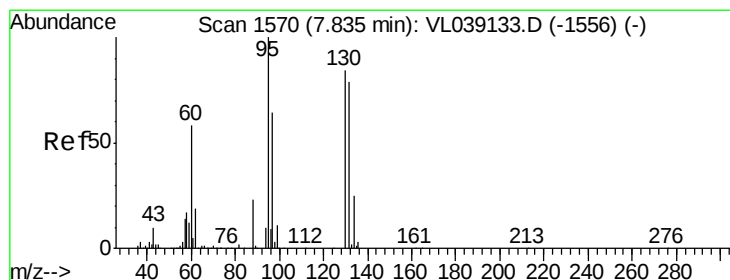
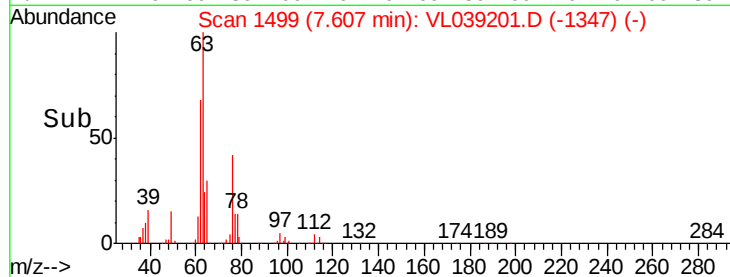
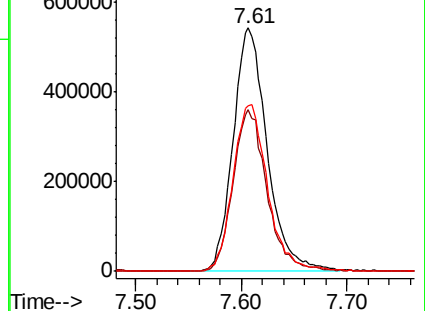
62 68.0 52.9 79.3



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: 11.234 ppbv

RT: 7.82 min Scan# 1565

Delta R.T. -0.02 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Tgt Ion: 88 Resp: 419767

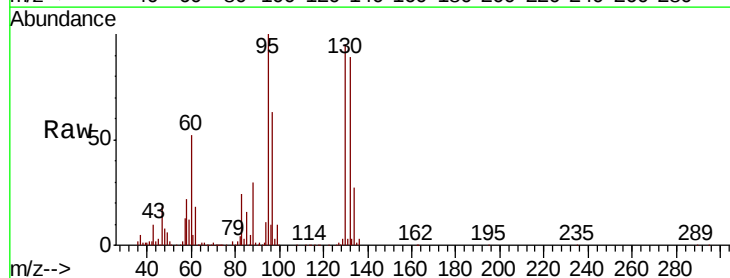
Ion Ratio Lower Upper

88 100

58 62.3 111.2 166.8#

43 0.0 234.2 351.4#

57 0.0 1039.9 1559.9#

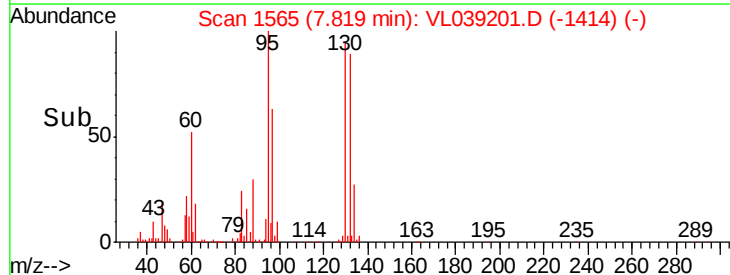
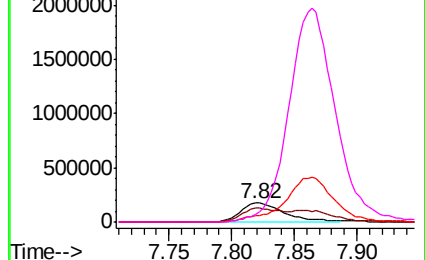


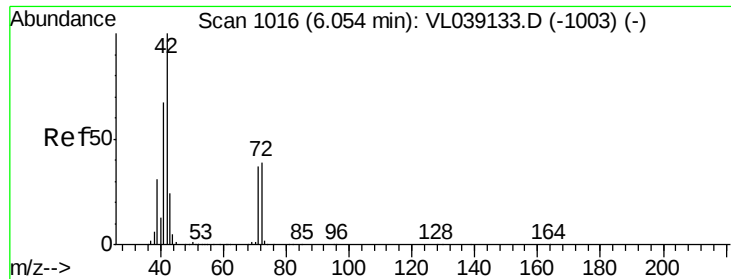
Abundance Ion 88.10 (87.80 to 88.80): VL0

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: 11.376 ppbv

RT: 6.04

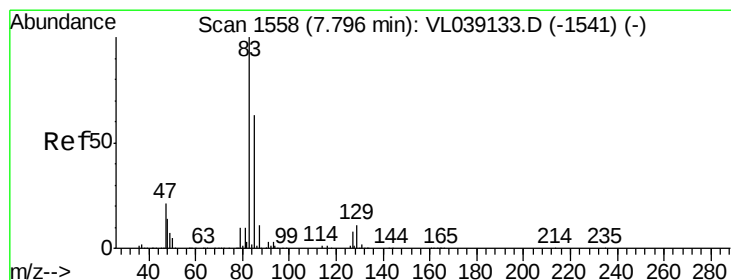
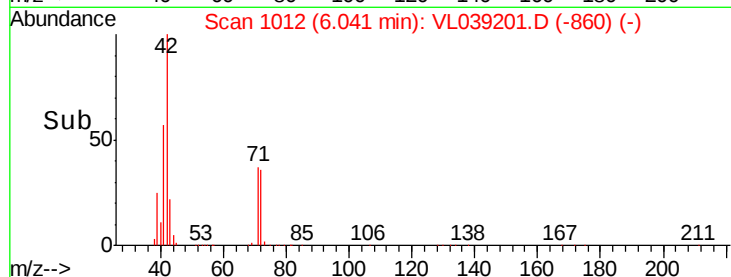
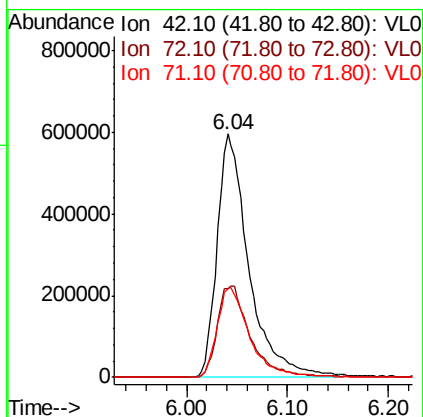
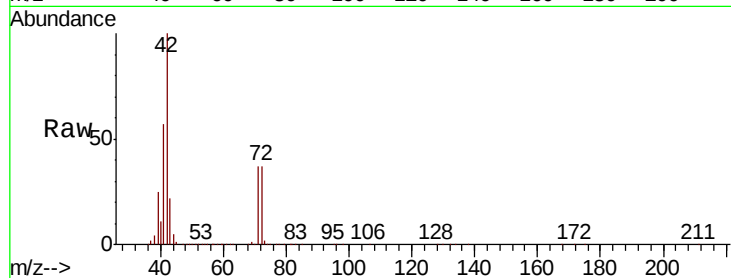
Delta R.T. MSVOA_L

Lab File:

Acq: 7 Jun 2022 2:00

Tot Ion: 42 Resp: 1306513

Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.0	48.0
71	38.2	31.1	46.7



#42

Bromodichloromethane

Concen: 9.325 ppbv

RT: 7.79 min Scan# 1555

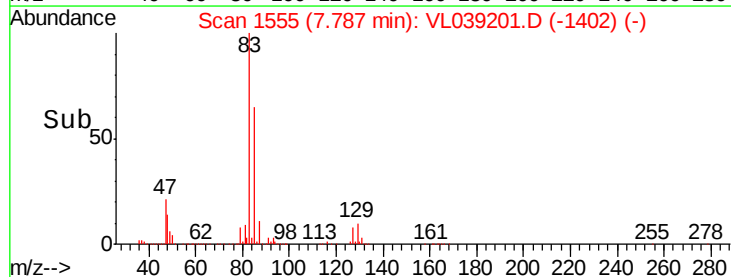
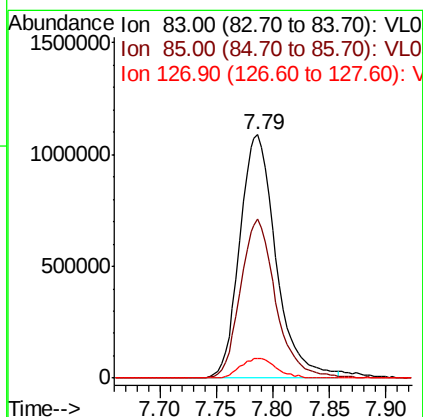
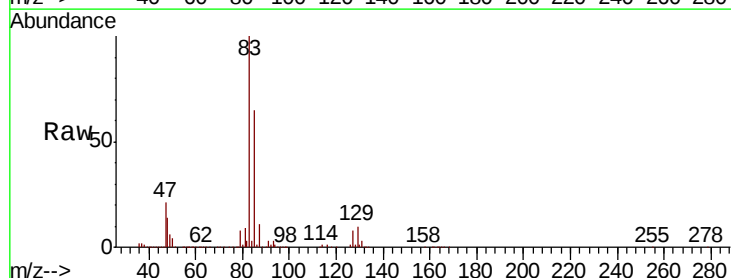
Delta R.T. -0.01 min

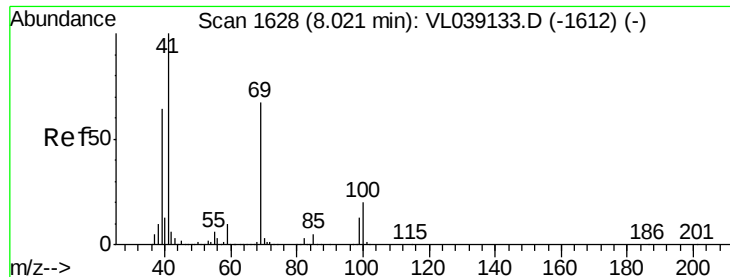
Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Tgt Ion: 83 Resp: 2430374

Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.2	75.4
127	8.3	6.6	9.8





#43

Methyl Methacrylate

Concen: 11.408 ppbv

RT: 8.01

Instrument: MSVOA_1

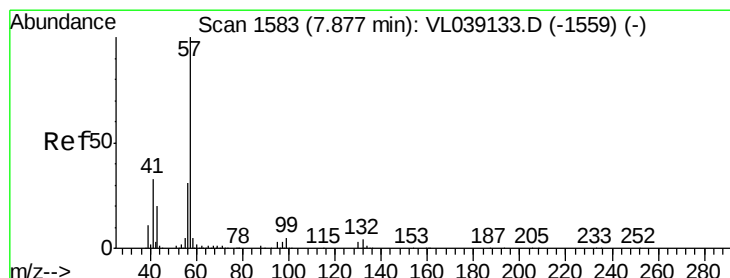
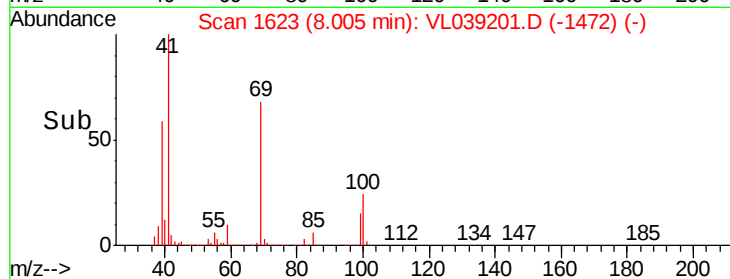
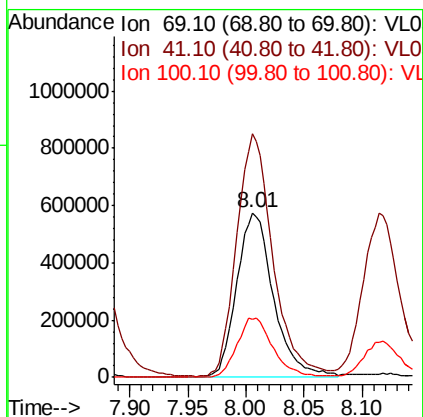
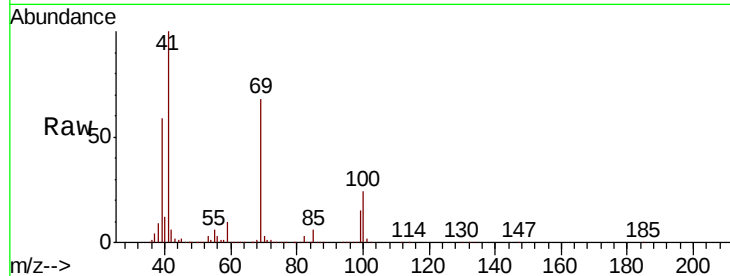
Delta R.T.:

Lab File: ClientSampleId:

Acq: 7 Jun 2022 2:00

Tot Ion: 69 Resp: 1267977

Ion	Ratio	Lower	Upper
69	100		
41	146.3	121.9	182.9
100	35.5	24.1	36.1



#44

2,2,4-Trimethylpentane

Concen: 10.209 ppbv

RT: 7.86 min Scan# 1579

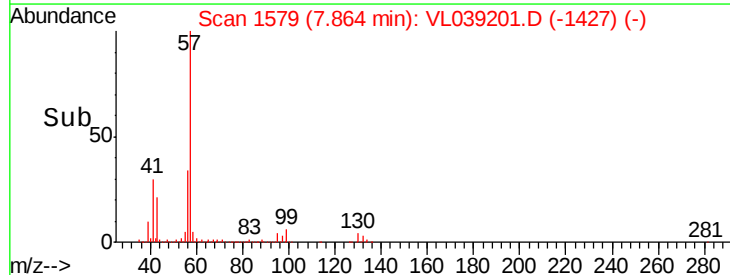
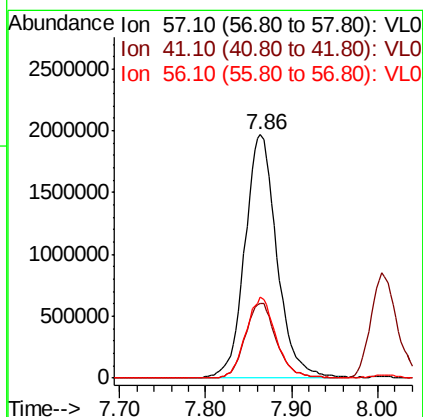
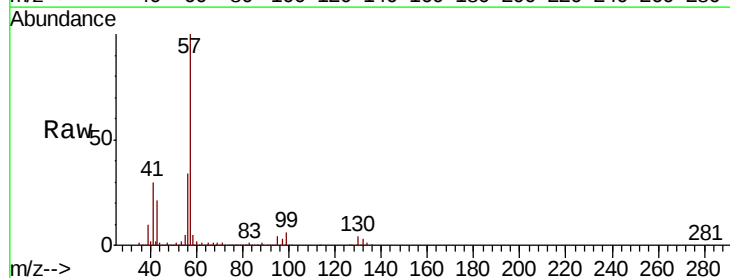
Delta R.T. -0.01 min

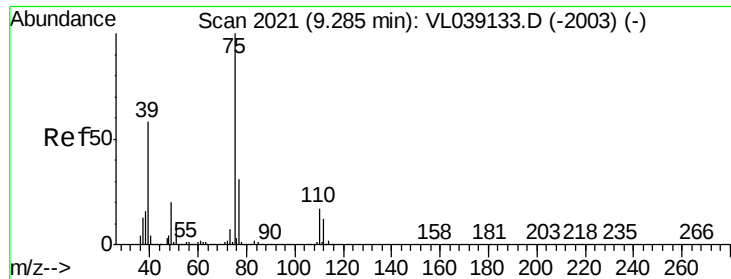
Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Tgt Ion: 57 Resp: 5095936

Ion	Ratio	Lower	Upper
57	100		
41	30.2	26.2	39.4
56	31.6	24.7	37.1

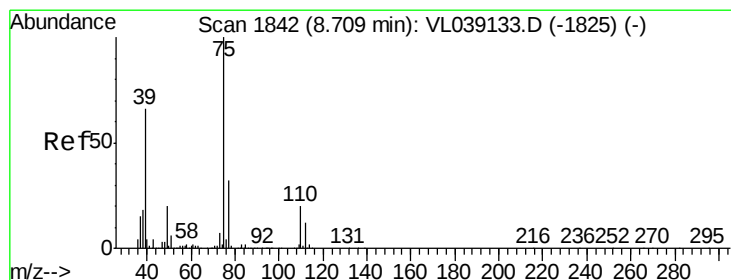
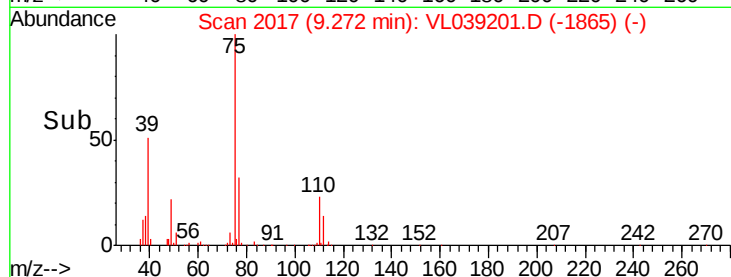
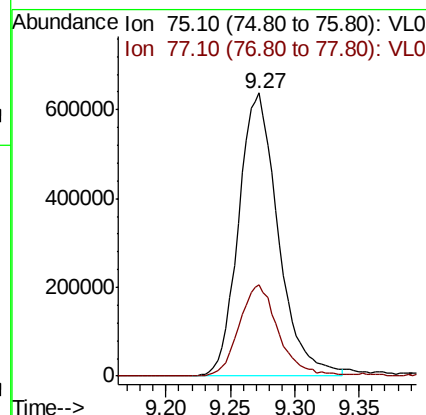
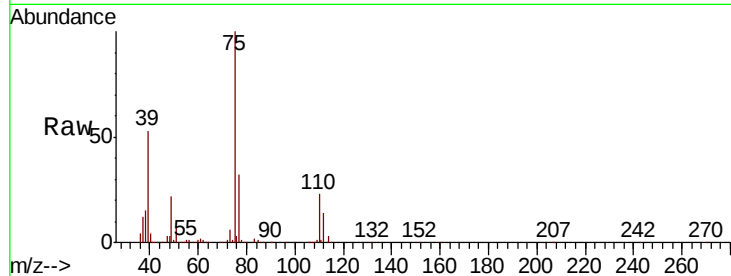




#45
t-1,3-Dichloropropene
Concen: 11.721 ppbv
RT: 9.27
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 2:00

Tot Ion: 75 Resp: 1356791

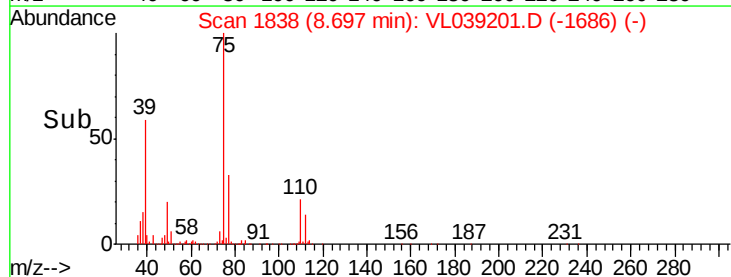
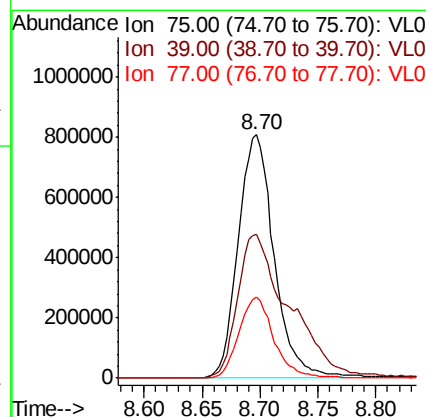
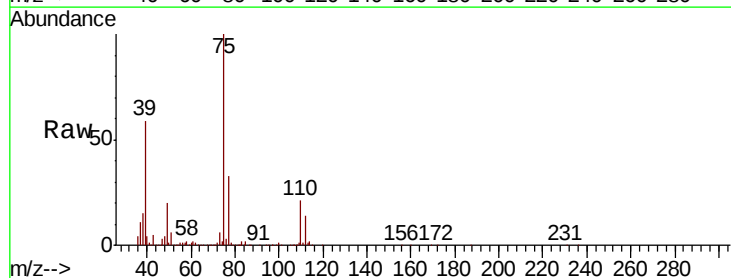
Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.4	36.6

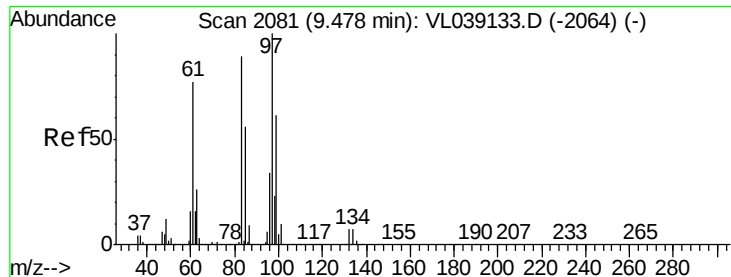


#46
cis-1,3-Dichloropropene
Concen: 11.347 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Tgt Ion: 75 Resp: 1735171

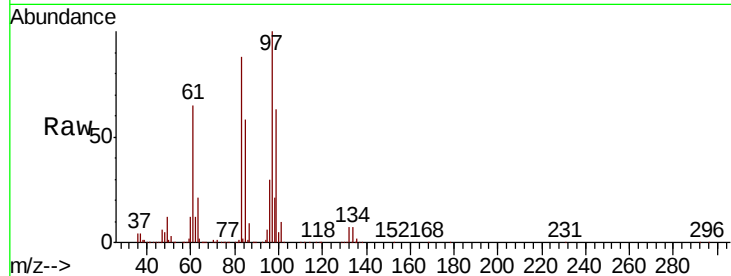
Ion	Ratio	Lower	Upper
75	100		
39	58.9	52.4	78.6
77	33.2	25.5	38.3





#47
 1,1,2-Trichloroethane
 Concen: 11.000 ppbv
 RT: 9.47 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 2:00

Tot Ion:	97	Resp:	1302518
Ion	Ratio	Lower	Upper
97	100		
83	88.4	71.6	107.4
85	57.6	44.8	67.2
99	63.1	49.0	73.4



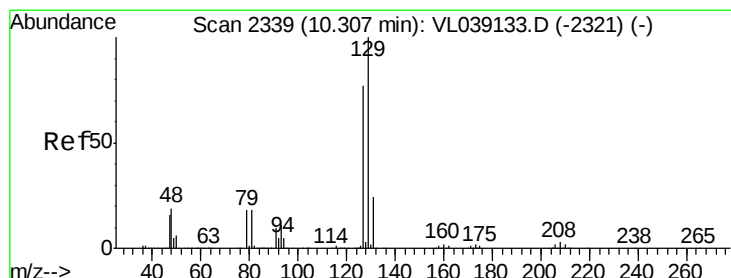
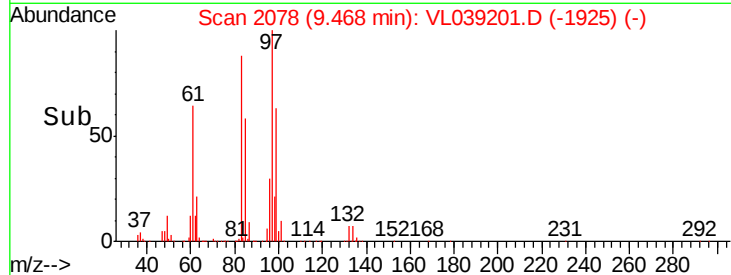
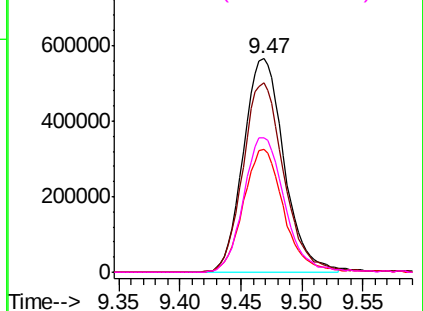
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

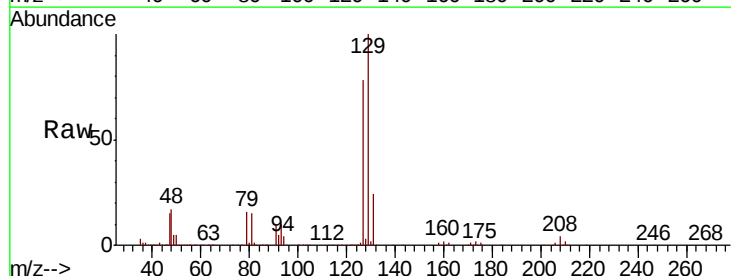
Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 10.105 ppbv
 RT: 10.29 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

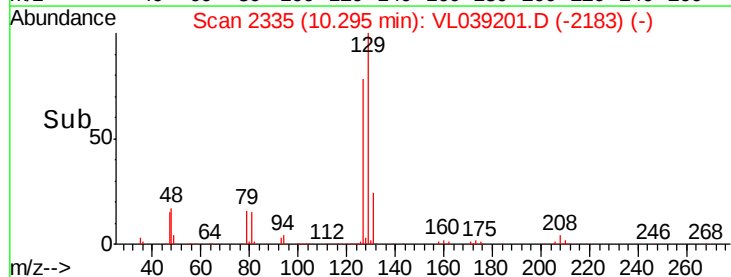
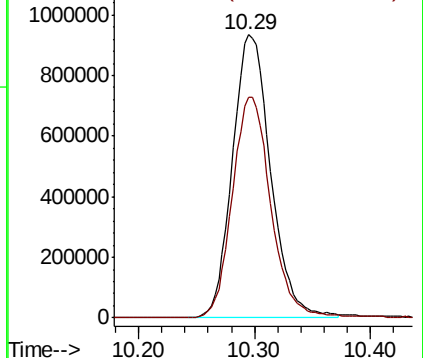
Tgt Ion:	129	Resp:	2136386
Ion	Ratio	Lower	Upper
129	100		
127	79.3	40.0	119.9

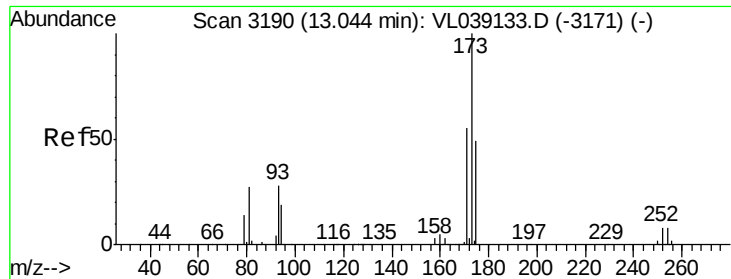


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.035 ppbv

RT: 13.03

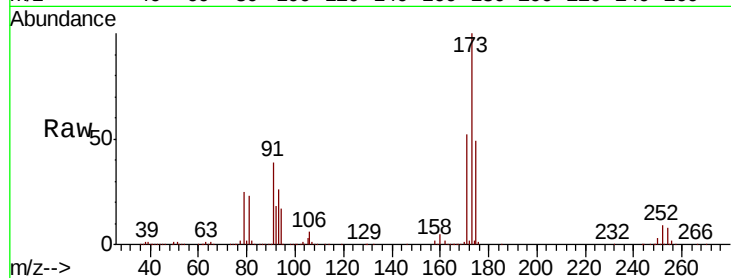
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 2:00

Tot Ion:173 Resp: 1768125

Ion	Ratio	Lower	Upper
173	100		
175	50.6	40.2	60.2
171	53.7	43.9	65.9

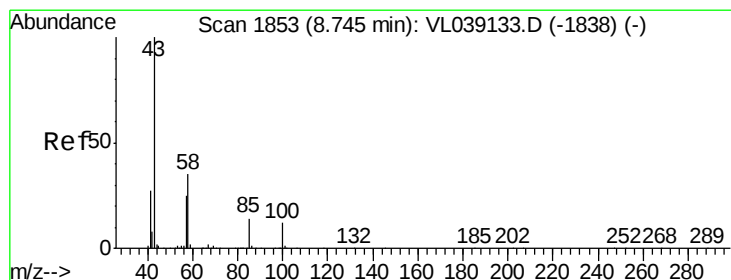
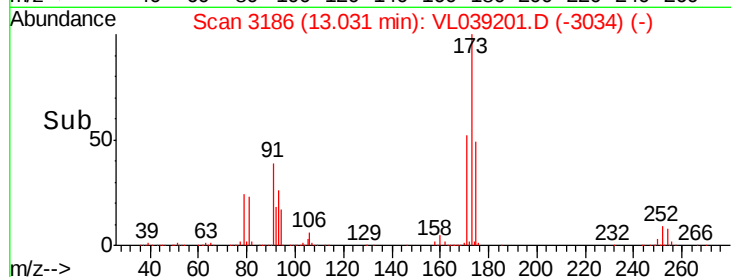
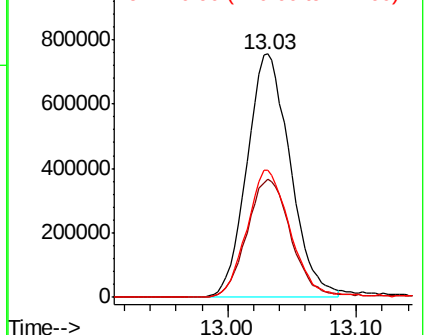


Abundance

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: 10.954 ppbv

RT: 8.73 min Scan# 1849

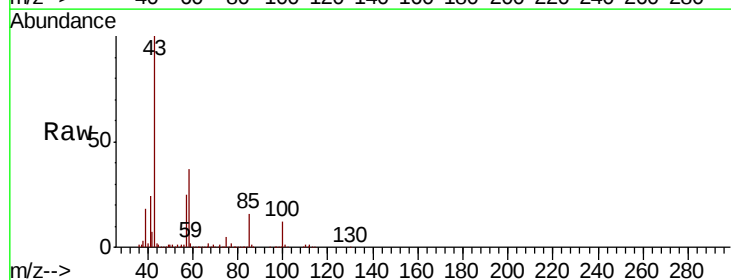
Delta R.T. -0.01 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Tgt Ion: 43 Resp: 3130813

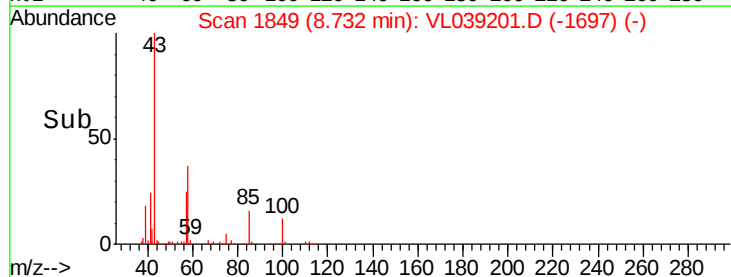
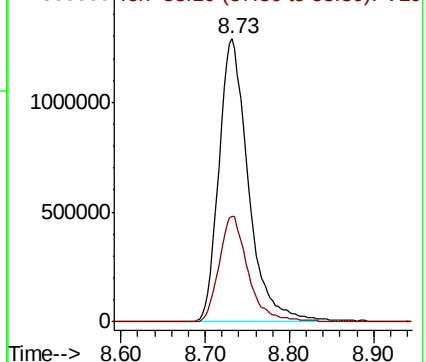
Ion	Ratio	Lower	Upper
43	100		
58	37.1	28.7	43.1

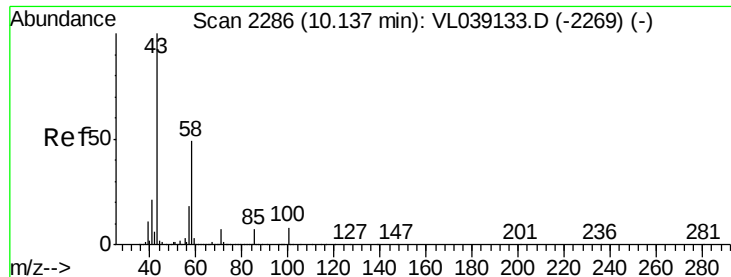


Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 11.037 ppbv

RT: 10.12

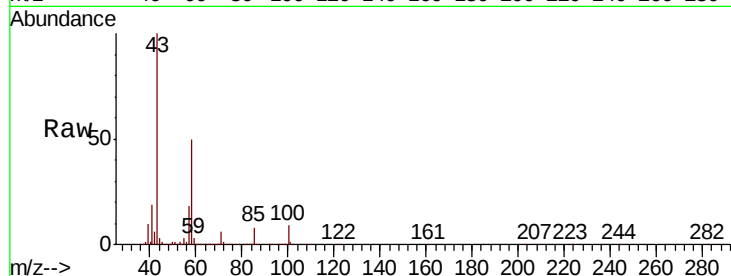
Delta R.T. MSVOA_L

Lab File:

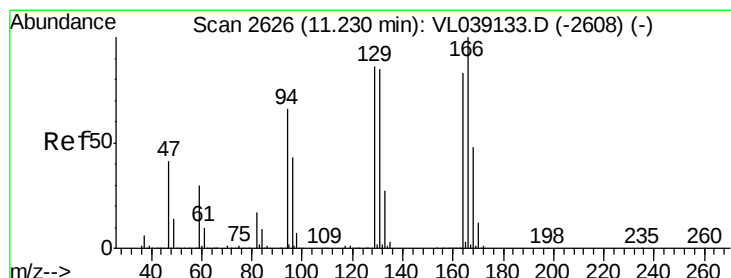
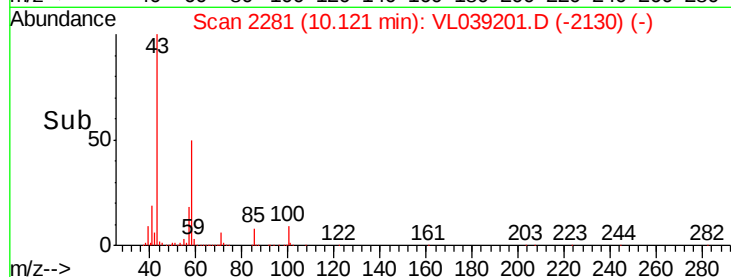
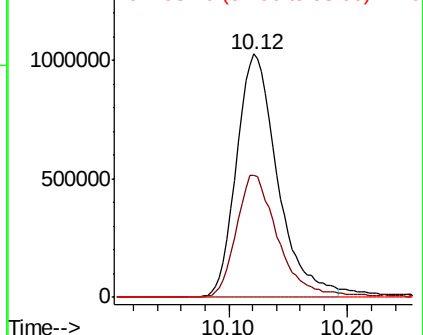
Acq: 7 Jun 2022 2:00

Tot Ion: 43 Resp: 2454794

Ion	Ratio	Lower	Upper
43	100		
58	52.2	40.0	60.0
98	0.1	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: 10.520 ppbv

RT: 11.21 min Scan# 2621

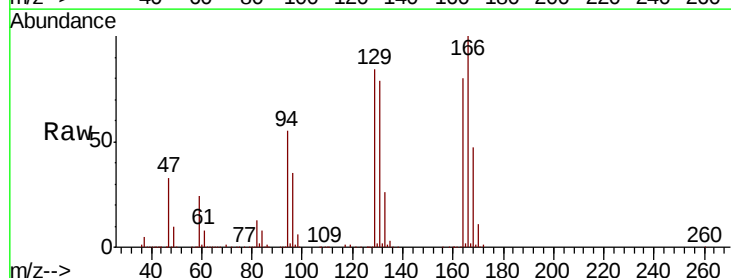
Delta R.T. -0.02 min

Lab File: VL039201.D

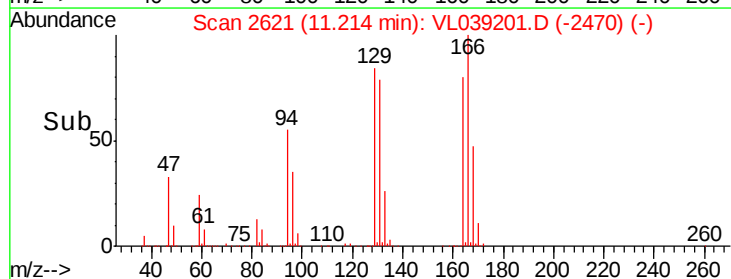
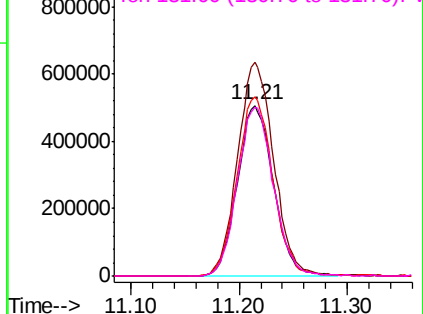
Acq: 7 Jun 2022 2:00

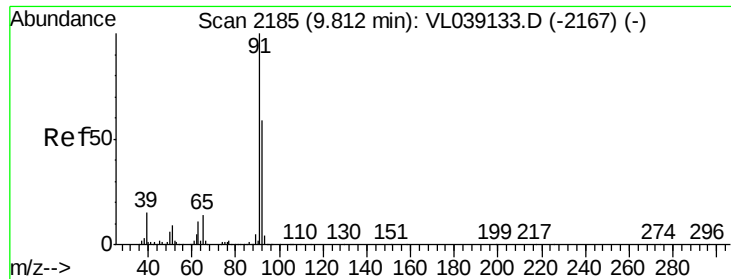
Tgt Ion: 164 Resp: 1172026

Ion	Ratio	Lower	Upper
164	100		
166	125.1	96.3	144.5
129	105.2	82.5	123.7
131	99.1	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: 11.345 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

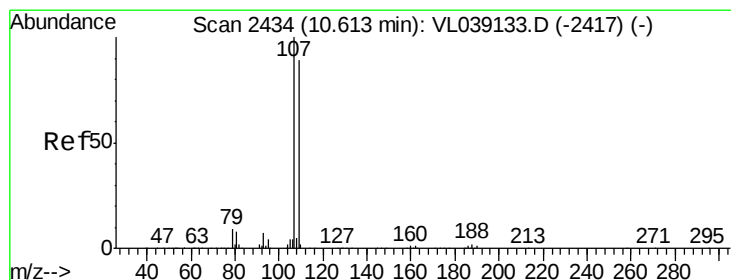
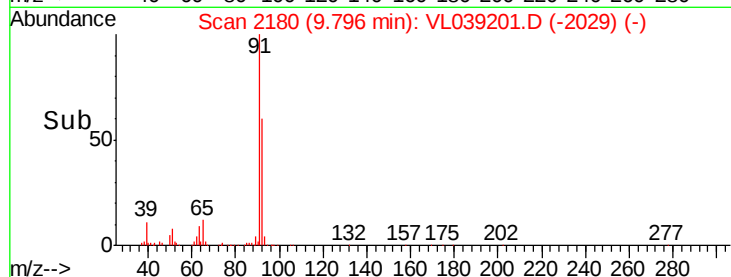
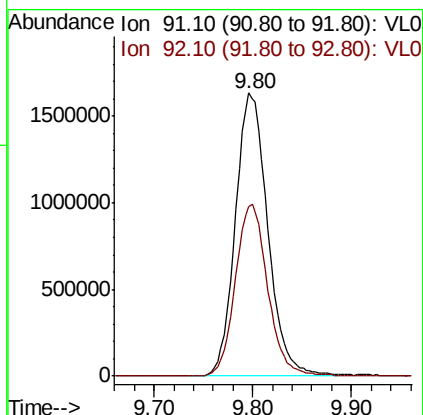
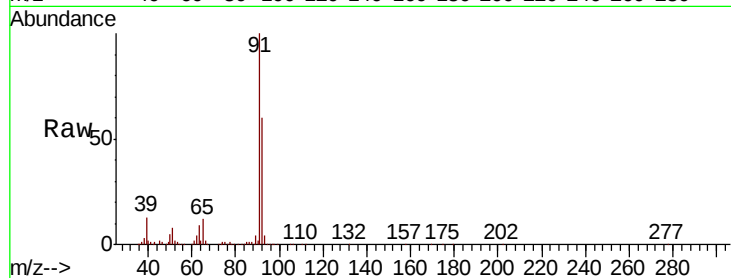
Acq: 7 Jun 2022 2:00

Tot Ion: 91 Resp: 3727738

Ion Ratio Lower Upper

91 100

92 60.9 48.1 72.1



#54

1,2-Dibromoethane

Concen: 11.232 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.01 min

Lab File: VL039201.D

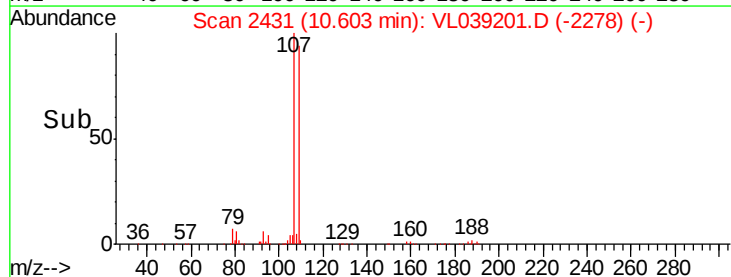
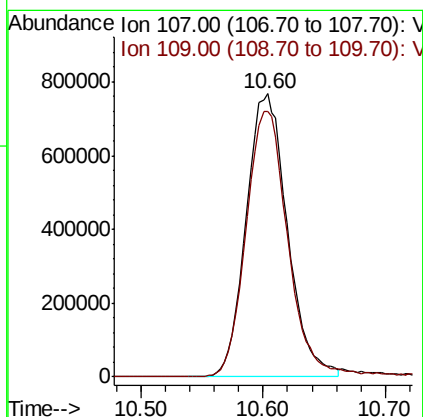
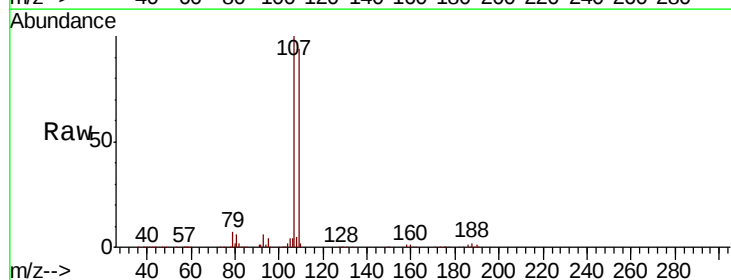
Acq: 7 Jun 2022 2:00

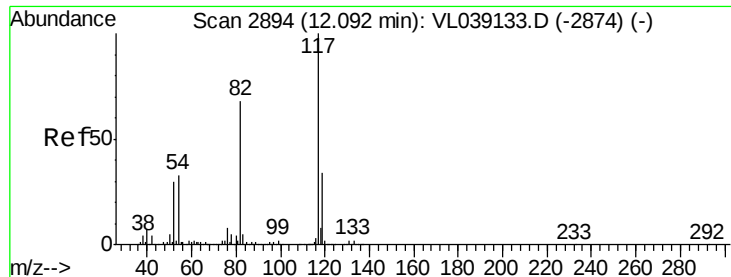
Tgt Ion: 107 Resp: 1787261

Ion Ratio Lower Upper

107 100

109 93.7 71.4 107.0

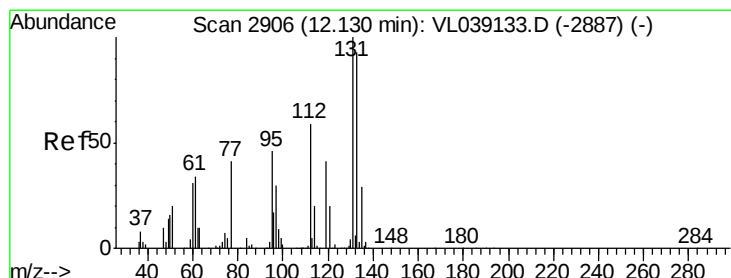
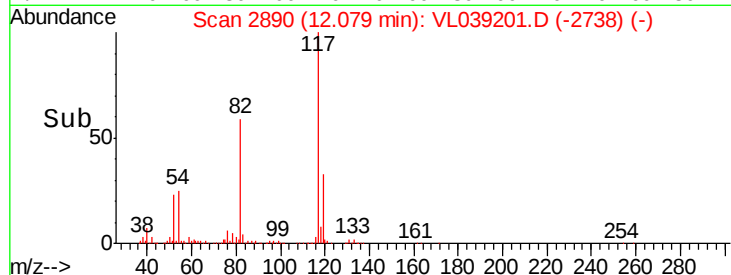
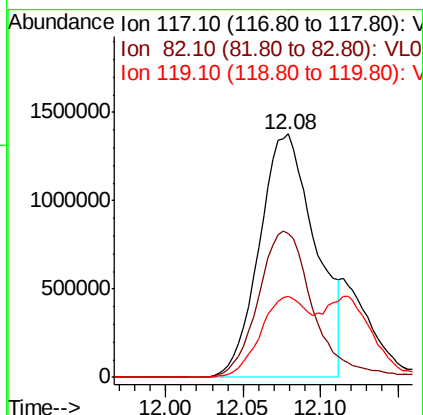
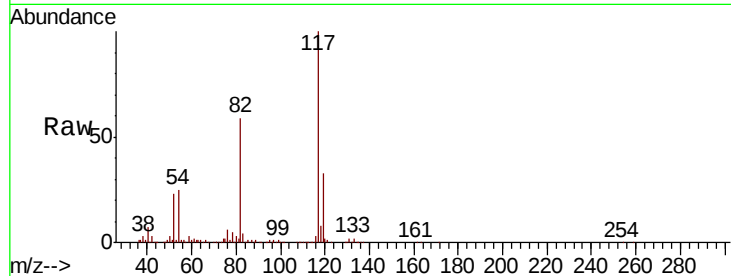




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 2:00

Tot Ion:117 Resp: 3479734

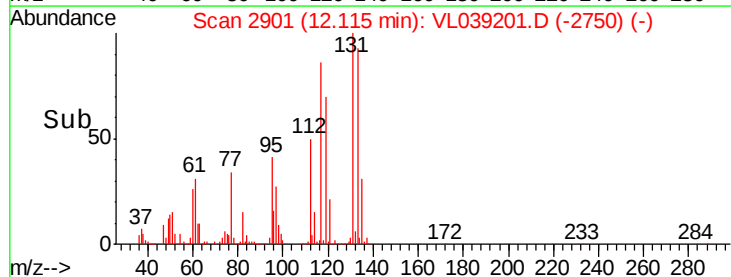
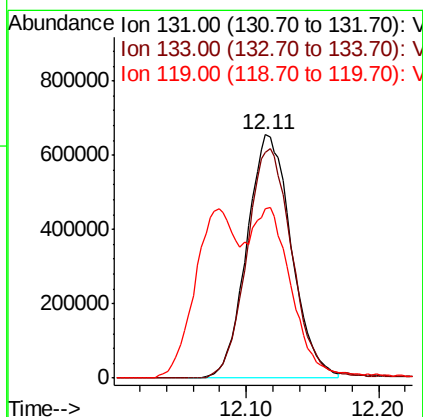
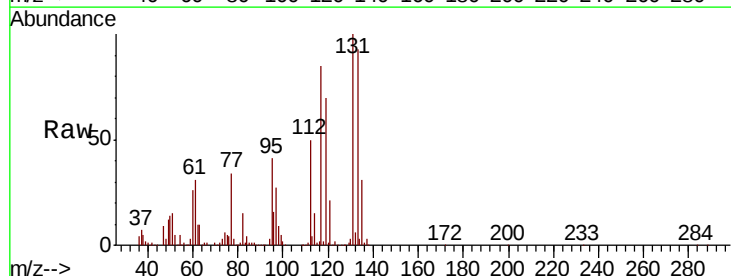
Ion	Ratio	Lower	Upper
117	100		
82	60.6	55.1	82.7
119	32.4	24.7	37.1

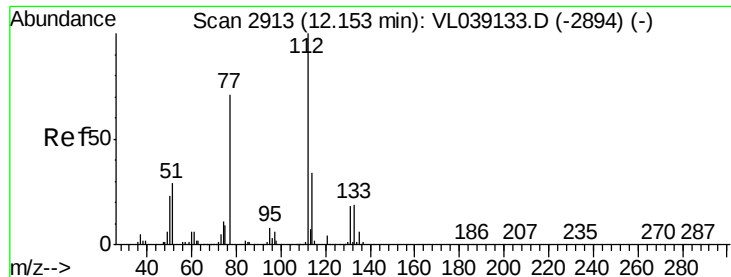


#56
1,1,1,2-Tetrachloroethane
Concen: 9.287 ppbv
RT: 12.11 min Scan# 2901
Delta R.T.: -0.02 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Tgt Ion:131 Resp: 1529089

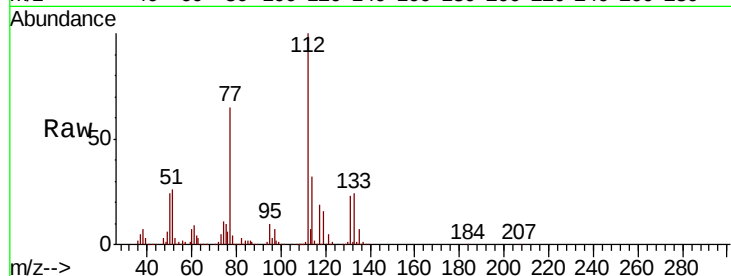
Ion	Ratio	Lower	Upper
131	100		
133	97.5	78.6	117.8
119	62.1	51.7	77.5



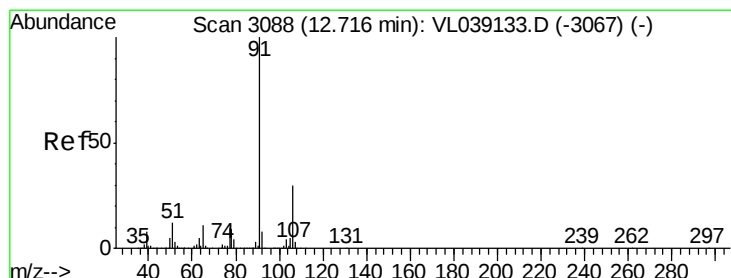
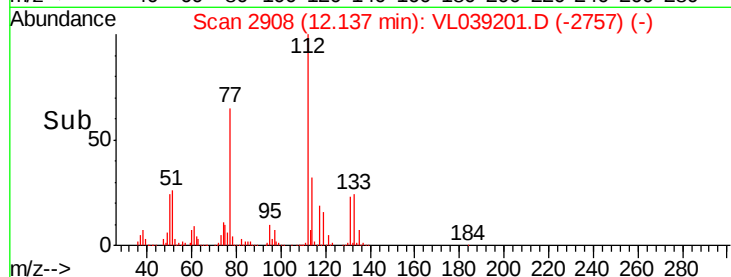
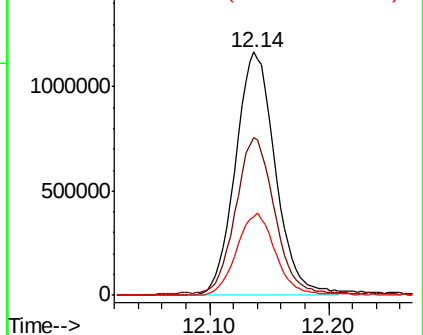


#57
Chlorobenzene
Concen: 10.302 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Jun 2022 2:00

Tot Ion: 112 Resp: 2697430
Ion Ratio Lower Upper
112 100
77 63.6 56.5 84.7
114 32.1 30.3 37.1

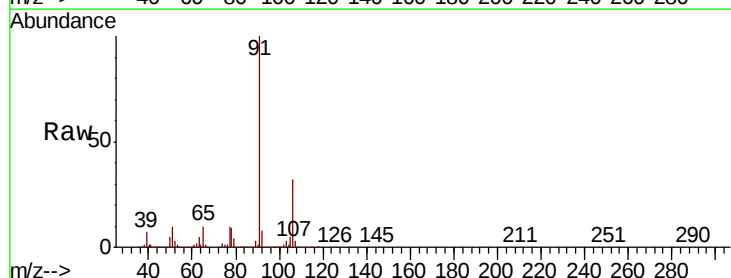


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

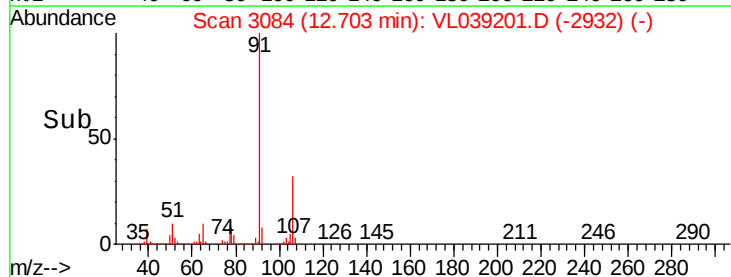
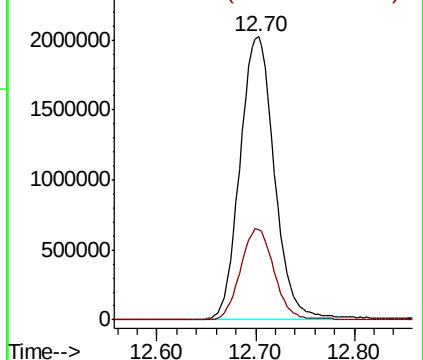


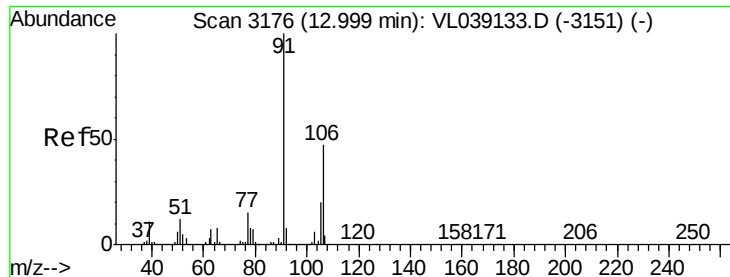
#58
Ethyl Benzene
Concen: 10.188 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.01 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Tgt Ion: 91 Resp: 4883045
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.4



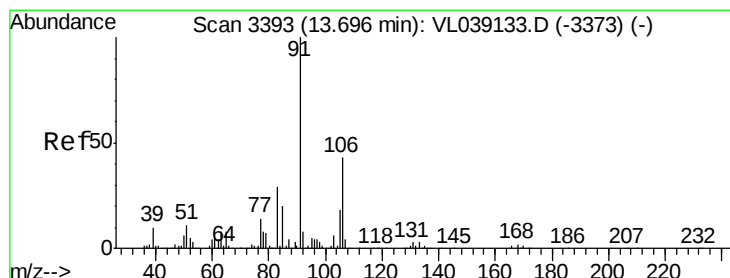
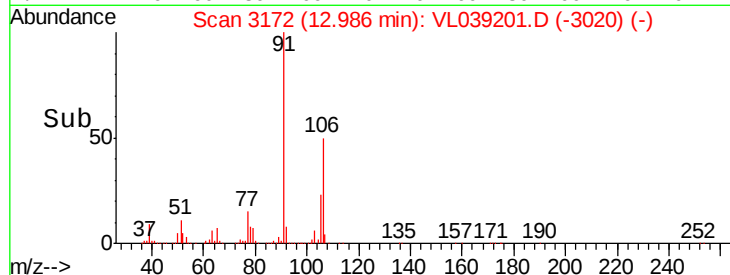
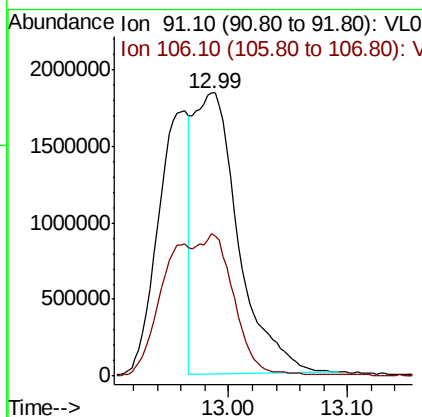
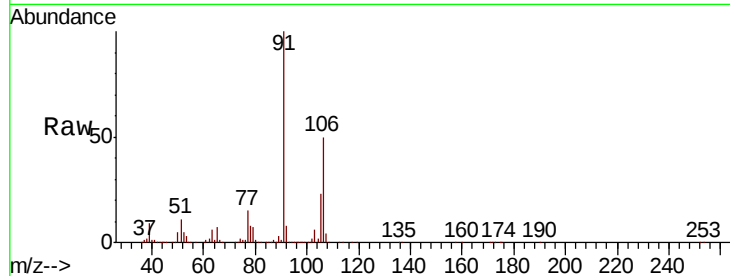
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





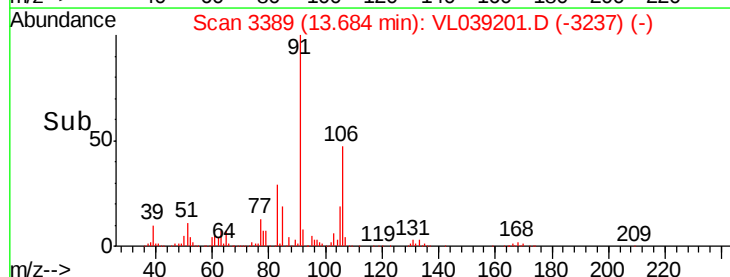
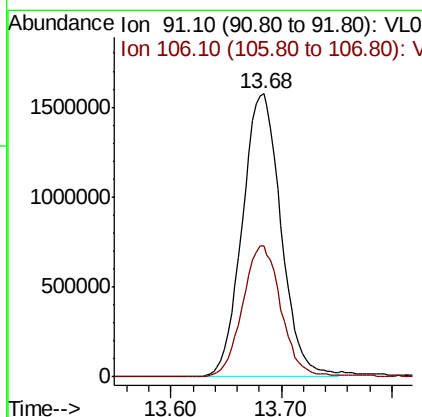
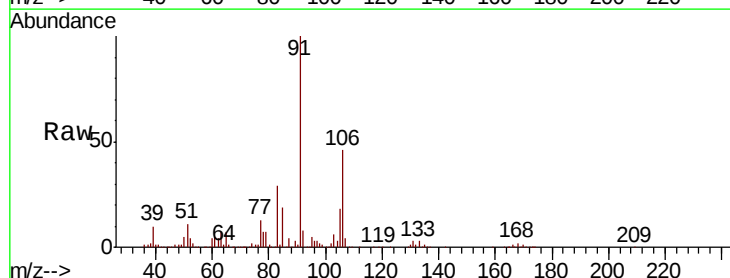
#59
m/p-Xylene
Concen: 11.331 ppbv
RT: 12.99 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 2:00

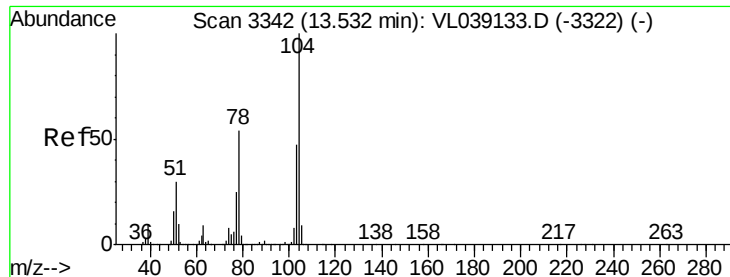
Tot Ion: 91 Resp: 4782876
Ion Ratio Lower Upper
91 100
106 77.9 34.3 51.5#



#60
o-Xylene
Concen: 9.647 ppbv
RT: 13.68 min Scan# 3389
Delta R.T.: -0.01 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

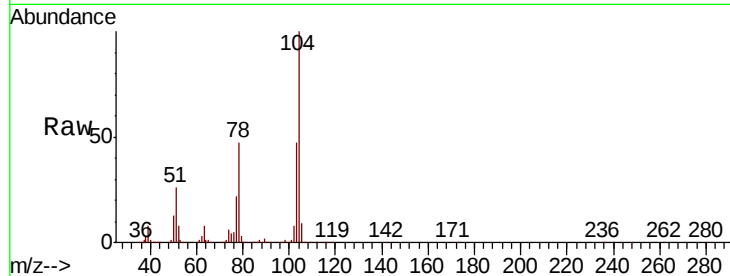
Tgt Ion: 91 Resp: 3826256
Ion Ratio Lower Upper
91 100
106 46.9 22.3 66.9



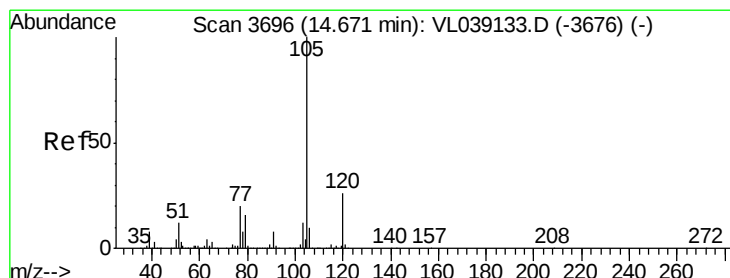
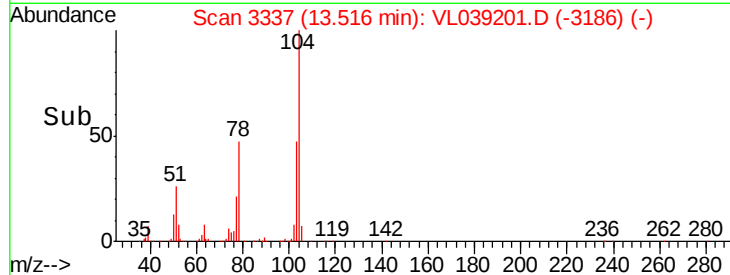
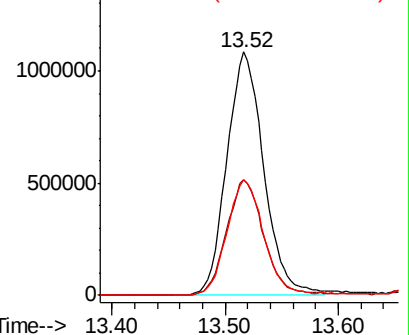


#61
Stvrene
Concen: 11.619 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 2:00

Tot Ion:104 Resp: 2467846
Ion Ratio Lower Upper
104 100
78 48.3 45.7 68.5
103 48.0 39.6 59.4

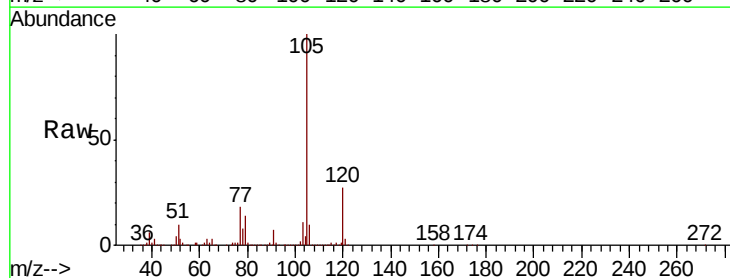


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

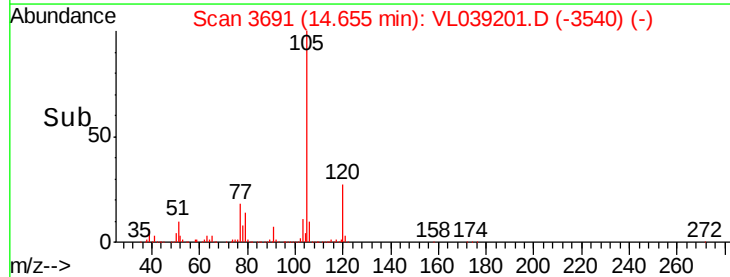
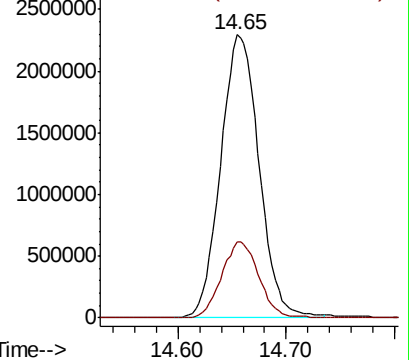


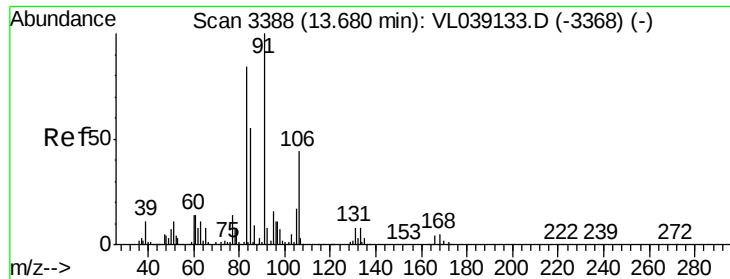
#62
Isopropylbenzene
Concen: 9.638 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. -0.02 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Tgt Ion:105 Resp: 5681275
Ion Ratio Lower Upper
105 100
120 26.5 20.3 30.5



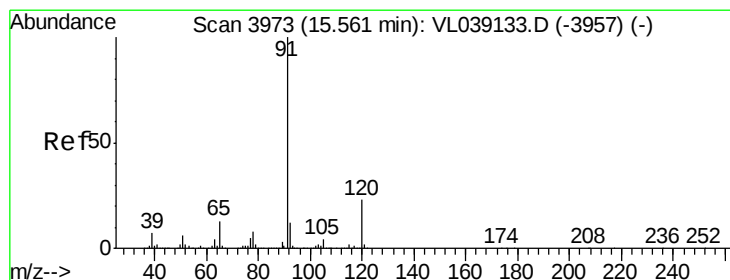
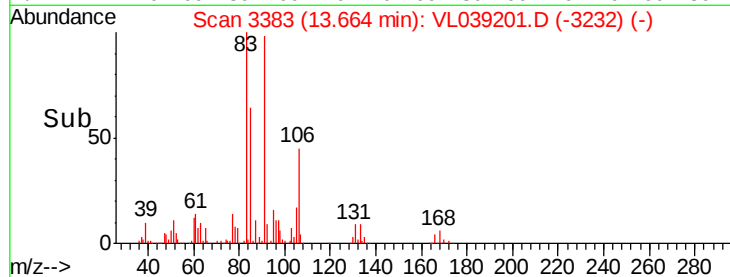
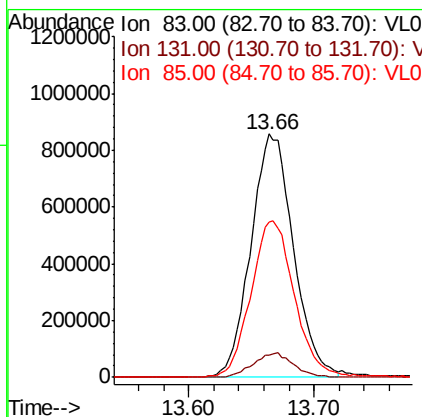
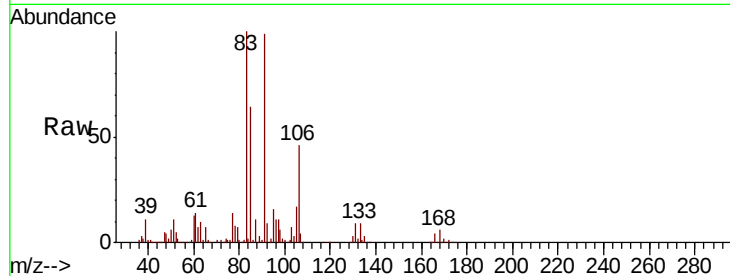
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





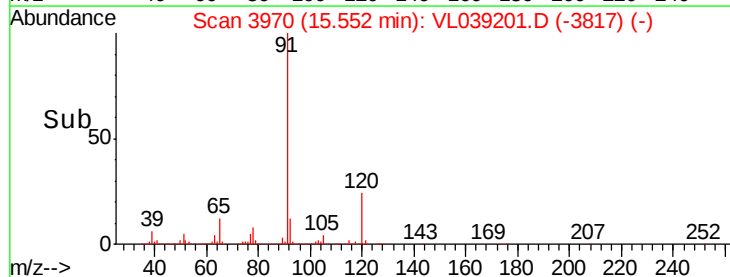
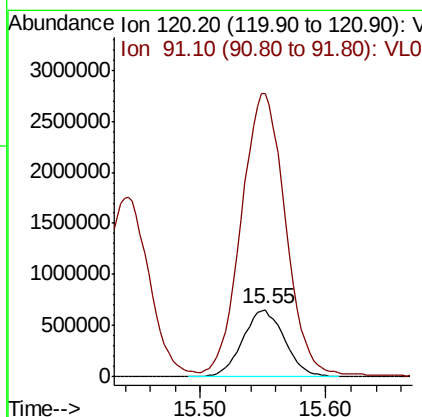
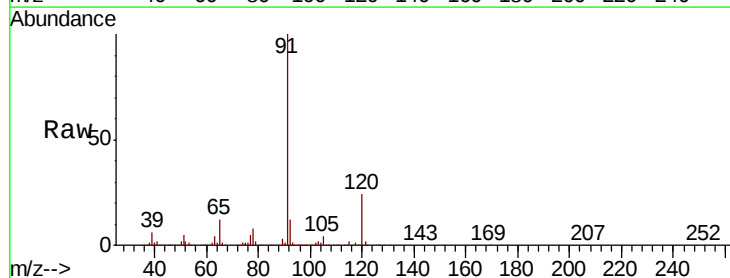
#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.085 ppbv
 RT: 13.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 2:00

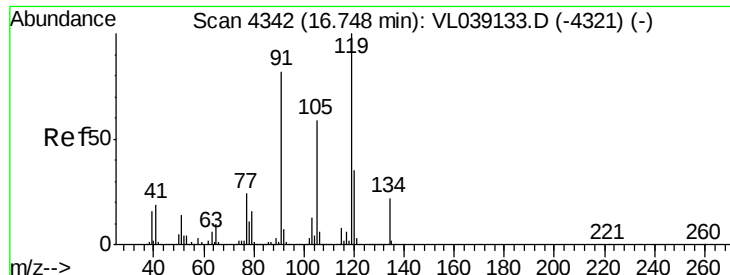
Tot Ion: 83 Resp: 2022579
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.8 14.3
 85 66.6 33.0 99.0



#64
 n-propylbenzene
 Concen: 10.502 ppbv
 RT: 15.55 min Scan# 3970
 Delta R.T. -0.01 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

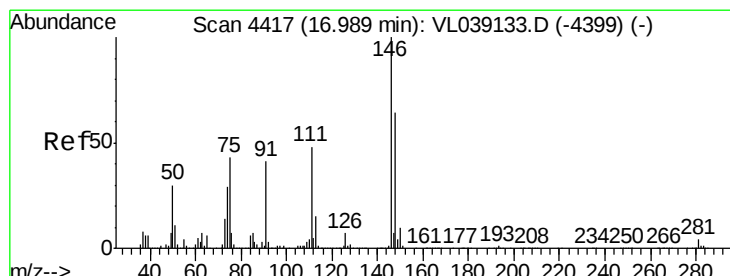
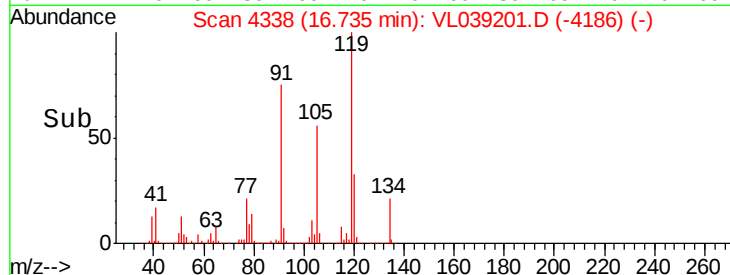
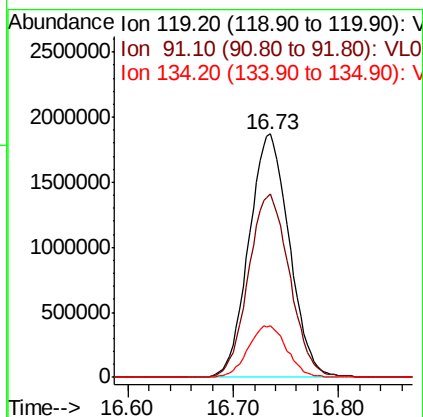
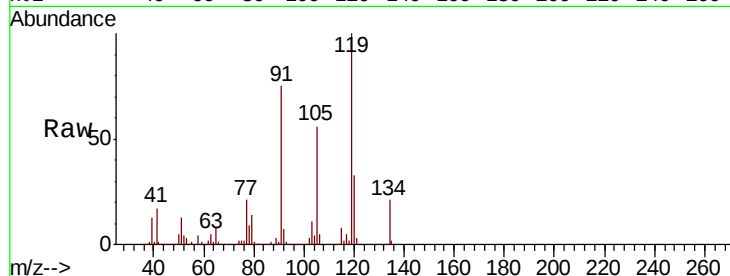
Tgt Ion:120 Resp: 1521927
 Ion Ratio Lower Upper
 120 100
 91 450.4 388.4 582.6





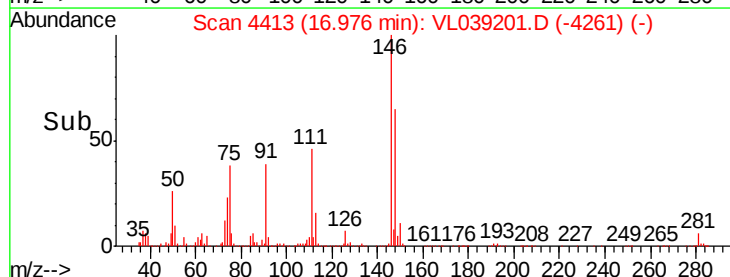
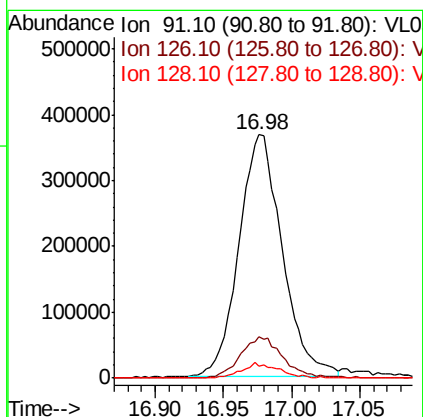
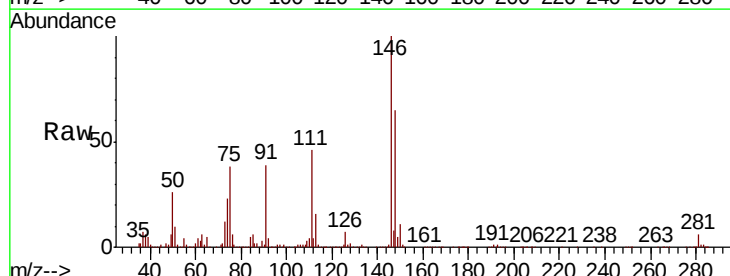
#65
 tert-Butylbenzene
 Concen: 9.235 ppbv
 RT: 16.73 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 2:00

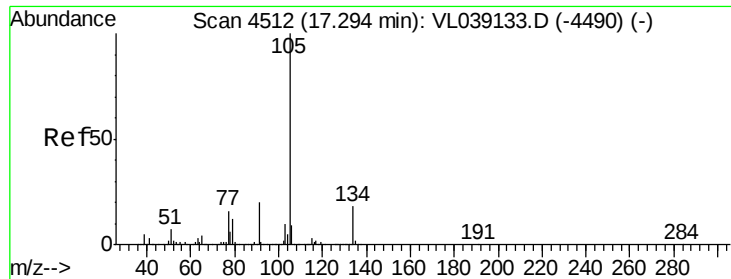
Tot Ion: 119 Resp: 4978199
 Ion Ratio Lower Upper
 119 100
 91 77.1 67.1 100.7
 134 20.3 15.8 23.8



#66
 Benzyl Chloride
 Concen: 11.525 ppbv
 RT: 16.98 min Scan# 4413
 Delta R.T.: -0.01 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

Tgt Ion: 91 Resp: 807826
 Ion Ratio Lower Upper
 91 100
 126 17.0 13.4 20.0
 128 5.7 4.1 6.1





#67

sec-Butylbenzene

Concen: 9.525 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

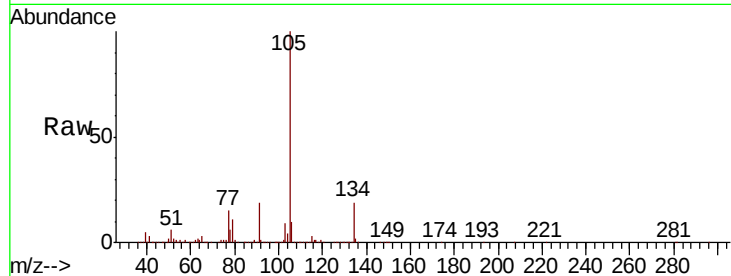
Acq: 7 Jun 2022 2:00

Tot Ion: 105 Resp: 7005509

Ion Ratio Lower Upper

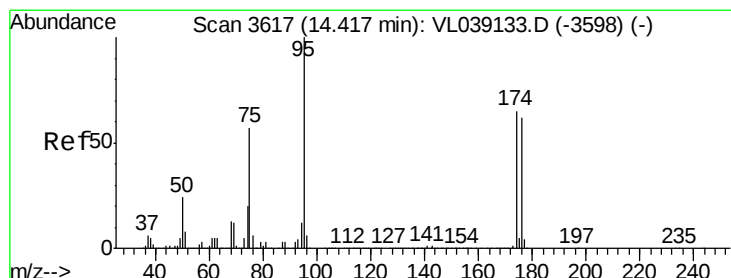
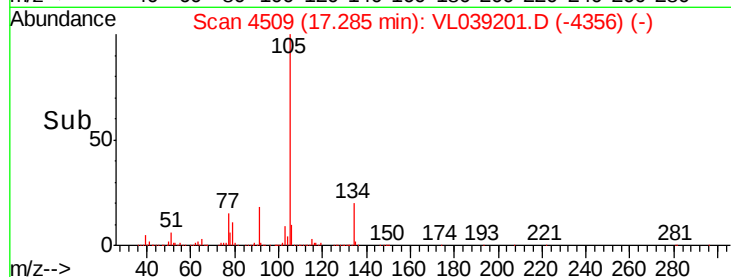
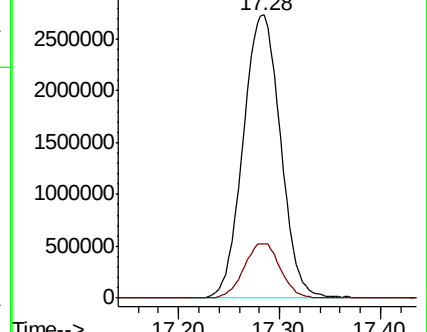
105 100

134 18.8 14.4 21.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.680 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.01 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

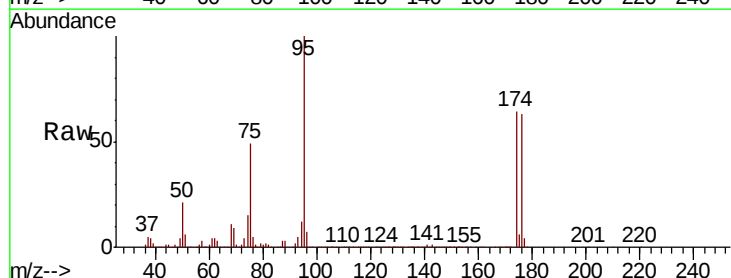
Tgt Ion: 95 Resp: 2497189

Ion Ratio Lower Upper

95 100

174 70.2 53.8 80.8

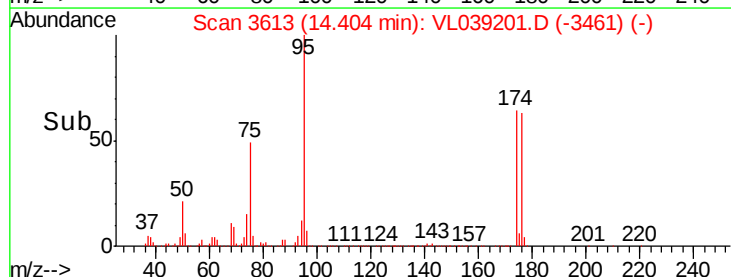
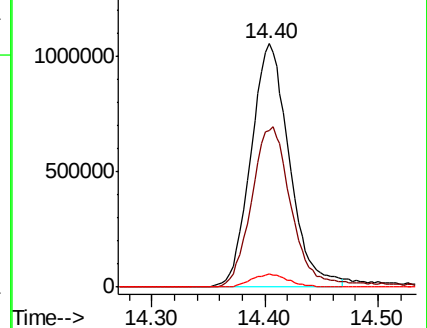
175 5.4 4.1 6.1

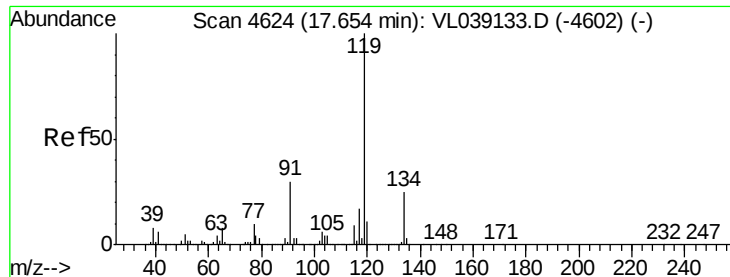


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

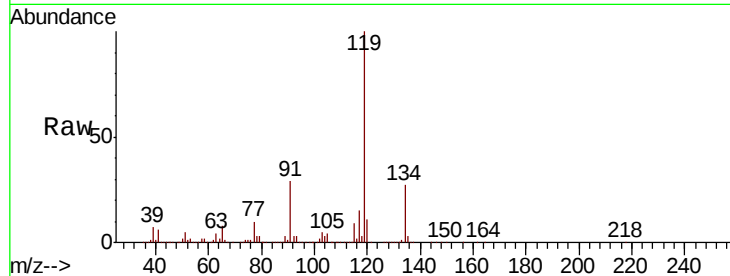
Ion 175.00 (174.70 to 175.70): V



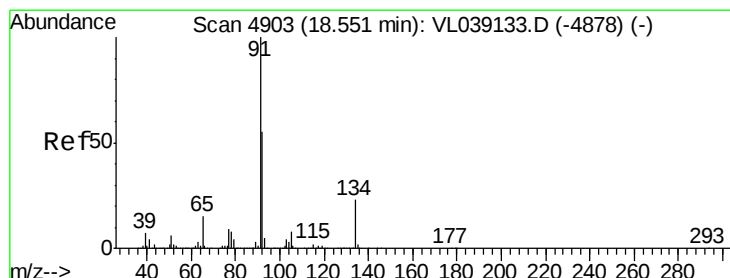
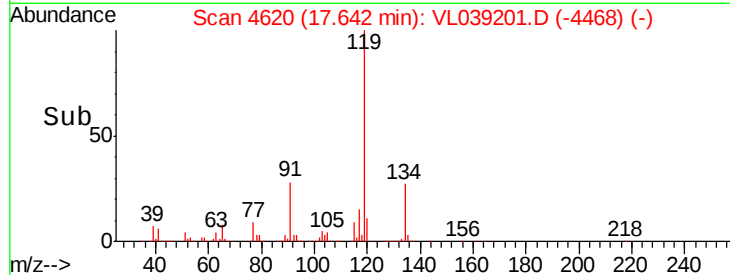
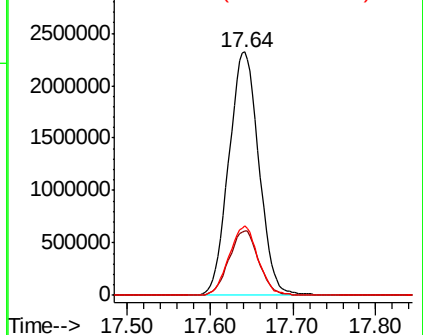


#69
 p-Isopropyltoluene
 Concen: 9.441 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 2:00

Tot Ion:	119	Resp:	5858525
Ion	Ratio	Lower	Upper
119	100		
134	26.1	20.4	30.6
91	27.5	24.2	36.4

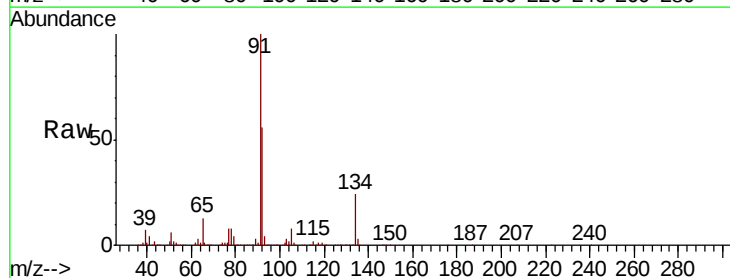


Abundance Ion 119.10 (118.80 to 119.80): VL0
 Ion 134.20 (133.90 to 134.90): VL0
 Ion 91.10 (90.80 to 91.80): VL0

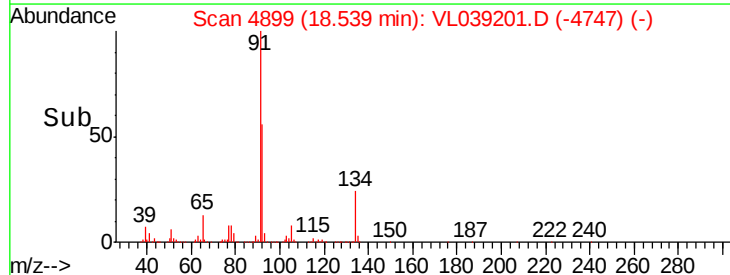
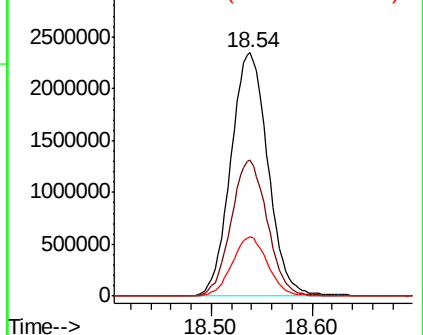


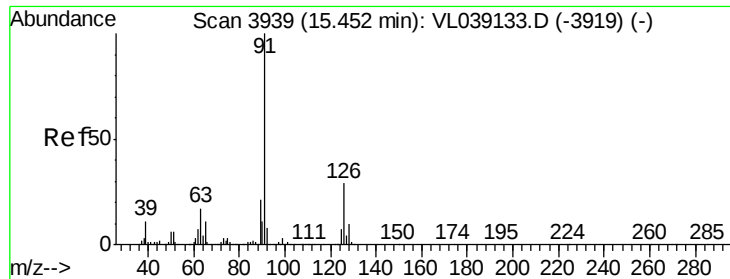
#70
 n-Butylbenzene
 Concen: 9.380 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T. -0.01 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

Tgt Ion:	91	Resp:	5974325
Ion	Ratio	Lower	Upper
91	100		
92	54.9	43.6	65.4
134	23.6	17.7	26.5



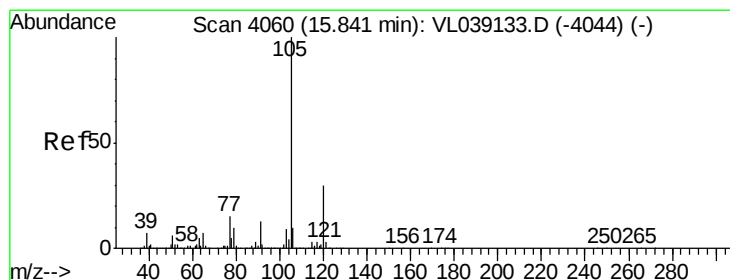
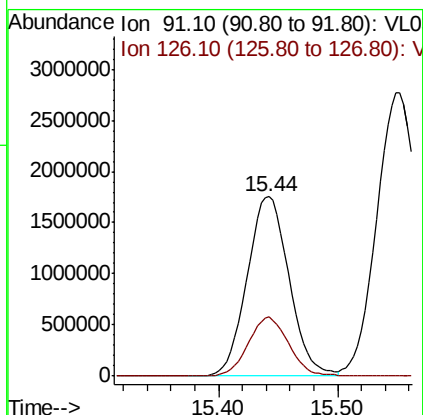
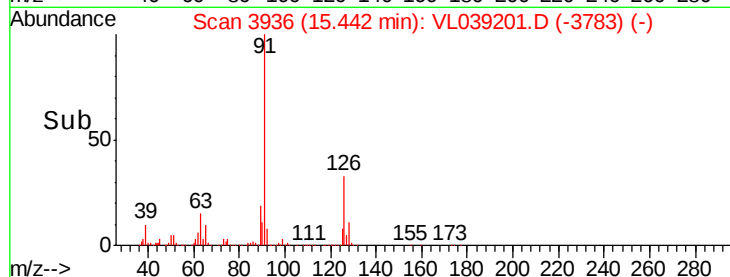
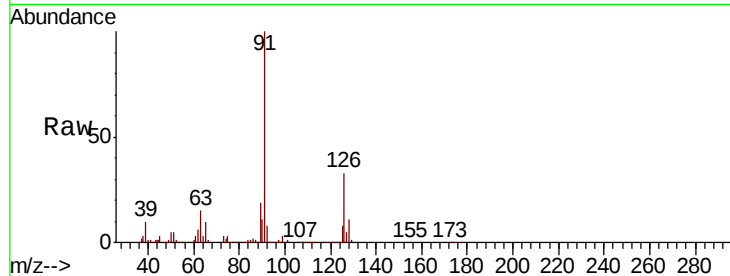
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): VL0





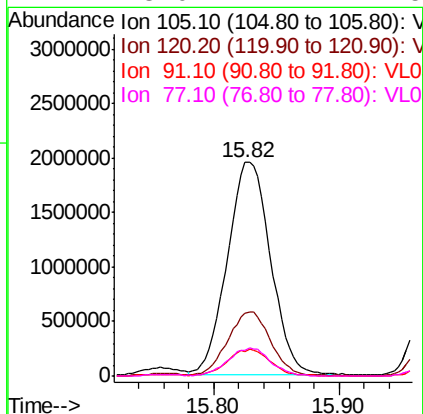
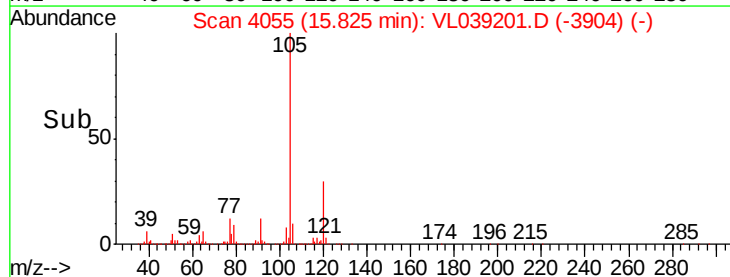
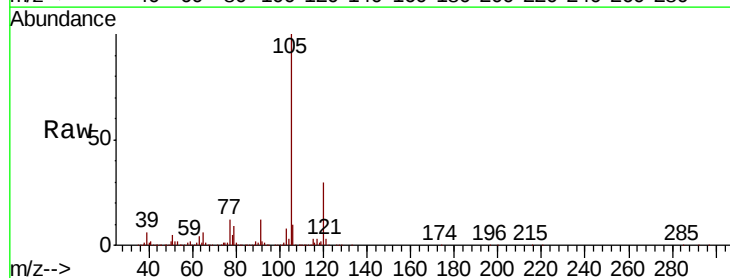
#71
 2-Chlorotoluene
 Concen: 9.543 ppbv
 RT: 15.44
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 2:00

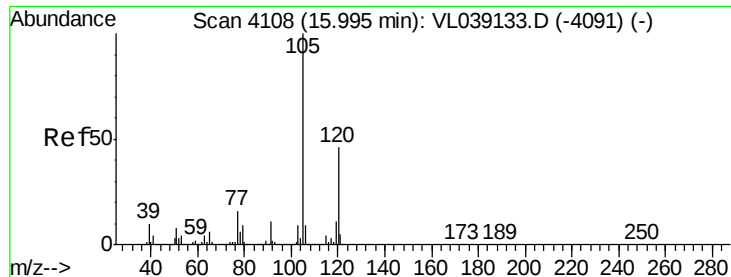
Tot Ion: 91 Resp: 4289910
 Ion Ratio Lower Upper
 91 100
 126 32.3 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 10.049 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. -0.02 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

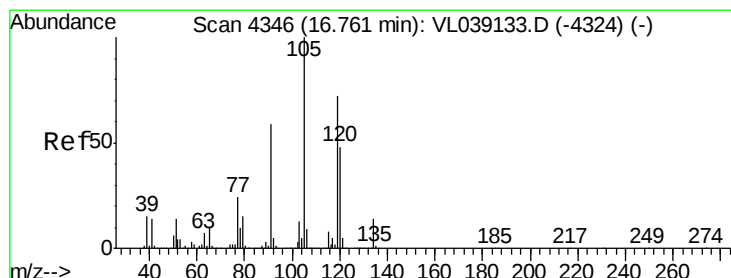
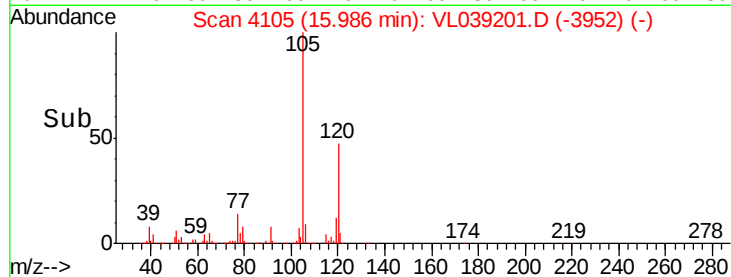
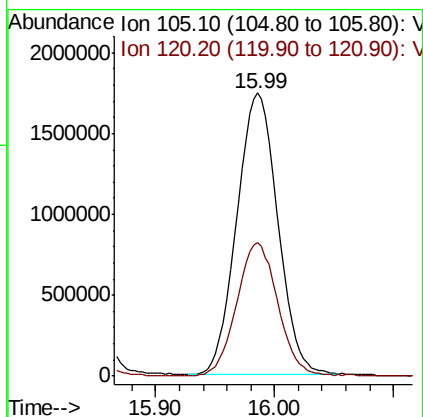
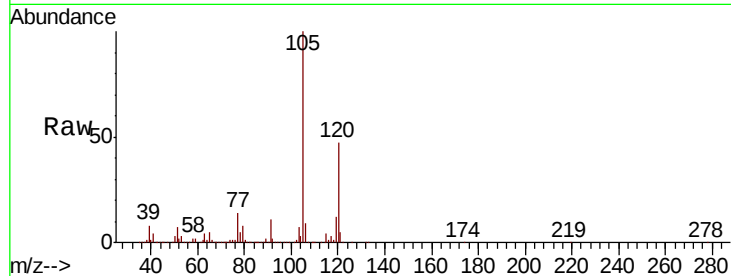
Tgt Ion:105 Resp: 4671446
 Ion Ratio Lower Upper
 105 100
 120 30.3 23.9 35.9
 91 12.3 10.6 16.0
 77 13.0 11.7 17.5





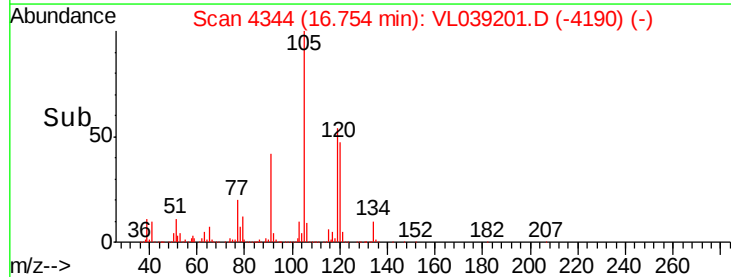
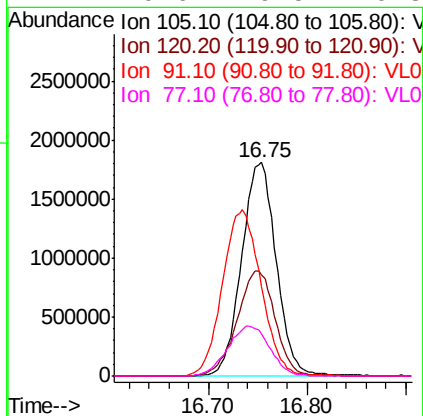
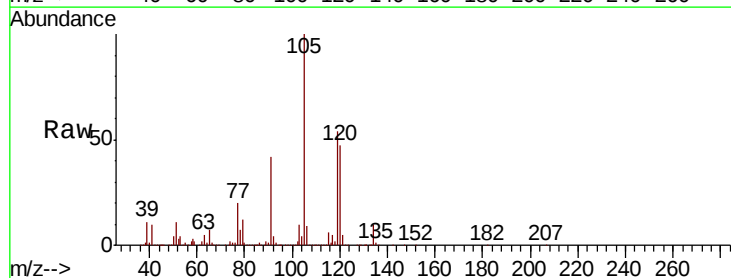
#73
 1,3,5-Trimethylbenzene
 Concen: 9.900 ppbv
 RT: 15.99 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 2:00

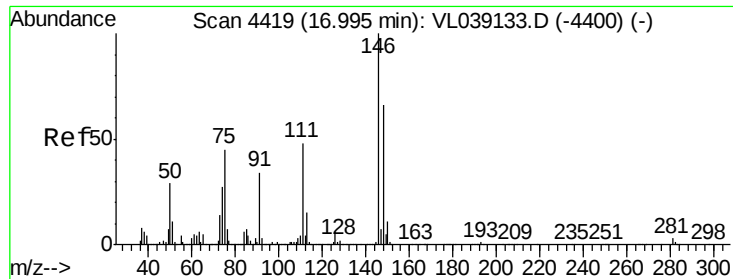
Tot Ion:105 Resp: 4150697
 Ion Ratio Lower Upper
 105 100
 120 47.5 36.7 55.1



#74
 1,2,4-Trimethylbenzene
 Concen: 9.367 ppbv
 RT: 16.75 min Scan# 4344
 Delta R.T. -0.01 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

Tgt Ion:105 Resp: 4382855
 Ion Ratio Lower Upper
 105 100
 120 47.2 38.1 57.1
 91 41.8 47.4 71.0#
 77 19.6 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 9.949 ppbv

RT: 16.99 min

Delta R.T. MSVOA_L

Lab File:

Acq: 7 Jun 2022 2:00

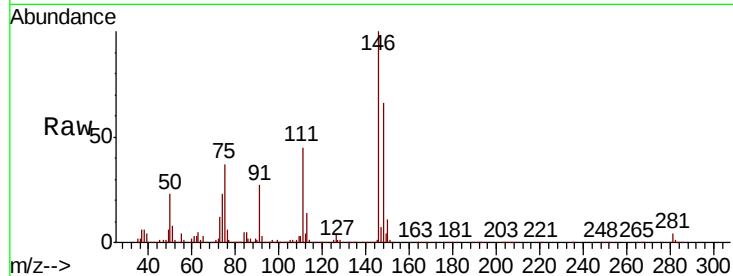
Tot Ion:146 Resp: 2634803

Ion Ratio Lower Upper

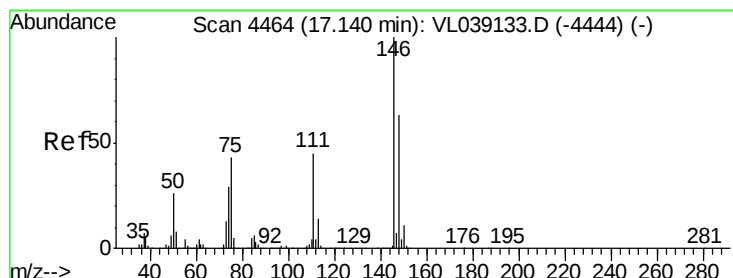
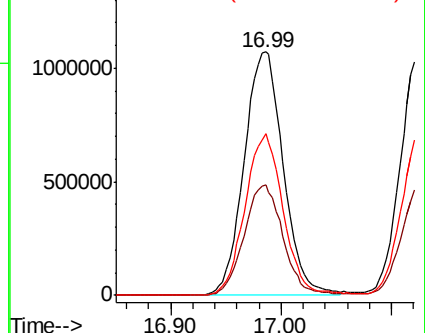
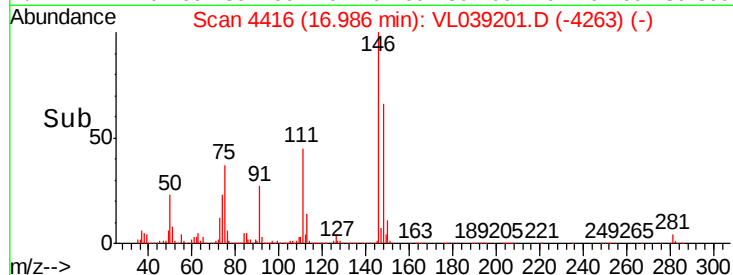
146 100

111 45.2 23.8 71.4

148 64.8 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: 9.861 ppbv

RT: 17.13 min Scan# 4460

Delta R.T. -0.01 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

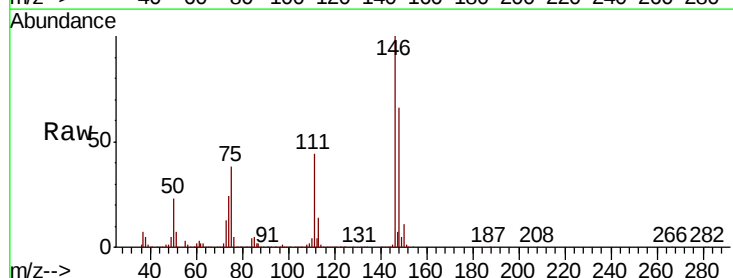
Tgt Ion:146 Resp: 2605454

Ion Ratio Lower Upper

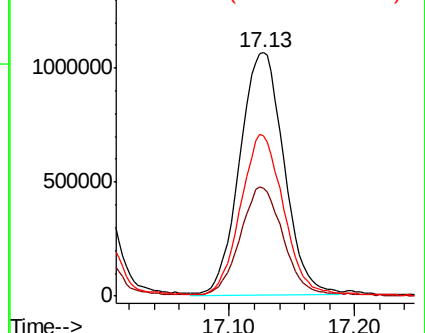
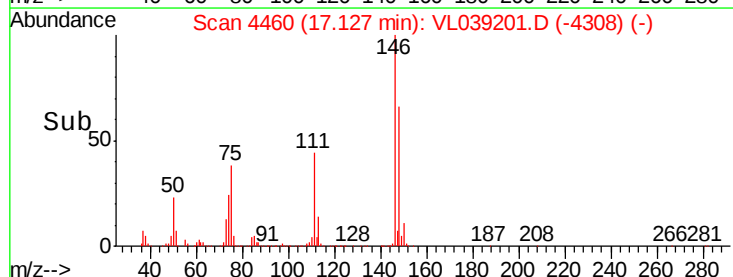
146 100

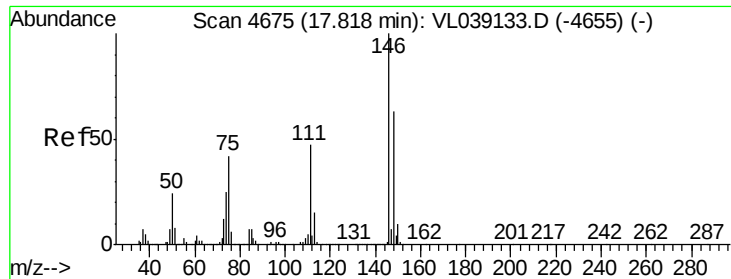
111 44.3 23.6 71.0

148 65.6 33.7 101.0



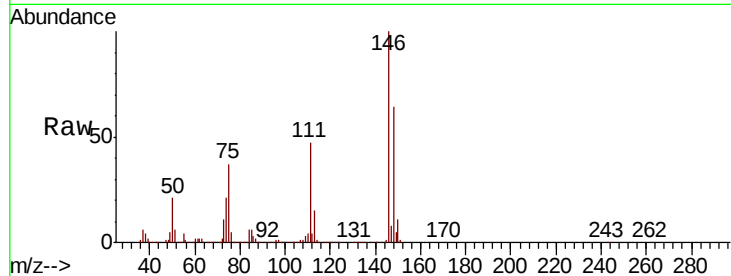
Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.10 (110.80 to 111.80): V
Ion 148.00 (147.70 to 148.70): V



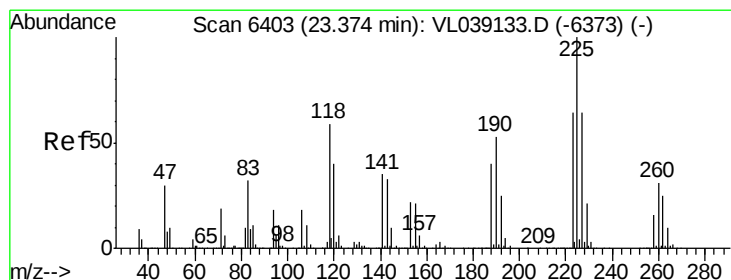
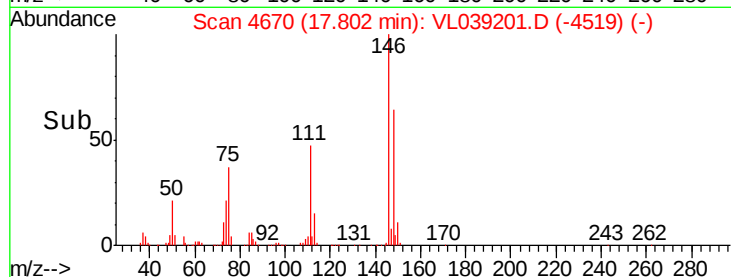
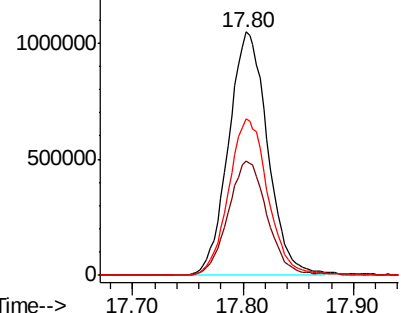


#77
 1,2-Dichlorobenzene
 Concen: 9.584 ppbv
 RT: 17.80 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 2:00

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.2	24.4	73.4
148	64.8	32.1	96.5

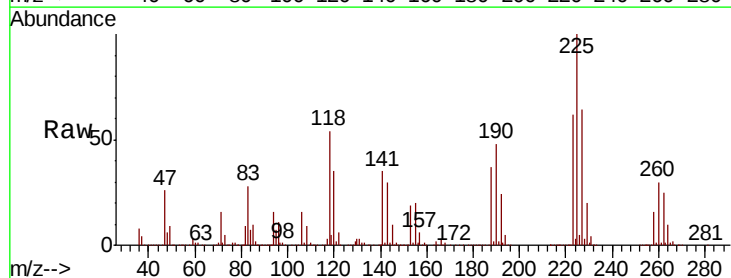


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

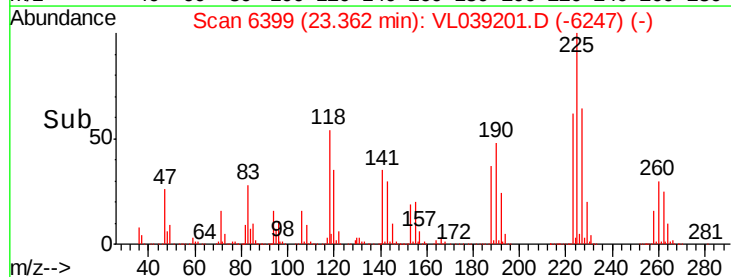
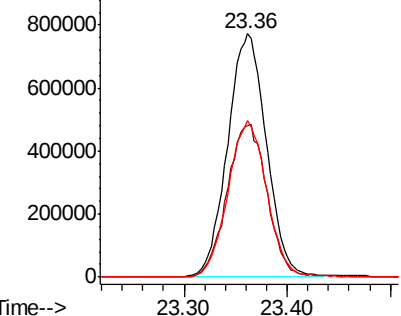


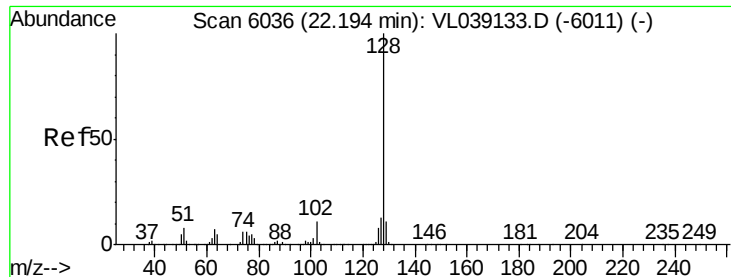
#78
 Hexachloro-1,3-Butadiene
 Concen: 8.288 ppbv
 RT: 23.36 min Scan# 6399
 Delta R.T. -0.01 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.4	77.0
227	64.6	50.6	75.8



Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 11.619 ppbv

RT: 22.18 min

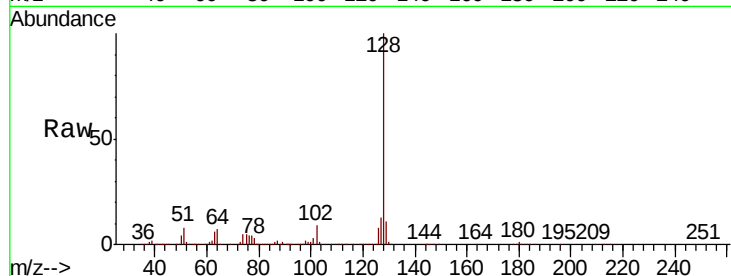
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 2:00

Tot Ion:128 Resp: 4184864

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.2	9.0	13.6

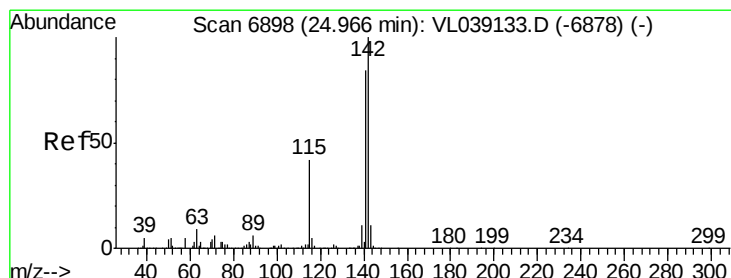
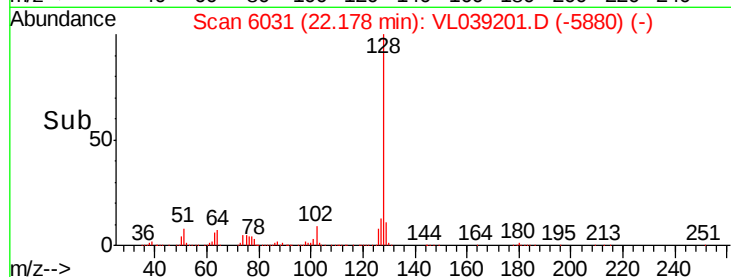
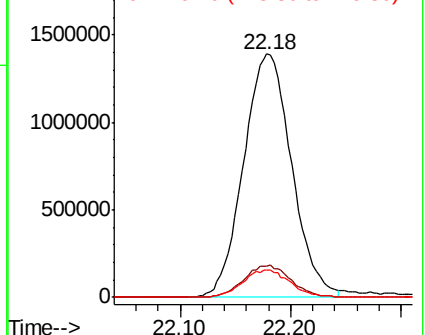


Abundance

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: 11.953 ppbv

RT: 24.96 min Scan# 6895

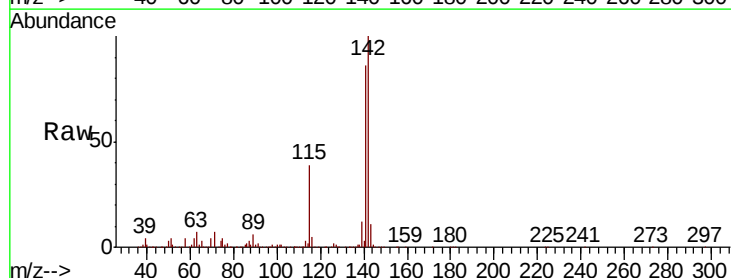
Delta R.T. -0.01 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Tgt Ion:142 Resp: 1599572

Ion	Ratio	Lower	Upper
142	100		
141	87.0	64.6	96.8
115	38.1	32.7	49.1

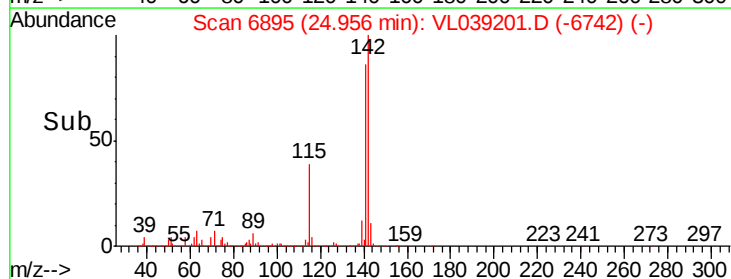
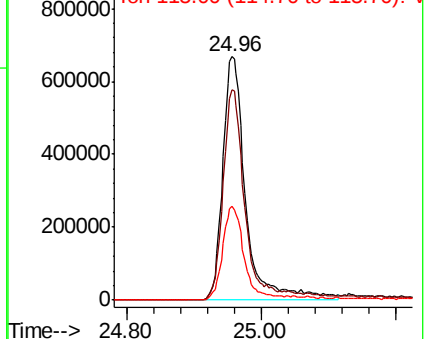


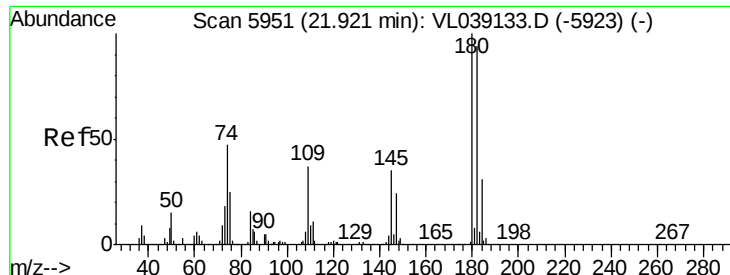
Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

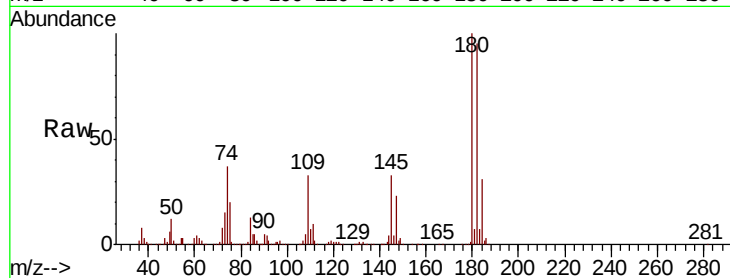
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 10.089 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 2:00

Tot Ion:180 Resp: 2302073
 Ion Ratio Lower Upper
 180 100
 182 97.7 0.0 0.0#
 184 31.2 0.0 0.0#



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

