

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041247.D
 Acq On : 8 May 2024 17:10
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: May 09 02:52:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu May 09 02:43:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.221	49	819912	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.681	114	2174681	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	2118976	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.806	95	1609752	10.063	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.755	85	1398323	12.608	ppbv	99
3) Chlorodifluoromethane	2.700	51	1329953	10.680	ppbv	99
4) Chloromethane	2.838	50	491172	10.052	ppbv	97
5) Vinyl Chloride	2.948	62	508392	10.357	ppbv	98
6) Bromomethane	3.147	94	174247	9.729	ppbv	91
7) Chloroethane	3.221	64	174625	10.076	ppbv	91
8) Dichlorotetrafluoroethane	2.883	85	1215172	10.586	ppbv	98
9) Propene	2.719	41	477467	9.798	ppbv	98
10) Heptane	7.610	43	1165224	9.869	ppbv	99
11) Trichlorofluoromethane	3.591	101	1247395	11.067	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.095	101	882886	10.592	ppbv	97
13) Ethanol	3.269	45	102525	9.385	ppbv	99
14) Bromoethene	3.391	108	366987	10.668	ppbv	99
15) Acetone	3.494	43	916649	9.473	ppbv	97
16) 1,3-Butadiene	3.012	39	509782	10.436	ppbv	98
17) tert-Butyl alcohol	3.903	59	915168	8.767	ppbv	99
18) 1,1-Dichloroethene	3.906	96	372933	10.035	ppbv	99
19) Isopropyl Alcohol	3.600	45	606999	9.560	ppbv #	46
20) Methylene Chloride	3.957	84	313368	9.313	ppbv	99
21) Allyl Chloride	4.025	41	624021	9.890	ppbv	98
22) trans-1,2-Dichloroethene	4.472	96	398995	10.323	ppbv	96
23) Vinyl Acetate	4.655	43	1045545	9.812	ppbv	99
24) 1,1-Dichloroethane	4.591	63	856646	10.339	ppbv	99
25) Ethyl Acetate	5.230	43	1920623	9.944	ppbv	99
26) Hexane	5.240	57	847125	9.828	ppbv	98
27) Carbon Disulfide	4.150	76	1020394	10.001	ppbv	95
28) Methyl tert-Butyl Ether	4.613	73	612501	8.925	ppbv	98
29) Chloroform	5.304	83	1309287	11.011	ppbv	100
30) Cyclohexane	6.629	84	705573	10.341	ppbv	97
31) cis-1,2-Dichloroethene	5.105	61	858456	10.639	ppbv	96
32) 1,1,1-Trichloroethane	6.031	97	1303224	10.985	ppbv	98
34) 2-Butanone	4.812	43	1163105	10.508	ppbv	99
35) Carbon Tetrachloride	6.523	117	1343744	11.010	ppbv	98
36) Benzene	6.401	78	1774222	9.722	ppbv	99
37) 1,2-Dichloroethane	5.835	62	1049363	11.021	ppbv	99
38) Trichloroethene	7.324	130	699370	10.284	ppbv	94
39) 1,2-Dichloropropane	7.102	63	685062	9.740	ppbv	98
40) 1,4-Dioxane	7.314	88	240580	9.575	ppbv #	1
41) Tetrahydrofuran	5.584	42	751105	9.374	ppbv	99
42) Bromodichloromethane	7.282	83	1474595	10.798	ppbv	98
43) Methyl Methacrylate	7.500	69	728503	9.870	ppbv	100
44) 2,2,4-Trimethylpentane	7.356	57	3001620	9.539	ppbv	100
45) t-1,3-Dichloropropene	8.742	75	513131	9.594	ppbv	98

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Instrument :
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 VSTDCCC010EC

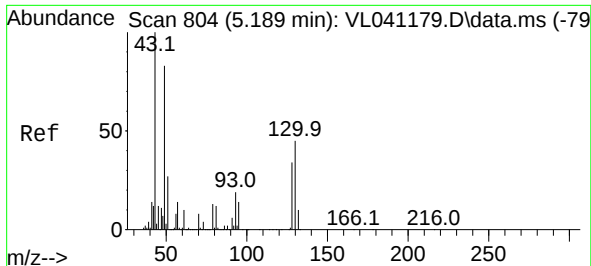
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu May 09 02:43:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.172	75	626662	9.570	ppbv	99
47) 1,1,2-Trichloroethane	8.931	97	743320	10.559	ppbv	97
48) Dibromochloromethane	9.742	129	1261490	11.247	ppbv	99
49) Bromoform	12.439	173	1048601	10.990	ppbv	100
50) 4-Methyl-2-Pentanone	8.208	43	1871686	9.423	ppbv	99
51) 2-Hexanone	9.578	43	1367712	9.283	ppbv #	97
52) Tetrachloroethene	10.648	164	628606	9.800	ppbv	97
53) Toluene	9.250	91	2100305	9.925	ppbv	99
54) 1,2-Dibromoethane	10.037	107	1024055	10.740	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.539	131	918361	10.688	ppbv	100
57) Chlorobenzene	11.558	112	1588281	10.235	ppbv	97
58) Ethyl Benzene	12.118	91	2829747	9.739	ppbv	99
59) m/p-Xylene	12.401	91	2554029	10.459	ppbv #	40
60) o-Xylene	13.089	91	2264019	9.891	ppbv	100
61) Styrene	12.928	104	1227983	10.155	ppbv	98
62) Isopropylbenzene	14.060	105	3399532	9.929	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.079	83	1596935	10.235	ppbv	100
64) n-propylbenzene	14.947	120	899631	10.532	ppbv	95
65) tert-Butylbenzene	16.121	119	2994135	9.764	ppbv	100
66) Benzyl Chloride	16.359	91	171552	4.942	ppbv	100
67) sec-Butylbenzene	16.664	105	4267104	9.885	ppbv	99
69) p-Isopropyltoluene	17.024	119	3549306	9.977	ppbv	100
70) n-Butylbenzene	17.915	91	3682262	9.911	ppbv	100
71) 2-Chlorotoluene	14.831	91	2610607	10.014	ppbv	99
72) 4-Ethyltoluene	15.224	105	2729801	10.528	ppbv	98
73) 1,3,5-Trimethylbenzene	15.381	105	2383711	10.161	ppbv	100
74) 1,2,4-Trimethylbenzene	16.137	105	2575124	10.051	ppbv	99
75) 1,3-Dichlorobenzene	16.362	146	1553038	10.571	ppbv	99
76) 1,4-Dichlorobenzene	16.503	146	1514104	10.717	ppbv	100
77) 1,2-Dichlorobenzene	17.172	146	1501237	10.223	ppbv	99
78) Hexachloro-1,3-Butadiene	22.664	225	1069407	8.193	ppbv	99
79) Naphthalene	21.413	128	2569903	10.533	ppbv	98
80) Naphthalene,2-methyl-	24.397	142	783563	7.983	ppbv	99
81) 1,2,4-Trichlorobenzene	21.169	180	1228719	9.538	ppbv	100

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

Quant Time: May 09 02:52:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu May 09 02:43:03 2024
Response via : Initial Calibration

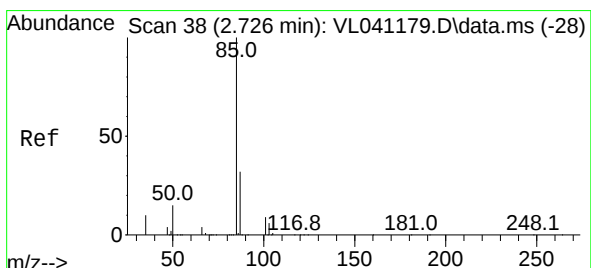
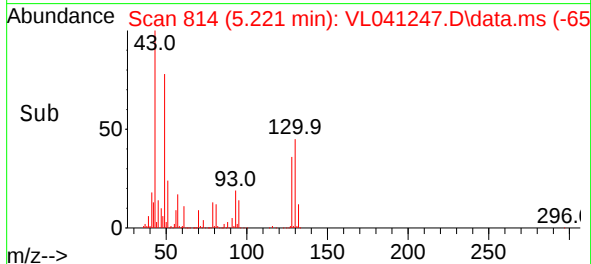
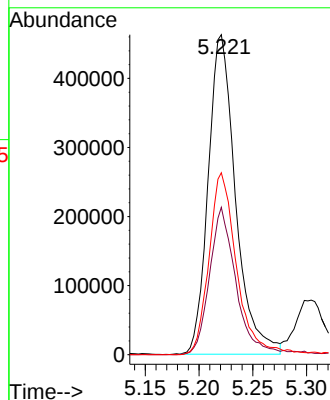
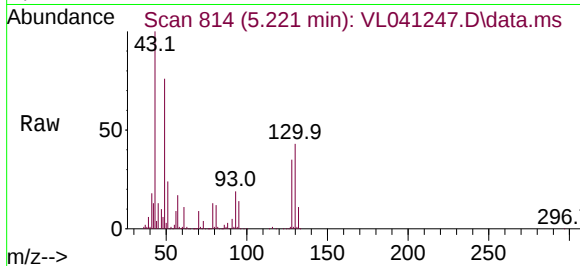




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.221 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

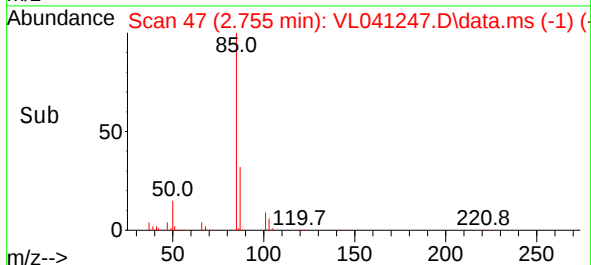
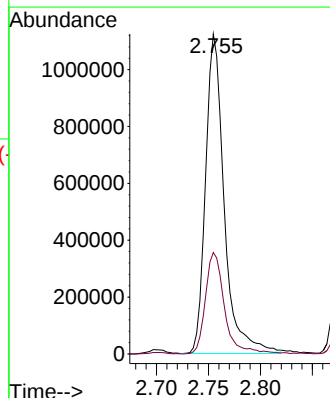
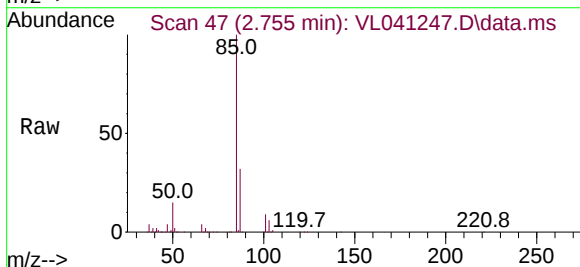
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

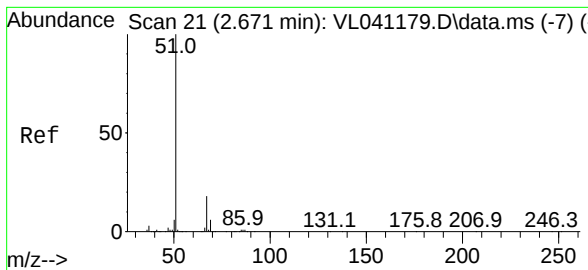
Tgt Ion: 49 Resp: 819912
Ion Ratio Lower Upper
49 100
128 45.5 21.5 64.5
130 58.5 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 12.608 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion: 85 Resp: 1398323
Ion Ratio Lower Upper
85 100
87 31.7 25.7 38.5

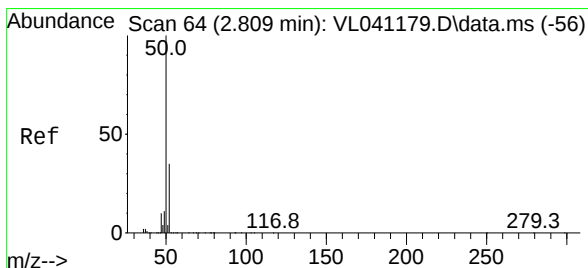
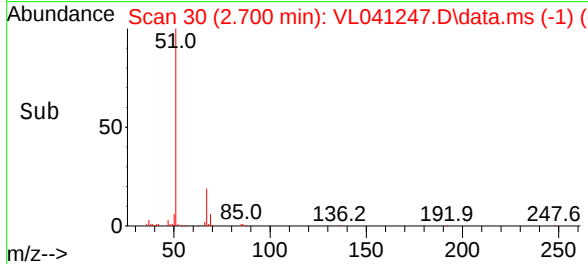
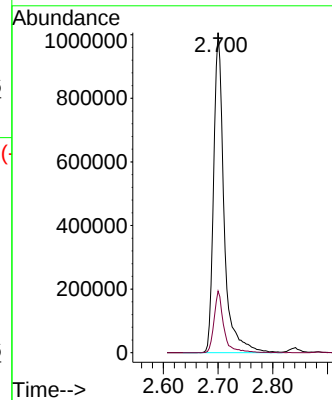
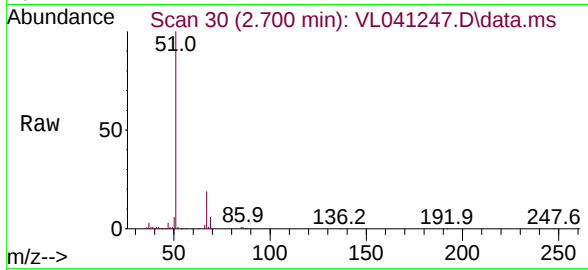




#3
Chlorodifluoromethane
Concen: 10.680 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

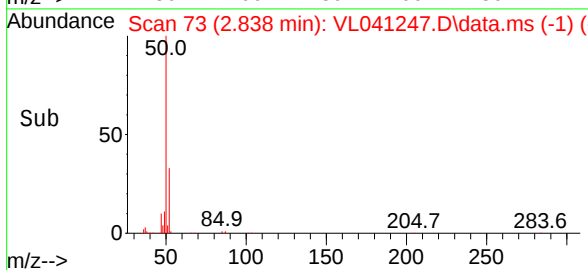
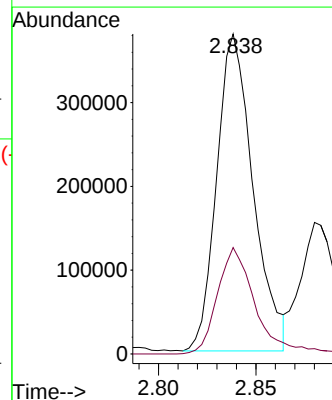
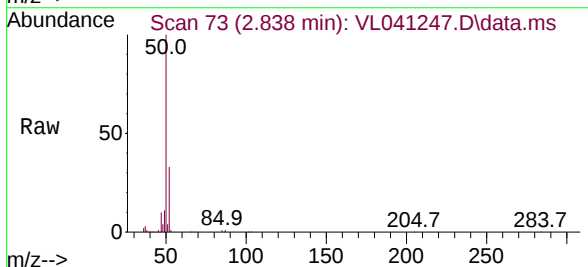
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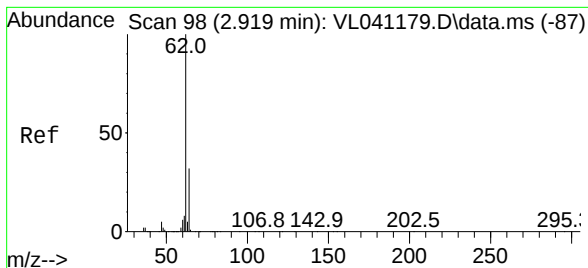
Tgt Ion: 51 Resp: 1329953
Ion Ratio Lower Upper
51 100
67 18.1 14.0 21.0



#4
Chloromethane
Concen: 10.052 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.006 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion: 50 Resp: 491172
Ion Ratio Lower Upper
50 100
52 33.4 28.3 42.5

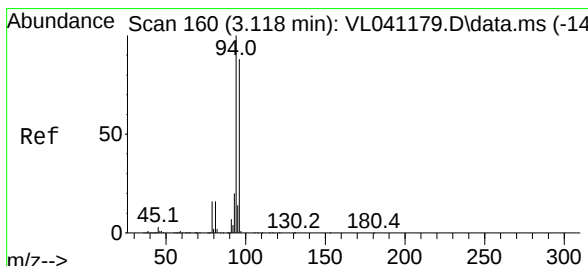
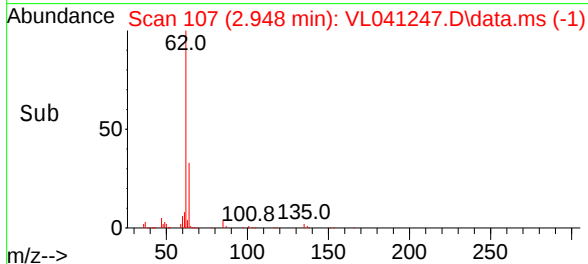
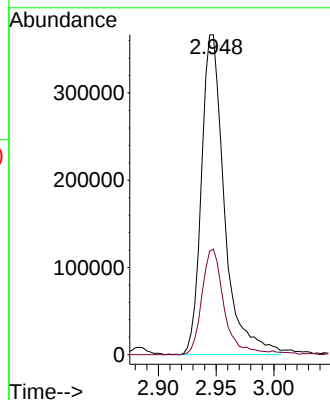
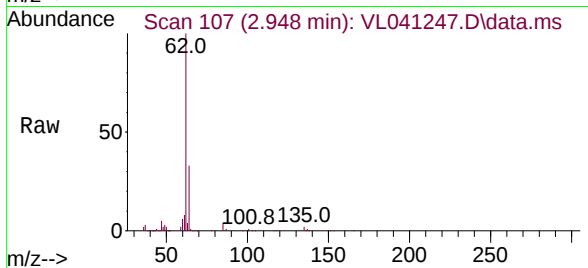




#5
 Vinyl Chloride
 Concen: 10.357 ppbv
 RT: 2.948 min Scan# 107
 Delta R.T. 0.010 min
 Lab File: VL041247.D
 Acq: 8 May 2024 17:10

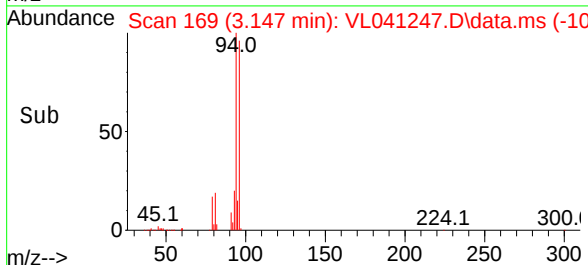
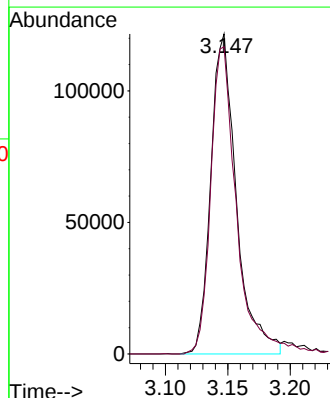
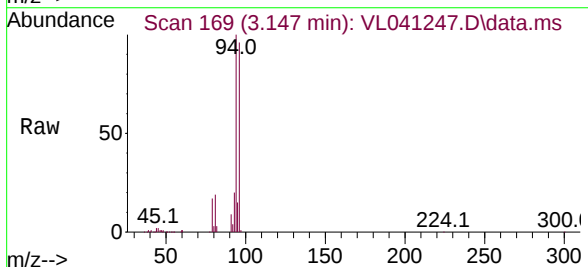
Instrument :
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 ClientSampleId :
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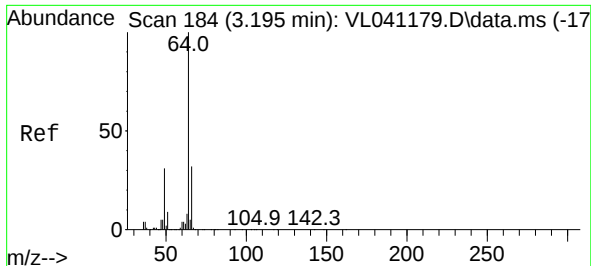
Tgt Ion: 62 Resp: 508392
 Ion Ratio Lower Upper
 62 100
 64 33.0 25.7 38.5



#6
 Bromomethane
 Concen: 9.729 ppbv
 RT: 3.147 min Scan# 169
 Delta R.T. 0.010 min
 Lab File: VL041247.D
 Acq: 8 May 2024 17:10

Tgt Ion: 94 Resp: 174247
 Ion Ratio Lower Upper
 94 100
 96 96.0 70.1 105.1

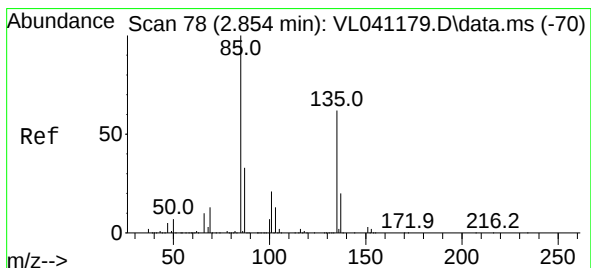
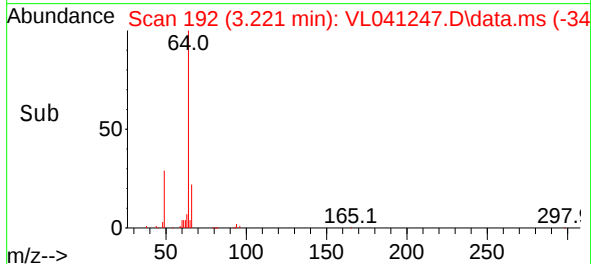
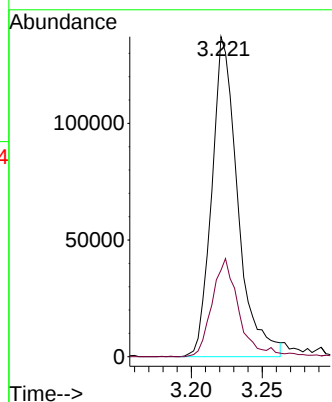
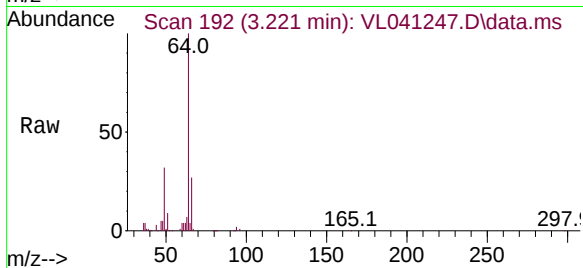




#7
Chloroethane
Concen: 10.076 ppbv
RT: 3.221 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

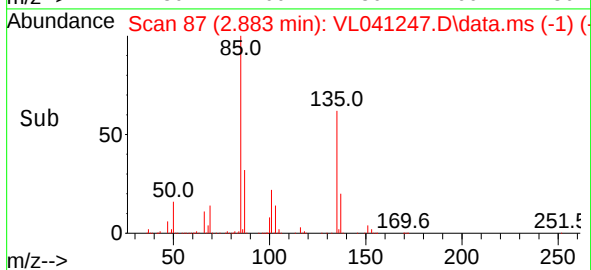
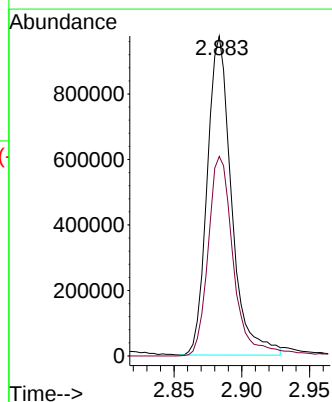
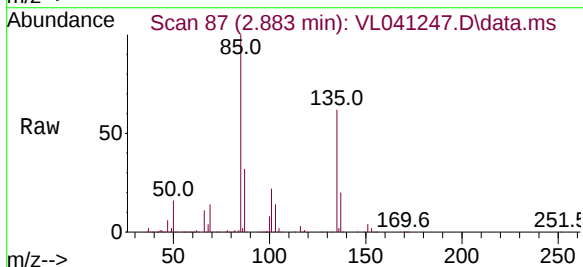
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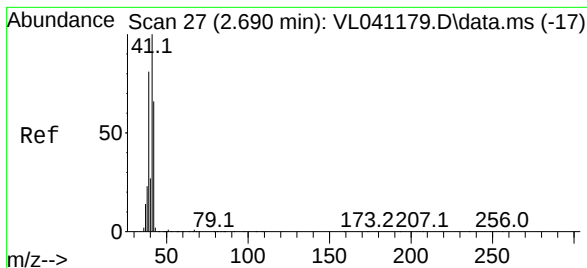
Tgt Ion: 64 Resp: 174625
Ion Ratio Lower Upper
64 100
66 27.0 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 10.586 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion: 85 Resp: 1215172
Ion Ratio Lower Upper
85 100
135 66.3 51.5 77.3





#9

Propene

Concen: 9.798 ppbv

RT: 2.719 min Scan# 30

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

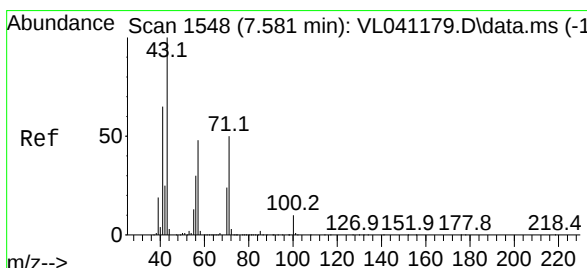
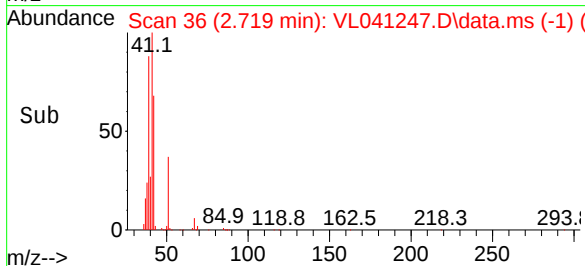
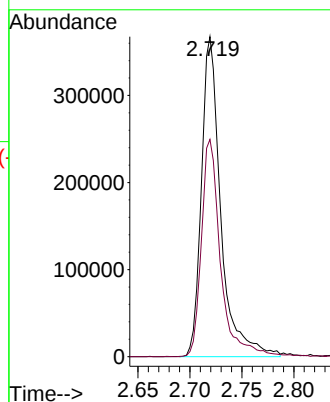
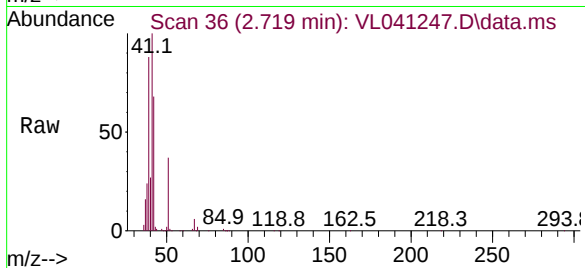
VSTDCCC010EC

Tgt Ion: 41 Resp: 477467

Ion Ratio Lower Upper

41 100

42 67.7 55.3 82.9



#10

Heptane

Concen: 9.869 ppbv

RT: 7.610 min Scan# 1557

Delta R.T. 0.010 min

Lab File: VL041247.D

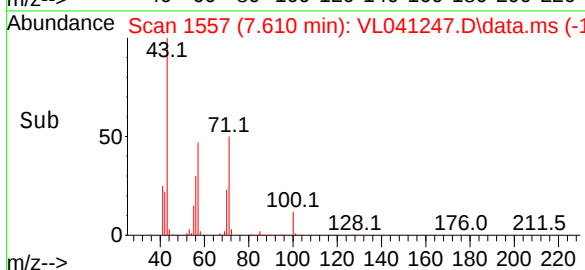
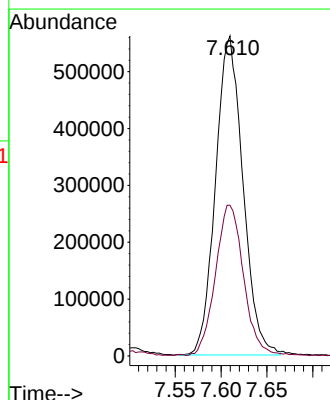
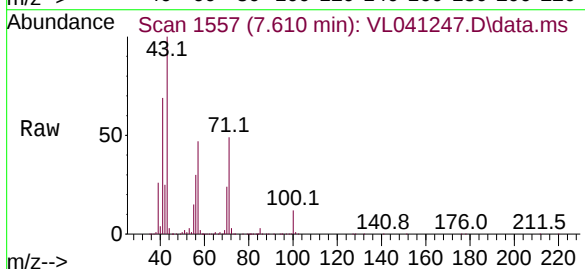
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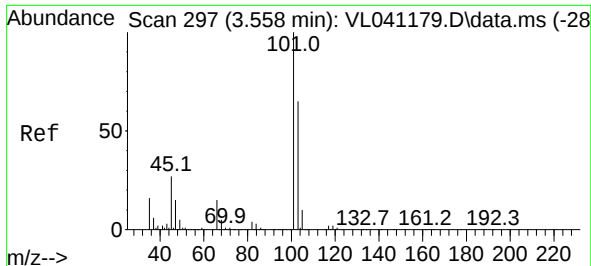
Tgt Ion: 43 Resp: 1165224

Ion Ratio Lower Upper

43 100

57 48.8 38.7 58.1

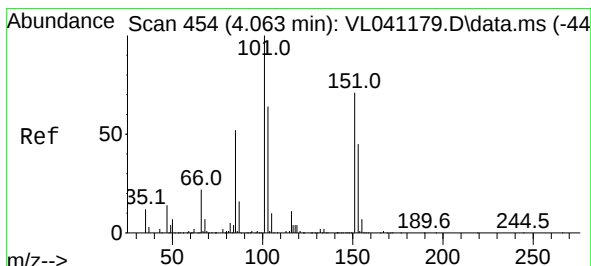
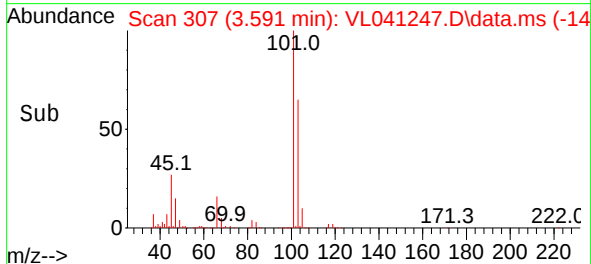
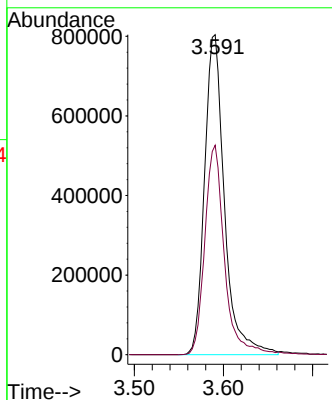
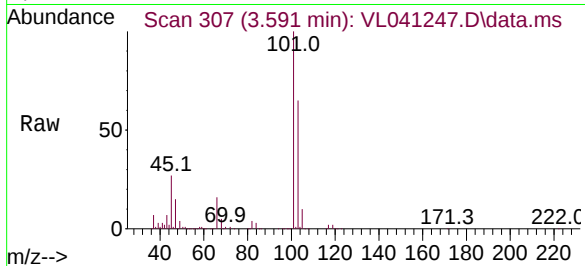




#11
 Trichlorofluoromethane
 Concen: 11.067 ppbv
 RT: 3.591 min Scan# 307
 Delta R.T. 0.010 min
 Lab File: VL041247.D
 Acq: 8 May 2024 17:10

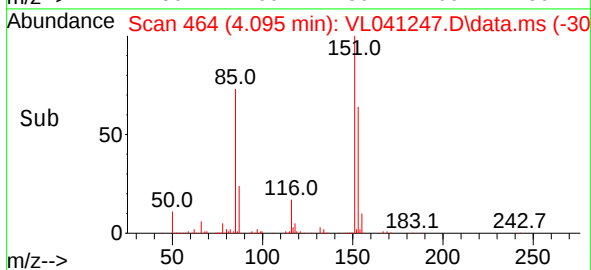
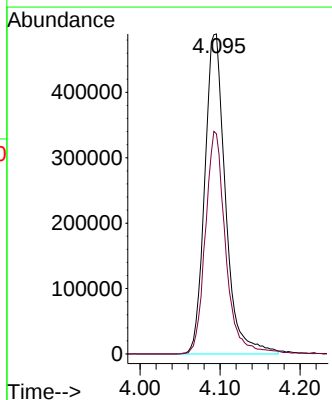
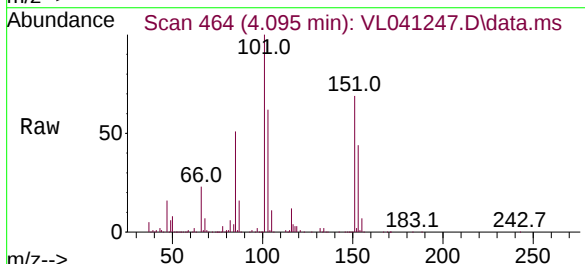
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

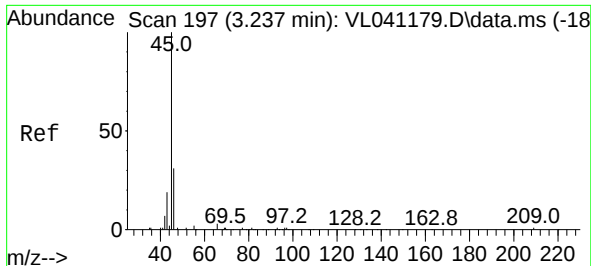
Tgt Ion:101 Resp: 1247395
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.592 ppbv
 RT: 4.095 min Scan# 464
 Delta R.T. 0.013 min
 Lab File: VL041247.D
 Acq: 8 May 2024 17:10

Tgt Ion:101 Resp: 882886
 Ion Ratio Lower Upper
 101 100
 151 68.3 56.8 85.2





#13

Ethanol

Concen: 9.385 ppbv

RT: 3.269 min Scan# 207

Delta R.T. 0.013 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

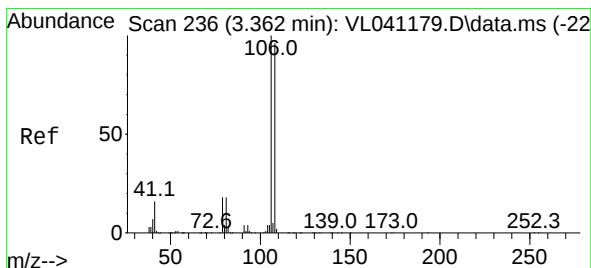
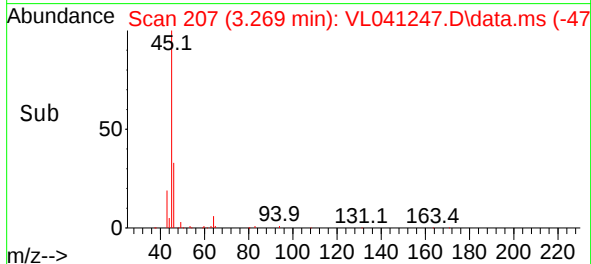
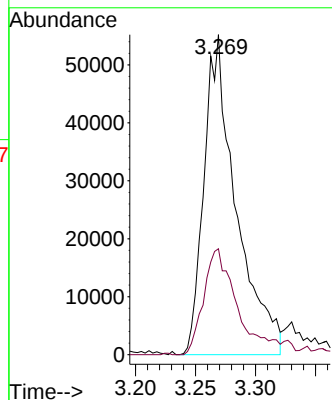
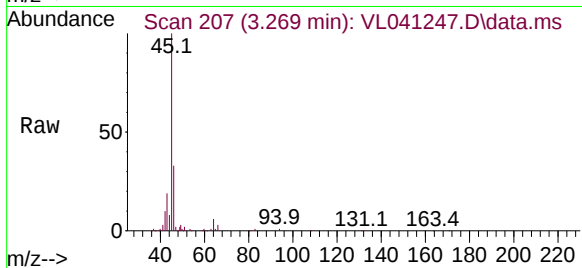
VSTDCCC010EC

Tgt Ion: 45 Resp: 102525

Ion Ratio Lower Upper

45 100

46 37.5 14.8 59.0



#14

Bromoethene

Concen: 10.668 ppbv

RT: 3.391 min Scan# 245

Delta R.T. 0.006 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

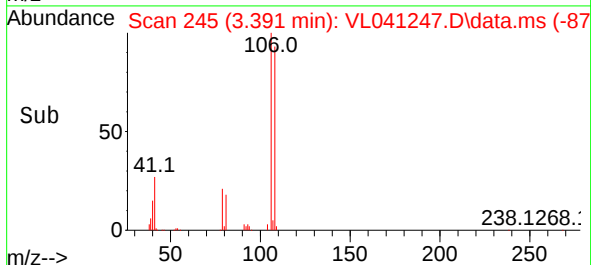
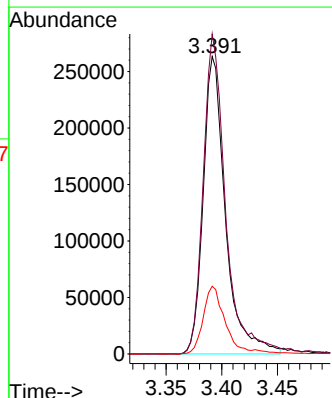
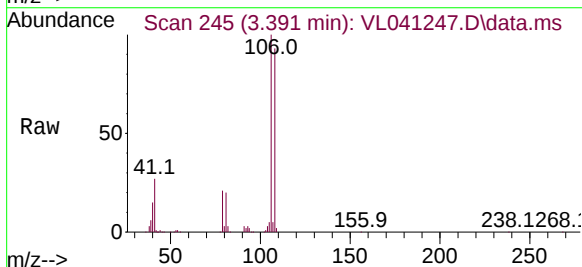
Tgt Ion: 108 Resp: 366987

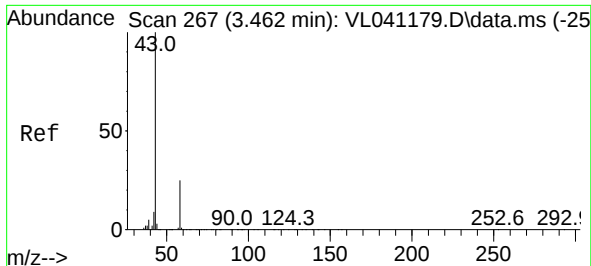
Ion Ratio Lower Upper

108 100

106 109.6 88.2 132.4

79 23.2 17.4 26.0





#15

Acetone

Concen: 9.473 ppbv

RT: 3.494 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

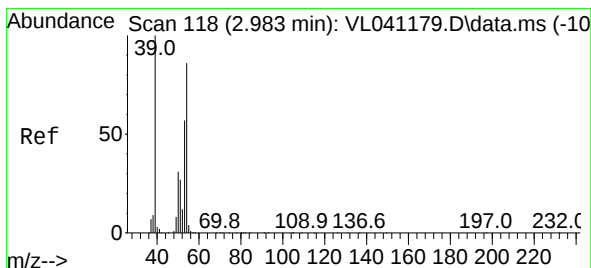
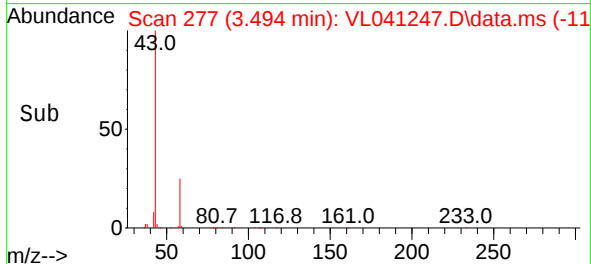
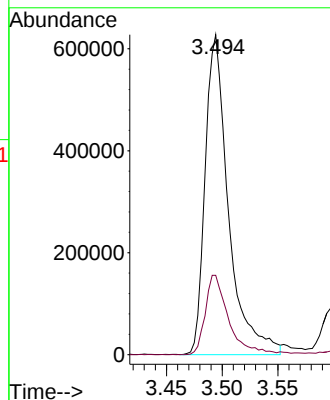
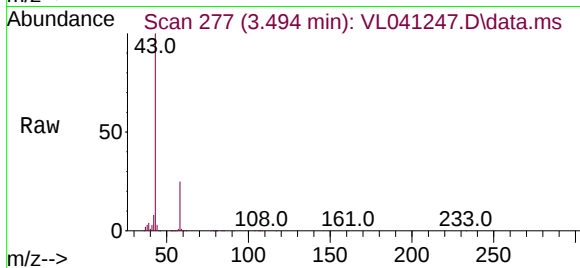
VSTDCCC010EC

Tgt Ion: 43 Resp: 916649

Ion Ratio Lower Upper

43 100

58 25.2 21.4 32.0



#16

1,3-Butadiene

Concen: 10.436 ppbv

RT: 3.012 min Scan# 127

Delta R.T. 0.010 min

Lab File: VL041247.D

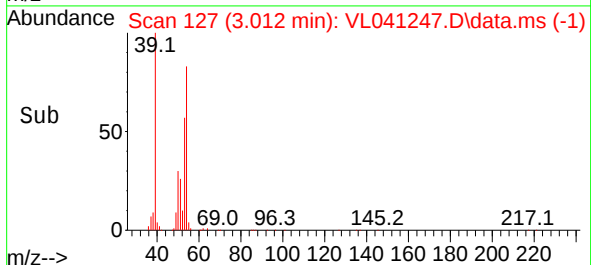
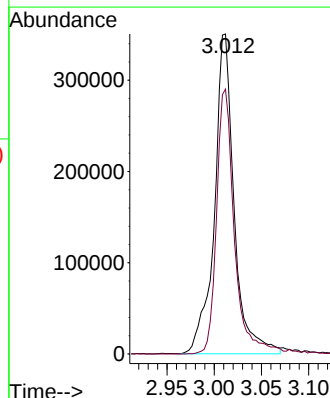
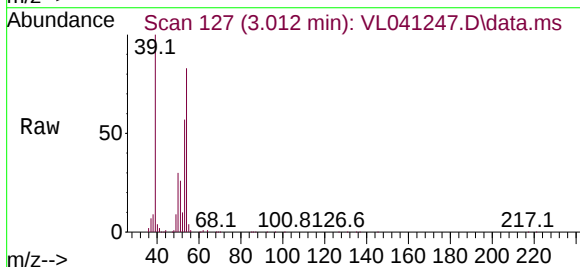
Acq: 8 May 2024 17:10

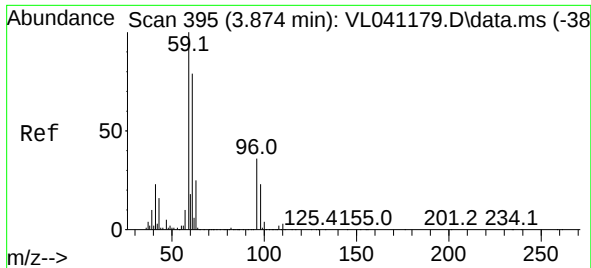
Tgt Ion: 39 Resp: 509782

Ion Ratio Lower Upper

39 100

54 76.2 62.2 93.4





#17

tert-Butyl alcohol

Concen: 8.767 ppbv

RT: 3.903 min Scan# 404

Delta R.T. 0.006 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

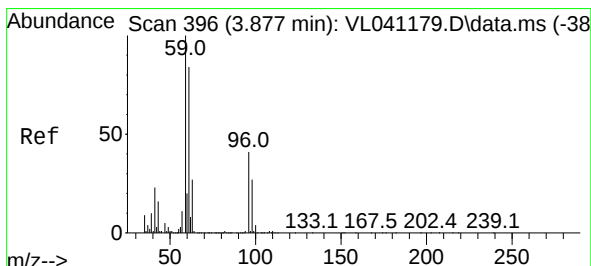
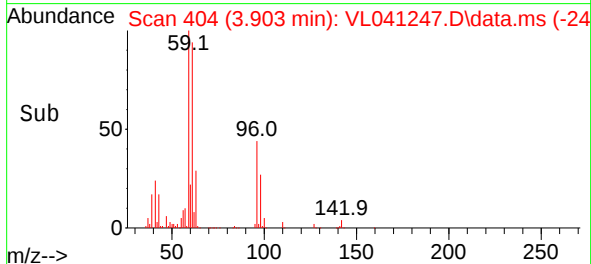
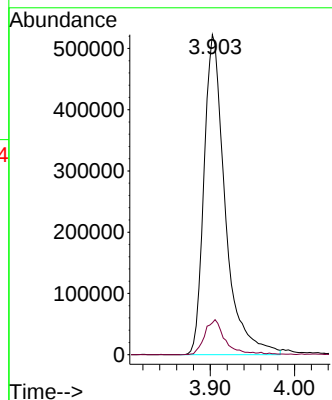
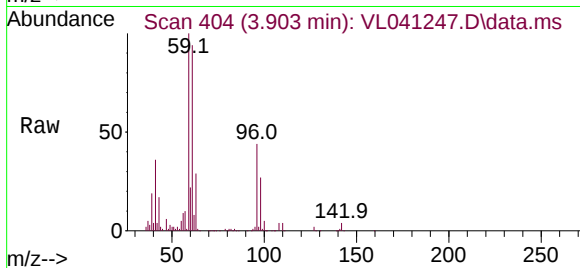
VSTDCCC010EC

Tgt Ion: 59 Resp: 915168

Ion Ratio Lower Upper

59 100

57 10.9 8.4 12.6



#18

1,1-Dichloroethene

Concen: 10.035 ppbv

RT: 3.906 min Scan# 405

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

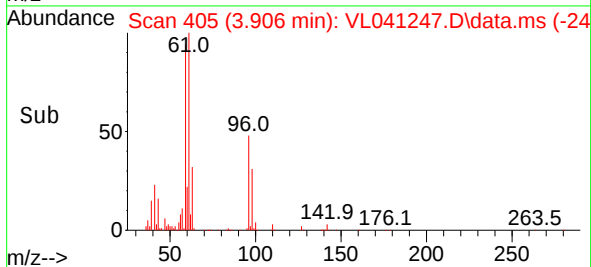
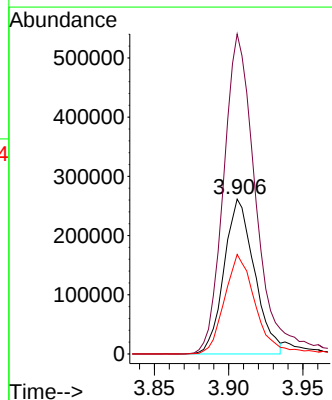
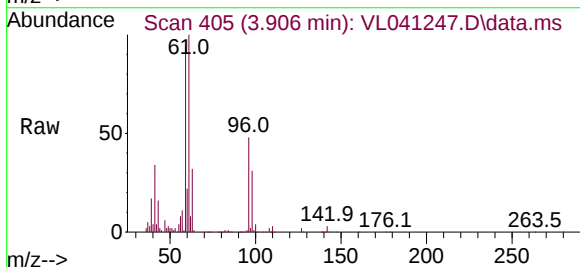
Tgt Ion: 96 Resp: 372933

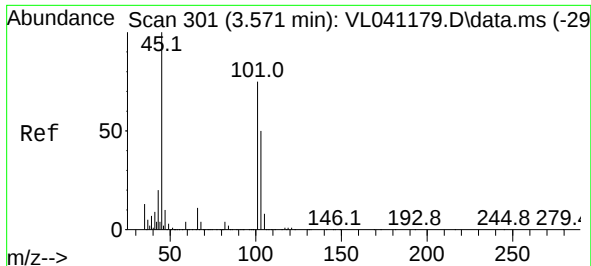
Ion Ratio Lower Upper

96 100

61 206.6 164.4 246.6

98 64.2 51.8 77.8





#19

Isopropyl Alcohol

Concen: 9.560 ppbv

RT: 3.600 min Scan# 310

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

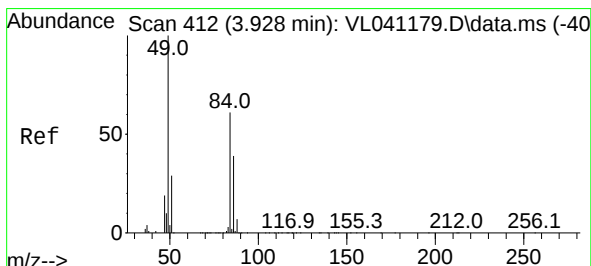
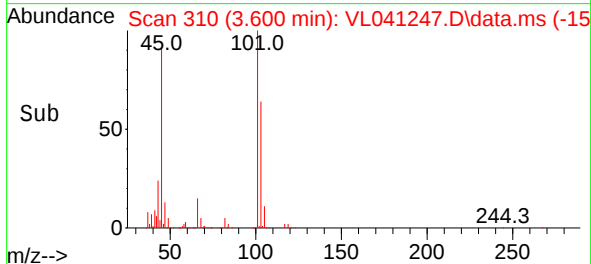
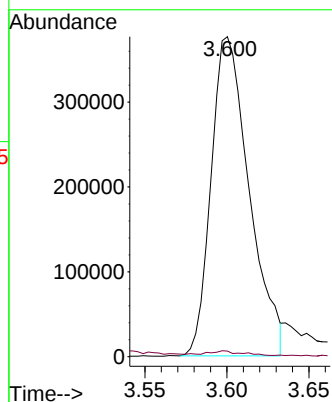
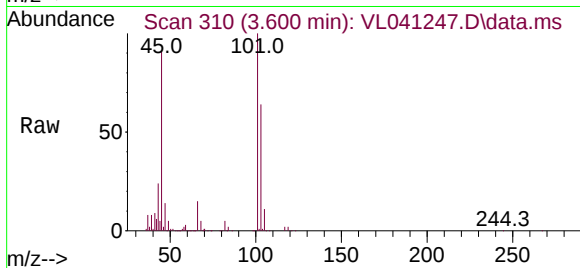
VSTDCCC010EC

Tgt Ion: 45 Resp: 606999

Ion Ratio Lower Upper

45 100

58 2.5 26.8 40.2#



#20

Methylene Chloride

Concen: 9.313 ppbv

RT: 3.957 min Scan# 421

Delta R.T. 0.006 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Tgt Ion: 84 Resp: 313368

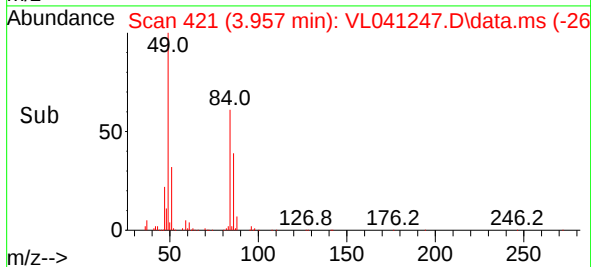
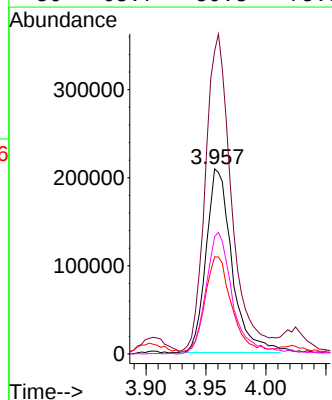
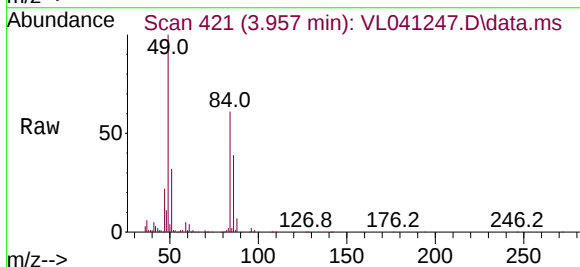
Ion Ratio Lower Upper

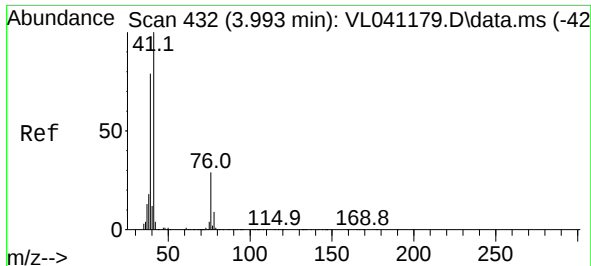
84 100

49 163.3 130.4 195.6

51 51.8 38.0 57.0

86 63.7 50.3 75.5

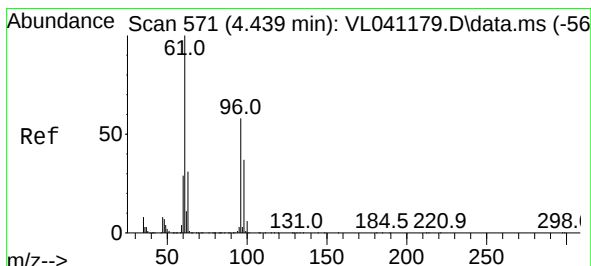
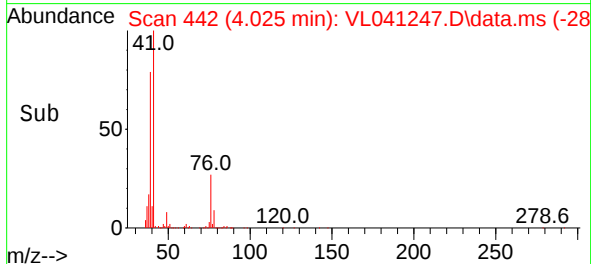
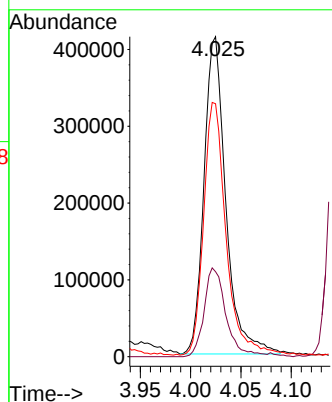
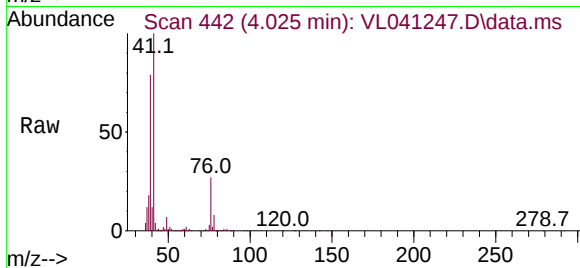




#21
 Allyl Chloride
 Concen: 9.890 ppbv
 RT: 4.025 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL041247.D
 Acq: 8 May 2024 17:10

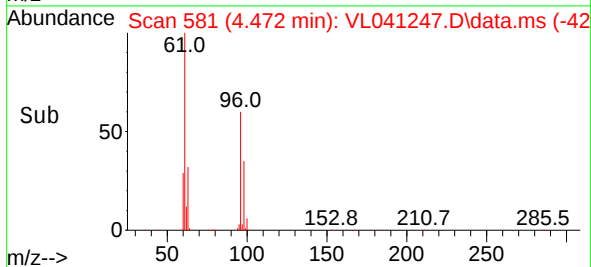
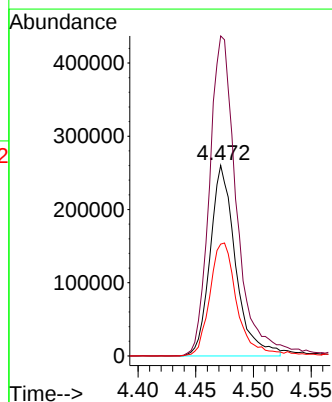
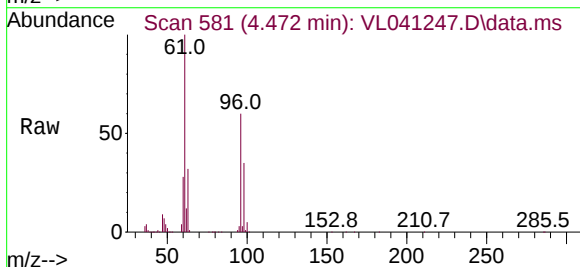
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

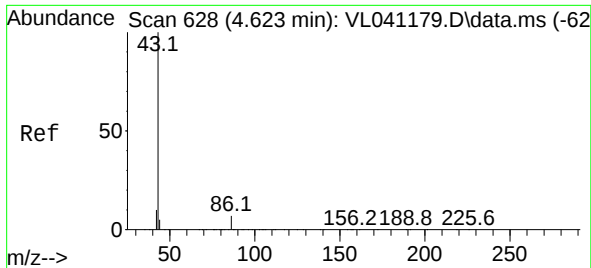
Tgt Ion: 41 Resp: 624021
 Ion Ratio Lower Upper
 41 100
 76 28.5 23.7 35.5
 39 82.7 64.7 97.1



#22
 trans-1,2-Dichloroethene
 Concen: 10.323 ppbv
 RT: 4.472 min Scan# 581
 Delta R.T. 0.010 min
 Lab File: VL041247.D
 Acq: 8 May 2024 17:10

Tgt Ion: 96 Resp: 398995
 Ion Ratio Lower Upper
 96 100
 61 167.8 137.6 206.4
 98 58.6 50.6 76.0



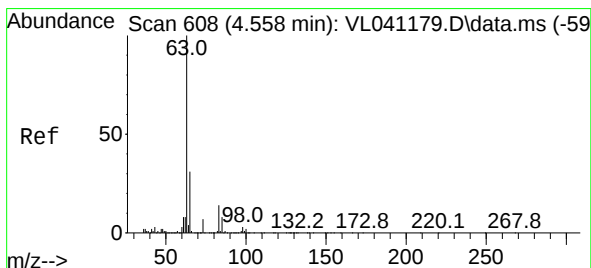
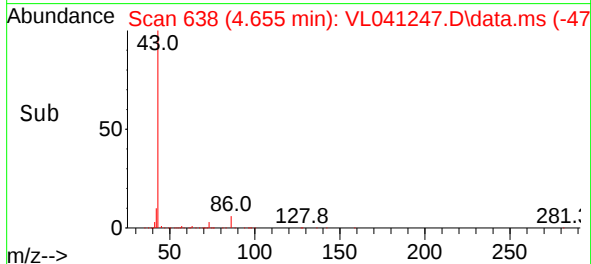
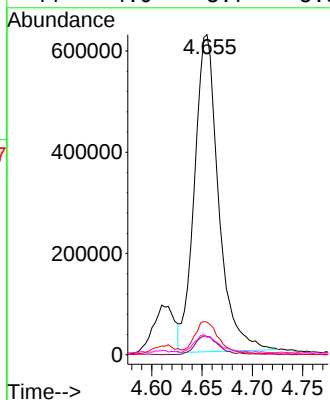
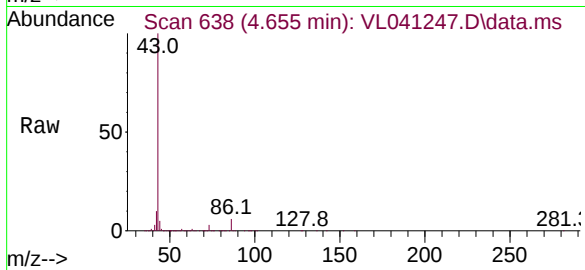


#23
 Vinyl Acetate
 Concen: 9.812 ppbv
 RT: 4.655 min Scan# 618
 Delta R.T. 0.010 min
 Lab File: VL041247.D
 Acq: 8 May 2024 17:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 1045545

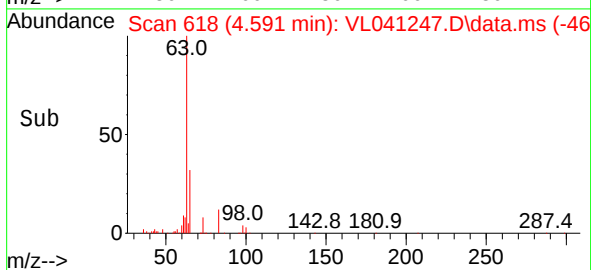
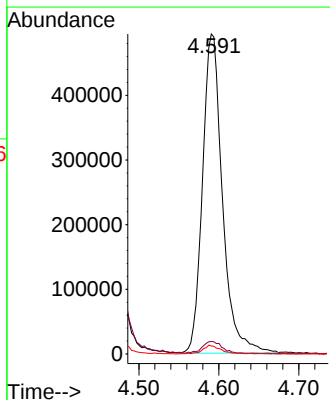
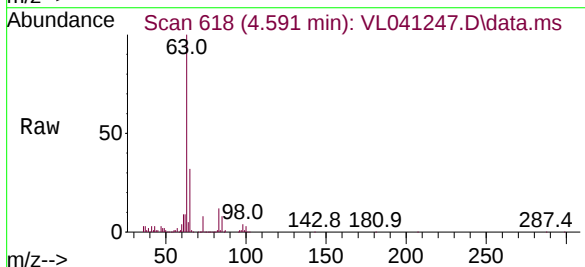
Ion	Ratio	Lower	Upper
43	100		
86	5.8	4.9	7.3
42	10.1	8.0	12.0
44	4.9	3.7	5.5

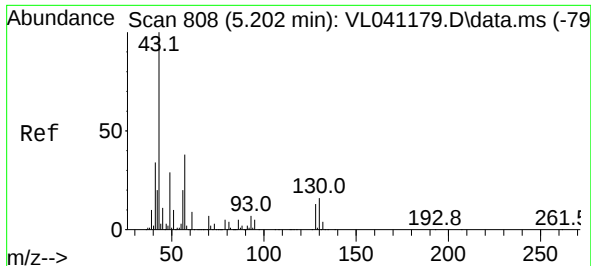


#24
 1,1-Dichloroethane
 Concen: 10.339 ppbv
 RT: 4.591 min Scan# 618
 Delta R.T. 0.006 min
 Lab File: VL041247.D
 Acq: 8 May 2024 17:10

Tgt Ion: 63 Resp: 856646

Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.6	4.8
100	2.5	1.1	3.5





#25

Ethyl Acetate

Concen: 9.944 ppbv

RT: 5.230 min Scan# 817

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 1920623

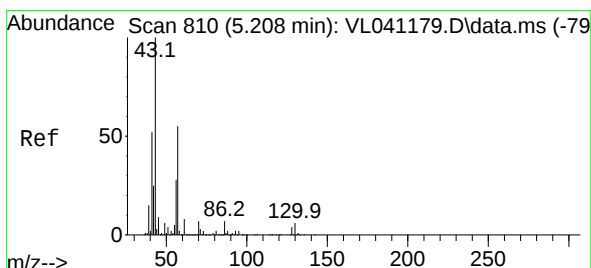
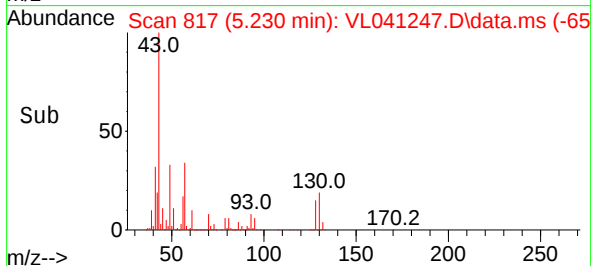
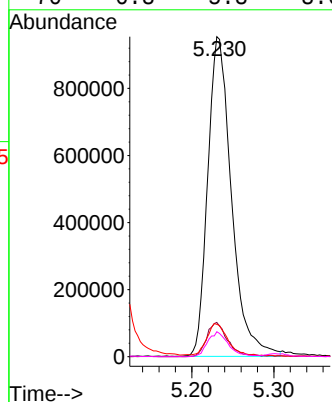
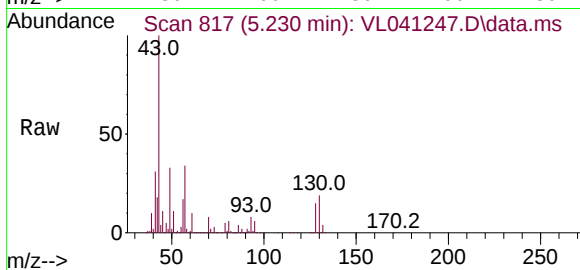
Ion Ratio Lower Upper

43 100

45 9.7 8.2 12.2

61 9.8 7.7 11.5

70 6.8 5.8 8.6



#26

Hexane

Concen: 9.828 ppbv

RT: 5.240 min Scan# 820

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Tgt Ion: 57 Resp: 847125

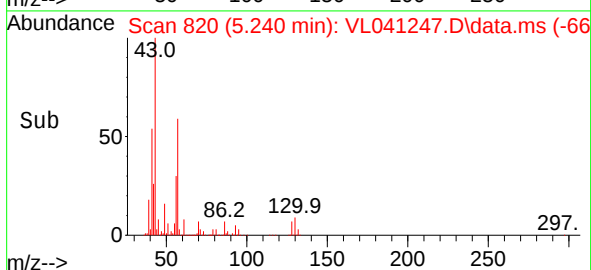
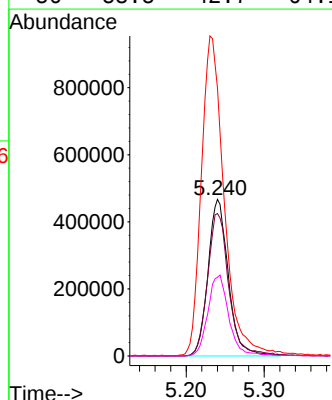
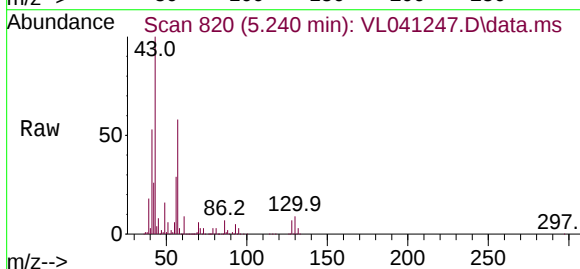
Ion Ratio Lower Upper

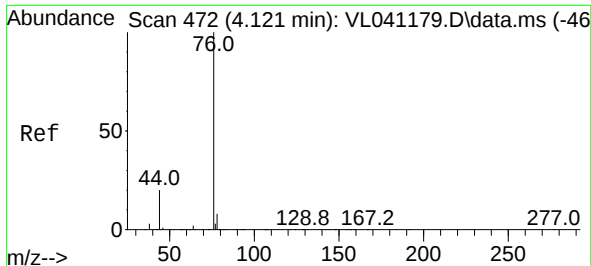
57 100

41 95.7 75.8 113.8

43 229.9 187.0 280.4

56 53.5 42.7 64.1





#27

Carbon Disulfide

Concen: 10.001 ppbv

RT: 4.150 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

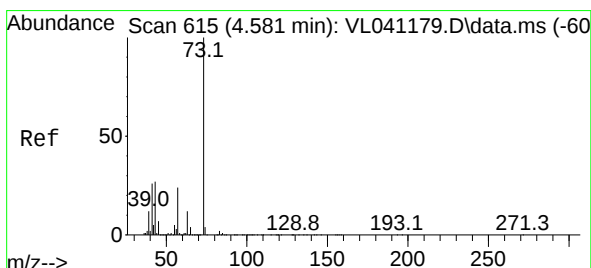
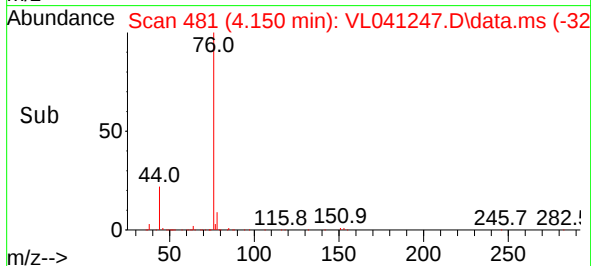
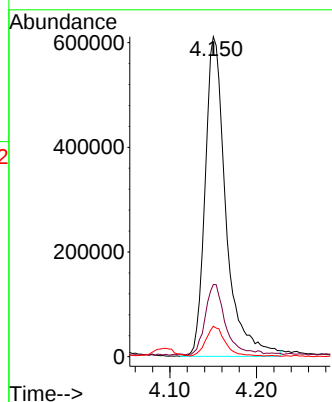
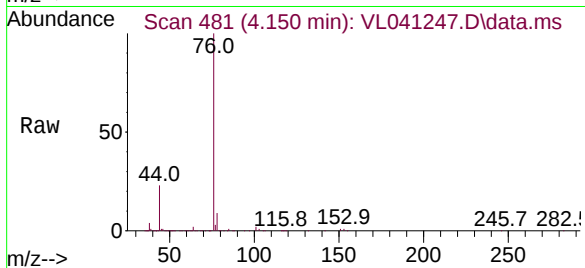
Tgt Ion: 76 Resp: 1020394

Ion Ratio Lower Upper

76 100

44 23.6 16.3 24.5

78 9.3 7.3 10.9



#28

Methyl tert-Butyl Ether

Concen: 8.925 ppbv

RT: 4.613 min Scan# 625

Delta R.T. 0.010 min

Lab File: VL041247.D

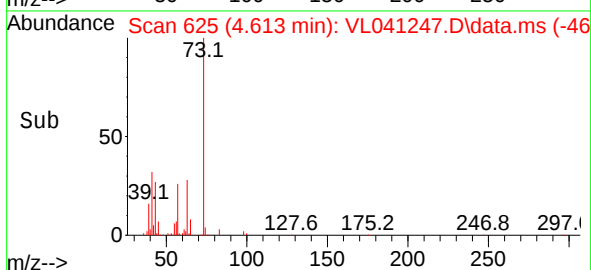
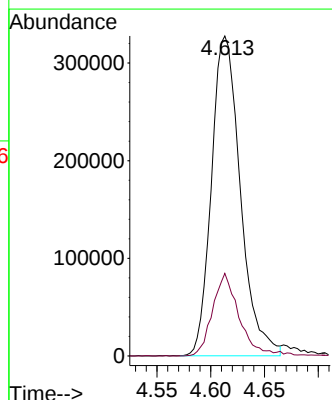
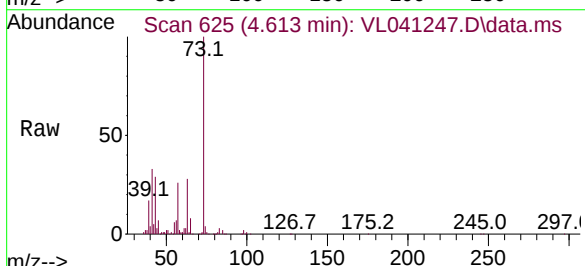
Acq: 8 May 2024 17:10

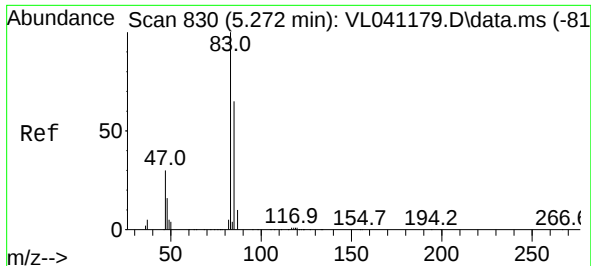
Tgt Ion: 73 Resp: 612501

Ion Ratio Lower Upper

73 100

57 24.4 18.8 28.2





#29

Chloroform

Concen: 11.011 ppbv

RT: 5.304 min Scan# 84

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

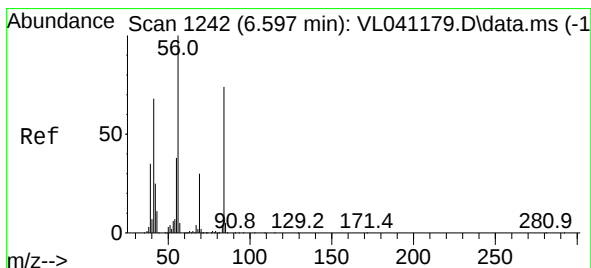
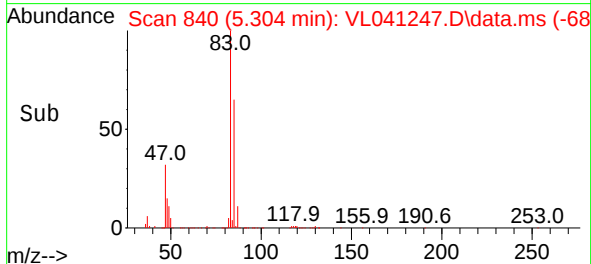
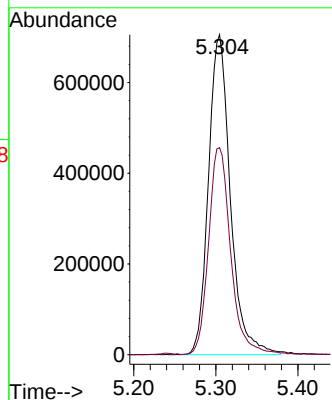
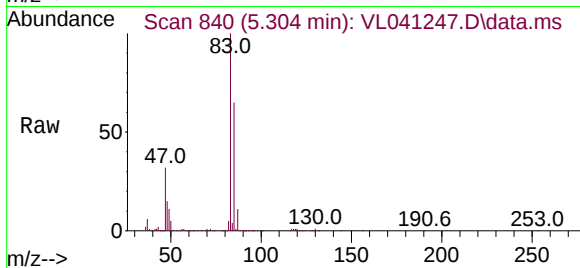
VSTDCCC010EC

Tgt Ion: 83 Resp: 1309287

Ion Ratio Lower Upper

83 100

85 64.6 51.7 77.5



#30

Cyclohexane

Concen: 10.341 ppbv

RT: 6.629 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

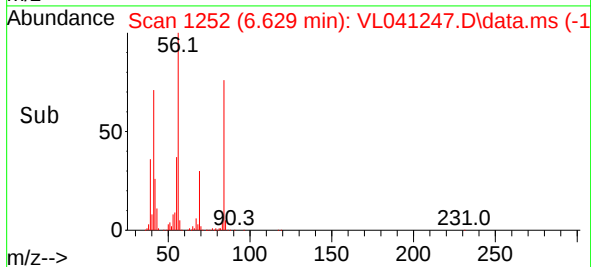
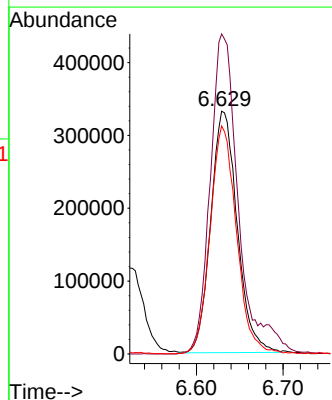
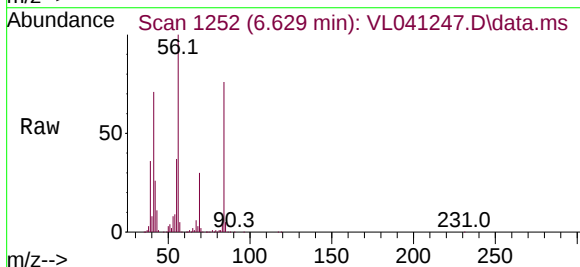
Tgt Ion: 84 Resp: 705573

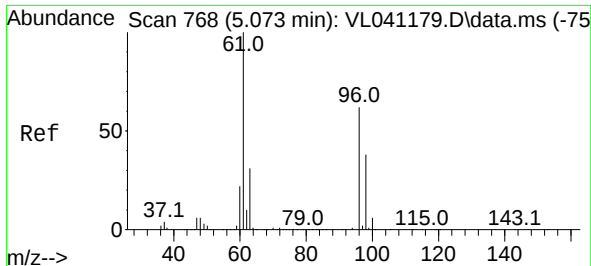
Ion Ratio Lower Upper

84 100

56 142.0 116.8 175.2

41 93.8 73.8 110.8

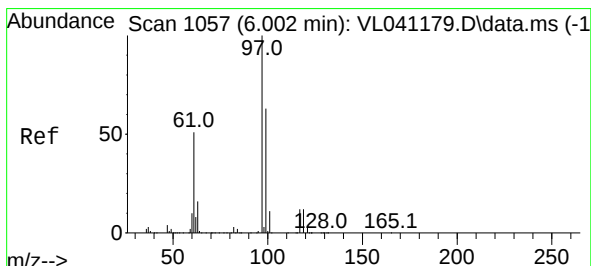
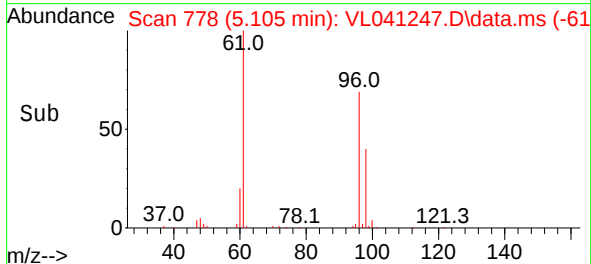
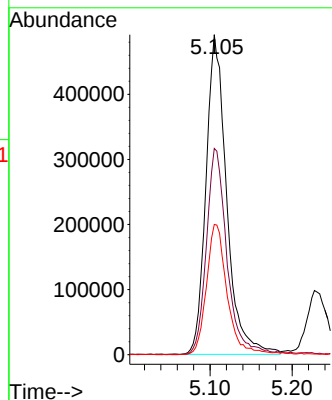
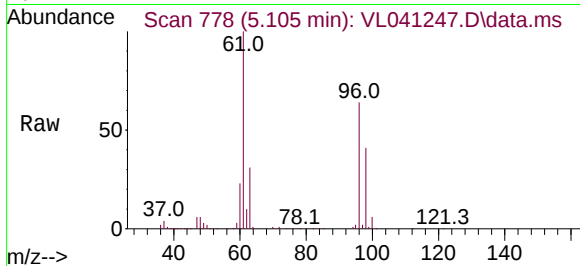




#31
 cis-1,2-Dichloroethene
 Concen: 10.639 ppbv
 RT: 5.105 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL041247.D
 Acq: 8 May 2024 17:10

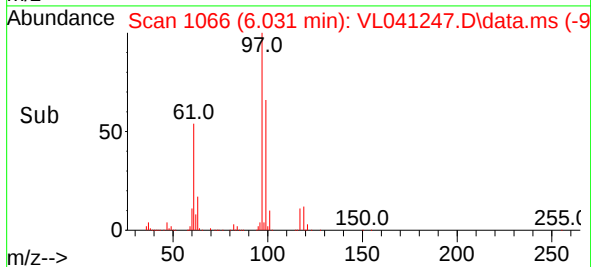
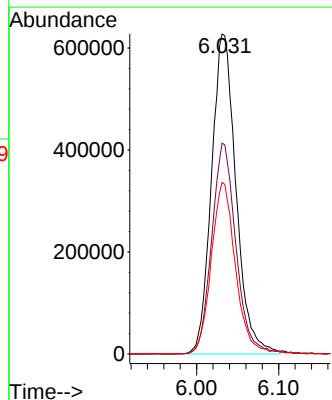
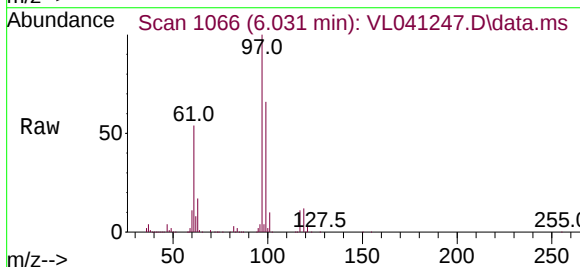
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

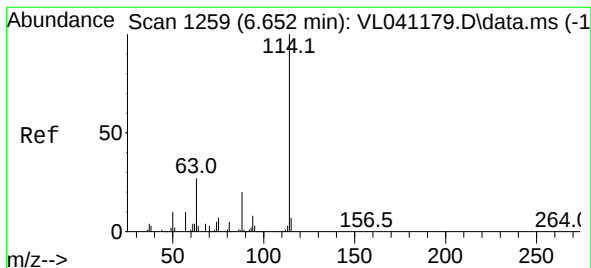
Tgt Ion: 61 Resp: 858456
 Ion Ratio Lower Upper
 61 100
 96 64.5 49.8 74.6
 98 40.7 30.0 45.0



#32
 1,1,1-Trichloroethane
 Concen: 10.985 ppbv
 RT: 6.031 min Scan# 1066
 Delta R.T. 0.010 min
 Lab File: VL041247.D
 Acq: 8 May 2024 17:10

Tgt Ion: 97 Resp: 1303224
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.7 77.5
 61 53.0 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.681 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

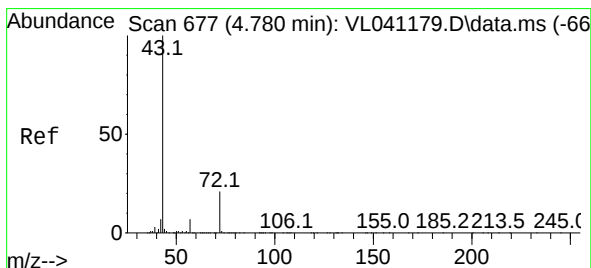
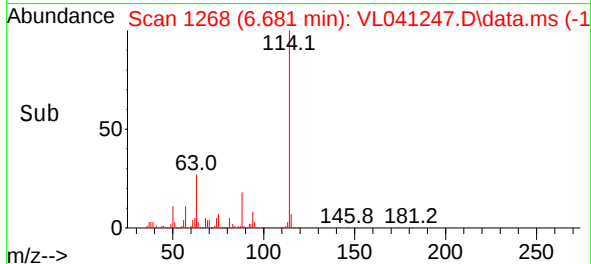
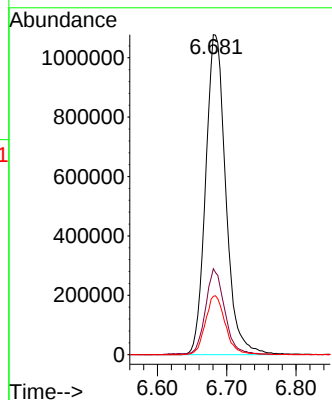
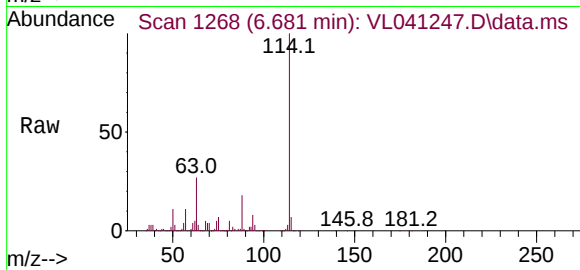
Tgt Ion:114 Resp: 2174681

Ion Ratio Lower Upper

114 100

63 26.1 21.8 32.6

88 18.3 15.2 22.8



#34

2-Butanone

Concen: 10.508 ppbv

RT: 4.812 min Scan# 687

Delta R.T. 0.010 min

Lab File: VL041247.D

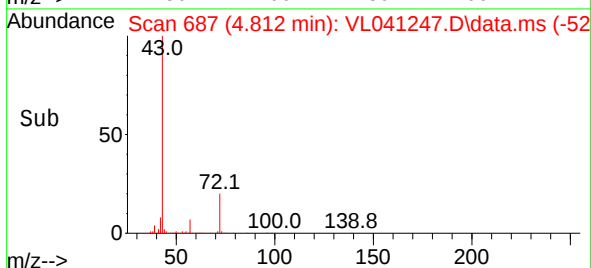
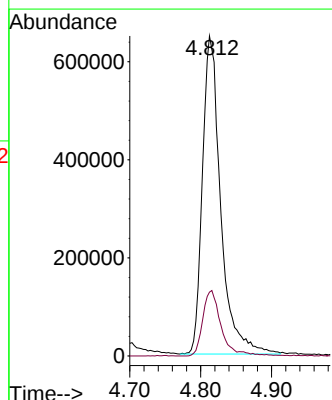
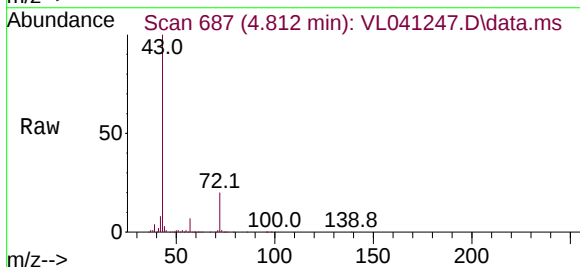
Acq: 8 May 2024 17:10

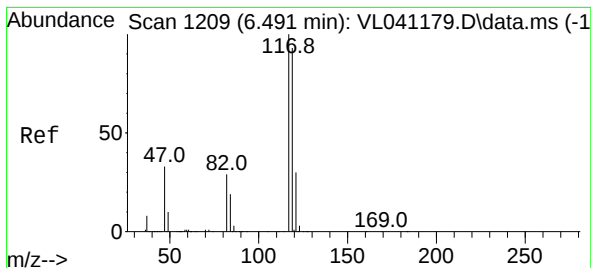
Tgt Ion: 43 Resp: 1163105

Ion Ratio Lower Upper

43 100

72 21.1 17.3 25.9





#35

Carbon Tetrachloride

Concen: 11.010 ppbv

RT: 6.523 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

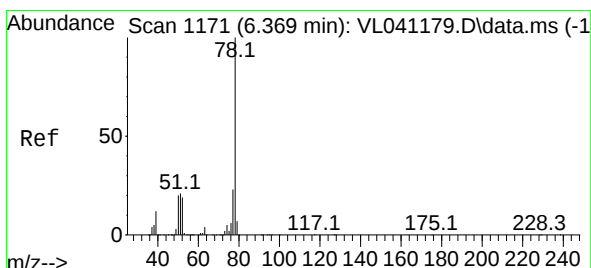
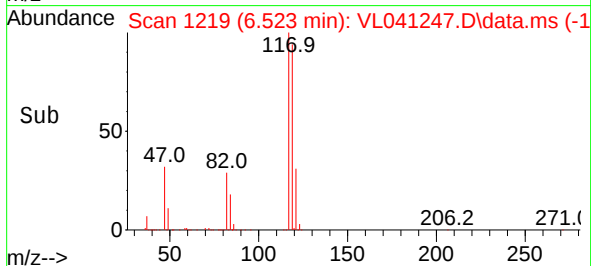
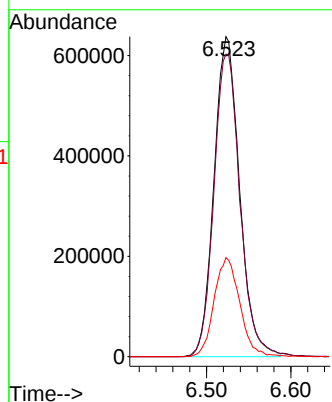
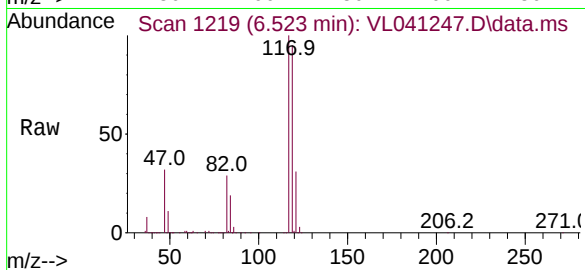
Tgt Ion:117 Resp: 1343744

Ion Ratio Lower Upper

117 100

119 94.5 74.3 111.5

121 30.9 23.8 35.8



#36

Benzene

Concen: 9.722 ppbv

RT: 6.401 min Scan# 1181

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

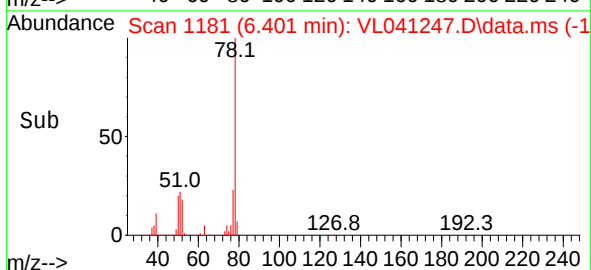
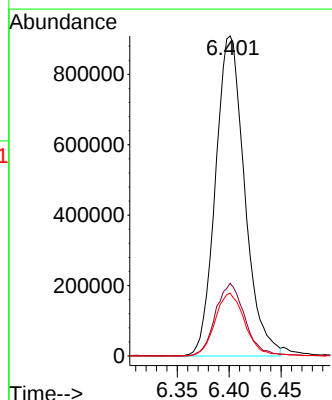
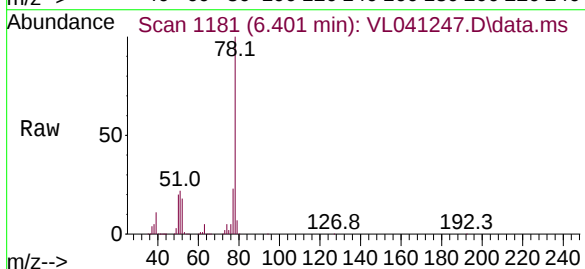
Tgt Ion: 78 Resp: 1774222

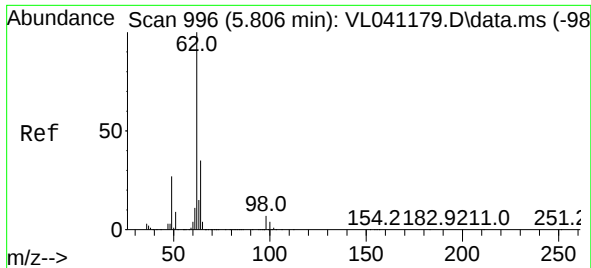
Ion Ratio Lower Upper

78 100

77 22.7 18.3 27.5

50 19.6 15.9 23.9

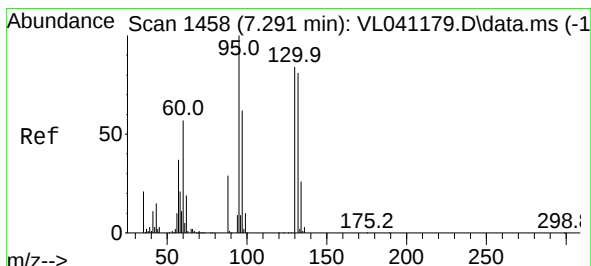
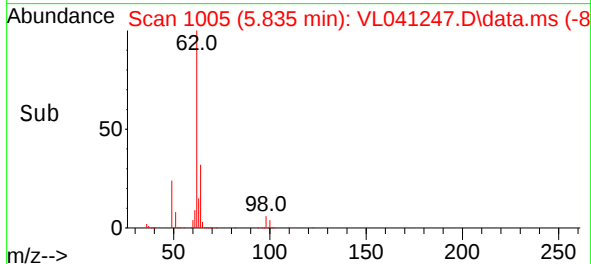
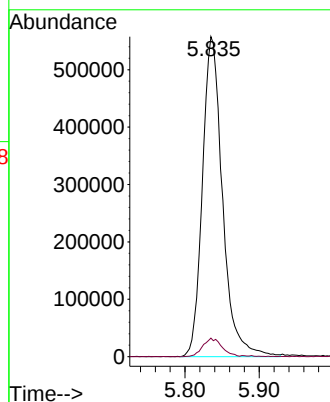
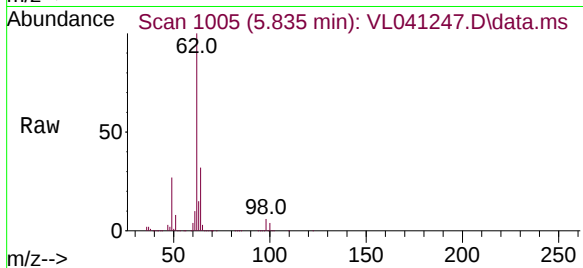




#37
1,2-Dichloroethane
Concen: 11.021 ppbv
RT: 5.835 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

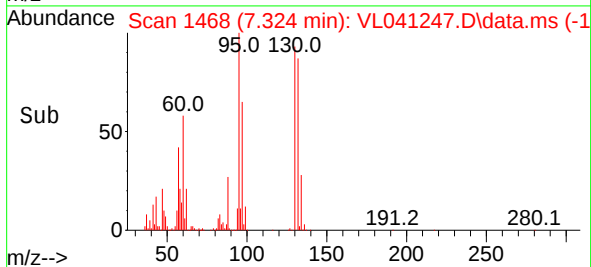
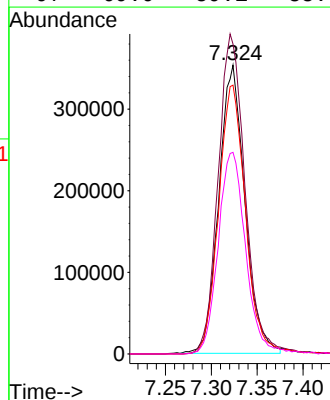
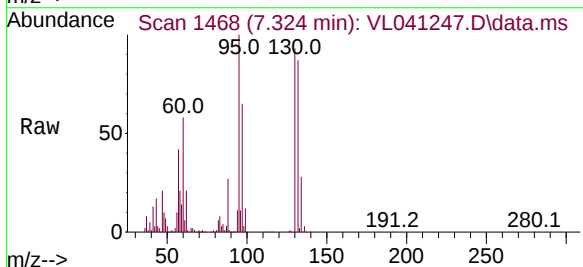
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

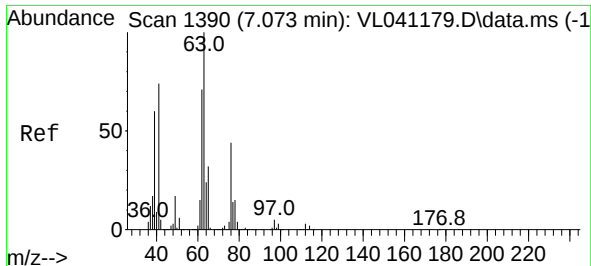
Tgt Ion: 62 Resp: 1049363
Ion Ratio Lower Upper
62 100
98 5.8 5.0 7.4



#38
Trichloroethene
Concen: 10.284 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.013 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion:130 Resp: 699370
Ion Ratio Lower Upper
130 100
95 107.5 95.0 142.6
132 93.3 77.0 115.4
97 69.9 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.740 ppbv

RT: 7.102 min Scan# 1465

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

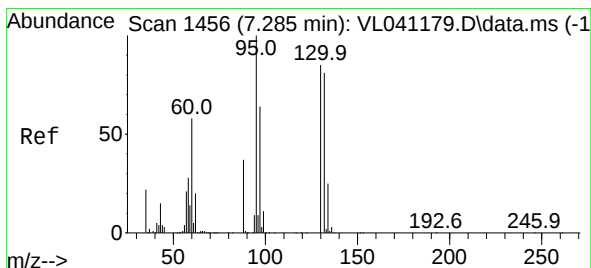
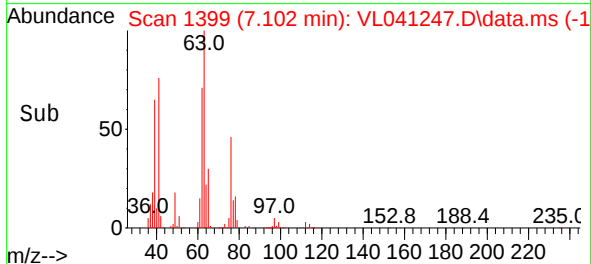
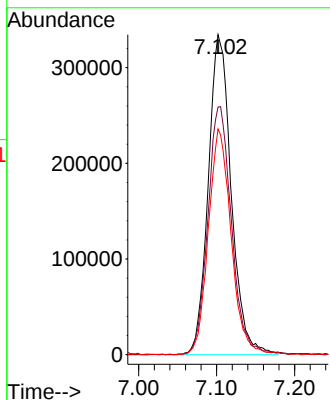
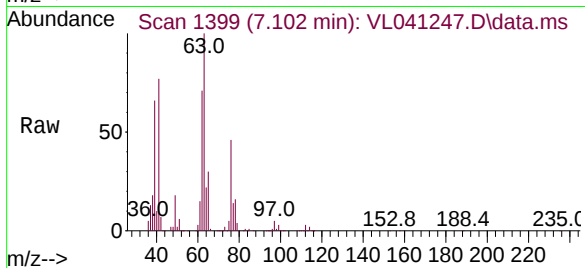
Tgt Ion: 63 Resp: 685062

Ion Ratio Lower Upper

63 100

41 77.2 59.4 89.0

62 70.4 56.8 85.2



#40

1,4-Dioxane

Concen: 9.575 ppbv

RT: 7.314 min Scan# 1465

Delta R.T. 0.013 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Tgt Ion: 88 Resp: 240580

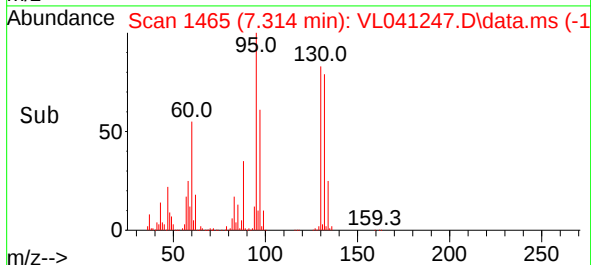
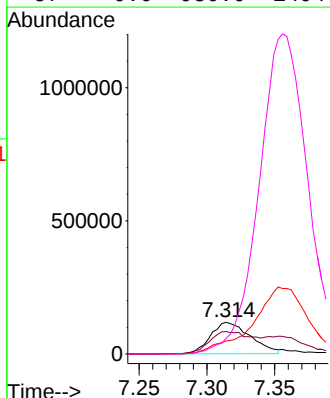
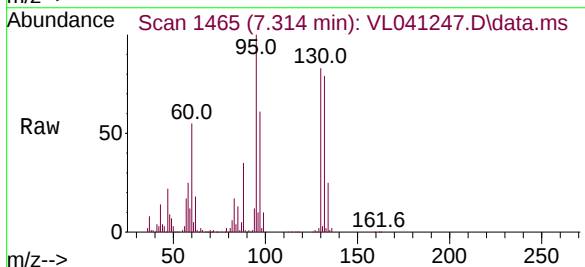
Ion Ratio Lower Upper

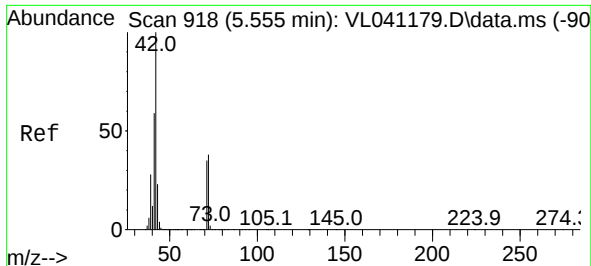
88 100

58 138.4 106.1 159.1

43 0.0 219.8 329.6#

57 0.0 936.0 1404.0#





#41

Tetrahydrofuran

Concen: 9.374 ppbv

RT: 5.584 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

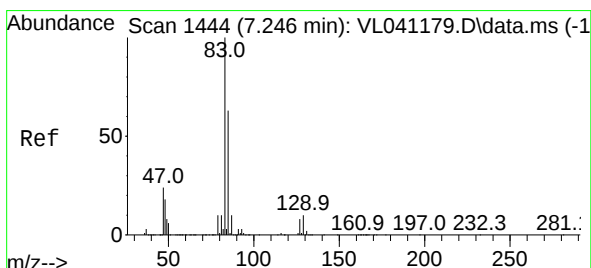
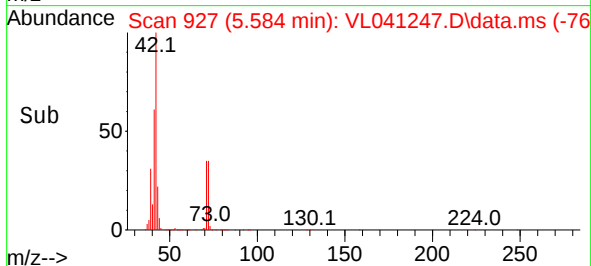
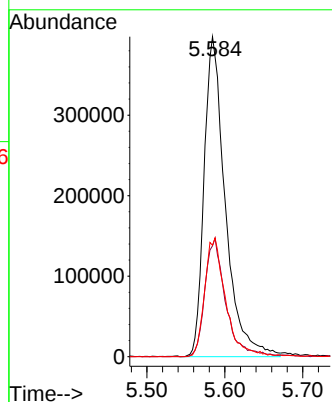
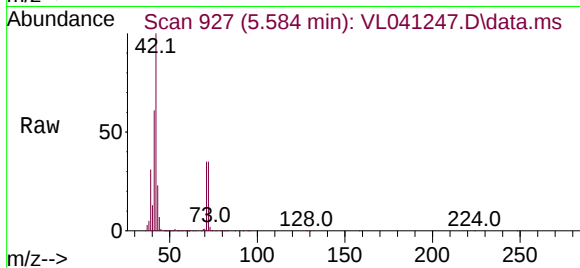
Tgt Ion: 42 Resp: 751105

Ion Ratio Lower Upper

42 100

72 36.6 29.4 44.0

71 37.2 29.1 43.7



#42

Bromodichloromethane

Concen: 10.798 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.013 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

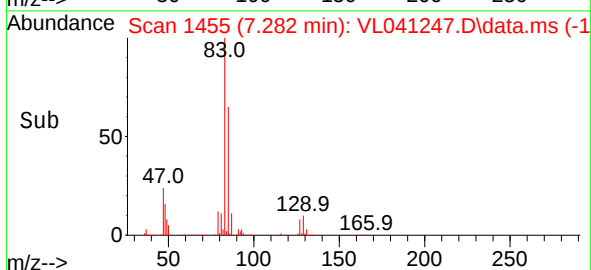
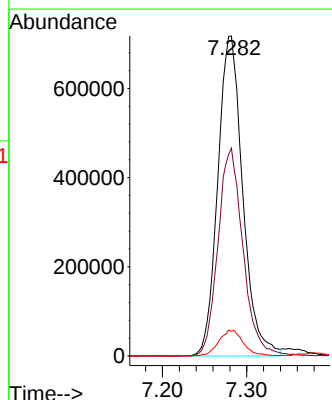
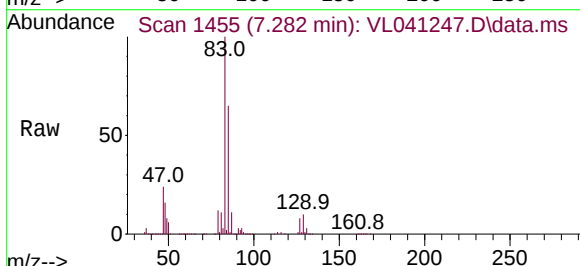
Tgt Ion: 83 Resp: 1474595

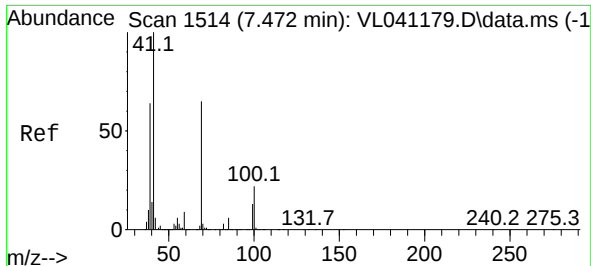
Ion Ratio Lower Upper

83 100

85 65.0 50.6 75.8

127 7.7 6.2 9.4





#43

Methyl Methacrylate

Concen: 9.870 ppbv

RT: 7.500 min Scan# 1478

Delta R.T. 0.006 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

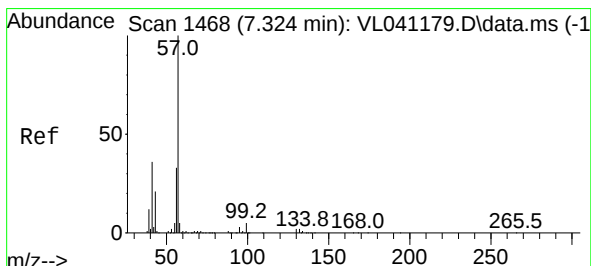
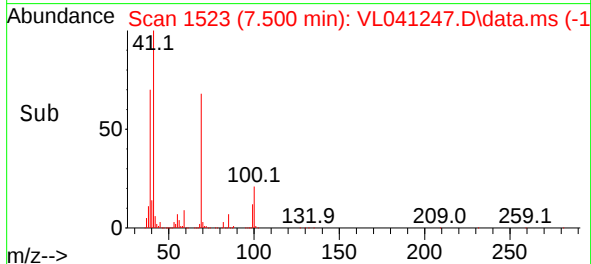
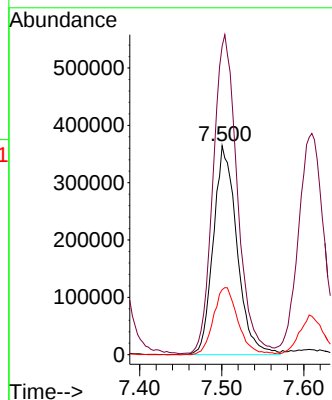
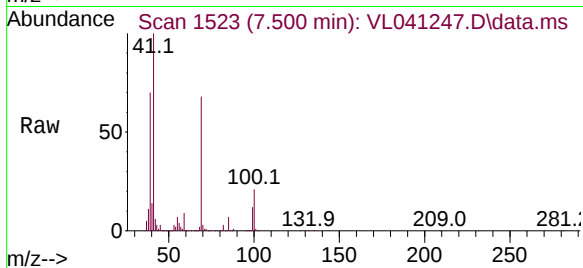
Tgt Ion: 69 Resp: 728503

Ion Ratio Lower Upper

69 100

41 157.1 125.2 187.8

100 33.4 26.7 40.1



#44

2,2,4-Trimethylpentane

Concen: 9.539 ppbv

RT: 7.356 min Scan# 1478

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

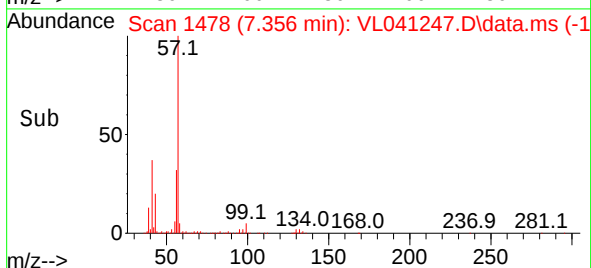
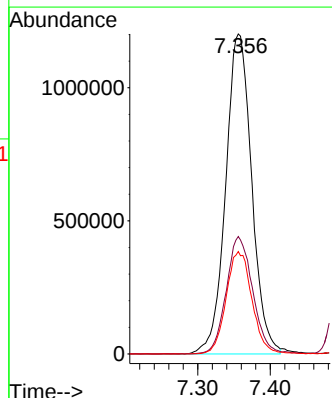
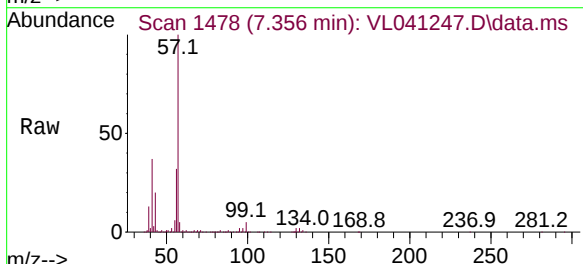
Tgt Ion: 57 Resp: 3001620

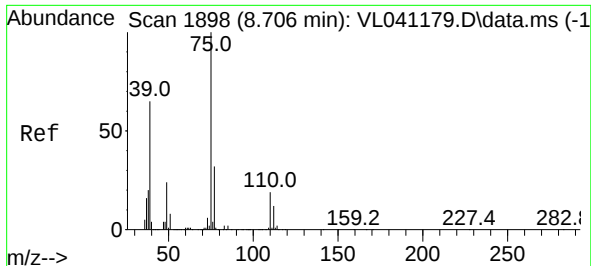
Ion Ratio Lower Upper

57 100

41 37.2 29.5 44.3

56 31.8 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 9.594 ppbv

RT: 8.742 min Scan# 1898

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

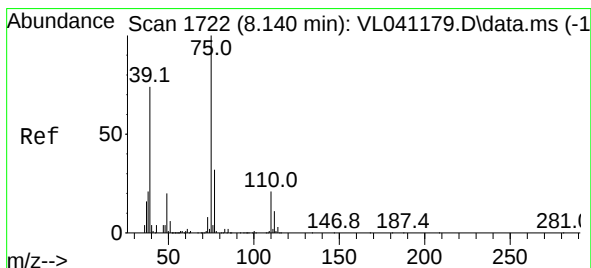
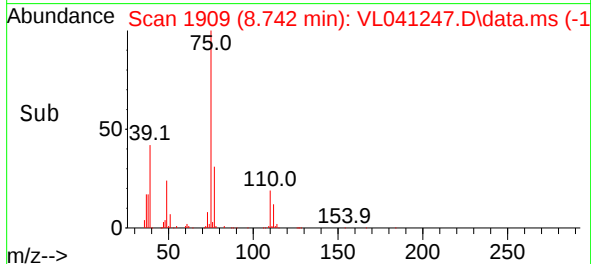
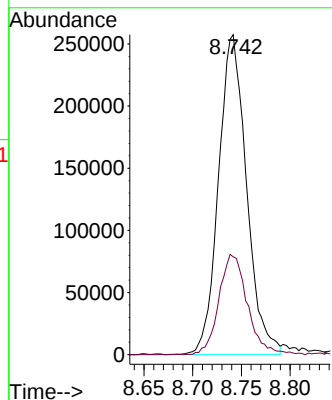
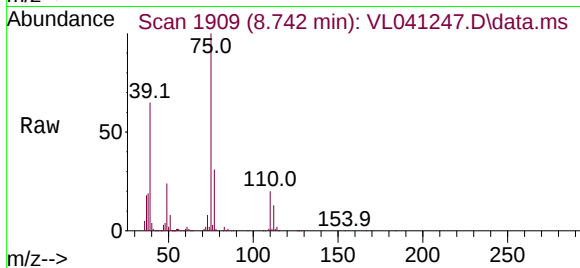
VSTDCCC010EC

Tgt Ion: 75 Resp: 513131

Ion Ratio Lower Upper

75 100

77 30.6 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 9.570 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

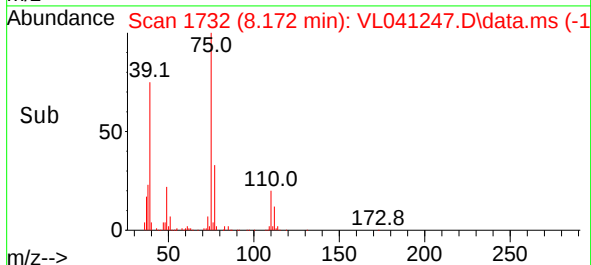
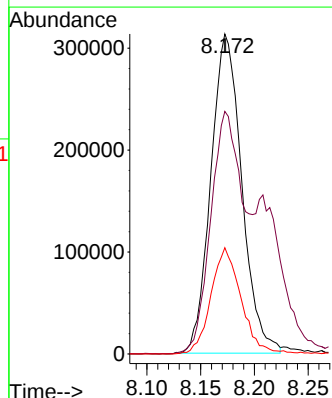
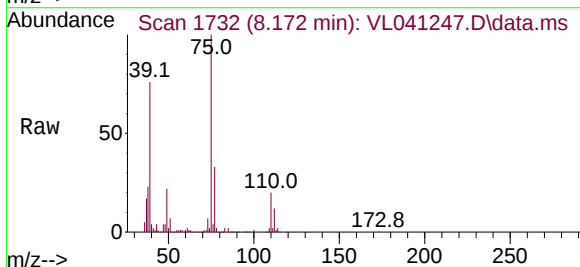
Tgt Ion: 75 Resp: 626662

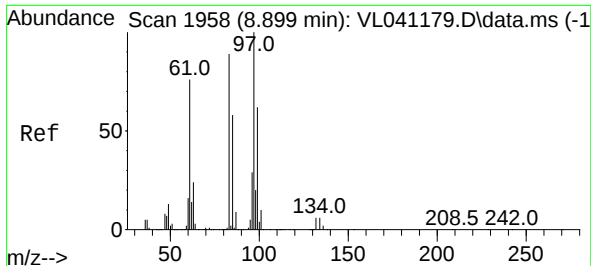
Ion Ratio Lower Upper

75 100

39 75.3 59.4 89.2

77 33.1 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 10.559 ppbv

RT: 8.931 min Scan# 1958

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 743320

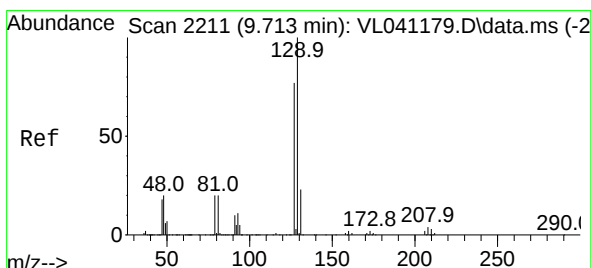
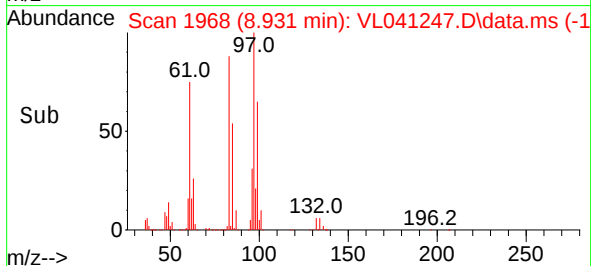
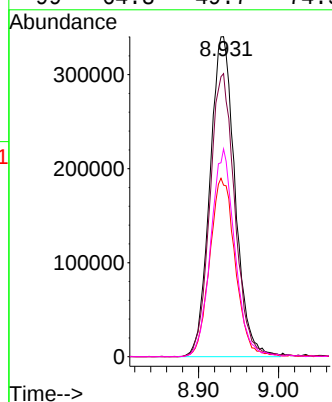
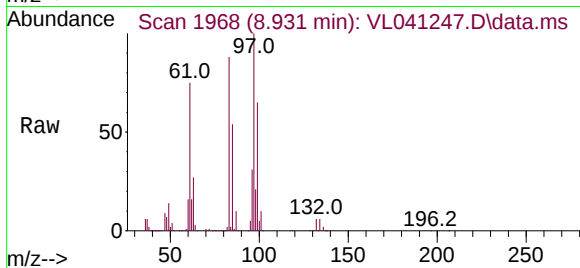
Ion Ratio Lower Upper

97 100

83 88.4 71.2 106.8

85 53.6 46.0 69.0

99 64.8 49.7 74.5



#48

Dibromochloromethane

Concen: 11.247 ppbv

RT: 9.742 min Scan# 2220

Delta R.T. 0.010 min

Lab File: VL041247.D

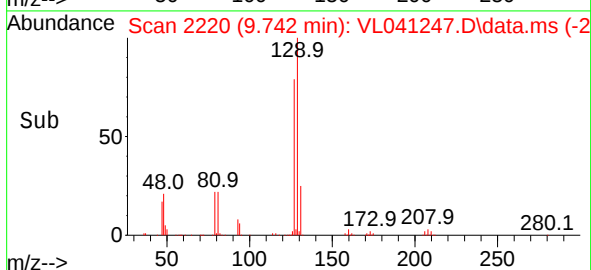
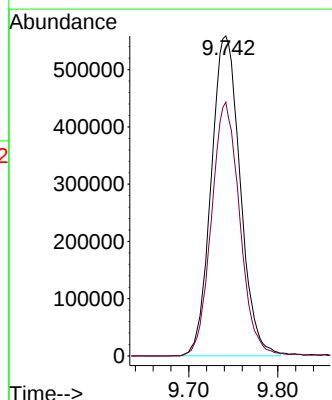
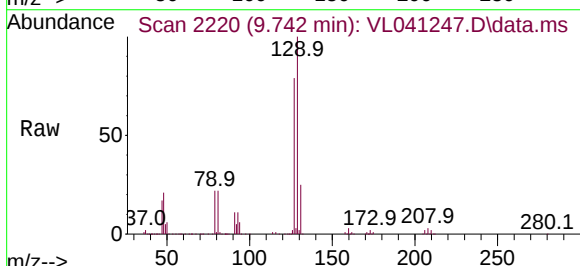
Acq: 8 May 2024 17:10

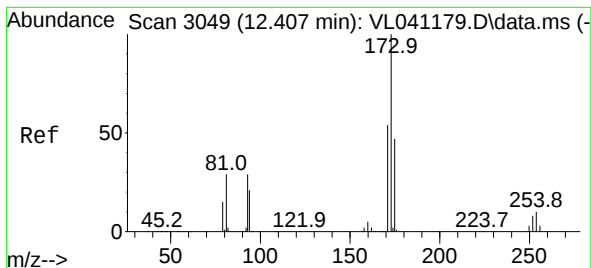
Tgt Ion: 129 Resp: 1261490

Ion Ratio Lower Upper

129 100

127 77.6 39.1 117.5





#49

Bromoform

Concen: 10.990 ppbv

RT: 12.439 min Scan# 3049

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

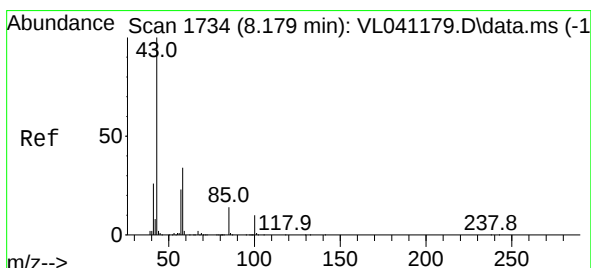
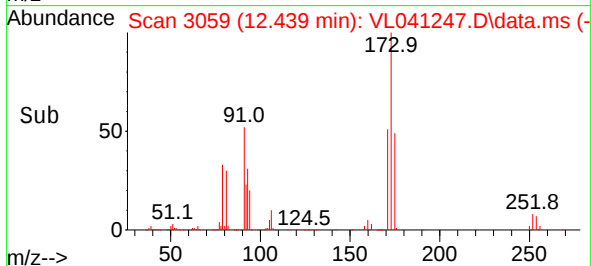
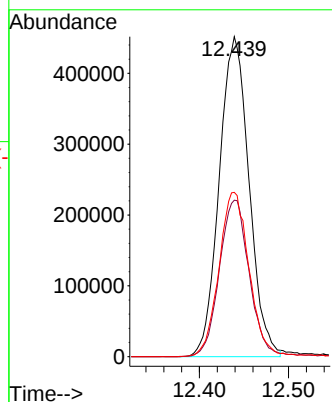
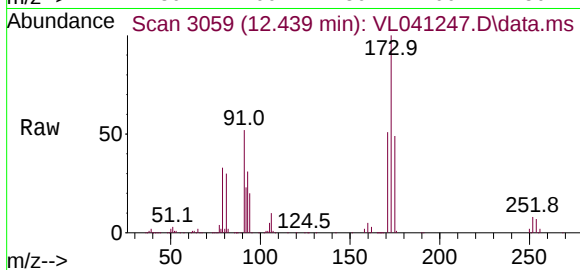
Tgt Ion:173 Resp: 1048601

Ion Ratio Lower Upper

173 100

175 49.9 39.8 59.8

171 52.5 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 9.423 ppbv

RT: 8.208 min Scan# 1743

Delta R.T. 0.006 min

Lab File: VL041247.D

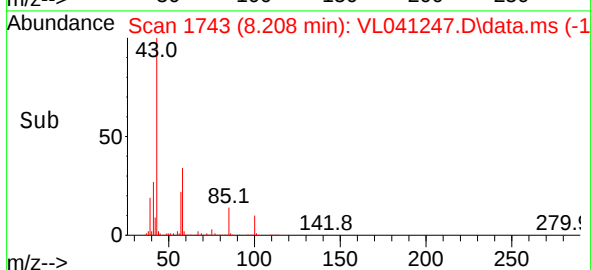
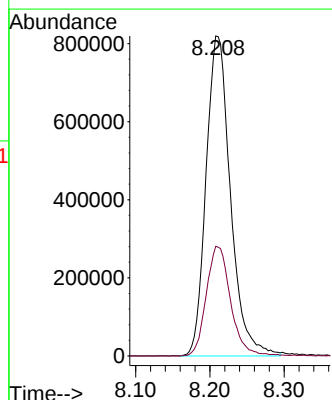
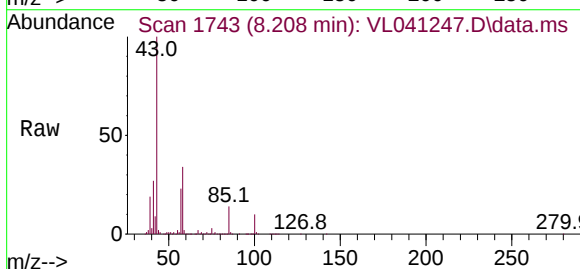
Acq: 8 May 2024 17:10

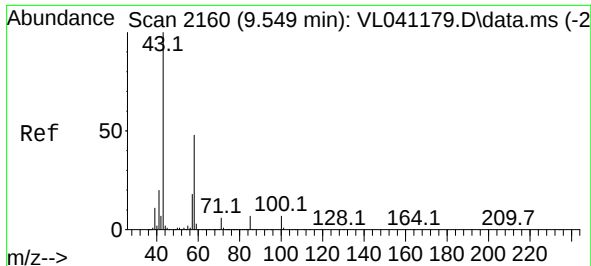
Tgt Ion: 43 Resp: 1871686

Ion Ratio Lower Upper

43 100

58 34.2 27.7 41.5

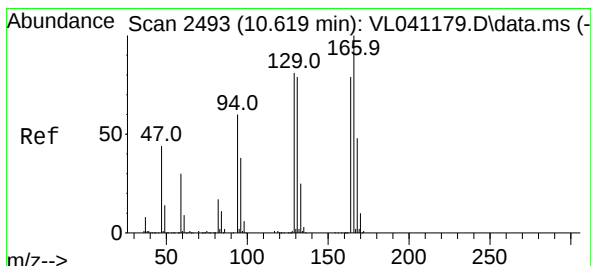
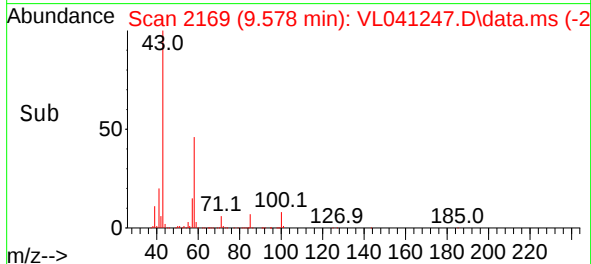
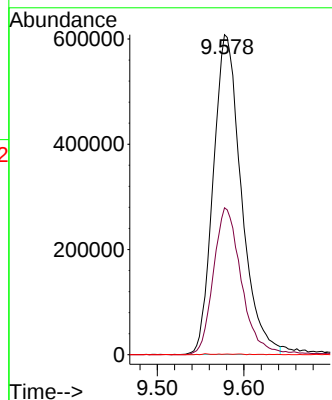
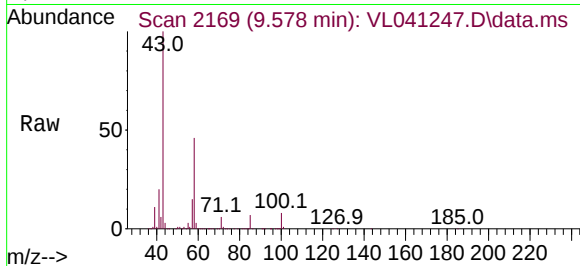




#51
2-Hexanone
Concen: 9.283 ppbv
RT: 9.578 min Scan# 2160
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

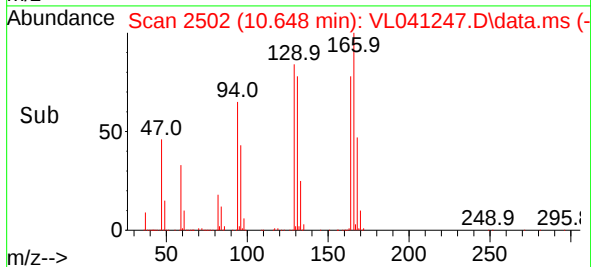
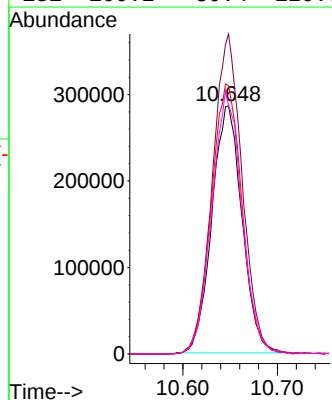
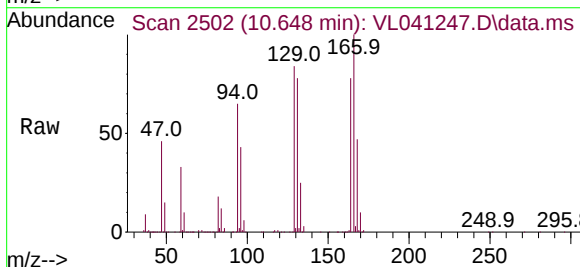
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

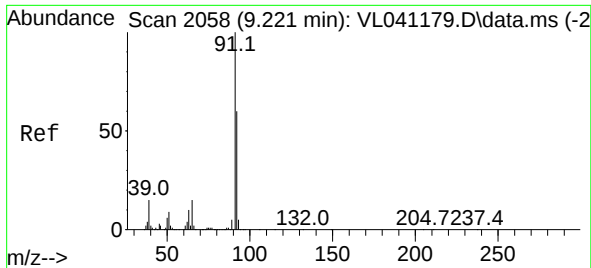
Tgt Ion: 43 Resp: 1367712
Ion Ratio Lower Upper
43 100
58 46.3 38.4 57.6
98 0.3 0.0 0.0#



#52
Tetrachloroethene
Concen: 9.800 ppbv
RT: 10.648 min Scan# 2502
Delta R.T. 0.013 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion:164 Resp: 628606
Ion Ratio Lower Upper
164 100
166 129.2 101.1 151.7
129 108.2 81.7 122.5
131 100.2 80.4 120.6





#53

Toluene

Concen: 9.925 ppbv

RT: 9.250 min Scan# 2100

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

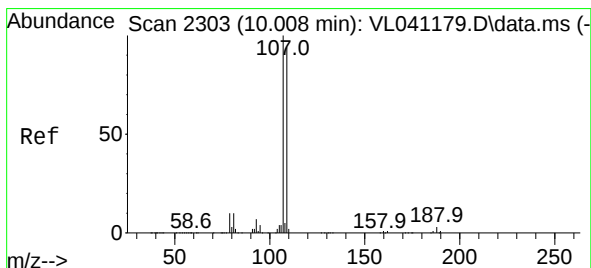
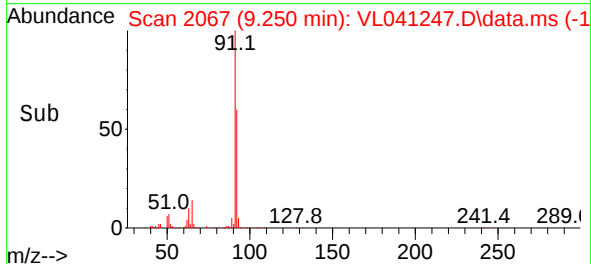
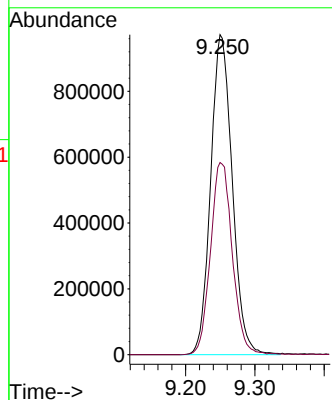
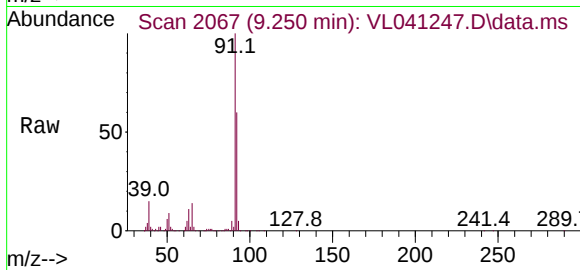
VSTDCCC010EC

Tgt Ion: 91 Resp: 2100305

Ion Ratio Lower Upper

91 100

92 60.8 48.2 72.4



#54

1,2-Dibromoethane

Concen: 10.740 ppbv

RT: 10.037 min Scan# 2312

Delta R.T. 0.006 min

Lab File: VL041247.D

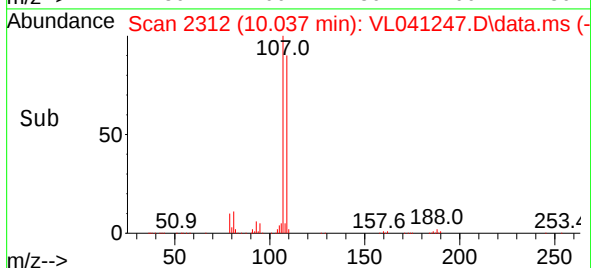
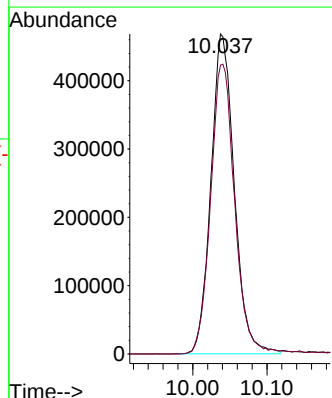
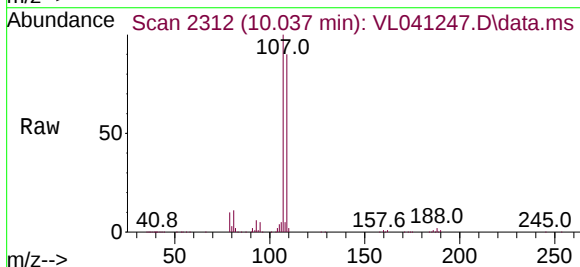
Acq: 8 May 2024 17:10

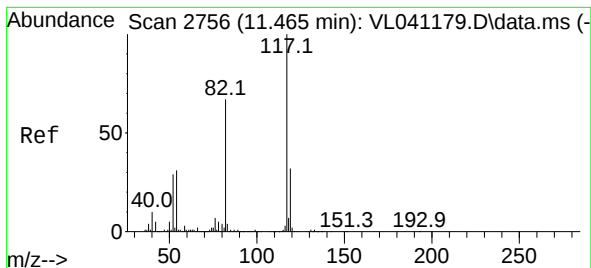
Tgt Ion: 107 Resp: 1024055

Ion Ratio Lower Upper

107 100

109 90.3 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.497 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

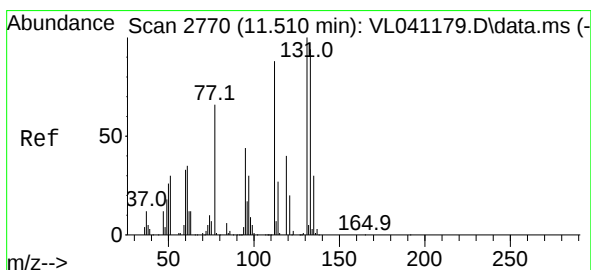
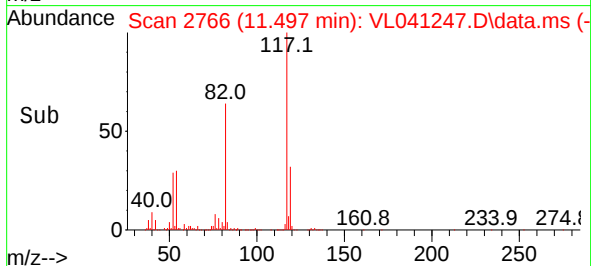
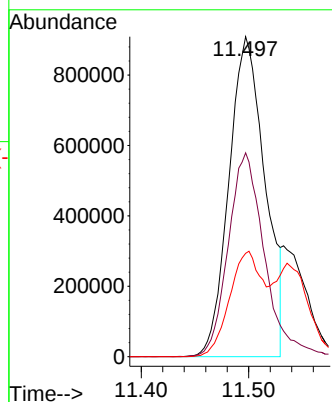
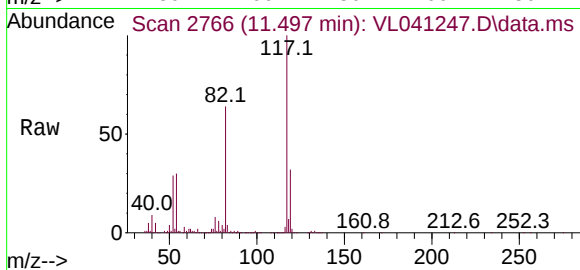
Tgt Ion:117 Resp: 2118976

Ion Ratio Lower Upper

117 100

82 64.4 53.6 80.4

119 31.3 27.2 40.8



#56

1,1,1,2-Tetrachloroethane

Concen: 10.688 ppbv

RT: 11.539 min Scan# 2779

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

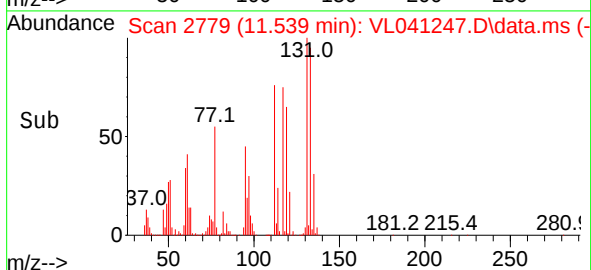
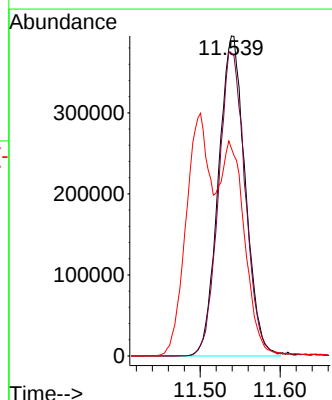
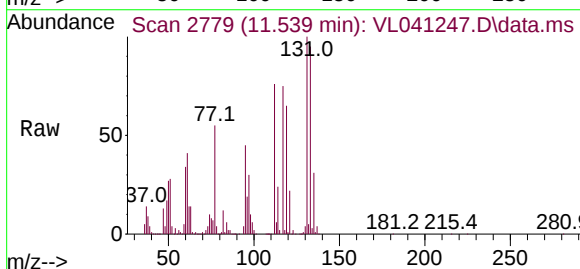
Tgt Ion:131 Resp: 918361

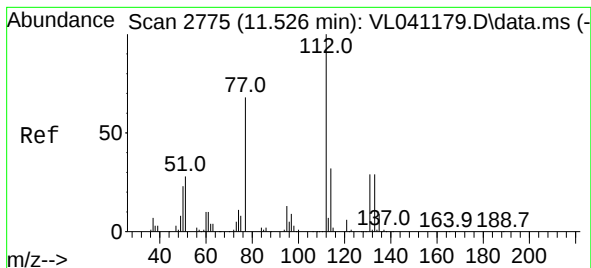
Ion Ratio Lower Upper

131 100

133 95.1 76.3 114.5

119 62.2 49.4 74.2

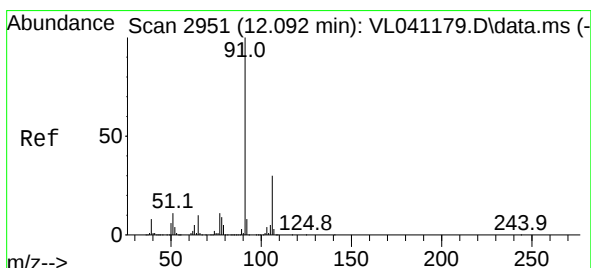
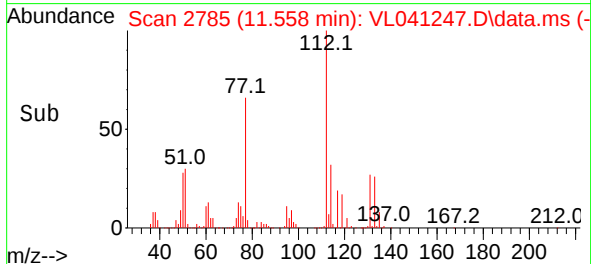
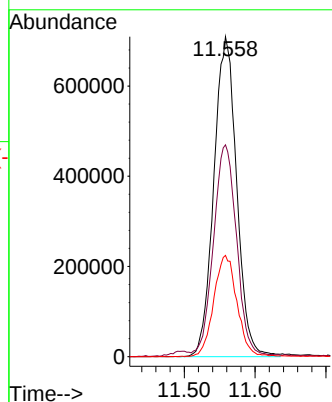
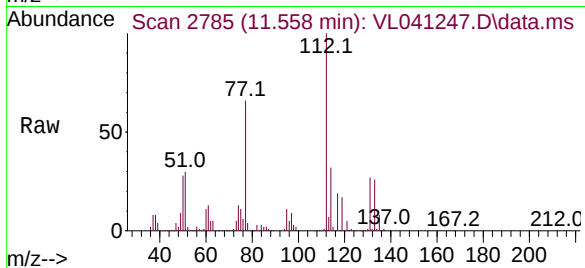




#57
Chlorobenzene
Concen: 10.235 ppbv
RT: 11.558 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

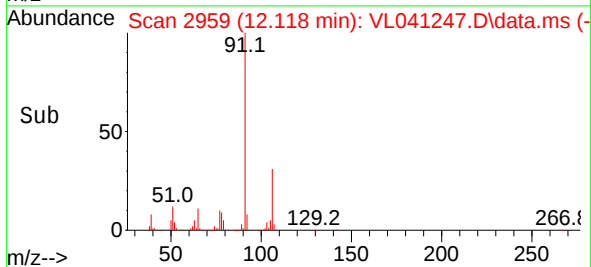
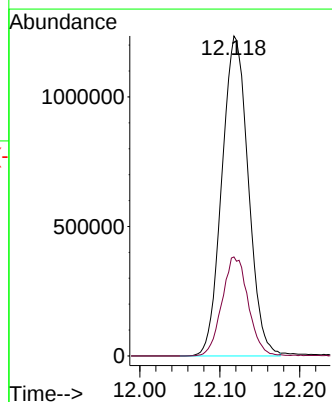
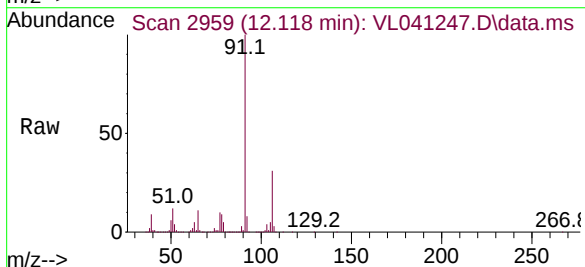
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

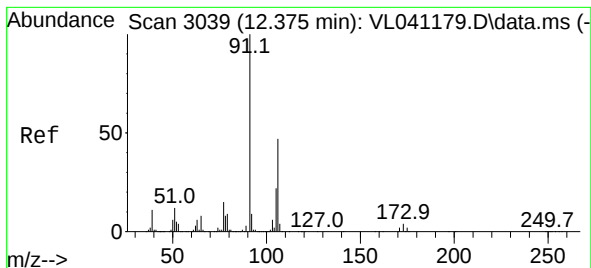
Tgt Ion:112 Resp: 1588281
Ion Ratio Lower Upper
112 100
77 65.7 54.9 82.3
114 31.6 28.7 35.1



#58
Ethyl Benzene
Concen: 9.739 ppbv
RT: 12.118 min Scan# 2959
Delta R.T. 0.006 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion: 91 Resp: 2829747
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5

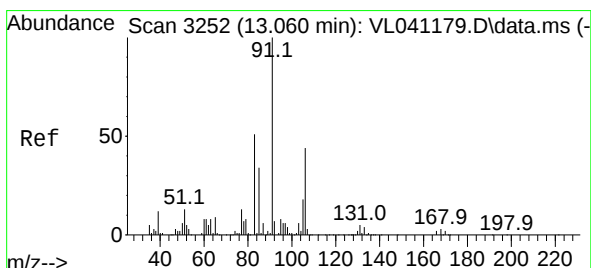
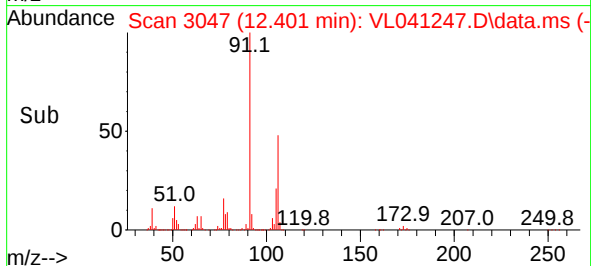
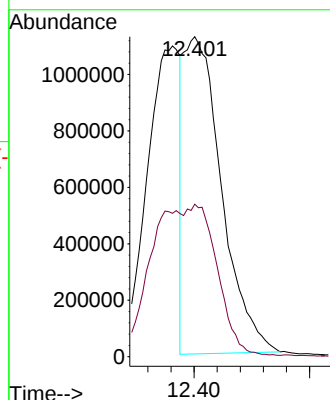
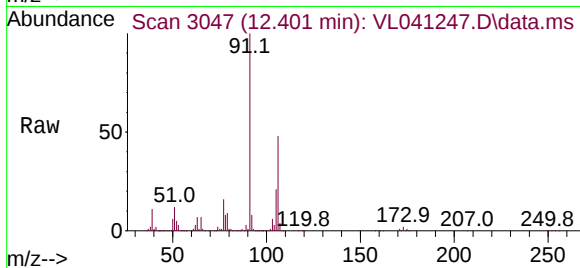




#59
m/p-Xylene
Concen: 10.459 ppbv
RT: 12.401 min Scan# 3039
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

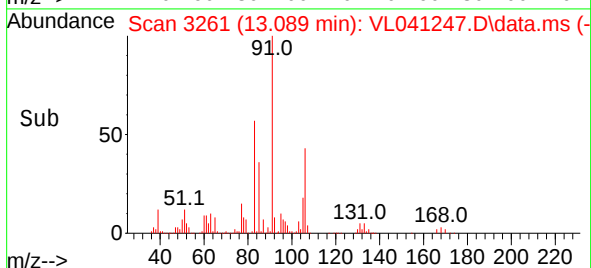
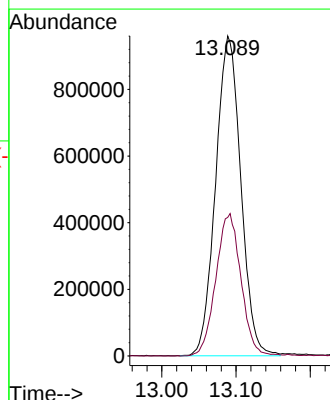
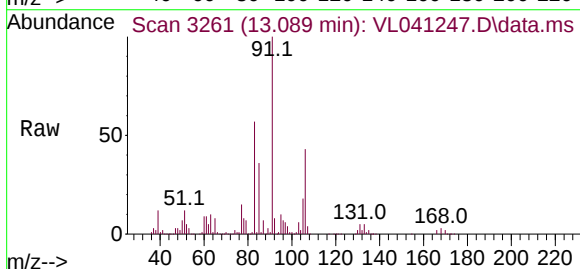
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

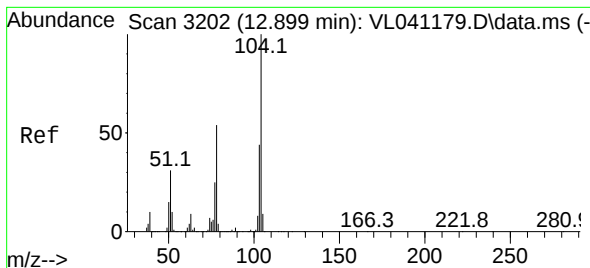
Tgt Ion: 91 Resp: 2554029
Ion Ratio Lower Upper
91 100
106 83.7 35.7 53.5#



#60
o-Xylene
Concen: 9.891 ppbv
RT: 13.089 min Scan# 3261
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion: 91 Resp: 2264019
Ion Ratio Lower Upper
91 100
106 44.9 22.4 67.3





#61

Styrene

Concen: 10.155 ppbv

RT: 12.928 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

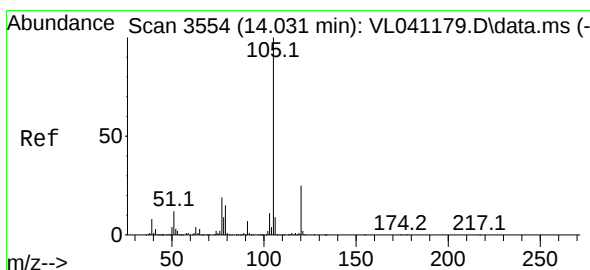
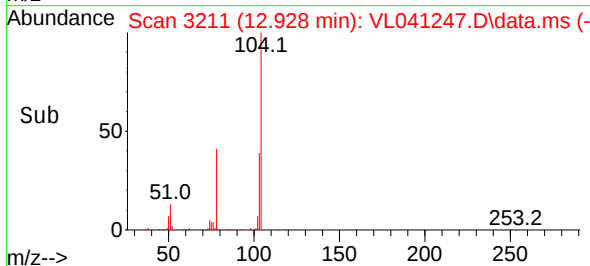
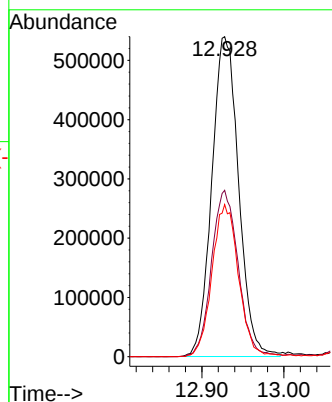
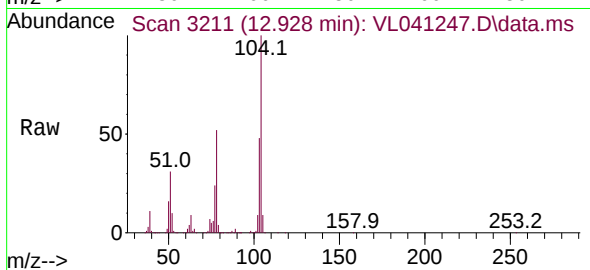
Tgt Ion:104 Resp: 1227983

Ion Ratio Lower Upper

104 100

78 51.7 42.6 63.8

103 47.3 38.4 57.6



#62

Isopropylbenzene

Concen: 9.929 ppbv

RT: 14.060 min Scan# 3563

Delta R.T. 0.010 min

Lab File: VL041247.D

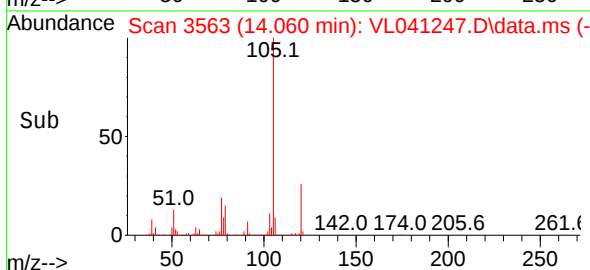
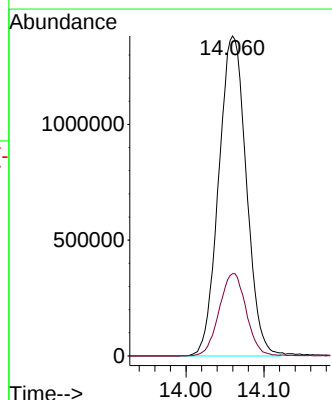
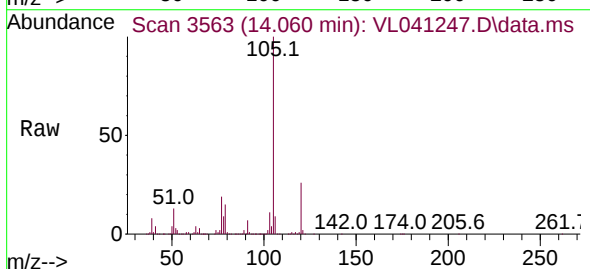
Acq: 8 May 2024 17:10

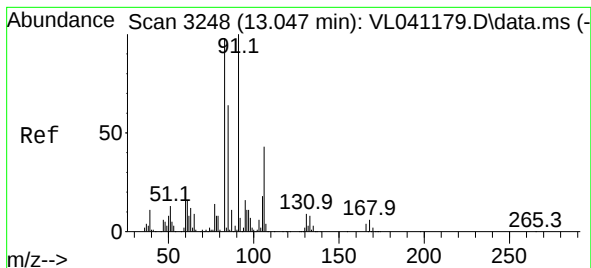
Tgt Ion:105 Resp: 3399532

Ion Ratio Lower Upper

105 100

120 25.4 20.2 30.2





#63

1,1,2,2-Tetrachloroethane

Concen: 10.235 ppbv

RT: 13.079 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

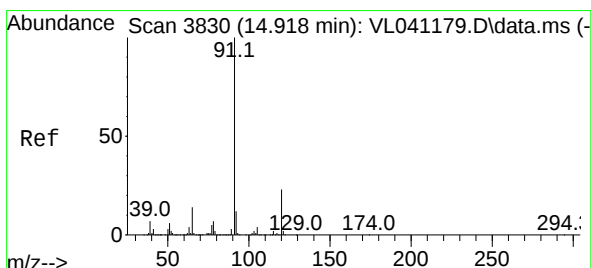
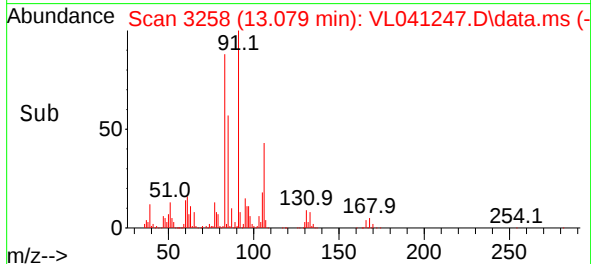
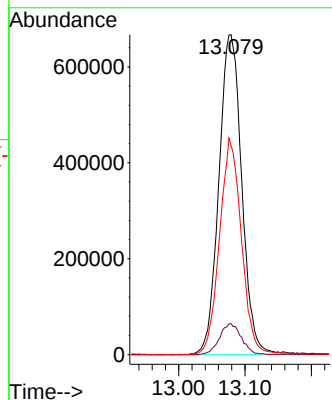
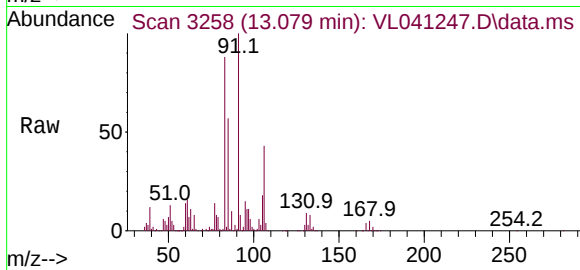
Tgt Ion: 83 Resp: 1596935

Ion Ratio Lower Upper

83 100

131 9.5 4.5 13.5

85 65.2 32.7 98.1



#64

n-propylbenzene

Concen: 10.532 ppbv

RT: 14.947 min Scan# 3839

Delta R.T. 0.013 min

Lab File: VL041247.D

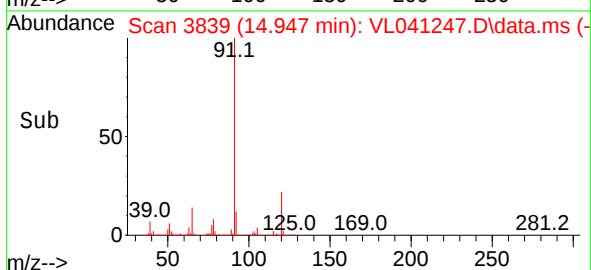
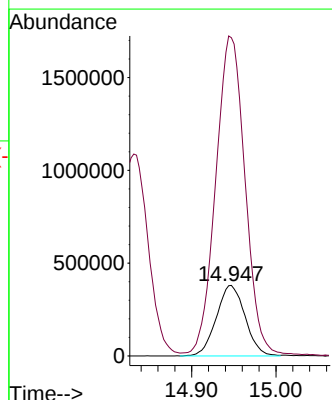
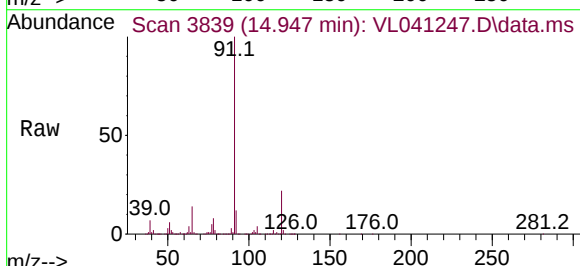
Acq: 8 May 2024 17:10

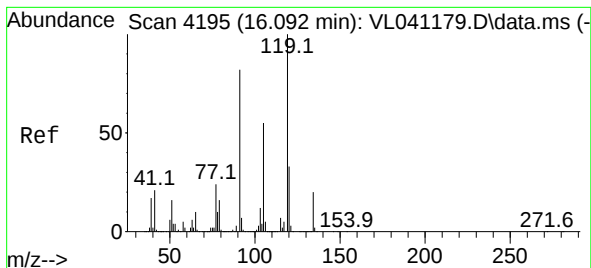
Tgt Ion:120 Resp: 899631

Ion Ratio Lower Upper

120 100

91 466.4 384.8 577.2





#65

tert-Butylbenzene

Concen: 9.764 ppbv

RT: 16.121 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

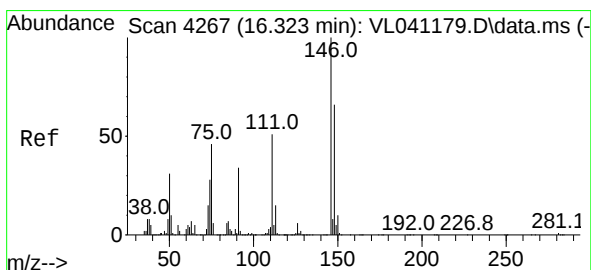
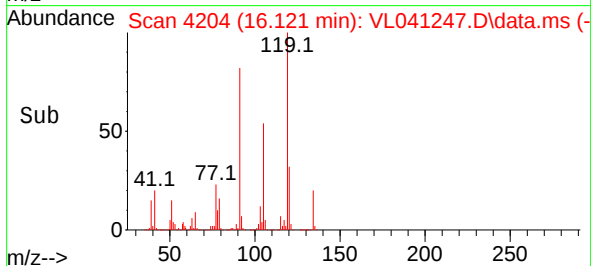
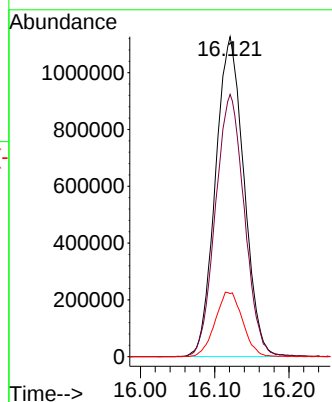
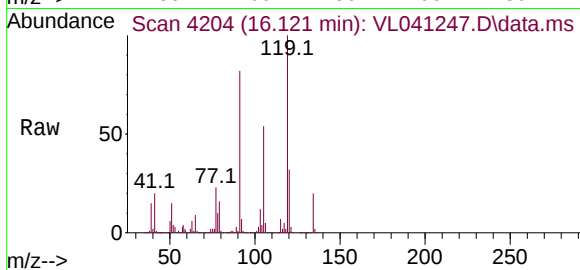
Tgt Ion:119 Resp: 2994135

Ion Ratio Lower Upper

119 100

91 83.6 67.0 100.4

134 19.6 15.2 22.8



#66

Benzyl Chloride

Concen: 4.942 ppbv

RT: 16.359 min Scan# 4278

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

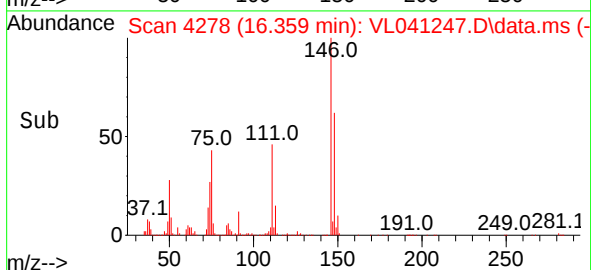
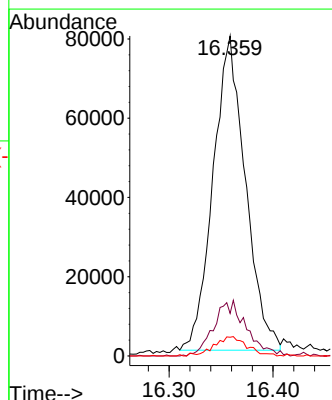
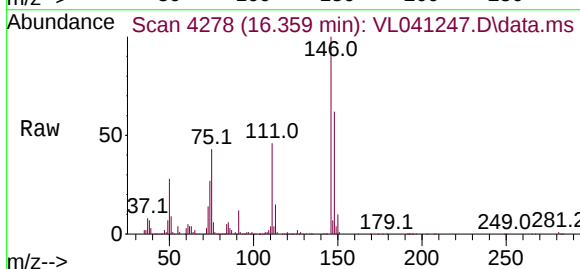
Tgt Ion: 91 Resp: 171552

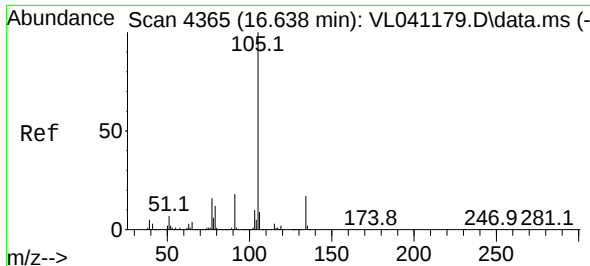
Ion Ratio Lower Upper

91 100

126 18.2 14.6 21.8

128 6.3 4.7 7.1





#67

sec-Butylbenzene

Concen: 9.885 ppbv

RT: 16.664 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

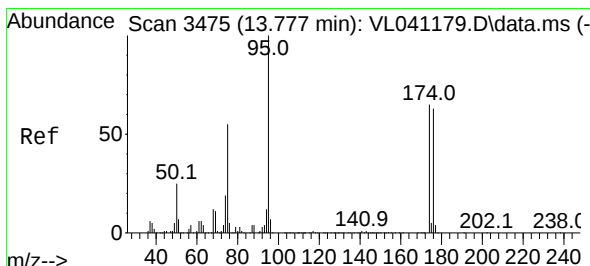
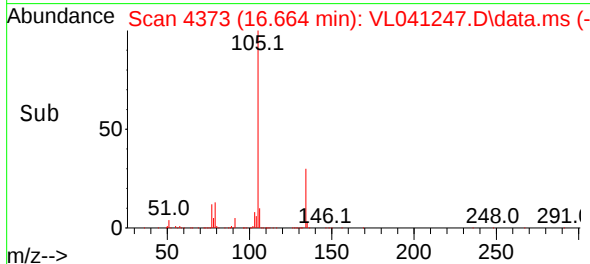
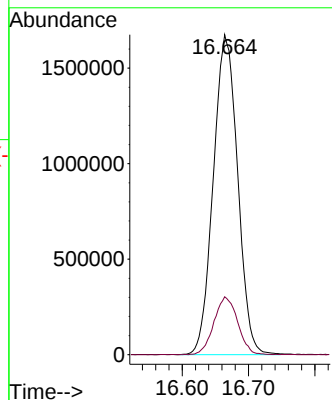
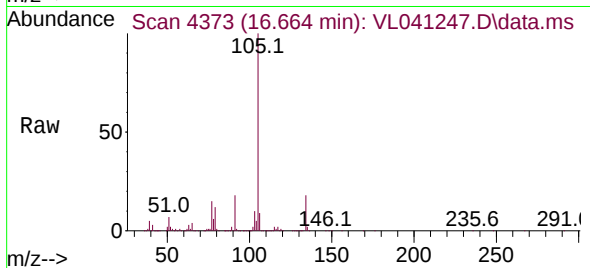
VSTDCCC010EC

Tgt Ion:105 Resp: 4267104

Ion Ratio Lower Upper

105 100

134 17.7 13.8 20.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.063 ppbv

RT: 13.806 min Scan# 3484

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

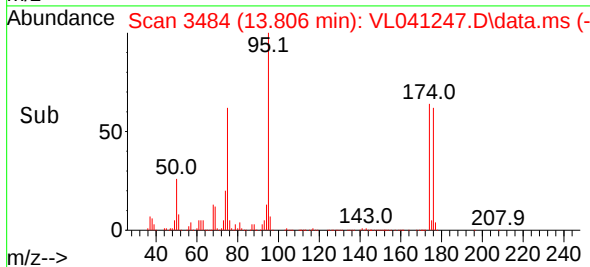
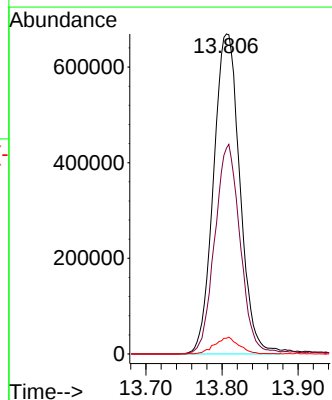
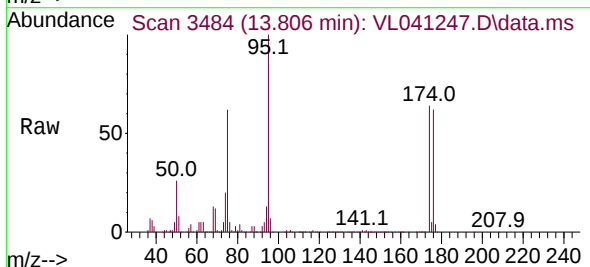
Tgt Ion: 95 Resp: 1609752

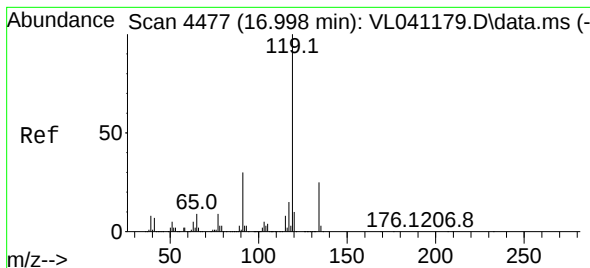
Ion Ratio Lower Upper

95 100

174 64.3 53.6 80.4

175 5.0 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.977 ppbv

RT: 17.024 min Scan# 4477

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010EC

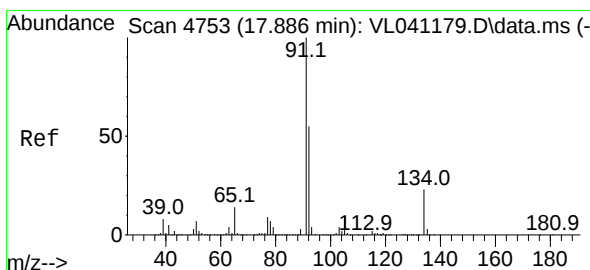
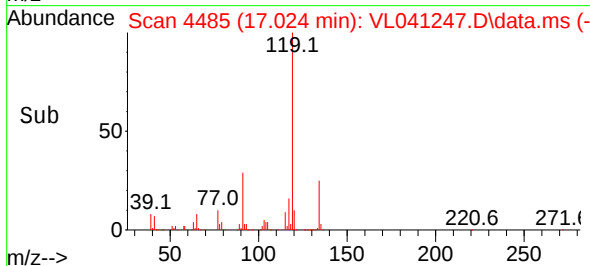
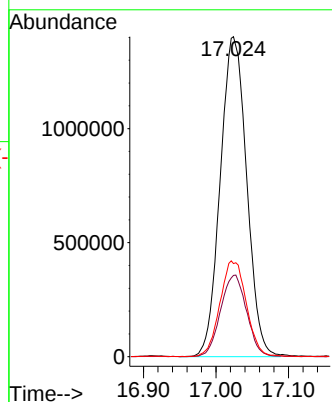
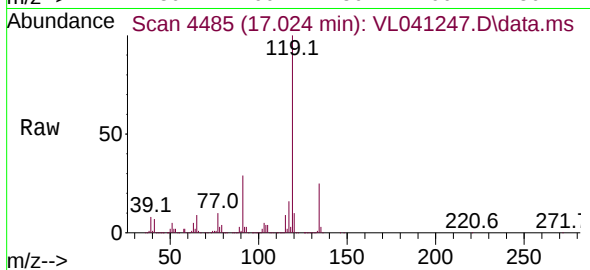
Tgt Ion:119 Resp: 3549306

Ion Ratio Lower Upper

119 100

134 25.2 20.1 30.1

91 30.0 24.2 36.2



#70

n-Butylbenzene

Concen: 9.911 ppbv

RT: 17.915 min Scan# 4762

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

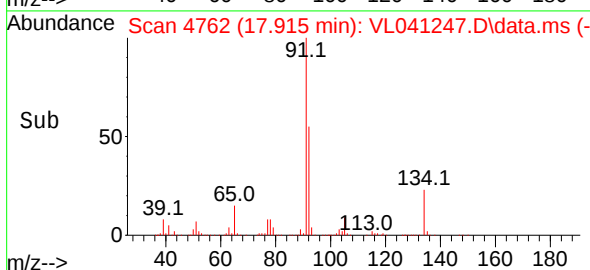
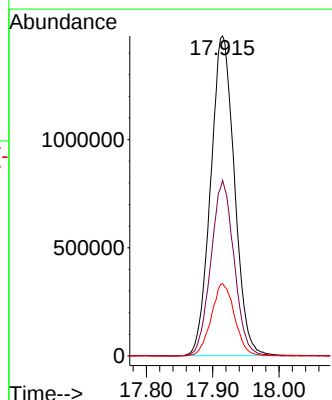
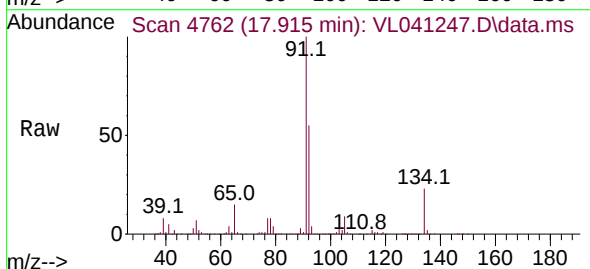
Tgt Ion: 91 Resp: 3682262

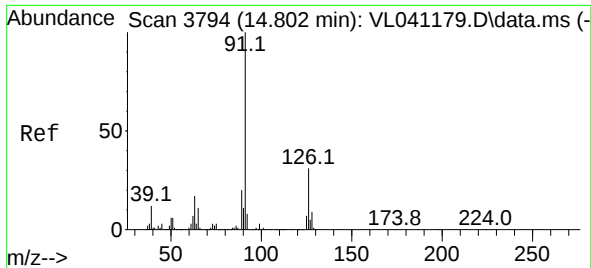
Ion Ratio Lower Upper

91 100

92 53.7 43.3 64.9

134 22.3 17.8 26.8

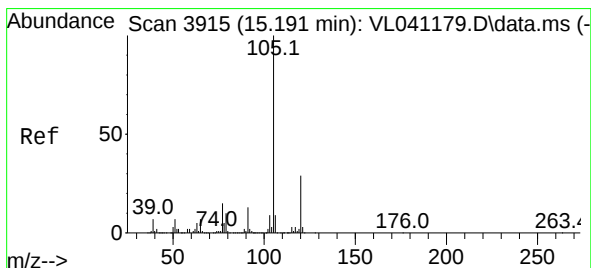
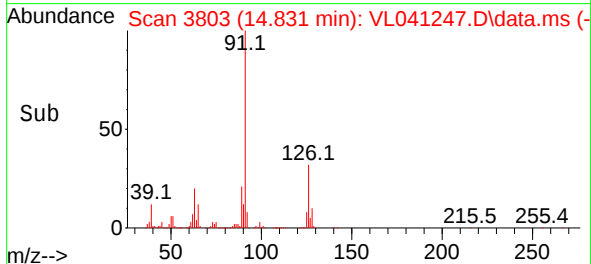
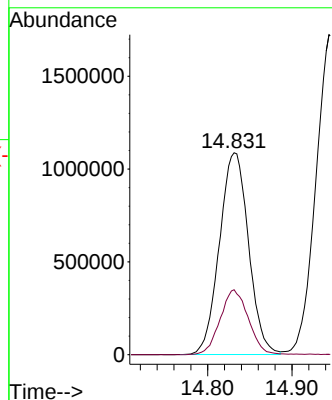
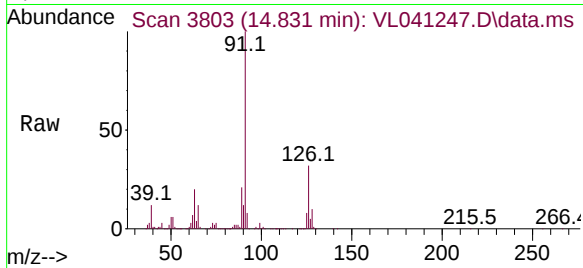




#71
2-Chlorotoluene
Concen: 10.014 ppbv
RT: 14.831 min Scan# 3803
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

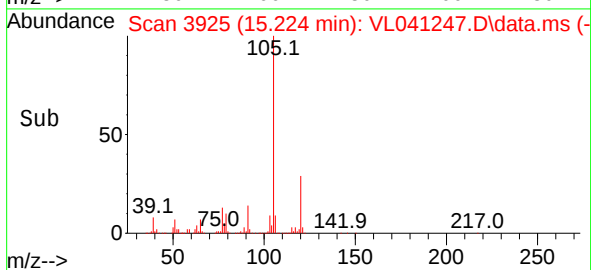
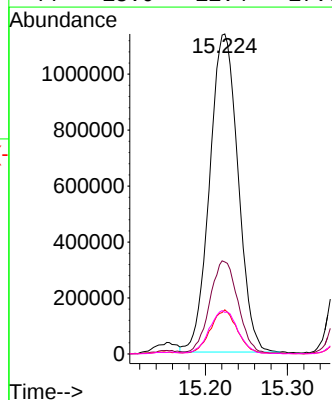
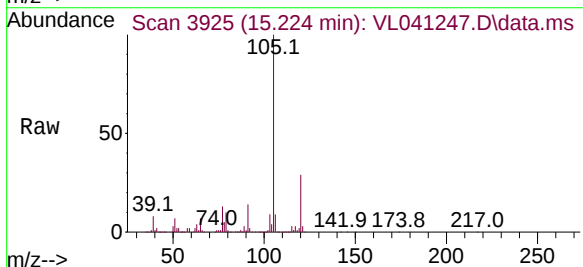
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

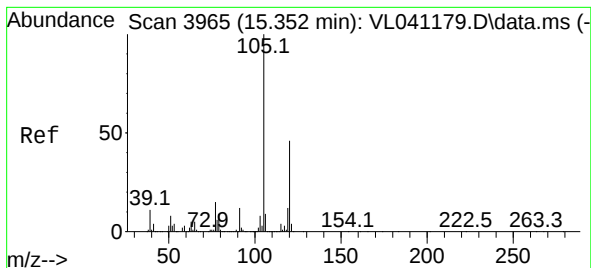
Tgt Ion: 91 Resp: 2610607
Ion Ratio Lower Upper
91 100
126 31.2 12.2 48.8



#72
4-Ethyltoluene
Concen: 10.528 ppbv
RT: 15.224 min Scan# 3925
Delta R.T. 0.013 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion:105 Resp: 2729801
Ion Ratio Lower Upper
105 100
120 29.2 24.7 37.1
91 13.3 10.3 15.5
77 13.9 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 10.161 ppbv

RT: 15.381 min Scan# 3965

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

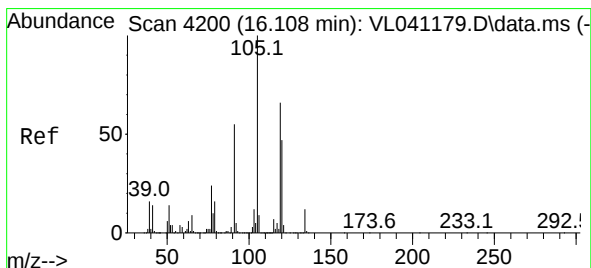
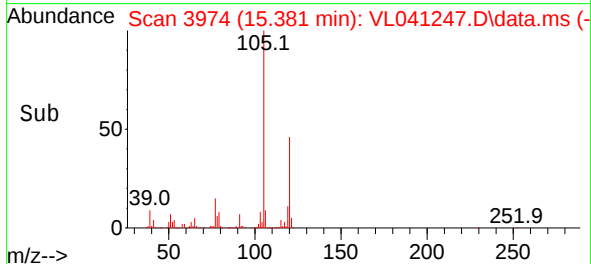
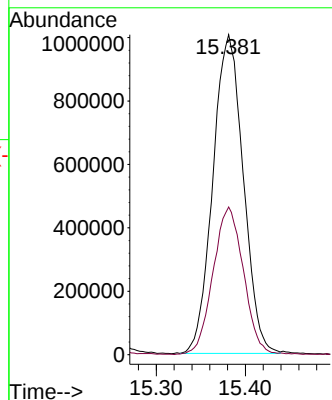
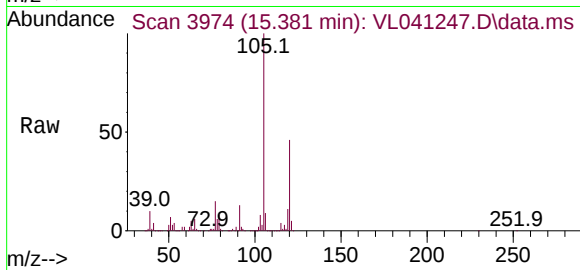
VSTDCCC010EC

Tgt Ion:105 Resp: 2383711

Ion Ratio Lower Upper

105 100

120 46.2 37.0 55.4



#74

1,2,4-Trimethylbenzene

Concen: 10.051 ppbv

RT: 16.137 min Scan# 4209

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Tgt Ion:105 Resp: 2575124

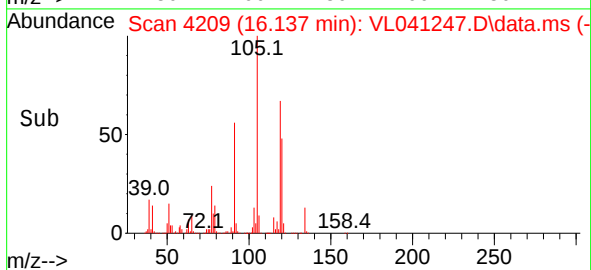
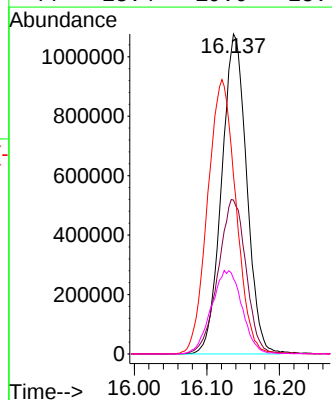
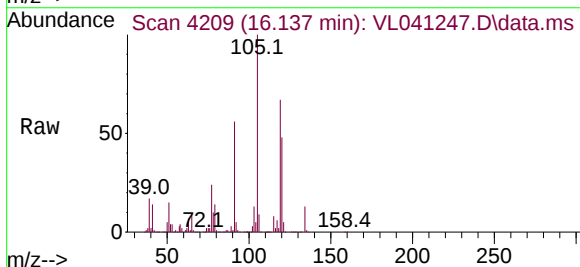
Ion Ratio Lower Upper

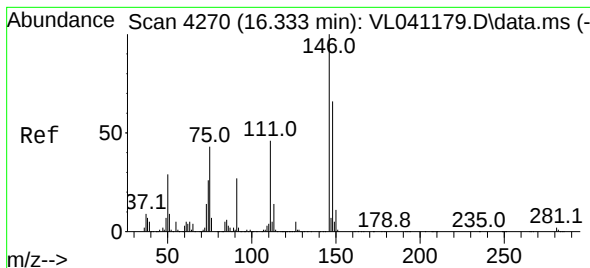
105 100

120 48.0 37.8 56.6

91 55.5 44.3 66.5

77 23.4 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 10.571 ppbv

RT: 16.362 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

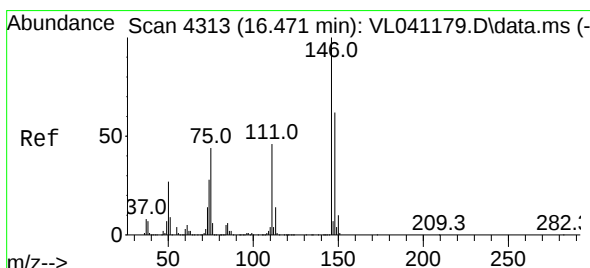
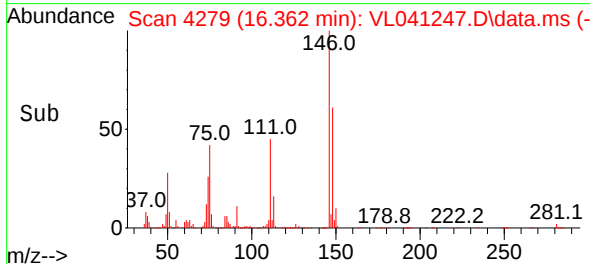
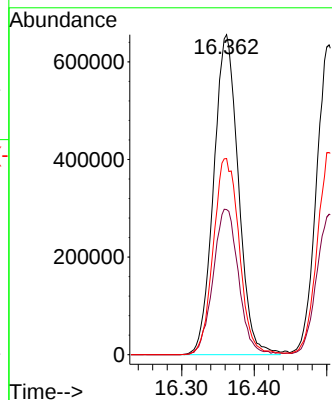
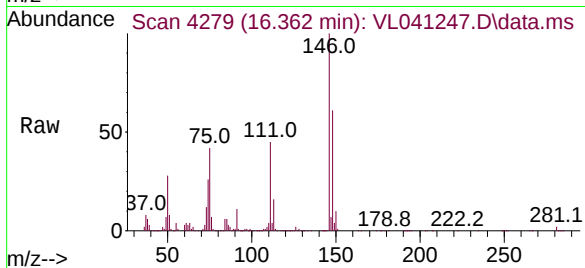
Tgt Ion:146 Resp: 1553038

Ion Ratio Lower Upper

146 100

111 46.9 23.7 71.1

148 64.1 32.5 97.4



#76

1,4-Dichlorobenzene

Concen: 10.717 ppbv

RT: 16.503 min Scan# 4323

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

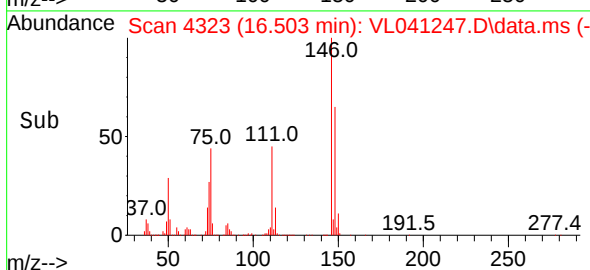
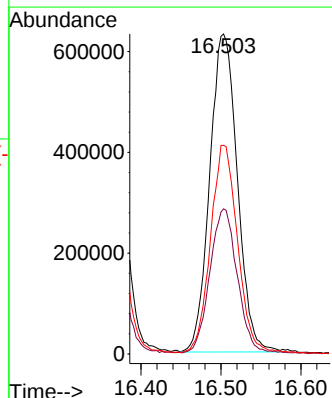
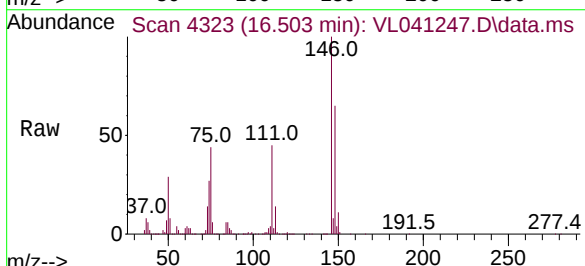
Tgt Ion:146 Resp: 1514104

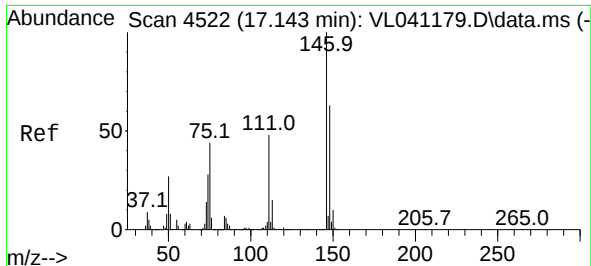
Ion Ratio Lower Upper

146 100

111 45.9 23.3 69.8

148 65.1 32.6 97.7

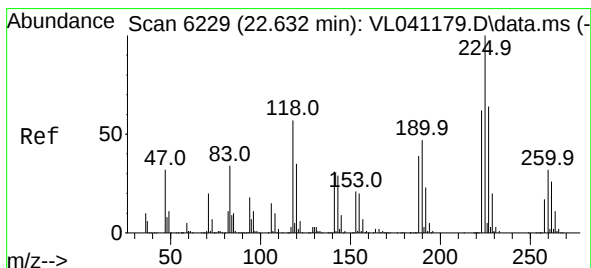
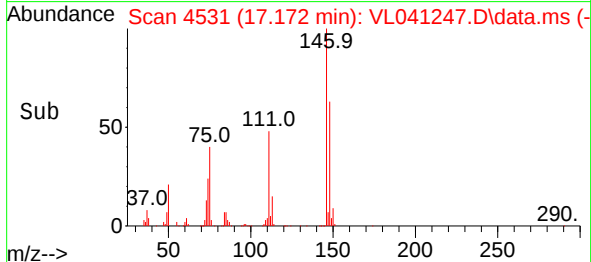
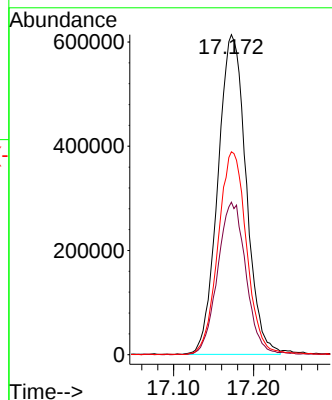
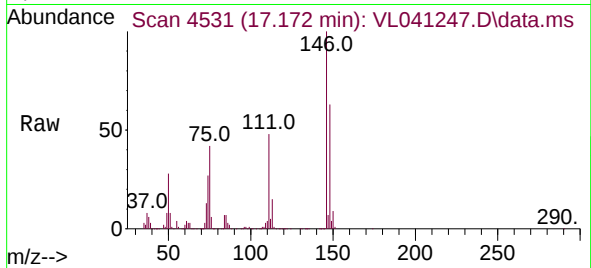




#77
1,2-Dichlorobenzene
Concen: 10.223 ppbv
RT: 17.172 min Scan# 4531
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

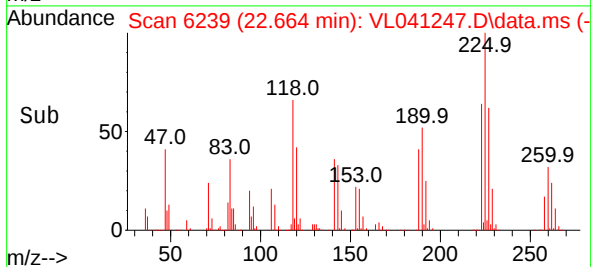
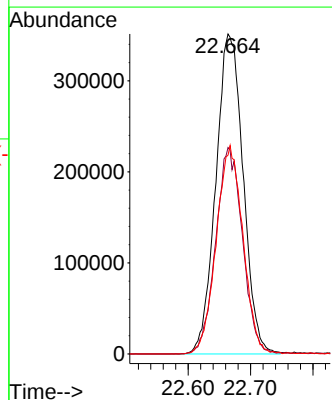
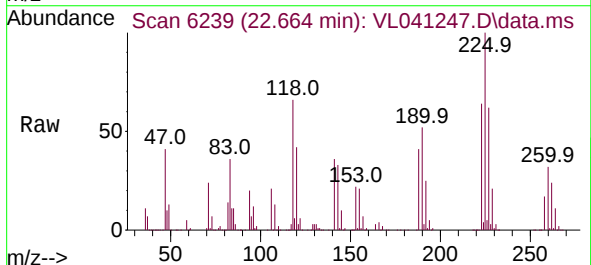
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

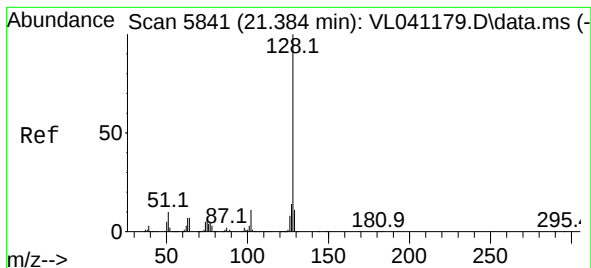
Tgt Ion:146 Resp: 1501237
Ion Ratio Lower Upper
146 100
111 48.1 24.5 73.5
148 64.4 32.6 98.0



#78
Hexachloro-1,3-Butadiene
Concen: 8.193 ppbv
RT: 22.664 min Scan# 6239
Delta R.T. 0.006 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion:225 Resp: 1069407
Ion Ratio Lower Upper
225 100
223 63.5 50.9 76.3
227 63.8 52.0 78.0





#79

Naphthalene

Concen: 10.533 ppbv

RT: 21.413 min Scan# 5850

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010EC

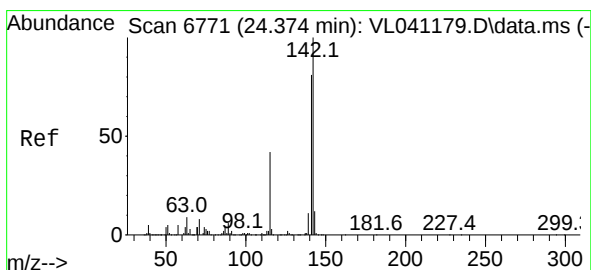
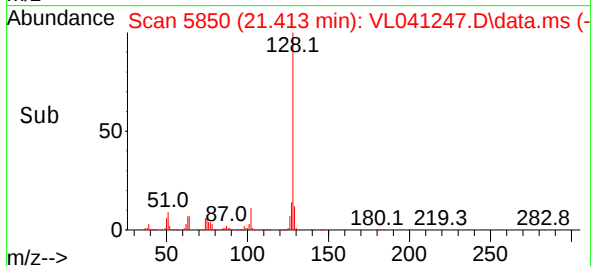
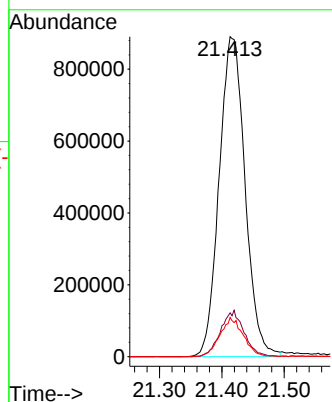
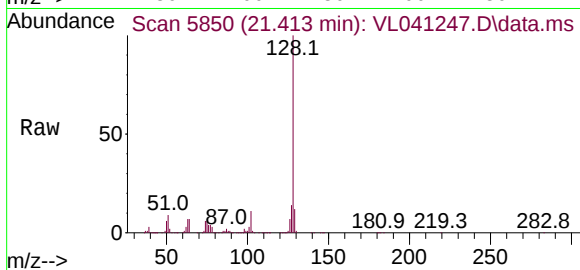
Tgt Ion:128 Resp: 2569903

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 12.3 8.9 13.3



#80

Naphthalene,2-methyl-

Concen: 7.983 ppbv

RT: 24.397 min Scan# 6778

Delta R.T. 0.006 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

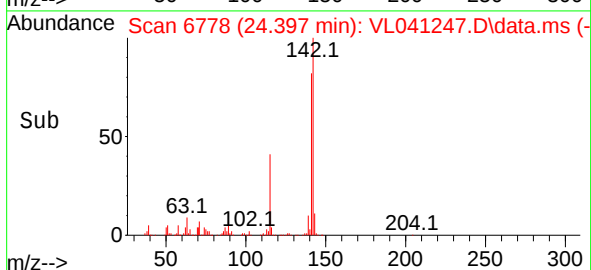
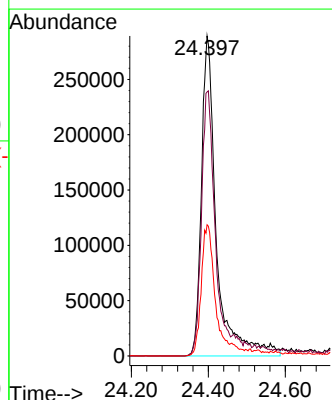
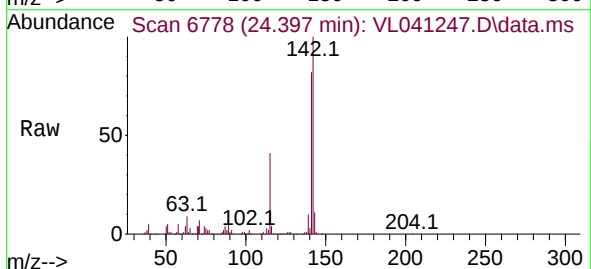
Tgt Ion:142 Resp: 783563

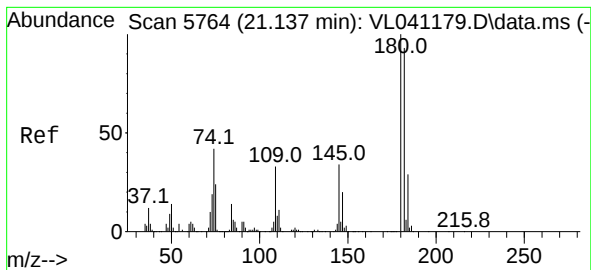
Ion Ratio Lower Upper

142 100

141 83.2 67.9 101.9

115 39.5 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.538 ppbv
 RT: 21.169 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041247.D
 Acq: 8 May 2024 17:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:180 Resp: 1228719
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.2 115.8
 184 30.5 24.6 36.8

