

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036896.D
 Acq On : 6 May 2021 9:32
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Quant Time: May 07 08:09:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1505847	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3741629	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4399423	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2958257	8.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2264200	9.547 ppbv	99
3) Chlorodifluoromethane	2.99	51	2790780	10.175 ppbv	100
4) Chloromethane	3.14	50	972649	10.789 ppbv	96
5) Vinyl Chloride	3.26	62	946152	10.405 ppbv	96
6) Bromomethane	3.47	94	519140	10.616 ppbv	99
7) Chloroethane	3.56	64	333695	11.167 ppbv	89
8) Dichlorotetrafluoroethane	3.19	85	2310406	10.681 ppbv	98
9) Propene	3.01	41	872700	10.441 ppbv	100
10) Heptane	8.12	43	2270097	10.799 ppbv	96
11) Trichlorofluoromethane	3.95	101	2218853	10.481 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1493202	10.539 ppbv	98
13) Ethanol	3.62	45	80770	7.578 ppbv	86
14) Bromoethene	3.74	108	618566	10.686 ppbv	98
15) Acetone	3.85	43	1262187	8.893 ppbv	99
16) 1,3-Butadiene	3.33	39	943380	10.395 ppbv	98
17) tert-Butyl alcohol	4.29	59	1427815	12.394 ppbv	99
18) 1,1-Dichloroethene	4.29	96	617407	10.027 ppbv	99
19) Isopropyl Alcohol	3.97	45	870207	12.374 ppbv	# 97
20) Methylene Chloride	4.35	84	536860	7.910 ppbv	90
21) Allyl Chloride	4.41	41	1053500	9.989 ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	595831	9.643 ppbv	98
23) Vinyl Acetate	5.08	43	2355017	12.198 ppbv	# 98
24) 1,1-Dichloroethane	5.02	63	1641887	11.980 ppbv	99
25) Ethyl Acetate	5.68	43	3483243	10.047 ppbv	99
26) Hexane	5.69	57	1612593	9.942 ppbv	98
27) Carbon Disulfide	4.55	76	1651243	11.720 ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	1822356	12.675 ppbv	100
29) Chloroform	5.75	83	2683288	10.611 ppbv	98
30) Cyclohexane	7.13	84	1441402	11.206 ppbv	94
31) cis-1,2-Dichloroethene	5.55	61	1597225	10.970 ppbv	98
32) 1,1,1-Trichloroethane	6.51	97	2677250	10.411 ppbv	99
34) 2-Butanone	5.25	43	1673411	10.210 ppbv	100
35) Carbon Tetrachloride	7.02	117	2836129	11.171 ppbv	99
36) Benzene	6.89	78	3437215	10.903 ppbv	99
37) 1,2-Dichloroethane	6.31	62	1974261	11.059 ppbv	99
38) Trichloroethene	7.83	130	1265832	11.278 ppbv	98
39) 1,2-Dichloropropane	7.62	63	1361886	10.783 ppbv	97
40) 1,4-Dioxane	7.83	88	157597	5.167 ppbv	# 1
41) Tetrahydrofuran	6.06	42	772924	10.780 ppbv	98
42) Bromodichloromethane	7.79	83	2868140	11.563 ppbv	99
43) Methyl Methacrylate	8.02	69	1241200	12.066 ppbv	96

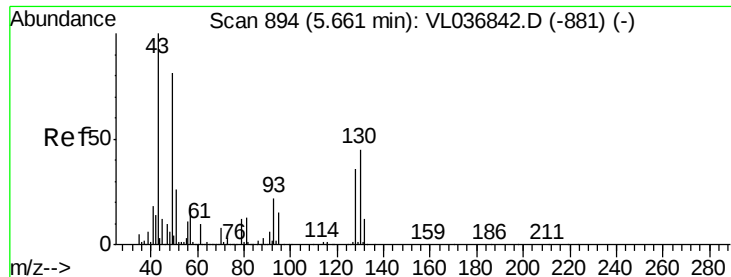
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036896.D
 Acq On : 6 May 2021 9:32
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: May 07 08:09:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5824446	10.781	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1365078	12.310	ppbv	98
46) cis-1,3-Dichloropropene	8.71	75	1750711	12.313	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	1433806	10.965	ppbv	98
48) Dibromochloromethane	10.31	129	2308114	11.912	ppbv	98
49) Bromoform	13.04	173	1898817	12.276	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2585064	11.539	ppbv	98
51) 2-Hexanone	10.14	43	1293478	11.576	ppbv #	99
52) Tetrachloroethene	11.22	164	1149568	10.709	ppbv	98
53) Toluene	9.81	91	3873464	11.742	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1995544	10.810	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.12	131	1583212	8.584	ppbv #	64
57) Chlorobenzene	12.15	112	2871117	8.379	ppbv	97
58) Ethyl Benzene	12.71	91	5160020	9.247	ppbv	99
59) m/p-Xylene	13.00	91	5034474	10.095	ppbv #	48
60) o-Xylene	13.69	91	4213118	8.737	ppbv	100
61) Styrene	13.53	104	2385822	10.535	ppbv	98
62) Isopropylbenzene	14.67	105	5586446	8.515	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	3114729	8.057	ppbv	99
64) n-propylbenzene	15.56	120	1484385	9.078	ppbv	98
65) tert-Butylbenzene	16.74	119	4972419	8.572	ppbv	99
66) Benzyl Chloride	16.99	91	498450	8.788	ppbv	100
67) sec-Butylbenzene	17.29	105	7002912	8.694	ppbv	100
69) p-Isopropyltoluene	17.65	119	5762277	8.923	ppbv	99
70) n-Butylbenzene	18.55	91	5962469	9.160	ppbv	99
71) 2-Chlorotoluene	15.45	91	4327586	8.906	ppbv	100
72) 4-Ethyltoluene	15.84	105	4857371	9.385	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	4439543	8.844	ppbv	100
74) 1,2,4-Trimethylbenzene	16.76	105	4638534	8.699	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	2663275	8.450	ppbv	100
76) 1,4-Dichlorobenzene	17.14	146	2558217	8.294	ppbv	98
77) 1,2-Dichlorobenzene	17.82	146	2571671	8.353	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	1847395	7.062	ppbv	100
79) Naphthalene	22.20	128	2906678	9.734	ppbv	97
80) Naphthalene, 2-methyl-	24.98	142	468176	14.217	ppbv	95
81) 1,2,4-Trichlorobenzene	21.93	180	1679787	8.696	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 6 May 2021 9:32

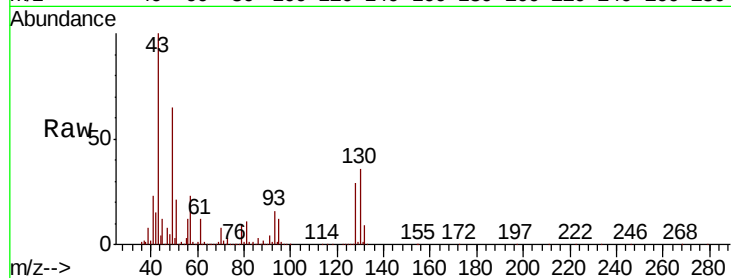
Tot Ion: 49 Resp: 1505847

Ion Ratio Lower Upper

49 100

128 48.0 24.4 73.2

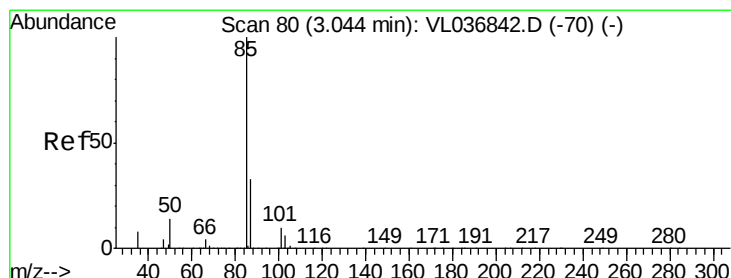
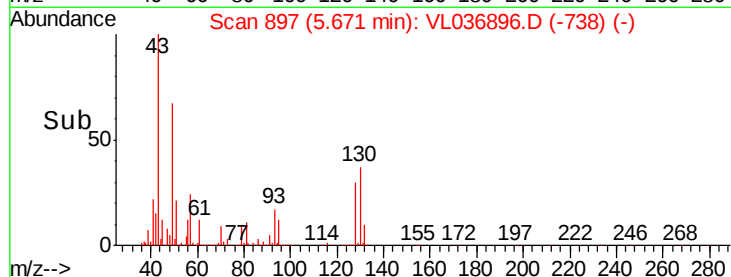
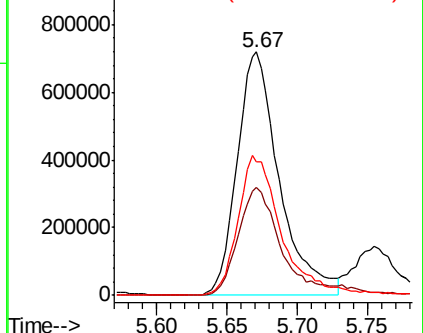
130 60.4 30.3 90.8



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



#2

Dichlorodifluoromethane

Concen: 9.547 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.01 min

Lab File: VL036896.D

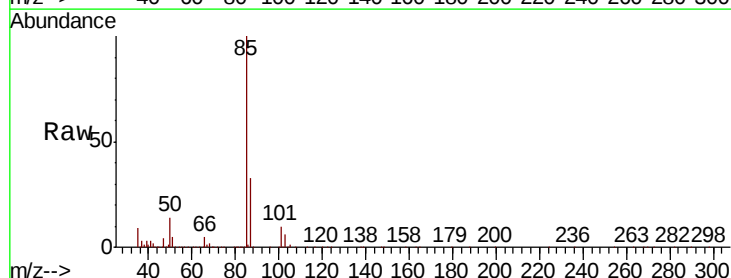
Acq: 6 May 2021 9:32

Tgt Ion: 85 Resp: 2264200

Ion Ratio Lower Upper

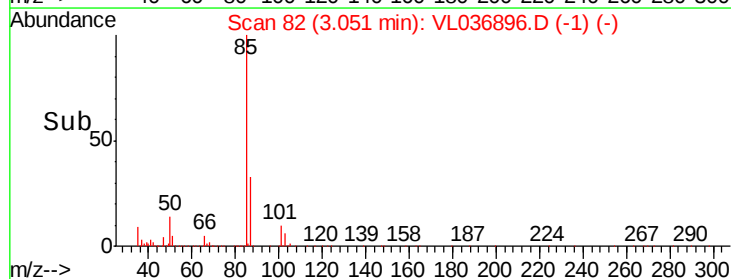
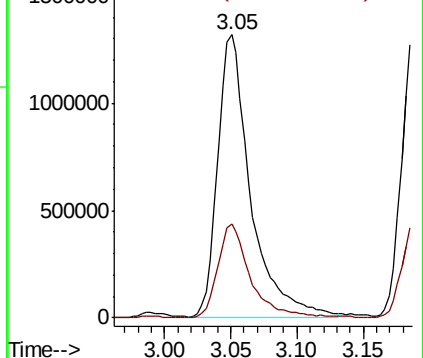
85 100

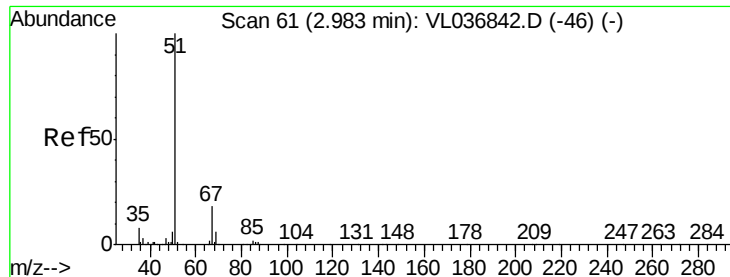
87 33.0 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.175 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

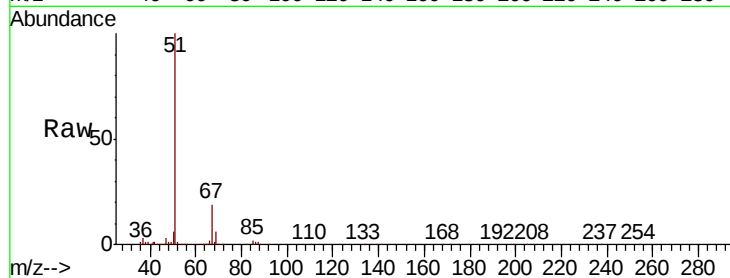
Acq: 6 May 2021 9:32

Tot Ion: 51 Resp: 2790780

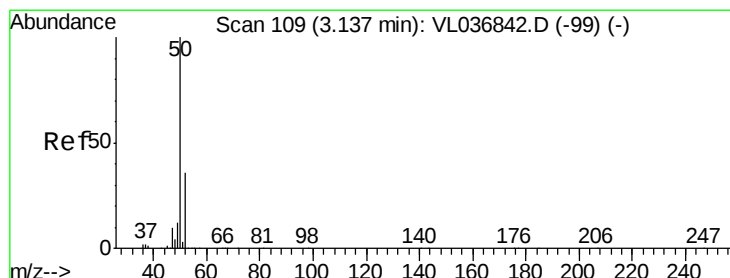
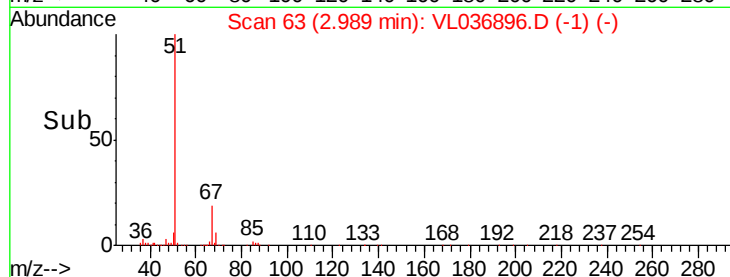
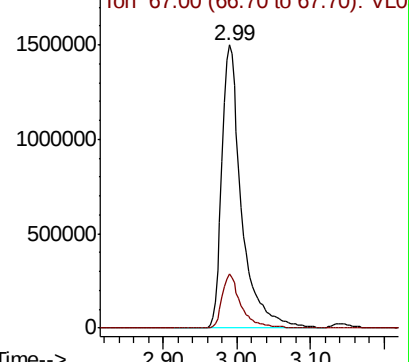
Ion Ratio Lower Upper

51 100

67 18.6 14.8 22.2



Abundance Ion 51.00 (50.70 to 51.70): VL0



#4

Chloromethane

Concen: 10.789 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.00 min

Lab File: VL036896.D

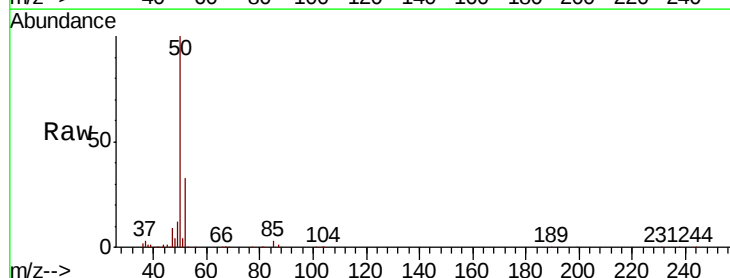
Acq: 6 May 2021 9:32

Tgt Ion: 50 Resp: 972649

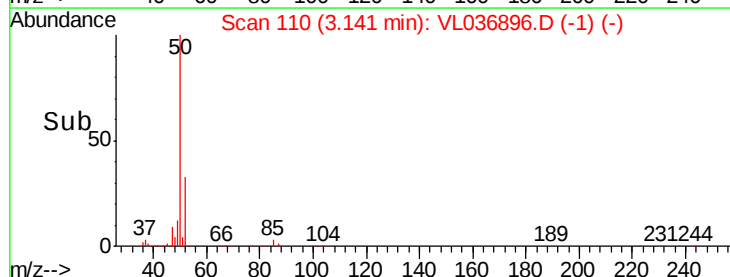
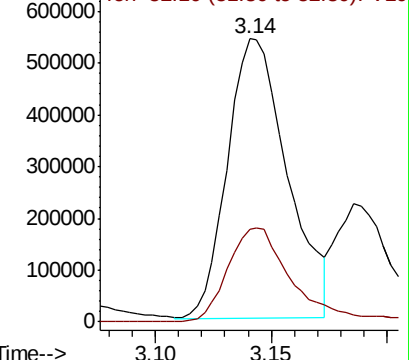
Ion Ratio Lower Upper

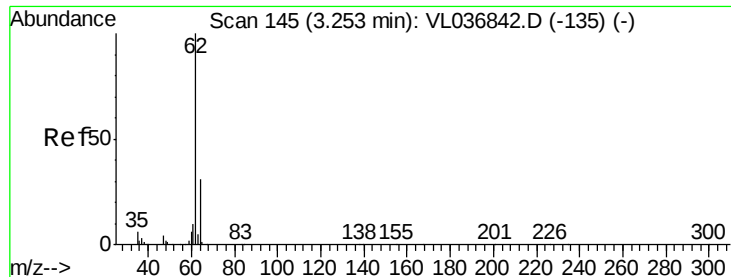
50 100

52 33.4 28.5 42.7



Abundance Ion 50.10 (49.80 to 50.80): VL0





#5

Vinyl Chloride

Concen: 10.405 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

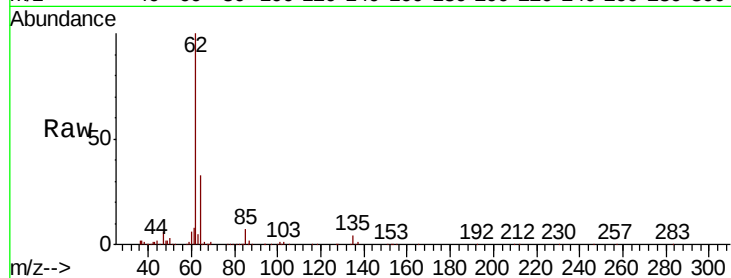
Acq: 6 May 2021 9:32

Tot Ion: 62 Resp: 946152

Ion Ratio Lower Upper

62 100

64 33.3 25.0 37.4



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.26

600000

500000

400000

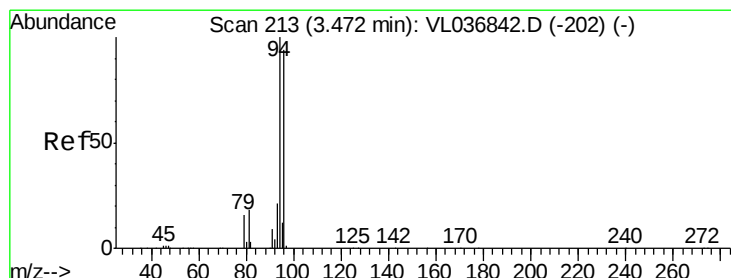
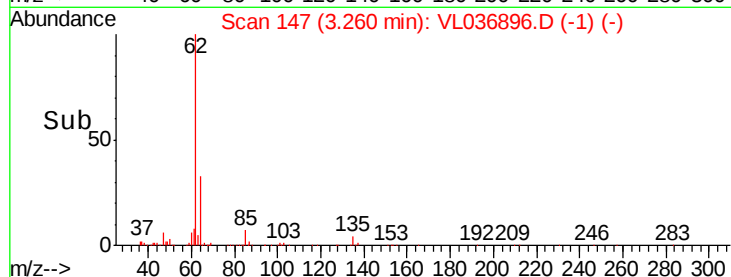
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 10.616 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.00 min

Lab File: VL036896.D

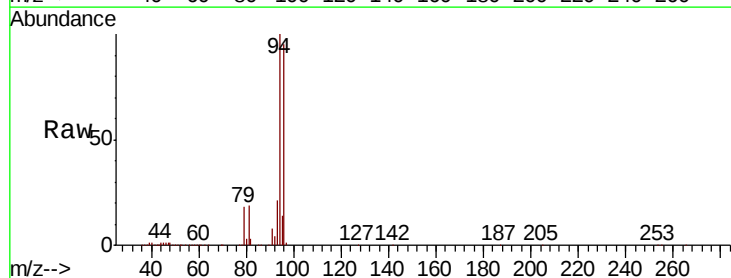
Acq: 6 May 2021 9:32

Tgt Ion: 94 Resp: 519140

Ion Ratio Lower Upper

94 100

96 95.4 75.4 113.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.47

300000

250000

200000

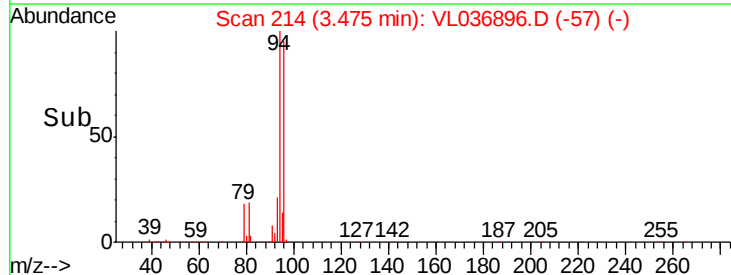
150000

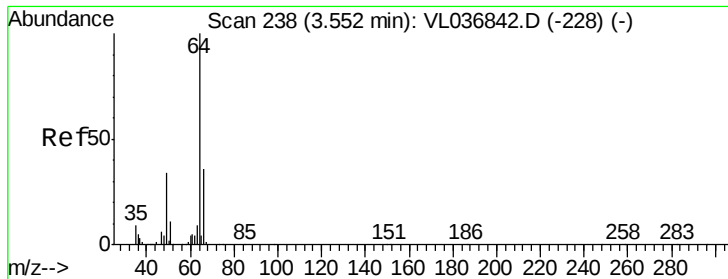
100000

50000

0

Time-->





#7

Chloroethane

Concen: 11.167 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

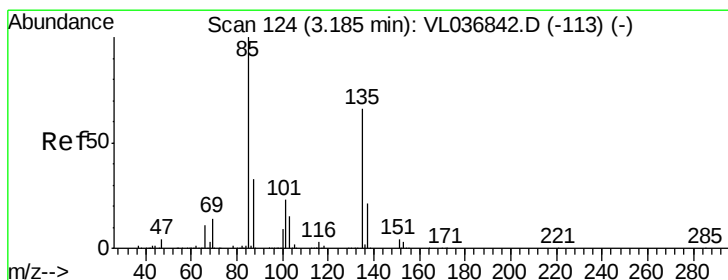
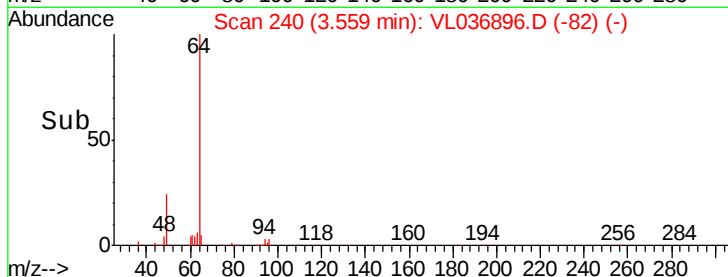
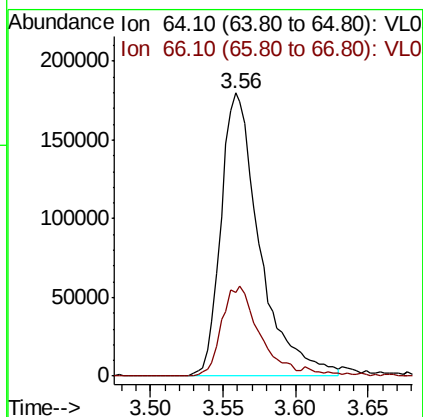
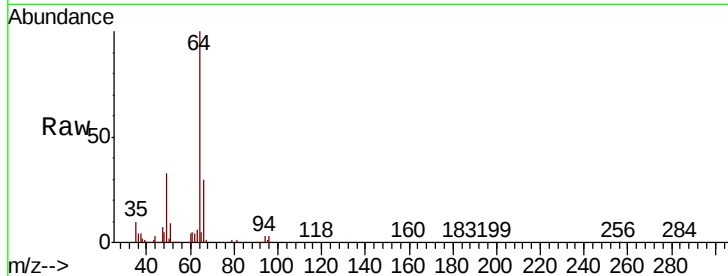
Acq: 6 May 2021 9:32 VSTDCCC010

Tot Ion: 64 Resp: 333695

Ion Ratio Lower Upper

64 100

66 29.8 29.0 43.6



#8

Dichlorotetrafluoroethane

Concen: 10.681 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL036896.D

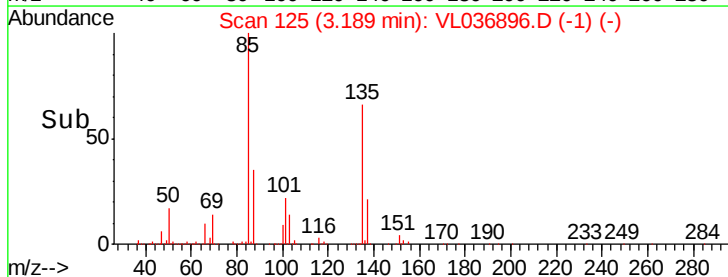
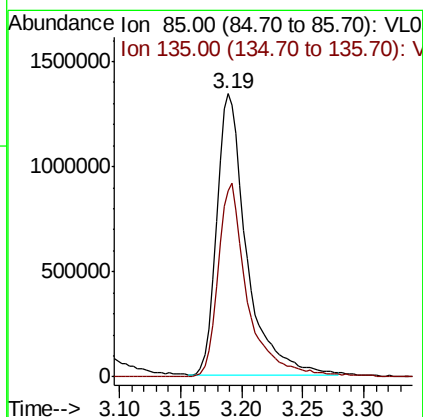
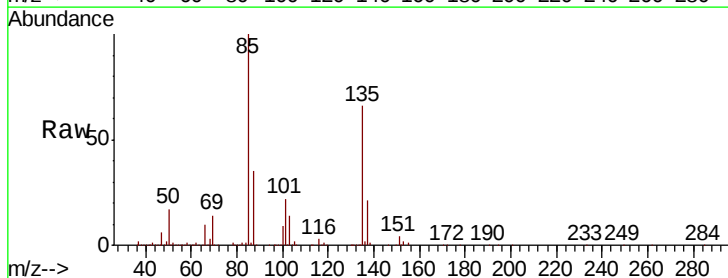
Acq: 6 May 2021 9:32

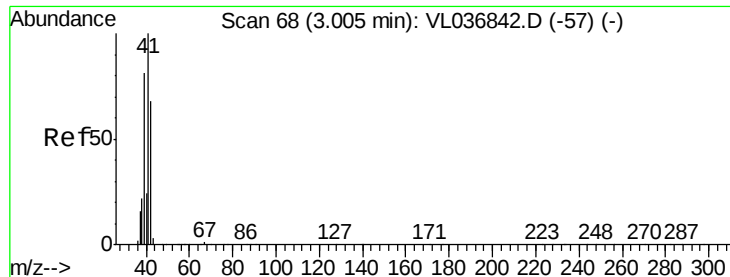
Tgt Ion: 85 Resp: 2310406

Ion Ratio Lower Upper

85 100

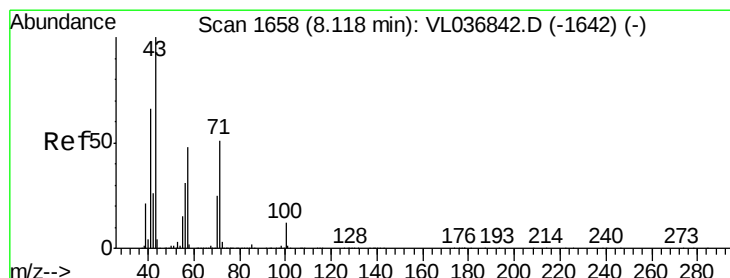
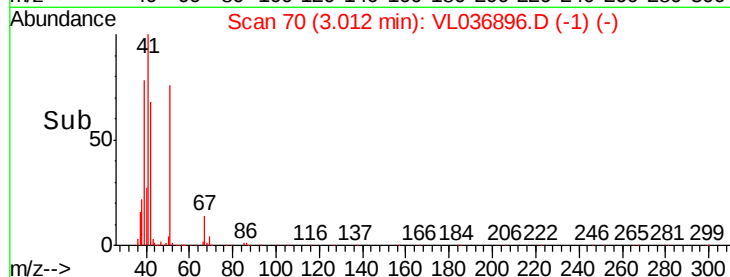
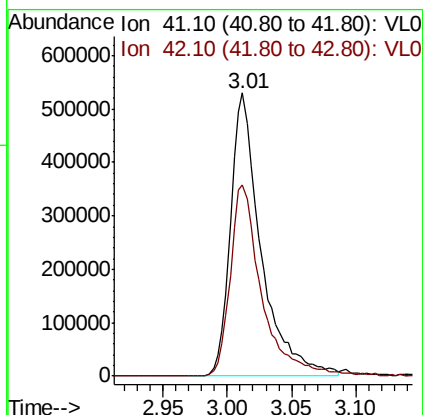
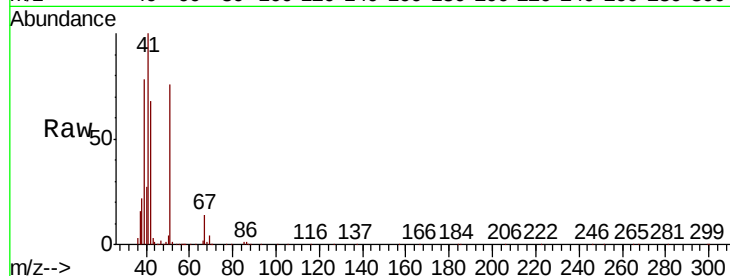
135 68.5 56.2 84.4





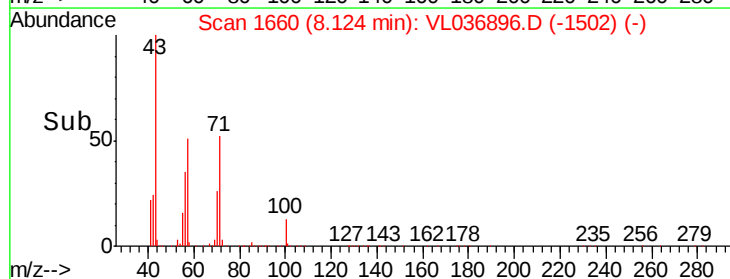
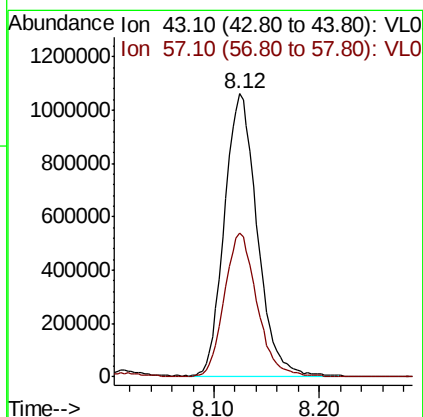
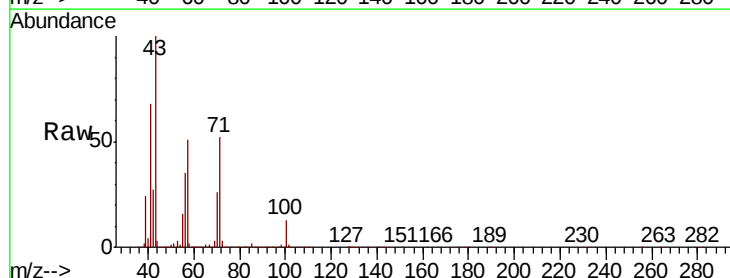
#9
 Propene
 Concen: 10.441 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 6 May 2021 9:32

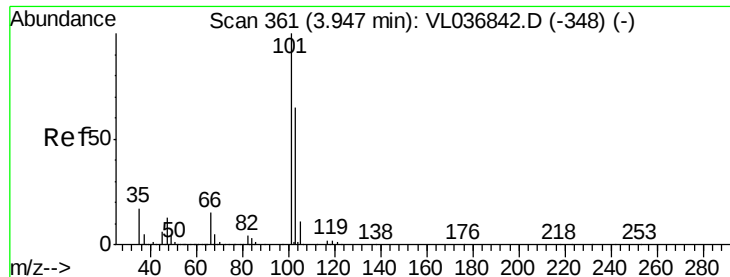
Tot Ion: 41 Resp: 872700
 Ion Ratio Lower Upper
 41 100
 42 70.2 56.0 84.0



#10
 Heptane
 Concen: 10.799 ppbv
 RT: 8.12 min Scan# 1660
 Delta R.T. 0.01 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

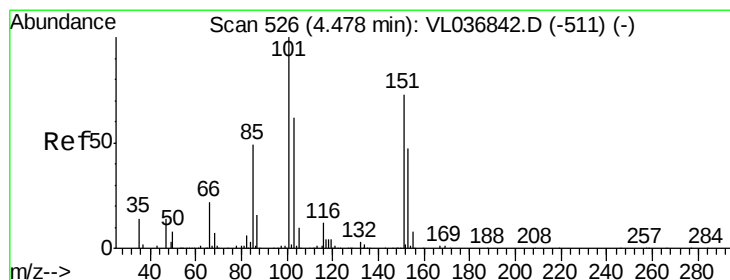
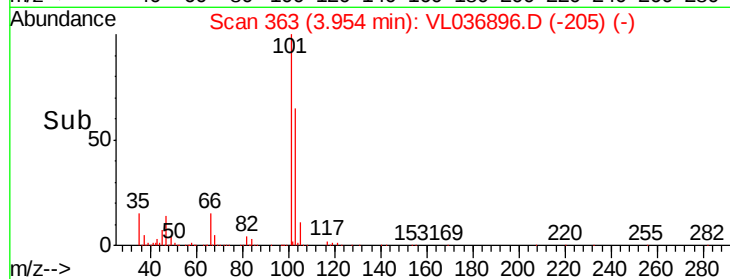
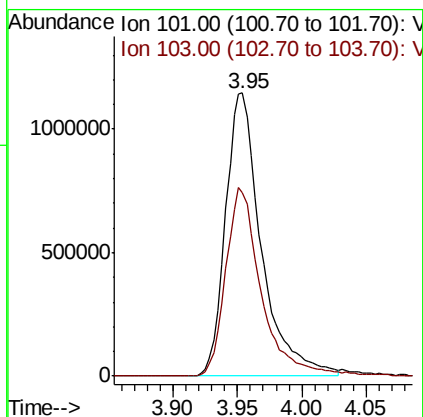
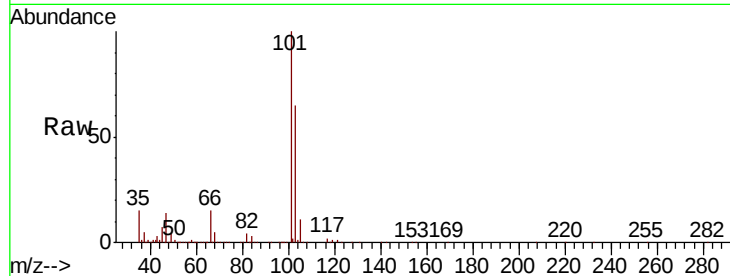
Tgt Ion: 43 Resp: 2270097
 Ion Ratio Lower Upper
 43 100
 57 51.2 38.8 58.2





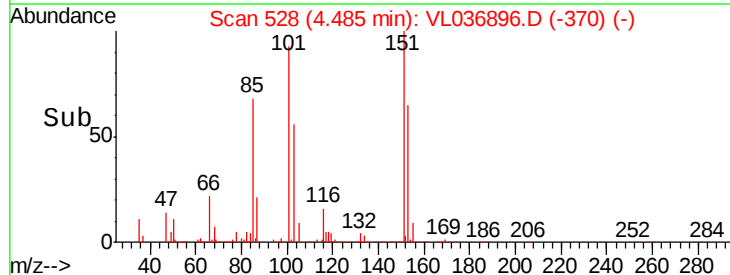
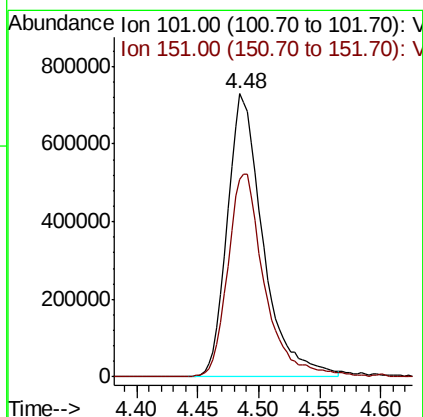
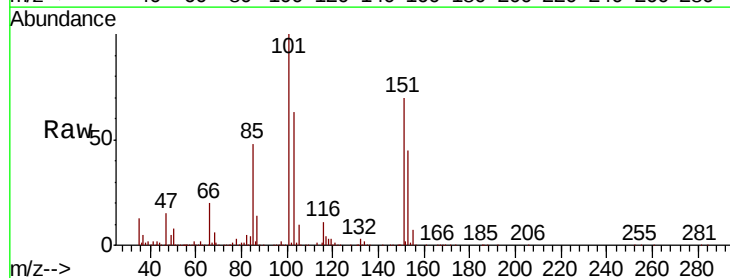
#11
 Trichlorofluoromethane
 Concen: 10.481 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 6 May 2021 9:32

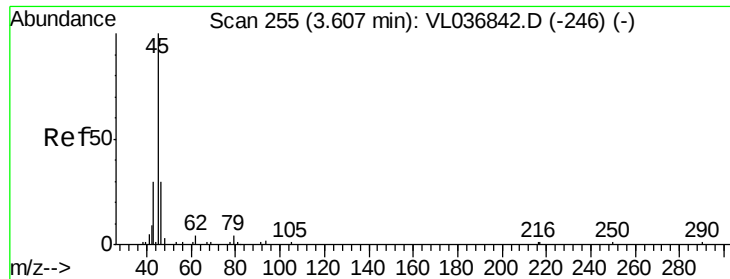
Tot Ion:101 Resp: 2218853
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.539 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

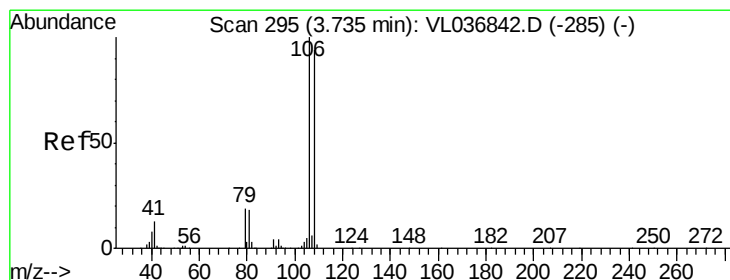
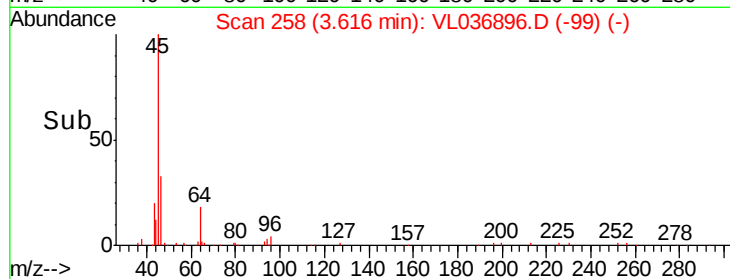
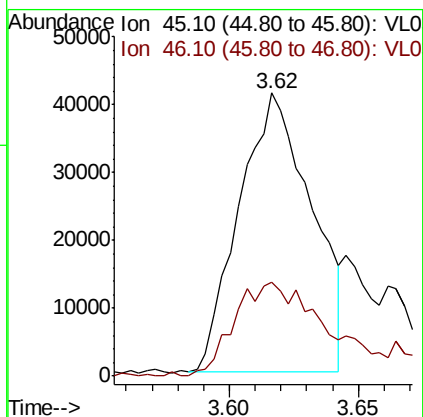
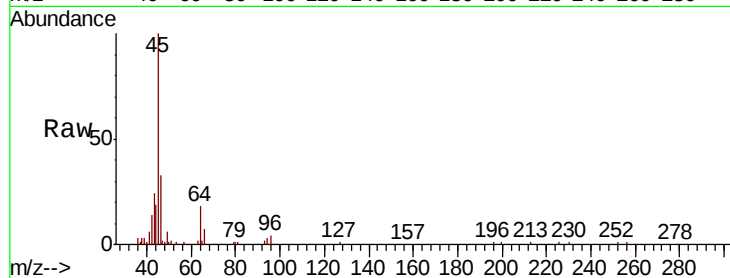
Tgt Ion:101 Resp: 1493202
 Ion Ratio Lower Upper
 101 100
 151 74.3 61.1 91.7





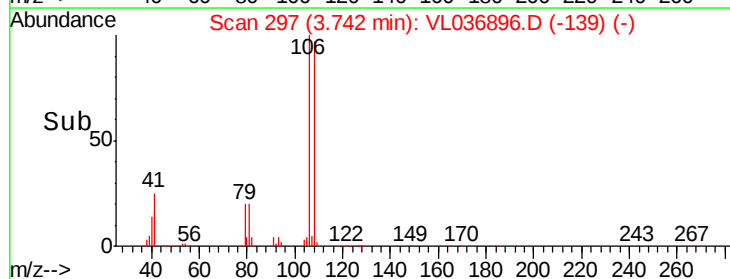
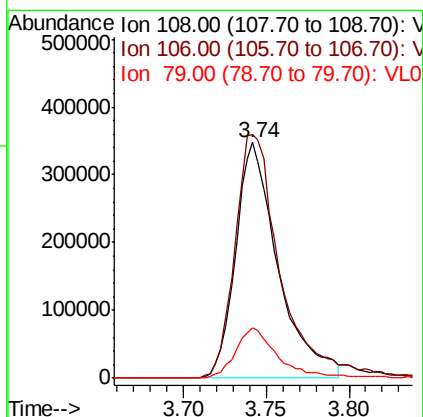
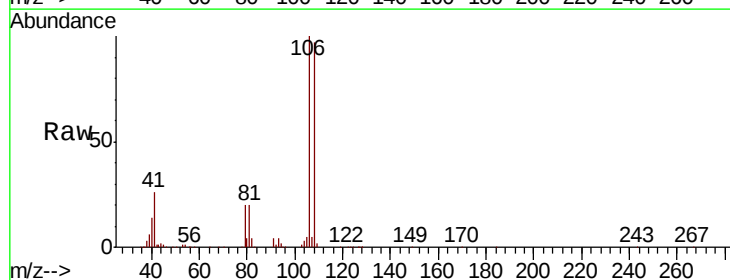
#13
Ethanol
Concen: 7.578 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 6 May 2021 9:32

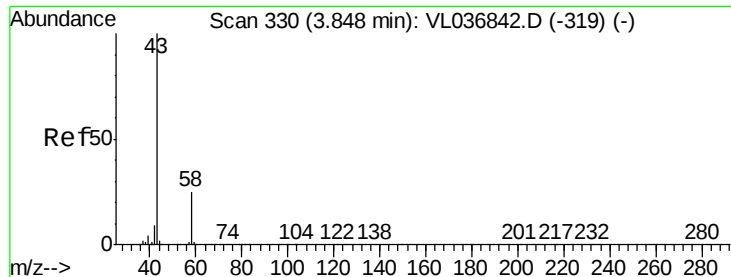
Tot Ion: 45 Resp: 80770
Ion Ratio Lower Upper
45 100
46 51.2 16.8 67.4



#14
Bromoethene
Concen: 10.686 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.01 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 108 Resp: 618566
Ion Ratio Lower Upper
108 100
106 112.6 88.5 132.7
79 22.3 17.9 26.9





#15

Acetone

Concen: 8.893 ppbv

RT: 3.85 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

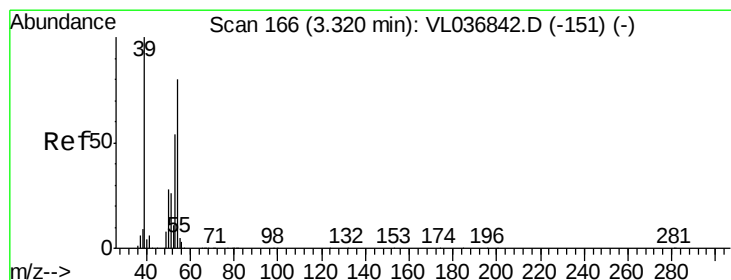
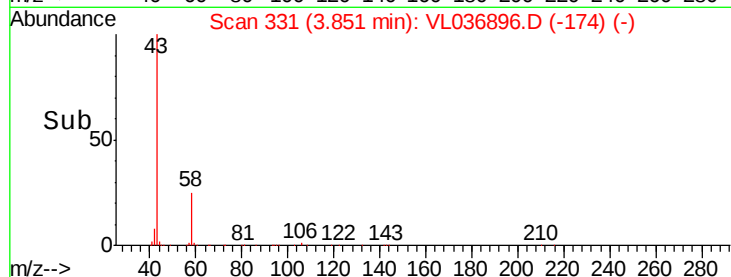
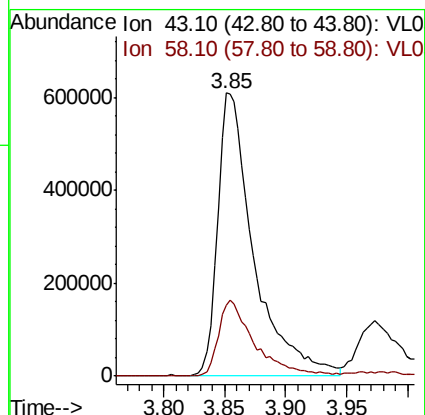
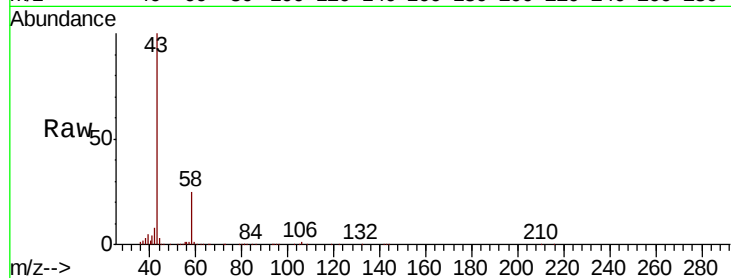
Acq: 6 May 2021 9:32

Tot Ion: 43 Resp: 1262187

Ion Ratio Lower Upper

43 100

58 26.8 21.7 32.5



#16

1,3-Butadiene

Concen: 10.395 ppbv

RT: 3.33 min Scan# 169

Delta R.T. 0.01 min

Lab File: VL036896.D

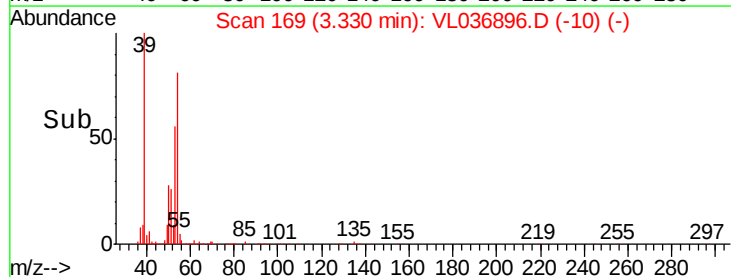
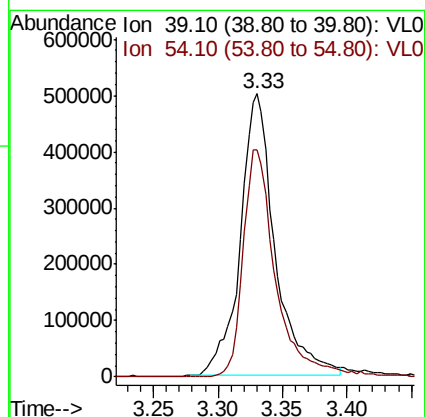
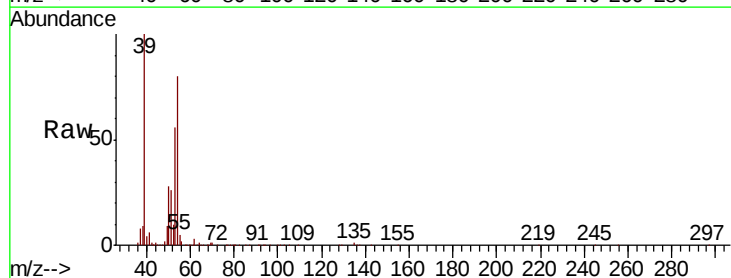
Acq: 6 May 2021 9:32

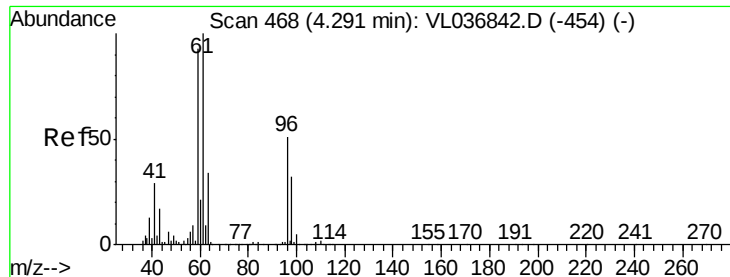
Tgt Ion: 39 Resp: 943380

Ion Ratio Lower Upper

39 100

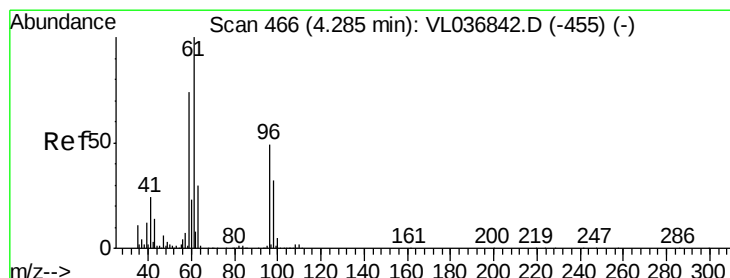
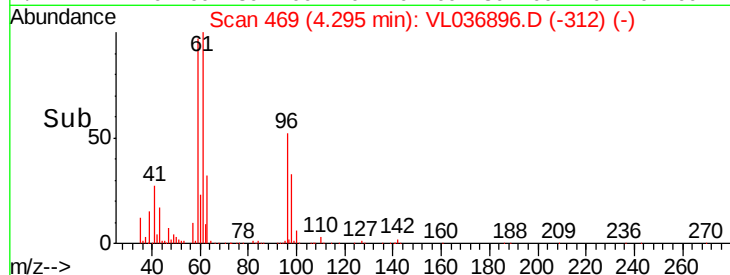
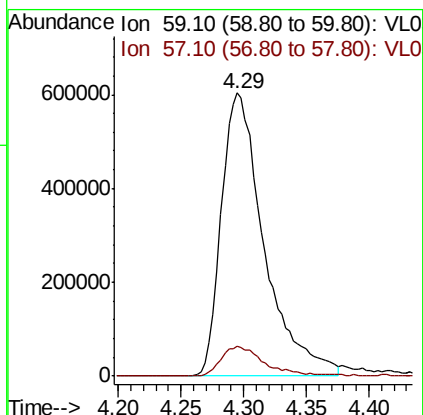
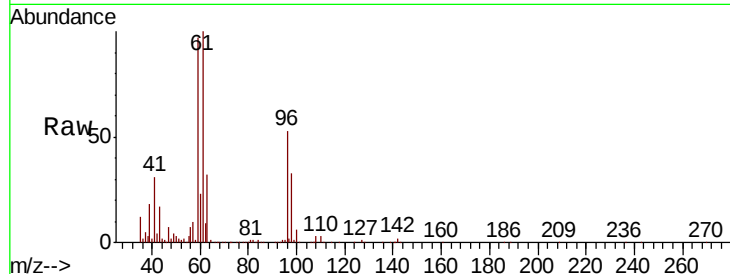
54 76.4 59.6 89.4





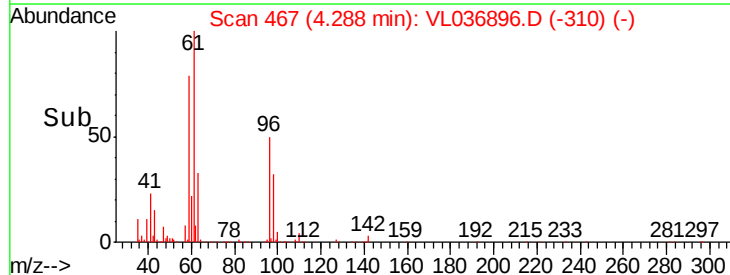
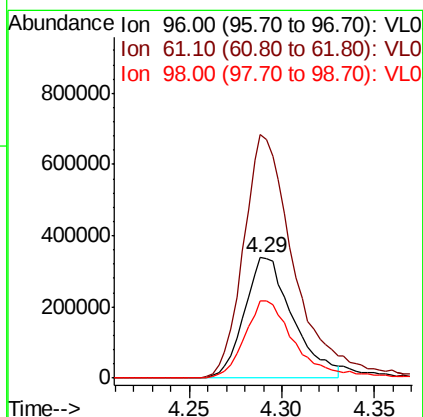
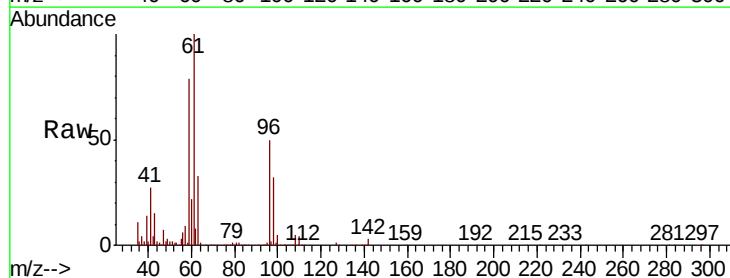
#17
 tert-Butyl alcohol
 Concen: 12.394 ppbv
 RT: 4.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 6 May 2021 9:32

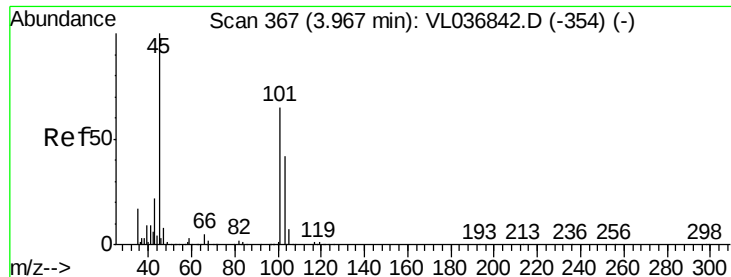
Tot Ion: 59 Resp: 1427815
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.3 12.5



#18
 1,1-Dichloroethene
 Concen: 10.027 ppbv
 RT: 4.29 min Scan# 467
 Delta R.T.: 0.00 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion: 96 Resp: 617407
 Ion Ratio Lower Upper
 96 100
 61 201.9 162.2 243.2
 98 63.8 51.8 77.6





#19

Isopropyl Alcohol

Concen: 12.374 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

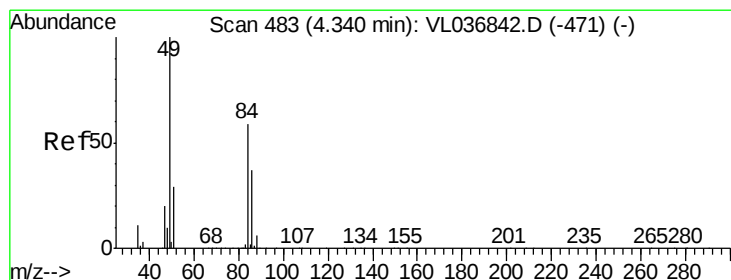
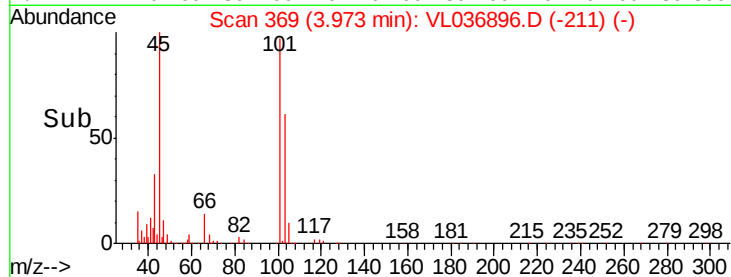
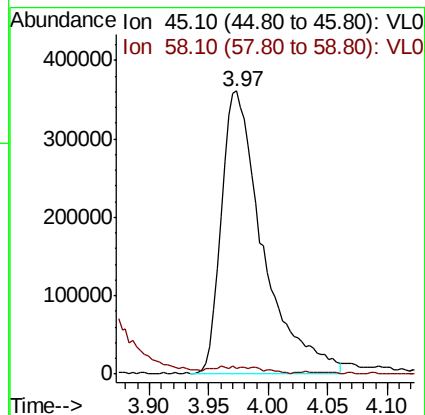
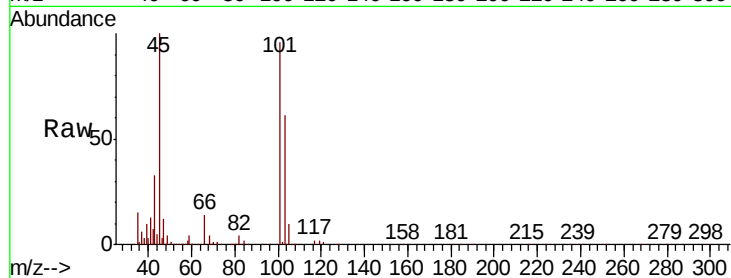
Acq: 6 May 2021 9:32

Tot Ion: 45 Resp: 870207

Ion Ratio Lower Upper

45 100

58 2.4 2.8 4.2#



#20

Methylene Chloride

Concen: 7.910 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.01 min

Lab File: VL036896.D

Acq: 6 May 2021 9:32

Tgt Ion: 84 Resp: 536860

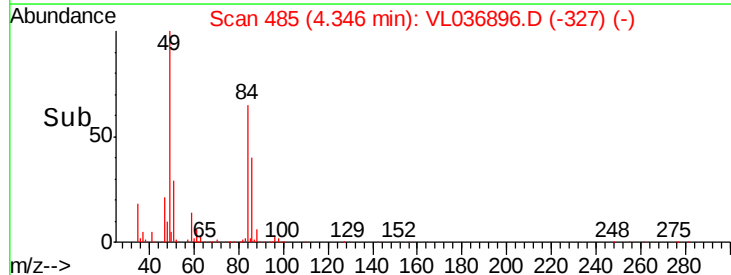
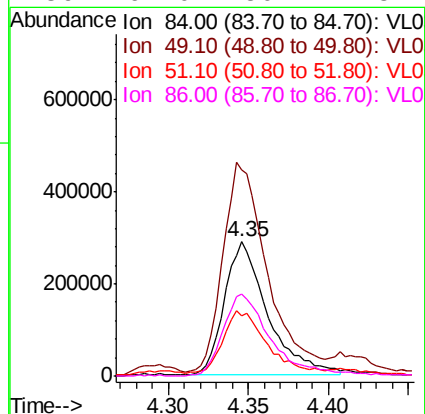
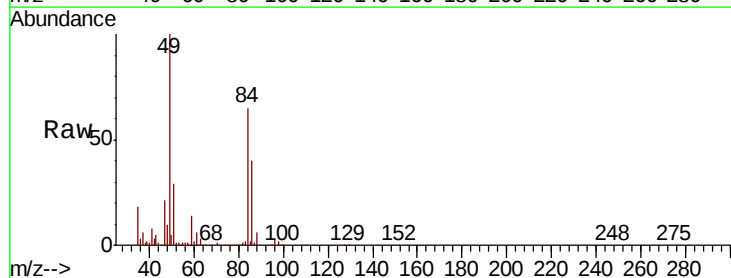
Ion Ratio Lower Upper

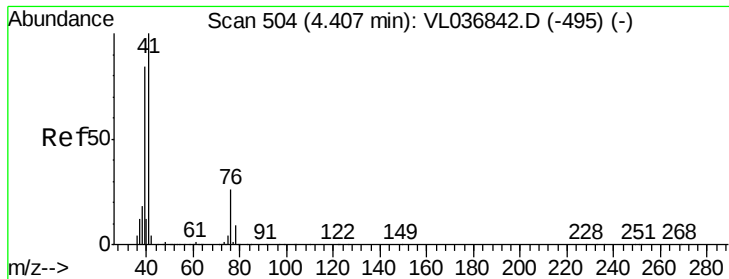
84 100

49 151.0 135.4 203.0

51 42.8 39.3 58.9

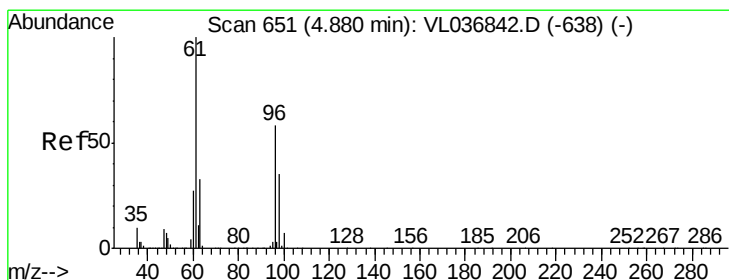
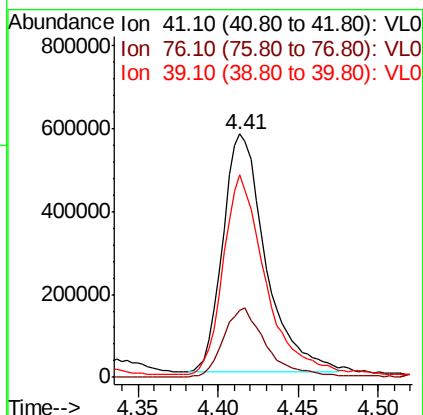
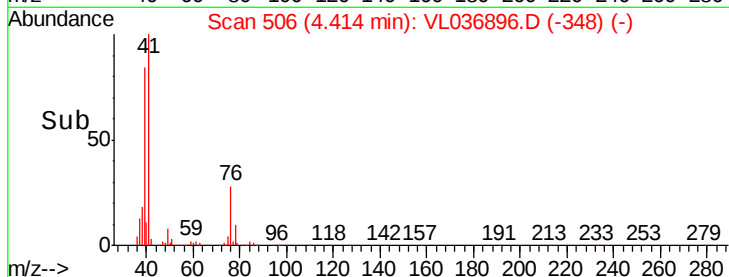
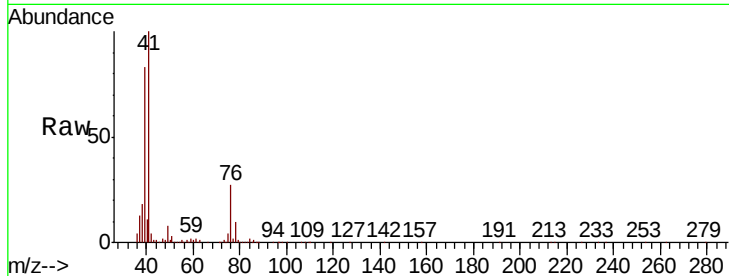
86 61.0 50.2 75.2





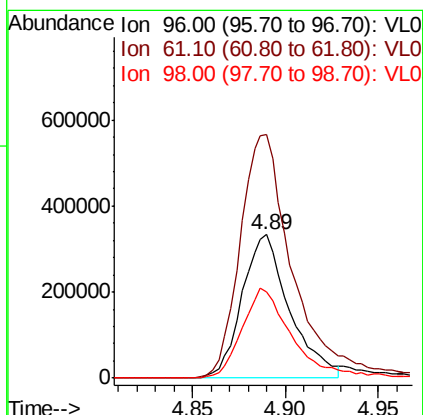
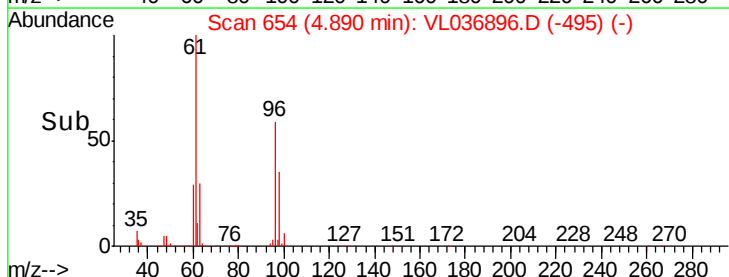
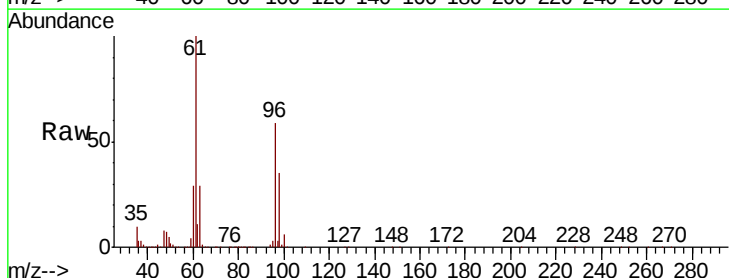
#21
 Allvl Chloride
 Concen: 9.989 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 6 May 2021 9:32

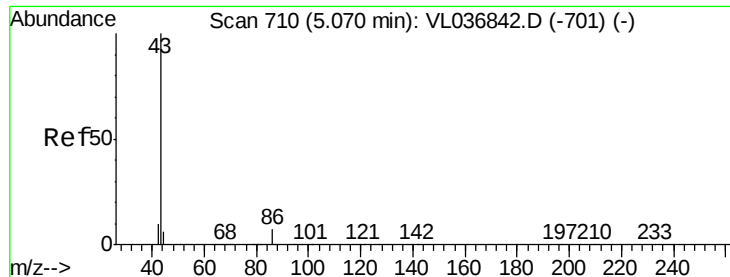
Tot Ion: 41 Resp: 1053500
 Ion Ratio Lower Upper
 41 100
 76 29.6 22.4 33.6
 39 86.6 68.4 102.6



#22
 trans-1,2-Dichloroethene
 Concen: 9.643 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion: 96 Resp: 595831
 Ion Ratio Lower Upper
 96 100
 61 169.9 138.6 207.8
 98 59.7 48.1 72.1





#23

Vinyl Acetate

Concen: 12.198 ppbv

RT: 5.08 Instrument: MSVOA_1

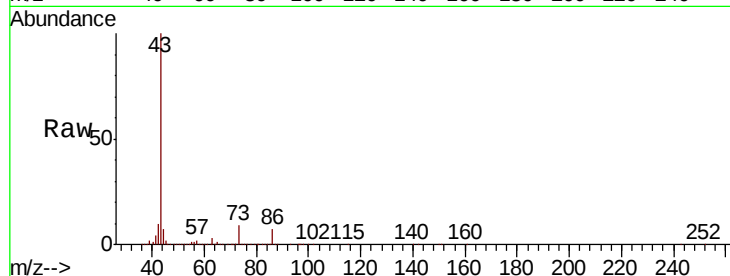
Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010

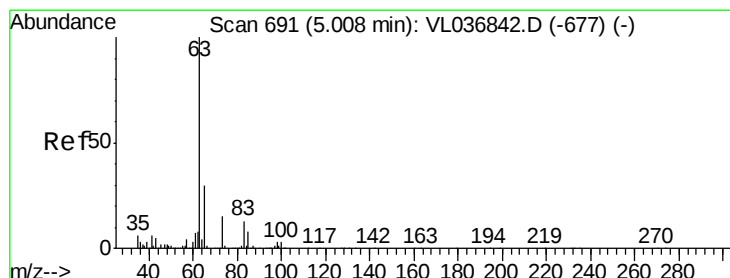
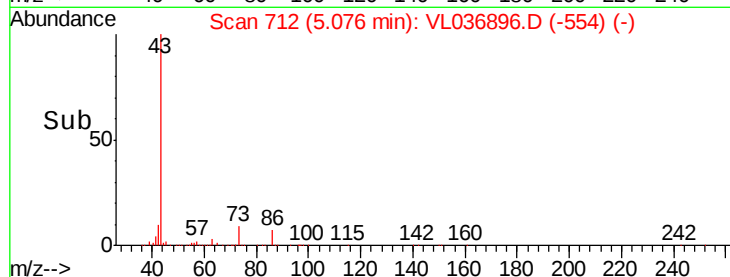
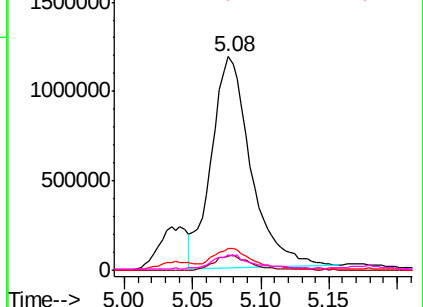
Acq: 6 May 2021 9:32

Tot Ion: 43 Resp: 2355017

Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.3	7.9
42	10.1	8.7	13.1
44	6.5	3.9	5.9#



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: 11.980 ppbv

RT: 5.02 min Scan# 693

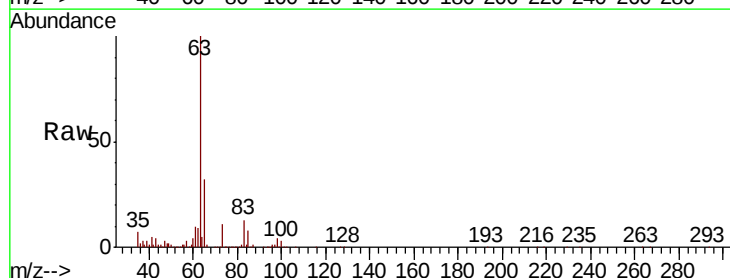
Delta R.T. 0.01 min

Lab File: VL036896.D

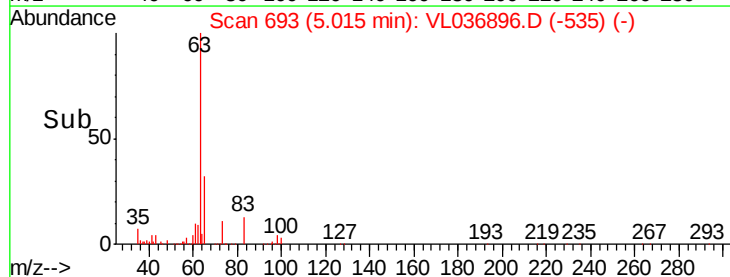
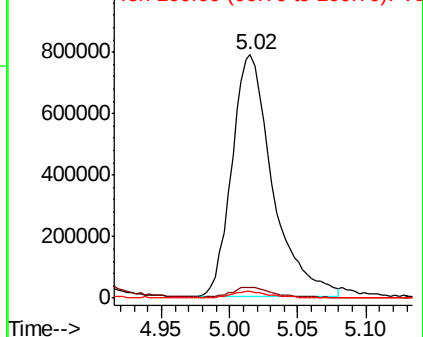
Acq: 6 May 2021 9:32

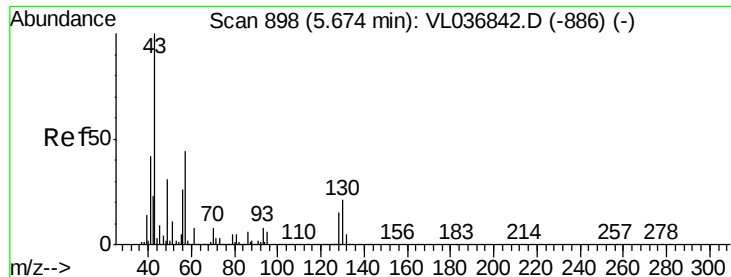
Tgt Ion: 63 Resp: 1641887

Ion	Ratio	Lower	Upper
63	100		
98	4.0	1.7	5.1
100	2.6	1.3	3.8



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

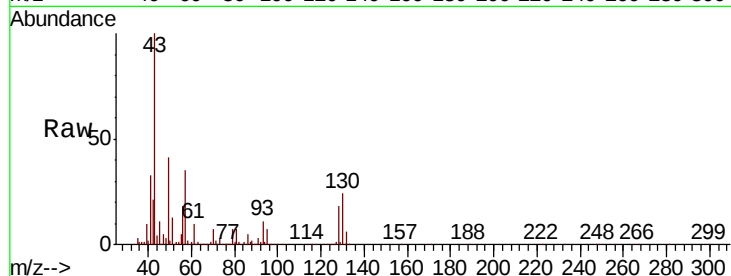




#25
Ethyl Acetate
Concen: 10.047 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 6 May 2021 9:32

Tot Ion: 43 Resp: 3483243

Ion	Ratio	Lower	Upper
43	100		
45	10.1	7.8	11.8
61	9.6	7.4	11.0
70	6.7	5.4	8.0



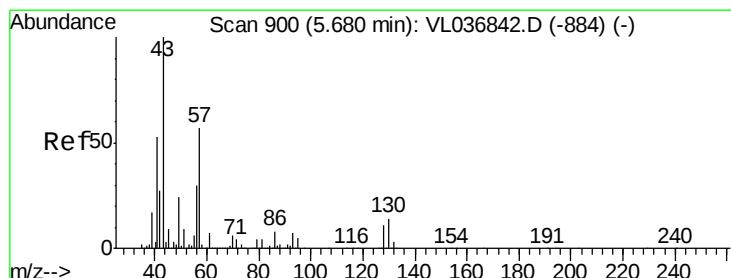
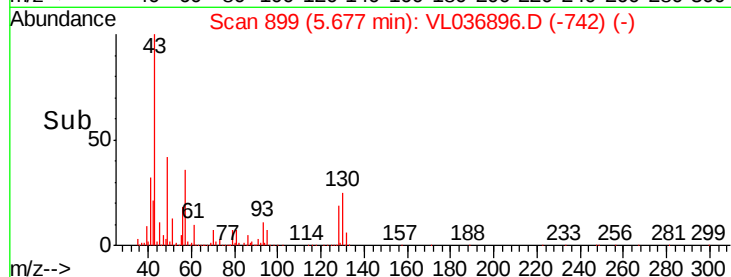
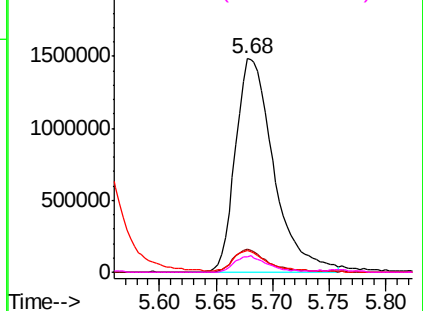
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

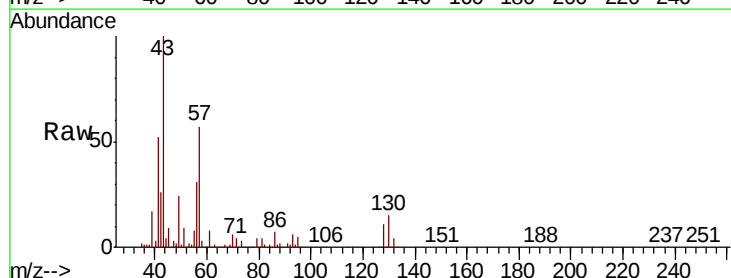
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.942 ppbv
RT: 5.69 min Scan# 902
Delta R.T.: 0.01 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 57 Resp: 1612593

Ion	Ratio	Lower	Upper
57	100		
41	96.9	77.7	116.5
43	220.4	180.5	270.7
56	56.3	44.6	66.8



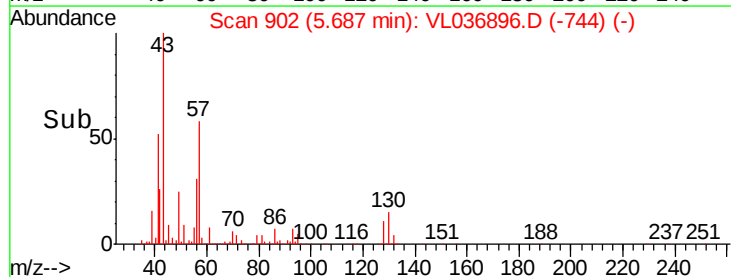
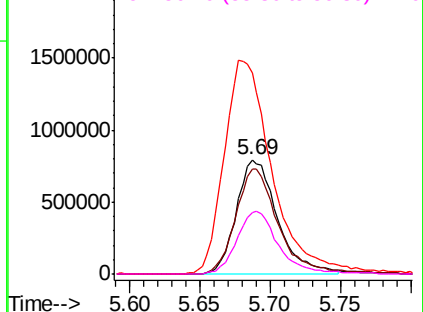
Abundance

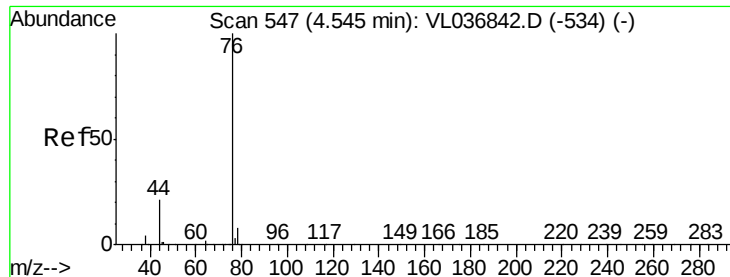
Ion 57.10 (56.80 to 57.80): VL0

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: 11.720 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 9:32

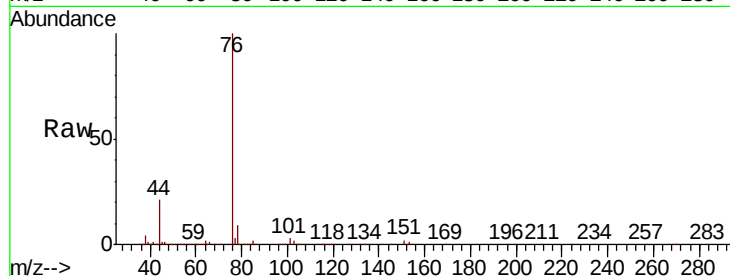
Tot Ion: 76 Resp: 1651243

Ion Ratio Lower Upper

76 100

44 20.3 16.9 25.3

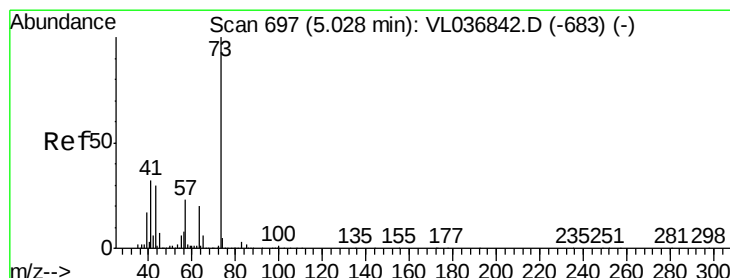
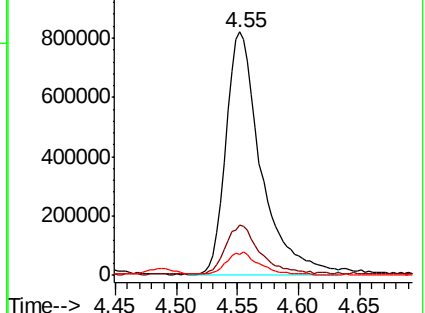
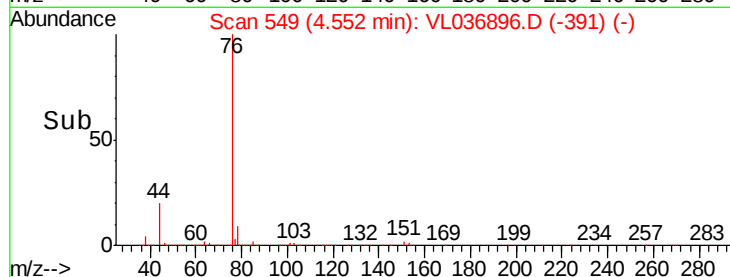
78 9.8 7.9 11.9



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: 12.675 ppbv

RT: 5.04 min Scan# 700

Delta R.T. 0.01 min

Lab File: VL036896.D

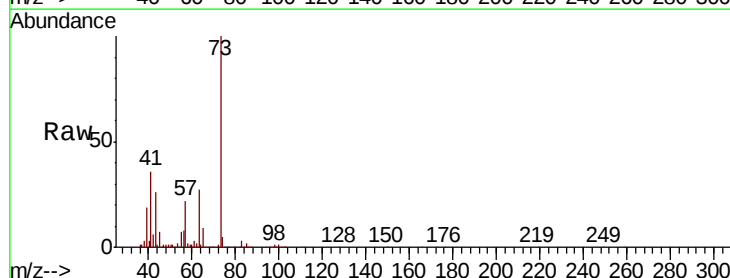
Acq: 6 May 2021 9:32

Tgt Ion: 73 Resp: 1822356

Ion Ratio Lower Upper

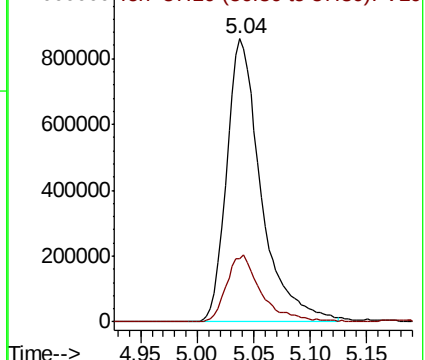
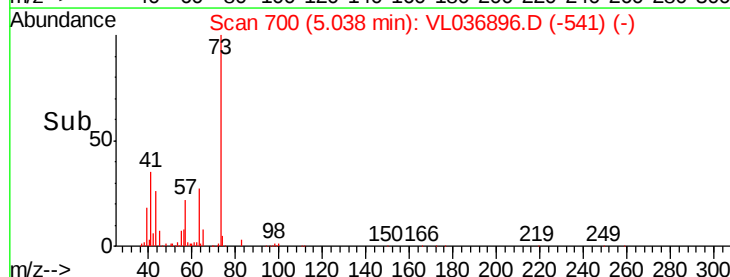
73 100

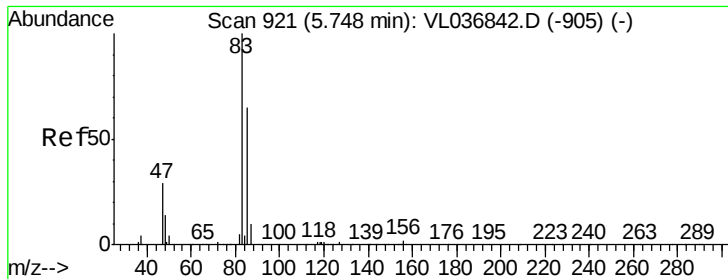
57 24.0 19.0 28.6



Abundance Ion 73.10 (72.80 to 73.80): VL0

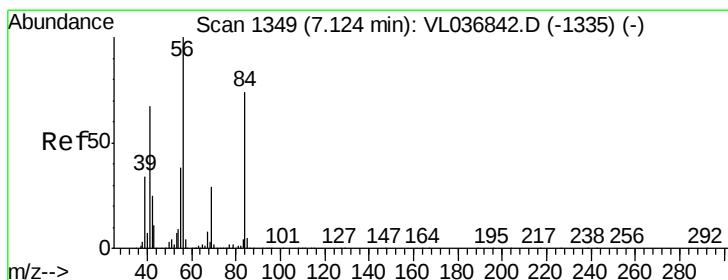
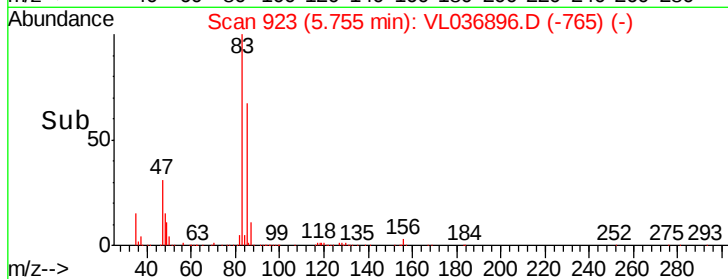
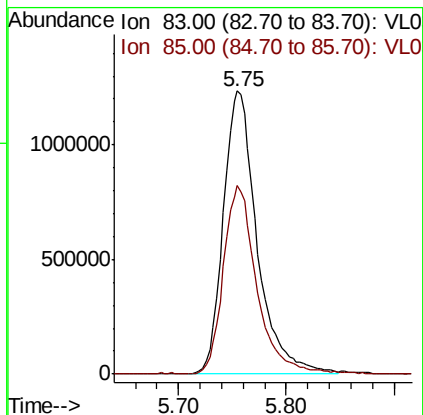
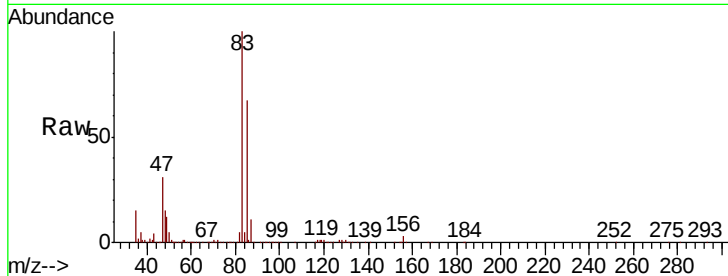
Ion 57.10 (56.80 to 57.80): VL0





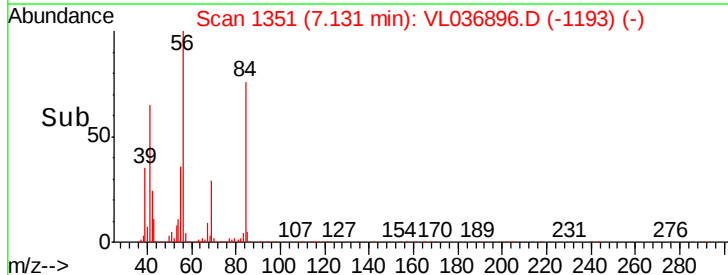
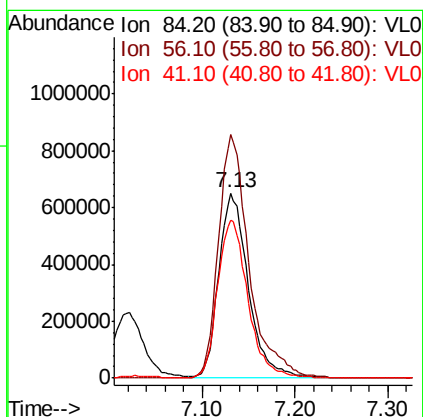
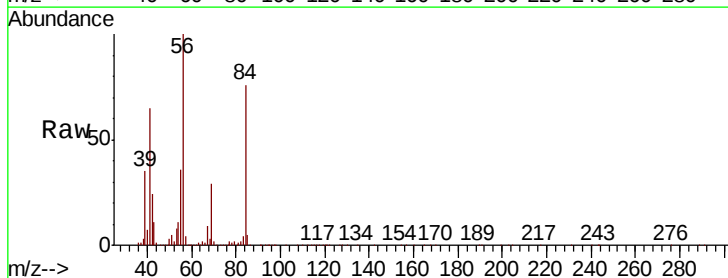
#29
Chloroform
Concen: 10.611 ppbv
RT: 5.75
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 6 May 2021 9:32

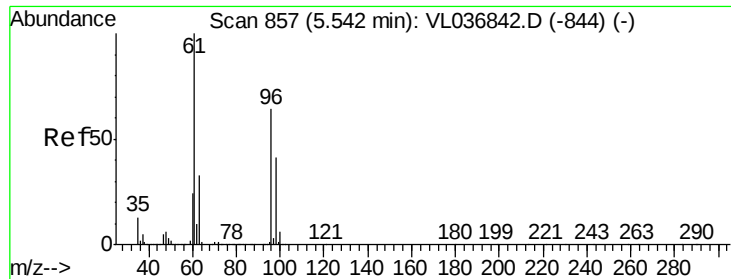
Tot Ion: 83 Resp: 2683288
Ion Ratio Lower Upper
83 100
85 66.5 52.2 78.4



#30
Cyclohexane
Concen: 11.206 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

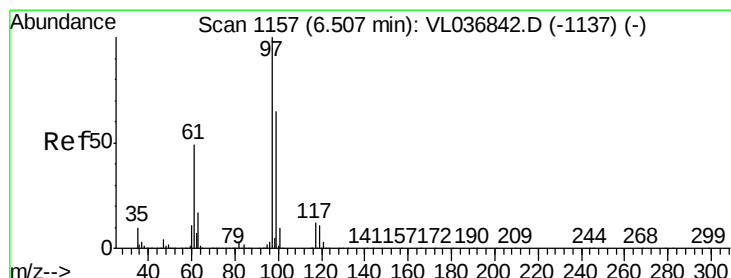
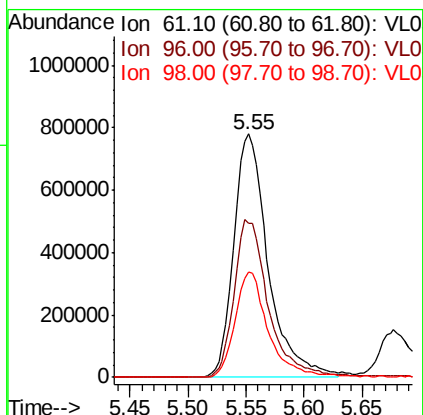
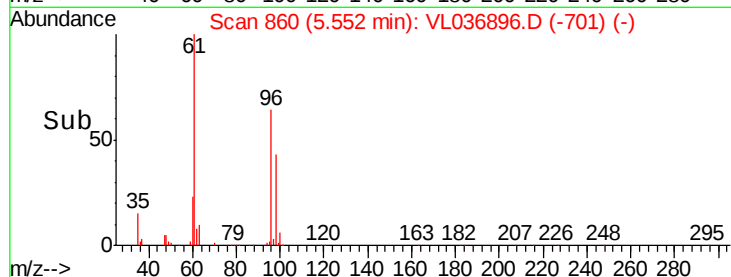
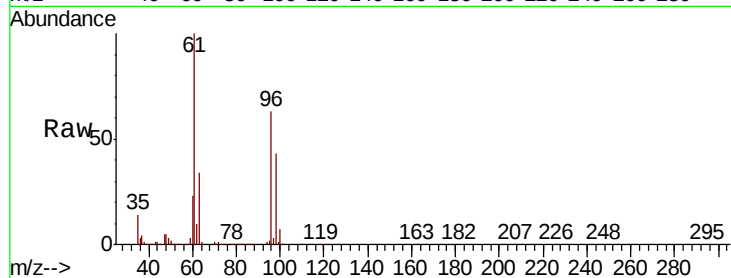
Tgt Ion: 84 Resp: 1441402
Ion Ratio Lower Upper
84 100
56 137.2 115.8 173.6
41 87.0 74.6 111.8





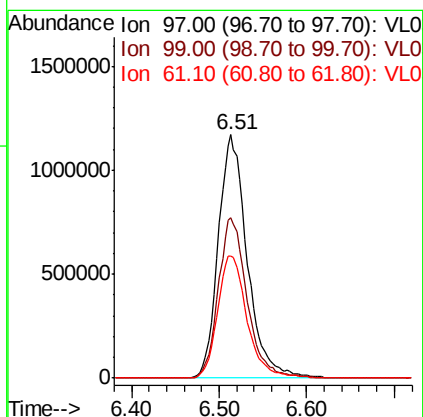
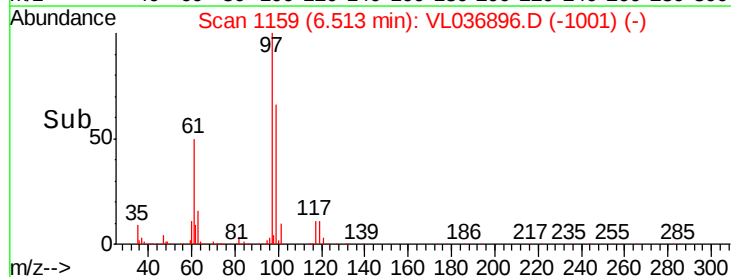
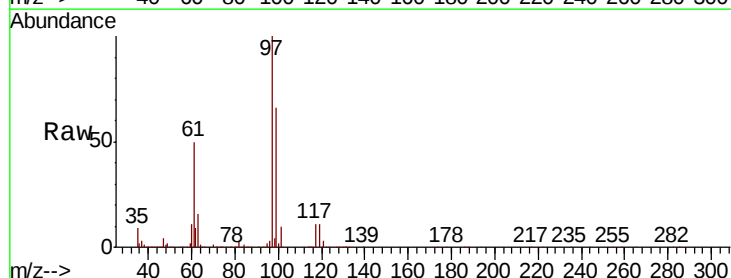
#31
 cis-1,2-Dichloroethene
 Concen: 10.970 ppbv
 RT: 5.55
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 6 May 2021 9:32

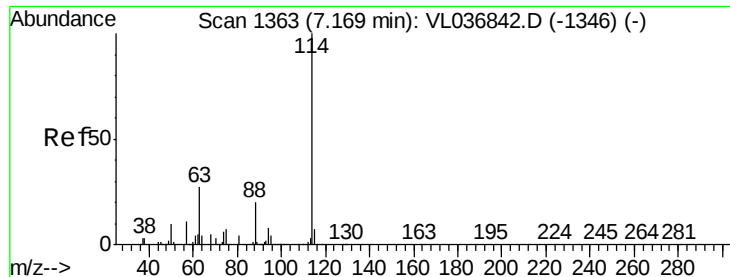
Tot Ion: 61 Resp: 1597225
 Ion Ratio Lower Upper
 61 100
 96 63.0 51.0 76.6
 98 43.1 32.7 49.1



#32
 1,1,1-Trichloroethane
 Concen: 10.411 ppbv
 RT: 6.51 min Scan# 1159
 Delta R.T. 0.01 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion: 97 Resp: 2677250
 Ion Ratio Lower Upper
 97 100
 99 66.0 51.8 77.6
 61 51.3 40.8 61.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

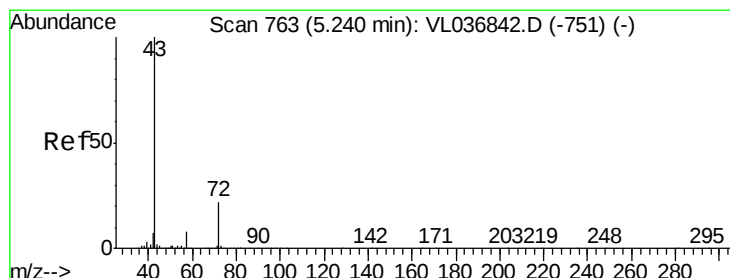
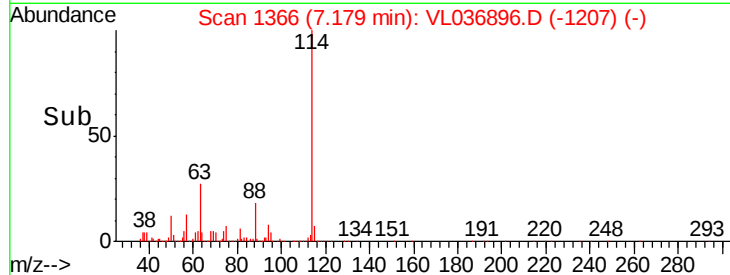
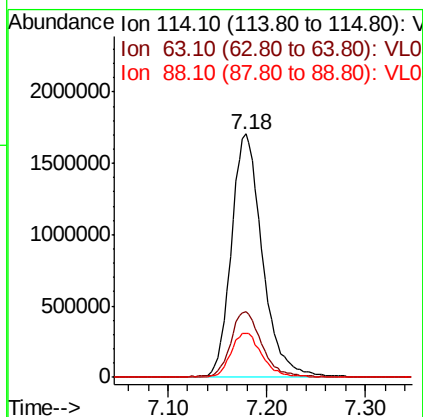
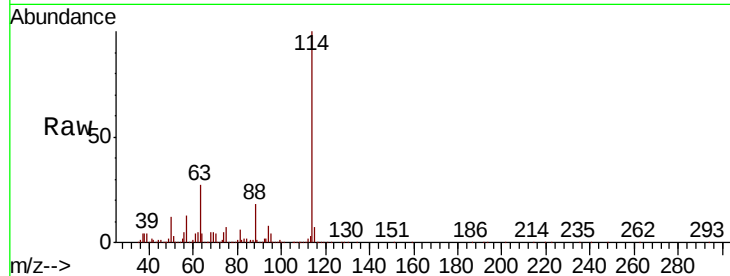
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 9:32

Tot Ion:114 Resp: 3741629

Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.9	32.9
88	18.4	15.1	22.7



#34

2-Butanone

Concen: 10.210 ppbv

RT: 5.25 min Scan# 766

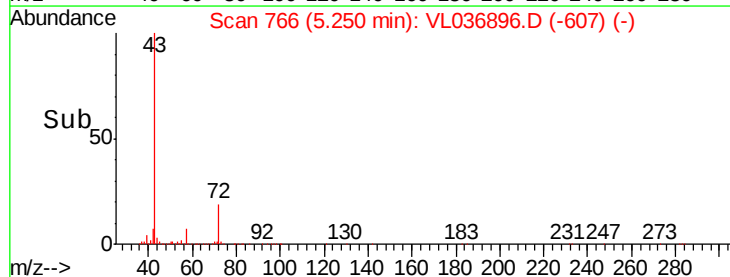
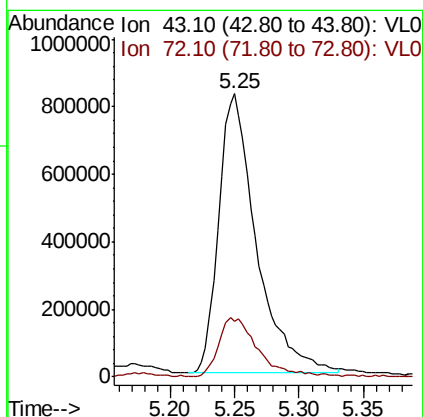
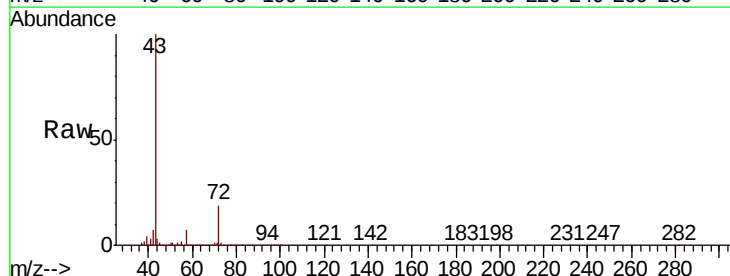
Delta R.T. 0.01 min

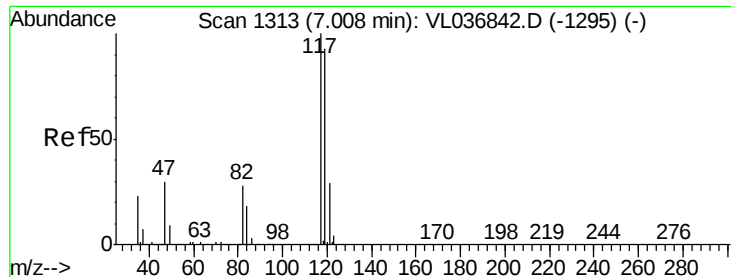
Lab File: VL036896.D

Acq: 6 May 2021 9:32

Tgt Ion: 43 Resp: 1673411

Ion	Ratio	Lower	Upper
43	100		
72	22.1	17.6	26.4





#35

Carbon Tetrachloride

Concen: 11.171 ppbv

RT: 7.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 9:32 VSTDCCC010

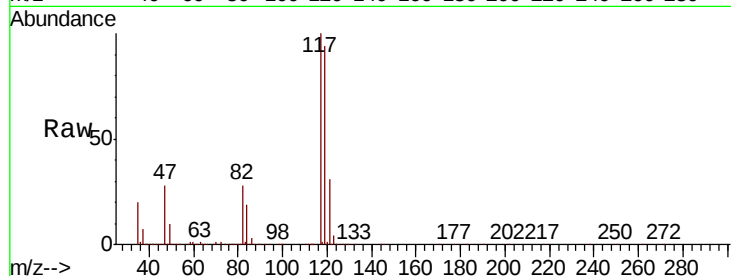
Tot Ion:117 Resp: 2836129

Ion Ratio Lower Upper

117 100

119 93.7 74.6 111.8

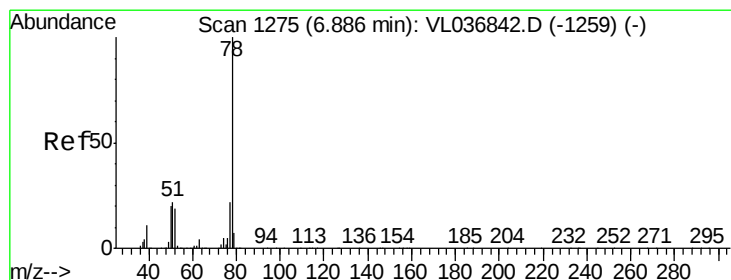
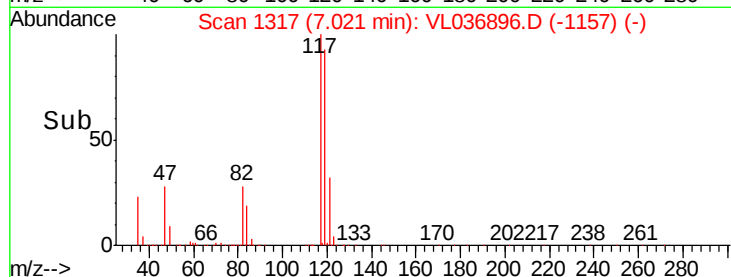
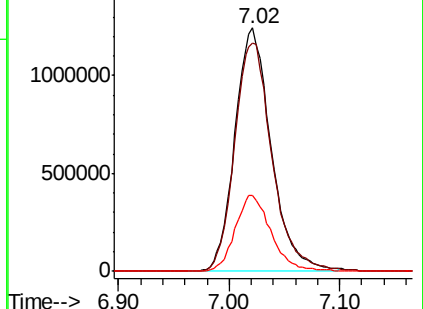
121 31.1 23.3 34.9



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 10.903 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. 0.01 min

Lab File: VL036896.D

Acq: 6 May 2021 9:32

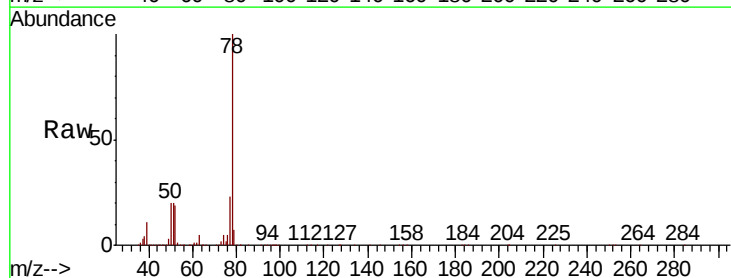
Tgt Ion: 78 Resp: 3437215

Ion Ratio Lower Upper

78 100

77 22.5 17.6 26.4

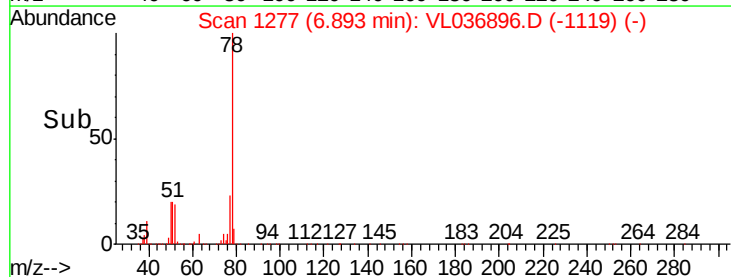
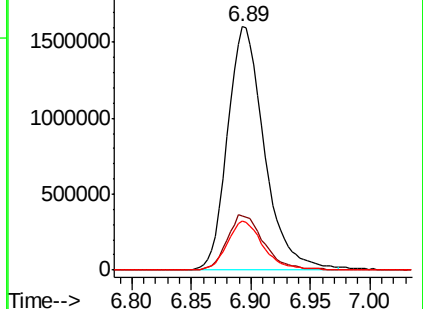
50 19.9 16.3 24.5

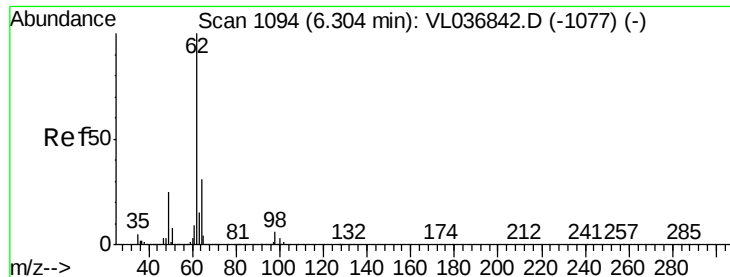


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

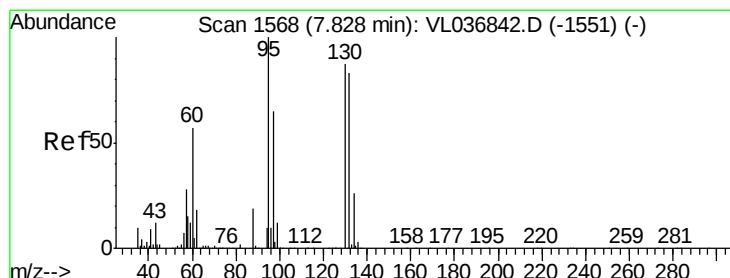
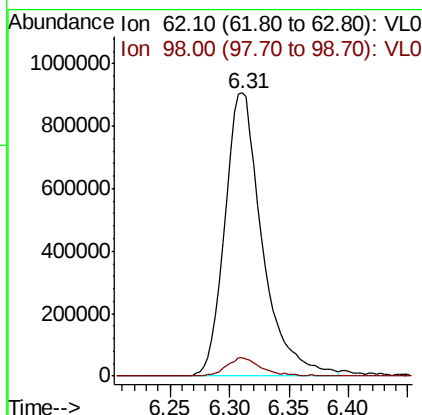
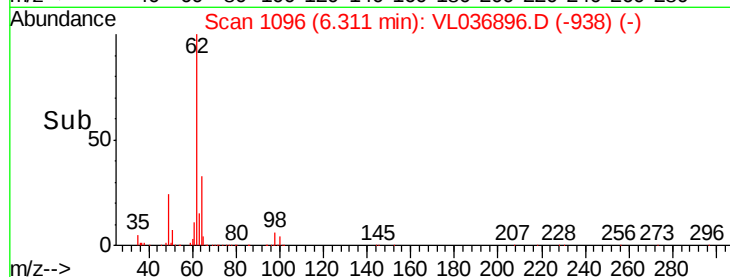
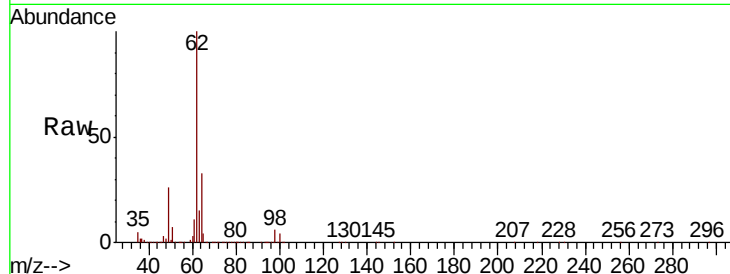
Ion 50.10 (49.80 to 50.80): VL0





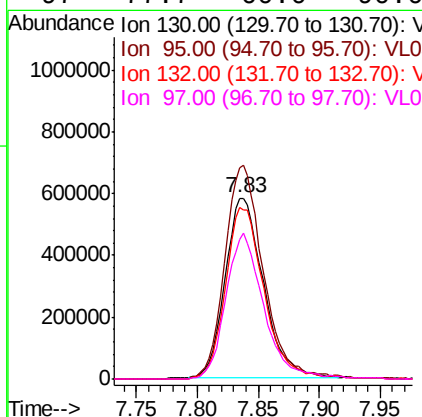
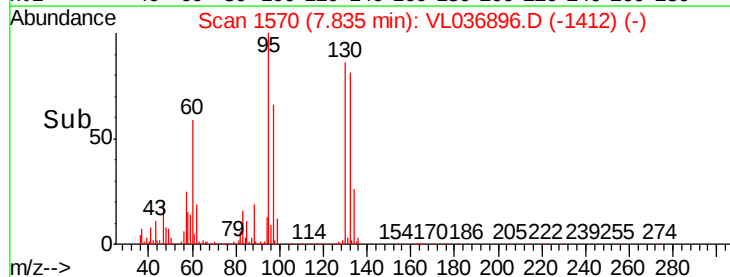
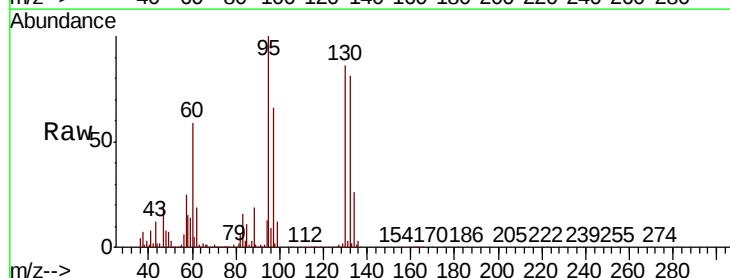
#37
 1,2-Dichloroethane
 Concen: 11.059 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 6 May 2021 9:32

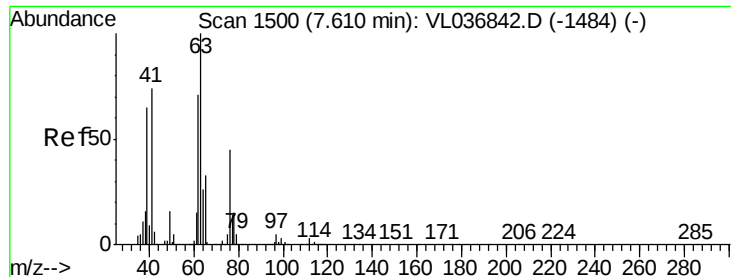
Tot Ion: 62 Resp: 1974261
 Ion Ratio Lower Upper
 62 100
 98 6.3 4.8 7.2



#38
 Trichloroethene
 Concen: 11.278 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion: 130 Resp: 1265832
 Ion Ratio Lower Upper
 130 100
 95 117.3 92.3 138.5
 132 95.4 76.8 115.2
 97 77.7 60.0 90.0

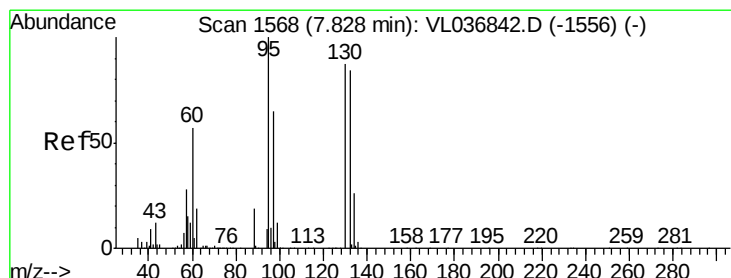
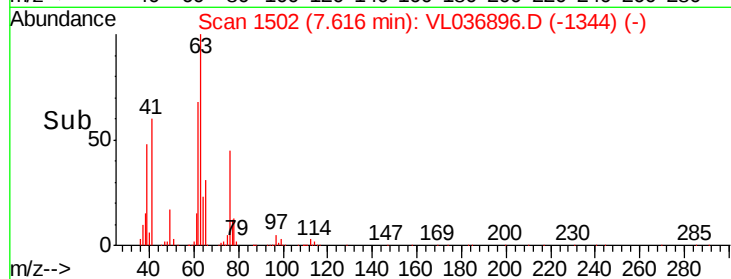
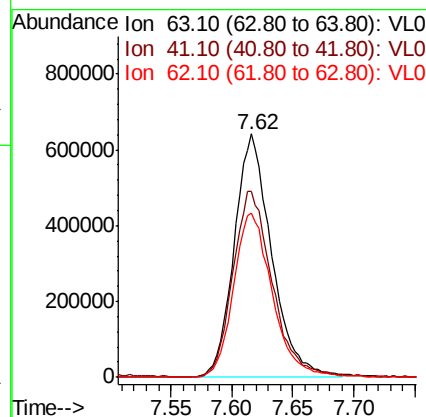
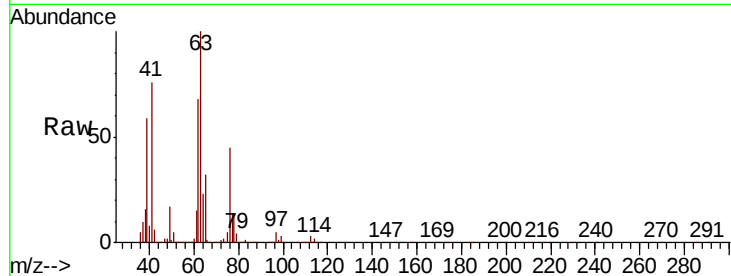




#39
 1,2-Dichloropropane
 Concen: 10.783 ppbv
 RT: 7.62
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VSTDCCC010
 Acq: 6 May 2021 9:32

Tot Ion: 63 Resp: 1361886

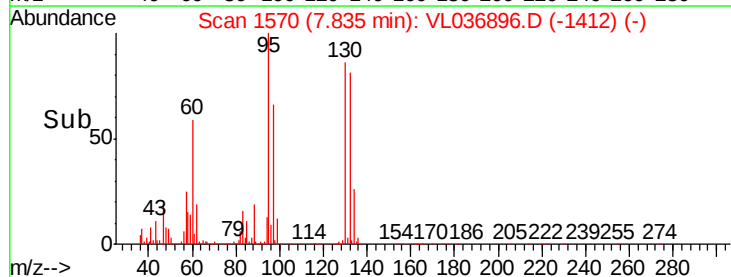
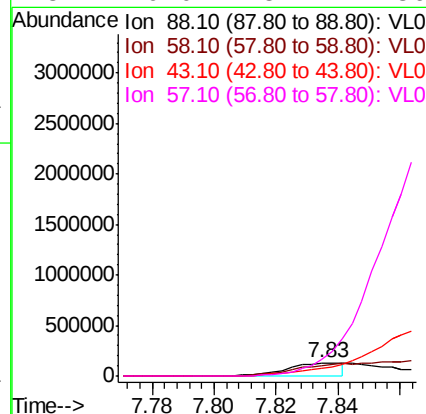
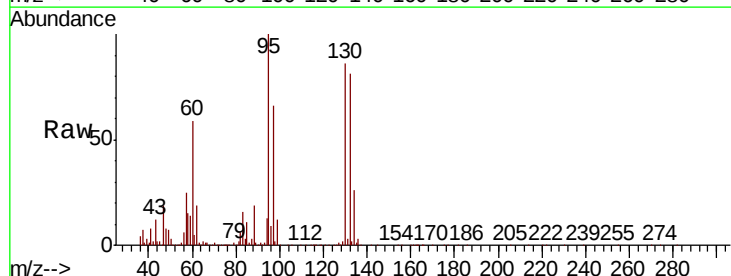
Ion	Ratio	Lower	Upper
63	100		
41	76.3	59.1	88.7
62	67.8	56.9	85.3

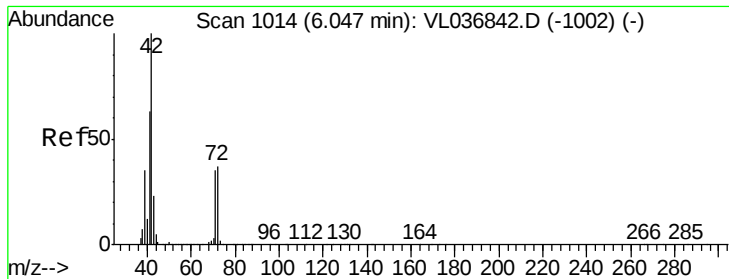


#40
 1,4-Dioxane
 Concen: 5.167 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T.: 0.01 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion: 88 Resp: 157597

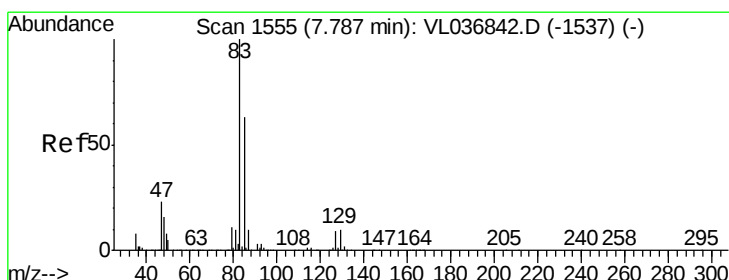
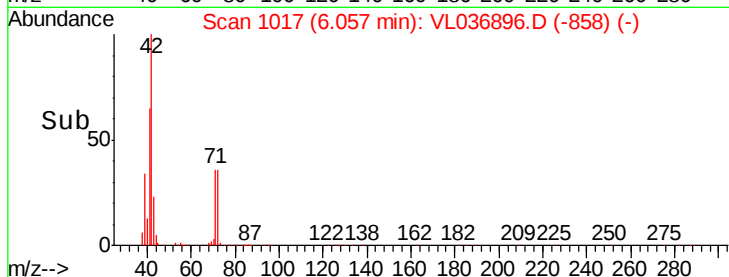
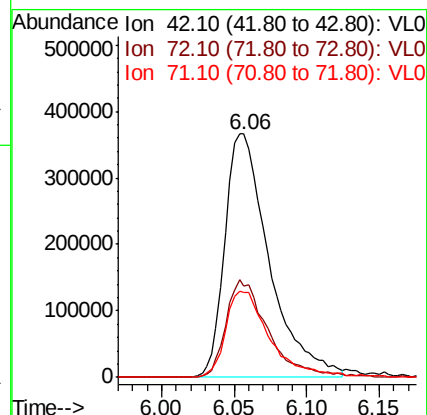
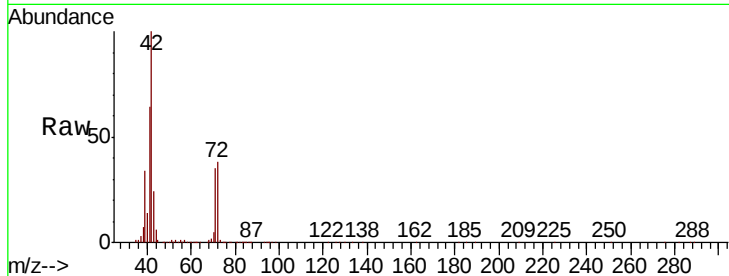
Ion	Ratio	Lower	Upper
88	100		
58	0.0	132.6	198.8#
43	0.0	331.5	497.3#
57	0.0	1457.4	2186.0#





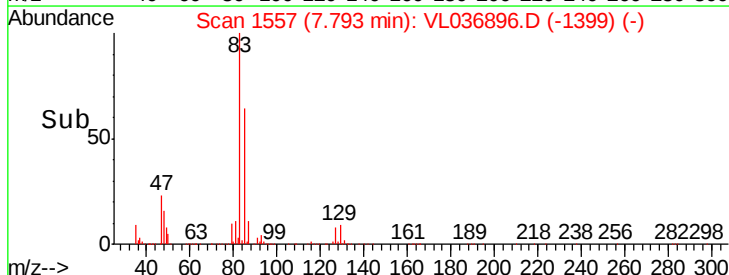
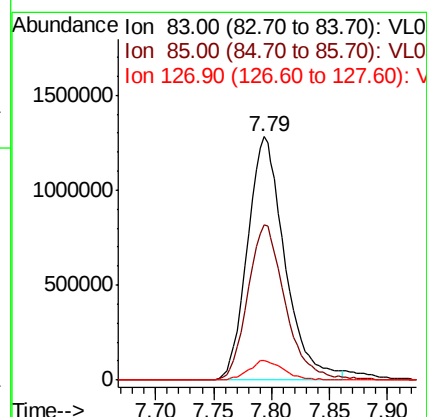
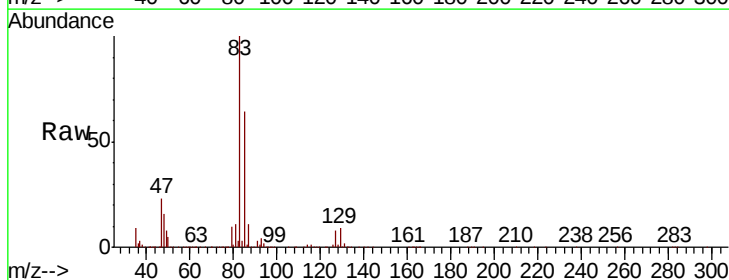
#41
Tetrahydrofuran
Concen: 10.780 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 May 2021 9:32

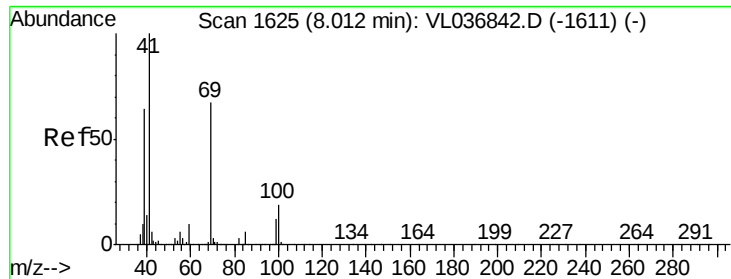
Tot Ion: 42 Resp: 772924
Ion Ratio Lower Upper
42 100
72 38.9 29.7 44.5
71 36.2 29.0 43.6



#42
Bromodichloromethane
Concen: 11.563 ppbv
RT: 7.79 min Scan# 1557
Delta R.T.: 0.01 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 83 Resp: 2868140
Ion Ratio Lower Upper
83 100
85 63.7 50.4 75.6
127 8.2 6.9 10.3





#43

Methyl Methacrylate

Concen: 12.066 ppbv

RT: 8.02

Instrument: MSVOA_1

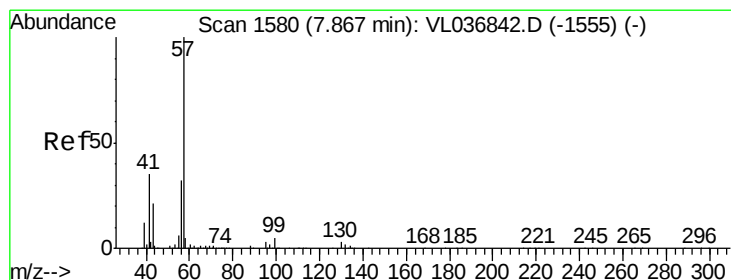
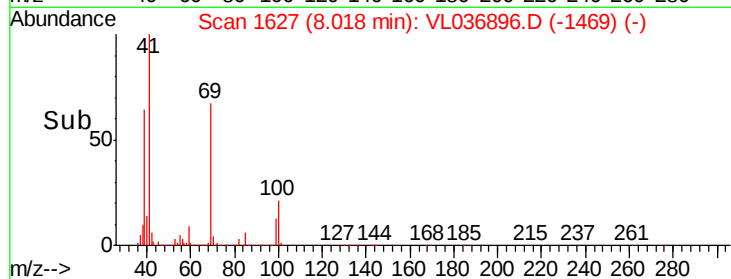
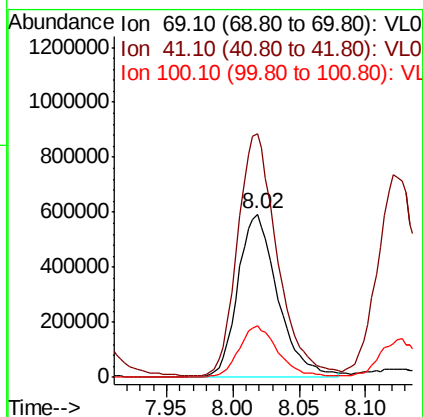
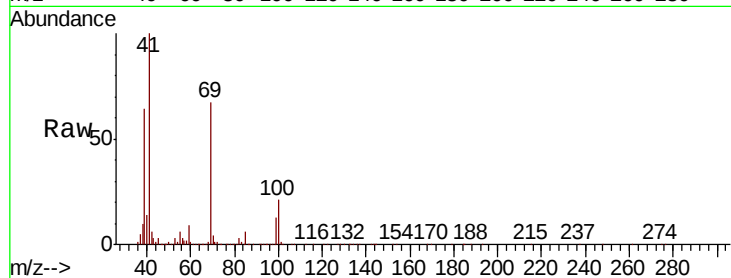
Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 6 May 2021 9:32

Tot Ion: 69 Resp: 1241200

Ion	Ratio	Lower	Upper
69	100		
41	150.0	124.2	186.4
100	31.1	25.5	38.3



#44

2,2,4-Trimethylpentane

Concen: 10.781 ppbv

RT: 7.87 min Scan# 1582

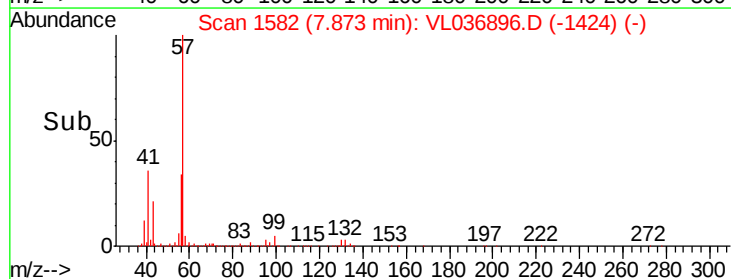
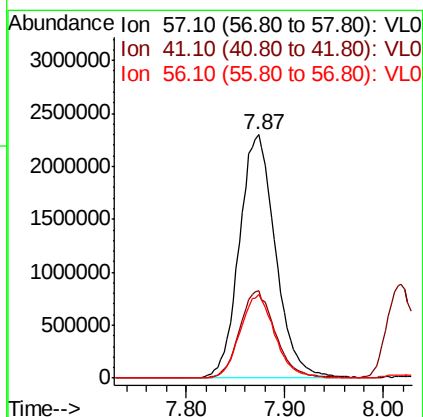
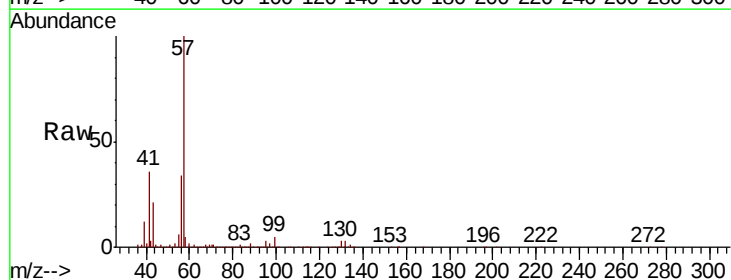
Delta R.T. 0.01 min

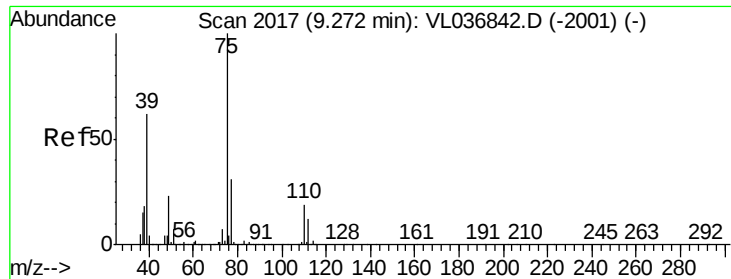
Lab File: VL036896.D

Acq: 6 May 2021 9:32

Tgt Ion: 57 Resp: 5824446

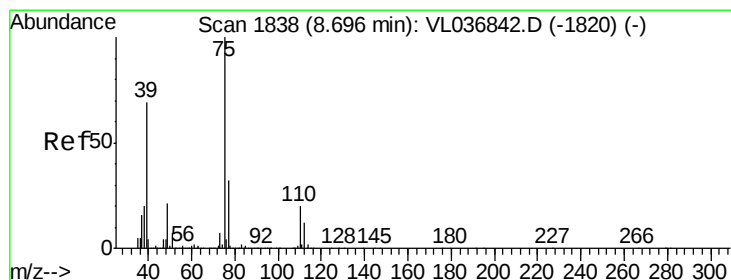
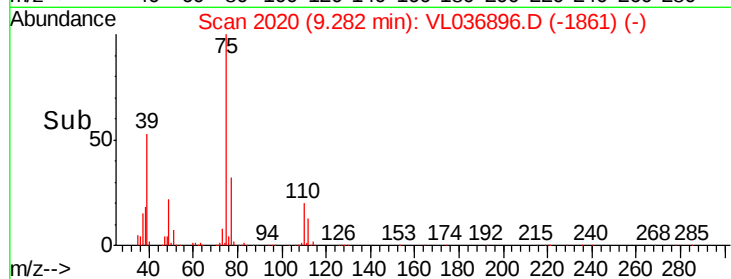
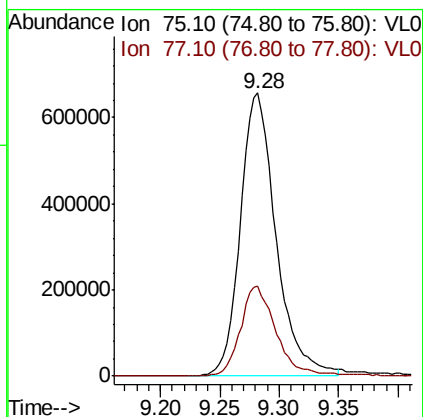
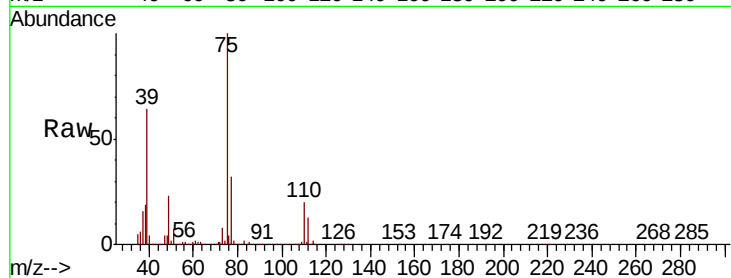
Ion	Ratio	Lower	Upper
57	100		
41	35.6	28.2	42.4
56	33.1	25.9	38.9





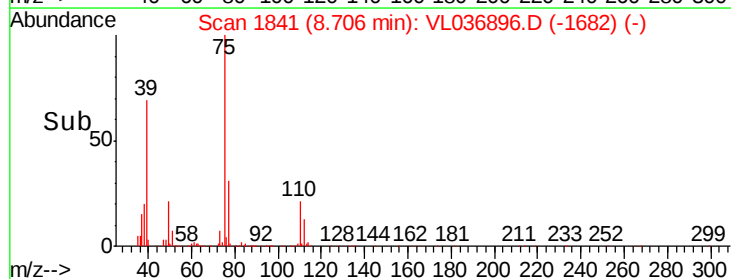
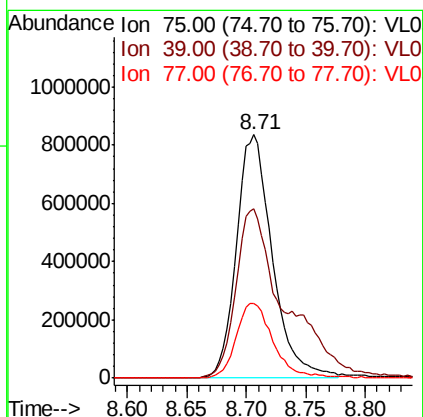
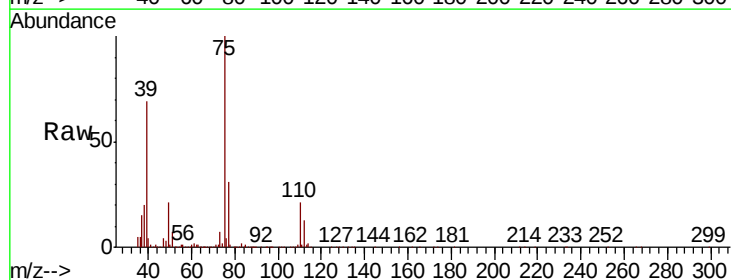
#45
t-1,3-Dichloropropene
Concen: 12.310 ppbv
RT: 9.28
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 6 May 2021 9:32

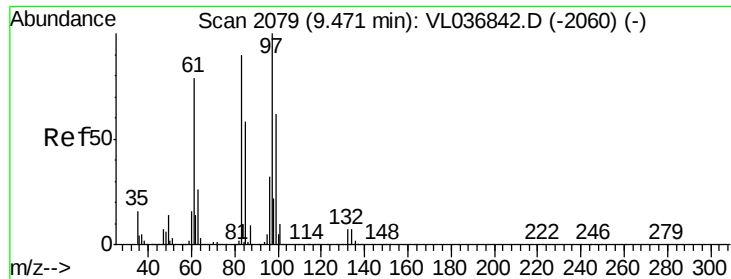
Tot Ion: 75 Resp: 1365078
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0



#46
cis-1,3-Dichloropropene
Concen: 12.313 ppbv
RT: 8.71 min Scan# 1841
Delta R.T. 0.01 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 75 Resp: 1750711
Ion Ratio Lower Upper
75 100
39 69.3 55.4 83.0
77 30.6 25.2 37.8

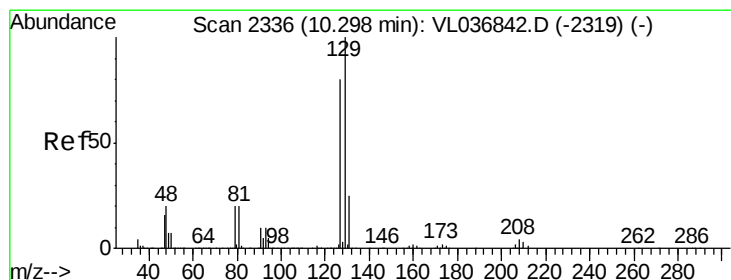
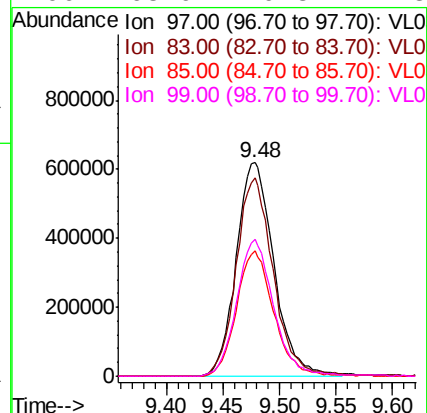
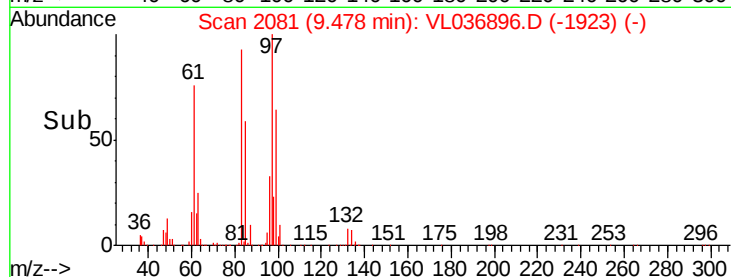
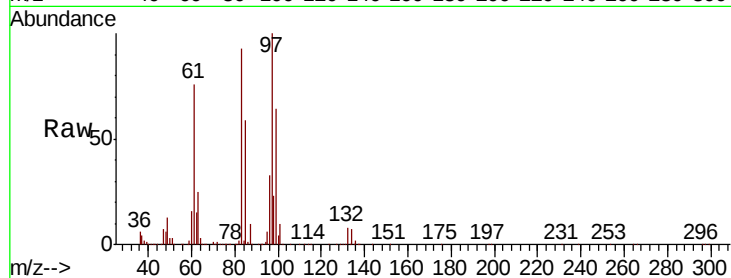




#47
 1,1,2-Trichloroethane
 Concen: 10.965 ppbv
 RT: 9.48
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 6 May 2021 9:32

Tot Ion: 97 Resp: 1433806

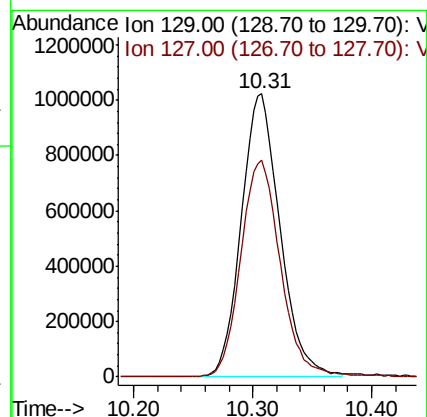
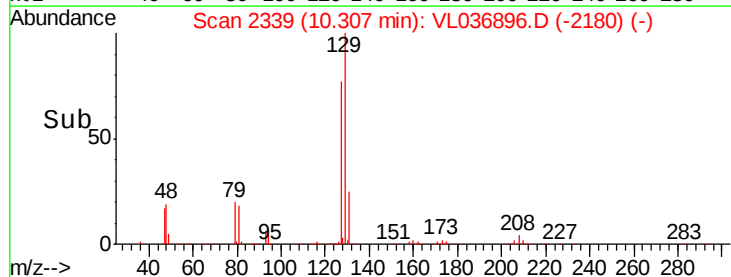
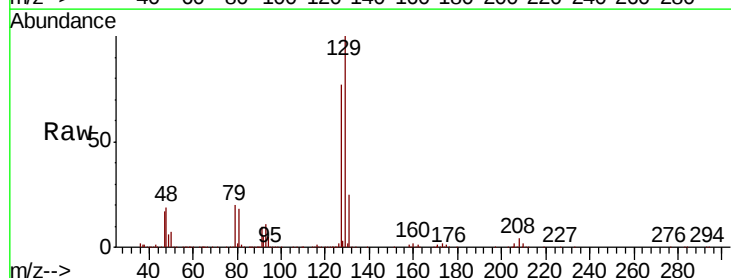
Ion	Ratio	Lower	Upper
97	100		
83	92.6	71.9	107.9
85	58.4	46.5	69.7
99	63.9	49.8	74.8

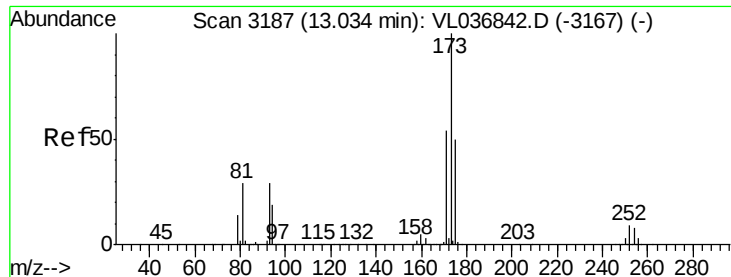


#48
 Dibromochloromethane
 Concen: 11.912 ppbv
 RT: 10.31 min Scan# 2339
 Delta R.T.: 0.01 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion: 129 Resp: 2308114

Ion	Ratio	Lower	Upper
129	100		
127	78.5	40.2	120.5





#49

Bromoform

Concen: 12.276 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDCCC010

Acq: 6 May 2021 9:32

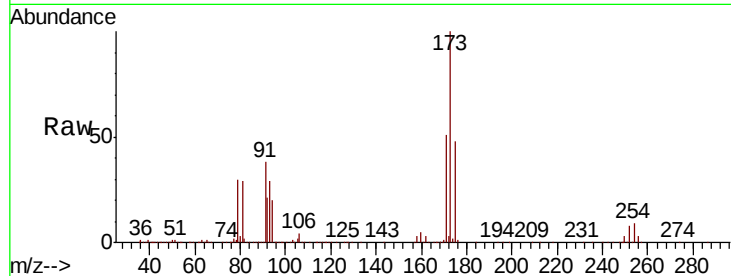
Tot Ion:173 Resp: 1898817

Ion Ratio Lower Upper

173 100

175 50.7 39.6 59.4

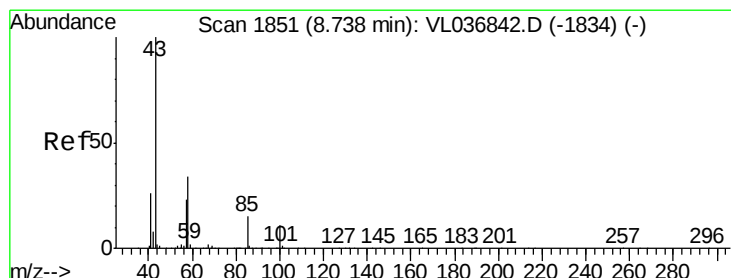
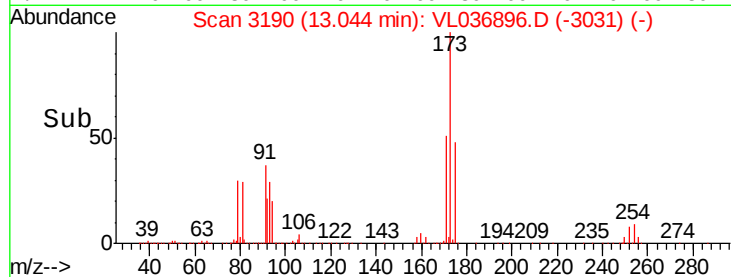
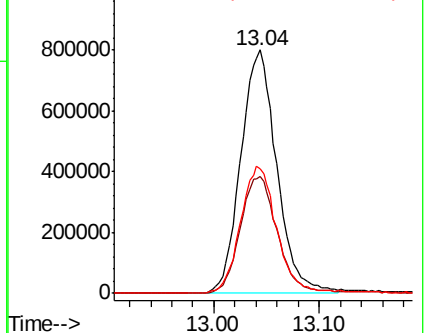
171 53.4 42.2 63.4



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: 11.539 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.01 min

Lab File: VL036896.D

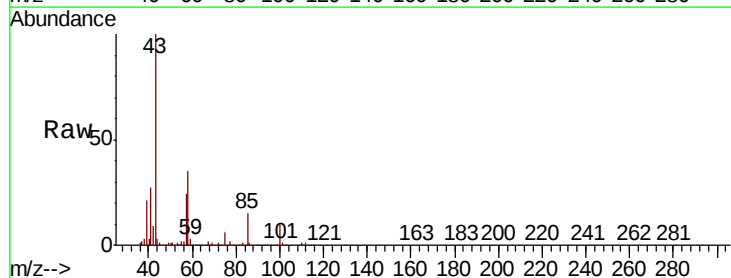
Acq: 6 May 2021 9:32

Tgt Ion: 43 Resp: 2585064

Ion Ratio Lower Upper

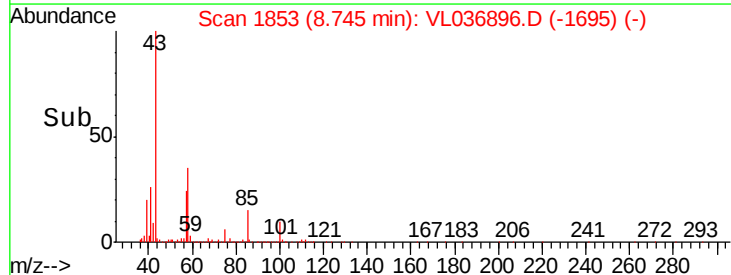
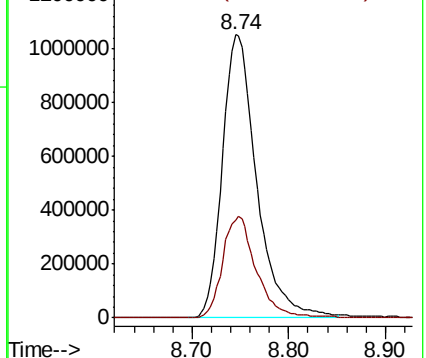
43 100

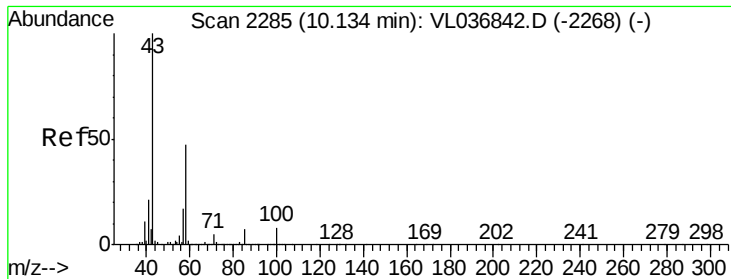
58 35.8 27.8 41.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

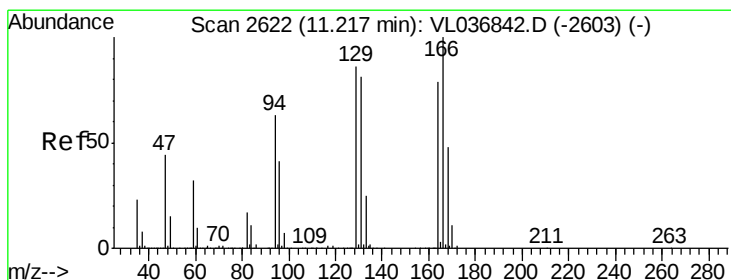
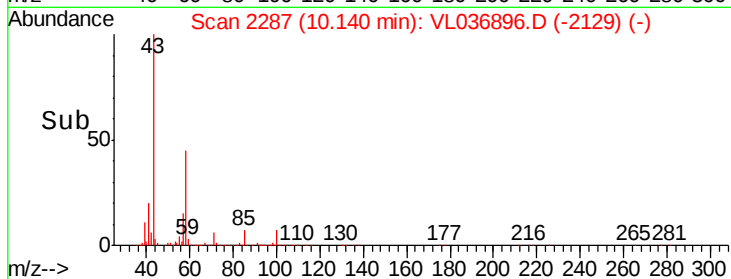
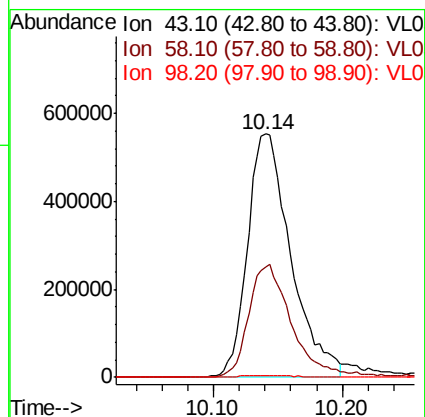
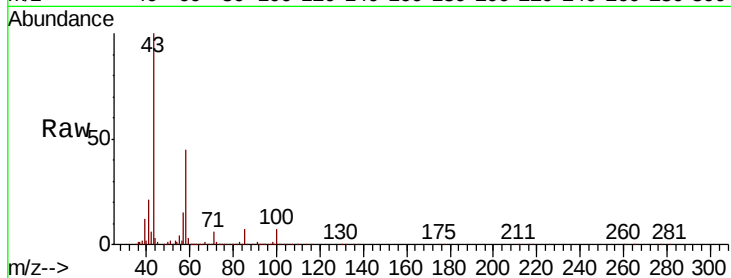




#51
2-Hexanone
Concen: 11.576 ppbv
RT: 10.14 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 May 2021 9:32

Tot Ion: 43 Resp: 1293478

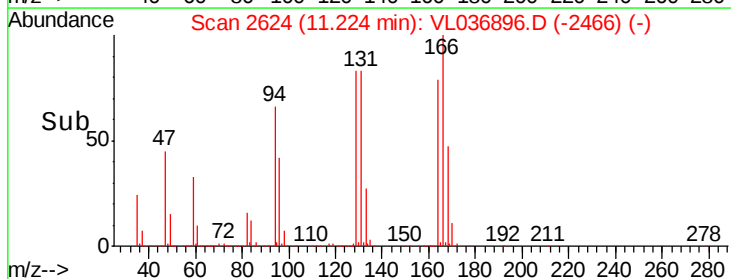
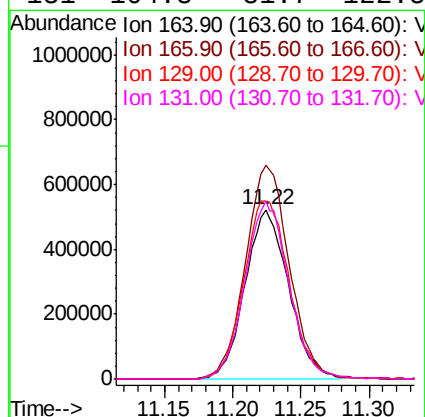
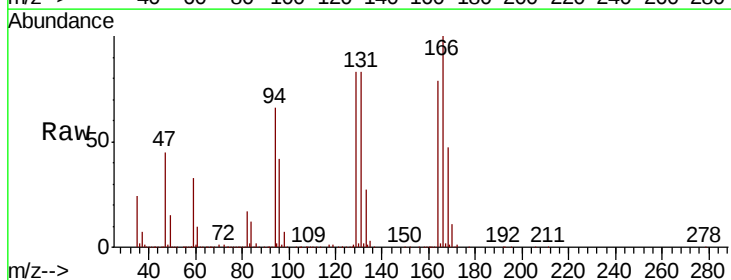
Ion	Ratio	Lower	Upper
43	100		
58	46.7	37.0	55.6
98	1.1	0.2	0.4

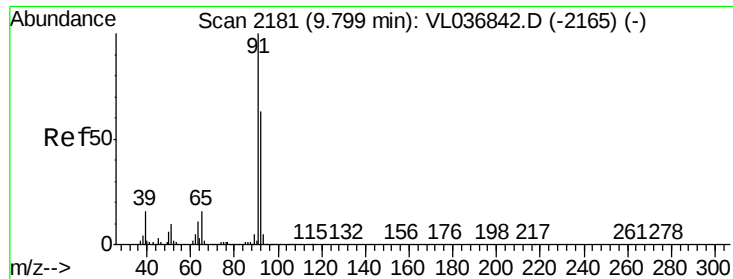


#52
Tetrachloroethene
Concen: 10.709 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. 0.01 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 164 Resp: 1149568

Ion	Ratio	Lower	Upper
164	100		
166	126.3	100.9	151.3
129	105.0	87.0	130.4
131	104.8	81.7	122.5





#53

Toluene

Concen: 11.742 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

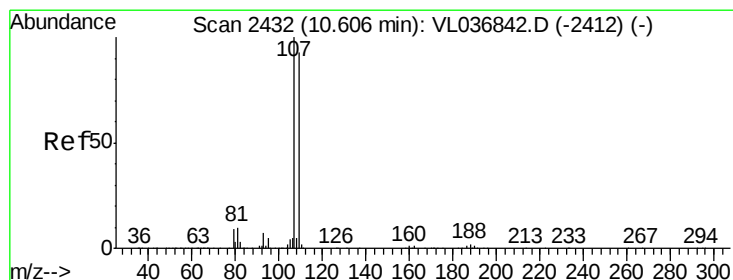
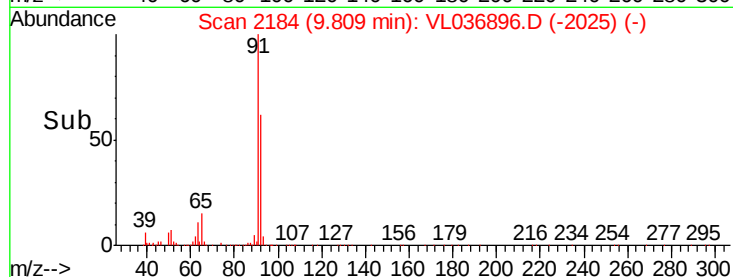
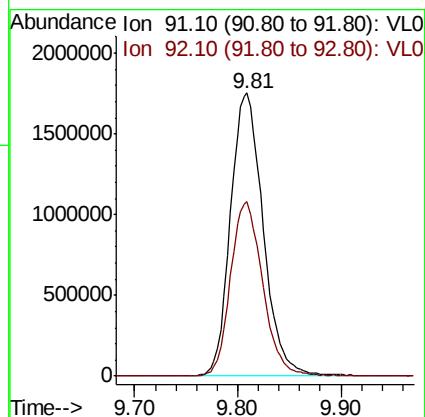
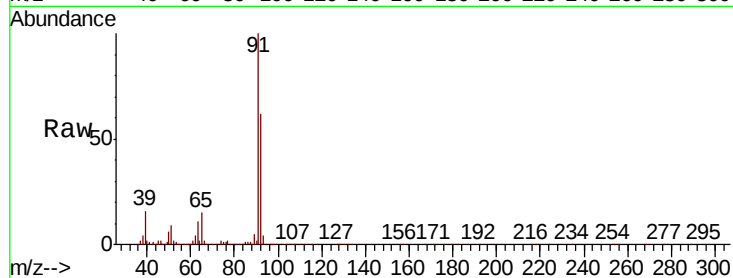
Acq: 6 May 2021 9:32

Tot Ion: 91 Resp: 3873464

Ion Ratio Lower Upper

91 100

92 61.1 49.0 73.4



#54

1,2-Dibromoethane

Concen: 10.810 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.01 min

Lab File: VL036896.D

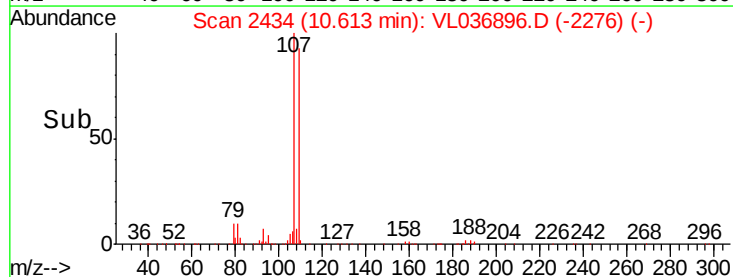
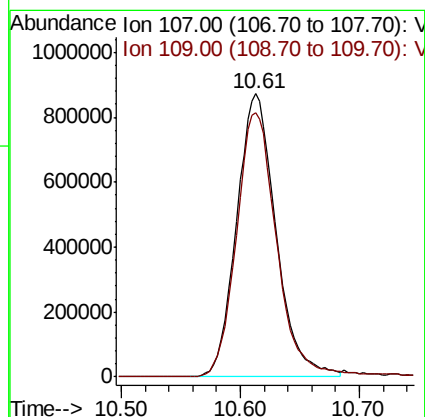
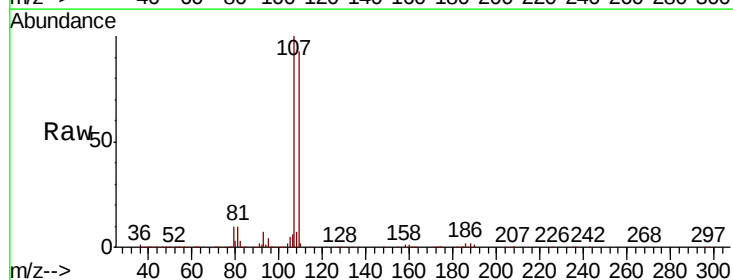
Acq: 6 May 2021 9:32

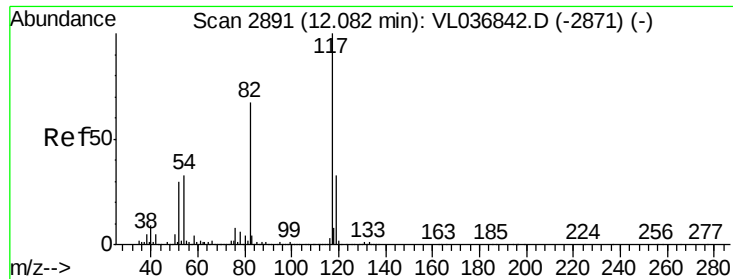
Tgt Ion: 107 Resp: 1995544

Ion Ratio Lower Upper

107 100

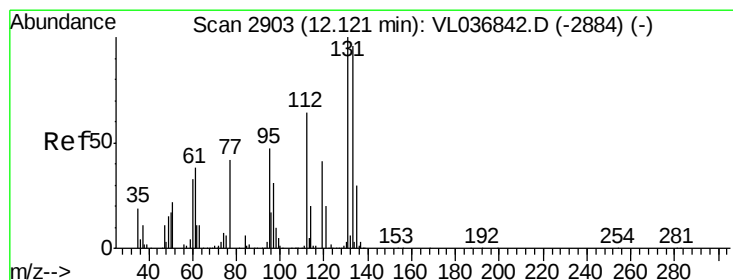
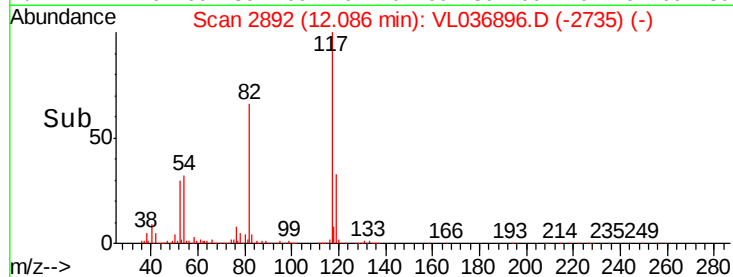
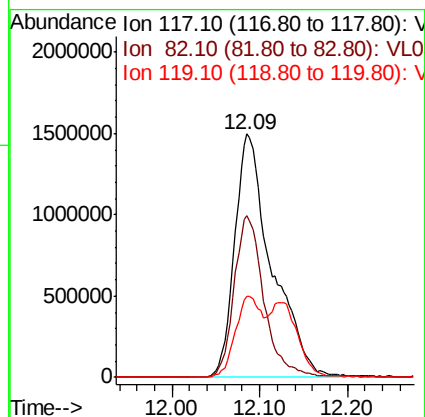
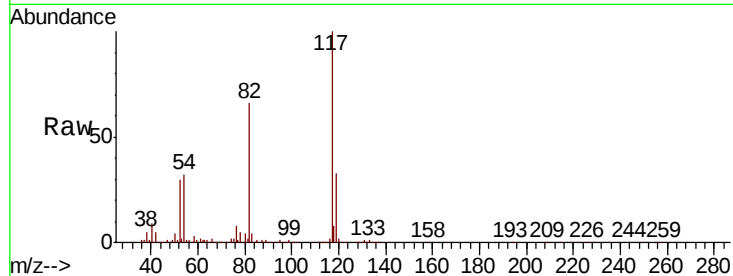
109 93.2 74.7 112.1





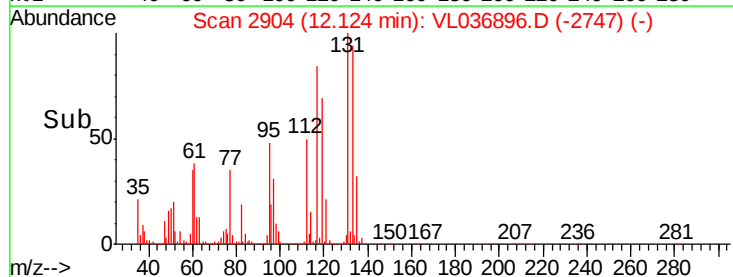
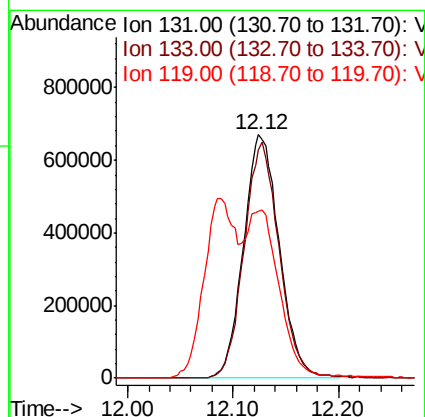
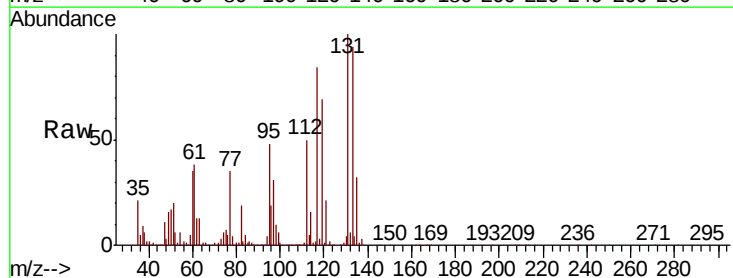
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 6 May 2021 9:32

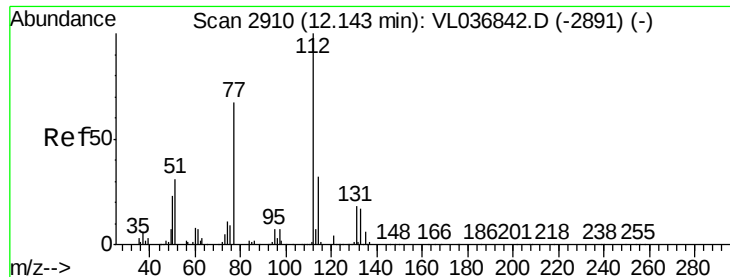
Tot Ion:117 Resp: 4399423
 Ion Ratio Lower Upper
 117 100
 82 53.9 53.5 80.3
 119 24.9 25.6 38.4#



#56
 1,1,1,2-Tetrachloroethane
 Concen: 8.584 ppbv
 RT: 12.12 min Scan# 2904
 Delta R.T.: 0.00 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion:131 Resp: 1583212
 Ion Ratio Lower Upper
 131 100
 133 95.2 76.3 114.5
 119 68.8 114.9 172.3#





#57

Chlorobenzene

Concen: 8.379 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 9:32

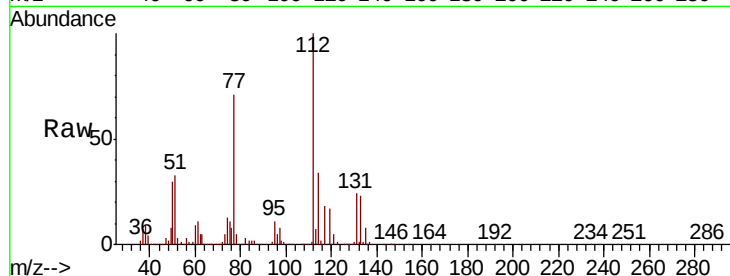
Tot Ion: 112 Resp: 2871117

Ion Ratio Lower Upper

112 100

77 70.2 54.2 81.4

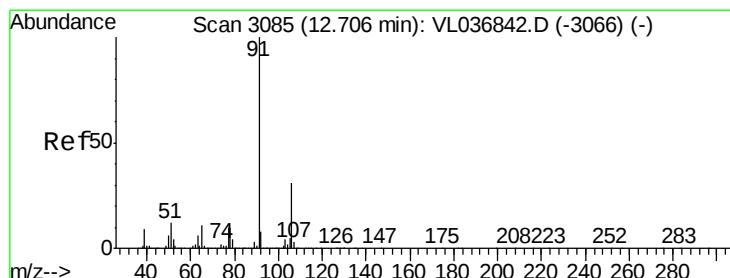
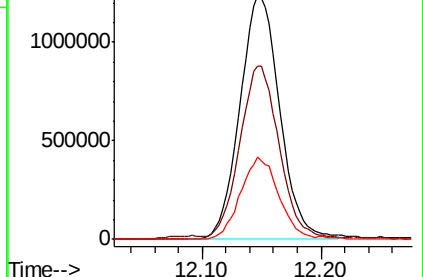
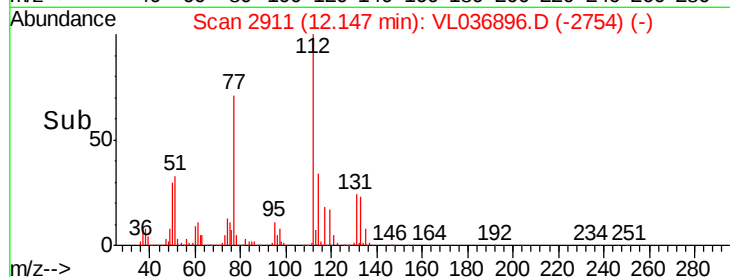
114 33.6 28.5 34.9



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: 9.247 ppbv

RT: 12.71 min Scan# 3087

Delta R.T. 0.01 min

Lab File: VL036896.D

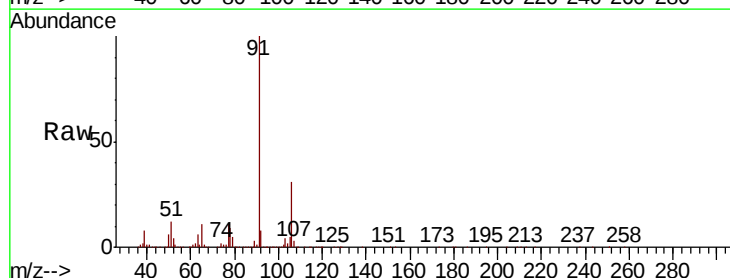
Acq: 6 May 2021 9:32

Tgt Ion: 91 Resp: 5160020

Ion Ratio Lower Upper

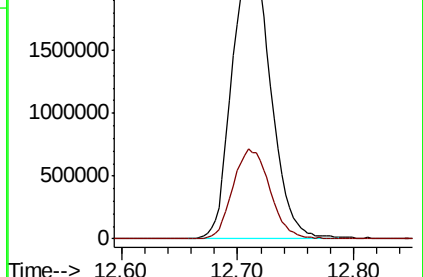
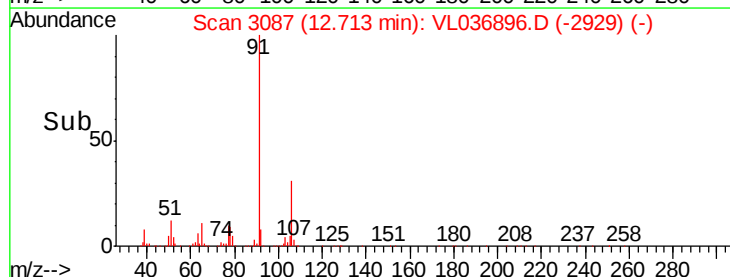
91 100

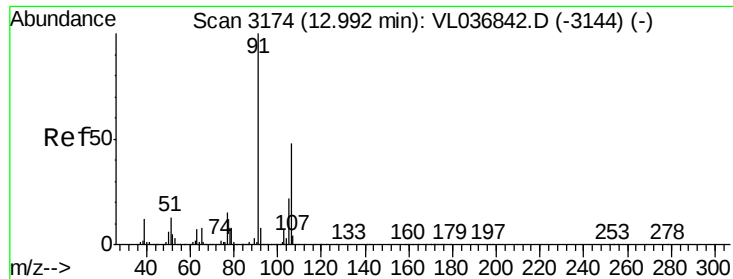
106 30.7 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

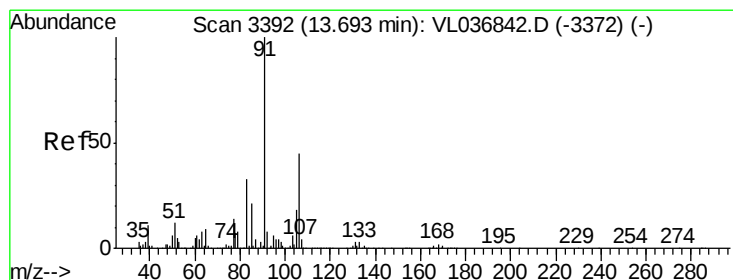
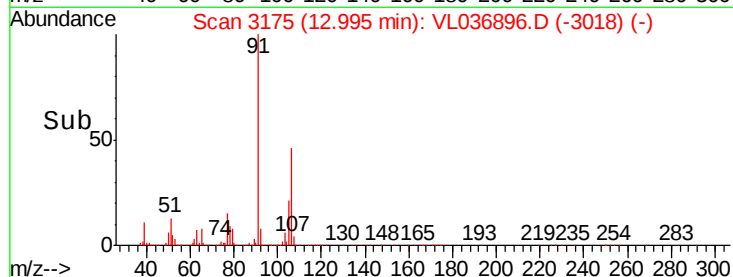
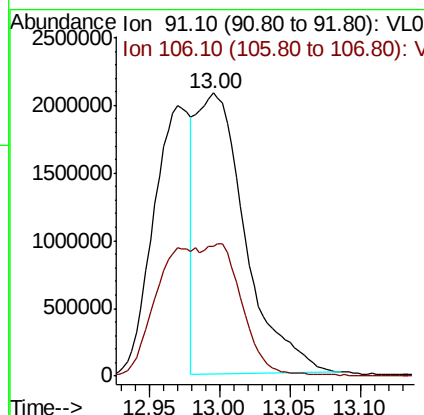
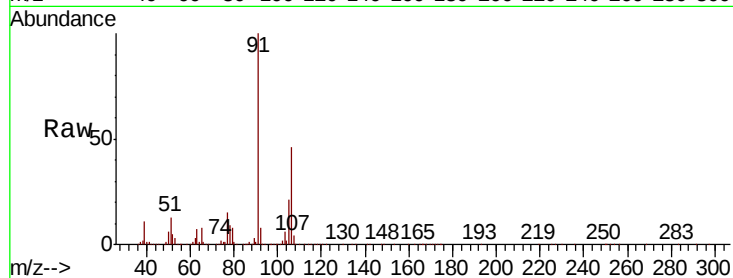
Ion 106.10 (105.80 to 106.80): V





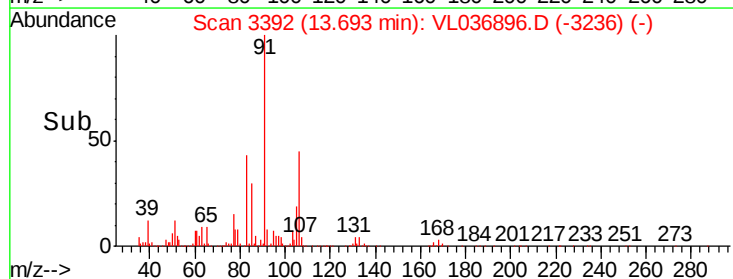
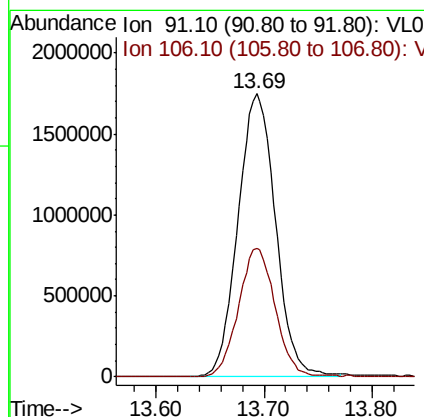
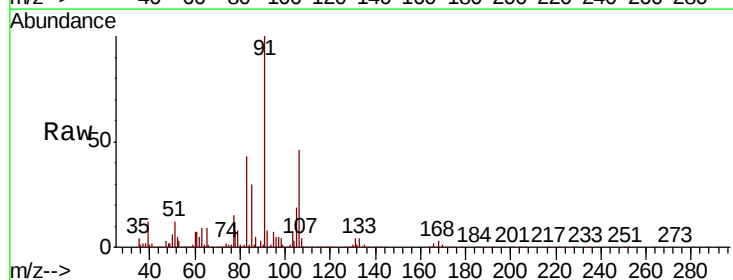
#59
m/p-Xylene
Concen: 10.095 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 May 2021 9:32

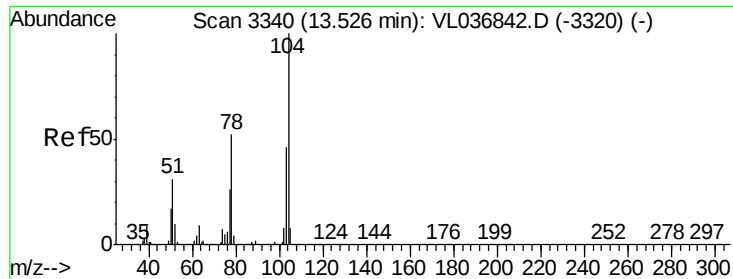
Tot Ion: 91 Resp: 5034474
Ion Ratio Lower Upper
91 100
106 78.4 35.8 53.6#



#60
o-Xylene
Concen: 8.737 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 91 Resp: 4213118
Ion Ratio Lower Upper
91 100
106 45.2 22.6 67.7

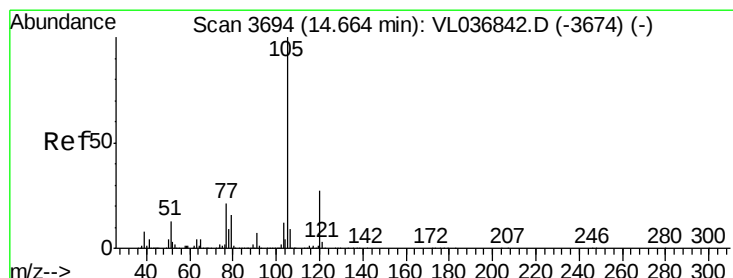
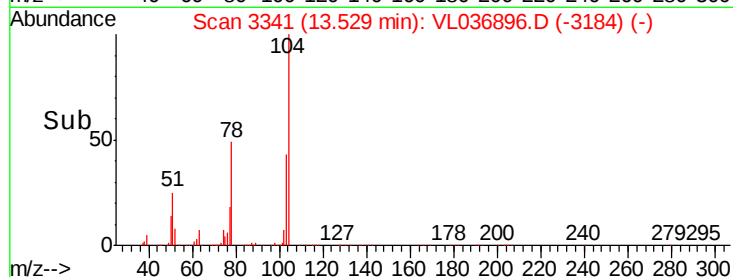
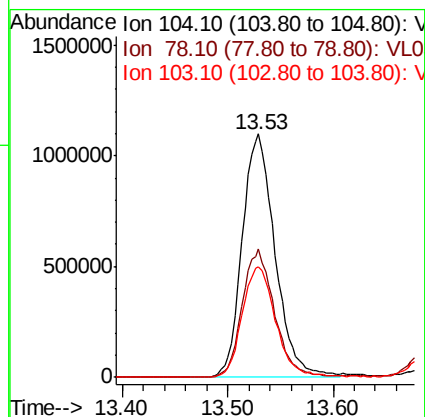
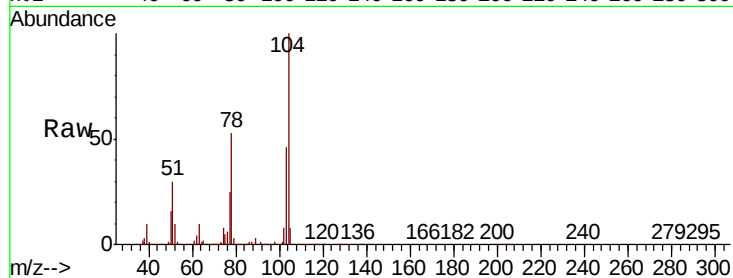




#61
Stvrene
Concen: 10.535 ppbv
RT: 13.53
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 6 May 2021 9:32

Tot Ion:104 Resp: 2385822

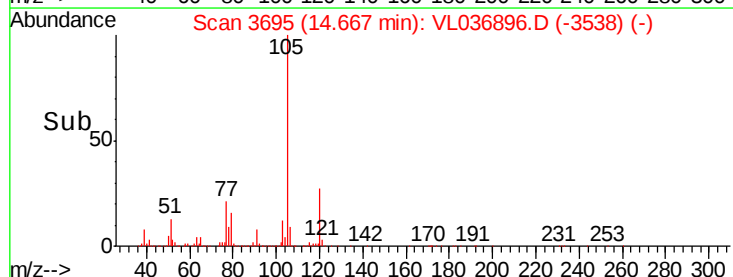
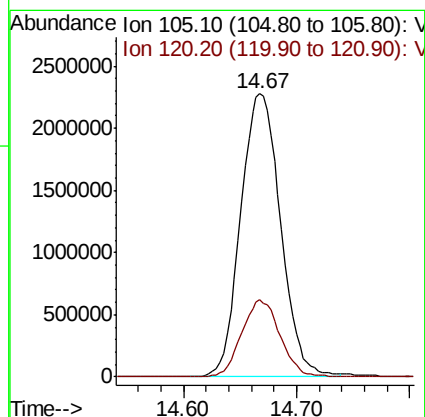
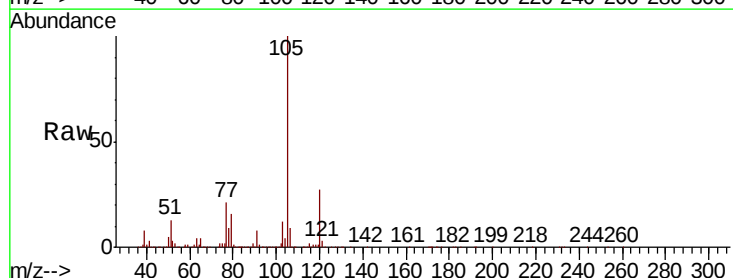
Ion	Ratio	Lower	Upper
104	100		
78	52.1	42.6	64.0
103	46.5	38.1	57.1

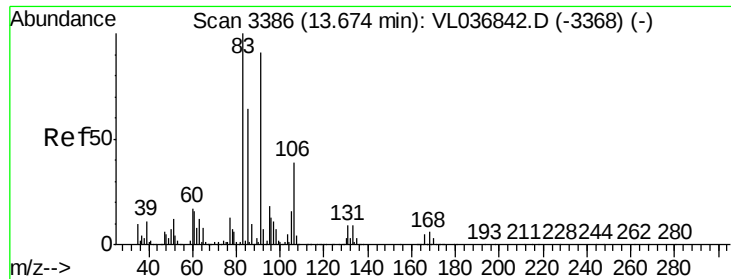


#62
Isopropylbenzene
Concen: 8.515 ppbv
RT: 14.67 min Scan# 3695
Delta R.T.: 0.00 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion:105 Resp: 5586446

Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.1	31.7

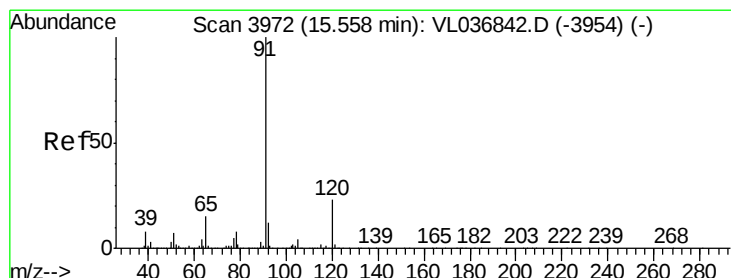
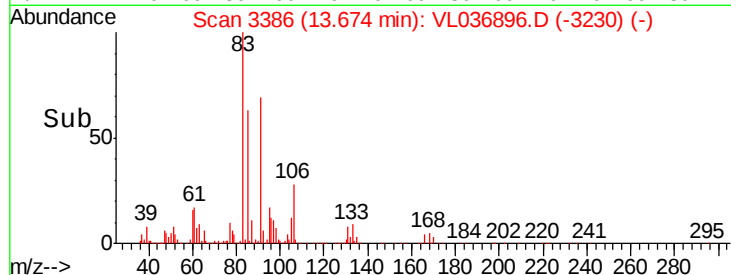
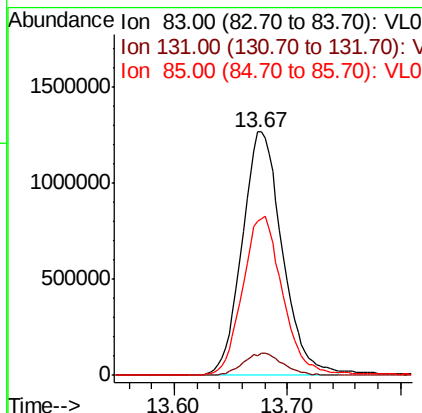
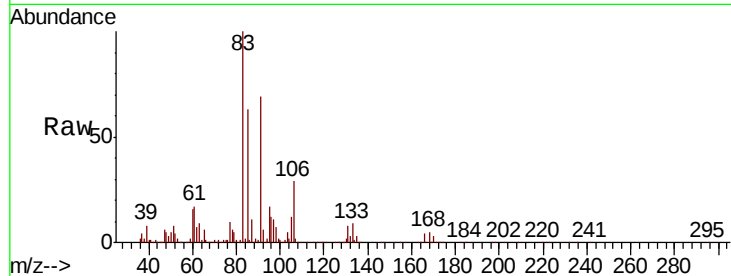




#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.057 ppbv
 RT: 13.67 min
 Delta R.T. 0.00 min
 Lab File: VL036842.D
 Acq: 6 May 2021 9:32

Tot Ion: 83 Resp: 3114729

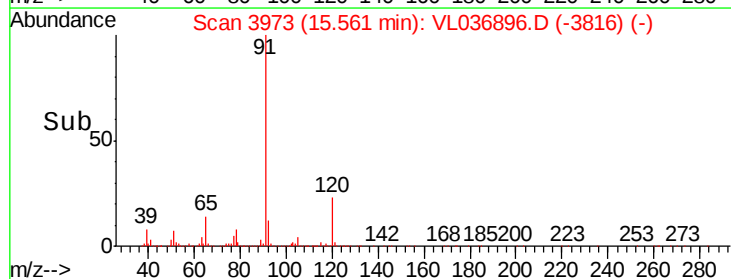
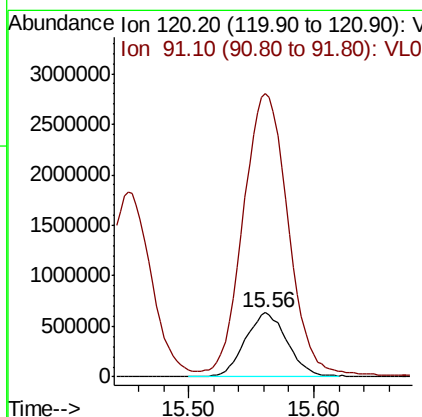
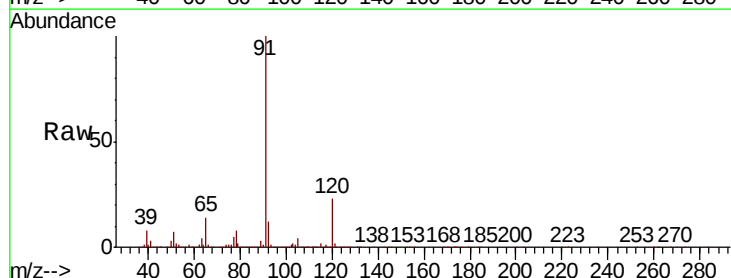
Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.8	14.3
85	66.1	32.8	98.4

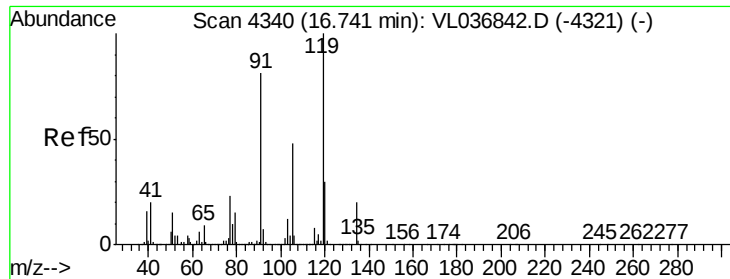


#64
 n-propylbenzene
 Concen: 9.078 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. 0.00 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion: 120 Resp: 1484385

Ion	Ratio	Lower	Upper
120	100		
91	477.6	378.6	567.8

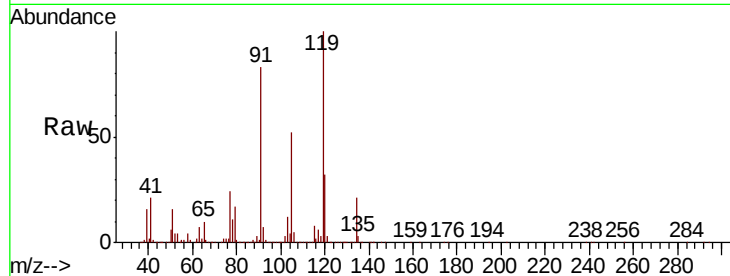




#65
tert-Butylbenzene
Concen: 8.572 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 6 May 2021 9:32

Tot Ion: 119 Resp: 4972419

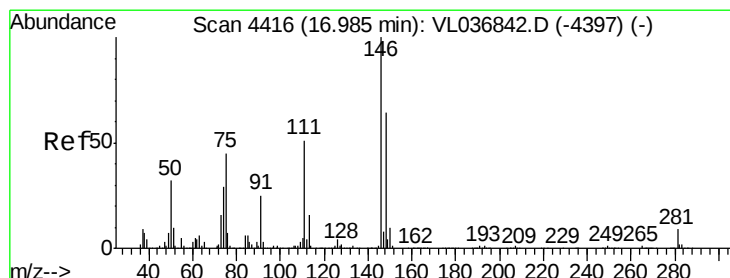
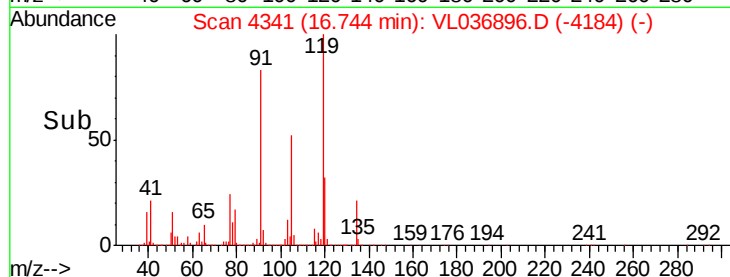
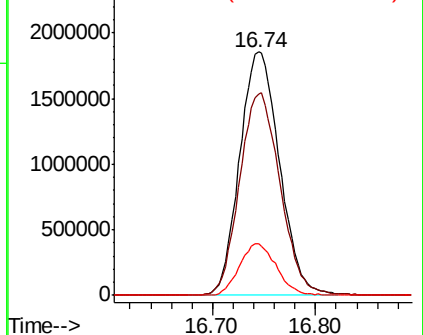
Ion	Ratio	Lower	Upper
119	100		
91	85.0	67.0	100.6
134	19.8	15.8	23.6



Abundance Ion 119.20 (118.90 to 119.90): V

2500000 Ion 91.10 (90.80 to 91.80): VL0

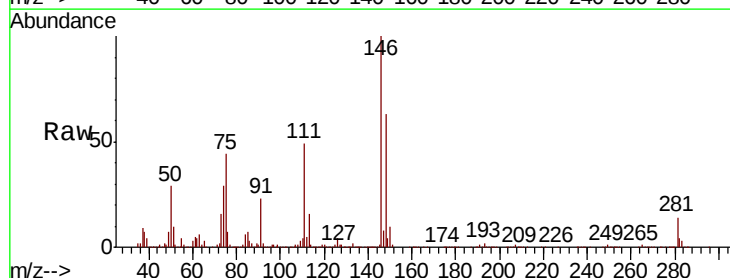
2000000 Ion 134.20 (133.90 to 134.90): V



#66
Benzyl Chloride
Concen: 8.788 ppbv
RT: 16.99 min Scan# 4417
Delta R.T.: 0.00 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 91 Resp: 498450

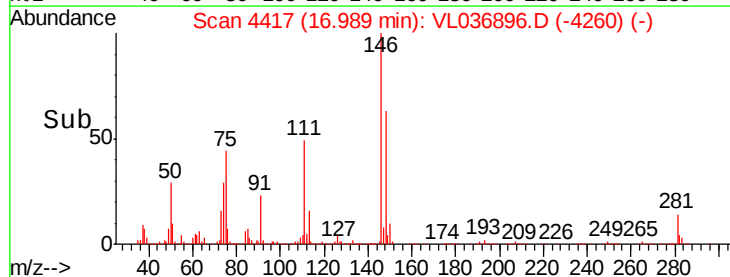
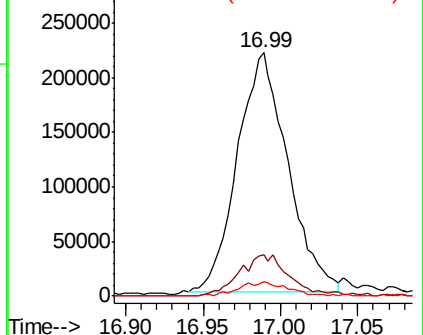
Ion	Ratio	Lower	Upper
91	100		
126	17.6	14.1	21.1
128	6.0	4.8	7.2

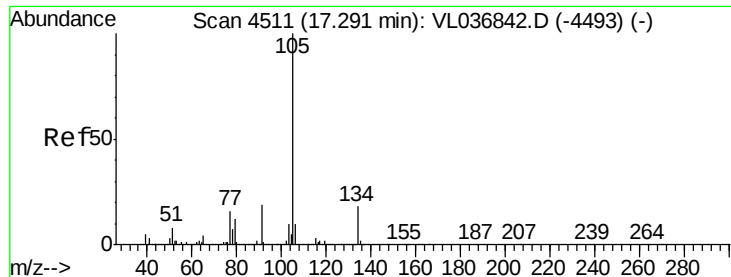


Abundance Ion 91.10 (90.80 to 91.80): VL0

300000 Ion 126.10 (125.80 to 126.80): V

250000 Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 8.694 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

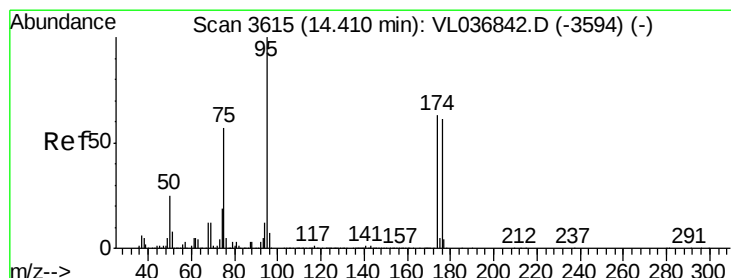
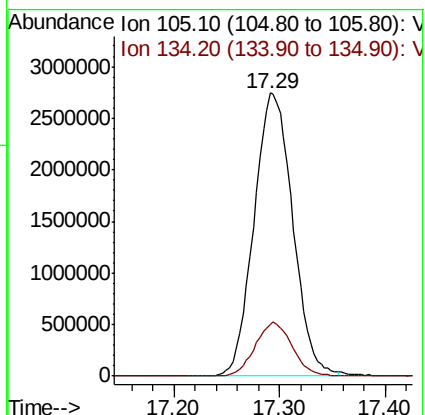
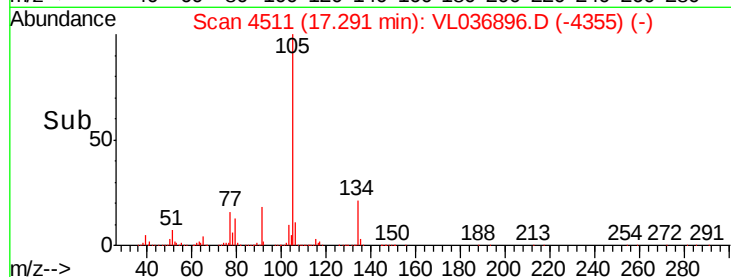
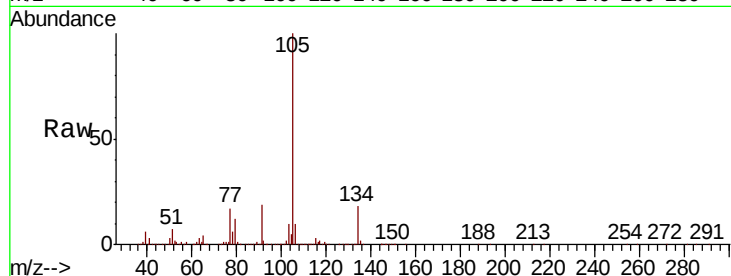
Acq: 6 May 2021 9:32

Tot Ion: 105 Resp: 7002912

Ion Ratio Lower Upper

105 100

134 18.4 14.8 22.2



#68

1-Bromo-4-Fluorobenzene

Concen: 8.377 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.01 min

Lab File: VL036896.D

Acq: 6 May 2021 9:32

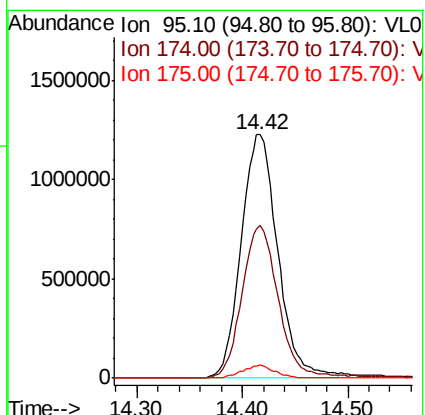
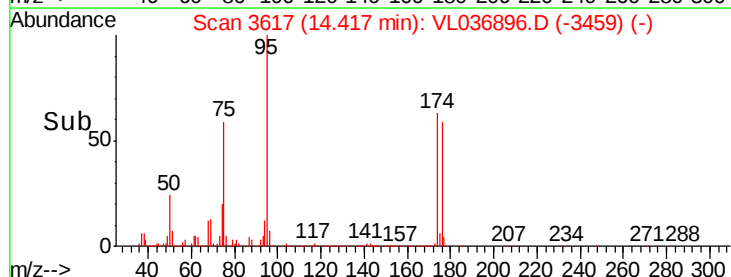
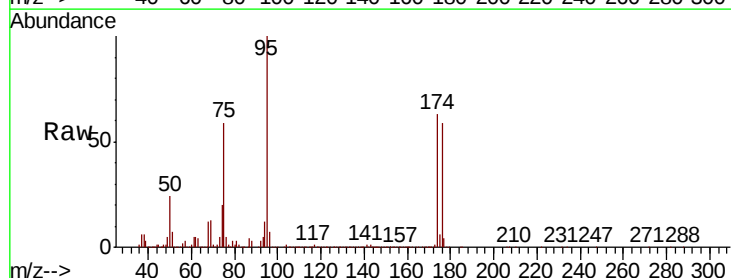
Tgt Ion: 95 Resp: 2958257

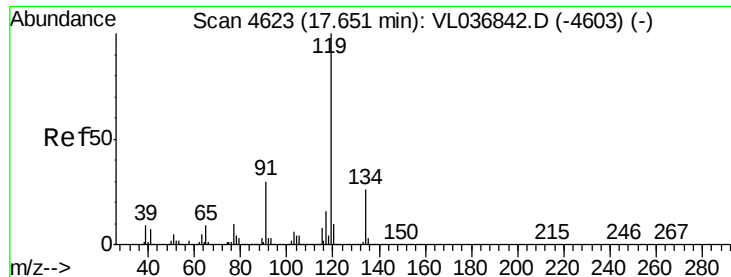
Ion Ratio Lower Upper

95 100

174 63.6 52.2 78.2

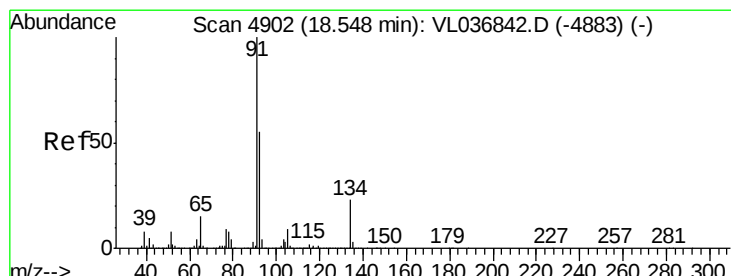
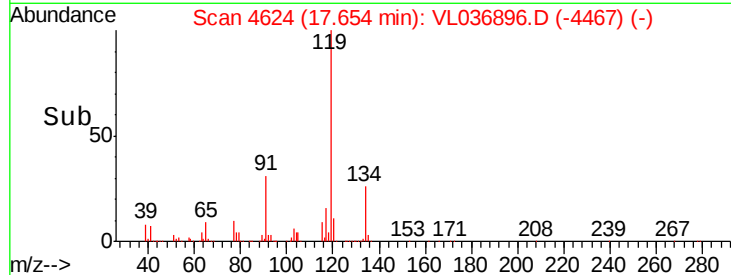
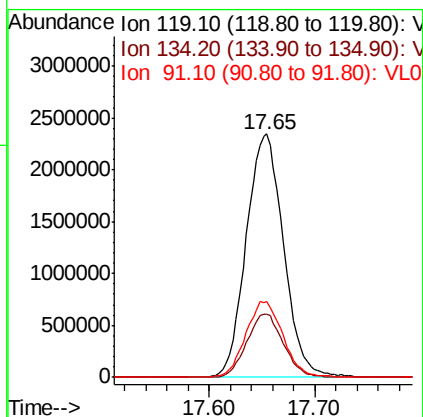
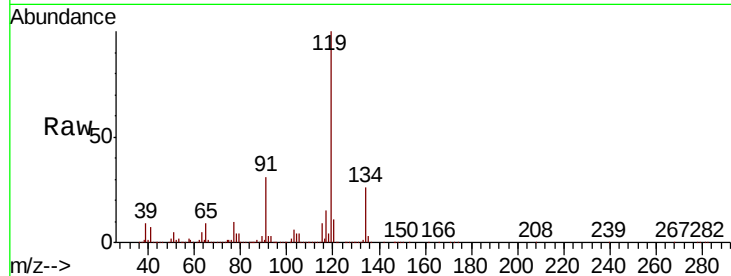
175 4.8 4.0 6.0





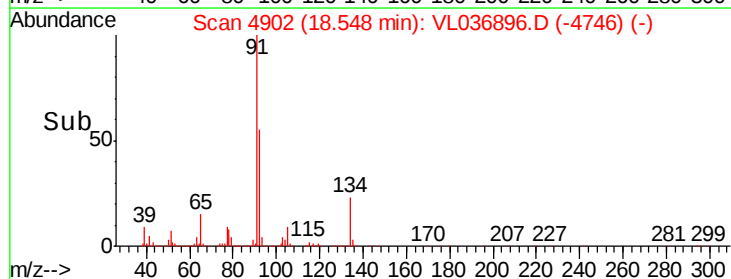
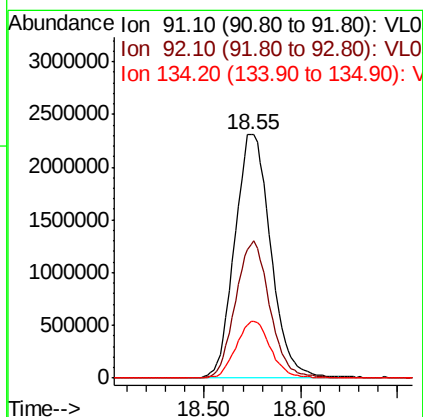
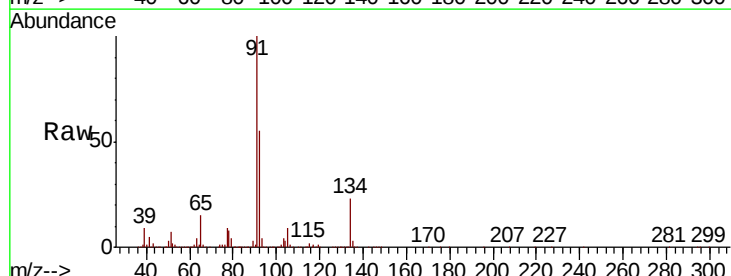
#69
 p-Isopropyltoluene
 Concen: 8.923 ppbv
 RT: 17.65 min
 Delta R.T. 0.00 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

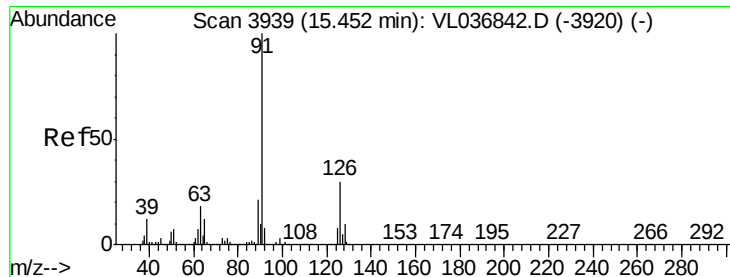
Tot Ion: 119 Resp: 5762277
 Ion Ratio Lower Upper
 119 100
 134 25.7 20.6 31.0
 91 30.9 24.2 36.4



#70
 n-Butylbenzene
 Concen: 9.160 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. 0.00 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

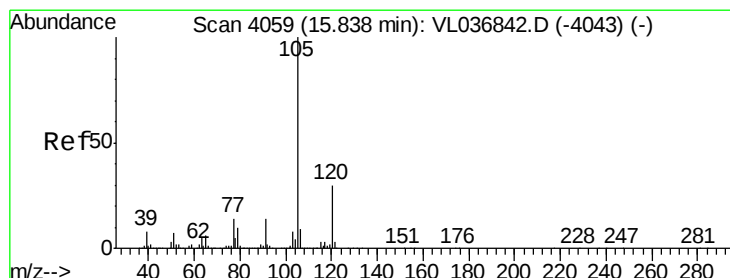
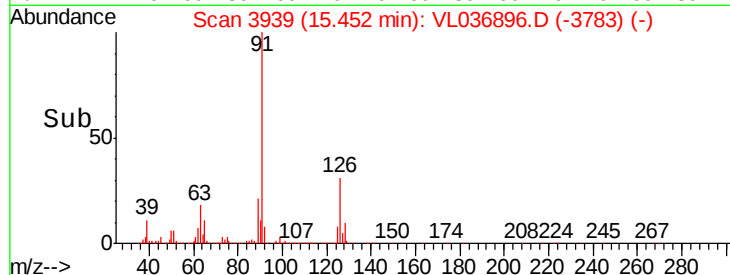
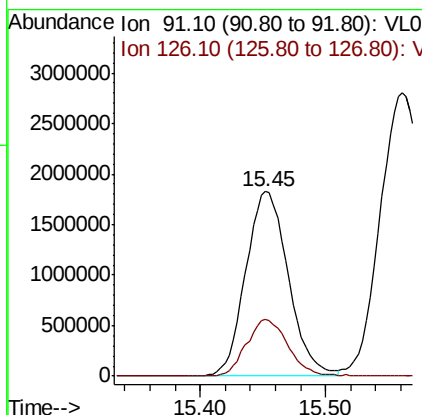
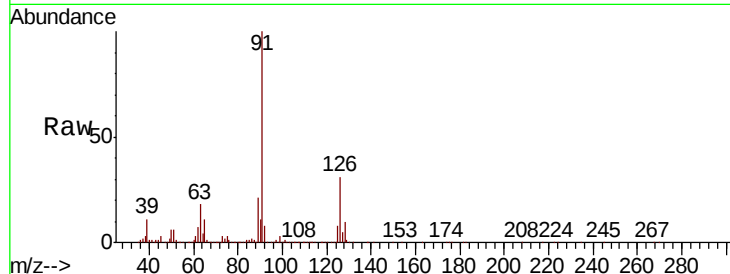
Tgt Ion: 91 Resp: 5962469
 Ion Ratio Lower Upper
 91 100
 92 53.9 43.5 65.3
 134 22.5 18.2 27.4





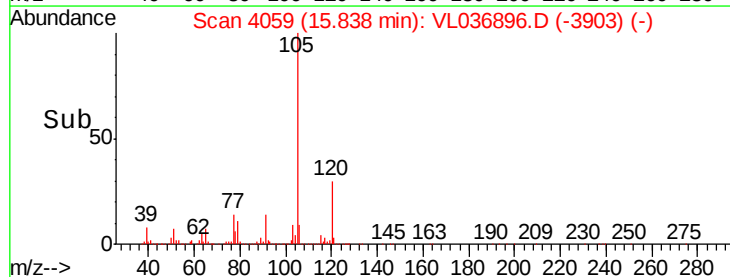
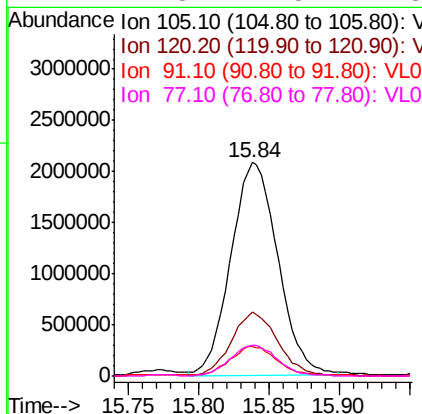
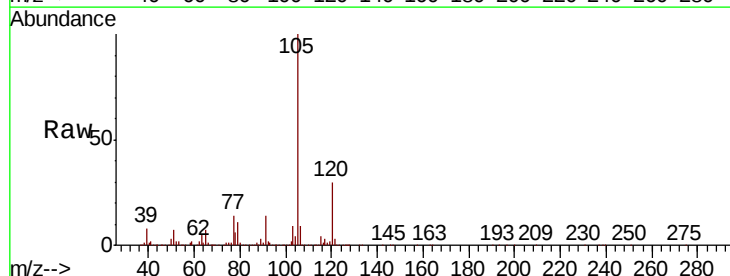
#71
 2-Chlorotoluene
 Concen: 8.906 ppbv
 RT: 15.45 min
 Delta R.T. 0.00 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

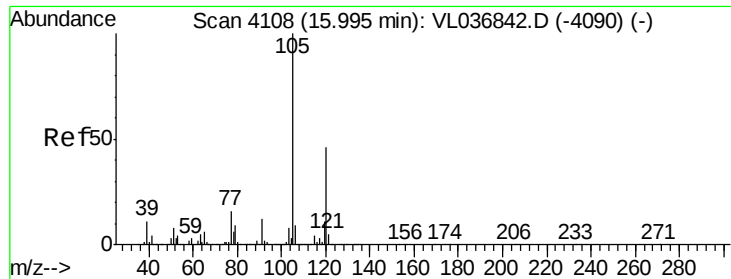
Tot Ion: 91 Resp: 4327586
 Ion Ratio Lower Upper
 91 100
 126 30.9 12.3 49.3



#72
 4-Ethyltoluene
 Concen: 9.385 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. 0.00 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion: 105 Resp: 4857371
 Ion Ratio Lower Upper
 105 100
 120 29.9 23.8 35.6
 91 14.0 10.7 16.1
 77 14.8 11.5 17.3





#73

1,3,5-Trimethylbenzene

Concen: 8.844 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDCCC010

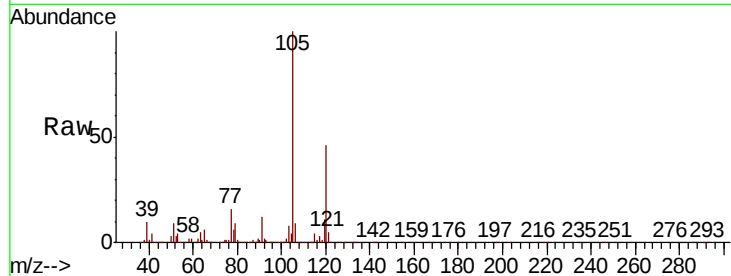
Acq: 6 May 2021 9:32

Tot Ion:105 Resp: 4439543

Ion Ratio Lower Upper

105 100

120 46.0 36.8 55.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

2000000

1500000

1000000

500000

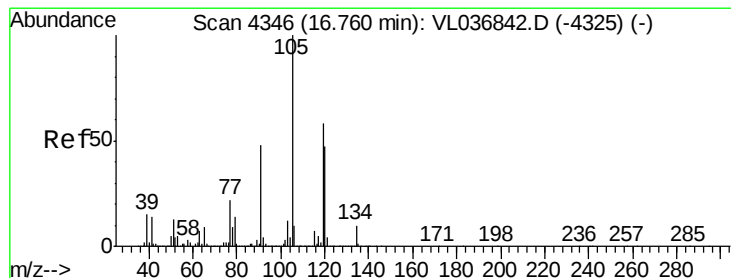
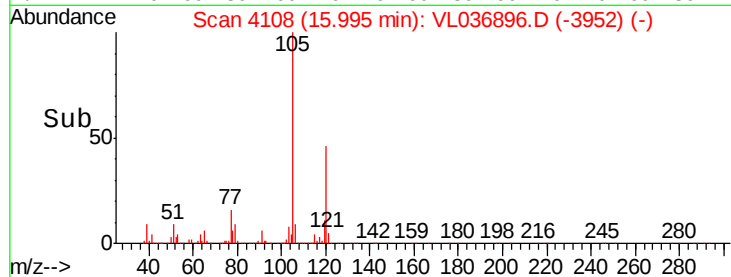
0

15.90

16.00

16.10

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 8.699 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.00 min

Lab File: VL036896.D

Acq: 6 May 2021 9:32

Tgt Ion:105 Resp: 4638534

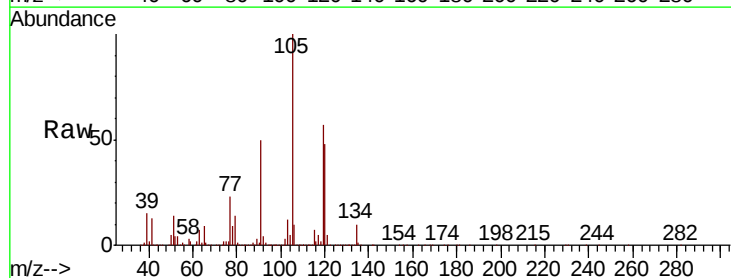
Ion Ratio Lower Upper

105 100

120 48.2 37.6 56.4

91 49.6 39.0 58.4

77 22.8 17.4 26.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

3000000

2500000

2000000

1500000

1000000

500000

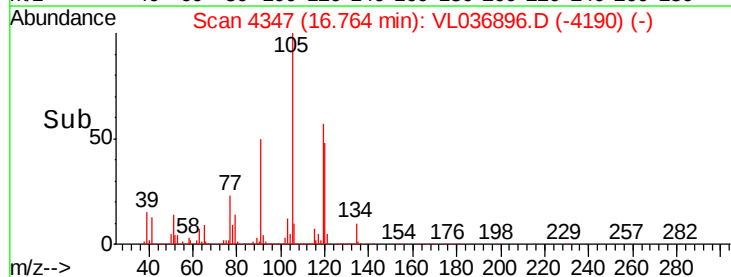
0

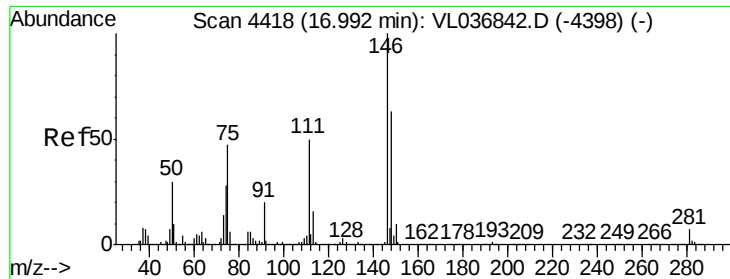
16.70

16.80

16.90

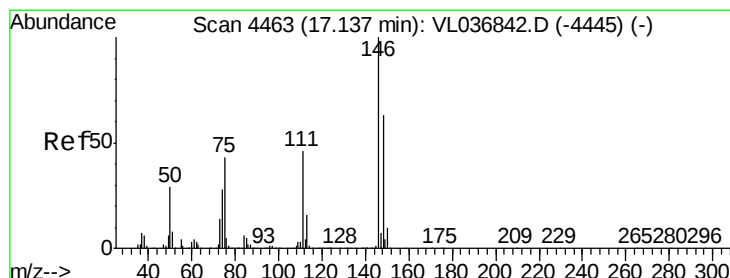
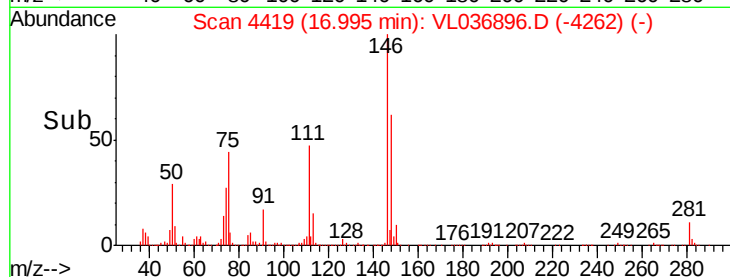
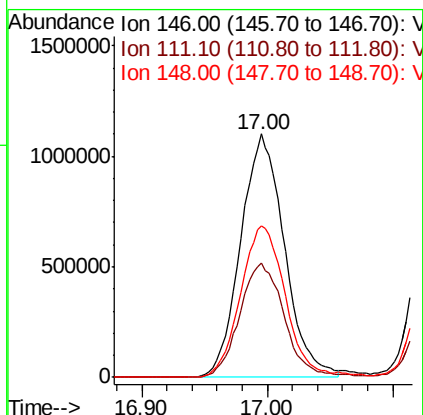
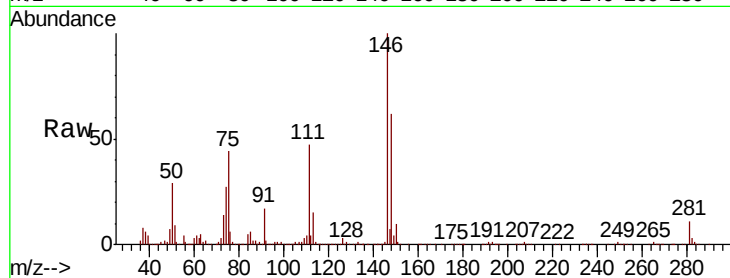
Time-->





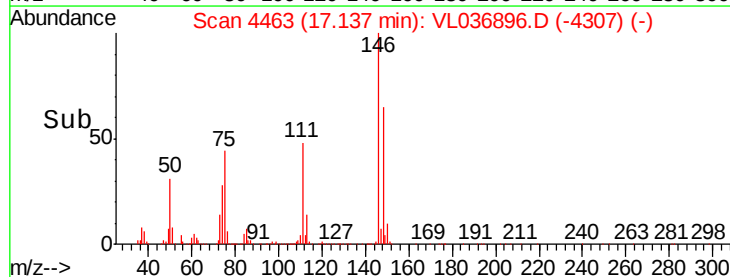
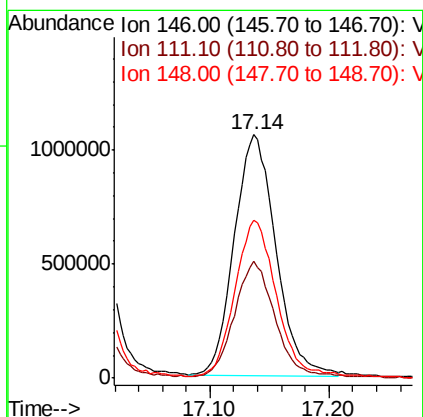
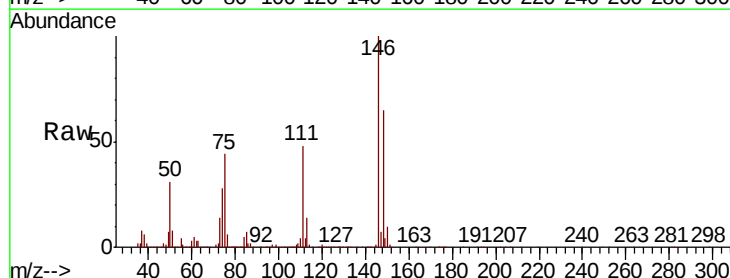
#75
 1,3-Dichlorobenzene
 Concen: 8.450 ppbv
 RT: 17.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 6 May 2021 9:32

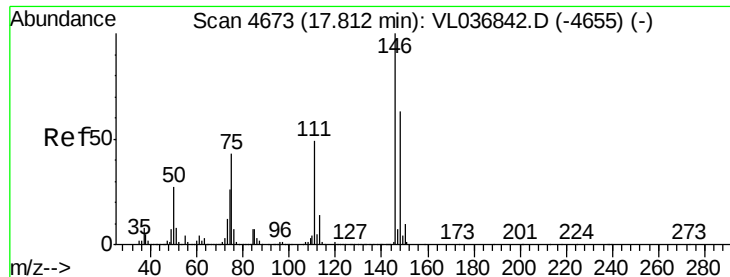
Tot Ion:146 Resp: 2663275
 Ion Ratio Lower Upper
 146 100
 111 48.3 24.2 72.6
 148 64.4 32.1 96.3



#76
 1,4-Dichlorobenzene
 Concen: 8.294 ppbv
 RT: 17.14 min Scan# 4463
 Delta R.T. 0.00 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

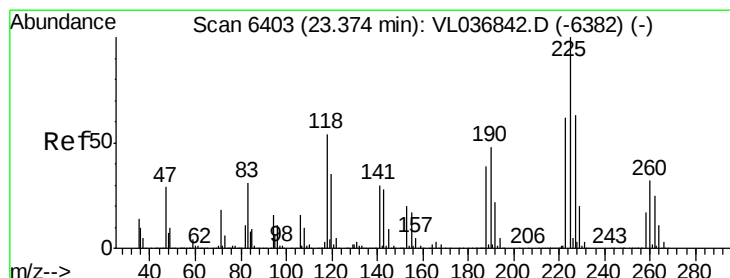
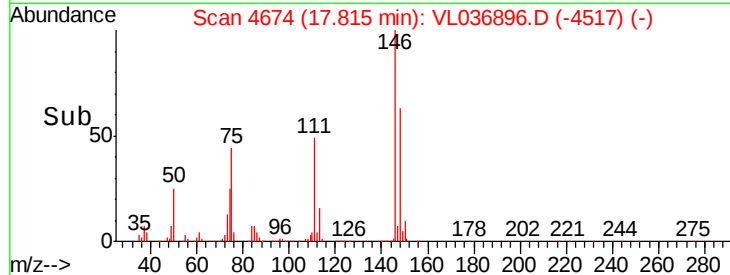
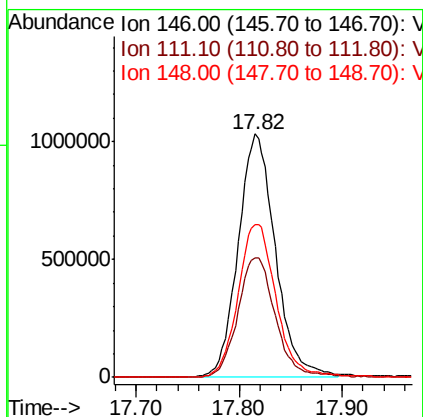
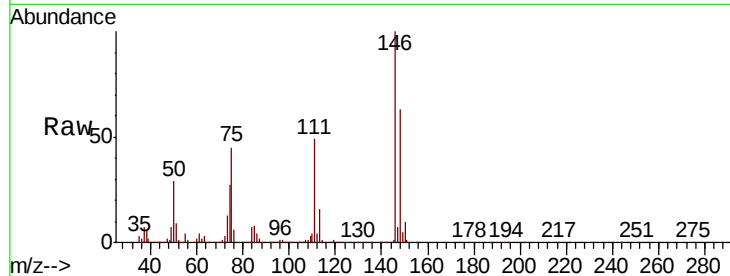
Tgt Ion:146 Resp: 2558217
 Ion Ratio Lower Upper
 146 100
 111 47.2 24.3 72.8
 148 66.2 32.4 97.0





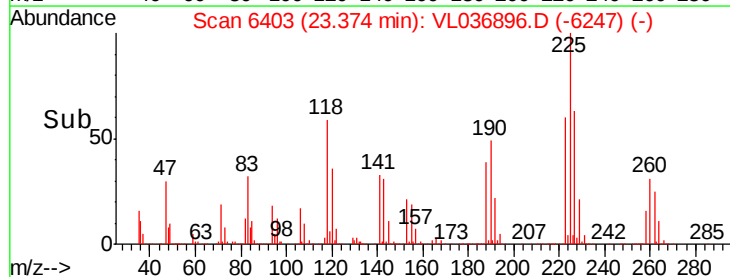
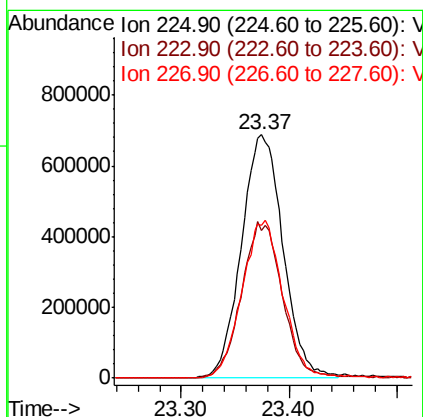
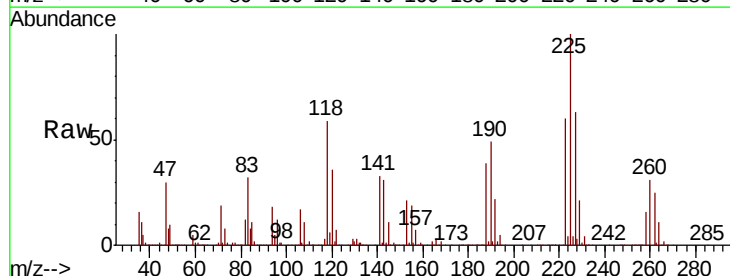
#77
 1,2-Dichlorobenzene
 Concen: 8.353 ppbv
 RT: 17.82 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010
 Acq: 6 May 2021 9:32

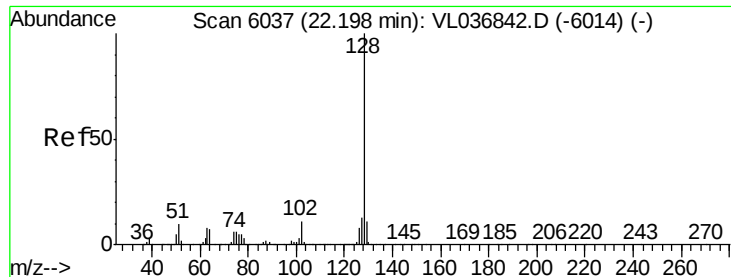
Tot Ion:146 Resp: 2571671
 Ion Ratio Lower Upper
 146 100
 111 50.2 25.0 75.0
 148 64.6 32.4 97.0



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.062 ppbv
 RT: 23.37 min Scan# 6403
 Delta R.T. 0.00 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion:225 Resp: 1847395
 Ion Ratio Lower Upper
 225 100
 223 63.7 51.2 76.8
 227 64.8 51.8 77.6

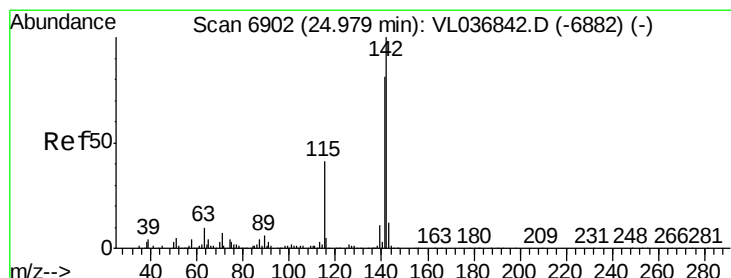
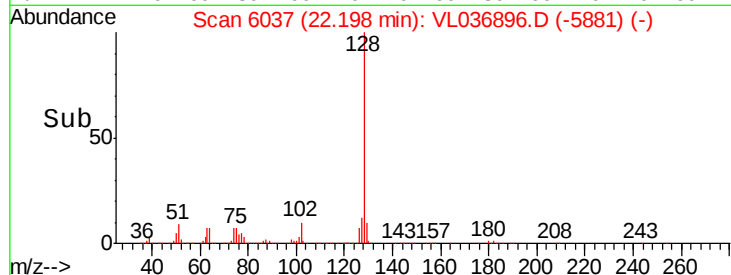
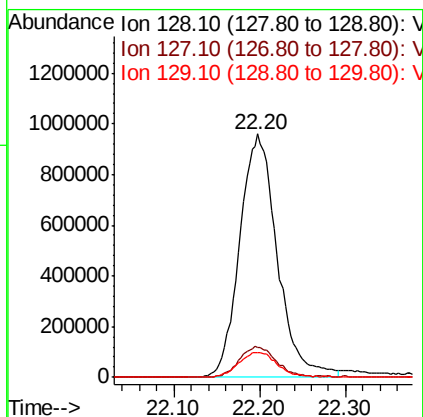
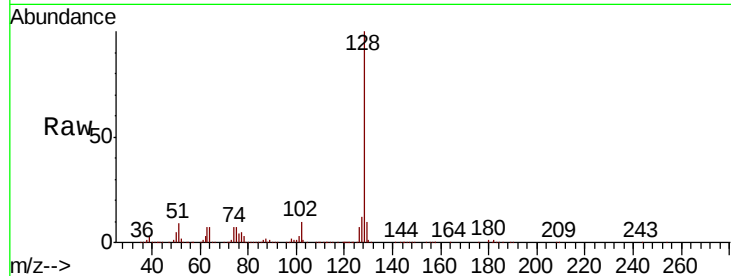




#79
Naphthalene
Concen: 9.734 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 6 May 2021 9:32

Tot Ion:128 Resp: 2906678

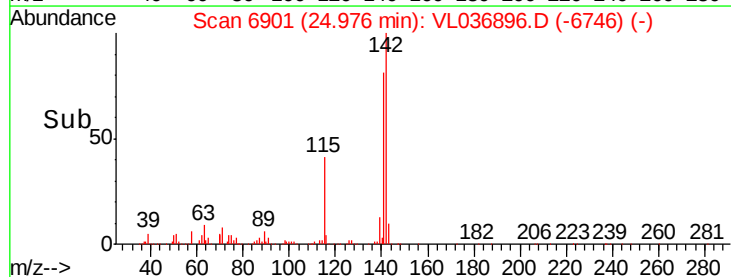
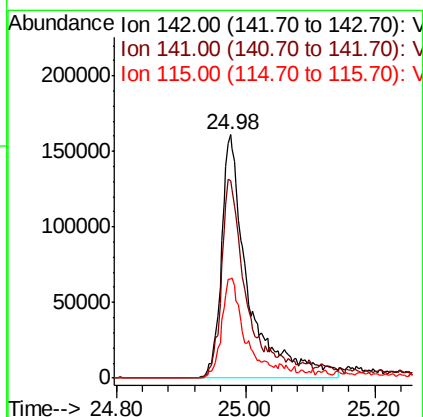
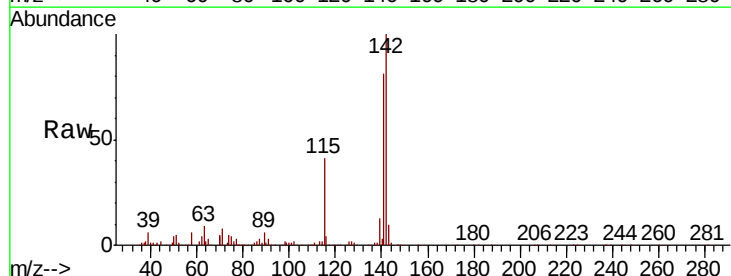
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.6	15.8
129	10.2	9.0	13.4

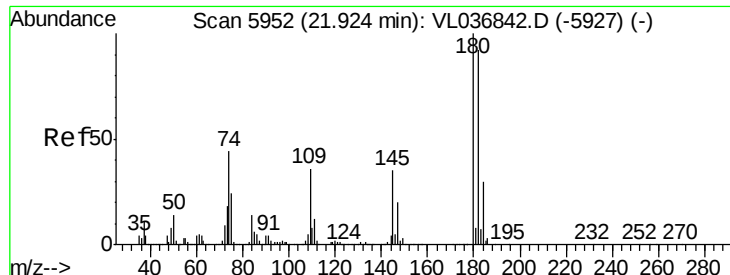


#80
Naphthalene, 2-methyl-
Concen: 14.217 ppbv
RT: 24.98 min Scan# 6901
Delta R.T.: -0.00 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion:142 Resp: 468176

Ion	Ratio	Lower	Upper
142	100		
141	83.6	62.6	93.8
115	39.2	32.0	48.0





#81

1,2,4-Trichlorobenzene

Concen: 8.696 ppbv

RT: 21.93

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 9:32

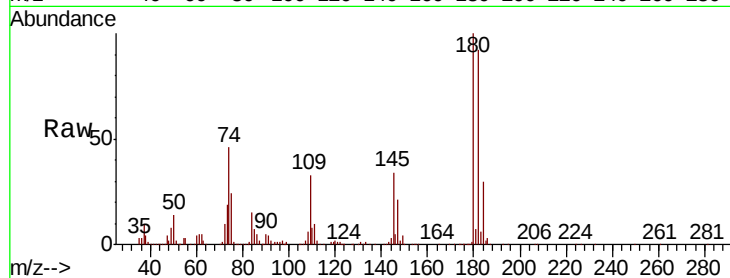
Tot Ion:180 Resp: 1679787

Ion Ratio Lower Upper

180 100

182 100.0 80.9 121.3

184 30.9 25.3 37.9



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

