

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
 Data File : VL038747.D
 Acq On : 24 Mar 2022 12:05
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Mar 25 01:11:13 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	871871	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	2473915	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	2796655	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1672993	7.80	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	78.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.06	85	1144920	9.77	ppbv	98
3) Chlorodifluoromethane	3.00	51	917774	9.97	ppbv	99
4) Chloromethane	3.15	50	474904	9.39	ppbv	99
5) Vinyl Chloride	3.27	62	476211	9.27	ppbv	96
6) Bromomethane	3.48	94	268176	9.79	ppbv	98
7) Chloroethane	3.56	64	162744	9.57	ppbv	100
8) Dichlorotetrafluoroethane	3.20	85	1106916	9.46	ppbv	93
9) Propene	3.02	41	436466	9.82	ppbv	99
10) Heptane	8.12	43	1060494	9.98	ppbv	99
11) Trichlorofluoromethane	3.96	101	996524	9.63	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	779682	9.79	ppbv	96
13) Ethanol	3.62	45	20337	4.15	ppbv	73
14) Bromoethene	3.74	108	358296	10.12	ppbv	98
15) Acetone	3.85	43	693161	9.21	ppbv	97
16) 1,3-Butadiene	3.34	39	417622	9.78	ppbv	99
17) tert-Butyl alcohol	4.29	59	772887	11.76	ppbv	100
18) 1,1-Dichloroethene	4.29	96	349356	9.77	ppbv	97
19) Isopropyl Alcohol	3.97	45	397755	9.54	ppbv #	1
20) Methylene Chloride	4.35	84	290664	9.17	ppbv	99
21) Allyl Chloride	4.42	41	556702	10.28	ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	392659	10.58	ppbv	98
23) Vinyl Acetate	5.08	43	548204	7.53	ppbv	98
24) 1,1-Dichloroethane	5.02	63	700099	9.76	ppbv	99
25) Ethyl Acetate	5.68	43	2053298	10.84	ppbv	99
26) Hexane	5.69	57	826963	9.75	ppbv	91
27) Carbon Disulfide	4.56	76	915973	11.01	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	697829	11.05	ppbv	100
29) Chloroform	5.76	83	1303331	9.60	ppbv	98
30) Cyclohexane	7.13	84	729080	9.89	ppbv	97
31) cis-1,2-Dichloroethene	5.56	61	811560	10.18	ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	1306411	9.97	ppbv	98
34) 2-Butanone	5.25	43	823346	8.41	ppbv	98
35) Carbon Tetrachloride	7.02	117	1366705	9.52	ppbv	98
36) Benzene	6.89	78	1793856	9.40	ppbv	99
37) 1,2-Dichloroethane	6.31	62	904829	9.32	ppbv	99
38) Trichloroethene	7.83	130	737080	9.22	ppbv	98
39) 1,2-Dichloropropane	7.62	63	676272	9.06	ppbv	96
40) 1,4-Dioxane	7.83	88	241868	9.33	ppbv	98
41) Tetrahydrofuran	6.05	42	701207	9.62	ppbv	99
42) Bromodichloromethane	7.79	83	1399646	9.61	ppbv	100
43) Methyl Methacrylate	8.01	69	766302	10.81	ppbv	98

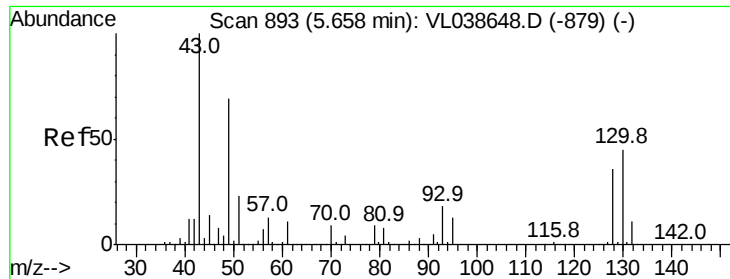
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
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Quant Time: Mar 25 01:11:13 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	2865366	8.94	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	838929	11.64	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1026297	10.53	ppbv	97
47) 1,1,2-Trichloroethane	9.48	97	736365	9.24	ppbv	99
48) Dibromochloromethane	10.30	129	1273993	10.21	ppbv	100
49) Bromoform	13.04	173	1067067	10.49	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	1724401	9.47	ppbv	99
51) 2-Hexanone	10.13	43	1342138	10.26	ppbv	99
52) Tetrachloroethene	11.22	164	679478	9.72	ppbv	98
53) Toluene	9.81	91	2040269	9.94	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1090867	10.03	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	920852	7.94	ppbv	98
57) Chlorobenzene	12.15	112	1495694	7.42	ppbv	97
58) Ethyl Benzene	12.71	91	2660732	8.14	ppbv	99
59) m/p-Xylene	13.00	91	2324625	8.13	ppbv #	35
60) o-Xylene	13.69	91	2084587	7.68	ppbv	99
61) Styrene	13.53	104	1310197	8.90	ppbv	99
62) Isopropylbenzene	14.67	105	3281365	8.04	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	1447494	6.88	ppbv	99
64) n-propylbenzene	15.56	120	892957	8.34	ppbv	97
65) tert-Butylbenzene	16.74	119	2882966	7.86	ppbv	99
66) Benzyl Chloride	16.99	91	656978	9.46	ppbv	100
67) sec-Butylbenzene	17.29	105	4125502	7.86	ppbv	99
69) p-Isopropyltoluene	17.65	119	3440249	8.04	ppbv	100
70) n-Butylbenzene	18.55	91	3460334	7.84	ppbv	100
71) 2-Chlorotoluene	15.45	91	2446848	8.08	ppbv	99
72) 4-Ethyltoluene	15.84	105	2603231	8.12	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	2246194	7.69	ppbv	97
74) 1,2,4-Trimethylbenzene	16.76	105	2363404	7.43	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	1509404	7.45	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1473123	7.31	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	1462473	7.28	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	1104837	5.95	ppbv	99
79) Naphthalene	22.19	128	2008656	8.26	ppbv	99
80) Naphthalene,2-methyl-	24.97	142	540884	8.30	ppbv	99
81) 1,2,4-Trichlorobenzene	21.92	180	1146559	6.89	ppbv	99

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



#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 12:05 VSTDCCC010EC

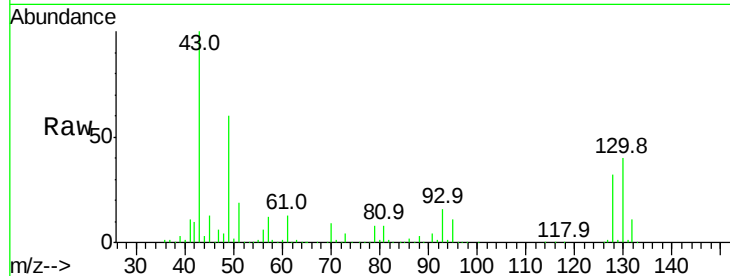
Tgt Ion: 49 Resp: 871871

Ion Ratio Lower Upper

49 100

128 56.4 26.2 78.6

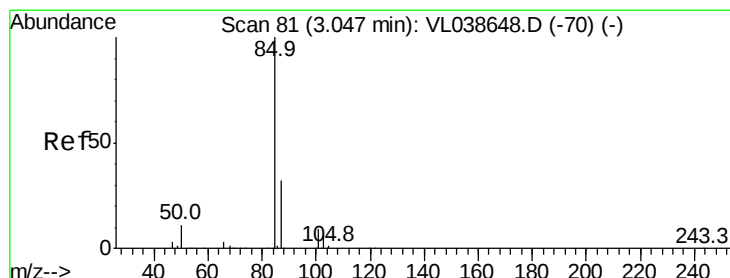
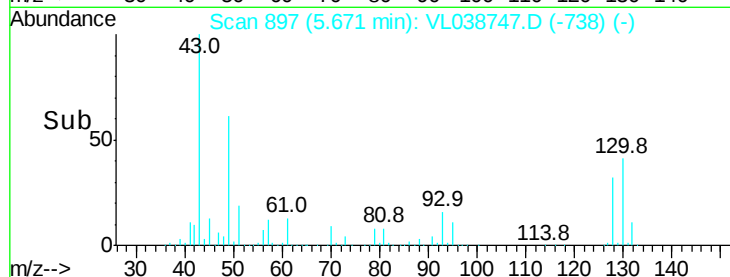
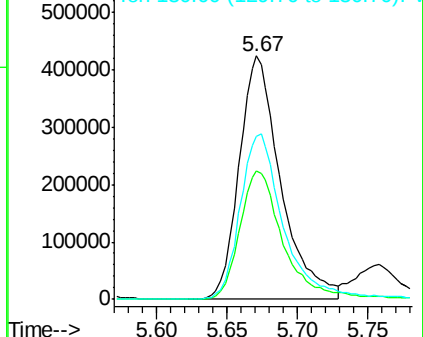
130 72.3 33.7 101.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 9.77 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.01 min

Lab File: VL038747.D

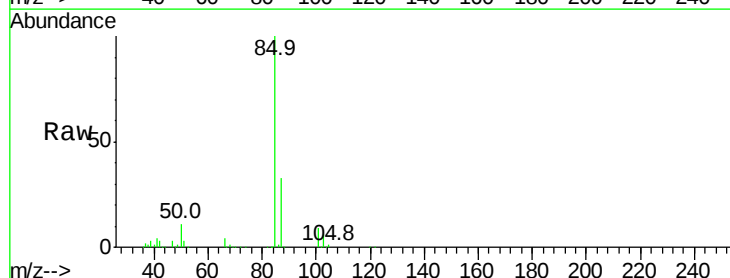
Acq: 24 Mar 2022 12:05

Tgt Ion: 85 Resp: 1144920

Ion Ratio Lower Upper

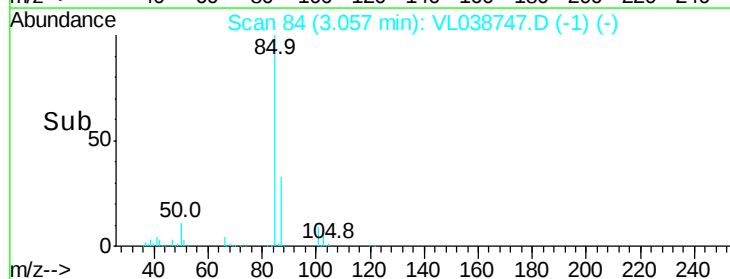
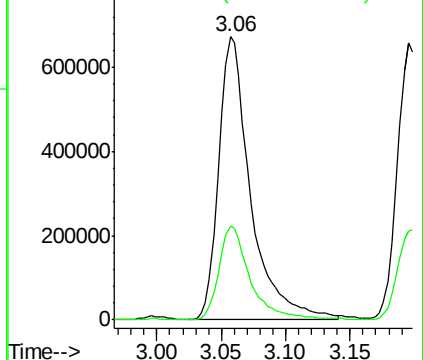
85 100

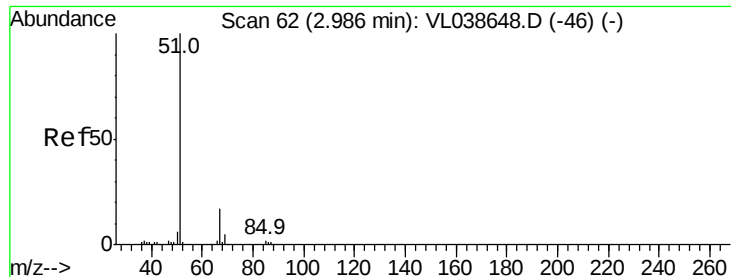
87 33.4 26.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.97 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDCCC010EC

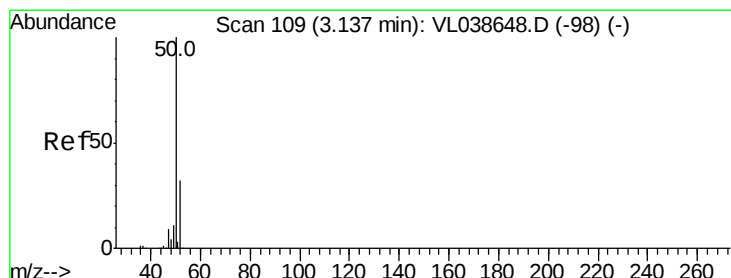
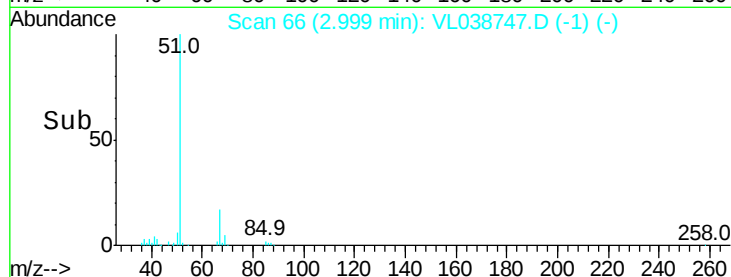
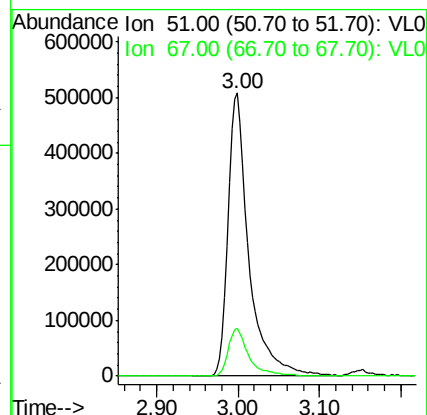
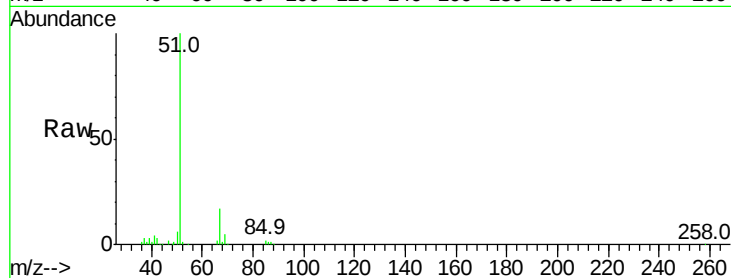
Acq: 24 Mar 2022 12:05

Tgt Ion: 51 Resp: 917774

Ion Ratio Lower Upper

51 100

67 17.0 14.1 21.1



#4

Chloromethane

Concen: 9.39 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL038747.D

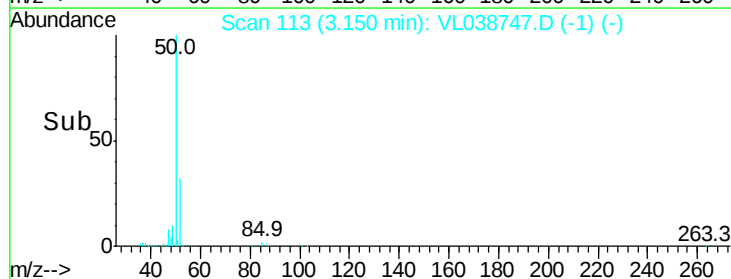
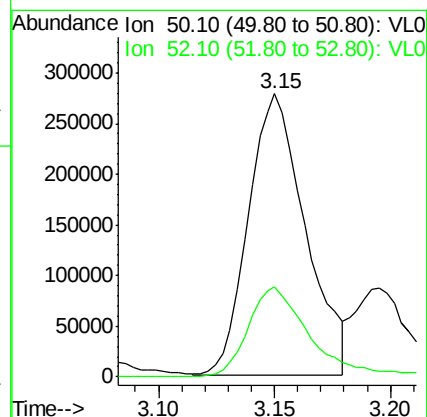
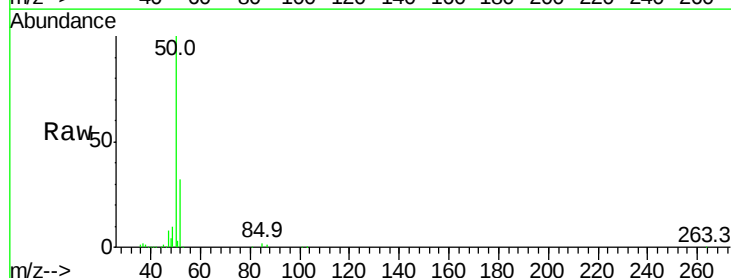
Acq: 24 Mar 2022 12:05

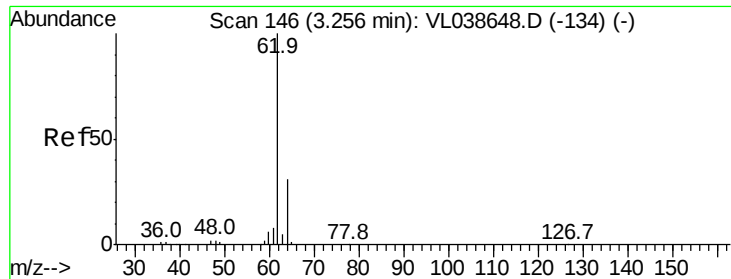
Tgt Ion: 50 Resp: 474904

Ion Ratio Lower Upper

50 100

52 32.3 25.5 38.3





#5

Vinyl Chloride

Concen: 9.27 ppbv

RT: 3.27 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

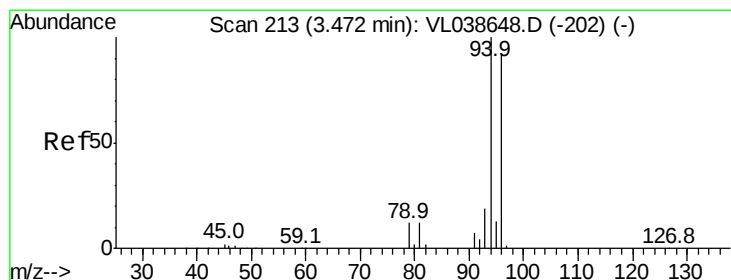
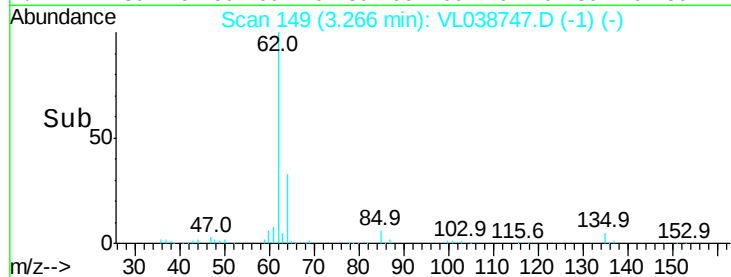
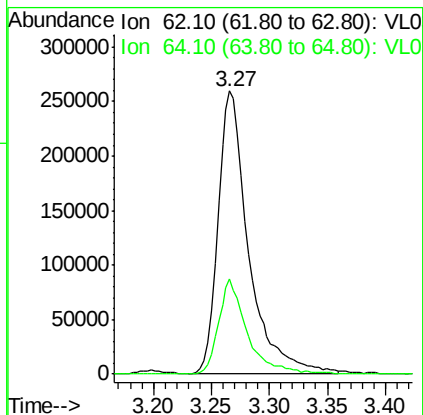
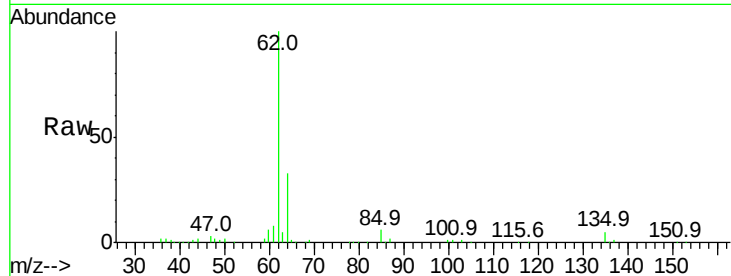
Acq: 24 Mar 2022 12:05

Tgt Ion: 62 Resp: 476211

Ion Ratio Lower Upper

62 100

64 33.6 25.0 37.4



#6

Bromomethane

Concen: 9.79 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL038747.D

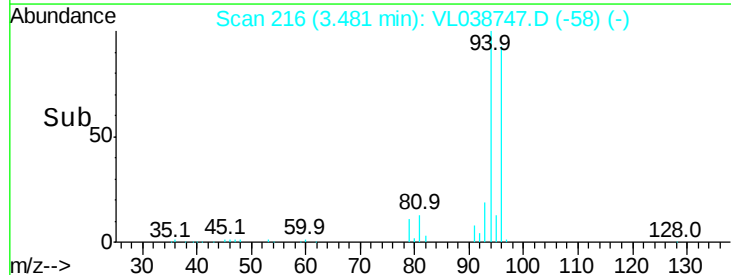
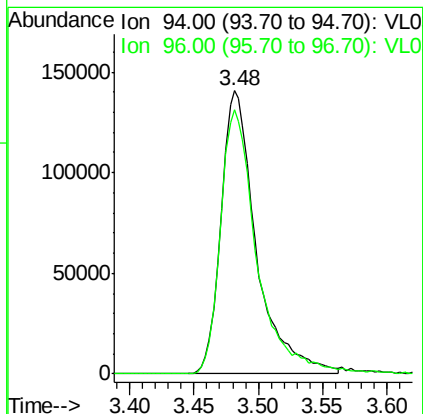
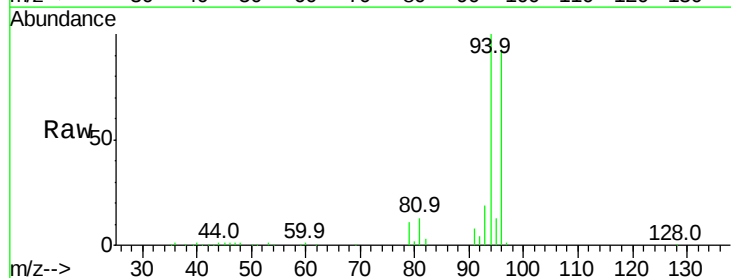
Acq: 24 Mar 2022 12:05

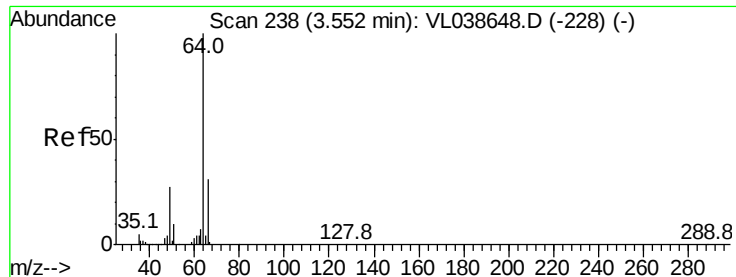
Tgt Ion: 94 Resp: 268176

Ion Ratio Lower Upper

94 100

96 93.4 73.3 109.9





#7

Chloroethane

Concen: 9.57 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

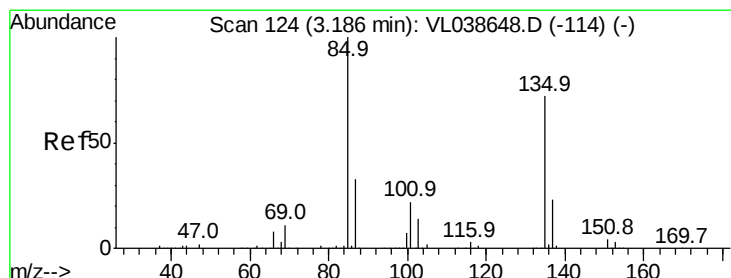
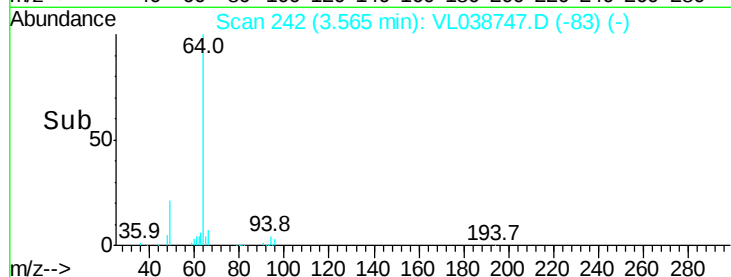
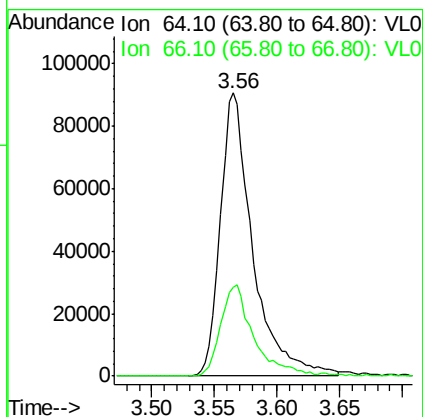
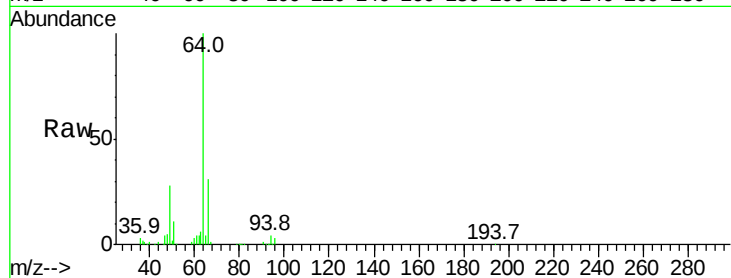
Acq: 24 Mar 2022 12:05 VSTDCCC010EC

Tgt Ion: 64 Resp: 162744

Ion Ratio Lower Upper

64 100

66 31.4 25.0 37.6



#8

Dichlorotetrafluoroethane

Concen: 9.46 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.01 min

Lab File: VL038747.D

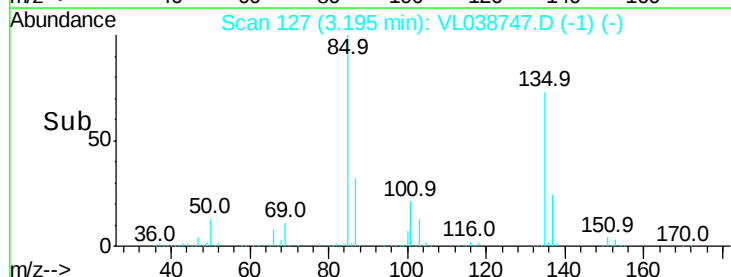
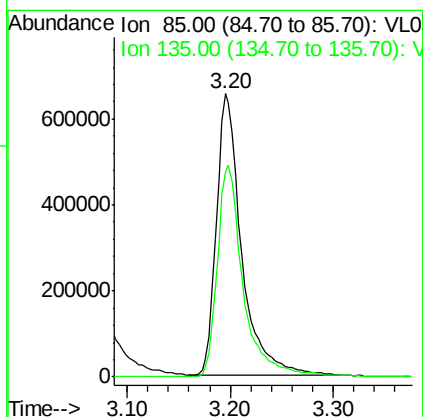
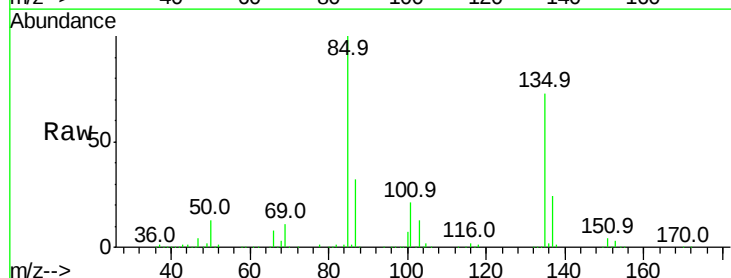
Acq: 24 Mar 2022 12:05

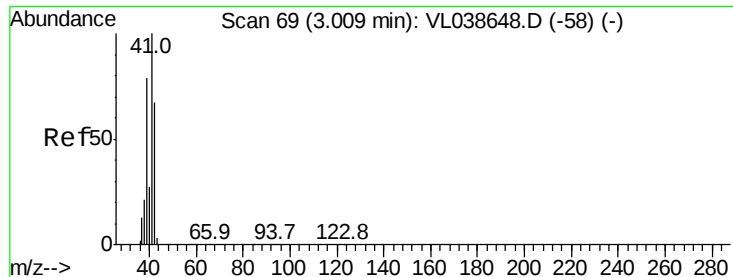
Tgt Ion: 85 Resp: 1106916

Ion Ratio Lower Upper

85 100

135 77.9 57.8 86.6





#9

Propene

Concen: 9.82 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

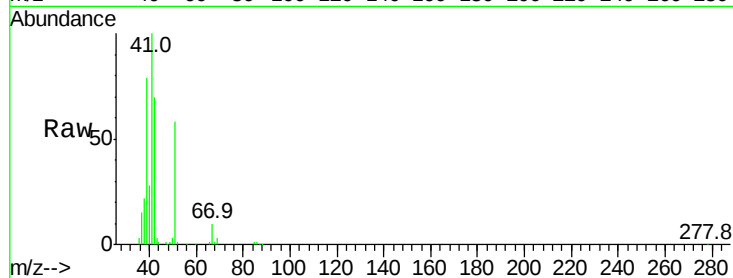
Acq: 24 Mar 2022 12:05 VSTDCCC010EC

Tgt Ion: 41 Resp: 436466

Ion Ratio Lower Upper

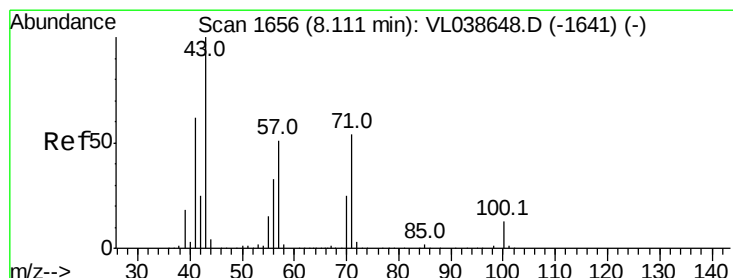
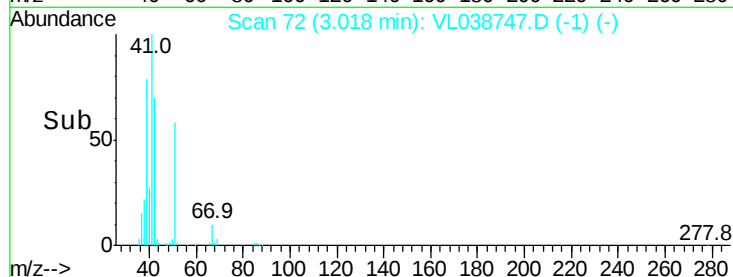
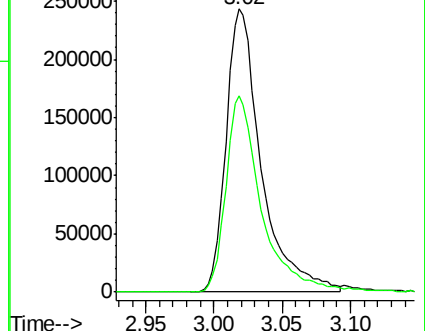
41 100

42 70.7 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 9.98 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VL038747.D

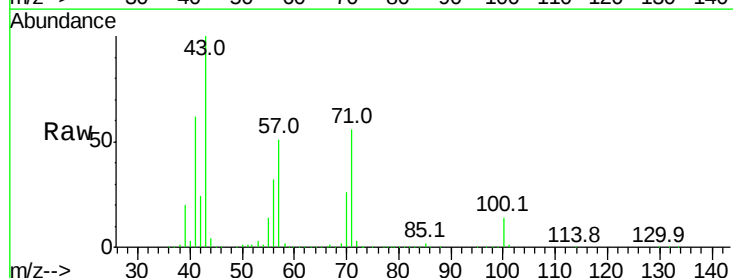
Acq: 24 Mar 2022 12:05

Tgt Ion: 43 Resp: 1060494

Ion Ratio Lower Upper

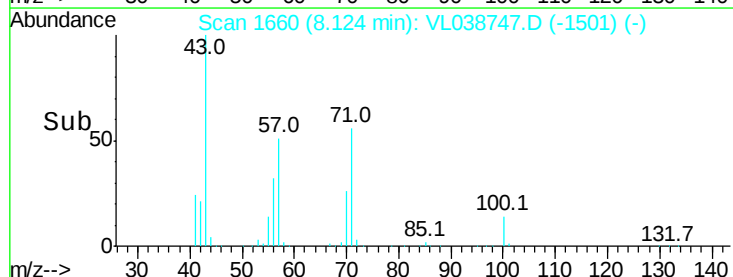
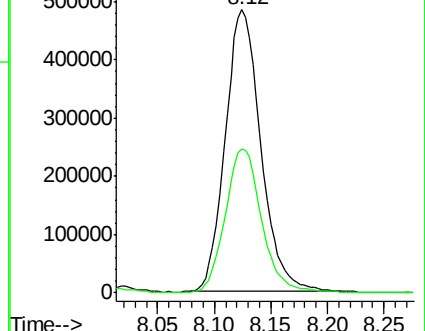
43 100

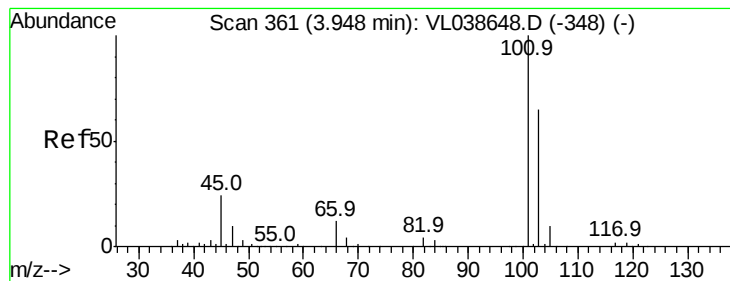
57 52.5 41.4 62.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#11

Trichlorofluoromethane

Concen: 9.63 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

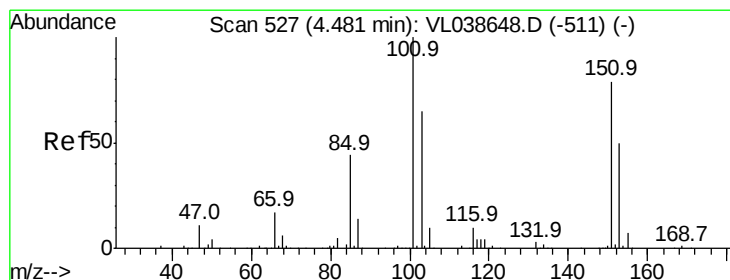
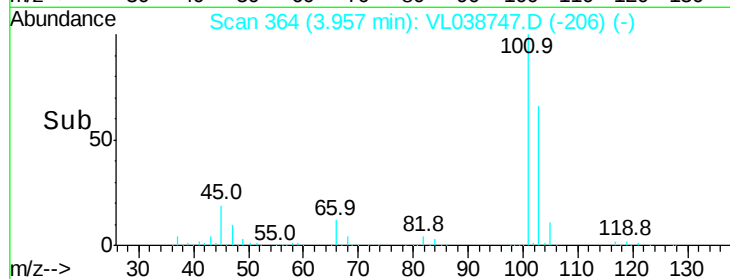
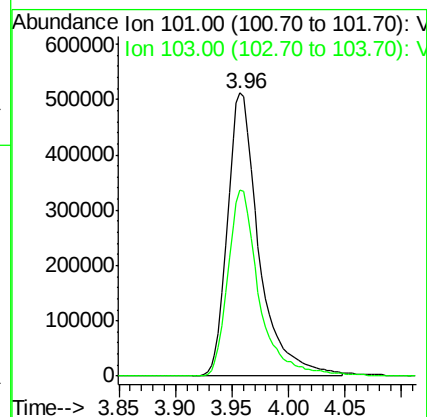
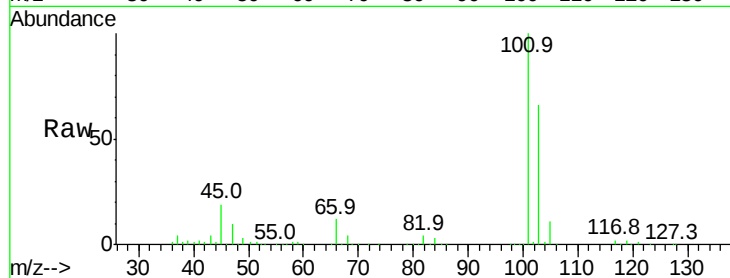
Acq: 24 Mar 2022 12:05 VSTDCCC010EC

Tgt Ion:101 Resp: 996524

Ion Ratio Lower Upper

101 100

103 65.8 51.9 77.9



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.79 ppbv

RT: 4.49 min Scan# 530

Delta R.T. 0.01 min

Lab File: VL038747.D

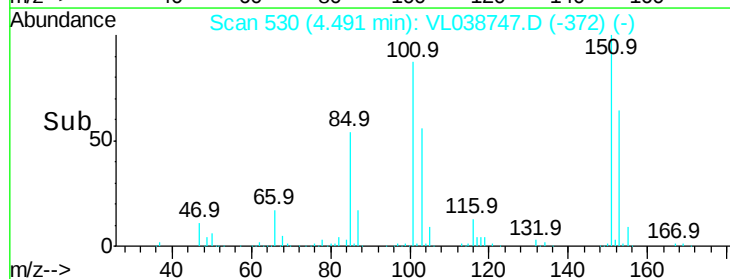
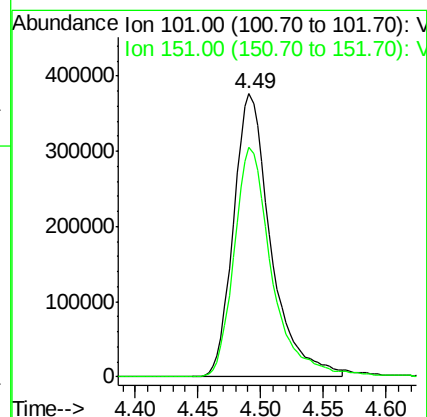
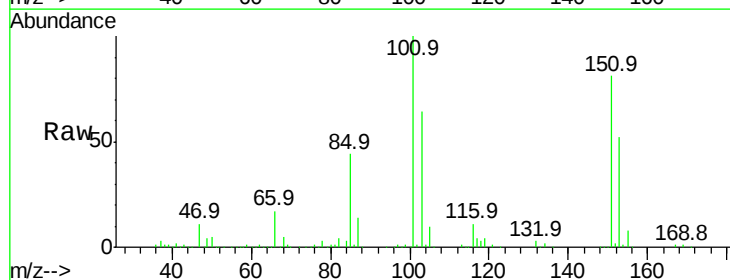
Acq: 24 Mar 2022 12:05

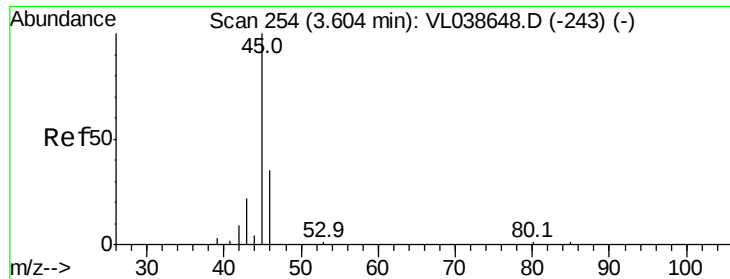
Tgt Ion:101 Resp: 779682

Ion Ratio Lower Upper

101 100

151 82.5 62.9 94.3





#13

Ethanol

Concen: 4.15 ppbv

RT: 3.62 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

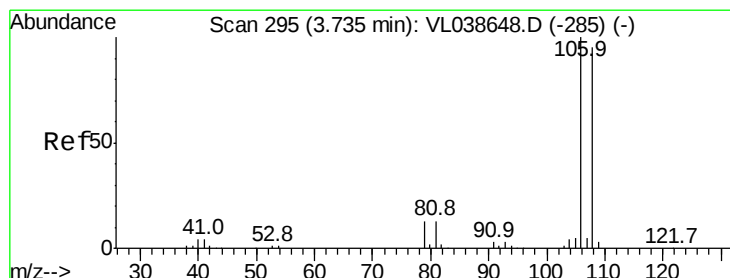
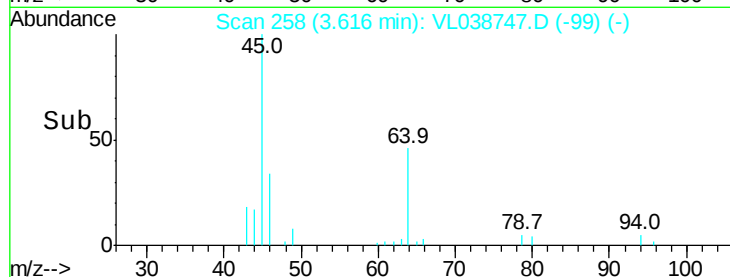
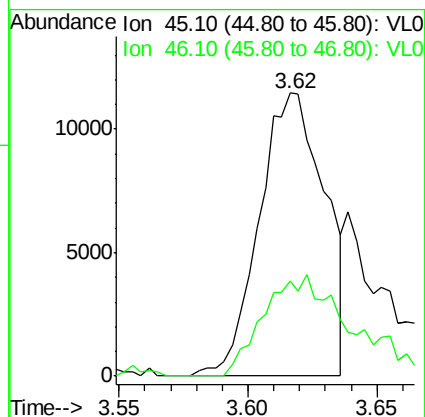
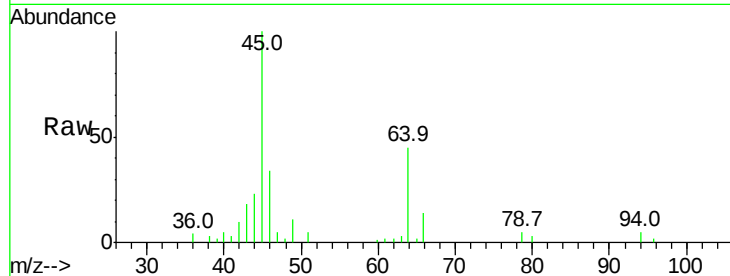
Acq: 24 Mar 2022 12:05 VSTDCCC010EC

Tgt Ion: 45 Resp: 20337

Ion Ratio Lower Upper

45 100

46 53.9 15.1 60.5



#14

Bromoethene

Concen: 10.12 ppbv

RT: 3.74 min Scan# 298

Delta R.T. 0.01 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

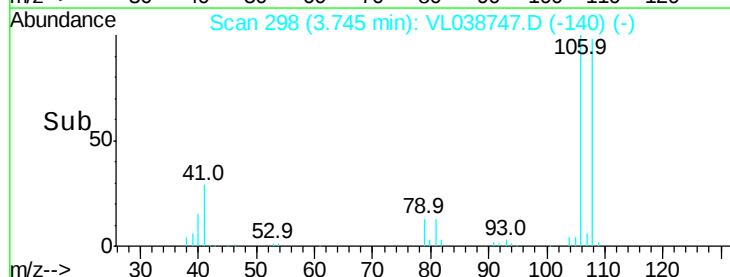
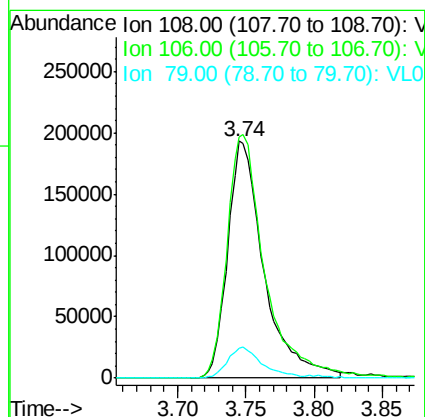
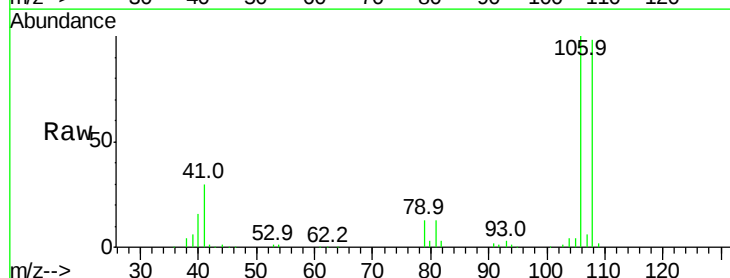
Tgt Ion: 108 Resp: 358296

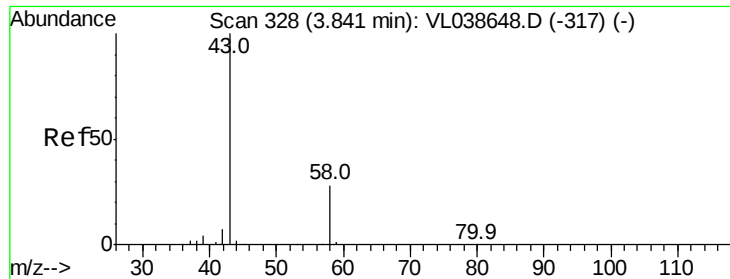
Ion Ratio Lower Upper

108 100

106 108.2 88.3 132.5

79 14.0 11.2 16.8





#15

Acetone

Concen: 9.21 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

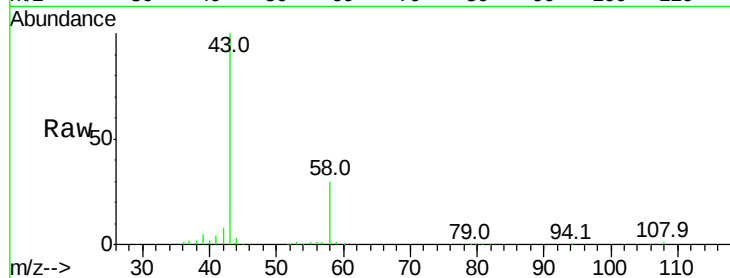
Acq: 24 Mar 2022 12:05 VSTDCCC010EC

Tgt Ion: 43 Resp: 693161

Ion Ratio Lower Upper

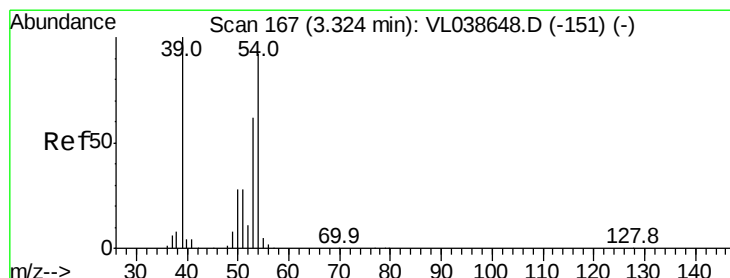
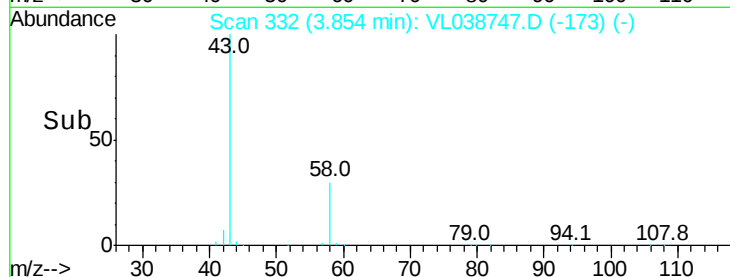
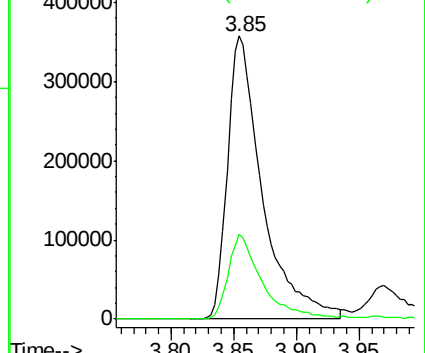
43 100

58 30.6 23.3 34.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 9.78 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.01 min

Lab File: VL038747.D

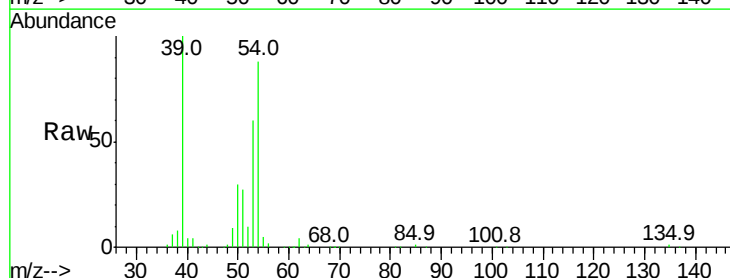
Acq: 24 Mar 2022 12:05

Tgt Ion: 39 Resp: 417622

Ion Ratio Lower Upper

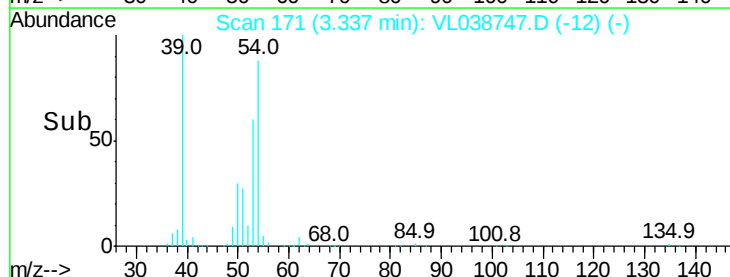
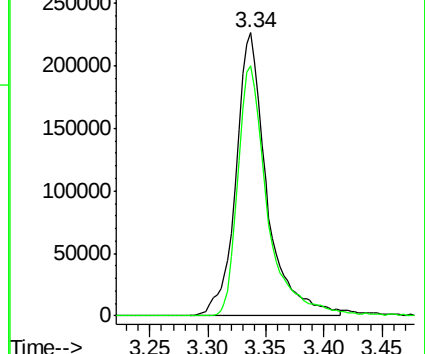
39 100

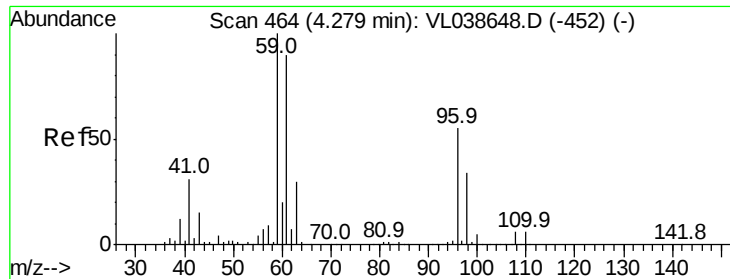
54 85.4 69.1 103.7



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 11.76 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VSTDCCC010EC

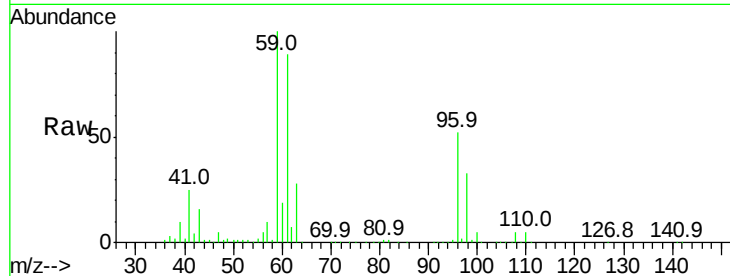
Acq: 24 Mar 2022 12:05

Tgt Ion: 59 Resp: 772887

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.2



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

400000

300000

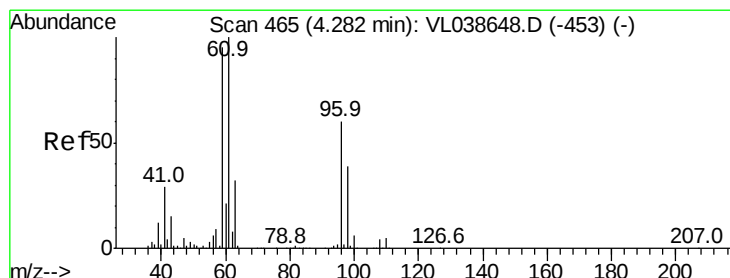
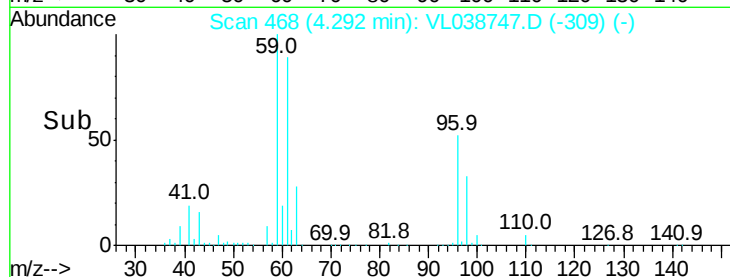
200000

100000

0

4.20 4.30 4.40

Time-->



#18

1,1-Dichloroethene

Concen: 9.77 ppbv

RT: 4.29 min Scan# 469

Delta R.T. 0.01 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

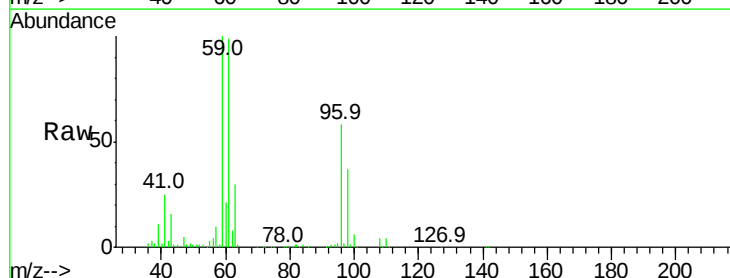
Tgt Ion: 96 Resp: 349356

Ion Ratio Lower Upper

96 100

61 169.7 132.4 198.6

98 63.5 51.6 77.4



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

400000

300000

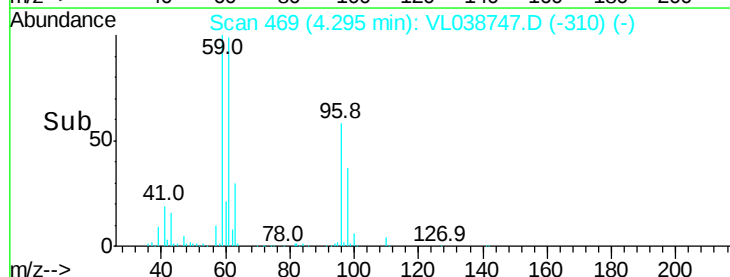
200000

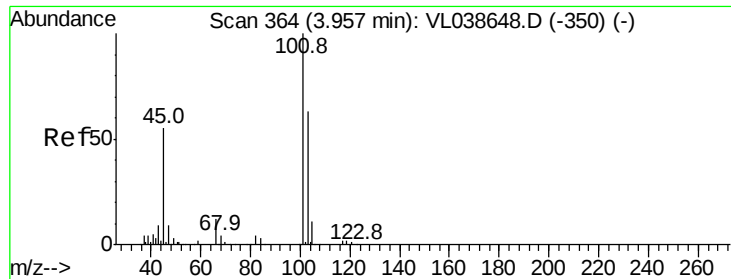
100000

0

4.25 4.30 4.35

Time-->





#19

Isopropyl Alcohol

Concen: 9.54 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

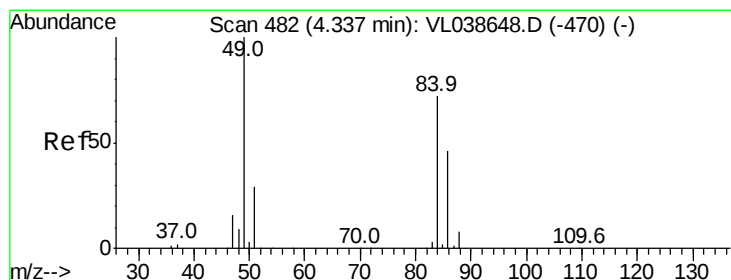
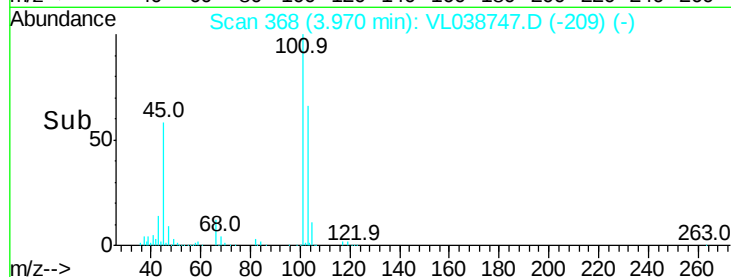
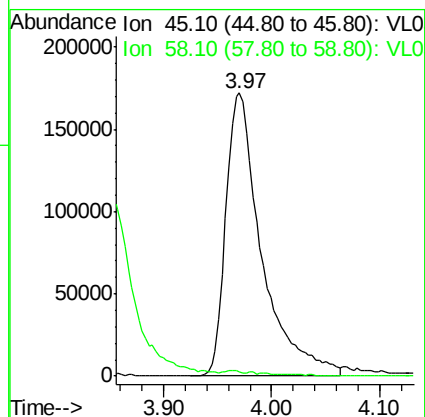
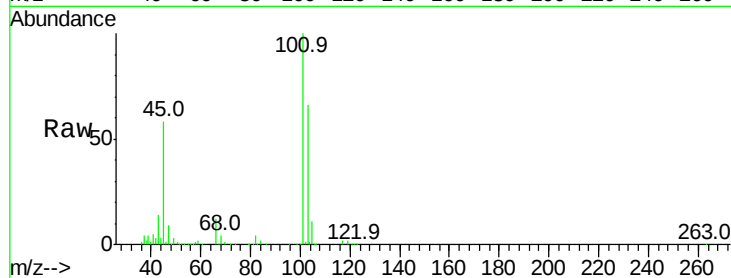
Acq: 24 Mar 2022 12:05 VSTDCCC010EC

Tgt Ion: 45 Resp: 397755

Ion Ratio Lower Upper

45 100

58 53.3 2.3 3.5#



#20

Methylene Chloride

Concen: 9.17 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.02 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

Tgt Ion: 84 Resp: 290664

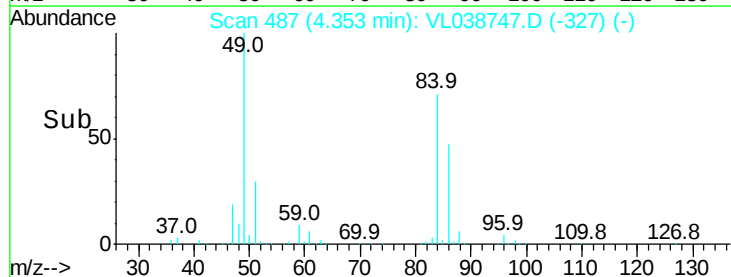
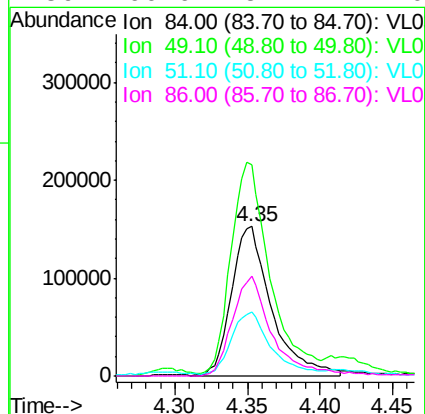
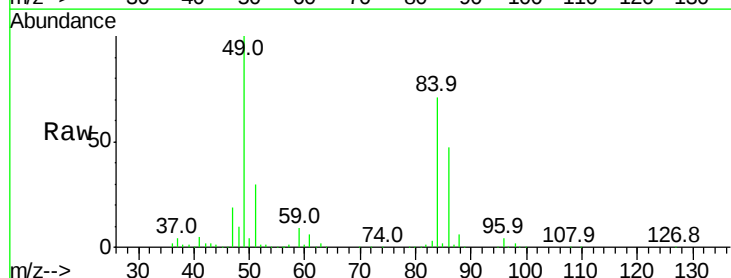
Ion Ratio Lower Upper

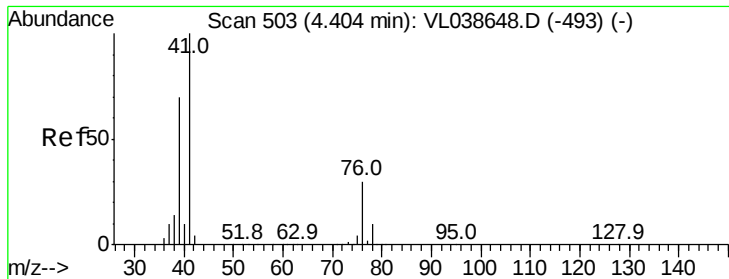
84 100

49 139.2 111.2 166.8

51 41.5 32.8 49.2

86 66.6 51.4 77.0





#21

Allyl Chloride

Concen: 10.28 ppbv

RT: 4.42

Instrument: MSVOA_1

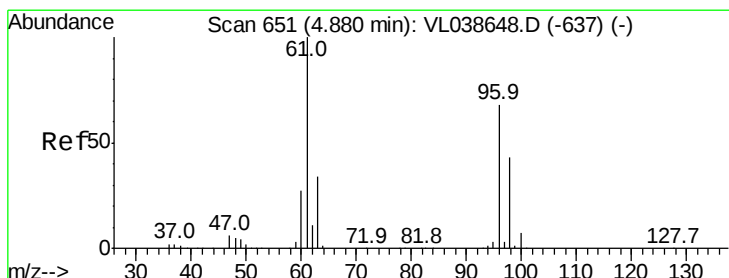
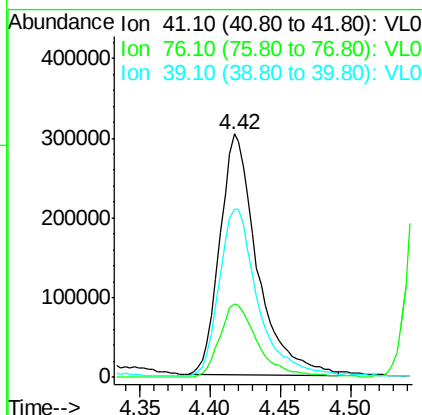
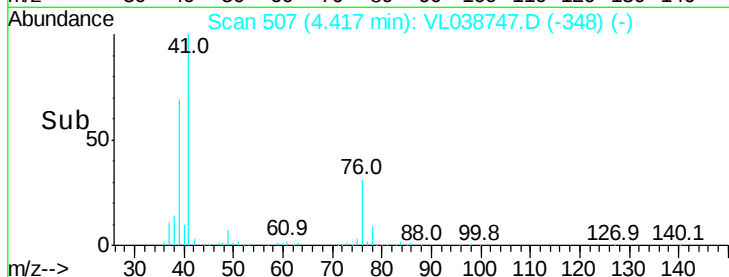
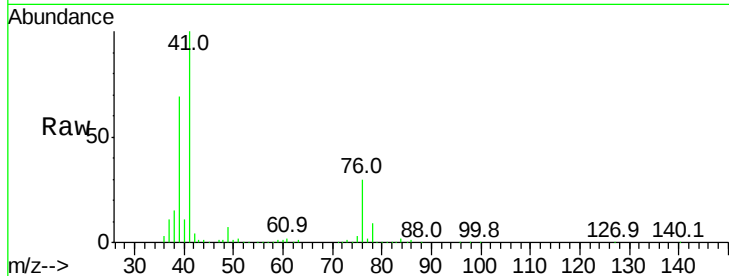
Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 24 Mar 2022 12:05

Tgt Ion: 41 Resp: 556702

Ion	Ratio	Lower	Upper
41	100		
76	31.8	25.0	37.6
39	73.1	56.6	85.0



#22

trans-1,2-Dichloroethene

Concen: 10.58 ppbv

RT: 4.89 min Scan# 654

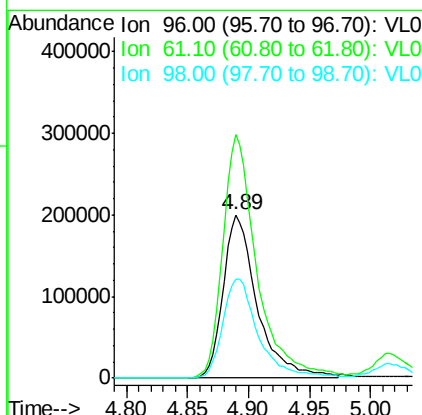
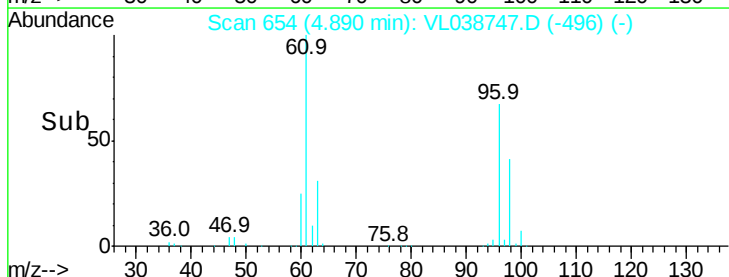
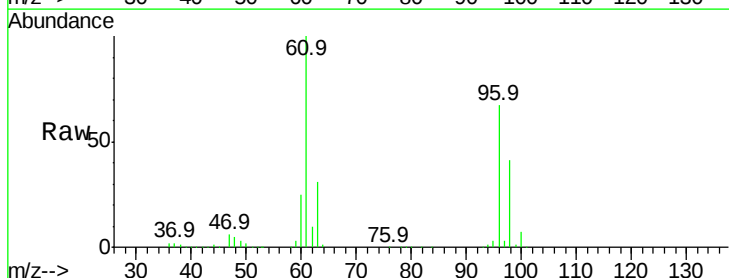
Delta R.T. 0.01 min

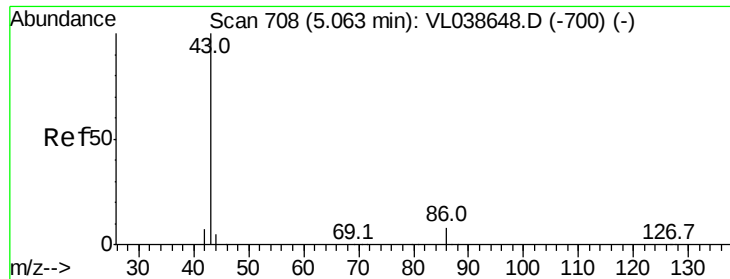
Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

Tgt Ion: 96 Resp: 392659

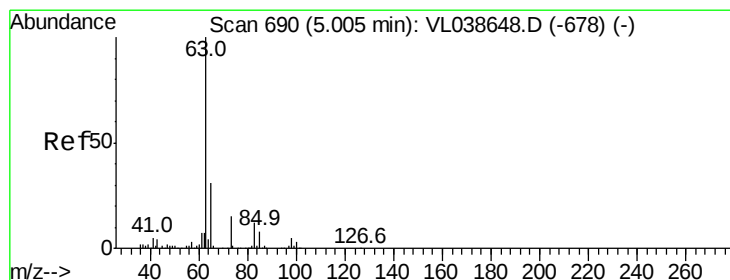
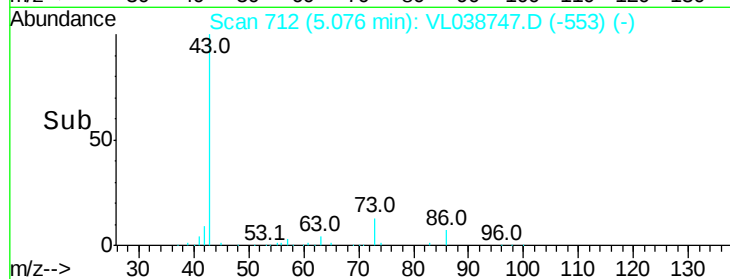
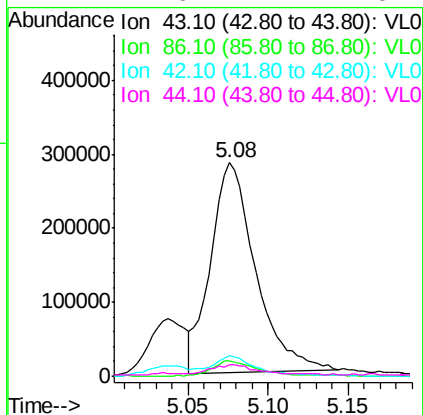
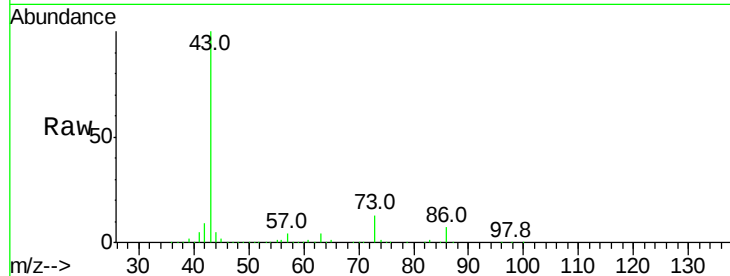
Ion	Ratio	Lower	Upper
96	100		
61	148.9	118.3	177.5
98	60.5	51.3	76.9





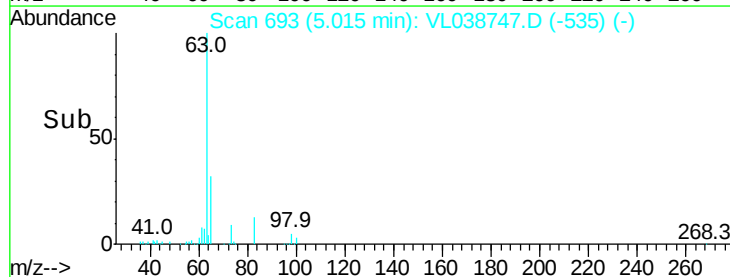
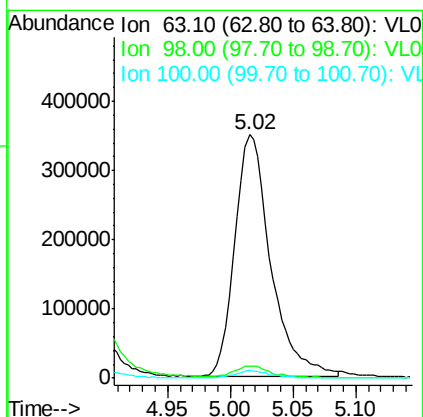
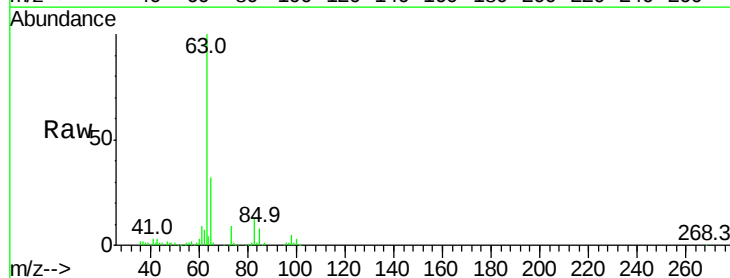
#23
 Vinyl Acetate
 Concen: 7.53 ppbv
 RT: 5.08
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 24 Mar 2022 12:05

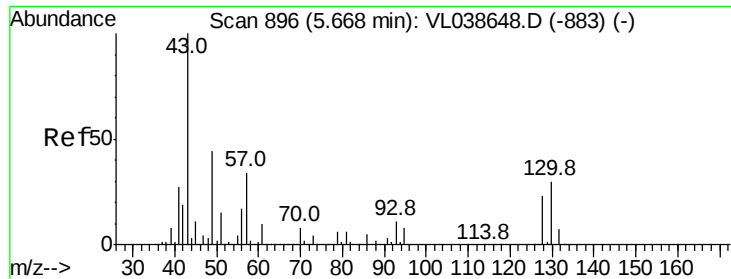
Tgt Ion:	43	Resp:	548204
Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.6	8.4
42	9.3	6.8	10.2
44	4.6	4.2	6.2



#24
 1,1-Dichloroethane
 Concen: 9.76 ppbv
 RT: 5.02 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: VL038747.D
 Acq: 24 Mar 2022 12:05

Tgt Ion:	63	Resp:	700099
Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.5	7.5
100	3.1	1.4	4.2

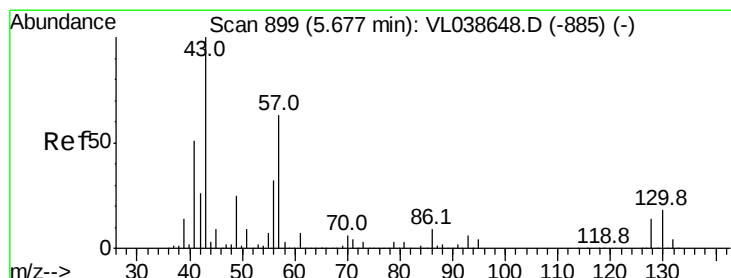
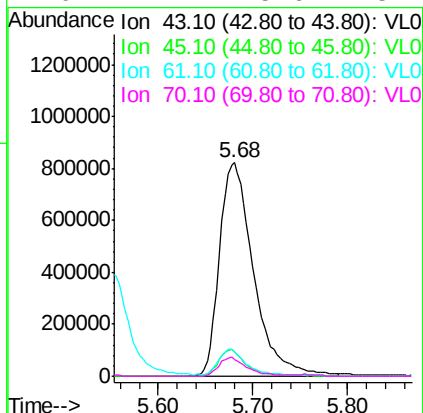
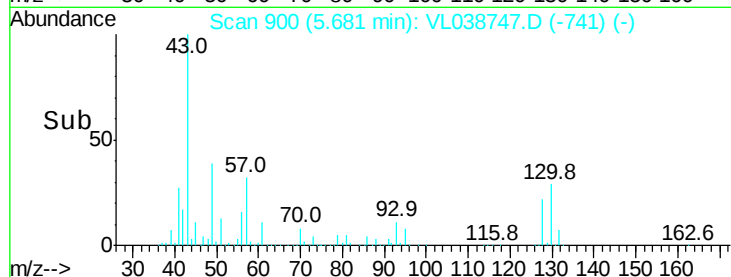
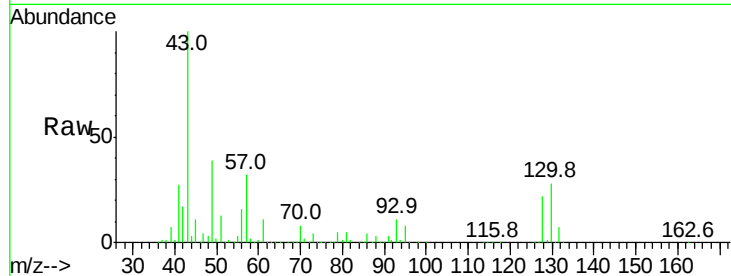




#25
Ethyl Acetate
Concen: 10.84 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 24 Mar 2022 12:05

Tgt Ion: 43 Resp: 2053298

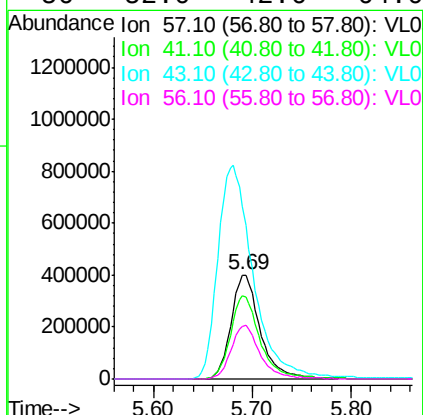
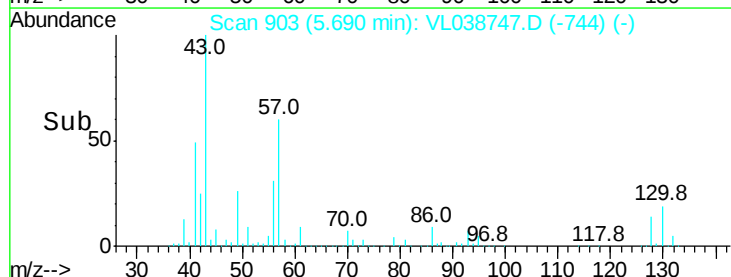
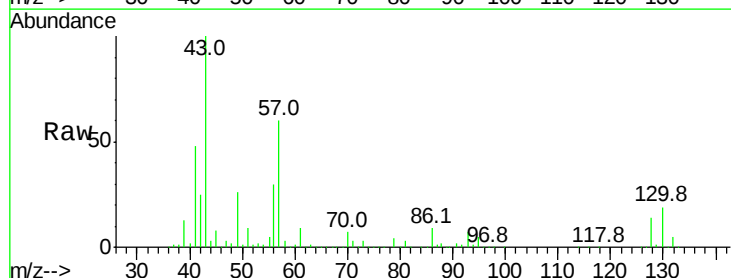
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.2	12.4
61	10.8	8.3	12.5
70	7.4	5.6	8.4

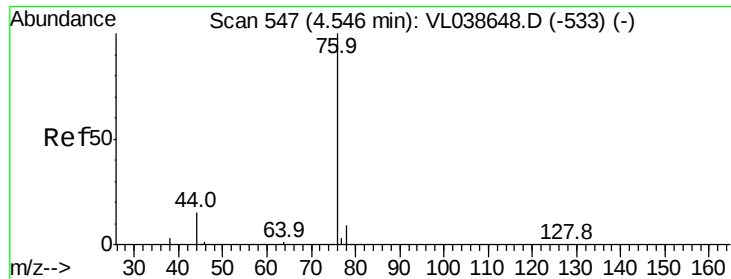


#26
Hexane
Concen: 9.75 ppbv
RT: 5.69 min Scan# 903
Delta R.T.: 0.01 min
Lab File: VL038747.D
Acq: 24 Mar 2022 12:05

Tgt Ion: 57 Resp: 826963

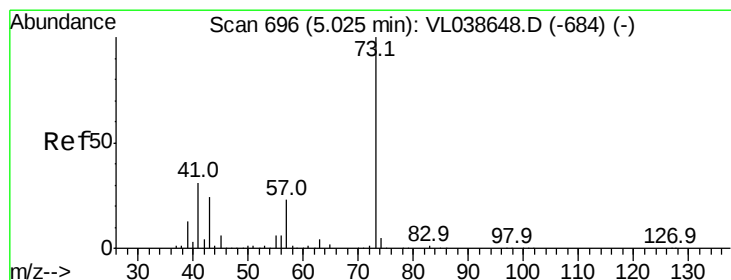
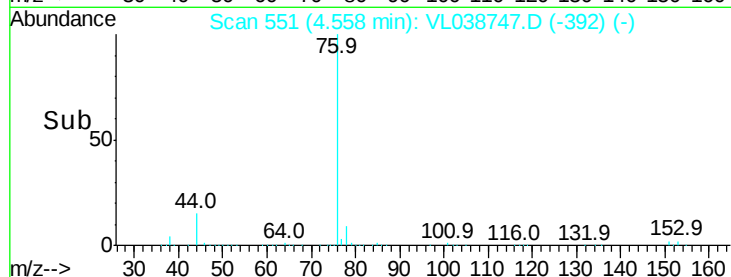
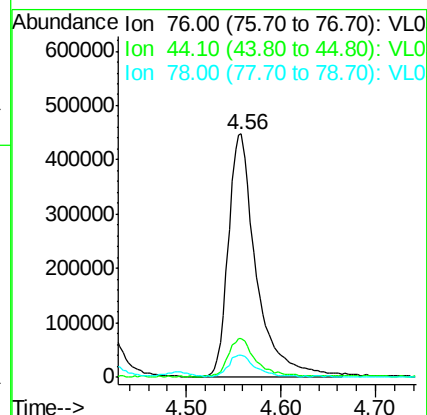
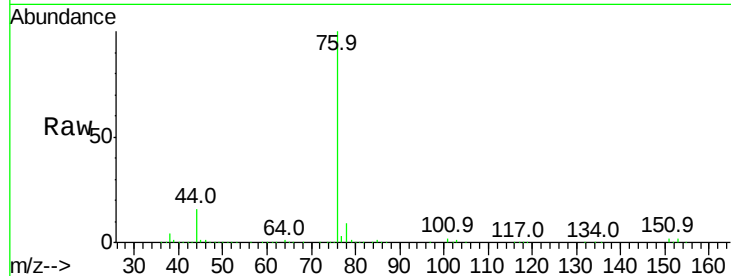
Ion	Ratio	Lower	Upper
57	100		
41	82.5	67.0	100.4
43	251.3	184.2	276.2
56	52.0	42.6	64.0





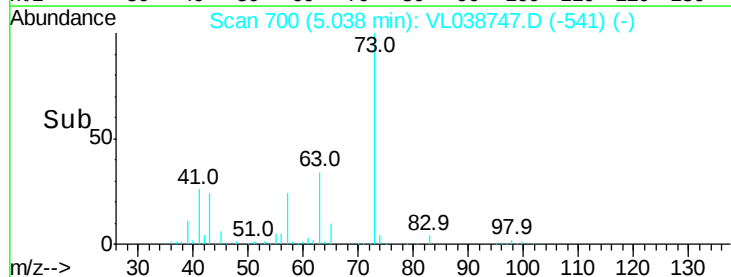
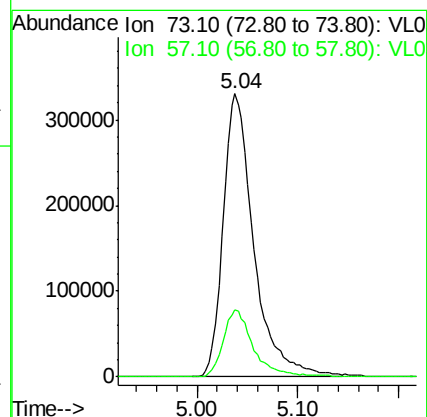
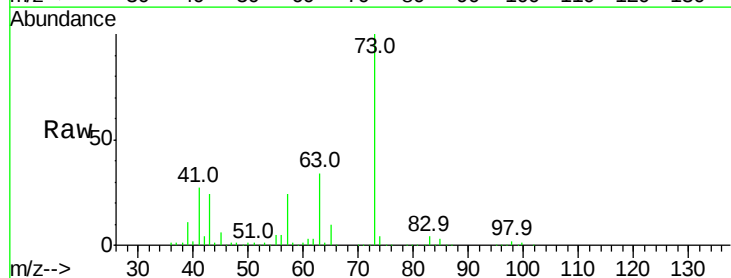
#27
Carbon Disulfide
Concen: 11.01 ppbv
RT: 4.56
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 24 Mar 2022 12:05

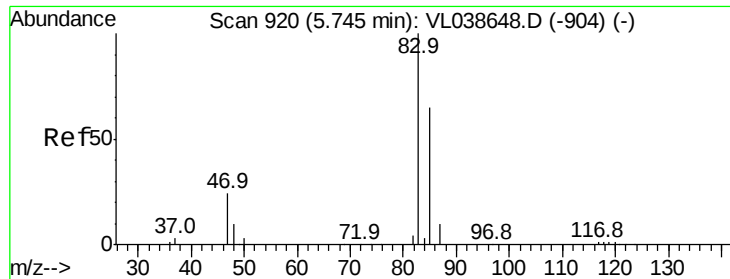
Tgt Ion: 76 Resp: 915973
Ion Ratio Lower Upper
76 100
44 16.0 12.4 18.6
78 9.3 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 11.05 ppbv
RT: 5.04 min Scan# 700
Delta R.T.: 0.01 min
Lab File: VL038747.D
Acq: 24 Mar 2022 12:05

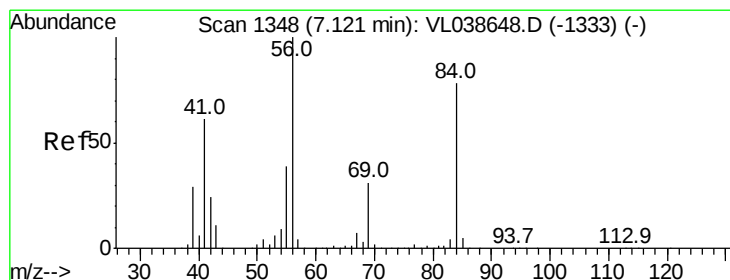
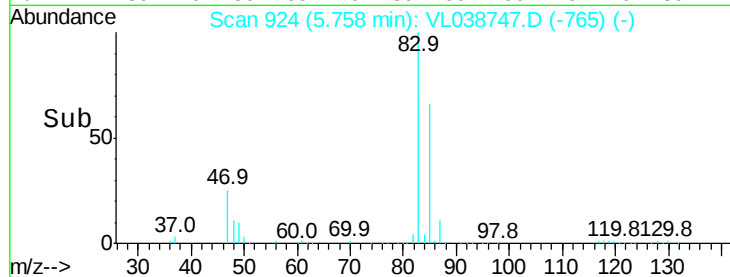
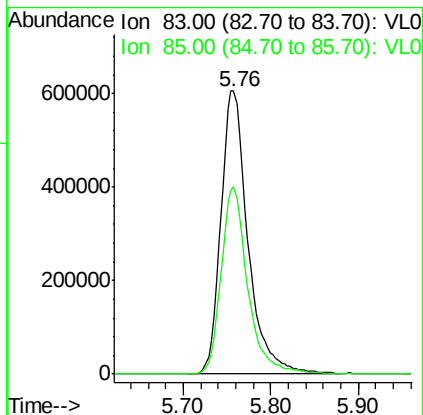
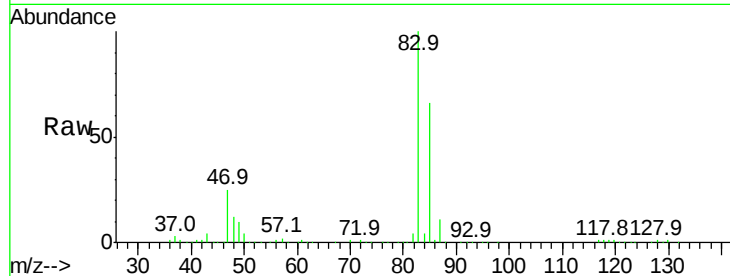
Tgt Ion: 73 Resp: 697829
Ion Ratio Lower Upper
73 100
57 23.8 19.2 28.8





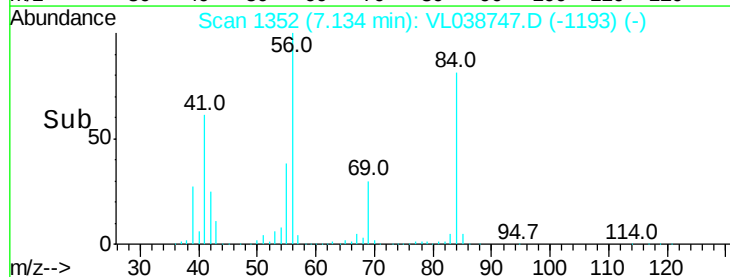
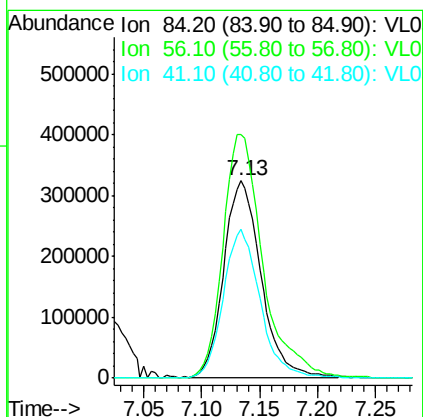
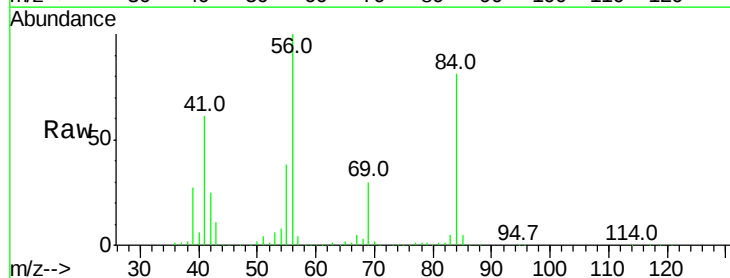
#29
Chloroform
Concen: 9.60 ppbv
RT: 5.76
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 24 Mar 2022 12:05

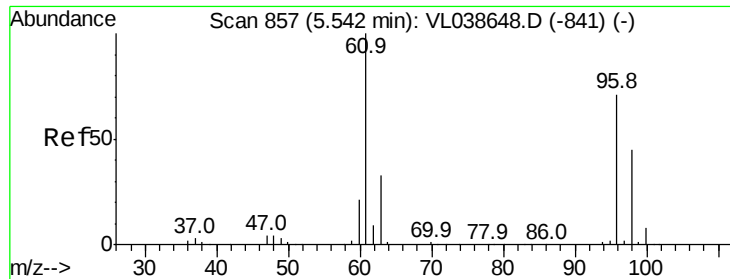
Tgt Ion: 83 Resp: 1303331
Ion Ratio Lower Upper
83 100
85 66.2 51.7 77.5



#30
Cyclohexane
Concen: 9.89 ppbv
RT: 7.13 min Scan# 1352
Delta R.T.: 0.01 min
Lab File: VL038747.D
Acq: 24 Mar 2022 12:05

Tgt Ion: 84 Resp: 729080
Ion Ratio Lower Upper
84 100
56 132.3 108.2 162.4
41 74.8 61.8 92.6





#31

cis-1,2-Dichloroethene

Concen: 10.18 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 12:05 VSTDCCC010EC

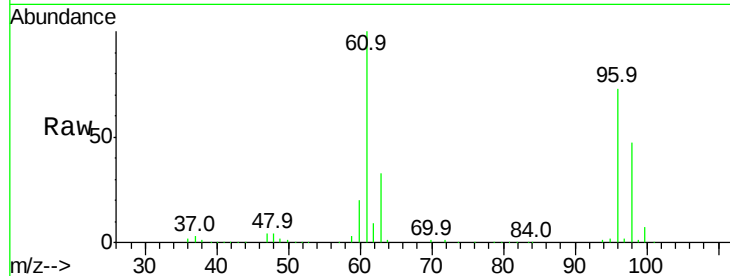
Tgt Ion: 61 Resp: 811560

Ion Ratio Lower Upper

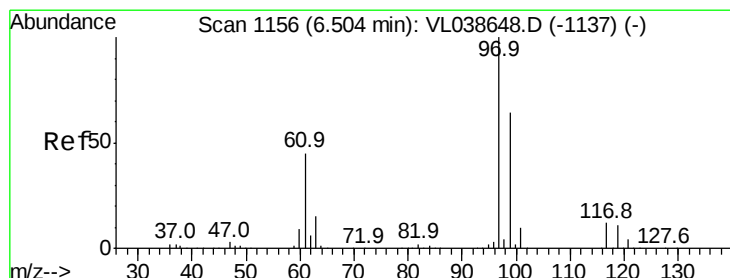
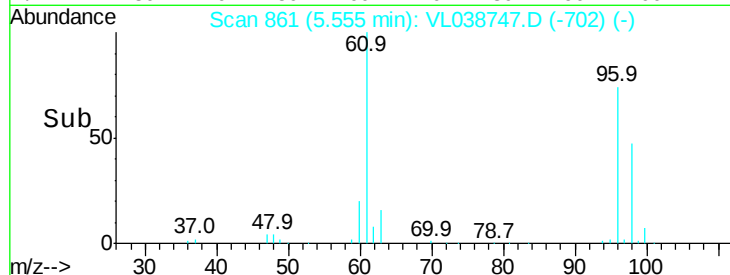
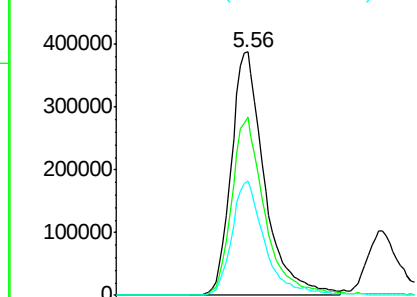
61 100

96 73.3 56.6 84.8

98 47.0 36.3 54.5



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: 9.97 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. 0.01 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

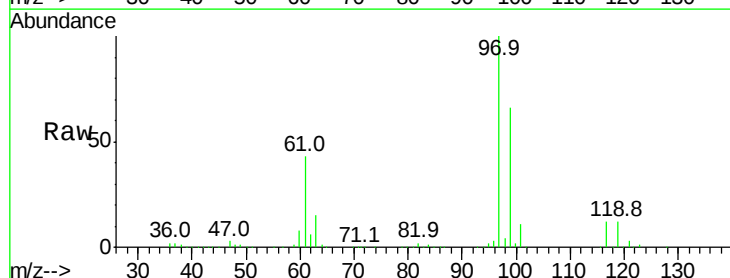
Tgt Ion: 97 Resp: 1306411

Ion Ratio Lower Upper

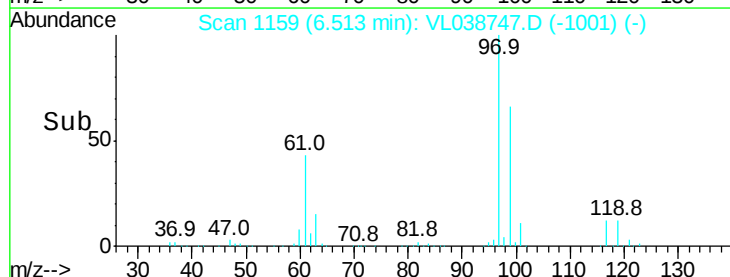
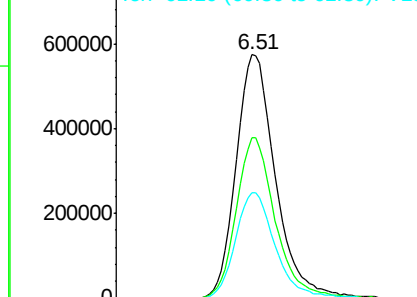
97 100

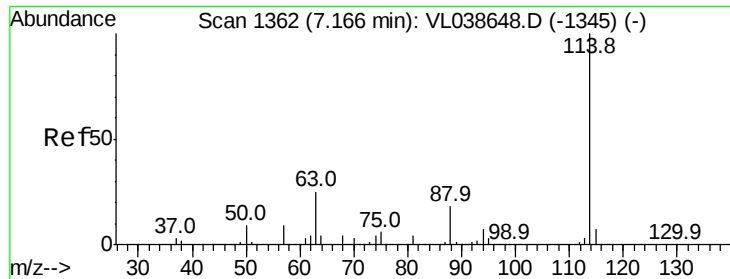
99 65.8 51.8 77.8

61 44.1 36.7 55.1



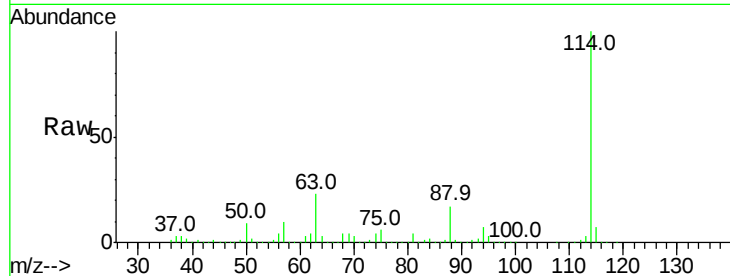
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



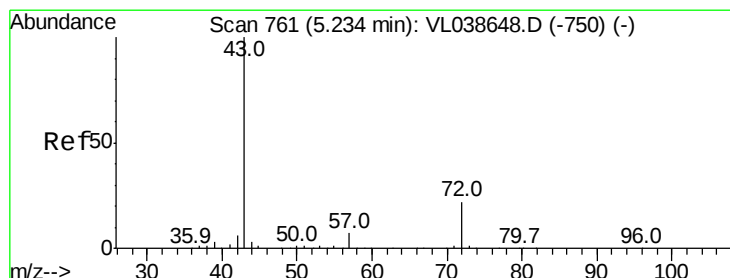
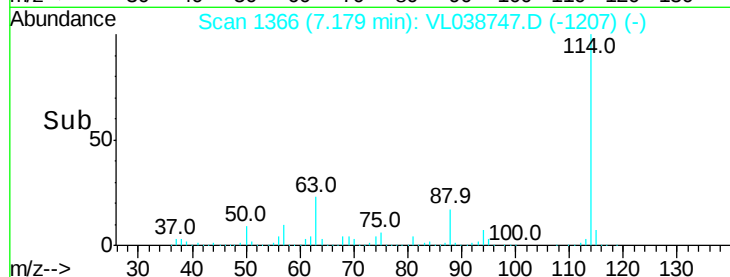
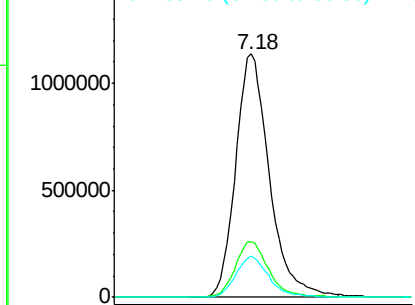


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 24 Mar 2022 12:05

Tgt Ion: 114 Resp: 2473915
 Ion Ratio Lower Upper
 114 100
 63 23.3 19.4 29.0
 88 16.7 13.9 20.9

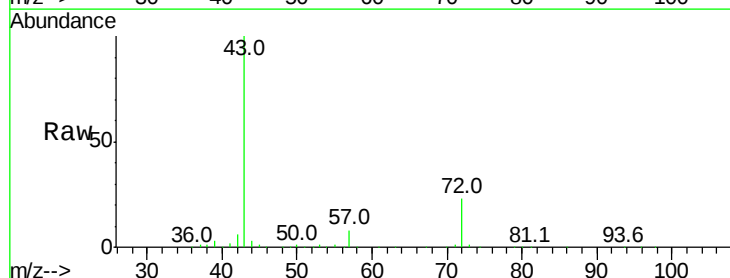


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

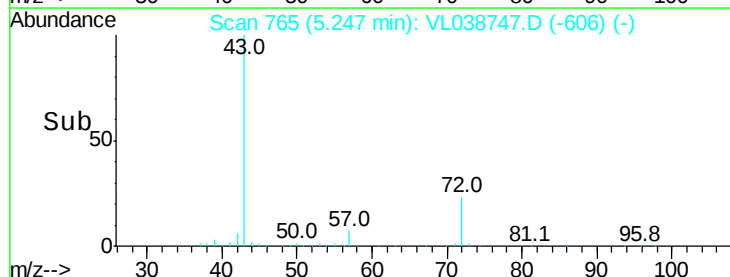
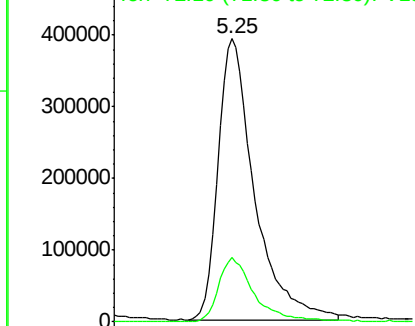


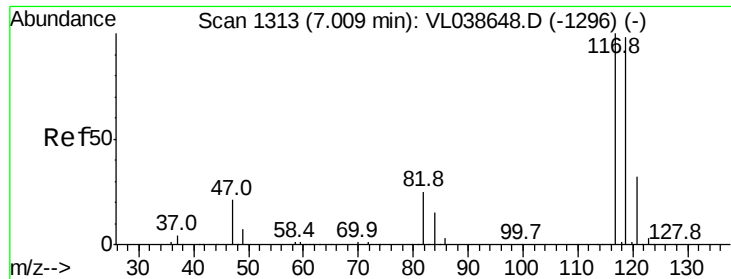
#34
 2-Butanone
 Concen: 8.41 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T.: 0.01 min
 Lab File: VL038747.D
 Acq: 24 Mar 2022 12:05

Tgt Ion: 43 Resp: 823346
 Ion Ratio Lower Upper
 43 100
 72 23.2 17.8 26.8



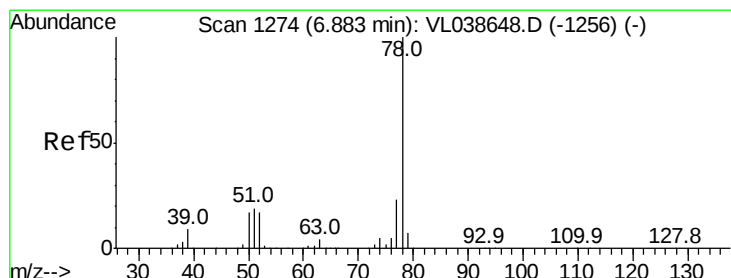
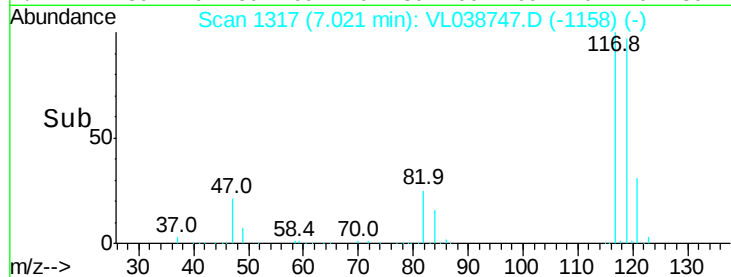
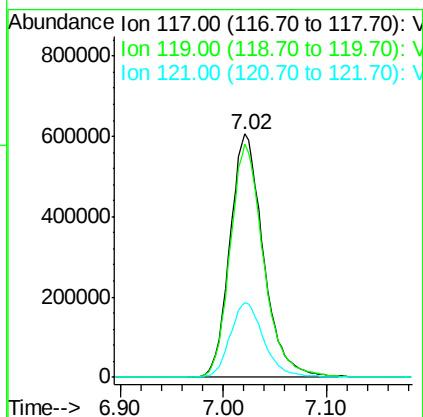
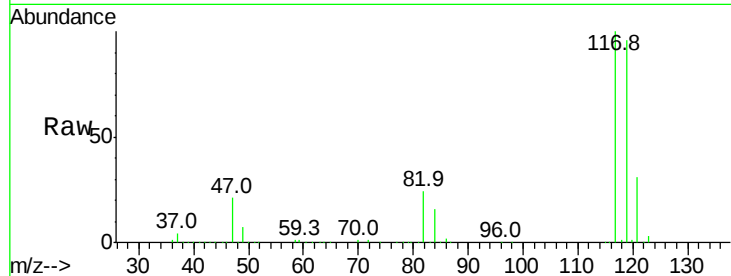
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





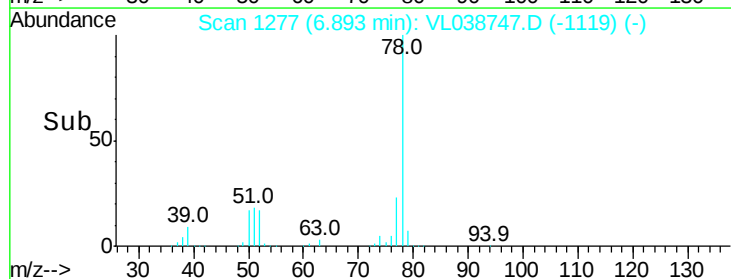
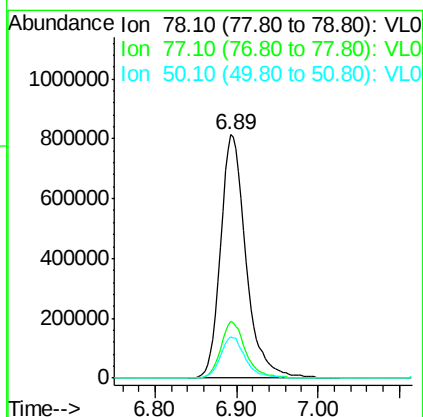
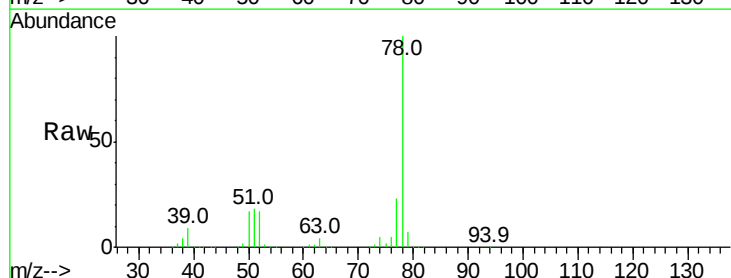
#35
 Carbon Tetrachloride
 Concen: 9.52 ppbv
 RT: 7.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 24 Mar 2022 12:05

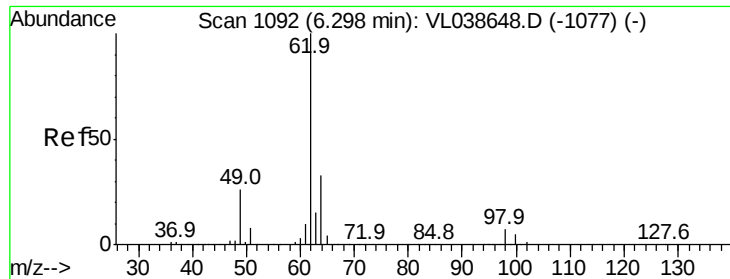
Tgt Ion:117 Resp: 1366705
 Ion Ratio Lower Upper
 117 100
 119 96.1 78.1 117.1
 121 30.7 25.8 38.6



#36
 Benzene
 Concen: 9.40 ppbv
 RT: 6.89 min Scan# 1277
 Delta R.T. 0.01 min
 Lab File: VL038747.D
 Acq: 24 Mar 2022 12:05

Tgt Ion: 78 Resp: 1793856
 Ion Ratio Lower Upper
 78 100
 77 23.3 18.1 27.1
 50 17.1 13.6 20.4





#37

1,2-Dichloroethane

Concen: 9.32 ppbv

RT: 6.31

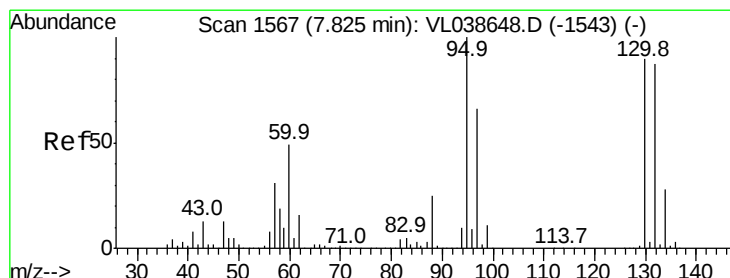
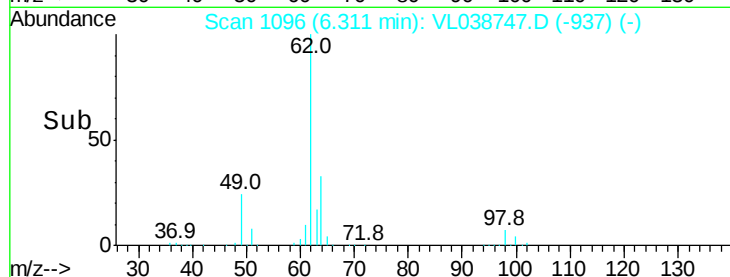
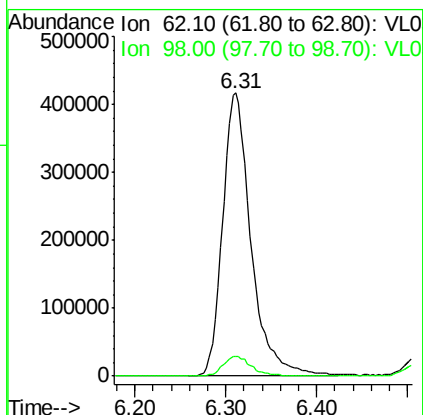
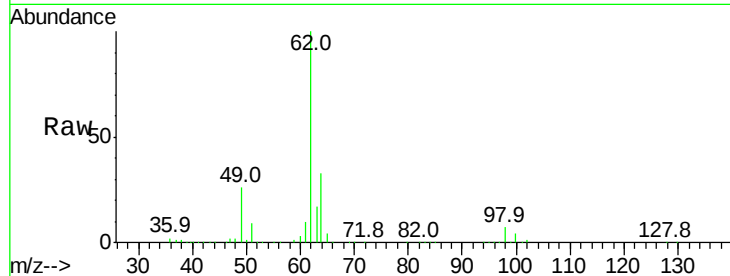
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 12:05

Tgt Ion: 62 Resp: 904829

Ion	Ratio	Lower	Upper
62	100		
98	7.2	5.6	8.4



#38

Trichloroethene

Concen: 9.22 ppbv

RT: 7.83 min Scan# 1570

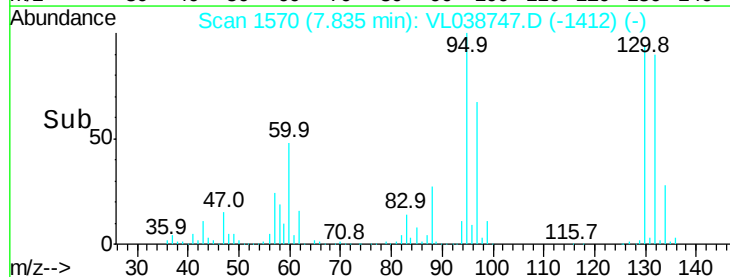
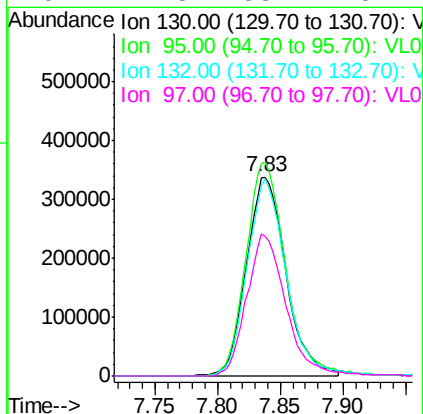
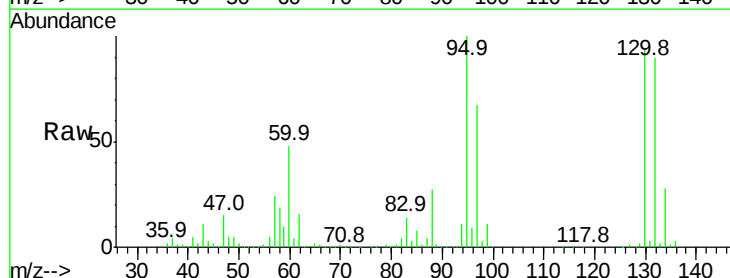
Delta R.T. 0.01 min

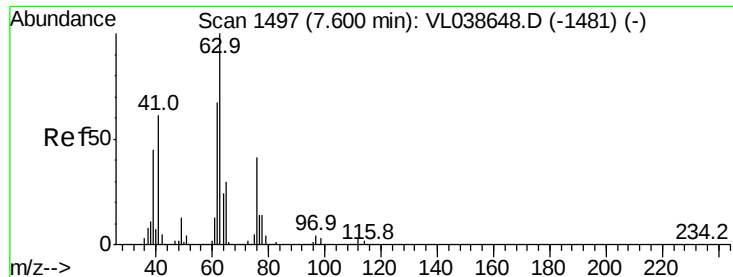
Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

Tgt Ion: 130 Resp: 737080

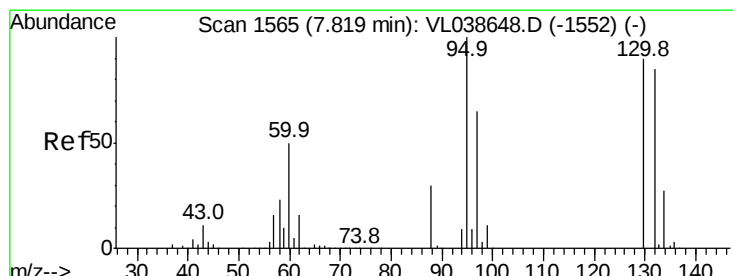
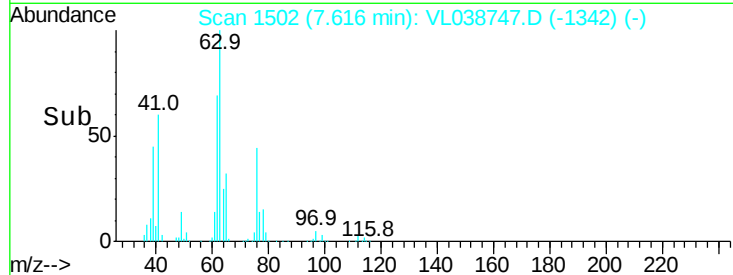
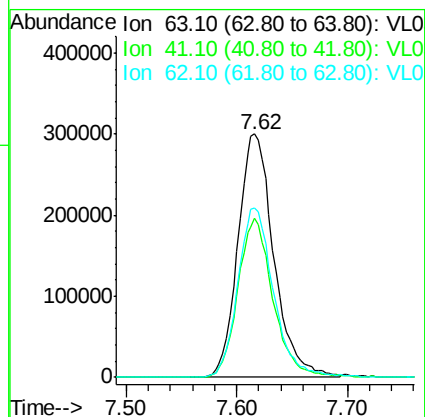
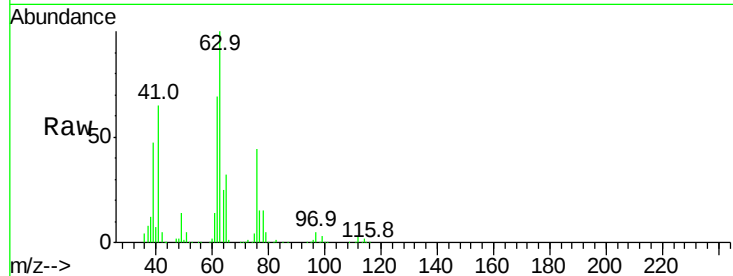
Ion	Ratio	Lower	Upper
130	100		
95	107.0	88.9	133.3
132	96.5	77.4	116.0
97	71.8	58.2	87.4





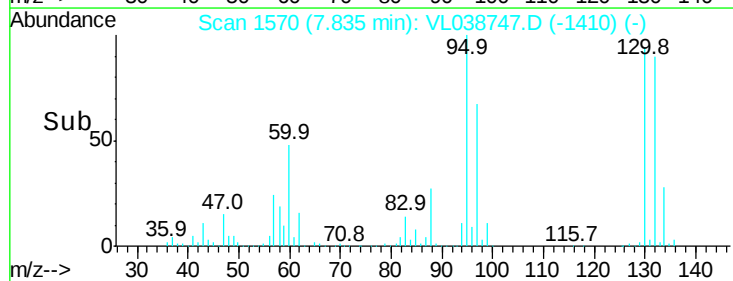
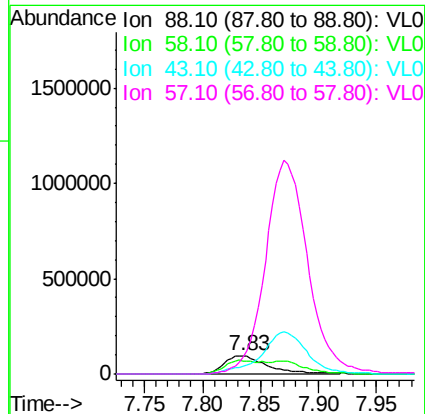
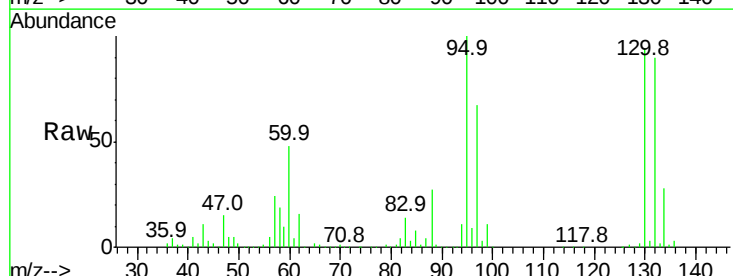
#39
 1,2-Dichloropropane
 Concen: 9.06 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Mar 2022 12:05

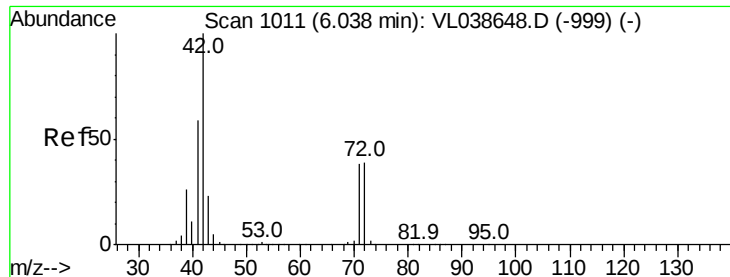
Tgt Ion:	63	Resp:	676272
Ion	Ratio	Lower	Upper
63	100		
41	65.2	49.0	73.6
62	69.3	53.9	80.9



#40
 1,4-Dioxane
 Concen: 9.33 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.02 min
 Lab File: VL038747.D
 Acq: 24 Mar 2022 12:05

Tgt Ion:	88	Resp:	241868
Ion	Ratio	Lower	Upper
88	100		
58	127.4	105.6	158.4
43	250.0	201.9	302.9
57	1187.3	942.1	1413.1





#41

Tetrahydrofuran

Concen: 9.62 ppbv

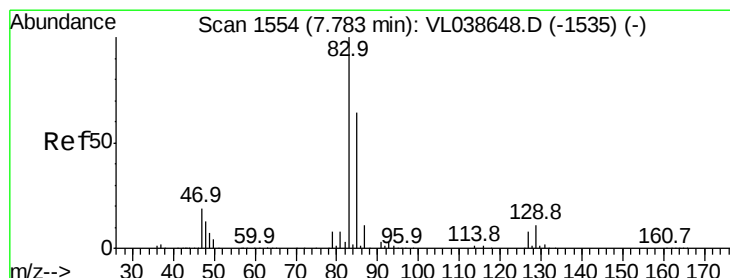
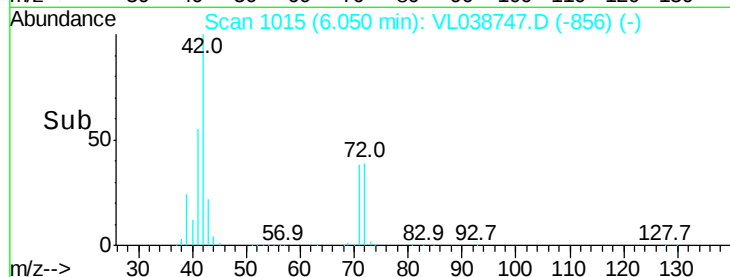
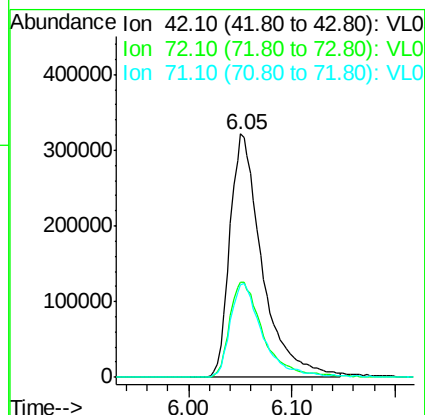
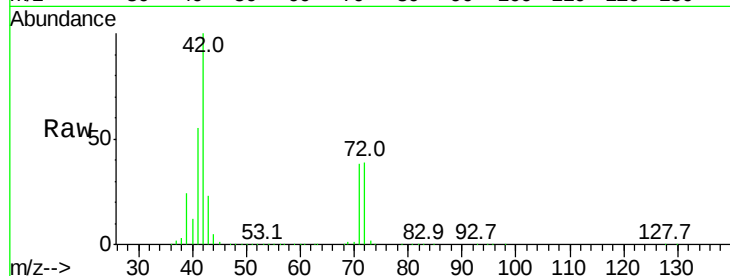
RT: 6.05 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 24 Mar 2022 12:05

Tgt Ion:	42	Resp:	701207
Ion	Ratio	Lower	Upper
42	100		
72	41.3	32.5	48.7
71	39.3	31.4	47.2



#42

Bromodichloromethane

Concen: 9.61 ppbv

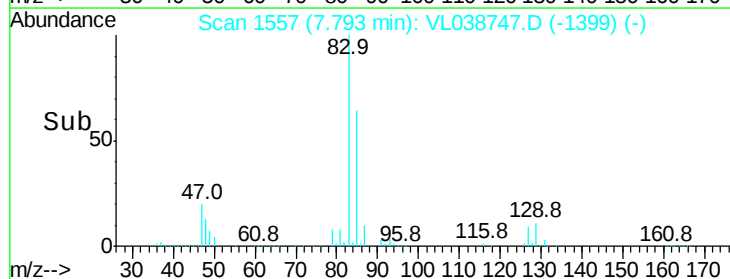
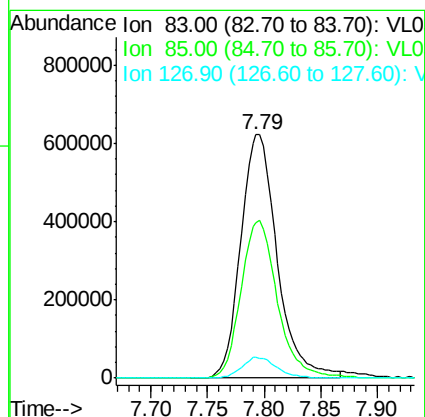
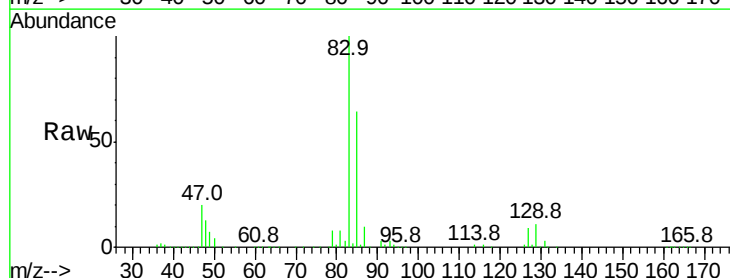
RT: 7.79 min Scan# 1557

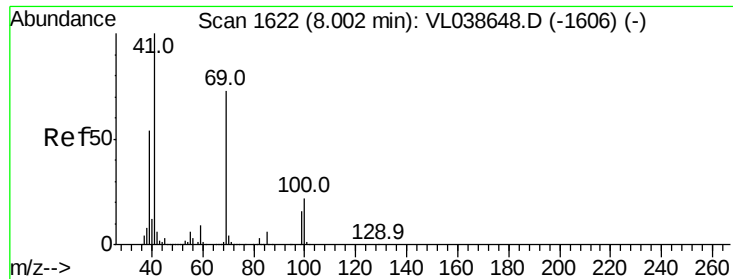
Delta R.T. 0.01 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

Tgt Ion:	83	Resp:	1399646
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.1	76.7
127	8.7	6.5	9.7





#43

Methyl Methacrylate

Concen: 10.81 ppbv

RT: 8.01

Instrument: MSVOA_1

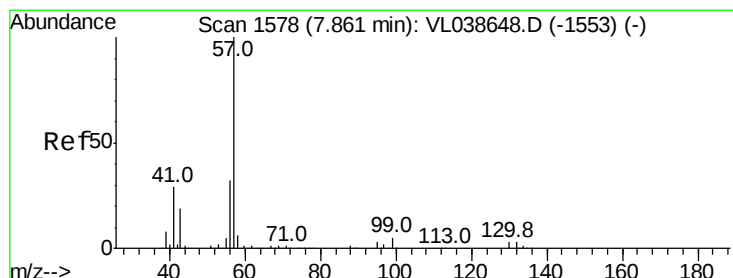
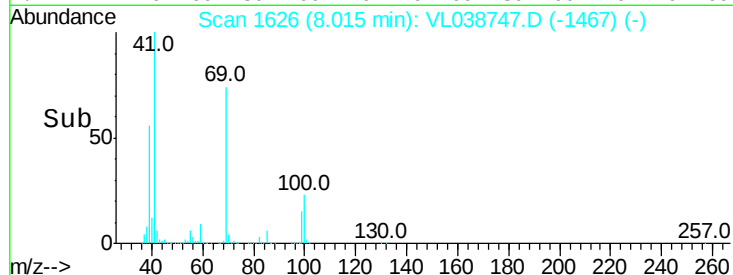
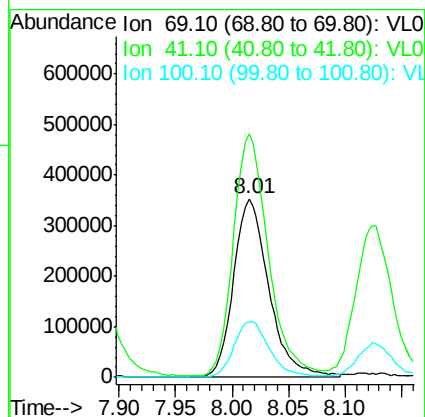
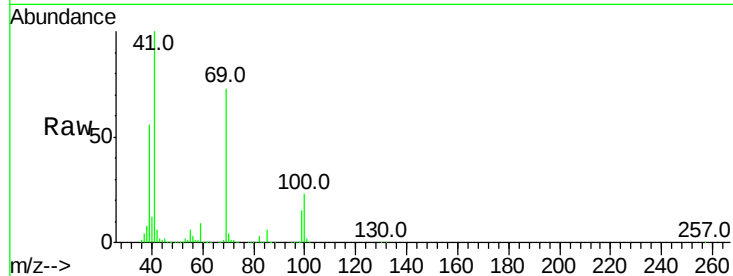
Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 24 Mar 2022 12:05

Tgt Ion: 69 Resp: 766302

Ion	Ratio	Lower	Upper
69	100		
41	135.9	110.3	165.5
100	31.9	24.8	37.2



#44

2,2,4-Trimethylpentane

Concen: 8.94 ppbv

RT: 7.87 min Scan# 1581

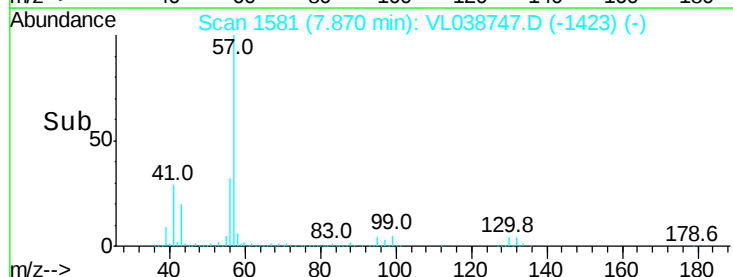
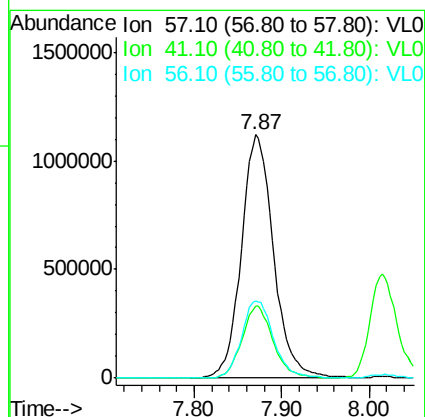
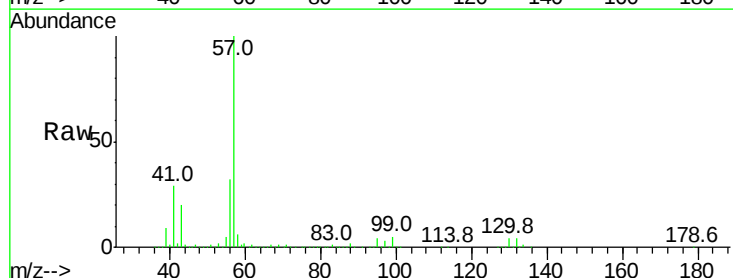
Delta R.T. 0.01 min

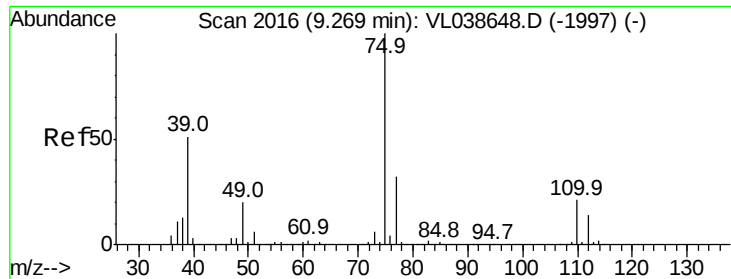
Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

Tgt Ion: 57 Resp: 2865366

Ion	Ratio	Lower	Upper
57	100		
41	28.8	23.0	34.4
56	31.4	25.3	37.9





#45

t-1,3-Dichloropropene

Concen: 11.64 ppbv

RT: 9.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

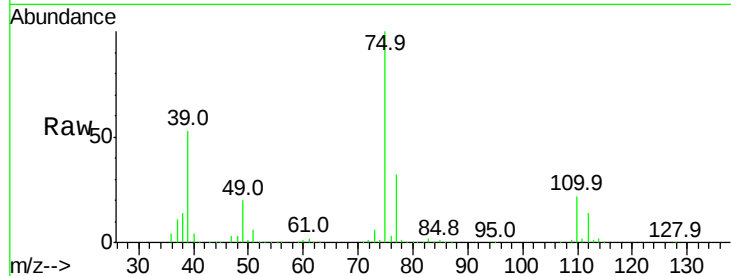
Acq: 24 Mar 2022 12:05 VSTDCCC010EC

Tgt Ion: 75 Resp: 838929

Ion Ratio Lower Upper

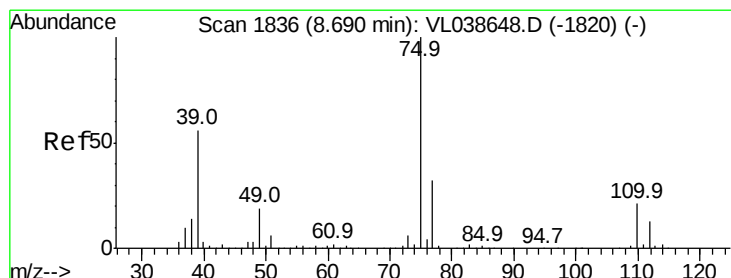
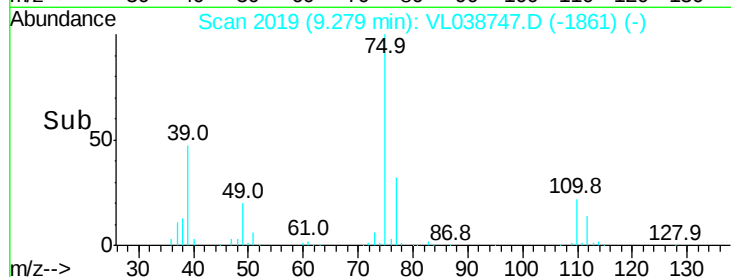
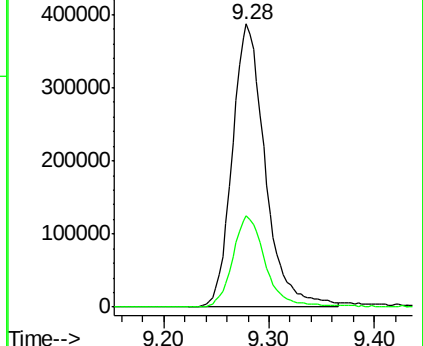
75 100

77 32.1 25.5 38.3



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 10.53 ppbv

RT: 8.71 min Scan# 1841

Delta R.T. 0.02 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

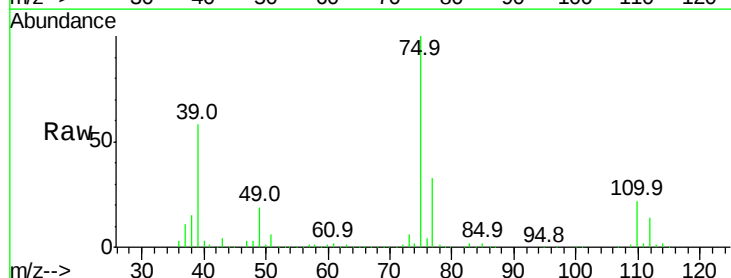
Tgt Ion: 75 Resp: 1026297

Ion Ratio Lower Upper

75 100

39 58.3 44.8 67.2

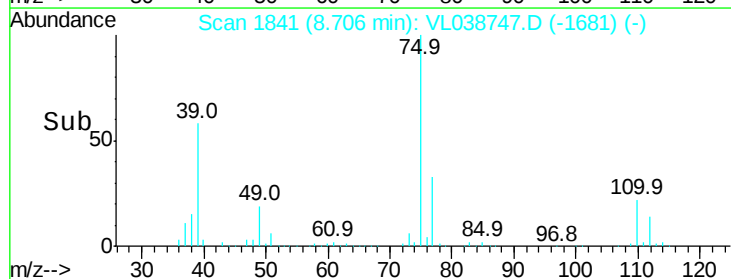
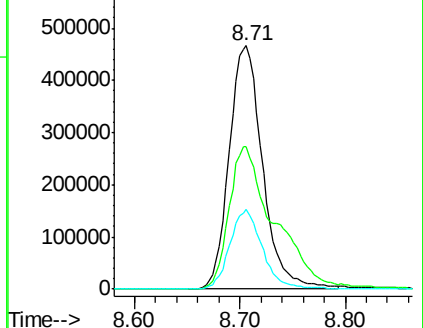
77 32.5 25.4 38.0

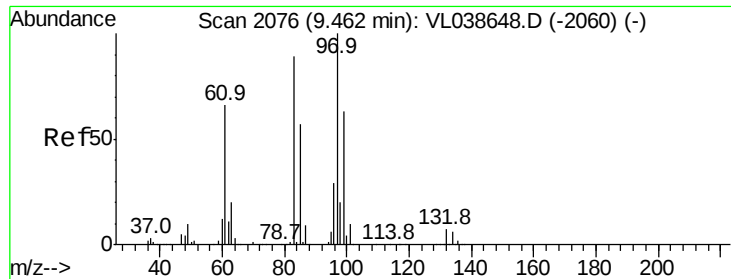


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

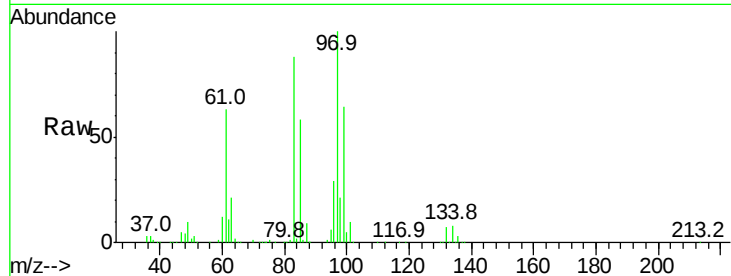
Ion 77.00 (76.70 to 77.70): VL0



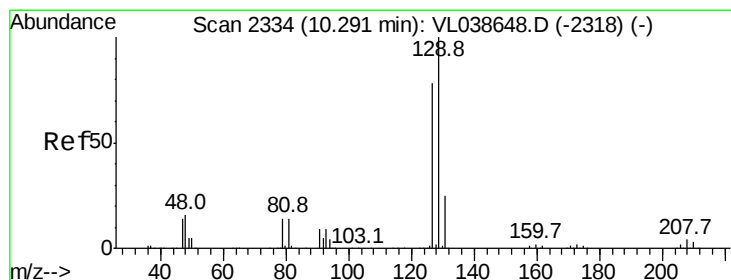
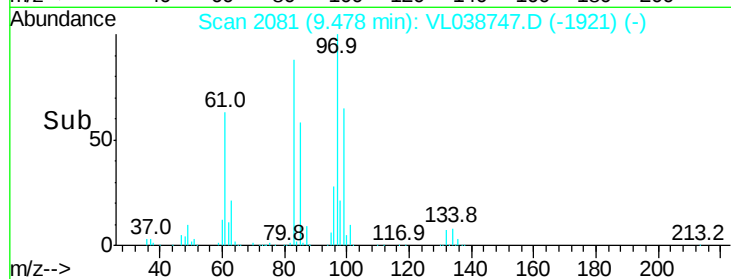
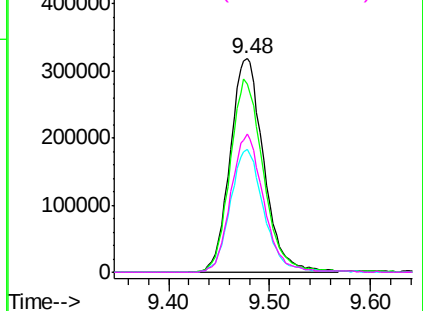


#47
 1,1,2-Trichloroethane
 Concen: 9.24 ppbv
 RT: 9.48
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 24 Mar 2022 12:05

Tgt Ion:	97	Resp:	736365
Ion	Ratio	Lower	Upper
97	100		
83	87.7	71.2	106.8
85	57.7	45.3	67.9
99	64.5	50.6	76.0

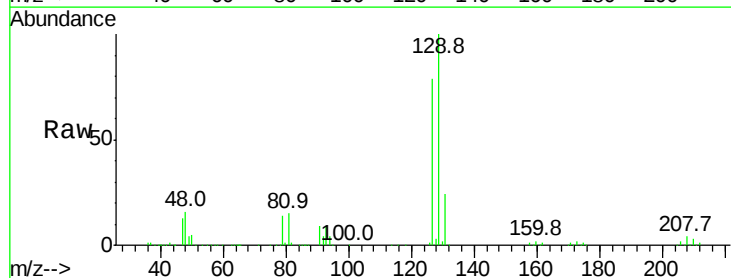


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

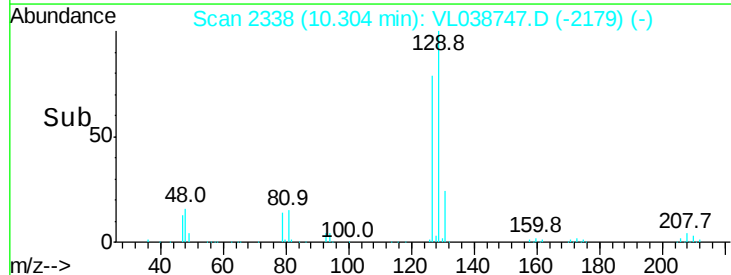
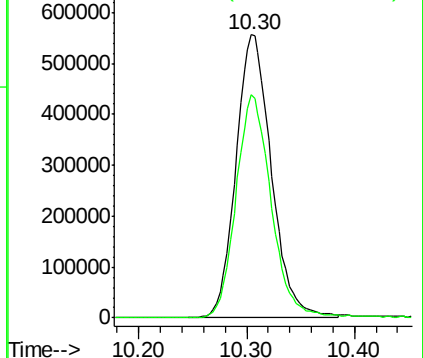


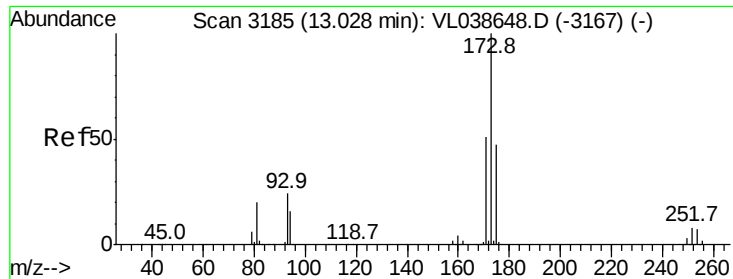
#48
 Dibromochloromethane
 Concen: 10.21 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. 0.01 min
 Lab File: VL038747.D
 Acq: 24 Mar 2022 12:05

Tgt Ion:	129	Resp:	1273993
Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.5	118.5



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





#49

Bromoform

Concen: 10.49 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 12:05

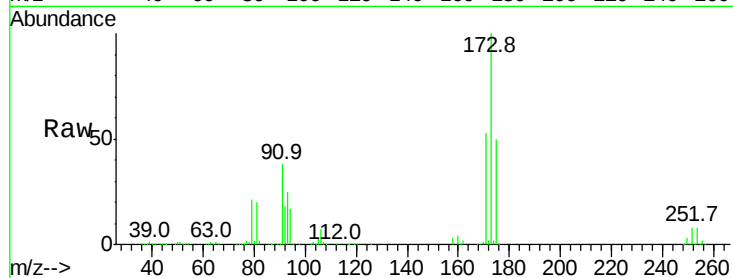
Tgt Ion:173 Resp: 1067067

Ion Ratio Lower Upper

173 100

175 51.3 41.0 61.6

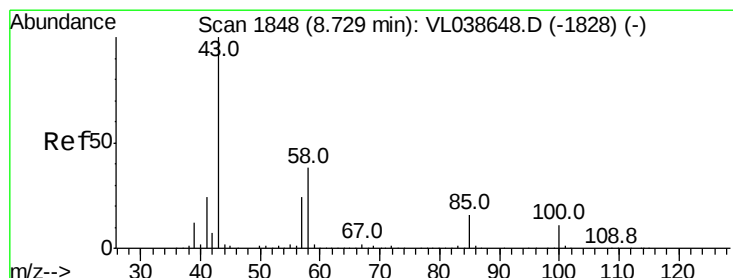
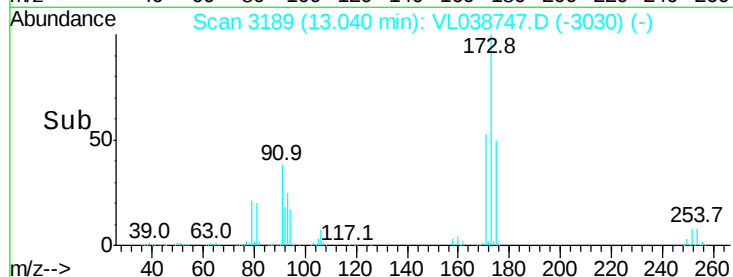
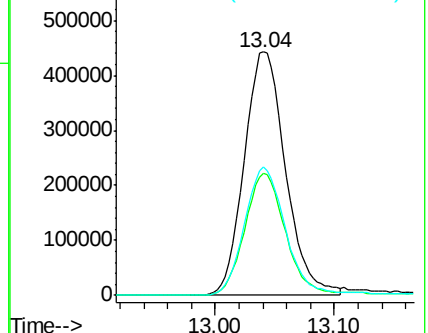
171 54.0 43.1 64.7



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.47 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VL038747.D

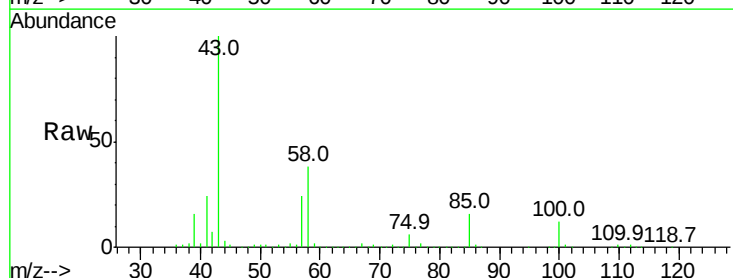
Acq: 24 Mar 2022 12:05

Tgt Ion: 43 Resp: 1724401

Ion Ratio Lower Upper

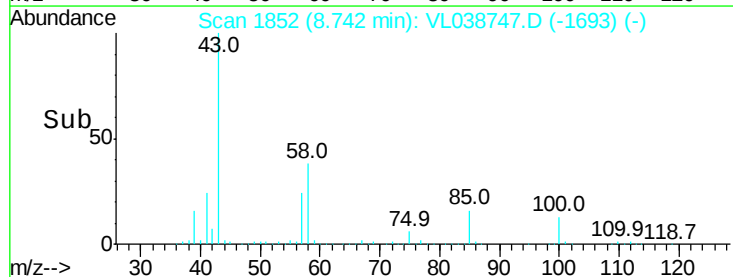
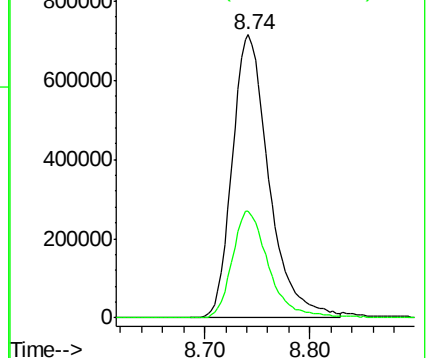
43 100

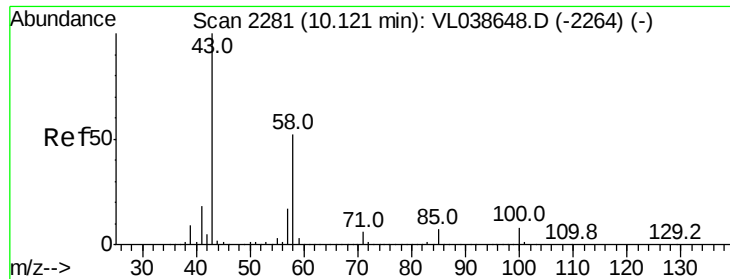
58 37.9 29.9 44.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

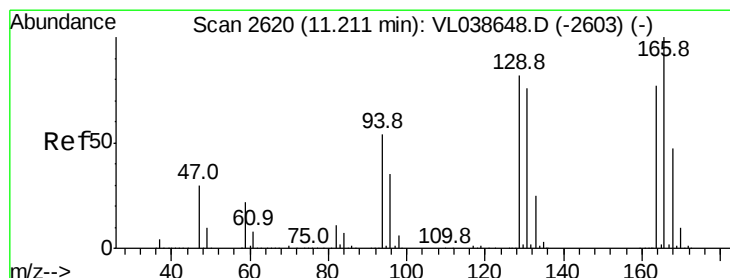
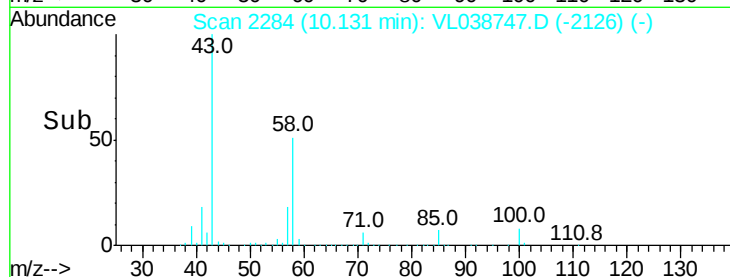
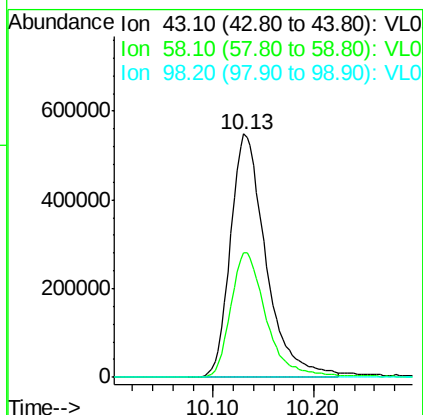
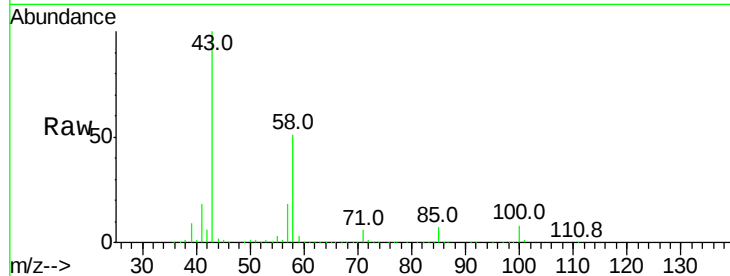




#51
2-Hexanone
Concen: 10.26 ppbv
RT: 10.13 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 24 Mar 2022 12:05

Tgt Ion: 43 Resp: 1342138

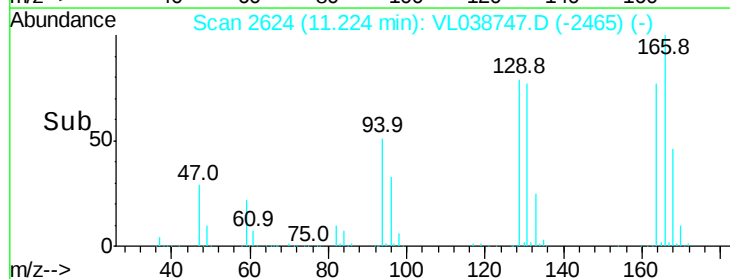
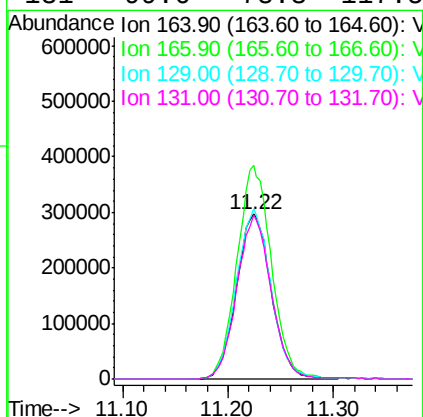
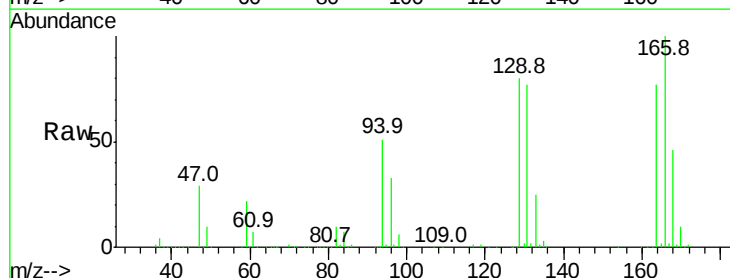
Ion	Ratio	Lower	Upper
43	100		
58	52.3	41.2	61.8
98	0.3	0.2	0.4

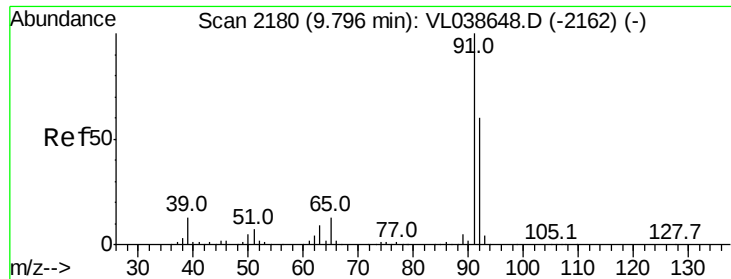


#52
Tetrachloroethene
Concen: 9.72 ppbv
RT: 11.22 min Scan# 2624
Delta R.T.: 0.01 min
Lab File: VL038747.D
Acq: 24 Mar 2022 12:05

Tgt Ion: 164 Resp: 679478

Ion	Ratio	Lower	Upper
164	100		
166	129.5	103.3	154.9
129	103.0	85.2	127.8
131	99.6	78.3	117.5





#53

Toluene

Concen: 9.94 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

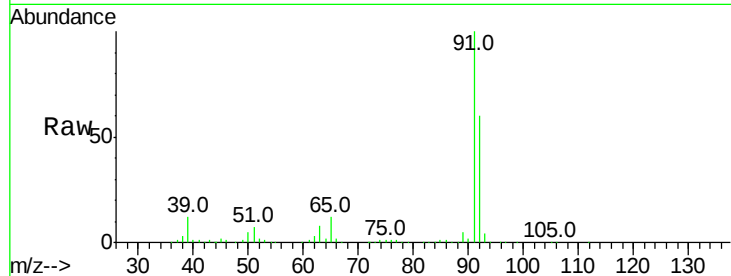
Acq: 24 Mar 2022 12:05 VSTDCCC010EC

Tgt Ion: 91 Resp: 2040269

Ion Ratio Lower Upper

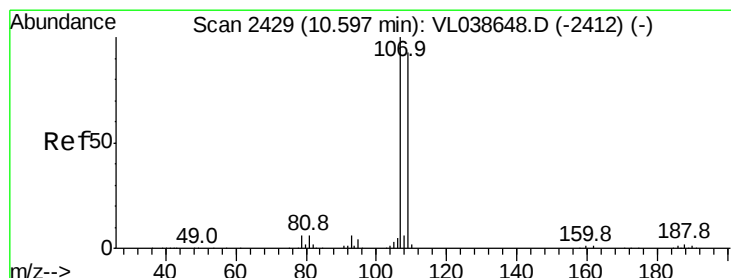
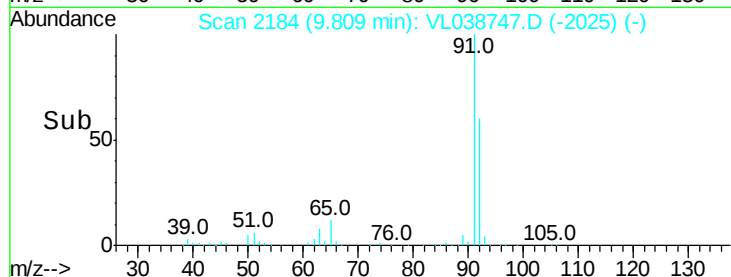
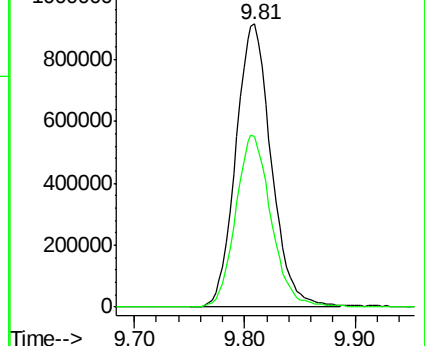
91 100

92 61.0 48.7 73.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 10.03 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. 0.01 min

Lab File: VL038747.D

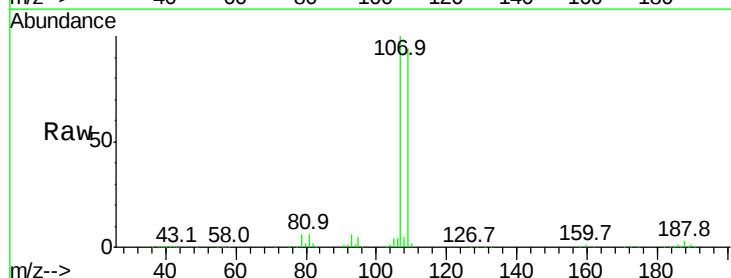
Acq: 24 Mar 2022 12:05

Tgt Ion: 107 Resp: 1090867

Ion Ratio Lower Upper

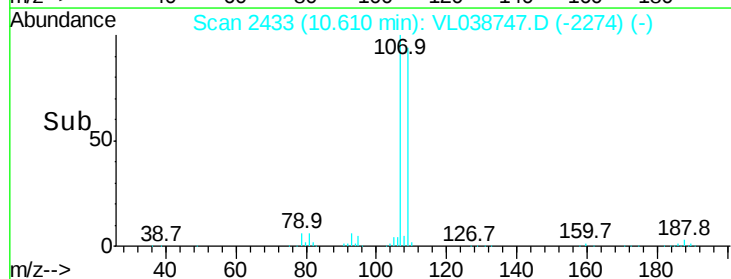
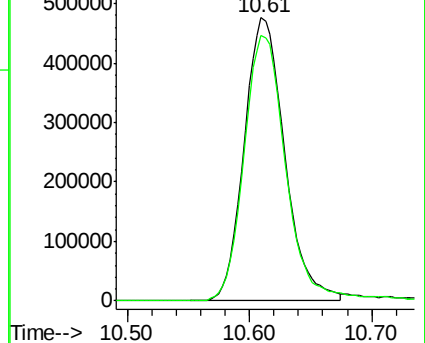
107 100

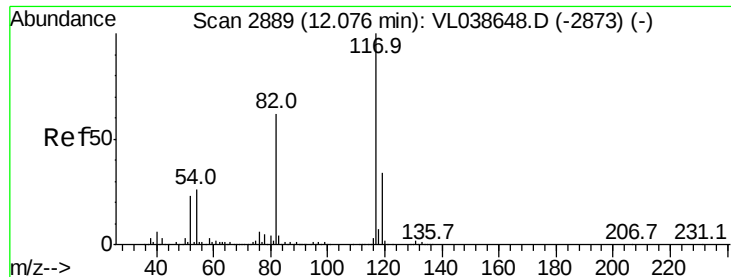
109 94.0 74.1 111.1



Abundance Ion 107.00 (106.70 to 107.70): V

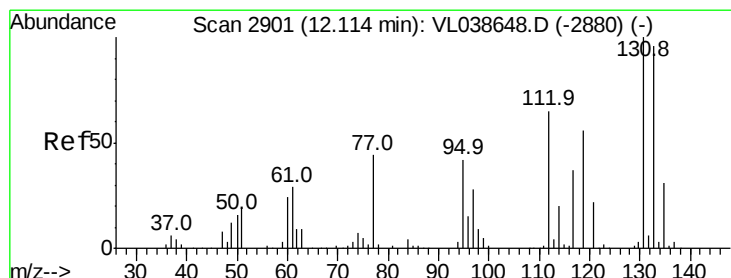
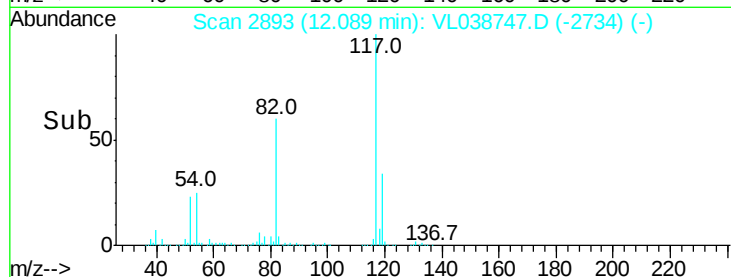
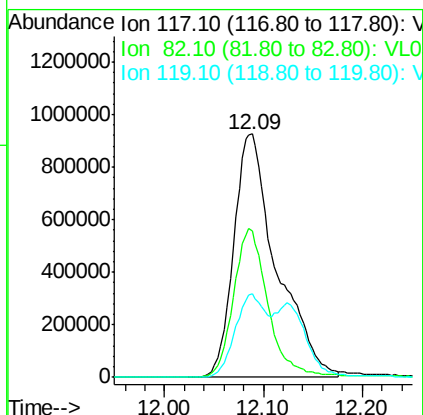
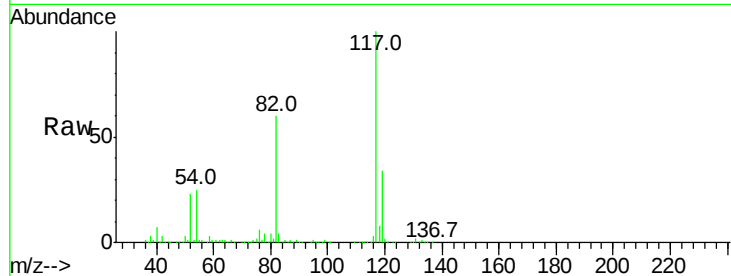
Ion 109.00 (108.70 to 109.70): V





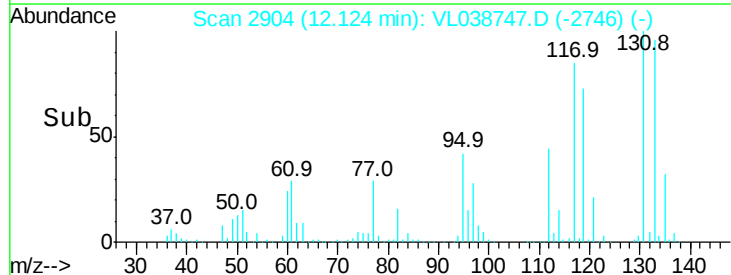
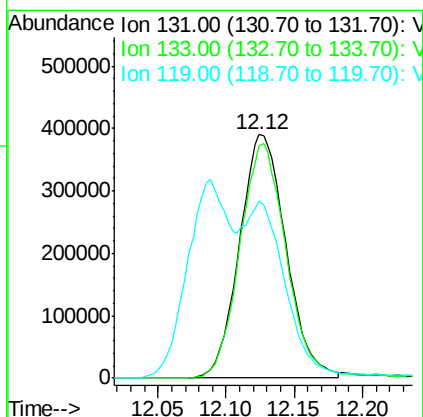
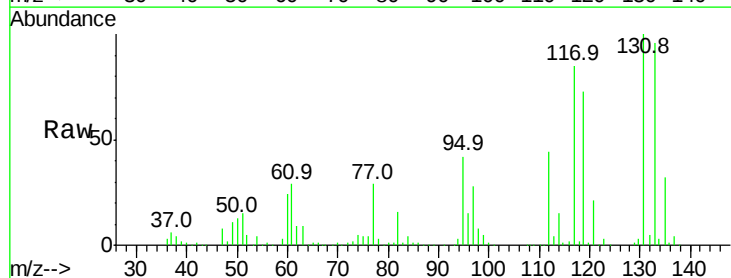
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 24 Mar 2022 12:05

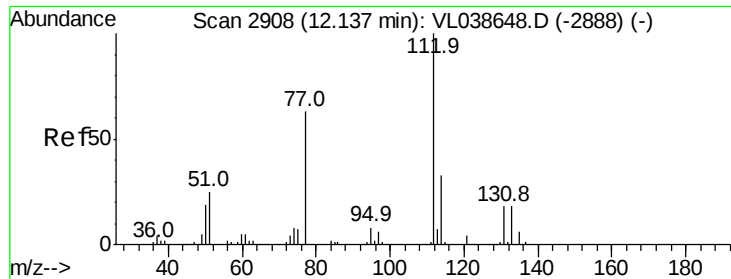
Tgt Ion:117 Resp: 2796655
Ion Ratio Lower Upper
117 100
82 50.4 51.6 77.4#
119 25.4 26.9 40.3#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.94 ppbv
RT: 12.12 min Scan# 2904
Delta R.T.: 0.01 min
Lab File: VL038747.D
Acq: 24 Mar 2022 12:05

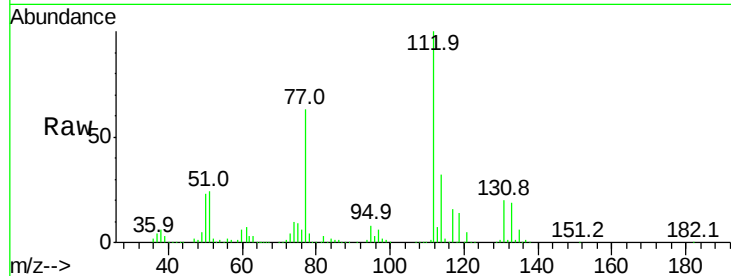
Tgt Ion:131 Resp: 920852
Ion Ratio Lower Upper
131 100
133 98.4 77.3 115.9
119 68.2 53.0 79.6



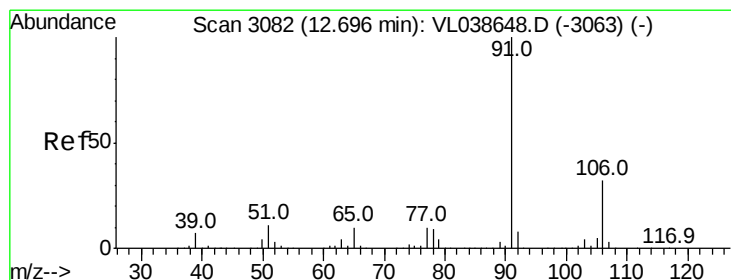
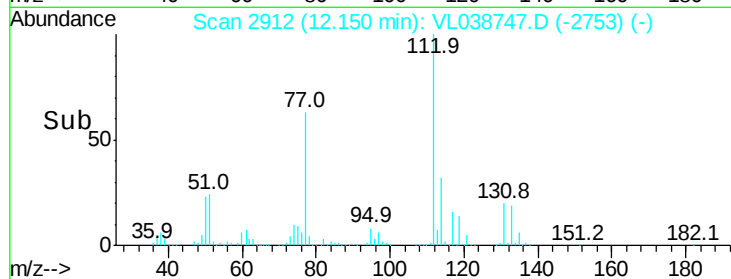
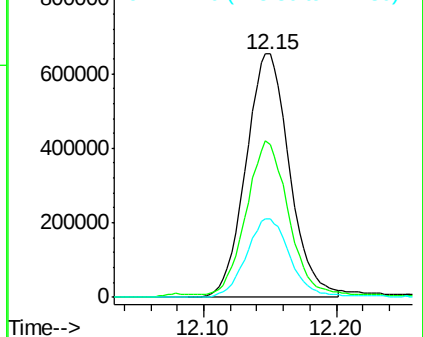


#57
Chlorobenzene
Concen: 7.42 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 24 Mar 2022 12:05

Tgt Ion: 112 Resp: 1495694
Ion Ratio Lower Upper
112 100
77 61.1 51.0 76.6
114 32.2 29.8 36.4

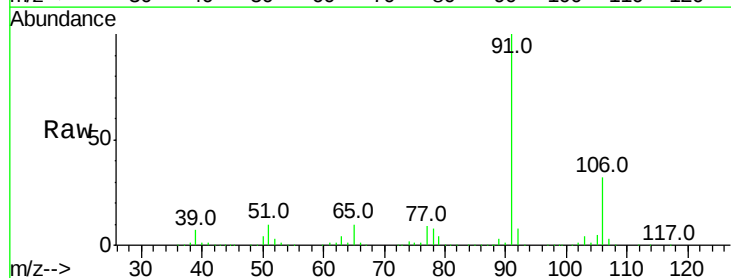


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

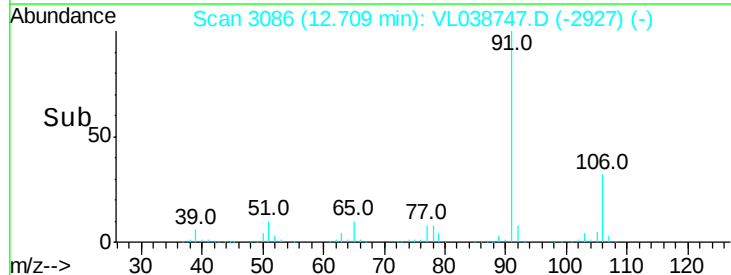
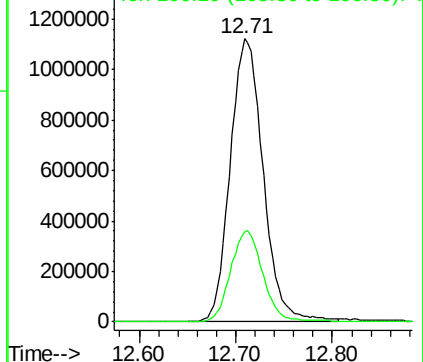


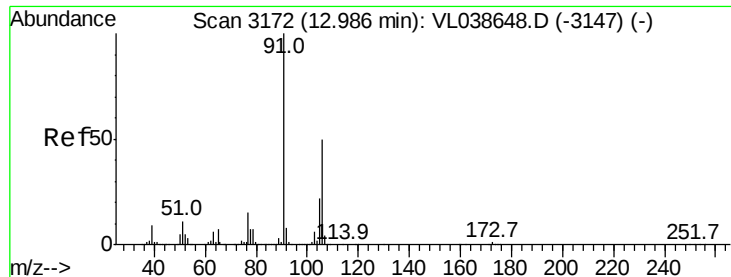
#58
Ethyl Benzene
Concen: 8.14 ppbv
RT: 12.71 min Scan# 3086
Delta R.T.: 0.01 min
Lab File: VL038747.D
Acq: 24 Mar 2022 12:05

Tgt Ion: 91 Resp: 2660732
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0



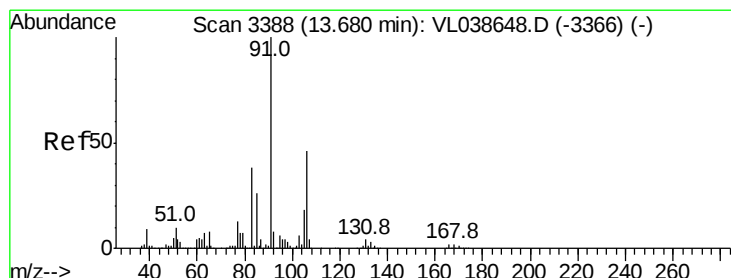
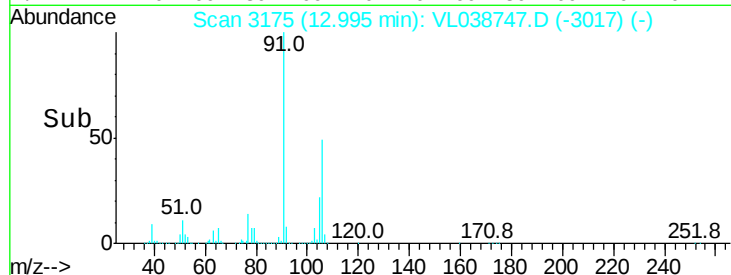
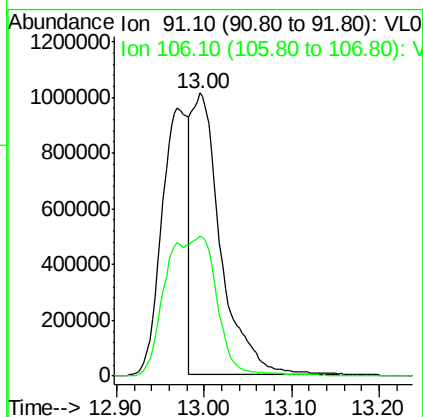
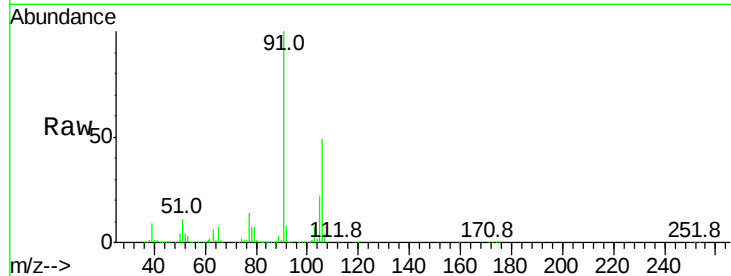
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





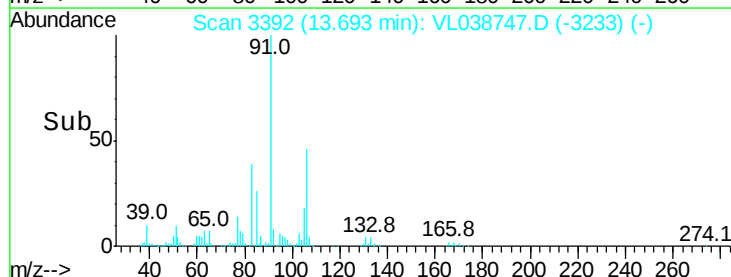
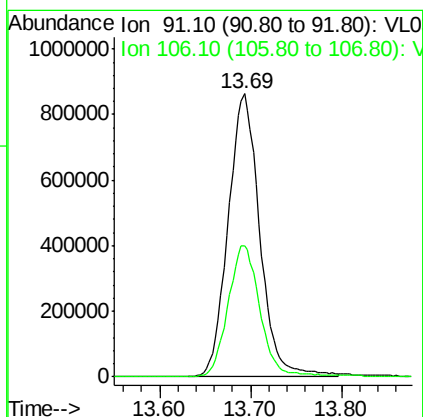
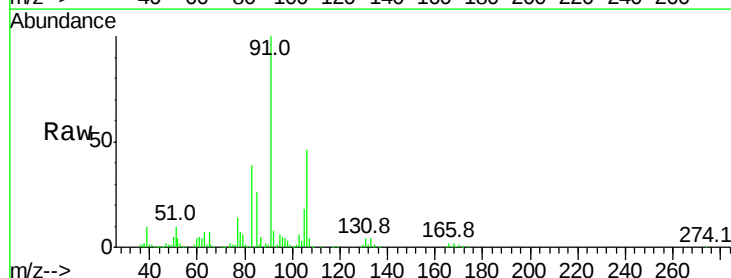
#59
m/p-Xylene
Concen: 8.13 ppbv
RT: 13.00 min
Delta R.T. 0.01 min
Lab File: VSTDCCC010EC
Acq: 24 Mar 2022 12:05

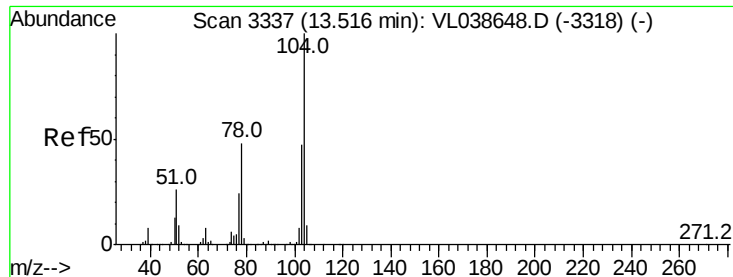
Tgt Ion: 91 Resp: 2324625
Ion Ratio Lower Upper
91 100
106 89.5 37.2 55.8#



#60
o-Xylene
Concen: 7.68 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.01 min
Lab File: VL038747.D
Acq: 24 Mar 2022 12:05

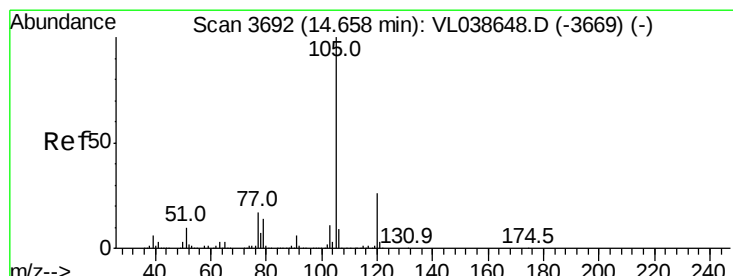
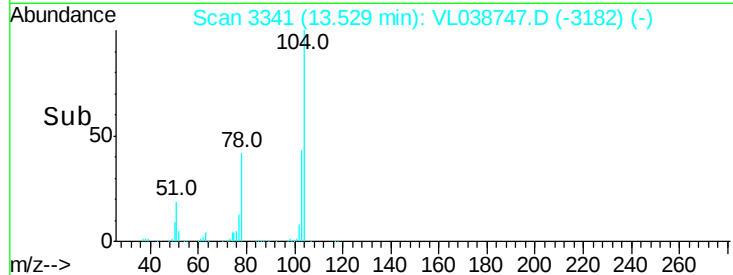
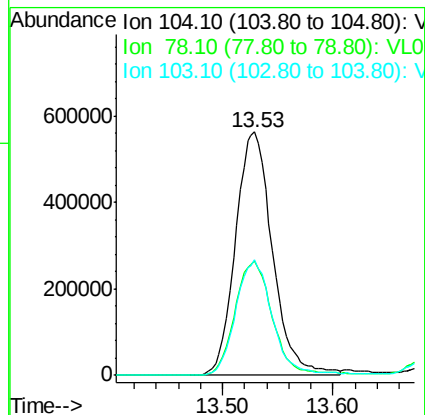
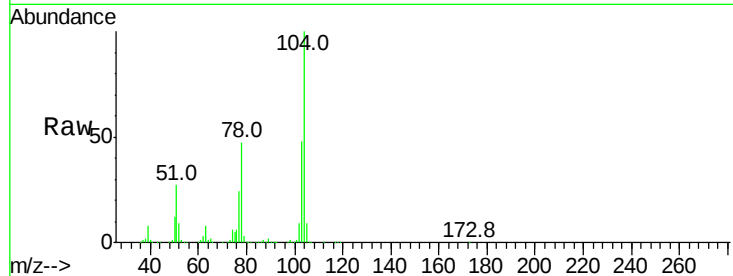
Tgt Ion: 91 Resp: 2084587
Ion Ratio Lower Upper
91 100
106 47.5 23.5 70.5





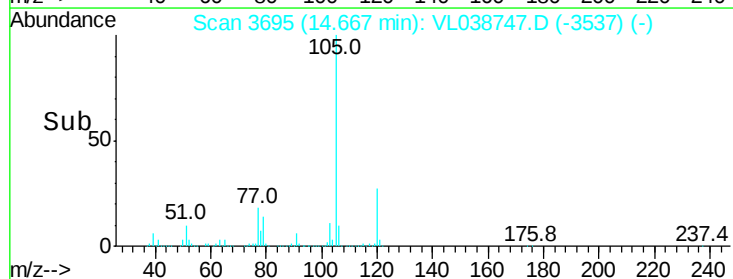
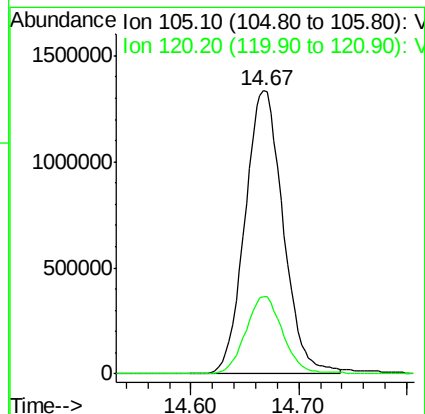
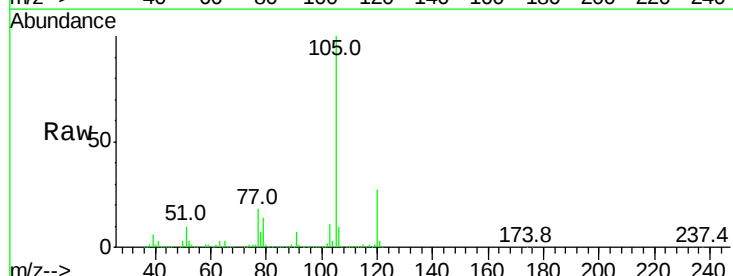
#61
 Styrene
 Concen: 8.90 ppbv
 RT: 13.53
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Mar 2022 12:05

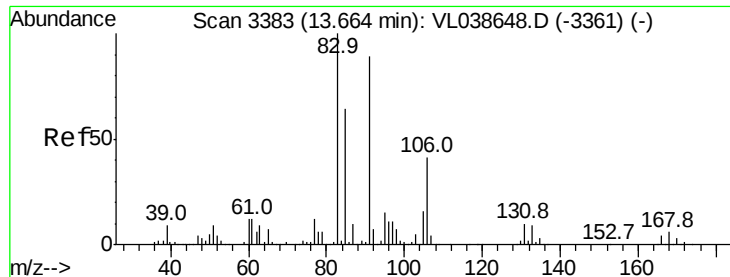
Tgt Ion:104 Resp: 1310197
 Ion Ratio Lower Upper
 104 100
 78 48.0 39.0 58.4
 103 47.4 37.8 56.8



#62
 Isopropylbenzene
 Concen: 8.04 ppbv
 RT: 14.67 min Scan# 3695
 Delta R.T. 0.01 min
 Lab File: VL038747.D
 Acq: 24 Mar 2022 12:05

Tgt Ion:105 Resp: 3281365
 Ion Ratio Lower Upper
 105 100
 120 27.0 21.2 31.8

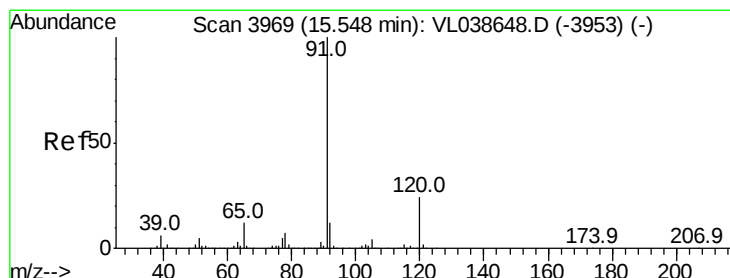
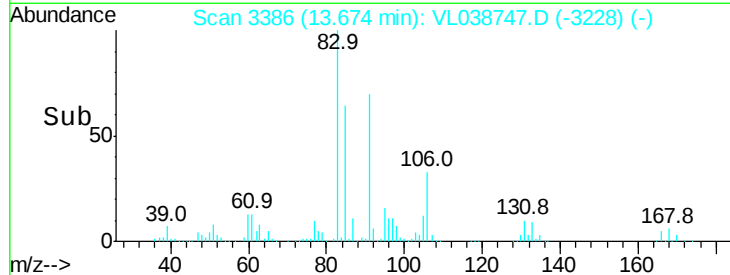
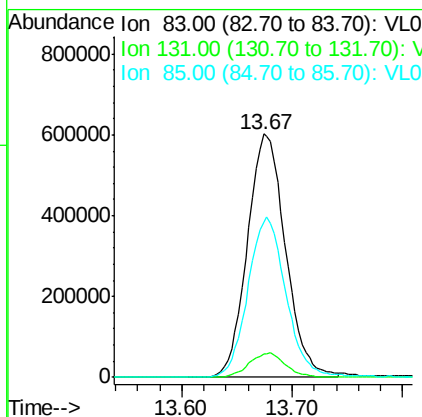
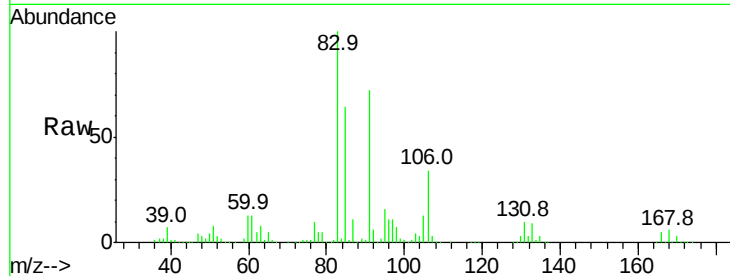




#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.88 ppbv
 RT: 13.67 min
 Delta R.T. 0.01 min
 Lab File: VL038648.D
 Acq: 24 Mar 2022 12:05

Tgt Ion: 83 Resp: 1447494

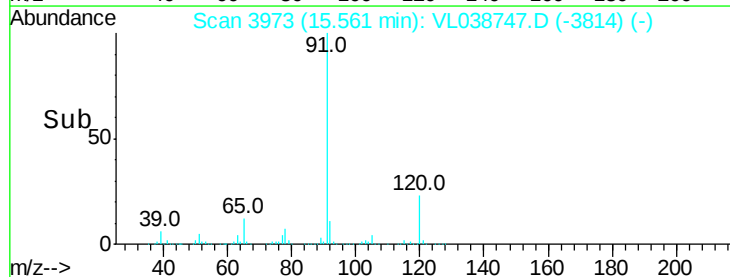
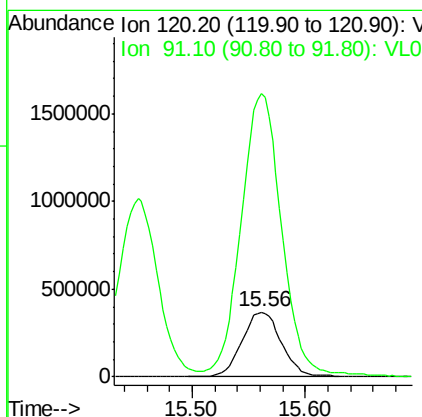
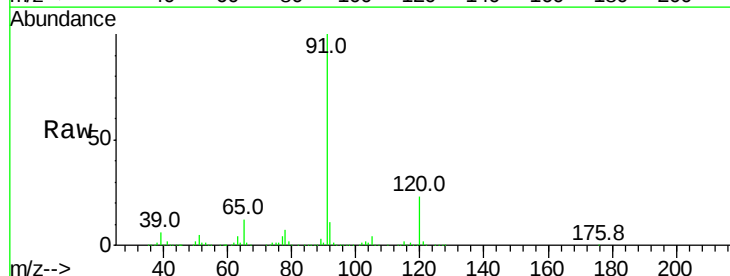
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.8	14.3
85	66.3	32.6	97.8

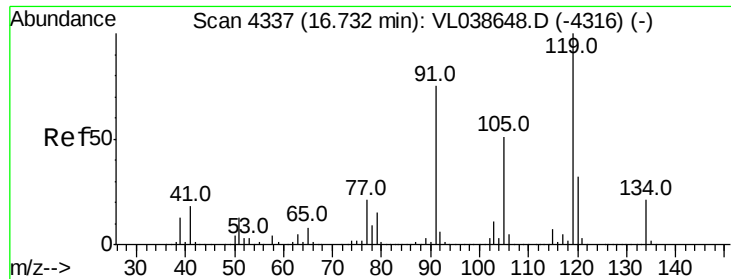


#64
 n-propylbenzene
 Concen: 8.34 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. 0.01 min
 Lab File: VL038747.D
 Acq: 24 Mar 2022 12:05

Tgt Ion: 120 Resp: 892957

Ion	Ratio	Lower	Upper
120	100		
91	452.0	368.0	552.0

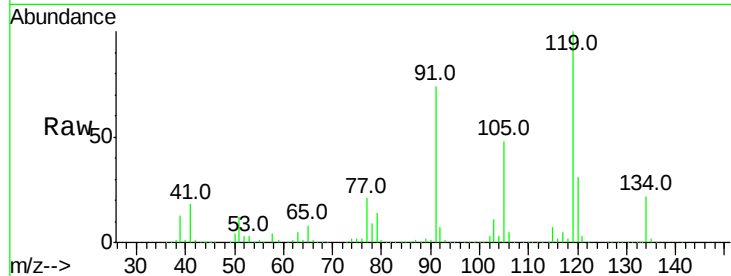




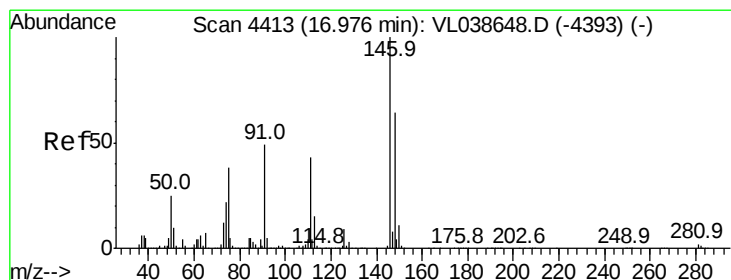
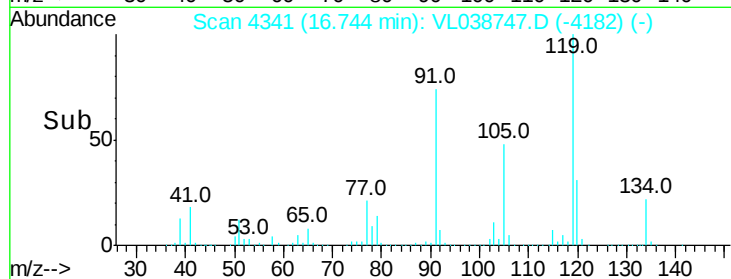
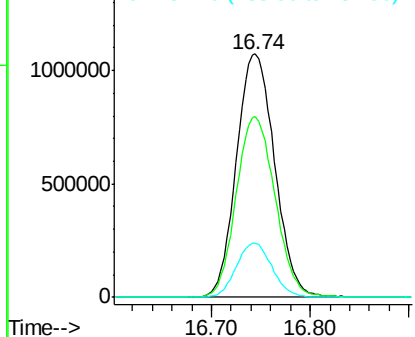
#65
 tert-Butylbenzene
 Concen: 7.86 ppbv
 RT: 16.74 min
 Delta R.T. 0.01 min
 Lab File: VL038747.D
 Acq: 24 Mar 2022 12:05

Tgt Ion: 119 Resp: 2882966

Ion	Ratio	Lower	Upper
119	100		
91	75.4	61.2	91.8
134	20.9	16.3	24.5



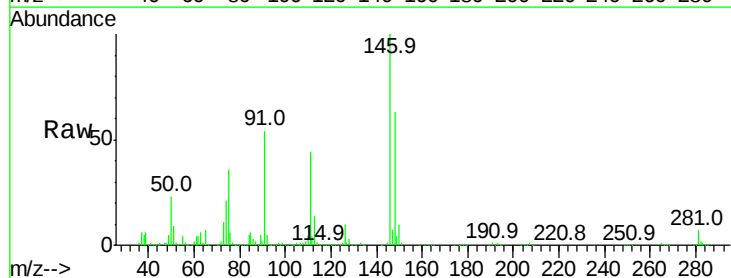
Abundance Ion 119.20 (118.90 to 119.90): V
 Ion 91.10 (90.80 to 91.80): V
 Ion 134.20 (133.90 to 134.90): V



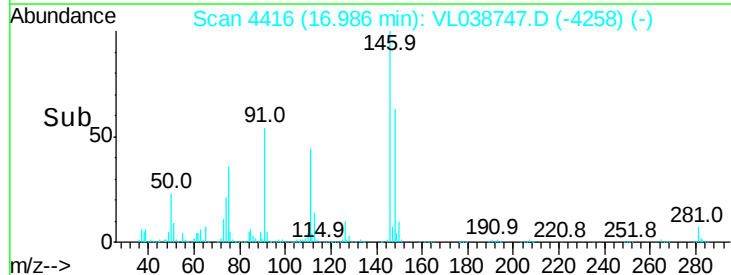
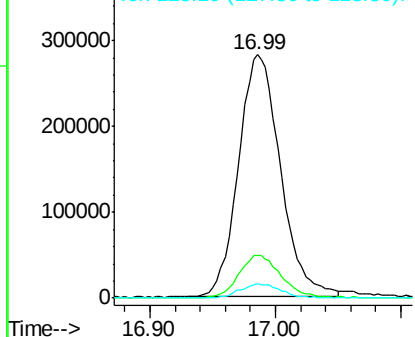
#66
 Benzyl Chloride
 Concen: 9.46 ppbv
 RT: 16.99 min Scan# 4416
 Delta R.T. 0.01 min
 Lab File: VL038747.D
 Acq: 24 Mar 2022 12:05

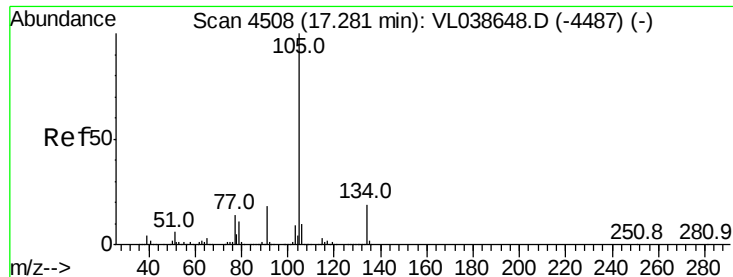
Tgt Ion: 91 Resp: 656978

Ion	Ratio	Lower	Upper
91	100		
126	18.1	14.3	21.5
128	5.8	4.6	6.8



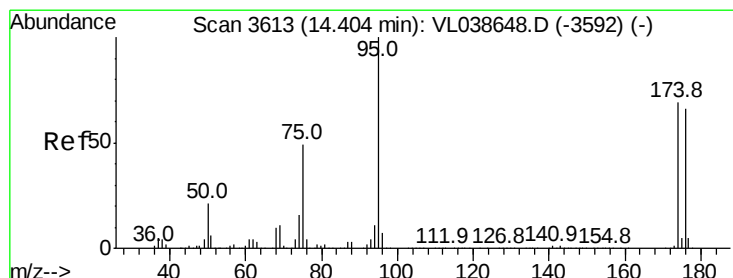
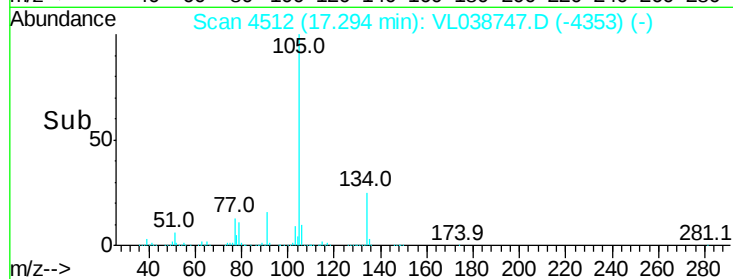
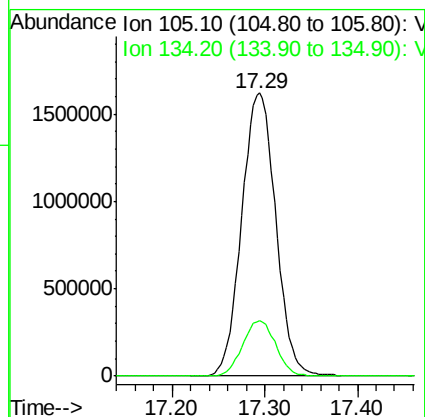
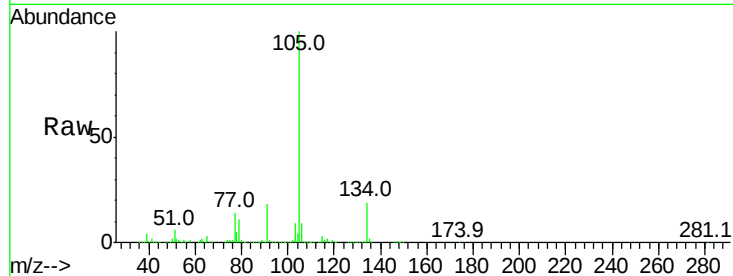
Abundance Ion 91.10 (90.80 to 91.80): V
 Ion 126.10 (125.80 to 126.80): V
 Ion 128.10 (127.80 to 128.80): V





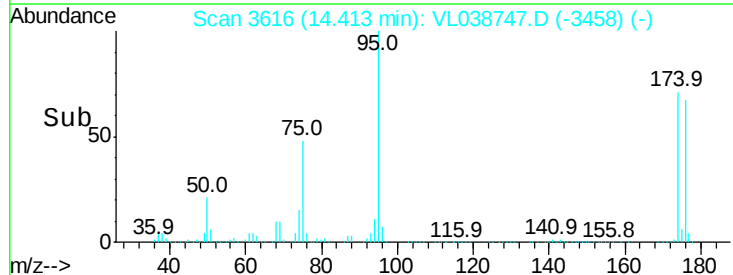
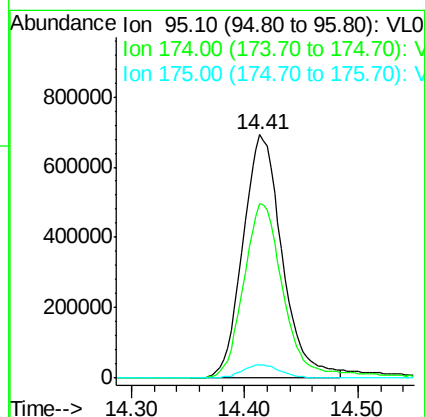
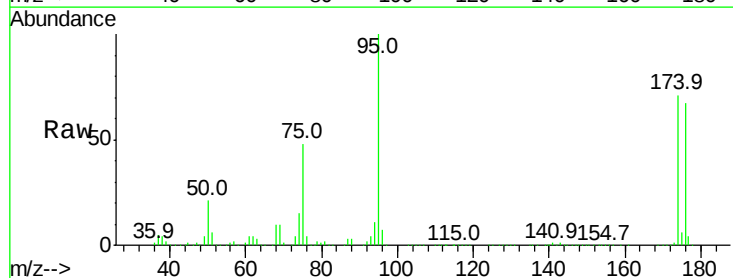
#67
 sec-Butylbenzene
 Concen: 7.86 ppbv
 RT: 17.29
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: VSTDCCC010EC
 Acq: 24 Mar 2022 12:05

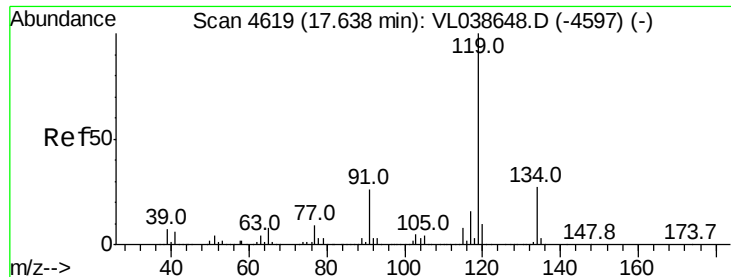
Tgt Ion: 105 Resp: 4125502
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.80 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T.: 0.01 min
 Lab File: VL038747.D
 Acq: 24 Mar 2022 12:05

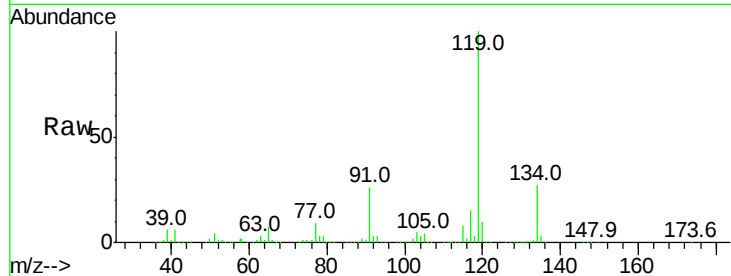
Tgt Ion: 95 Resp: 1672993
 Ion Ratio Lower Upper
 95 100
 174 74.3 56.1 84.1
 175 5.6 4.2 6.2



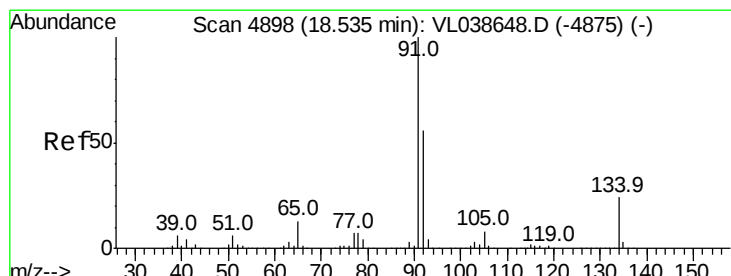
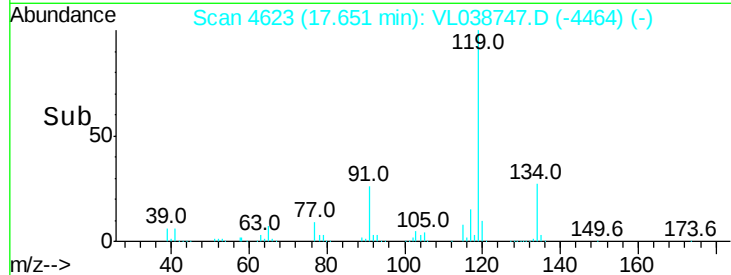
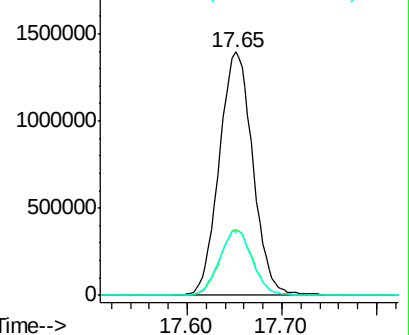


#69
 p-Isopropyltoluene
 Concen: 8.04 ppbv
 RT: 17.65 min
 Delta R.T. 0.01 min
 Lab File: VL038747.D
 Acq: 24 Mar 2022 12:05

Tgt Ion:	119	Resp:	3440249
Ion	Ratio	Lower	Upper
119	100		
134	26.6	21.2	31.8
91	26.7	21.4	32.2

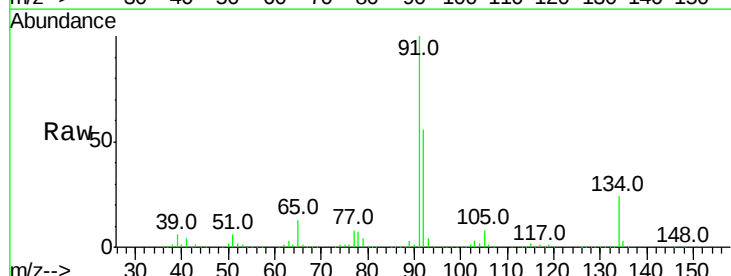


Abundance Ion 119.10 (118.80 to 119.80): VL038648.D (-4597) (-)
 Ion 134.20 (133.90 to 134.90): VL038648.D (-4597) (-)
 Ion 91.10 (90.80 to 91.80): VL038648.D (-4597) (-)

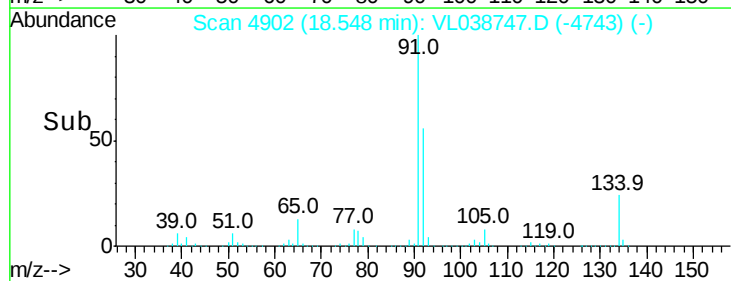
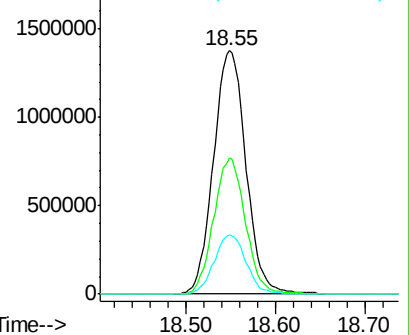


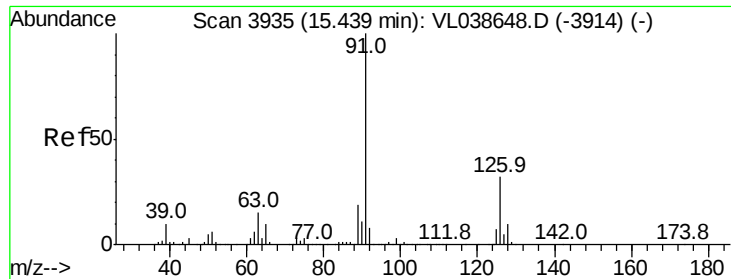
#70
 n-Butylbenzene
 Concen: 7.84 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. 0.01 min
 Lab File: VL038747.D
 Acq: 24 Mar 2022 12:05

Tgt Ion:	91	Resp:	3460334
Ion	Ratio	Lower	Upper
91	100		
92	54.9	43.9	65.9
134	24.2	18.7	28.1



Abundance Ion 91.10 (90.80 to 91.80): VL038648.D (-4875) (-)
 Ion 92.10 (91.80 to 92.80): VL038648.D (-4875) (-)
 Ion 134.20 (133.90 to 134.90): VL038648.D (-4875) (-)





#71

2-Chlorotoluene

Concen: 8.08 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

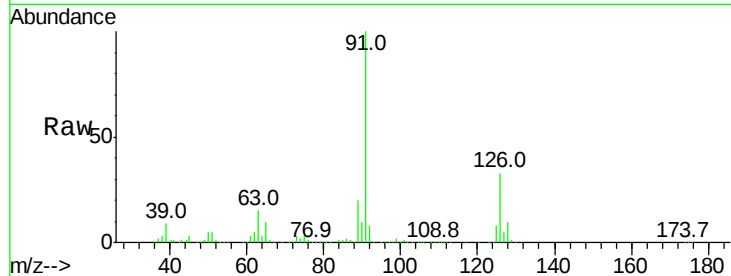
Acq: 24 Mar 2022 12:05

Tgt Ion: 91 Resp: 2446848

Ion Ratio Lower Upper

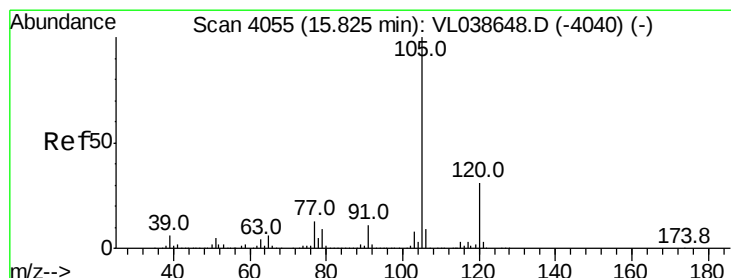
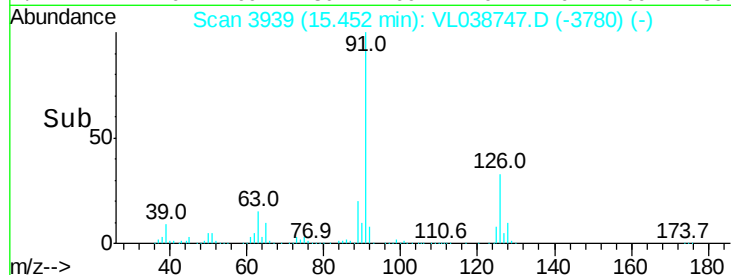
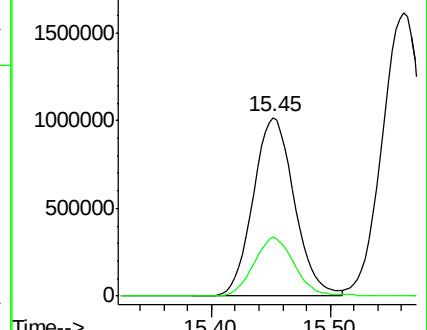
91 100

126 33.2 13.1 52.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 8.12 ppbv

RT: 15.84 min Scan# 4059

Delta R.T. 0.01 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

Tgt Ion:105 Resp: 2603231

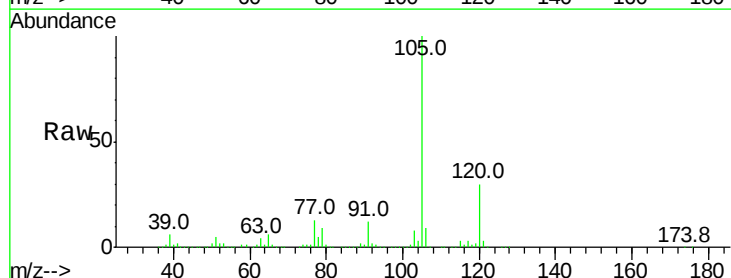
Ion Ratio Lower Upper

105 100

120 30.5 24.9 37.3

91 11.8 9.8 14.6

77 12.7 10.6 16.0

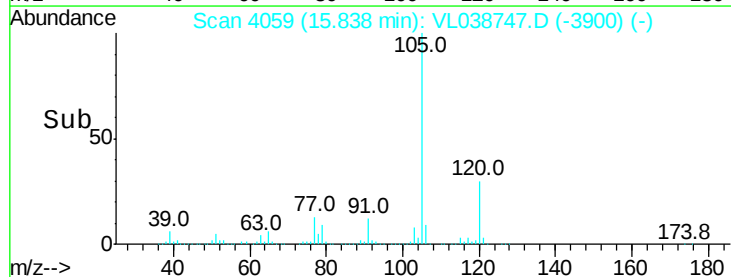
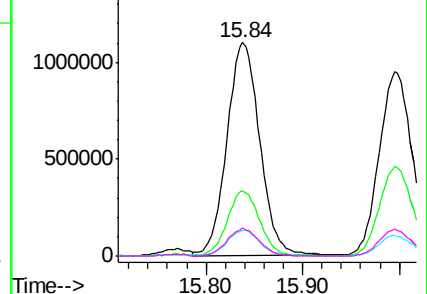


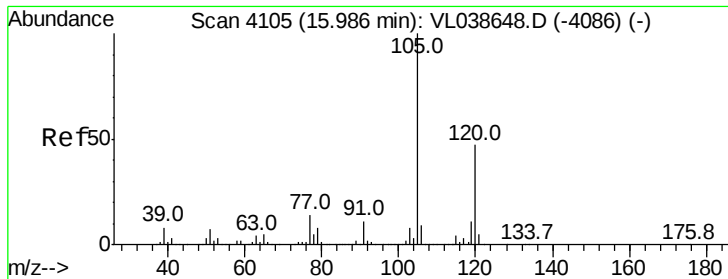
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

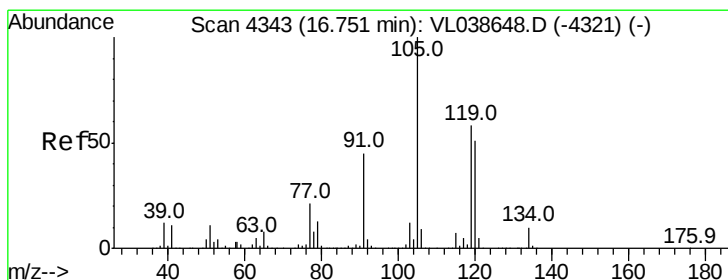
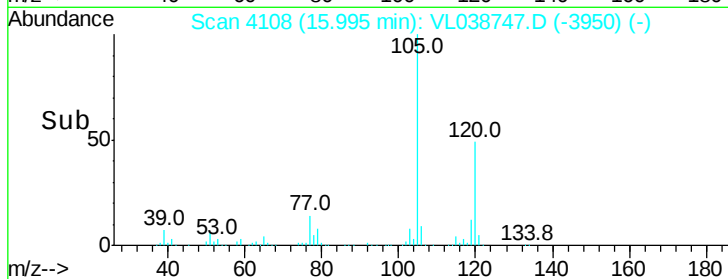
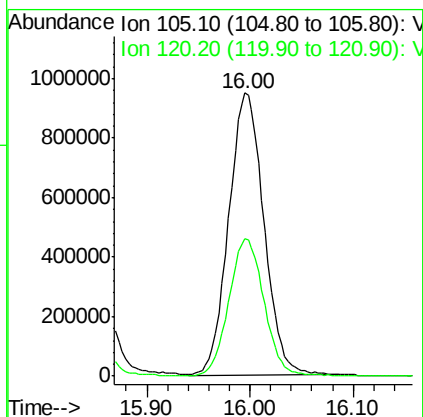
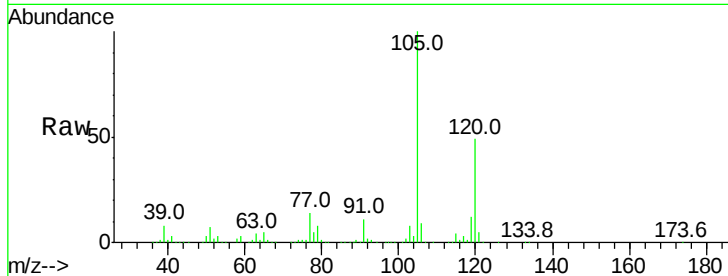
Ion 77.10 (76.80 to 77.80): VL0





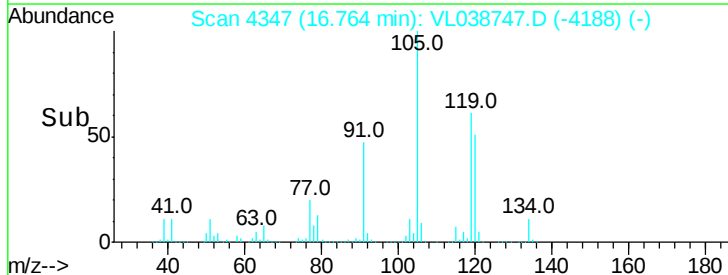
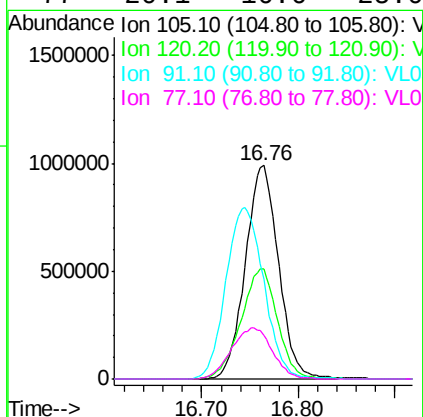
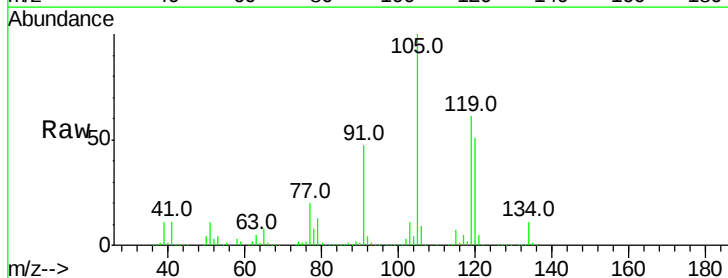
#73
 1,3,5-Trimethylbenzene
 Concen: 7.69 ppbv
 RT: 16.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 24 Mar 2022 12:05

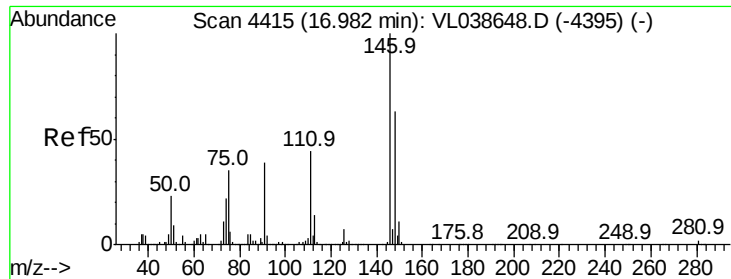
Tgt Ion:105 Resp: 2246194
 Ion Ratio Lower Upper
 105 100
 120 48.8 37.6 56.4



#74
 1,2,4-Trimethylbenzene
 Concen: 7.43 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. 0.01 min
 Lab File: VL038747.D
 Acq: 24 Mar 2022 12:05

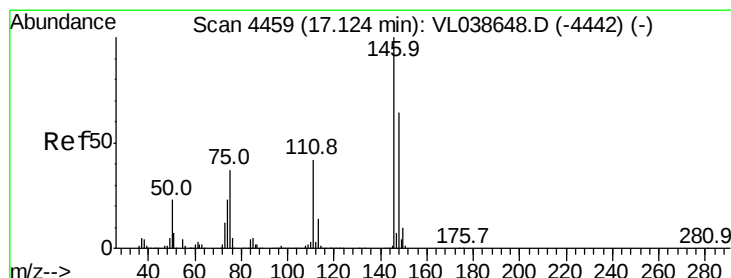
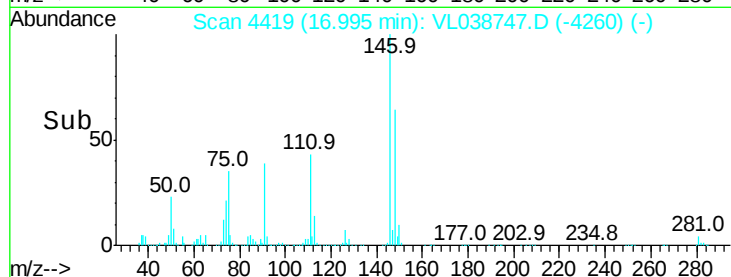
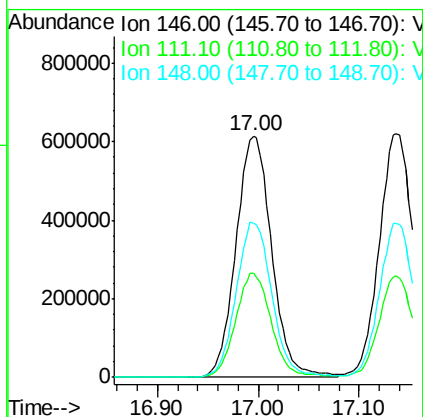
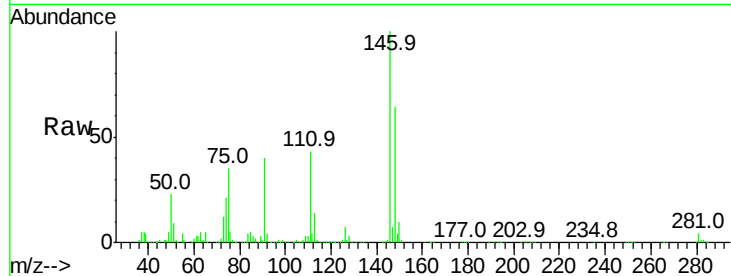
Tgt Ion:105 Resp: 2363404
 Ion Ratio Lower Upper
 105 100
 120 51.2 40.5 60.7
 91 46.6 35.9 53.9
 77 20.1 16.6 25.0





#75
 1,3-Dichlorobenzene
 Concen: 7.45 ppbv
 RT: 17.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 24 Mar 2022 12:05

Tgt Ion:146 Resp: 1509404
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.2 66.6
 148 64.4 32.5 97.5



#76
 1,4-Dichlorobenzene
 Concen: 7.31 ppbv
 RT: 17.14 min Scan# 4463
 Delta R.T. 0.01 min
 Lab File: VL038747.D
 Acq: 24 Mar 2022 12:05

Tgt Ion:146 Resp: 1473123
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.4 64.2
 148 65.9 32.1 96.3

