

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040433.D
 Acq On : 16 May 2023 10:54
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Quant Time: May 17 07:27:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 17 05:12:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1081652	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.655	114	2730067	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.478	117	2448894	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1952598	9.916	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	254631	1.198	ppbv	96
3) Chlorodifluoromethane	2.664	51	148335	1.062	ppbv	99
4) Chloromethane	2.806	50	91790	1.058	ppbv	95
5) Vinyl Chloride	2.912	62	74113	0.962	ppbv	98
6) Bromomethane	3.111	94	23963	1.024	ppbv	88
7) Chloroethane	3.192	64	26005	0.956	ppbv	98
8) Dichlorotetrafluoroethane	2.851	85	199119	1.043	ppbv	97
9) Propene	2.687	41	55434	1.020	ppbv	97
10) Heptane	7.587	43	122128	0.973	ppbv	97
11) Trichlorofluoromethane	3.558	101	194612	1.014	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.060	101	146209	1.039	ppbv	99
13) Ethanol	3.250	45	3598	0.874	ppbv #	26
14) Bromoethene	3.359	108	56174	1.002	ppbv #	95
15) Acetone	3.472	43	137626	1.006	ppbv	92
16) 1,3-Butadiene	2.980	39	60518	0.963	ppbv	90
17) tert-Butyl alcohol	3.883	59	142592	1.040	ppbv	99
18) 1,1-Dichloroethene	3.877	96	62843	1.013	ppbv	90
19) Isopropyl Alcohol	3.581	45	30480	0.457	ppbv #	86
20) Methylene Chloride	3.928	84	68327	1.121	ppbv	95
21) Allyl Chloride	3.996	41	85645	0.979	ppbv	94
22) trans-1,2-Dichloroethene	4.446	96	60316	0.974	ppbv	94
23) Vinyl Acetate	4.629	43	33967	0.898	ppbv #	89
24) 1,1-Dichloroethane	4.562	63	134842	1.042	ppbv	99
25) Ethyl Acetate	5.211	43	258588	1.003	ppbv	98
26) Hexane	5.214	57	108443	1.015	ppbv	92
27) Carbon Disulfide	4.121	76	130936	0.933	ppbv #	92
28) Methyl tert-Butyl Ether	4.594	73	116450	1.026	ppbv	98
29) Chloroform	5.275	83	200898	1.031	ppbv	95
30) Cyclohexane	6.610	84	81113	0.933	ppbv	89
31) cis-1,2-Dichloroethene	5.079	61	105646	0.999	ppbv	98
32) 1,1,1-Trichloroethane	6.005	97	194555	0.961	ppbv	98
34) 2-Butanone	4.790	43	150633	1.036	ppbv	100
35) Carbon Tetrachloride	6.494	117	191462	0.977	ppbv	94
36) Benzene	6.375	78	220451	0.994	ppbv	97
37) 1,2-Dichloroethane	5.803	62	144867	1.000	ppbv	99
38) Trichloroethene	7.295	130	126022	0.923	ppbv	94
39) 1,2-Dichloropropane	7.076	63	87733	1.010	ppbv	92
40) 1,4-Dioxane	7.269	88	164	0.005	ppbv #	1
41) Tetrahydrofuran	5.571	42	30102	0.373	ppbv #	35
42) Bromodichloromethane	7.253	83	193487	0.987	ppbv	97
43) Methyl Methacrylate	7.487	69	76418	0.932	ppbv	93
44) 2,2,4-Trimethylpentane	7.327	57	182227	0.497	ppbv #	42
45) t-1,3-Dichloropropene	8.719	75	58440	0.813	ppbv	94

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

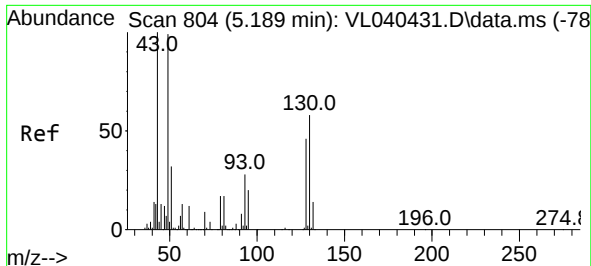
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 17 05:12:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	87739	0.864	ppbv	98
47) 1,1,2-Trichloroethane	8.899	97	39180	0.413	ppbv	94
48) Dibromochloromethane	9.719	129	144886	0.957	ppbv	98
49) Bromoform	12.416	173	108742	0.910	ppbv	96
50) 4-Methyl-2-Pentanone	8.198	43	219930	0.980	ppbv	98
51) 2-Hexanone	9.574	43	144857	0.876	ppbv #	99
52) Tetrachloroethene	10.619	164	38226	0.508	ppbv	88
53) Toluene	9.230	91	219263	0.936	ppbv	100
54) 1,2-Dibromoethane	10.021	107	92718	0.979	ppbv	93
56) 1,1,1,2-Tetrachloroethane	11.516	131	115214	1.016	ppbv #	1
57) Chlorobenzene	11.532	112	206134	1.045	ppbv #	94
58) Ethyl Benzene	12.105	91	311000	1.004	ppbv	100
59) m/p-Xylene	12.384	91	267672	0.947	ppbv #	27
60) o-Xylene	13.069	91	275423	1.024	ppbv	100
61) Styrene	12.912	104	120500	0.884	ppbv	97
62) Isopropylbenzene	14.040	105	408617	1.039	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.060	83	98997	1.020	ppbv	98
64) n-propylbenzene	14.931	120	95089	0.980	ppbv	76
65) tert-Butylbenzene	16.104	119	356097	1.033	ppbv	95
66) Benzyl Chloride	16.333	91	3824	0.187	ppbv #	68
67) sec-Butylbenzene	16.645	105	519827	1.047	ppbv	98
69) p-Isopropyltoluene	17.008	119	401852	1.030	ppbv	96
70) n-Butylbenzene	17.902	91	450839	1.037	ppbv	96
71) 2-Chlorotoluene	14.815	91	303062	1.013	ppbv	97
72) 4-Ethyltoluene	15.204	105	298244	0.978	ppbv	98
73) 1,3,5-Trimethylbenzene	15.365	105	280182	1.000	ppbv	92
74) 1,2,4-Trimethylbenzene	16.117	105	341599	1.060	ppbv #	90
75) 1,3-Dichlorobenzene	16.346	146	182487	1.029	ppbv	98
76) 1,4-Dichlorobenzene	16.487	146	171355	0.999	ppbv	97
77) 1,2-Dichlorobenzene	17.159	146	176452	1.027	ppbv	94
78) Hexachloro-1,3-Butadiene	22.651	225	137187	1.068	ppbv	99
79) Naphthalene	21.403	128	104796	0.538	ppbv	99
80) Naphthalene,2-methyl-	24.394	142	30350	0.544	ppbv #	82
81) 1,2,4-Trichlorobenzene	21.159	180	107059	0.888	ppbv	92

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

Quant Time: May 17 07:27:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
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QLast Update : Wed May 17 05:12:40 2023
Response via : Initial Calibration

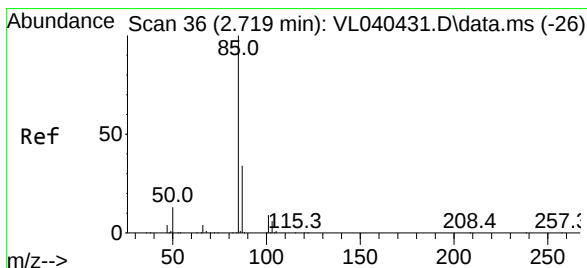
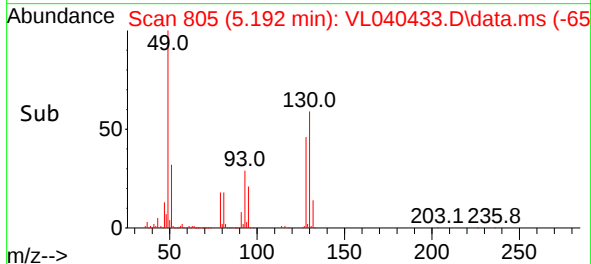
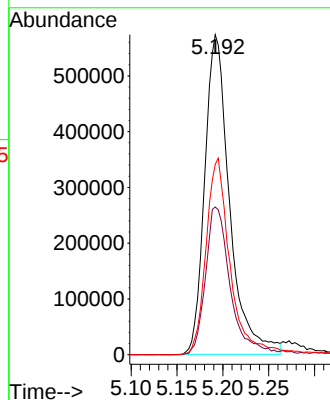
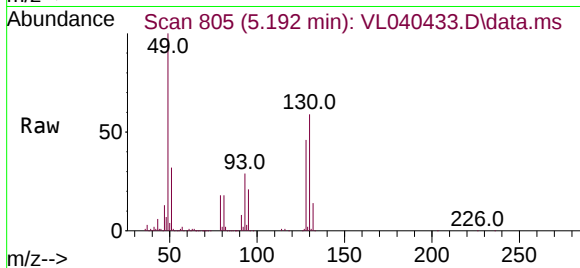




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

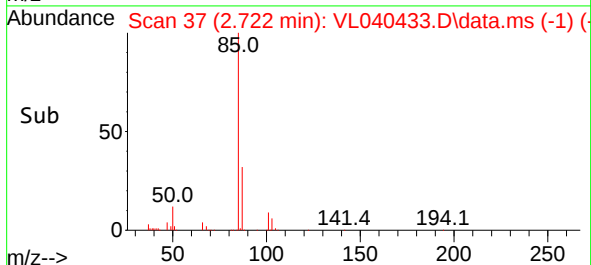
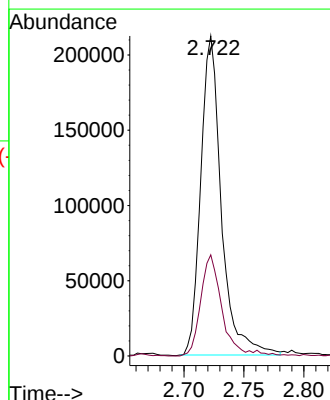
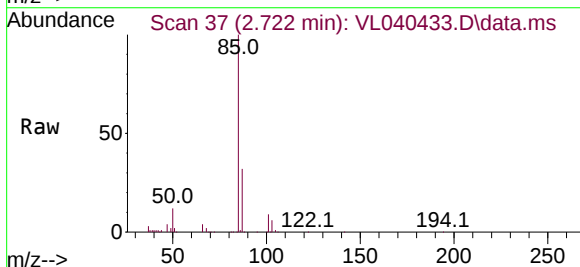
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MSVOA_L
ClientSampleId :
VSTDIC001

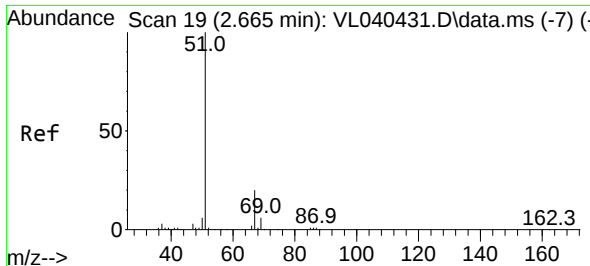
Tgt Ion: 49 Resp: 1081652
Ion Ratio Lower Upper
49 100
128 47.5 24.3 72.8
130 60.8 30.2 90.6



#2
Dichlorodifluoromethane
Concen: 1.198 ppbv
RT: 2.722 min Scan# 37
Delta R.T. -0.006 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion: 85 Resp: 254631
Ion Ratio Lower Upper
85 100
87 31.7 27.4 41.0

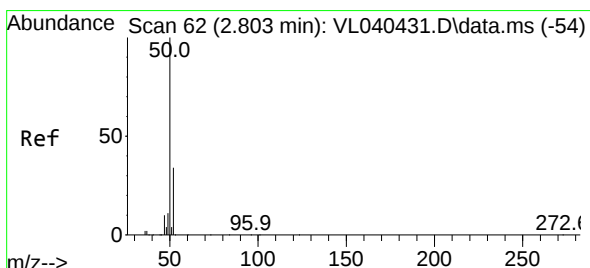
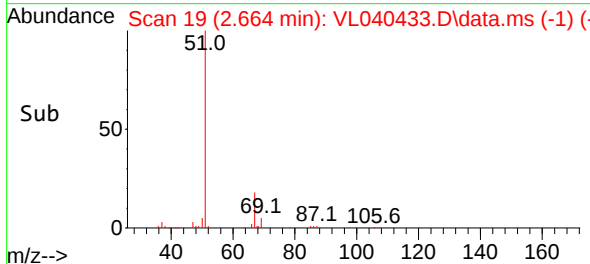
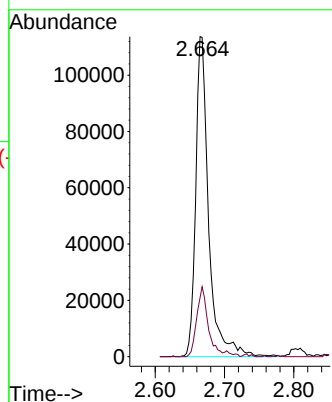
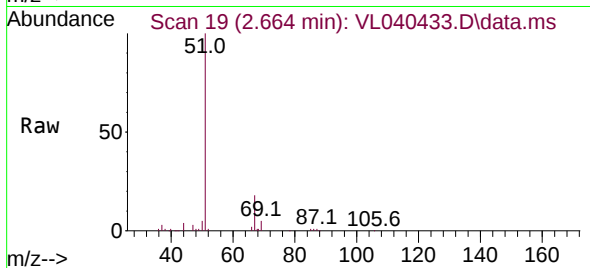




#3
Chlorodifluoromethane
Concen: 1.062 ppbv
RT: 2.664 min Scan# 19
Delta R.T. -0.010 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

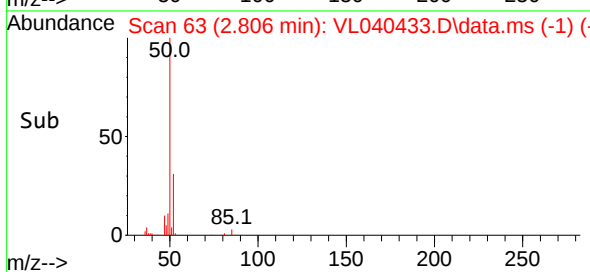
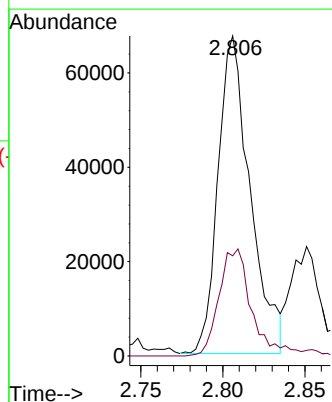
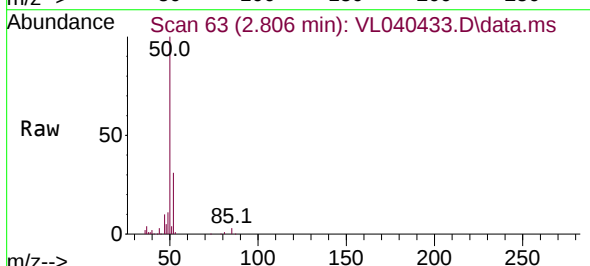
Instrument :
MSVOA_L
ClientSampleId :
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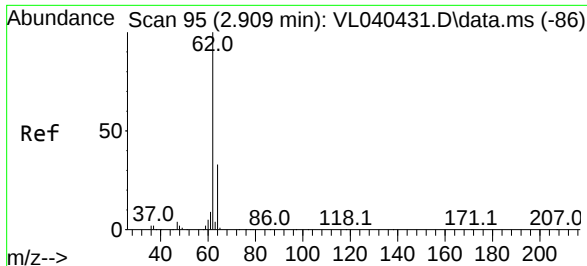
Tgt Ion: 51 Resp: 148335
Ion Ratio Lower Upper
51 100
67 20.2 15.8 23.6



#4
Chloromethane
Concen: 1.058 ppbv
RT: 2.806 min Scan# 63
Delta R.T. -0.006 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion: 50 Resp: 91790
Ion Ratio Lower Upper
50 100
52 31.5 27.6 41.4

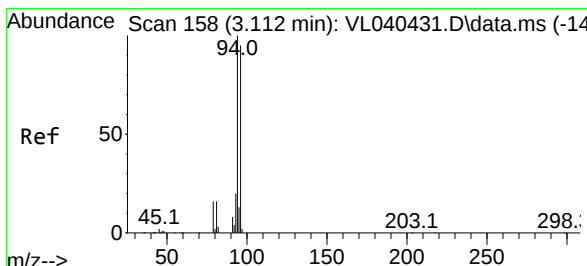
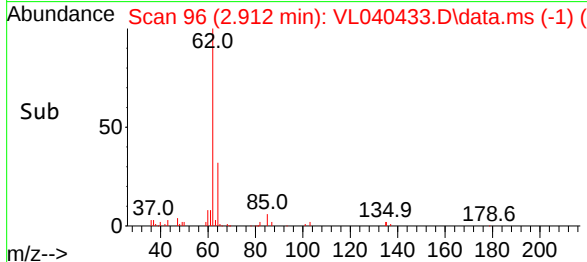
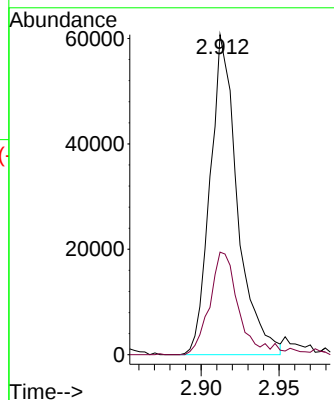
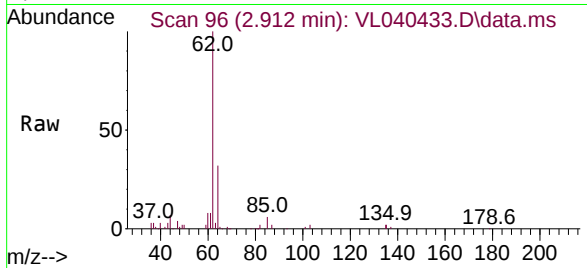




#5
 Vinyl Chloride
 Concen: 0.962 ppbv
 RT: 2.912 min Scan# 95
 Delta R.T. -0.010 min
 Lab File: VL040433.D
 Acq: 16 May 2023 10:54

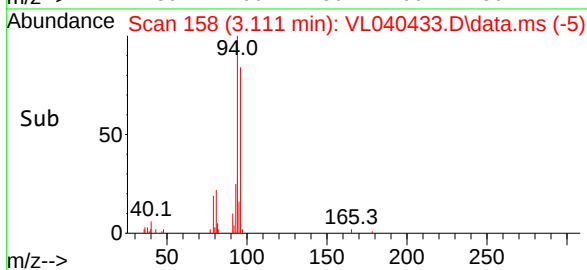
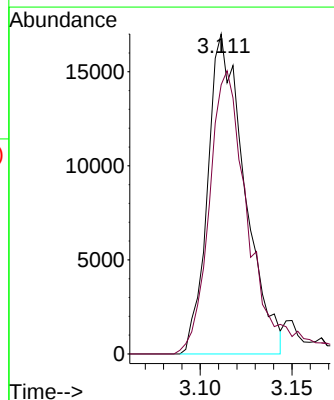
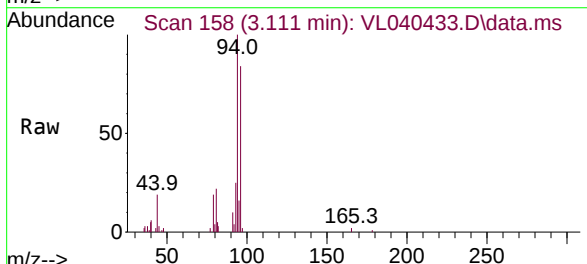
Instrument :
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 ClientSampleId :
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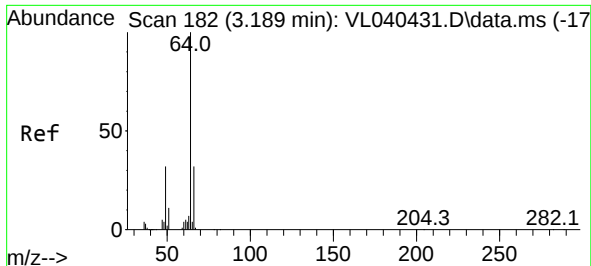
Tgt Ion: 62 Resp: 74113
 Ion Ratio Lower Upper
 62 100
 64 32.0 26.6 40.0



#6
 Bromomethane
 Concen: 1.024 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. -0.010 min
 Lab File: VL040433.D
 Acq: 16 May 2023 10:54

Tgt Ion: 94 Resp: 23963
 Ion Ratio Lower Upper
 94 100
 96 83.0 75.7 113.5

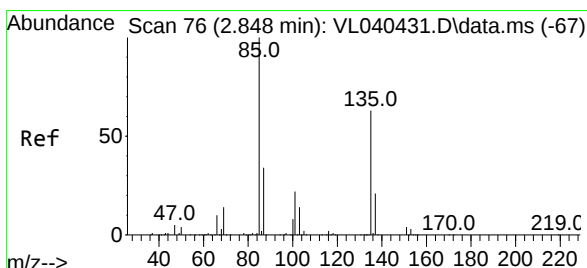
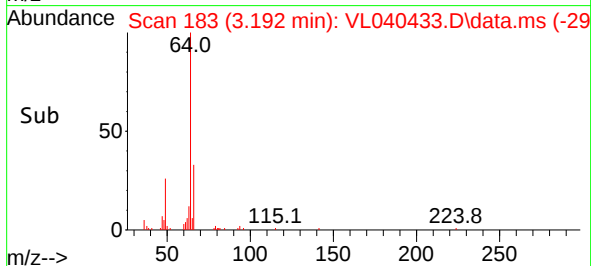
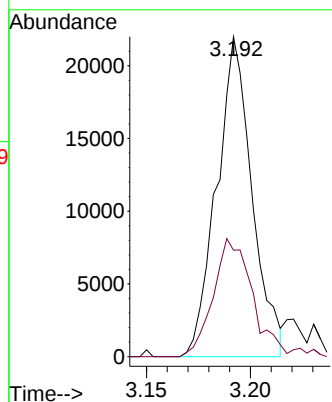
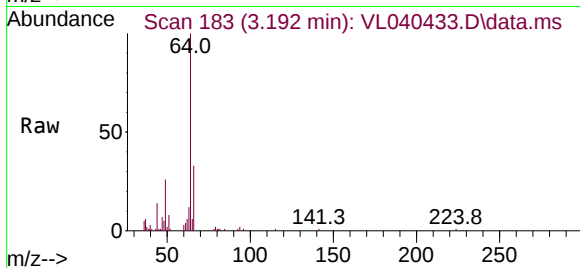




#7
Chloroethane
Concen: 0.956 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

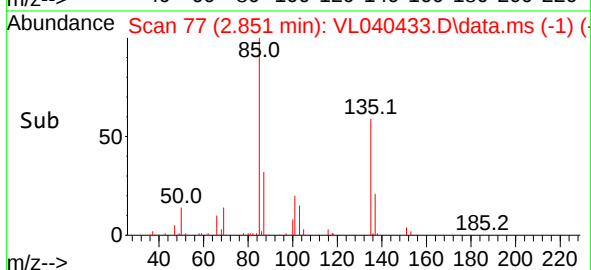
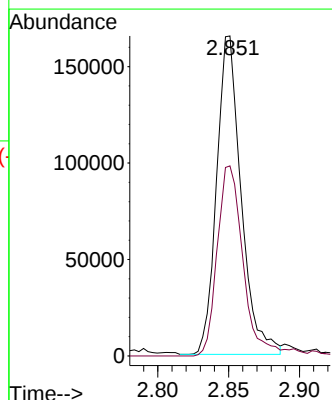
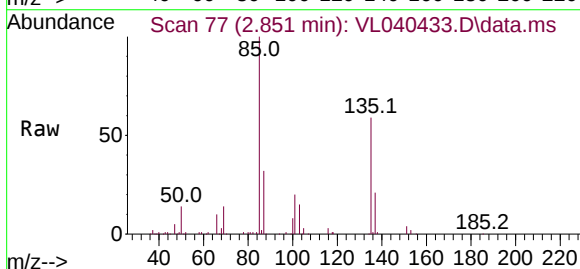
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ClientSampleId :
VSTDIC001

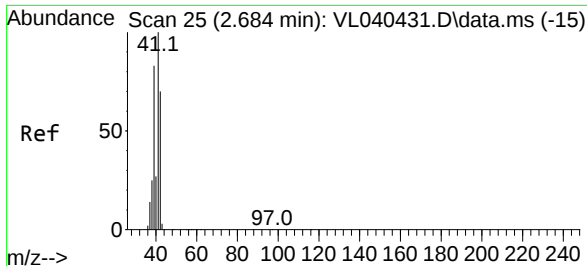
Tgt Ion: 64 Resp: 26005
Ion Ratio Lower Upper
64 100
66 33.3 25.8 38.8



#8
Dichlorotetrafluoroethane
Concen: 1.043 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.006 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion: 85 Resp: 199119
Ion Ratio Lower Upper
85 100
135 65.4 50.6 75.8





#9

Propene

Concen: 1.020 ppbv

RT: 2.687 min Scan# 2

Delta R.T. -0.006 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

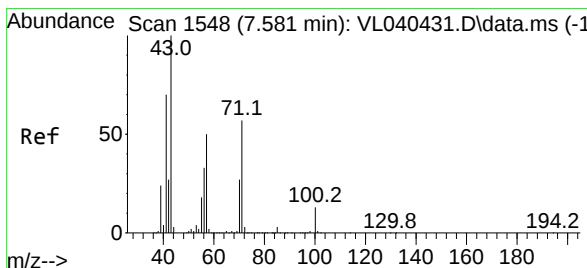
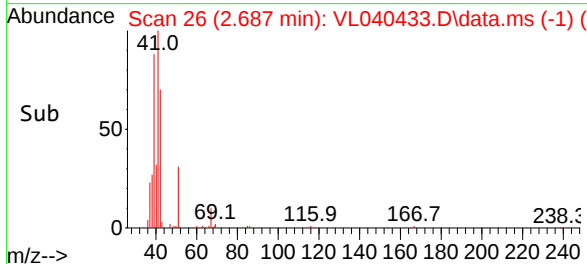
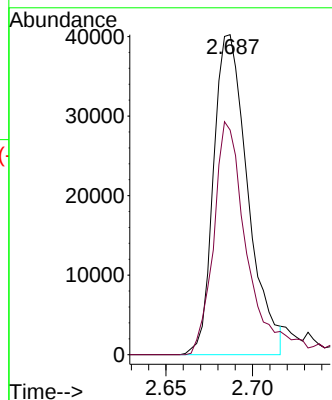
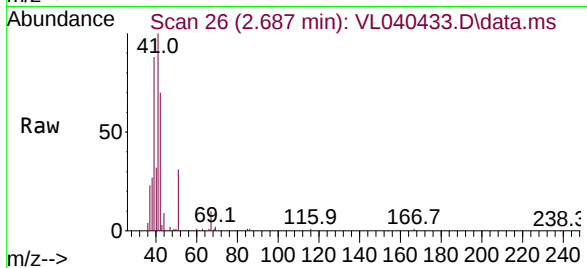
VSTDIC001

Tgt Ion: 41 Resp: 55434

Ion Ratio Lower Upper

41 100

42 73.5 56.6 84.8



#10

Heptane

Concen: 0.973 ppbv

RT: 7.587 min Scan# 1550

Delta R.T. -0.010 min

Lab File: VL040433.D

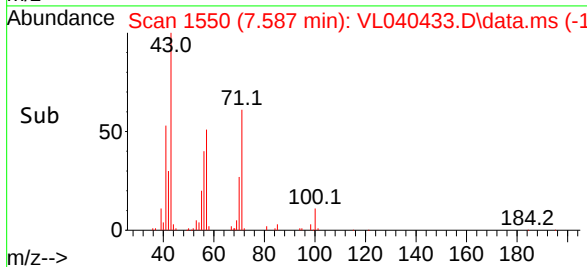
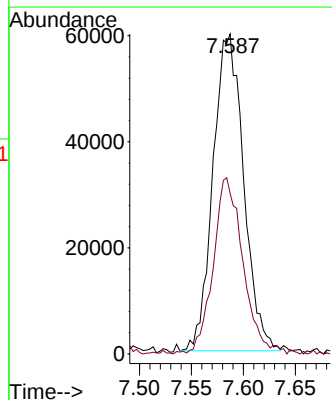
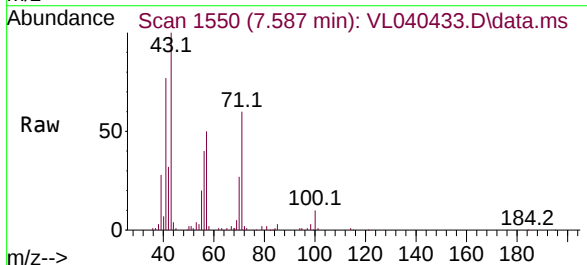
Acq: 16 May 2023 10:54

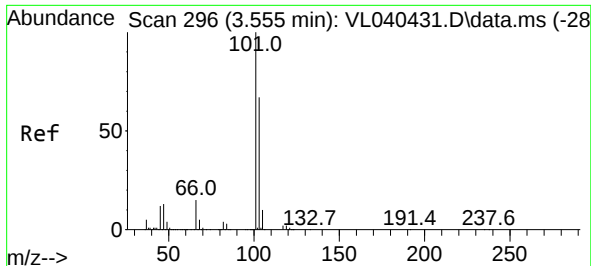
Tgt Ion: 43 Resp: 122128

Ion Ratio Lower Upper

43 100

57 54.8 42.2 63.2

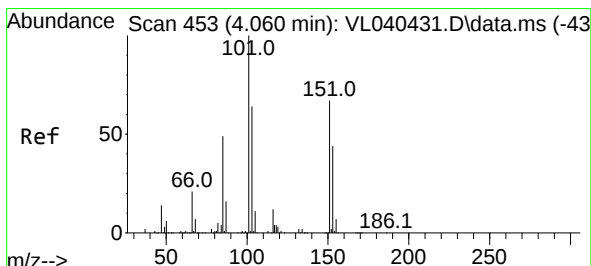
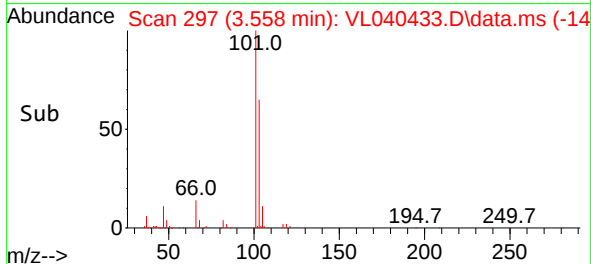
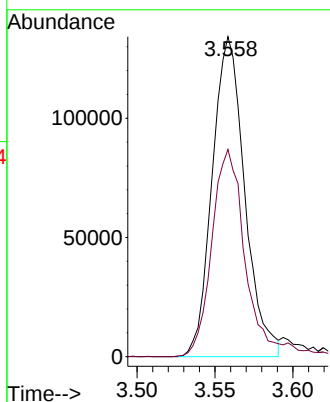
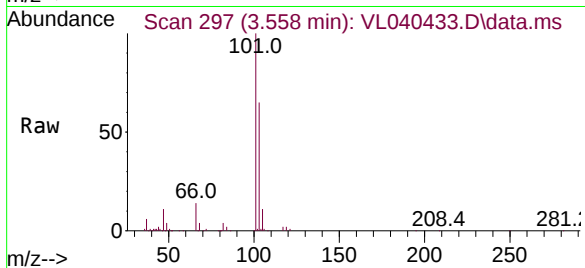




#11
Trichlorofluoromethane
Concen: 1.014 ppbv
RT: 3.558 min Scan# 296
Delta R.T. -0.010 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

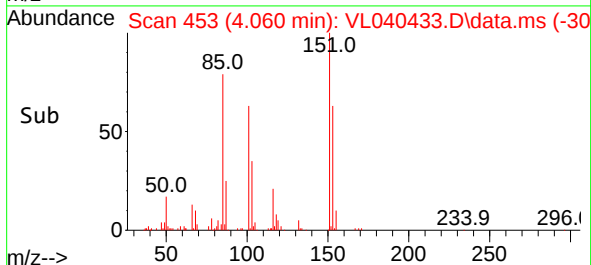
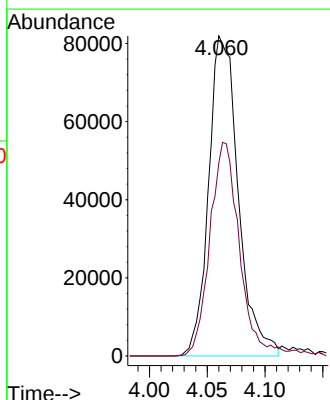
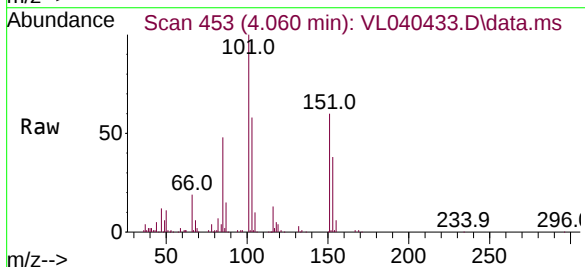
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

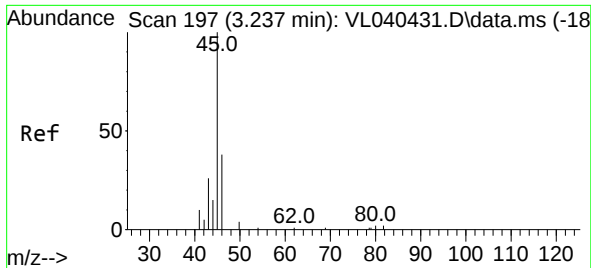
Tgt Ion:101 Resp: 194612
Ion Ratio Lower Upper
101 100
103 64.5 53.3 79.9



#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.039 ppbv
RT: 4.060 min Scan# 453
Delta R.T. -0.013 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion:101 Resp: 146209
Ion Ratio Lower Upper
101 100
151 67.6 53.8 80.6





#13

Ethanol

Concen: 0.874 ppbv

RT: 3.250 min Scan# 201

Delta R.T. 0.000 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

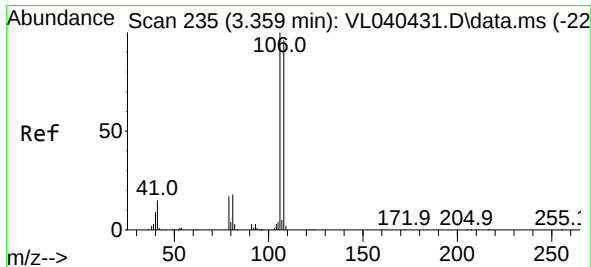
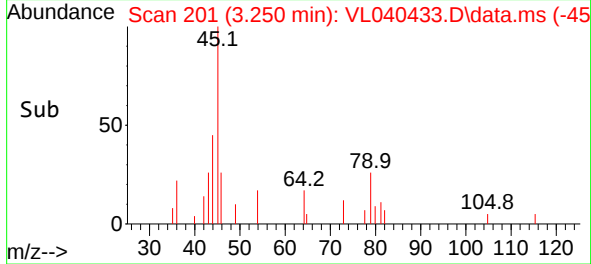
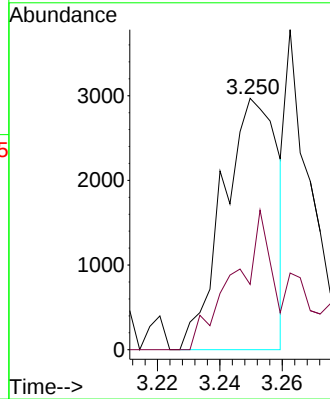
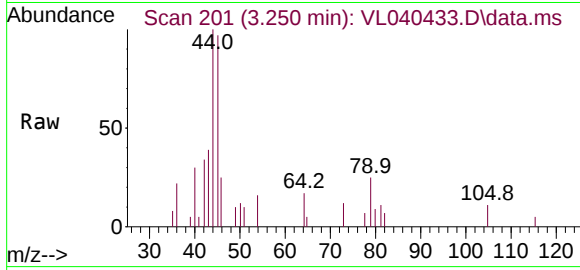
VSTDICC001

Tgt Ion: 45 Resp: 3598

Ion Ratio Lower Upper

45 100

46 74.9 13.2 52.8#



#14

Bromoethene

Concen: 1.002 ppbv

RT: 3.359 min Scan# 235

Delta R.T. -0.010 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

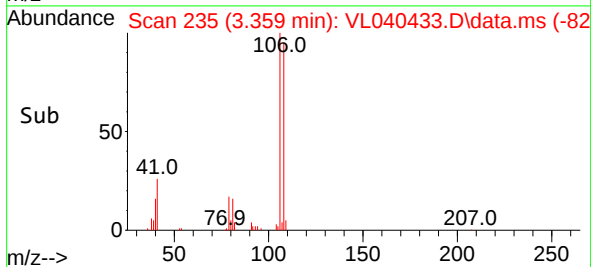
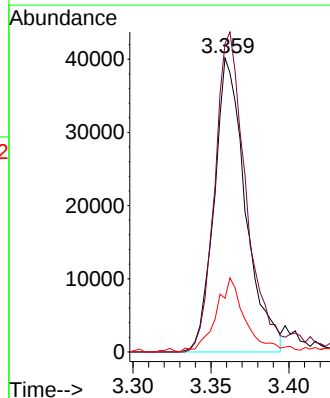
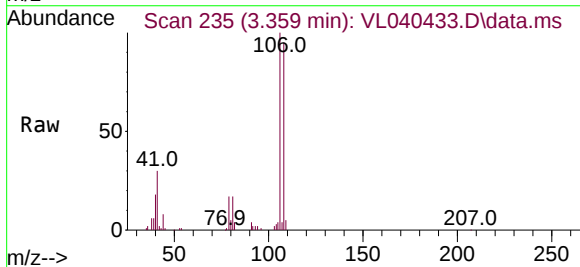
Tgt Ion: 108 Resp: 56174

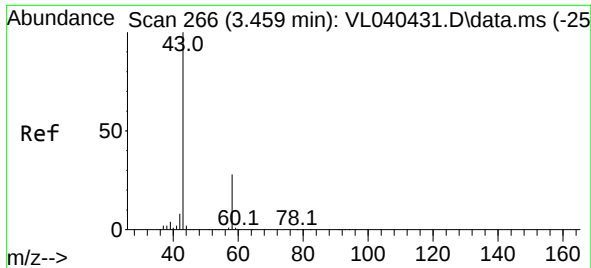
Ion Ratio Lower Upper

108 100

106 115.1 89.5 134.3

79 26.2 16.1 24.1#





#15

Acetone

Concen: 1.006 ppbv

RT: 3.472 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

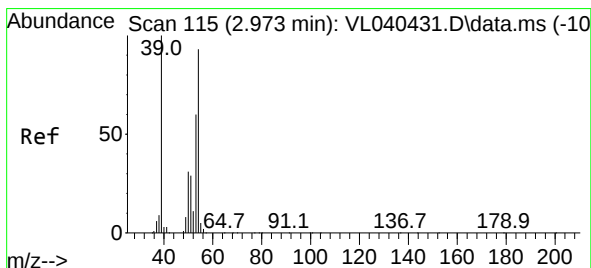
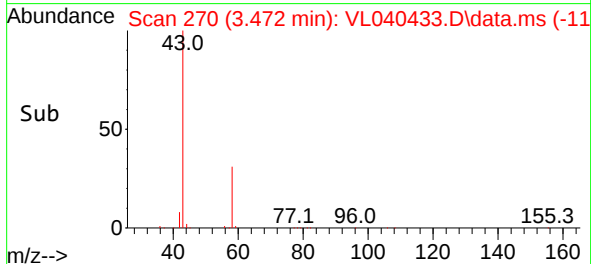
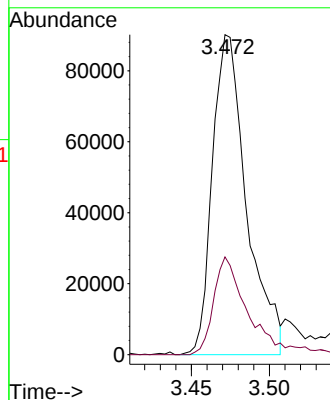
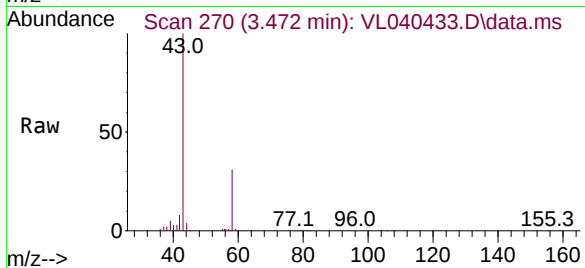
VSTDICC001

Tgt Ion: 43 Resp: 137626

Ion Ratio Lower Upper

43 100

58 31.8 22.2 33.4



#16

1,3-Butadiene

Concen: 0.963 ppbv

RT: 2.980 min Scan# 117

Delta R.T. -0.006 min

Lab File: VL040433.D

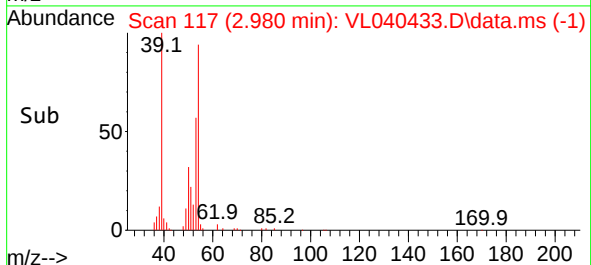
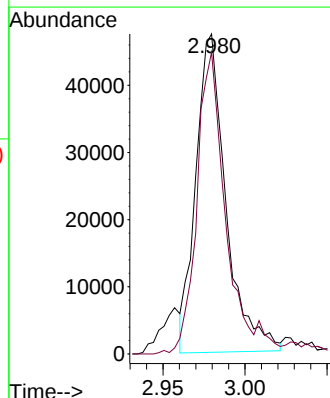
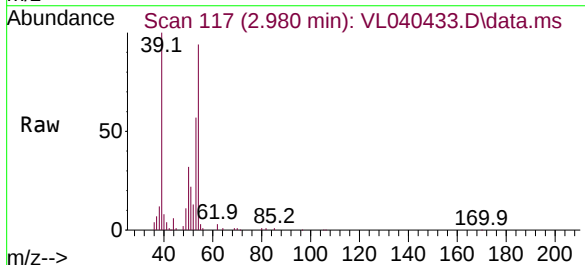
Acq: 16 May 2023 10:54

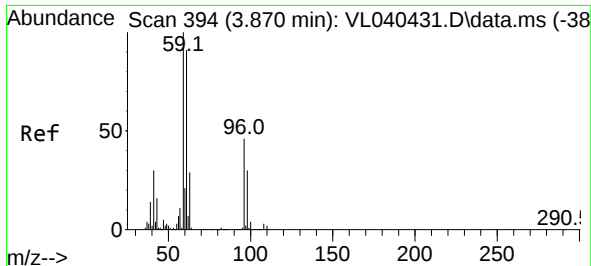
Tgt Ion: 39 Resp: 60518

Ion Ratio Lower Upper

39 100

54 95.2 68.9 103.3





#17

tert-Butyl alcohol

Concen: 1.040 ppbv

RT: 3.883 min Scan# 394

Delta R.T. 0.003 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

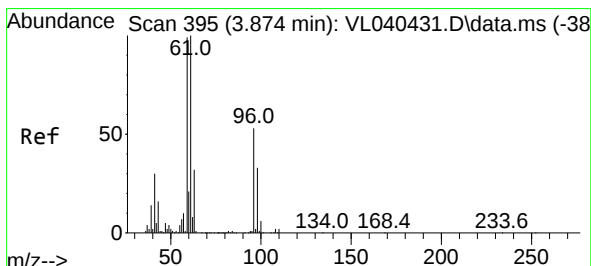
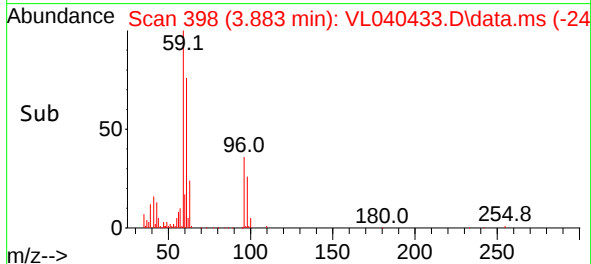
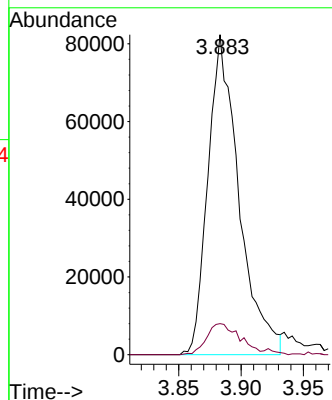
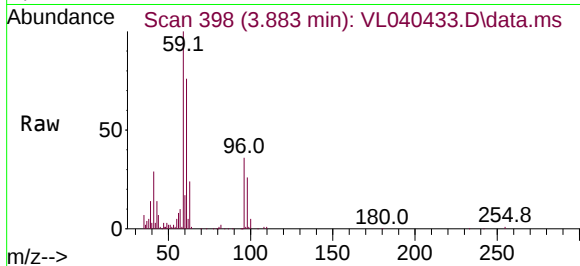
VSTDIC001

Tgt Ion: 59 Resp: 142592

Ion Ratio Lower Upper

59 100

57 11.1 8.6 12.8



#18

1,1-Dichloroethene

Concen: 1.013 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.010 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

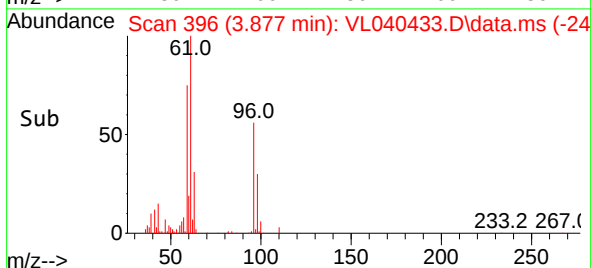
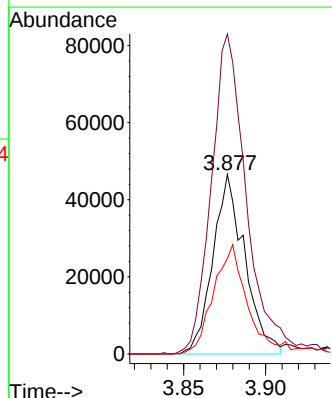
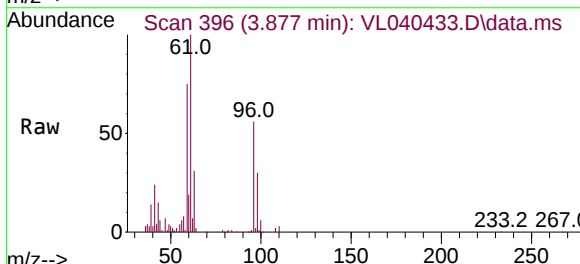
Tgt Ion: 96 Resp: 62843

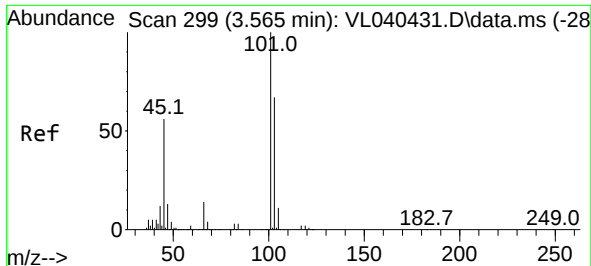
Ion Ratio Lower Upper

96 100

61 176.7 151.8 227.8

98 52.8 50.5 75.7

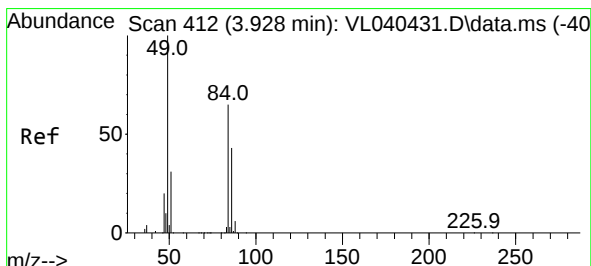
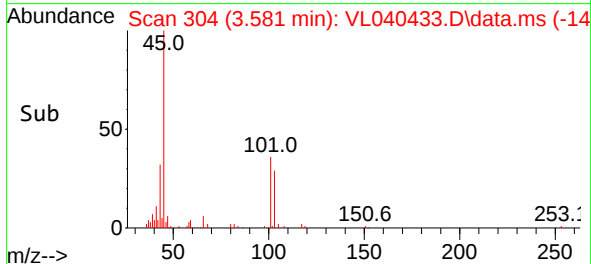
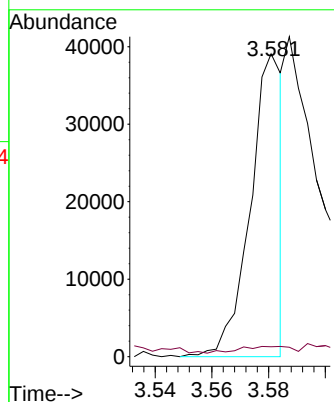
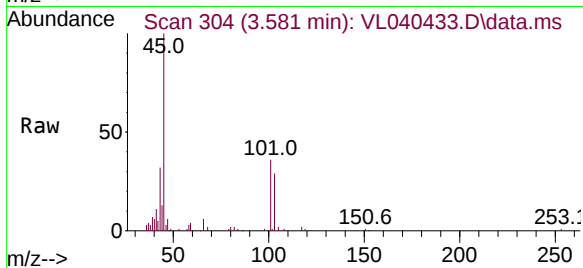




#19
Isopropyl Alcohol
Concen: 0.457 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.003 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

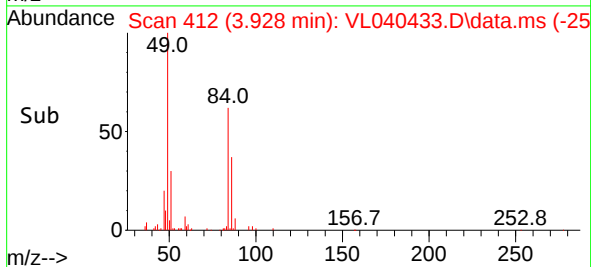
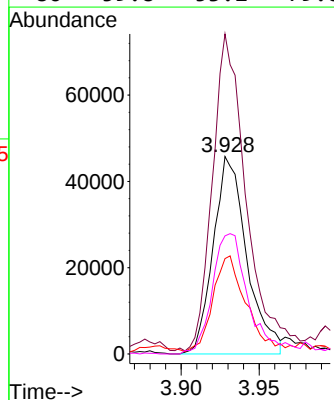
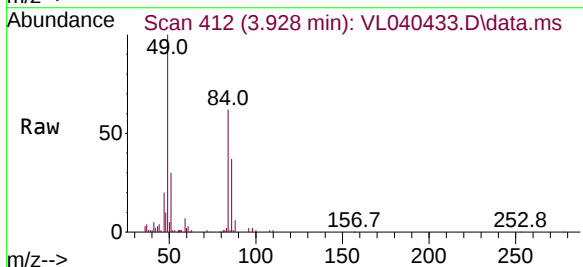
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

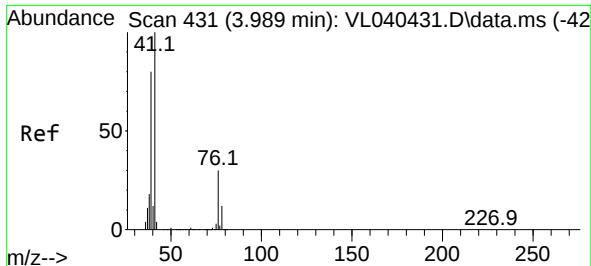
Tgt Ion: 45 Resp: 30480
Ion Ratio Lower Upper
45 100
58 7.2 2.1 3.1#



#20
Methylene Chloride
Concen: 1.121 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.010 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion: 84 Resp: 68327
Ion Ratio Lower Upper
84 100
49 159.0 123.7 185.5
51 46.2 38.6 57.8
86 59.8 53.2 79.8





#21

Allyl Chloride

Concen: 0.979 ppbv

RT: 3.996 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

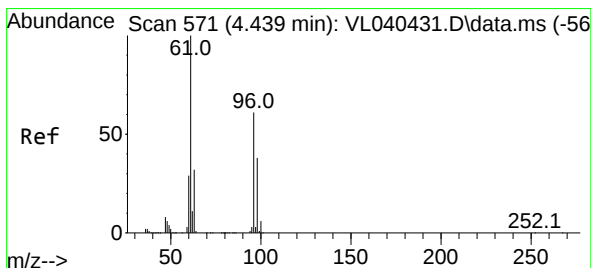
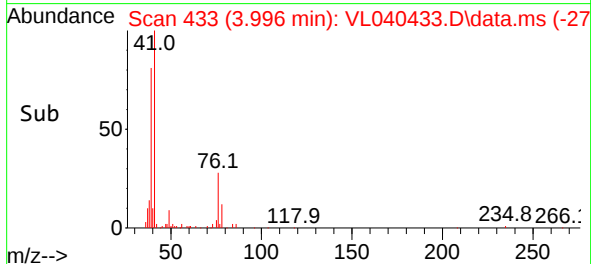
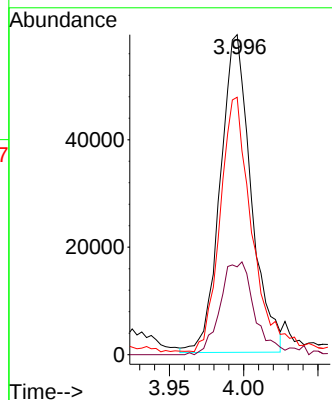
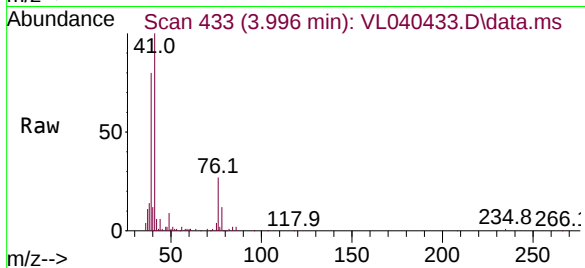
Tgt Ion: 41 Resp: 85645

Ion Ratio Lower Upper

41 100

76 33.4 25.3 37.9

39 85.6 63.5 95.3



#22

trans-1,2-Dichloroethene

Concen: 0.974 ppbv

RT: 4.446 min Scan# 573

Delta R.T. -0.010 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

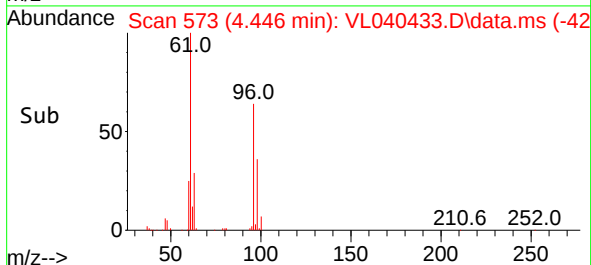
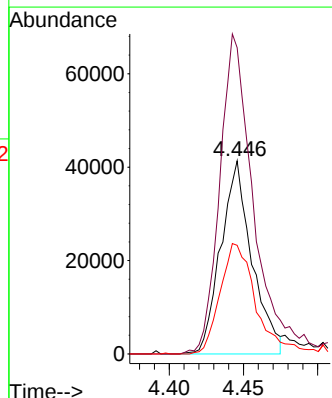
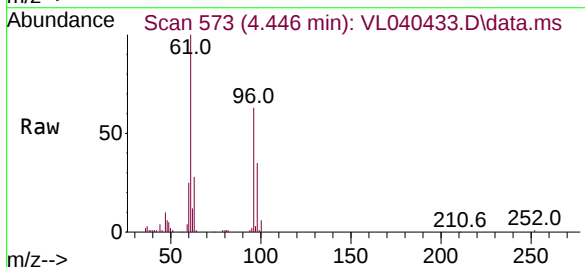
Tgt Ion: 96 Resp: 60316

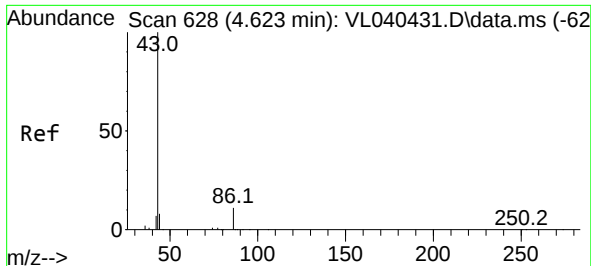
Ion Ratio Lower Upper

96 100

61 158.5 131.8 197.6

98 56.2 50.1 75.1

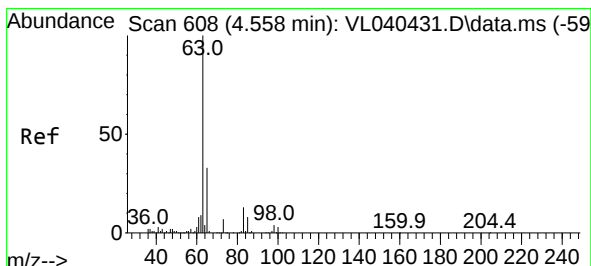
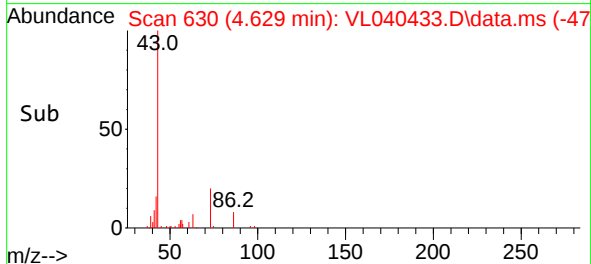
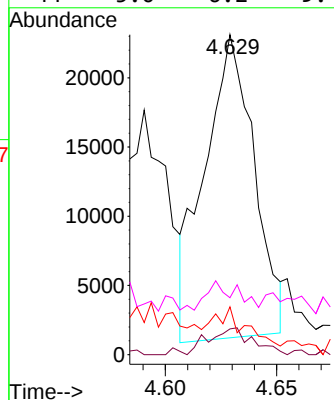
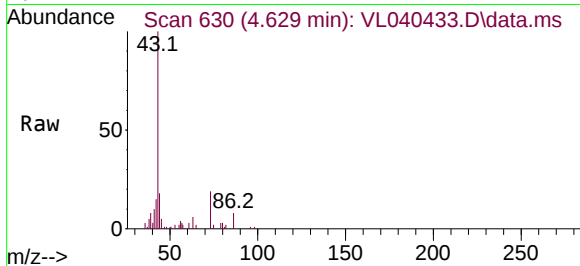




#23
 Vinyl Acetate
 Concen: 0.898 ppbv
 RT: 4.629 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL040433.D
 Acq: 16 May 2023 10:54

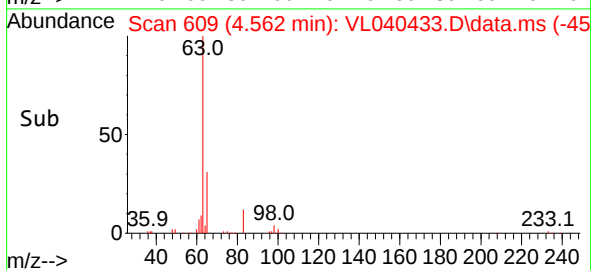
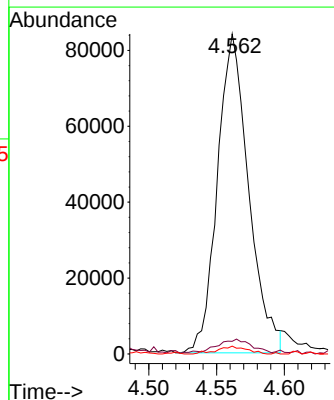
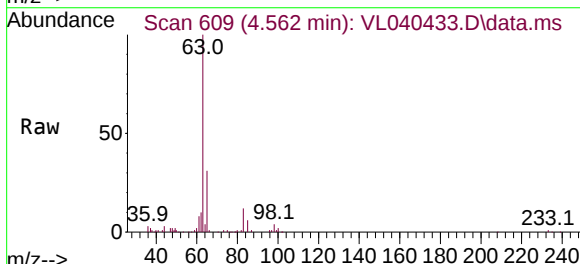
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

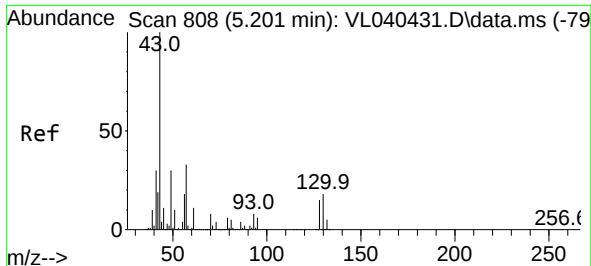
Tgt Ion:	43	Resp:	33967
Ion	Ratio	Lower	Upper
43	100		
86	9.0	5.4	8.2#
42	15.9	7.8	11.6#
44	5.0	6.2	9.4#



#24
 1,1-Dichloroethane
 Concen: 1.042 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.010 min
 Lab File: VL040433.D
 Acq: 16 May 2023 10:54

Tgt Ion:	63	Resp:	134842
Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.0	5.8
100	2.5	1.4	4.2





#25

Ethyl Acetate

Concen: 1.003 ppbv

RT: 5.211 min Scan# 811

Delta R.T. -0.003 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 258588

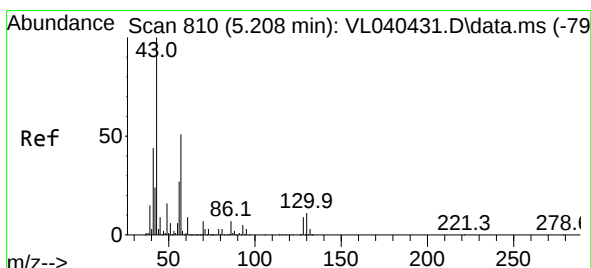
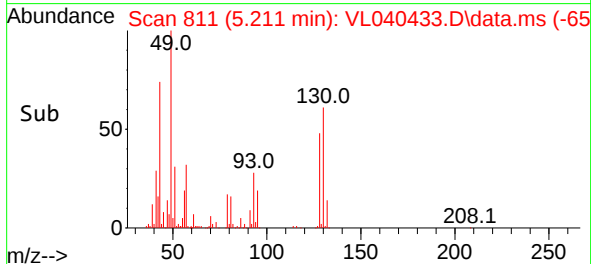
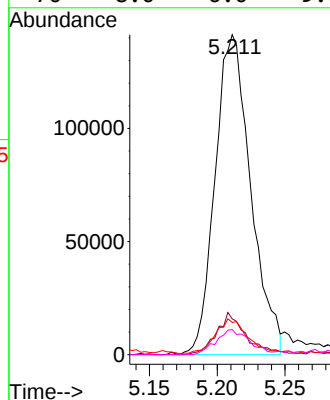
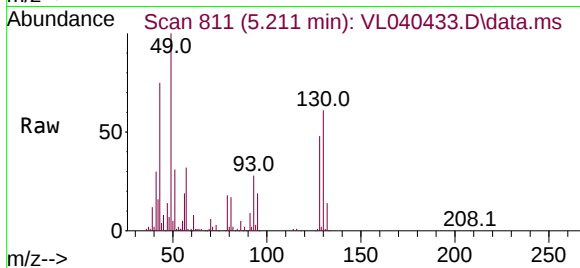
Ion Ratio Lower Upper

43 100

45 11.0 8.6 13.0

61 11.8 8.6 12.8

70 8.0 6.0 9.0



#26

Hexane

Concen: 1.015 ppbv

RT: 5.214 min Scan# 812

Delta R.T. -0.010 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Tgt Ion: 57 Resp: 108443

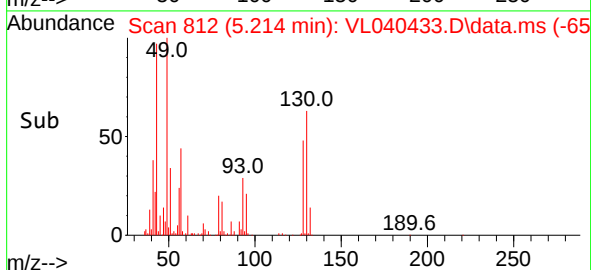
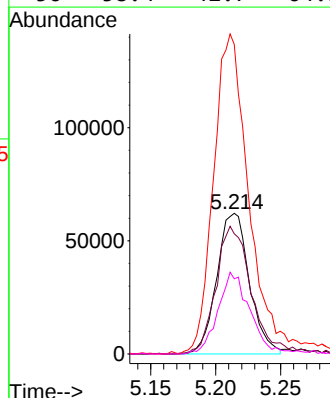
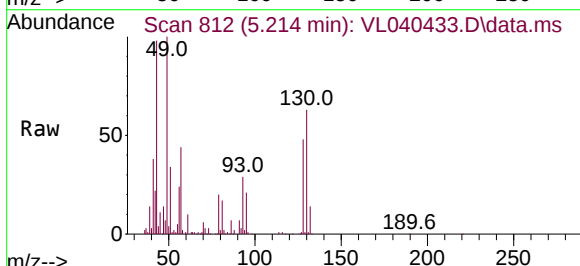
Ion Ratio Lower Upper

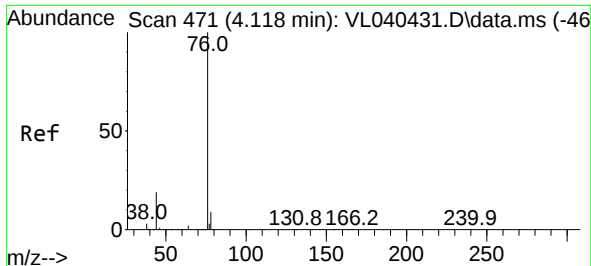
57 100

41 98.9 75.1 112.7

43 258.0 194.4 291.6

56 58.4 42.7 64.1





#27

Carbon Disulfide

Concen: 0.933 ppbv

RT: 4.121 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

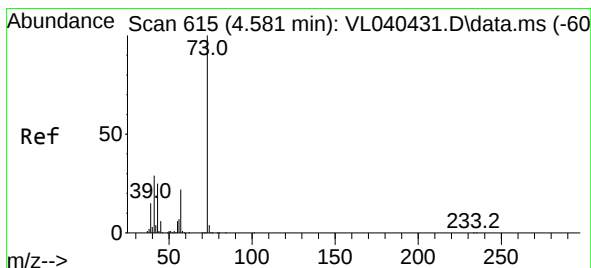
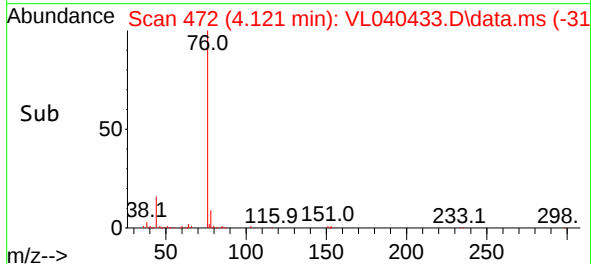
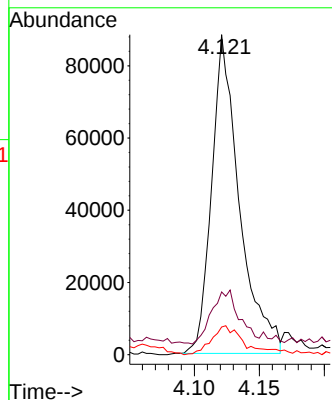
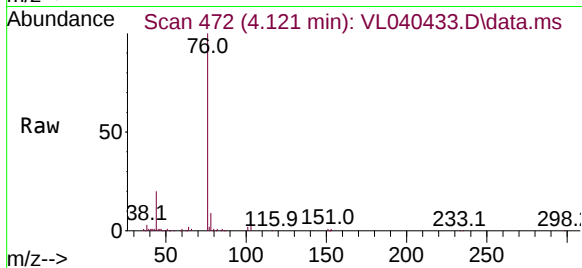
Tgt Ion: 76 Resp: 130936

Ion Ratio Lower Upper

76 100

44 23.1 15.3 22.9#

78 11.4 7.4 11.2#



#28

Methyl tert-Butyl Ether

Concen: 1.026 ppbv

RT: 4.594 min Scan# 619

Delta R.T. 0.000 min

Lab File: VL040433.D

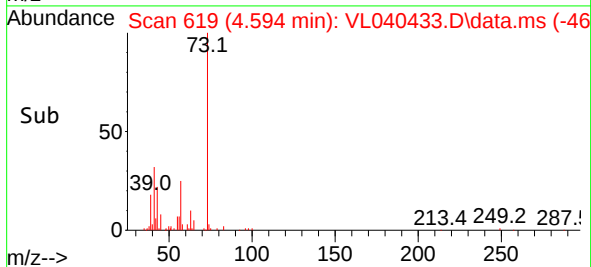
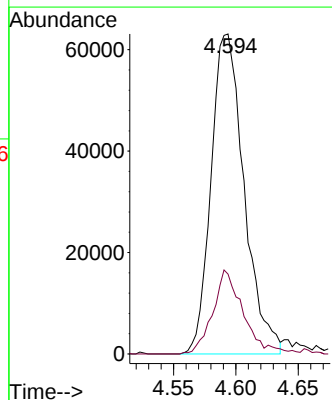
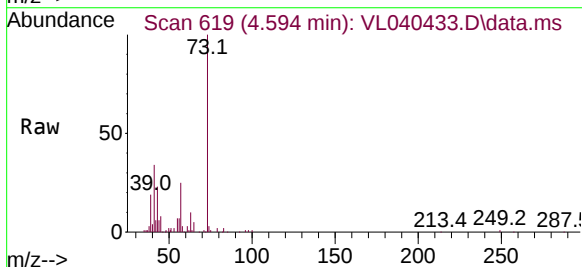
Acq: 16 May 2023 10:54

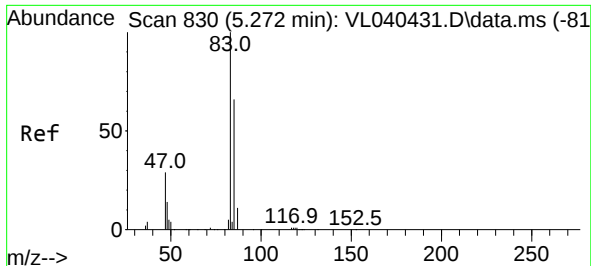
Tgt Ion: 73 Resp: 116450

Ion Ratio Lower Upper

73 100

57 24.7 18.9 28.3

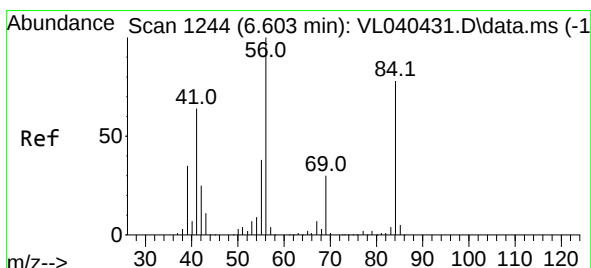
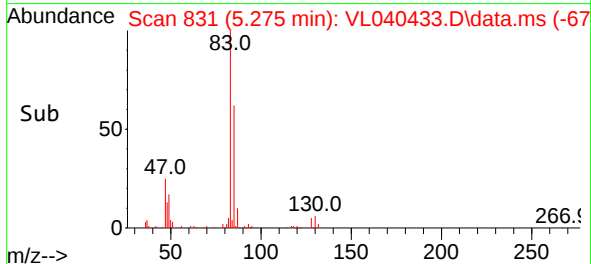
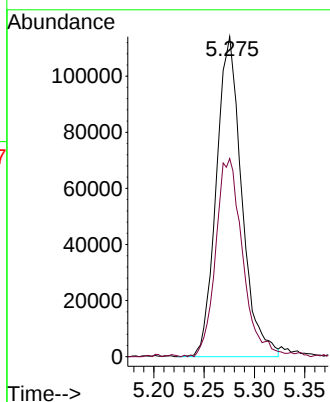
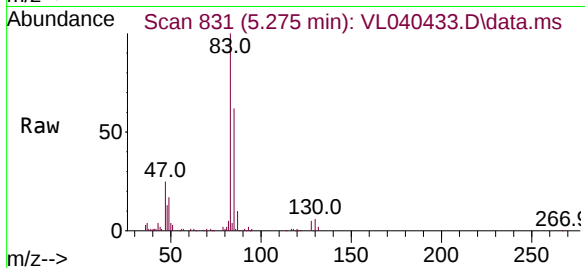




#29
Chloroform
Concen: 1.031 ppbv
RT: 5.275 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

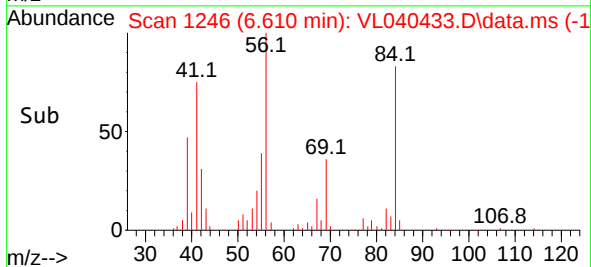
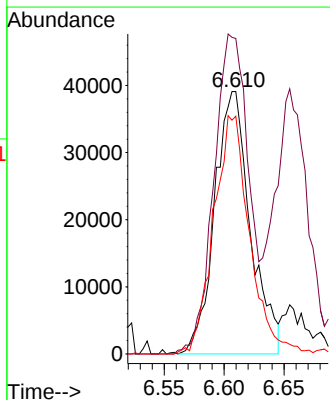
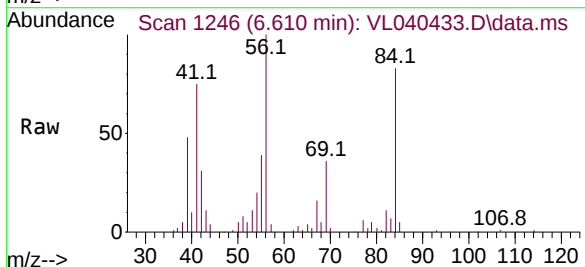
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

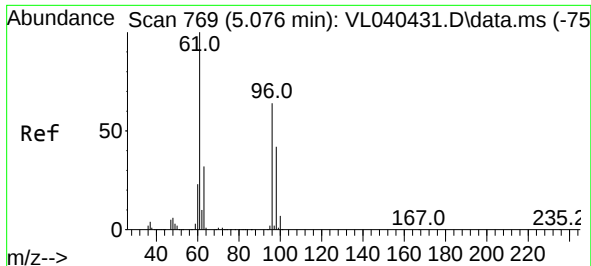
Tgt Ion: 83 Resp: 200898
Ion Ratio Lower Upper
83 100
85 61.6 52.4 78.6



#30
Cyclohexane
Concen: 0.933 ppbv
RT: 6.610 min Scan# 1246
Delta R.T. -0.006 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion: 84 Resp: 81113
Ion Ratio Lower Upper
84 100
56 120.3 108.2 162.4
41 92.1 66.9 100.3





#31

cis-1,2-Dichloroethene

Concen: 0.999 ppbv

RT: 5.079 min Scan# 71

Delta R.T. -0.010 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

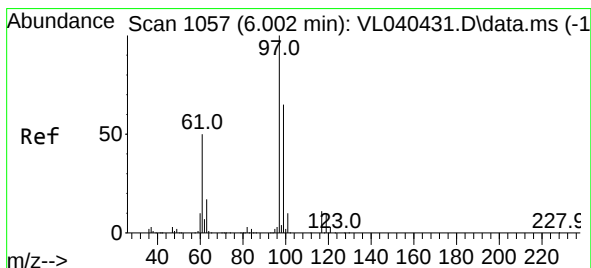
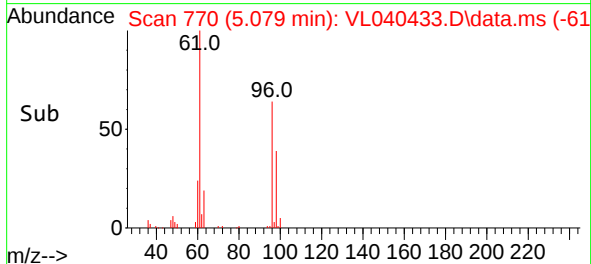
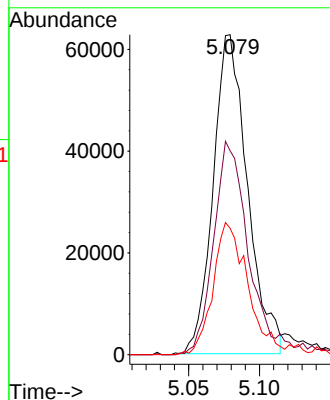
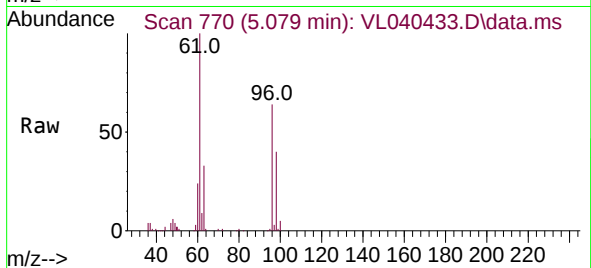
Tgt Ion: 61 Resp: 105646

Ion Ratio Lower Upper

61 100

96 63.3 51.4 77.0

98 39.3 33.6 50.4



#32

1,1,1-Trichloroethane

Concen: 0.961 ppbv

RT: 6.005 min Scan# 1058

Delta R.T. -0.010 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

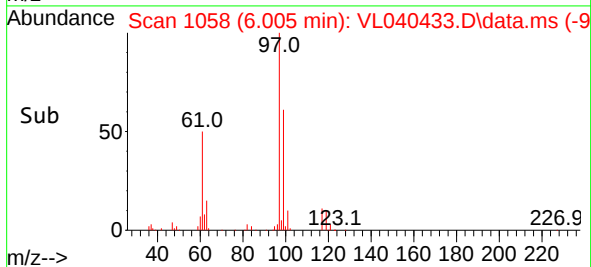
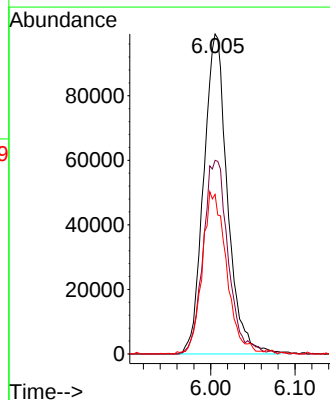
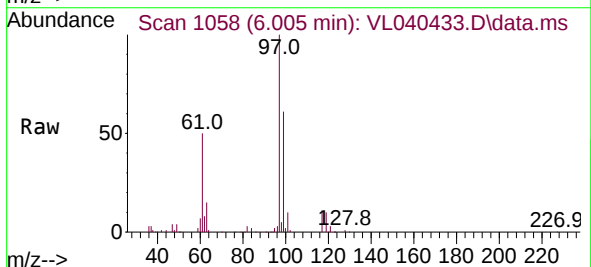
Tgt Ion: 97 Resp: 194555

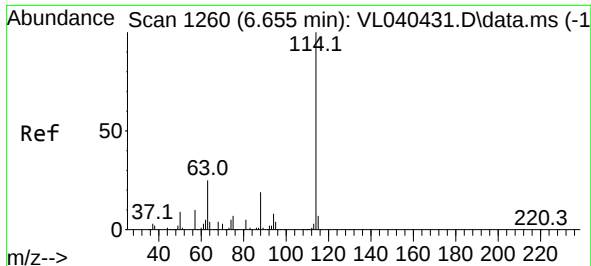
Ion Ratio Lower Upper

97 100

99 64.2 52.2 78.2

61 52.6 40.2 60.4

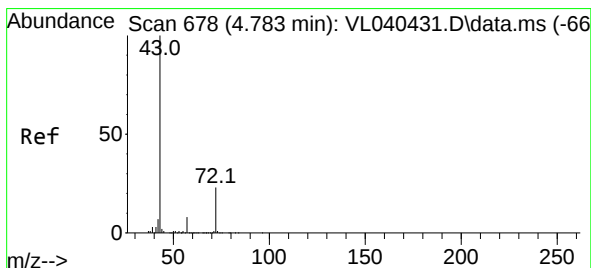
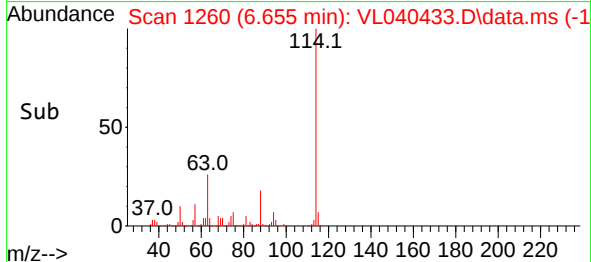
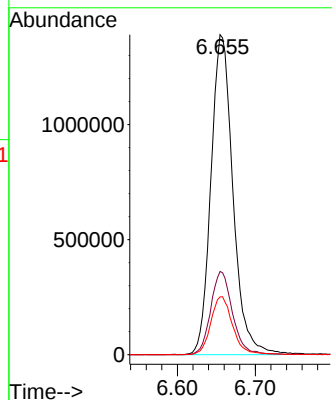
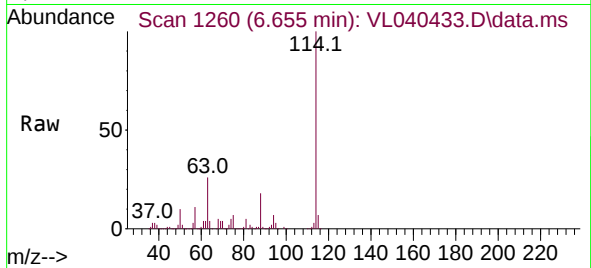




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

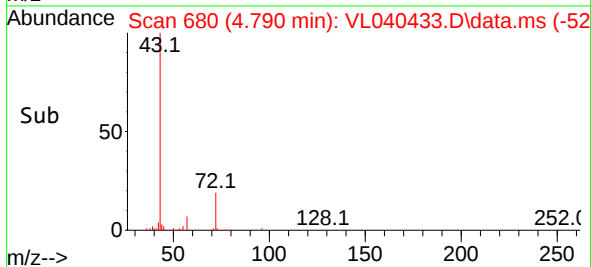
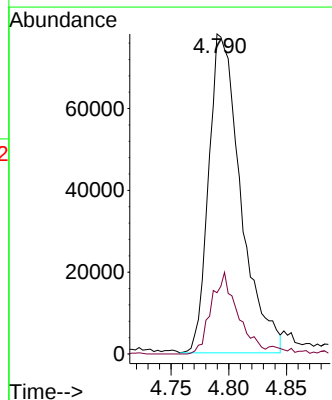
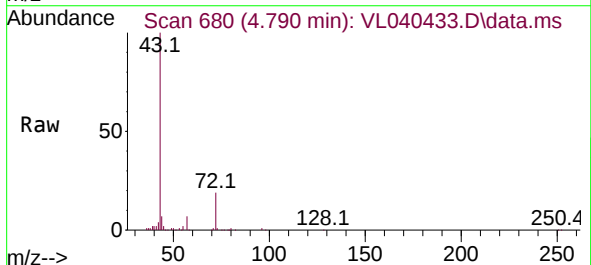
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

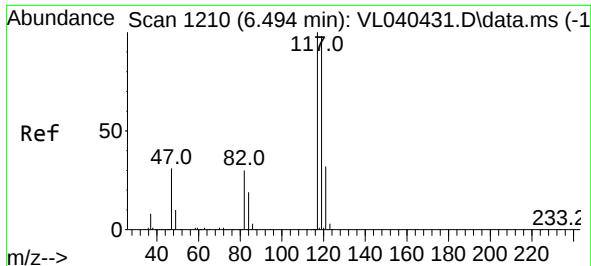
Tgt Ion:114 Resp: 2730067
Ion Ratio Lower Upper
114 100
63 26.1 21.0 31.6
88 18.1 14.6 22.0



#34
2-Butanone
Concen: 1.036 ppbv
RT: 4.790 min Scan# 680
Delta R.T. -0.006 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion: 43 Resp: 150633
Ion Ratio Lower Upper
43 100
72 23.1 18.3 27.5

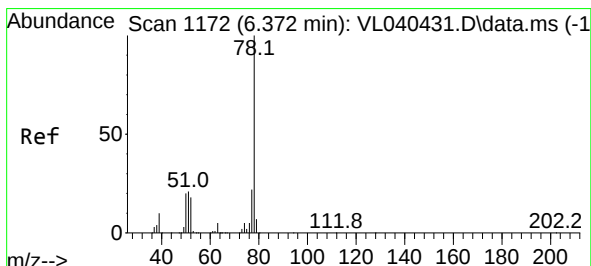
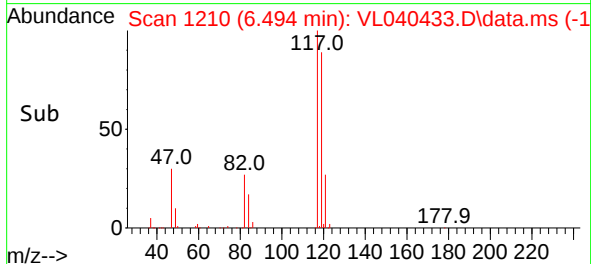
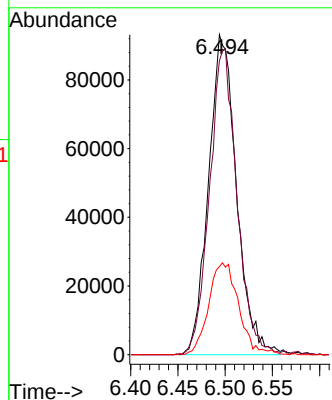
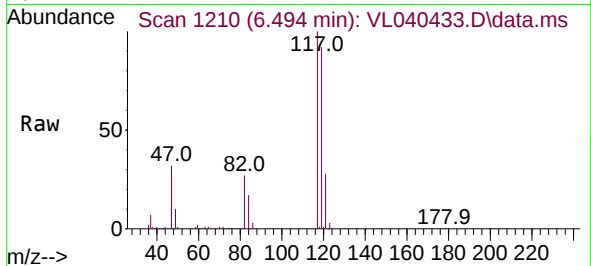




#35
Carbon Tetrachloride
Concen: 0.977 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

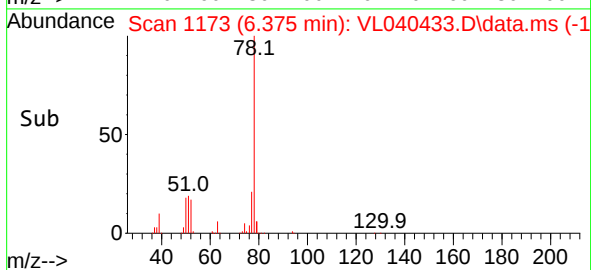
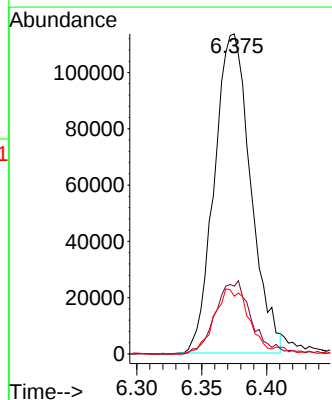
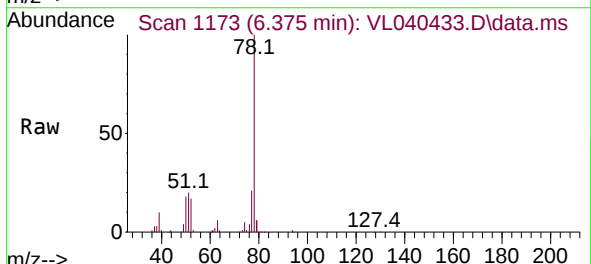
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

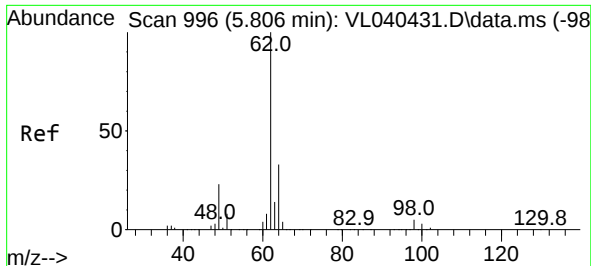
Tgt Ion:117 Resp: 191462
Ion Ratio Lower Upper
117 100
119 91.8 78.0 117.0
121 27.3 25.2 37.8



#36
Benzene
Concen: 0.994 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.010 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion: 78 Resp: 220451
Ion Ratio Lower Upper
78 100
77 21.0 17.7 26.5
50 18.1 15.8 23.8

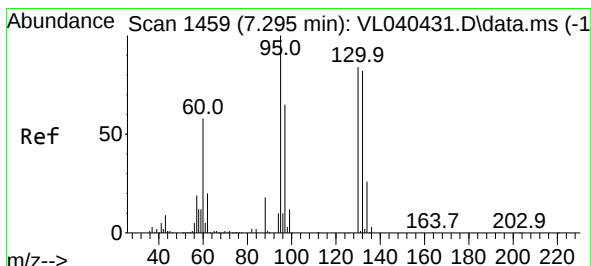
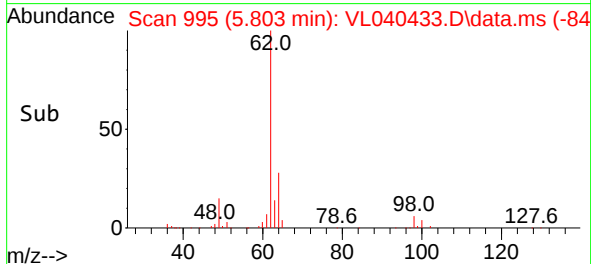
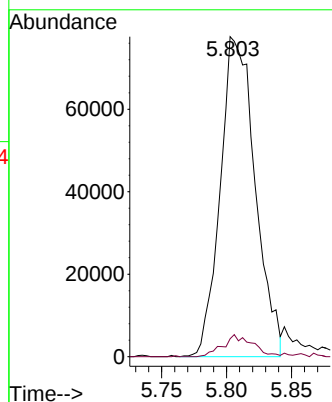
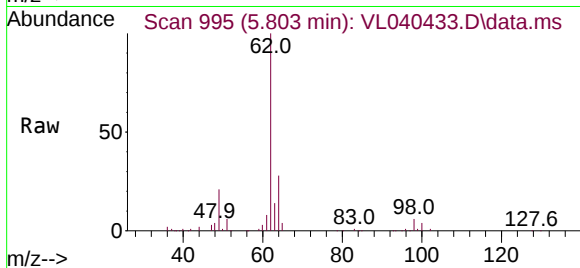




#37
1,2-Dichloroethane
Concen: 1.000 ppbv
RT: 5.803 min Scan# 995
Delta R.T. -0.016 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

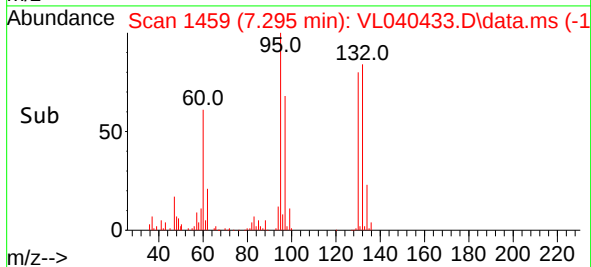
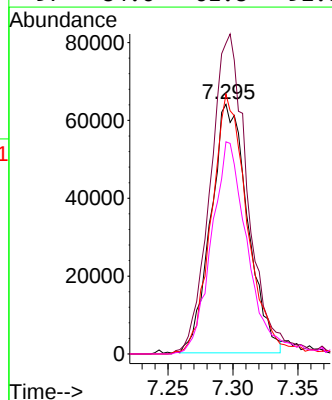
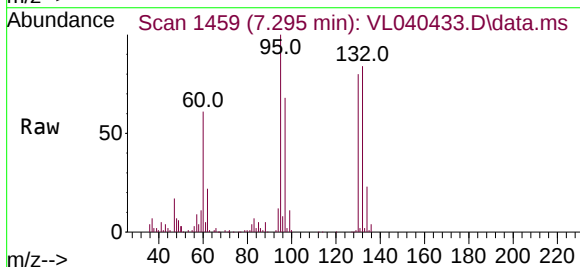
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

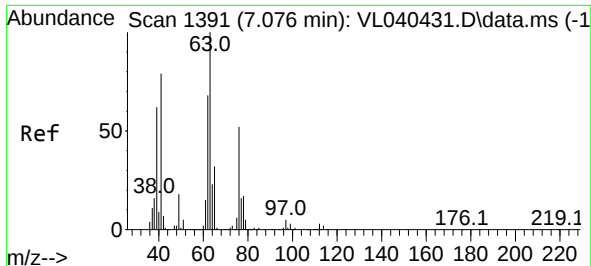
Tgt Ion: 62 Resp: 144867
Ion Ratio Lower Upper
62 100
98 6.1 4.5 6.7



#38
Trichloroethene
Concen: 0.923 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.016 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion:130 Resp: 126022
Ion Ratio Lower Upper
130 100
95 123.3 94.8 142.2
132 103.6 78.2 117.4
97 84.6 61.8 92.8





#39

1,2-Dichloropropane

Concen: 1.010 ppbv

RT: 7.076 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

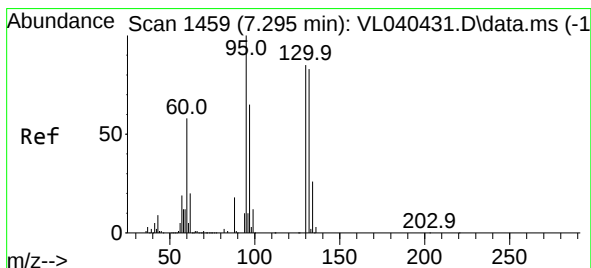
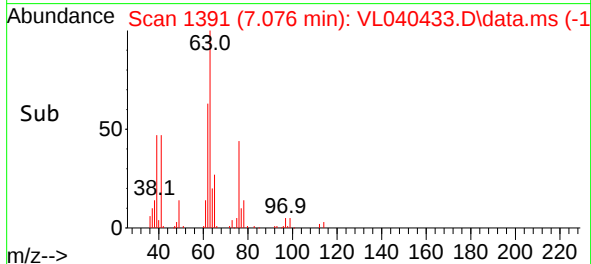
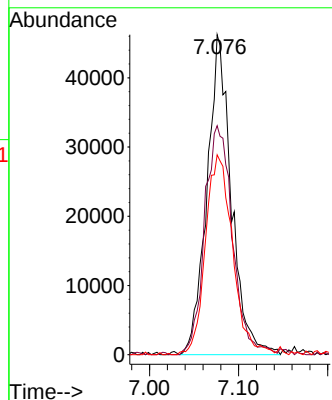
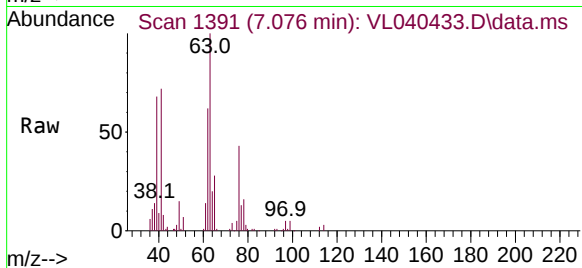
Tgt Ion: 63 Resp: 87733

Ion Ratio Lower Upper

63 100

41 71.6 63.3 94.9

62 61.7 54.2 81.4



#40

1,4-Dioxane

Concen: 0.005 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. -0.035 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Tgt Ion: 88 Resp: 164

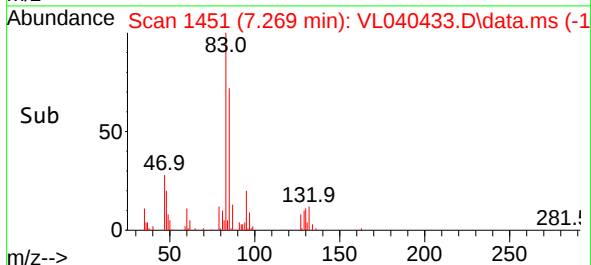
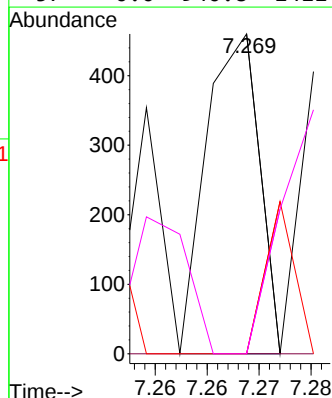
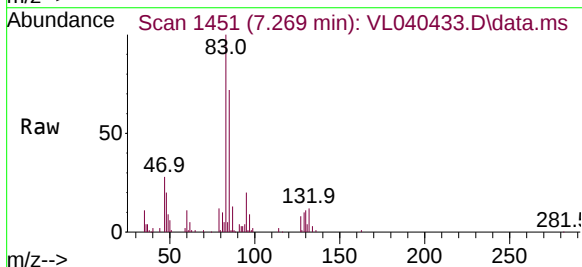
Ion Ratio Lower Upper

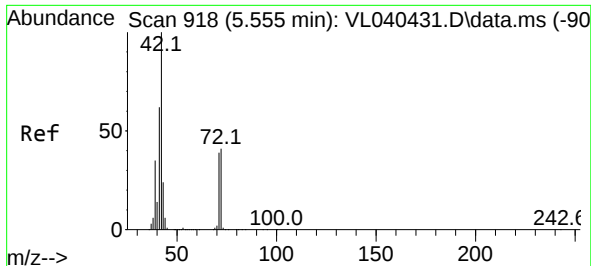
88 100

58 0.0 101.5 152.3#

43 0.0 211.7 317.5#

57 0.0 940.8 1411.2#





#41

Tetrahydrofuran

Concen: 0.373 ppbv

RT: 5.571 min Scan# 918

Delta R.T. 0.003 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

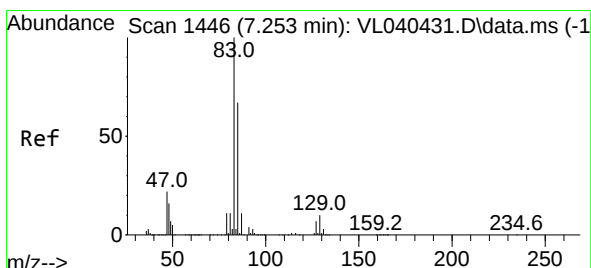
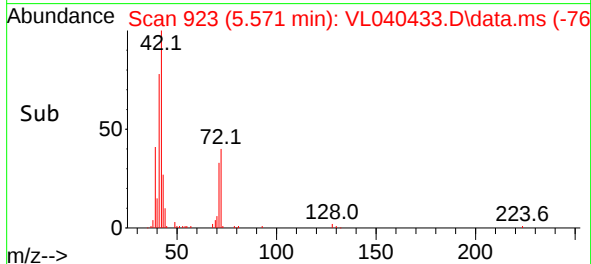
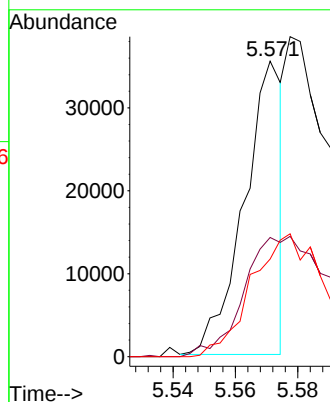
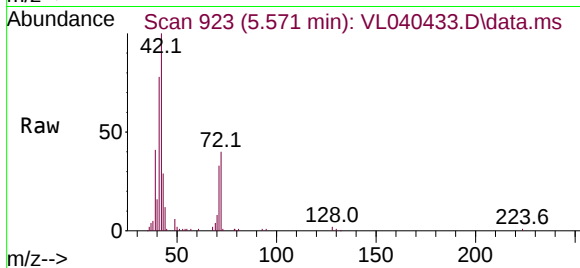
Tgt Ion: 42 Resp: 30102

Ion Ratio Lower Upper

42 100

72 0.0 33.0 49.4#

71 0.0 32.2 48.2#



#42

Bromodichloromethane

Concen: 0.987 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. -0.013 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

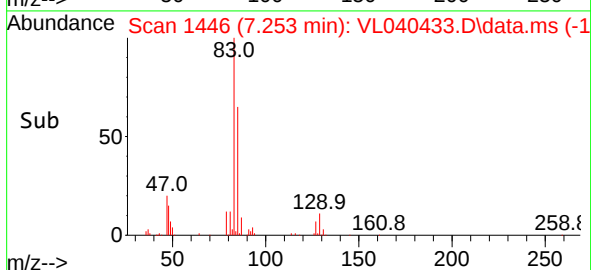
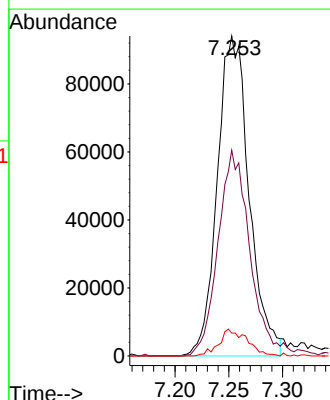
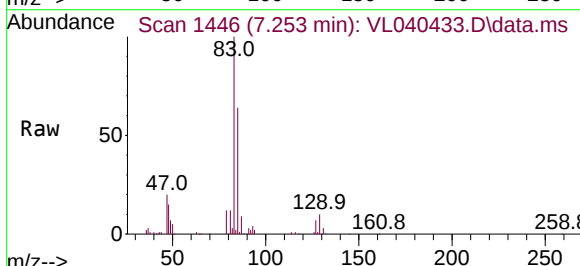
Tgt Ion: 83 Resp: 193487

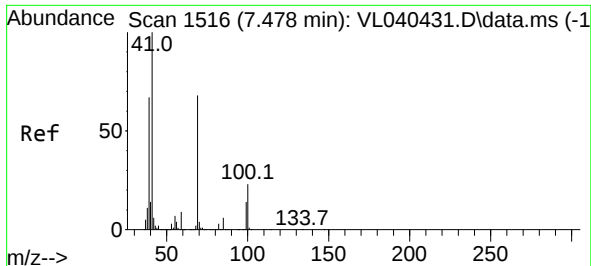
Ion Ratio Lower Upper

83 100

85 64.3 53.6 80.4

127 7.2 5.9 8.9

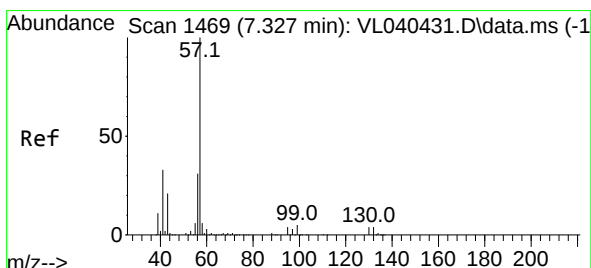
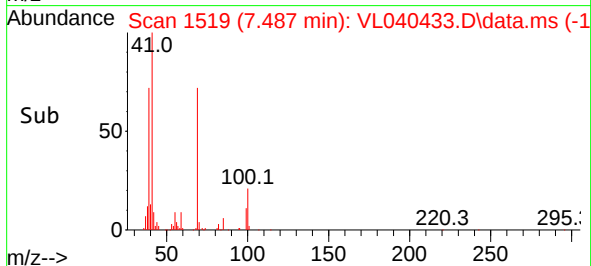
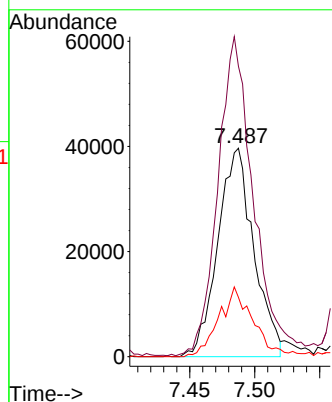
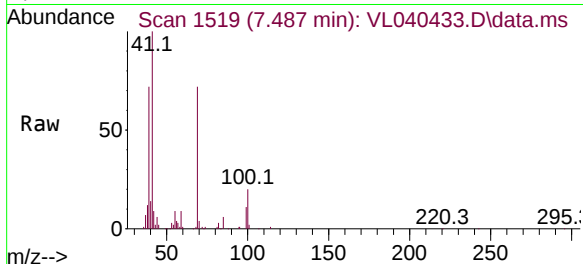




#43
Methyl Methacrylate
Concen: 0.932 ppbv
RT: 7.487 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

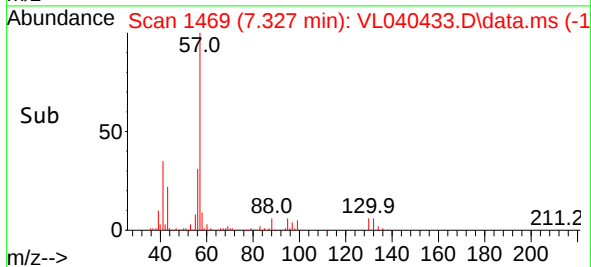
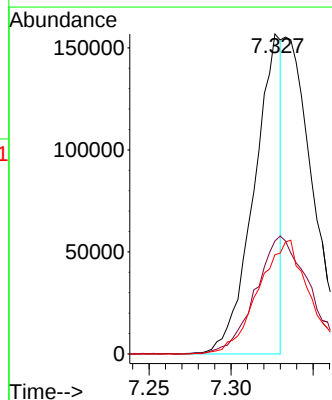
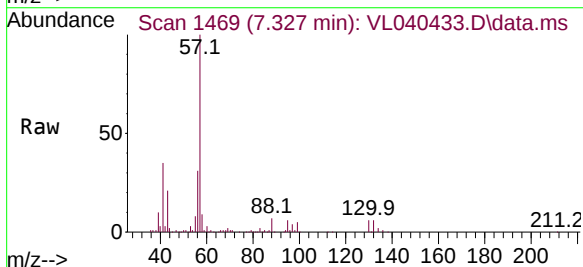
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

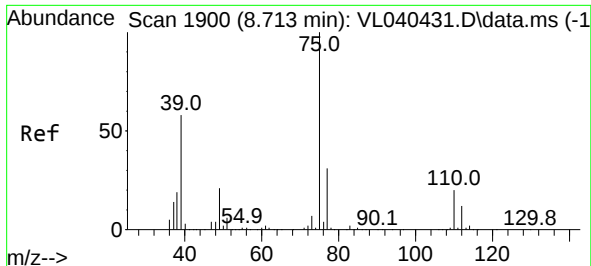
Tgt Ion: 69 Resp: 76418
Ion Ratio Lower Upper
69 100
41 153.3 114.8 172.2
100 31.7 25.4 38.0



#44
2,2,4-Trimethylpentane
Concen: 0.497 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.016 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion: 57 Resp: 182227
Ion Ratio Lower Upper
57 100
41 0.0 27.0 40.4#
56 0.0 25.0 37.4#

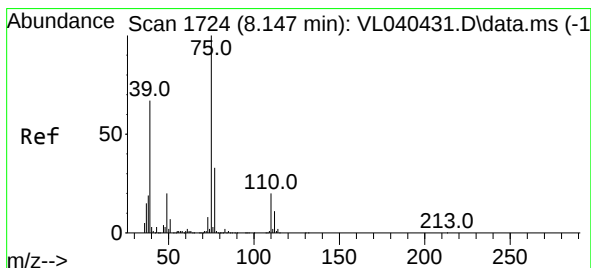
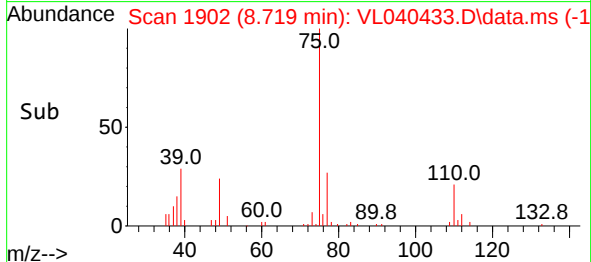
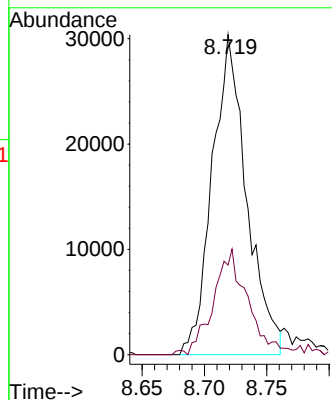
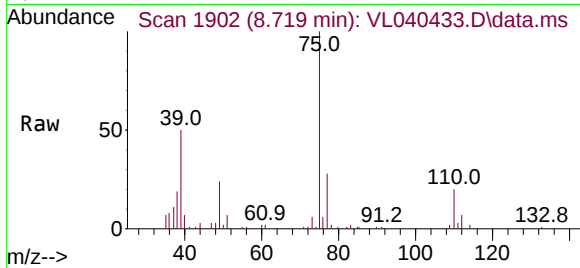




#45
 t-1,3-Dichloropropene
 Concen: 0.813 ppbv
 RT: 8.719 min Scan# 1900
 Delta R.T. -0.010 min
 Lab File: VL040433.D
 Acq: 16 May 2023 10:54

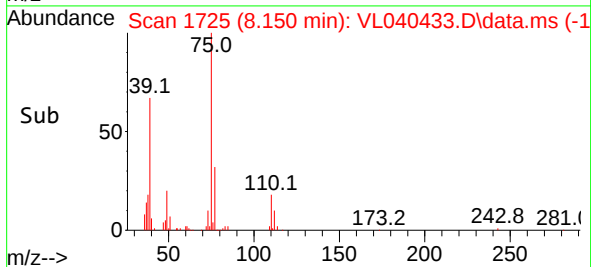
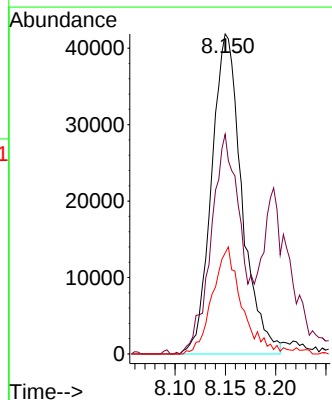
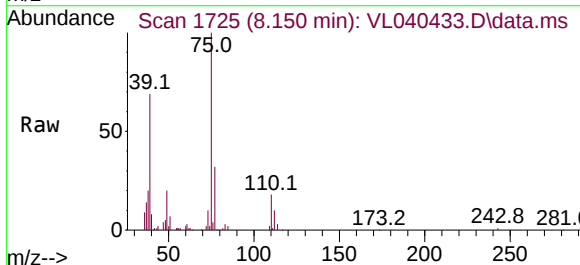
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

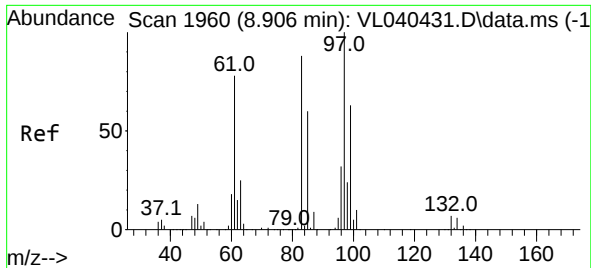
Tgt Ion: 75 Resp: 58440
 Ion Ratio Lower Upper
 75 100
 77 28.0 25.0 37.6



#46
 cis-1,3-Dichloropropene
 Concen: 0.864 ppbv
 RT: 8.150 min Scan# 1725
 Delta R.T. -0.013 min
 Lab File: VL040433.D
 Acq: 16 May 2023 10:54

Tgt Ion: 75 Resp: 87739
 Ion Ratio Lower Upper
 75 100
 39 68.7 53.8 80.8
 77 31.5 26.3 39.5



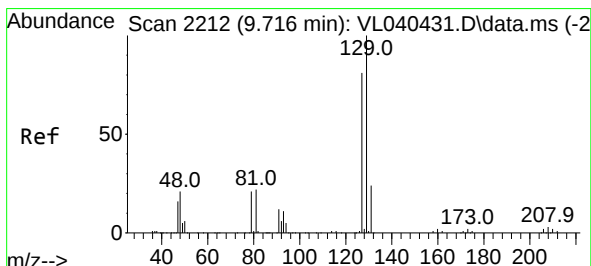
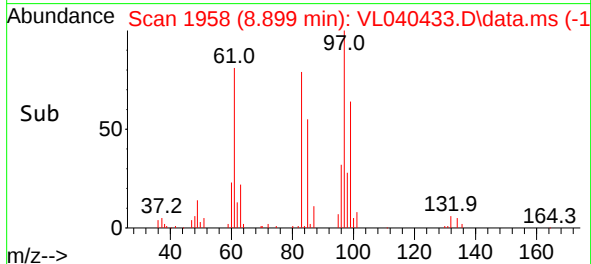
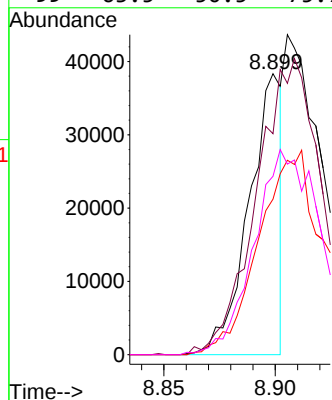
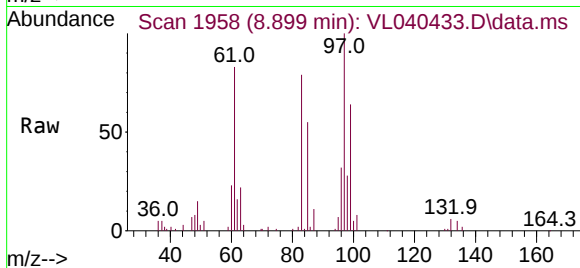


#47
1,1,2-Trichloroethane
Concen: 0.413 ppbv
RT: 8.899 min Scan# 1958
Delta R.T. -0.022 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Instrument : MSVOA_L
ClientSampleId : VSTDIC001

Tgt Ion: 97 Resp: 39180

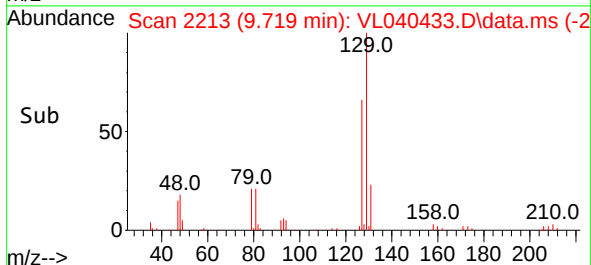
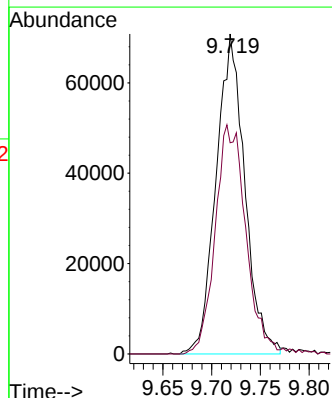
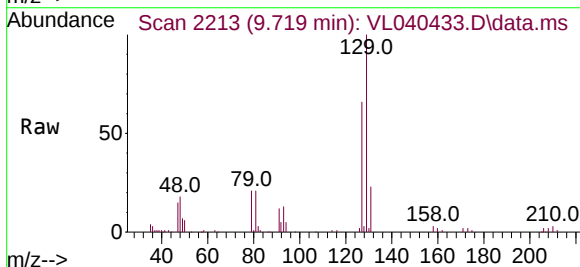
Ion	Ratio	Lower	Upper
97	100		
83	78.7	70.3	105.5
85	55.4	47.7	71.5
99	63.5	50.5	75.7

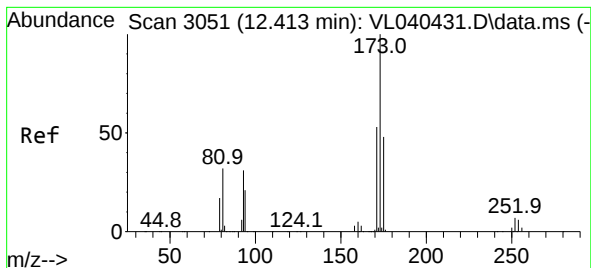


#48
Dibromochloromethane
Concen: 0.957 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. -0.013 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion: 129 Resp: 144886

Ion	Ratio	Lower	Upper
129	100		
127	76.9	39.2	117.6





#49

Bromoform

Concen: 0.910 ppbv

RT: 12.416 min Scan# 3051

Delta R.T. -0.016 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

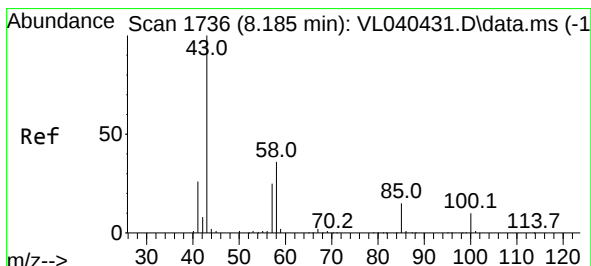
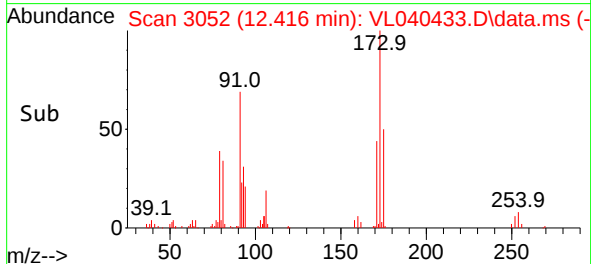
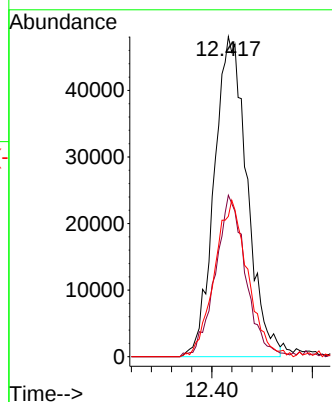
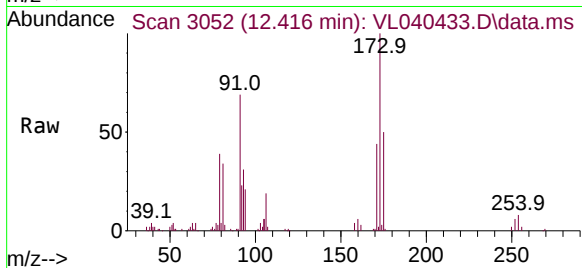
Tgt Ion:173 Resp: 108742

Ion Ratio Lower Upper

173 100

175 46.8 39.4 59.2

171 49.5 42.0 63.0



#50

4-Methyl-2-Pentanone

Concen: 0.980 ppbv

RT: 8.198 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VL040433.D

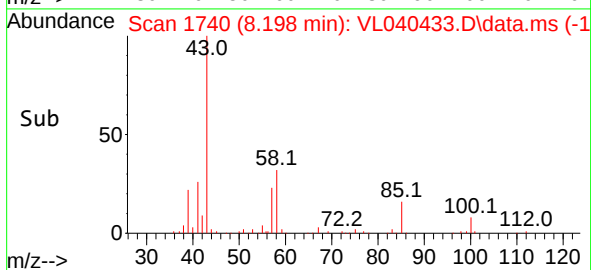
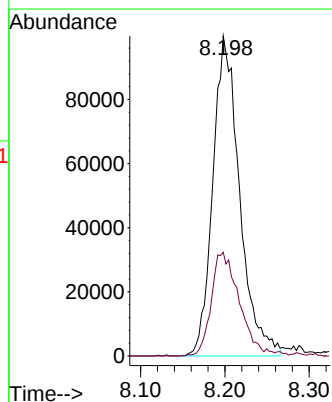
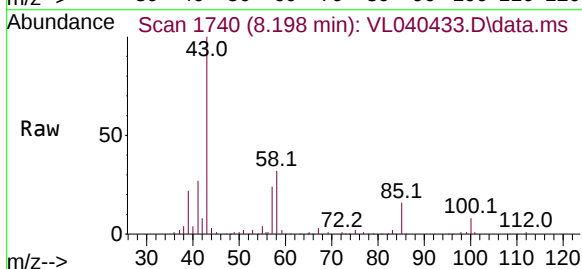
Acq: 16 May 2023 10:54

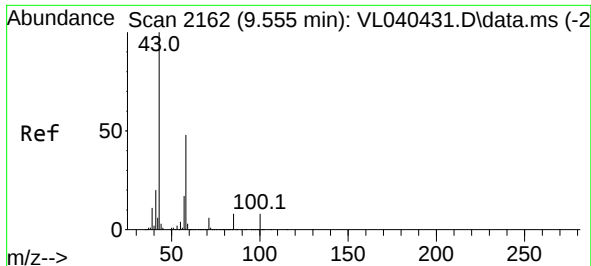
Tgt Ion: 43 Resp: 219930

Ion Ratio Lower Upper

43 100

58 34.8 28.8 43.2

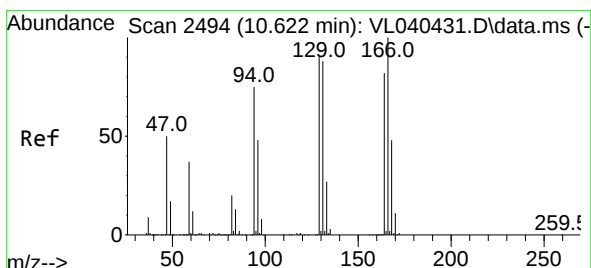
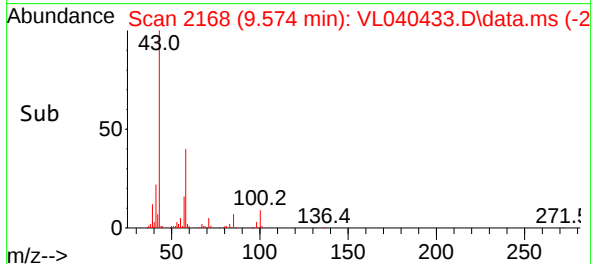
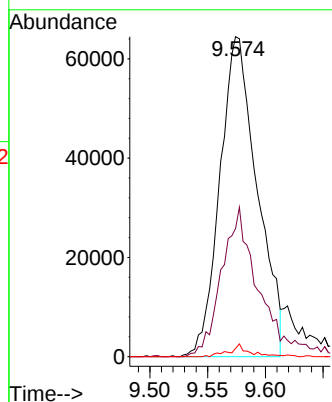
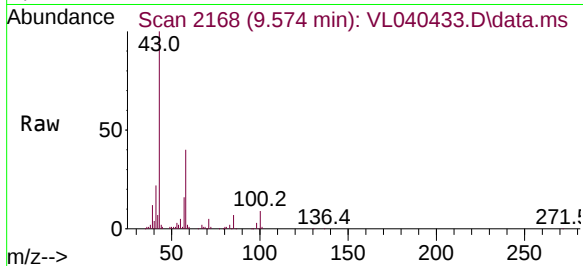




#51
2-Hexanone
Concen: 0.876 ppbv
RT: 9.574 min Scan# 2168
Delta R.T. 0.006 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

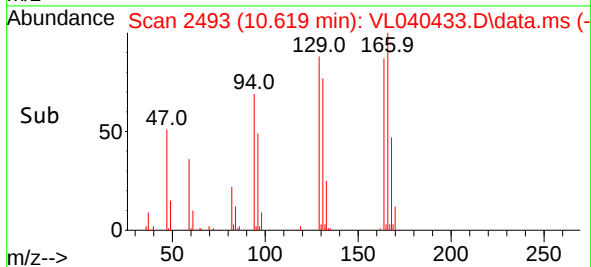
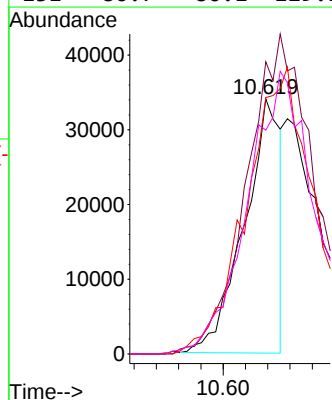
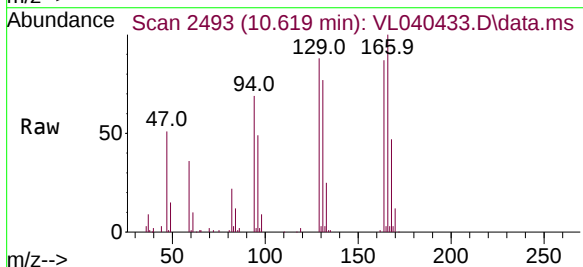
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

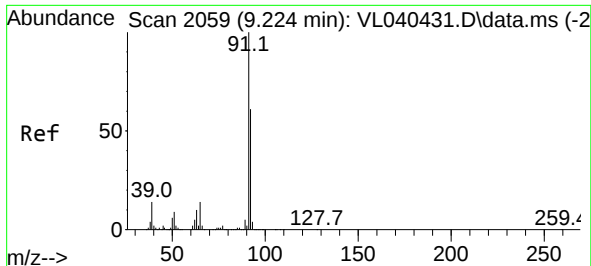
Tgt Ion: 43 Resp: 144857
Ion Ratio Lower Upper
43 100
58 47.3 38.5 57.7
98 2.2 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.508 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.019 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion: 164 Resp: 38226
Ion Ratio Lower Upper
164 100
166 113.2 97.8 146.6
129 100.0 88.4 132.6
131 86.7 86.1 129.1

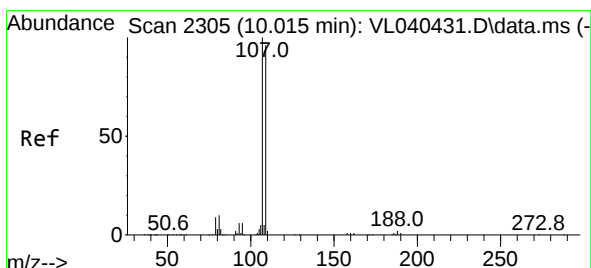
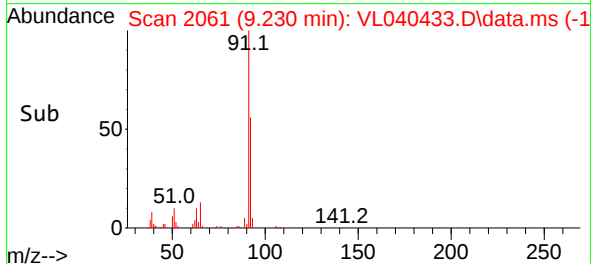
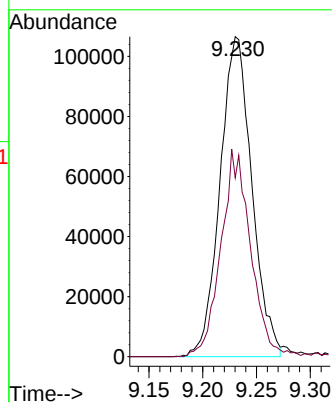
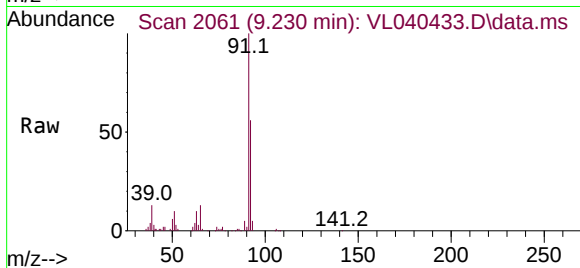




#53
Toluene
Concen: 0.936 ppbv
RT: 9.230 min Scan# 2059
Delta R.T. -0.013 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

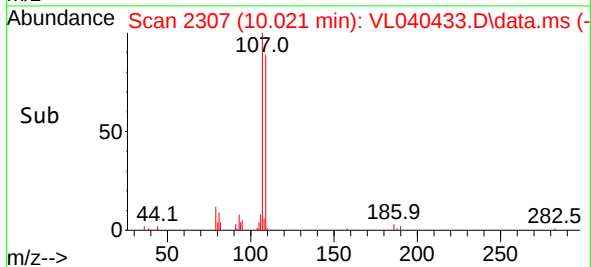
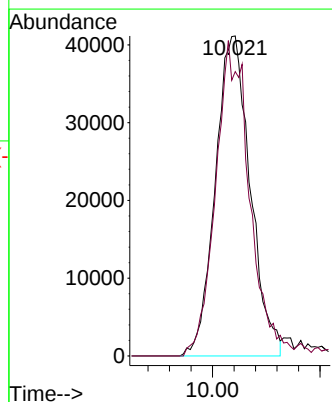
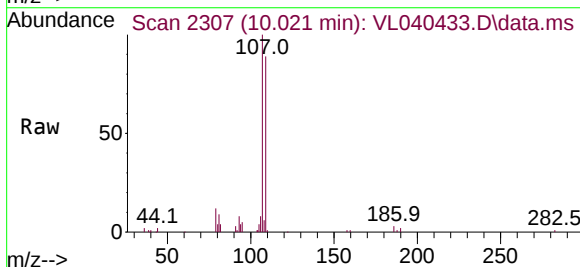
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

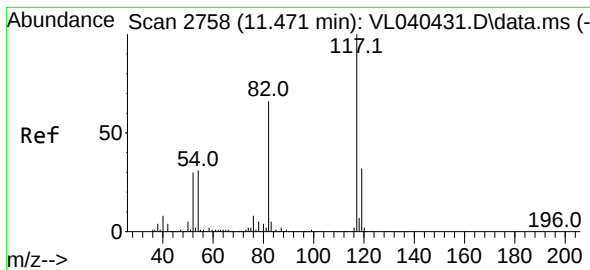
Tgt Ion: 91 Resp: 219263
Ion Ratio Lower Upper
91 100
92 61.2 49.1 73.7



#54
1,2-Dibromoethane
Concen: 0.979 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. -0.010 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion: 107 Resp: 92718
Ion Ratio Lower Upper
107 100
109 88.8 76.7 115.1

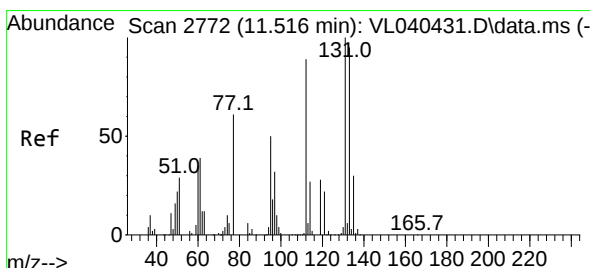
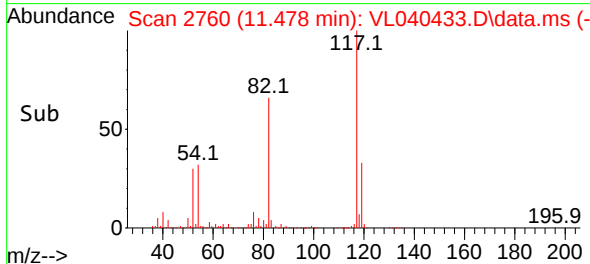
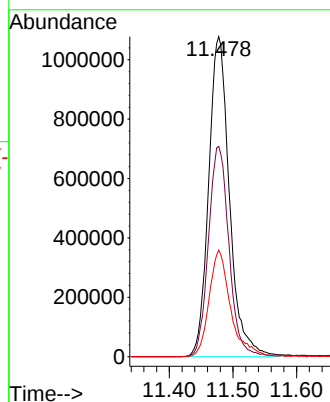
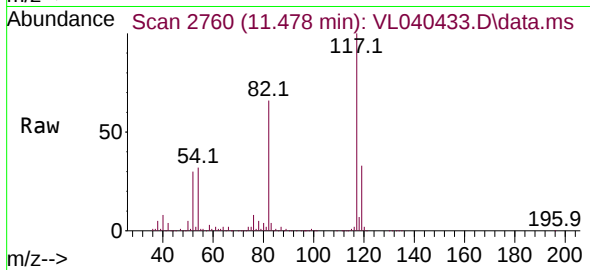




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

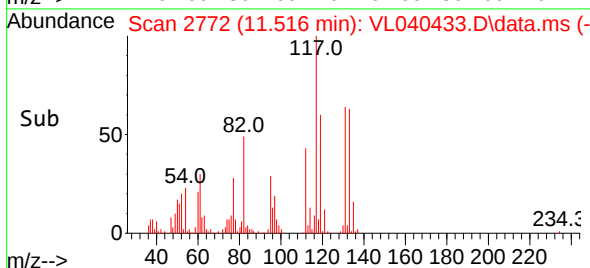
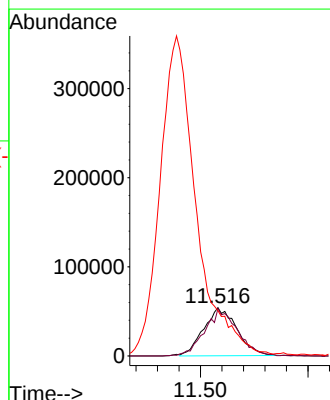
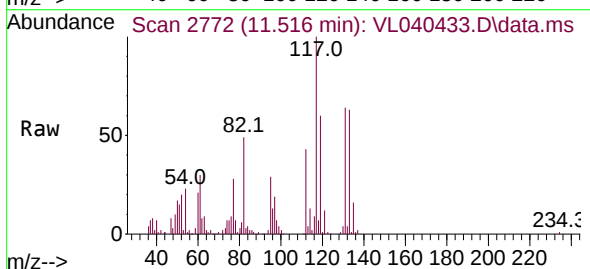
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

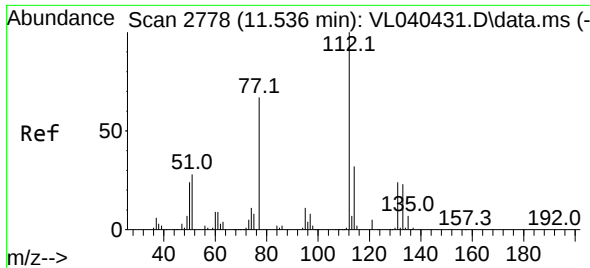
Tgt Ion:117 Resp: 2448894
Ion Ratio Lower Upper
117 100
82 65.5 52.5 78.7
119 34.4 24.0 36.0



#56
1,1,1,2-Tetrachloroethane
Concen: 1.016 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.013 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion:131 Resp: 115214
Ion Ratio Lower Upper
131 100
133 97.0 75.8 113.8
119 733.4 48.7 73.1#

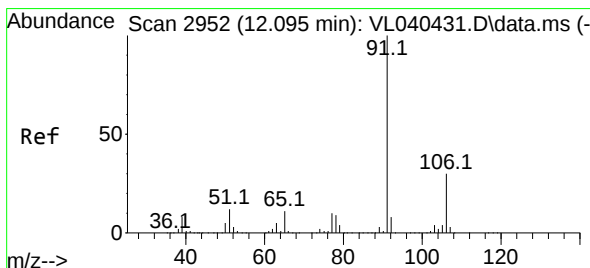
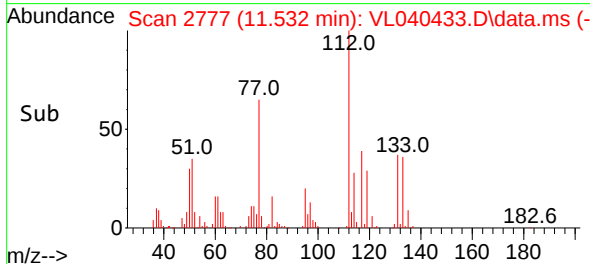
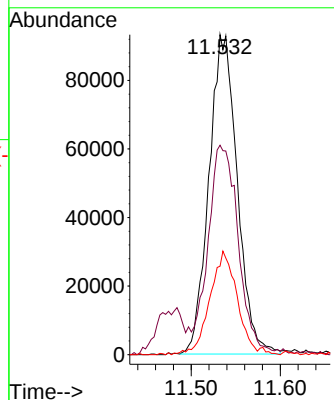
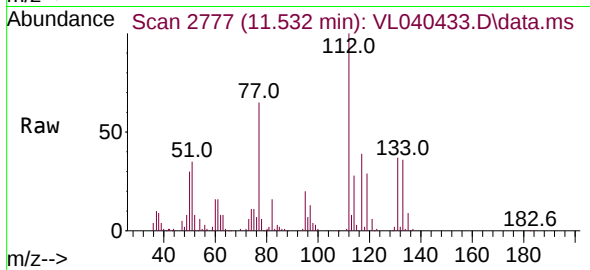




#57
Chlorobenzene
Concen: 1.045 ppbv
RT: 11.532 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

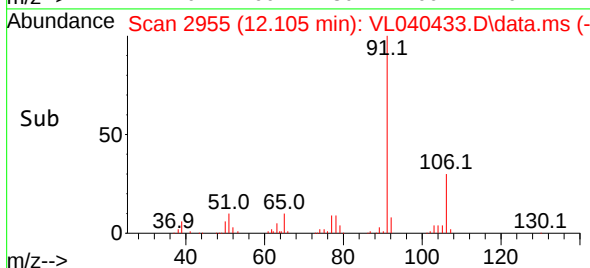
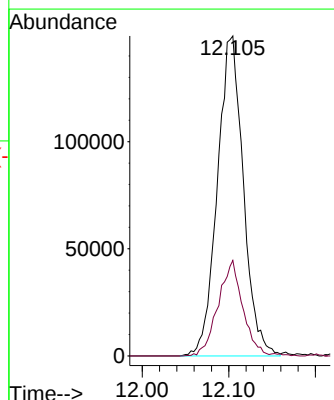
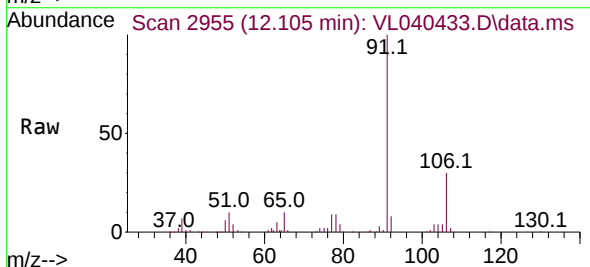
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

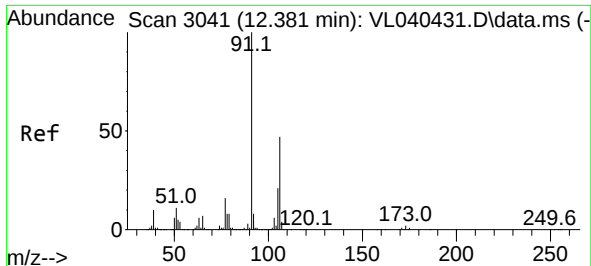
Tgt Ion:112 Resp: 206134
Ion Ratio Lower Upper
112 100
77 64.5 54.7 82.1
114 27.7 29.0 35.4#



#58
Ethyl Benzene
Concen: 1.004 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. -0.006 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion: 91 Resp: 311000
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.8





#59

m/p-Xylene

Concen: 0.947 ppbv

RT: 12.384 min Scan# 3041

Delta R.T. -0.013 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_1

ClientSampleId :

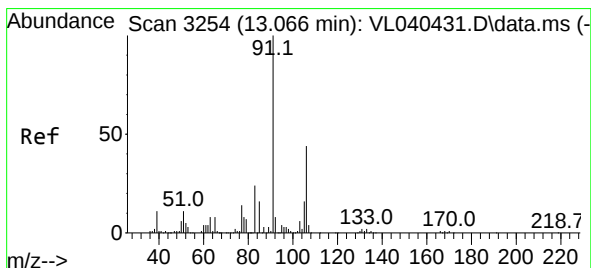
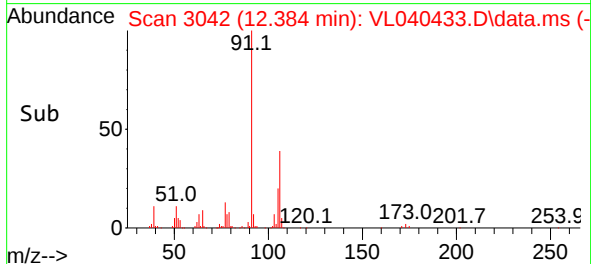
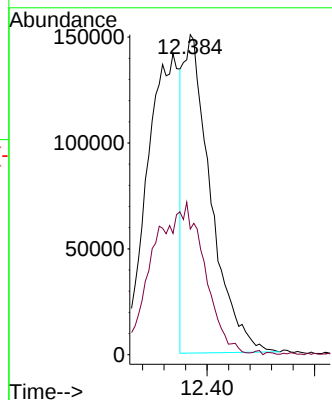
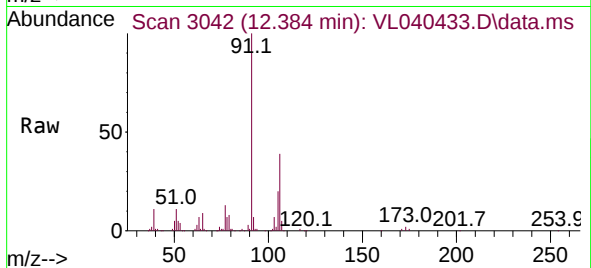
VSTDIC001

Tgt Ion: 91 Resp: 267672

Ion Ratio Lower Upper

91 100

106 90.4 34.9 52.3#



#60

o-Xylene

Concen: 1.024 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. -0.013 min

Lab File: VL040433.D

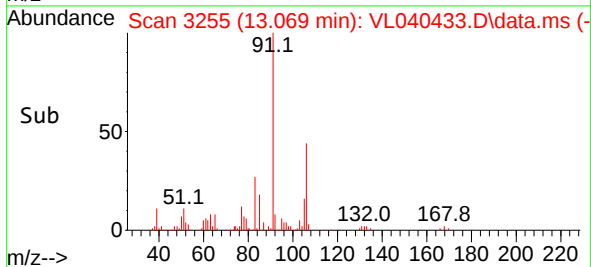
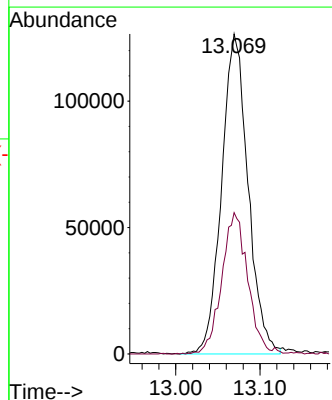
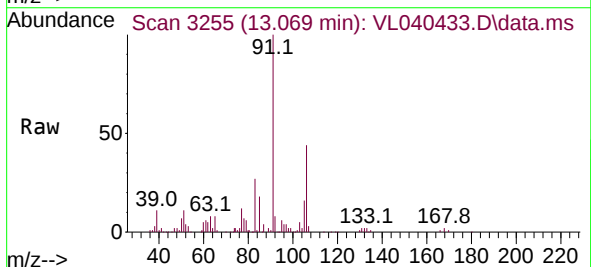
Acq: 16 May 2023 10:54

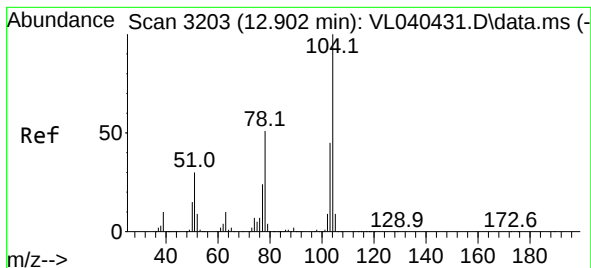
Tgt Ion: 91 Resp: 275423

Ion Ratio Lower Upper

91 100

106 43.8 21.8 65.4





#61

Styrene

Concen: 0.884 ppbv

RT: 12.912 min Scan# 31

Delta R.T. -0.010 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

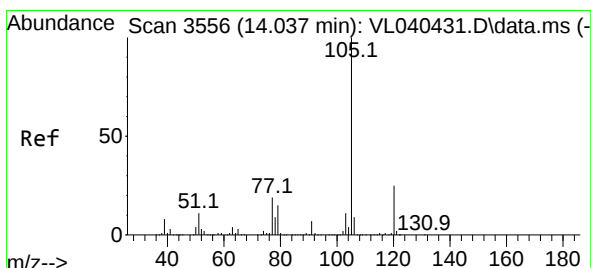
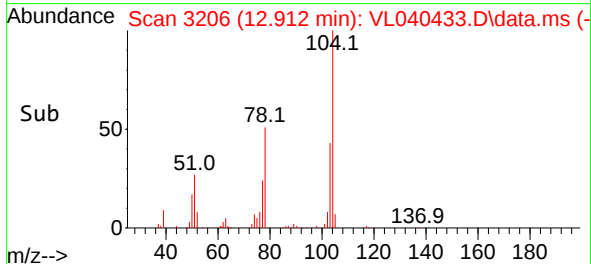
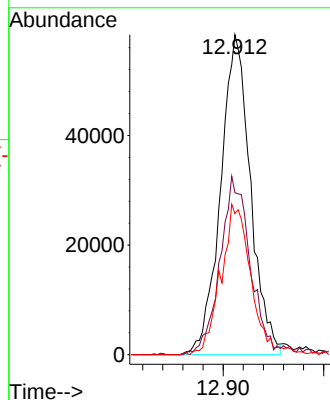
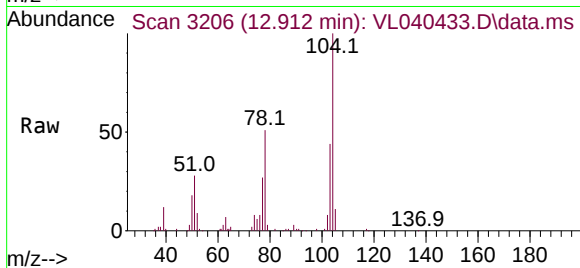
Tgt Ion:104 Resp: 120500

Ion Ratio Lower Upper

104 100

78 57.6 43.3 64.9

103 47.6 37.4 56.2



#62

Isopropylbenzene

Concen: 1.039 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. -0.016 min

Lab File: VL040433.D

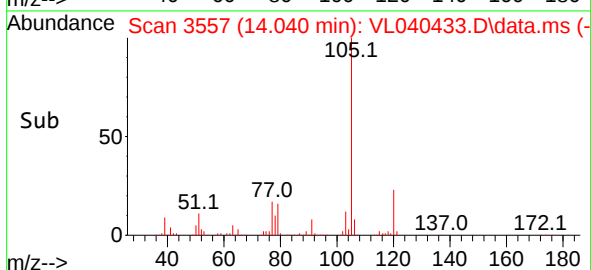
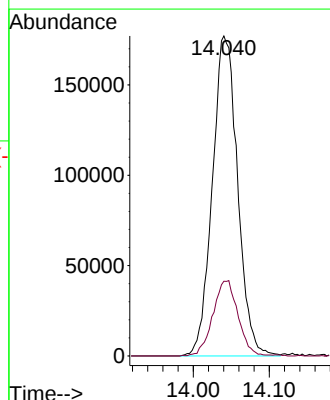
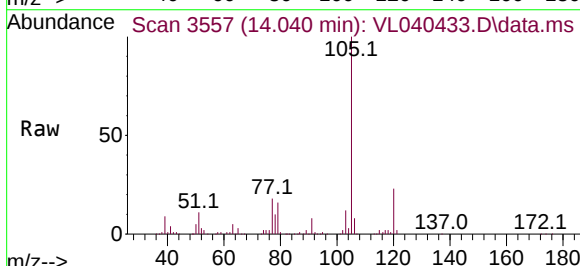
Acq: 16 May 2023 10:54

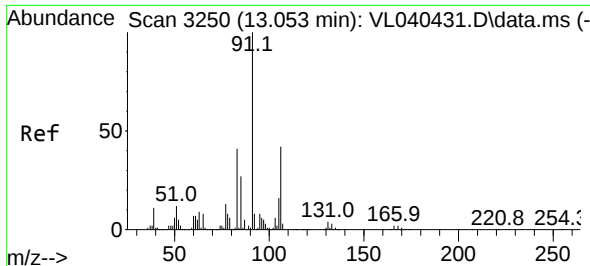
Tgt Ion:105 Resp: 408617

Ion Ratio Lower Upper

105 100

120 23.6 20.0 30.0

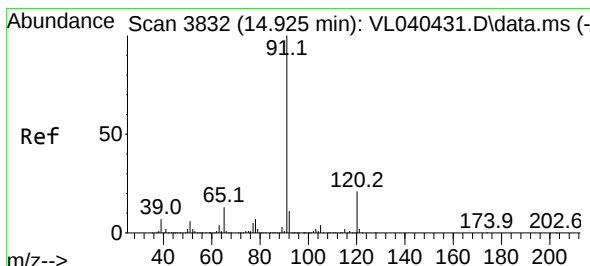
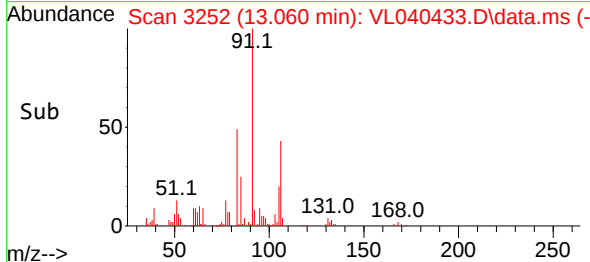
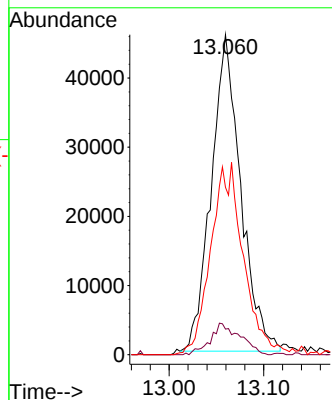
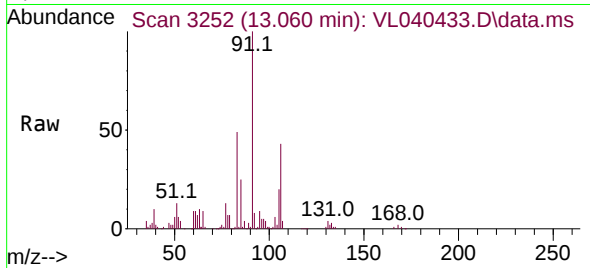




#63
1,1,2,2-Tetrachloroethane
Concen: 1.020 ppbv
RT: 13.060 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

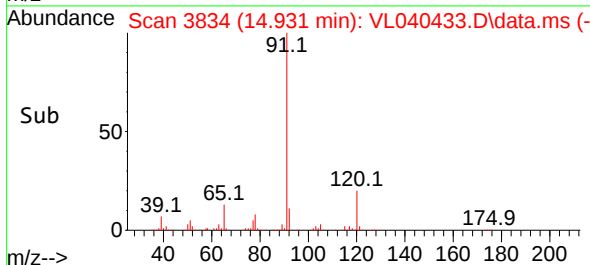
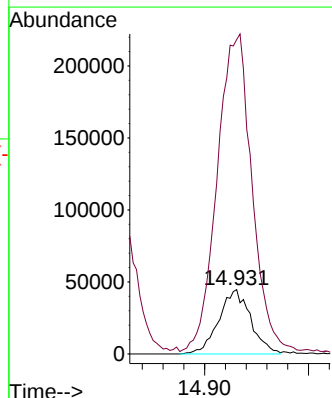
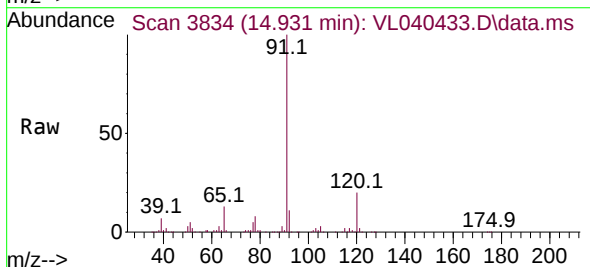
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

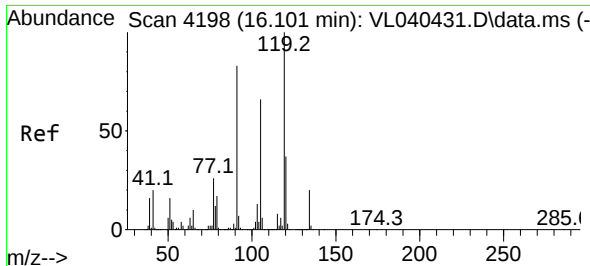
Tgt Ion: 83 Resp: 98997
Ion Ratio Lower Upper
83 100
131 10.0 4.5 13.5
85 67.5 33.0 99.0



#64
n-propylbenzene
Concen: 0.980 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. -0.013 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion:120 Resp: 95089
Ion Ratio Lower Upper
120 100
91 557.5 393.2 589.8

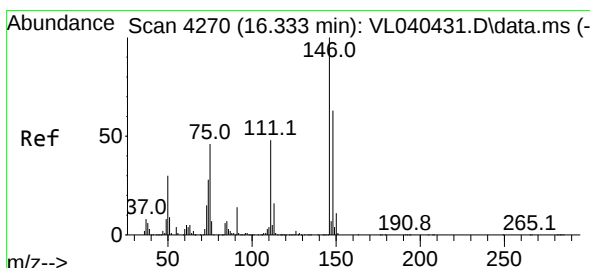
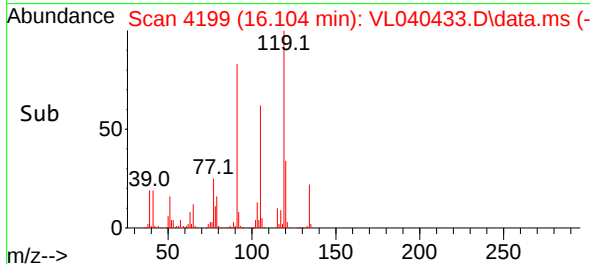
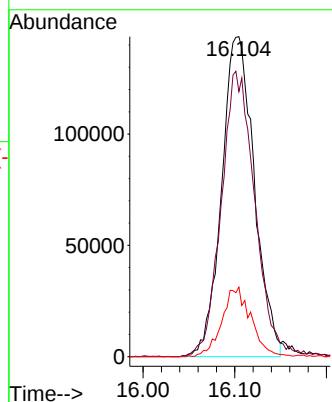
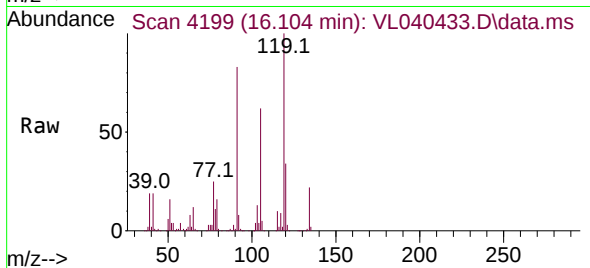




#65
tert-Butylbenzene
Concen: 1.033 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. -0.013 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

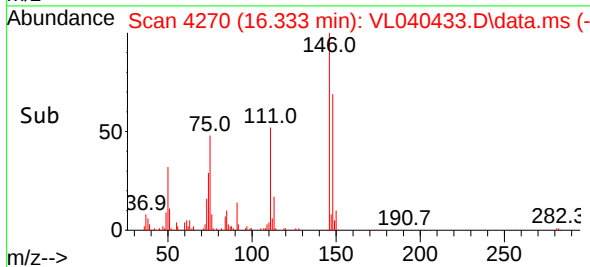
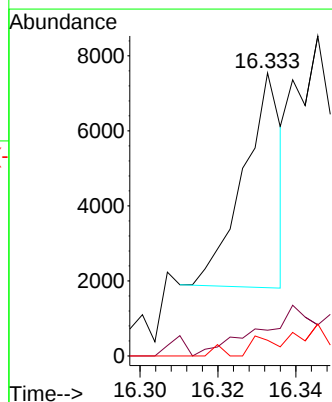
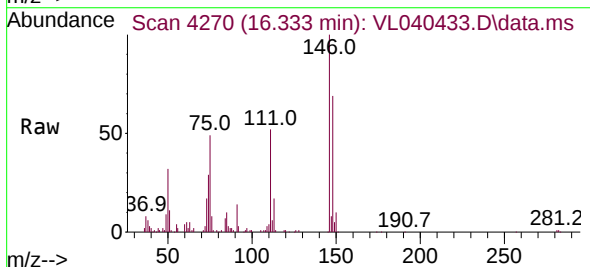
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

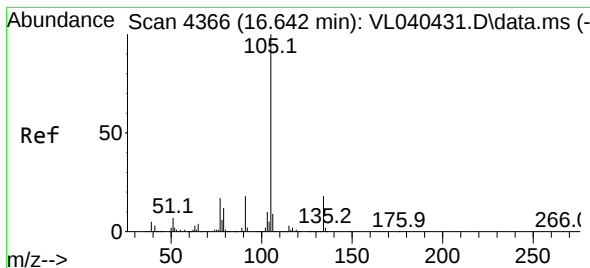
Tgt Ion:119 Resp: 356097
Ion Ratio Lower Upper
119 100
91 92.7 69.8 104.6
134 19.5 15.4 23.2



#66
Benzyl Chloride
Concen: 0.187 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.019 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion: 91 Resp: 3824
Ion Ratio Lower Upper
91 100
126 0.0 12.6 19.0#
128 0.0 3.9 5.9#





#67

sec-Butylbenzene

Concen: 1.047 ppbv

RT: 16.645 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

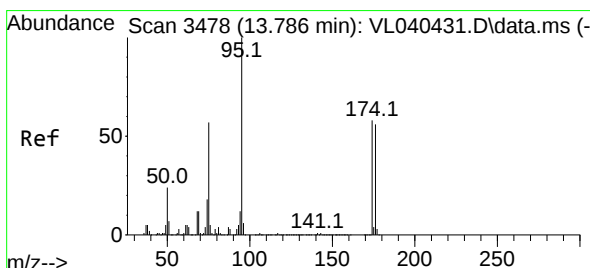
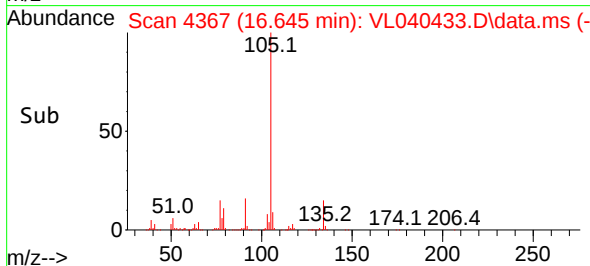
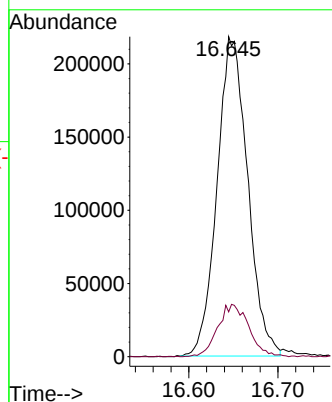
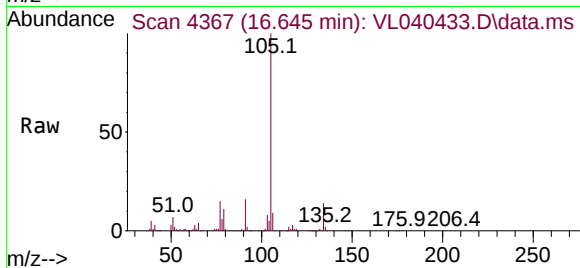
VSTDIC001

Tgt Ion:105 Resp: 519827

Ion Ratio Lower Upper

105 100

134 16.8 14.1 21.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.916 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. -0.013 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

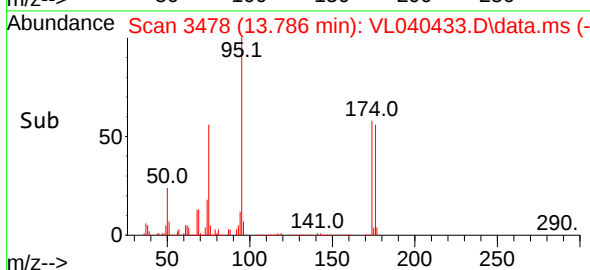
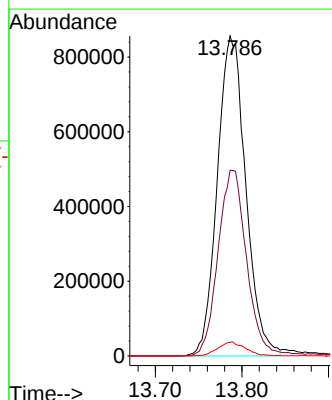
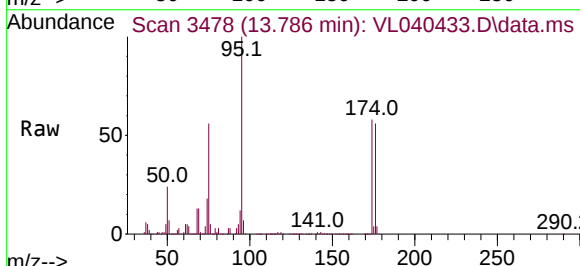
Tgt Ion: 95 Resp: 1952598

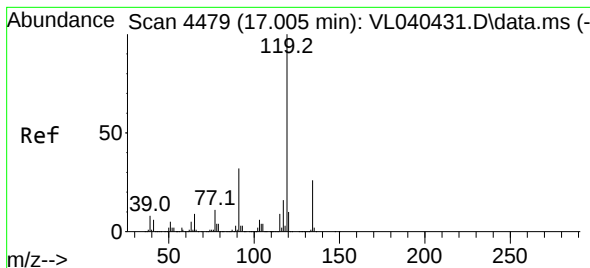
Ion Ratio Lower Upper

95 100

174 59.5 47.0 70.6

175 4.3 3.4 5.0

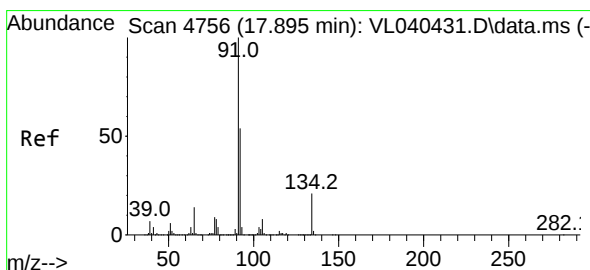
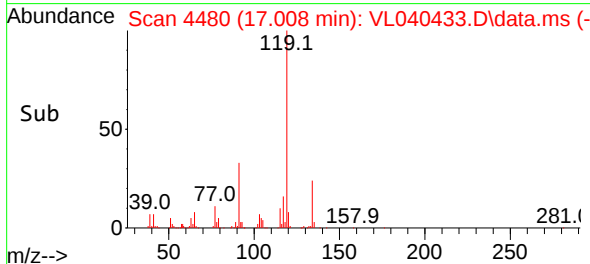
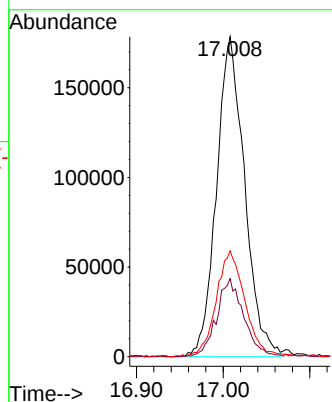
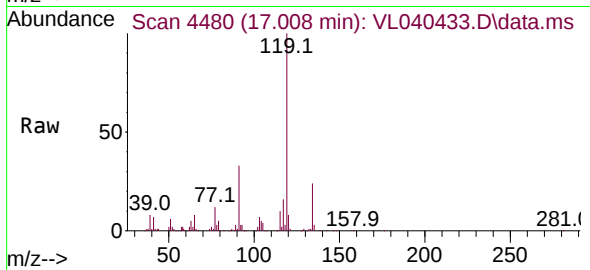




#69
p-Isopropyltoluene
Concen: 1.030 ppbv
RT: 17.008 min Scan# 4479
Delta R.T. -0.013 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

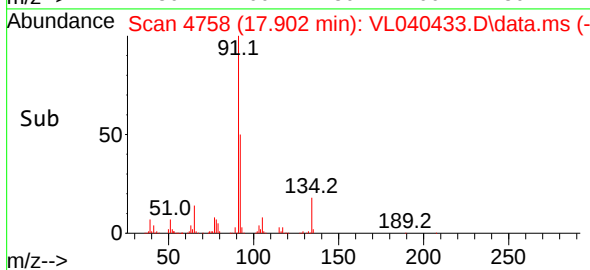
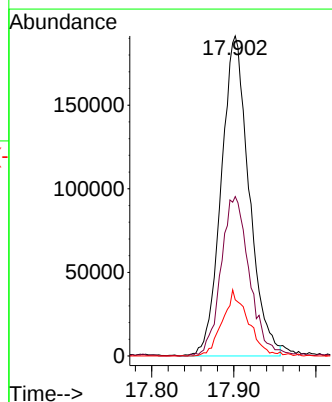
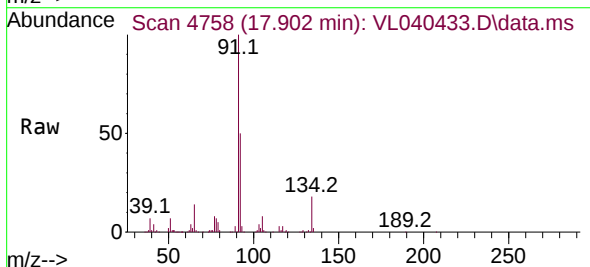
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

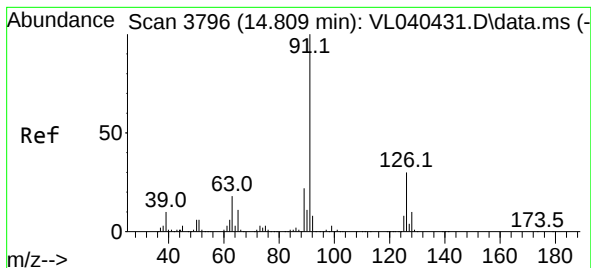
Tgt Ion:119 Resp: 401852
Ion Ratio Lower Upper
119 100
134 23.8 20.2 30.4
91 34.4 25.4 38.0



#70
n-Butylbenzene
Concen: 1.037 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. -0.010 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion: 91 Resp: 450839
Ion Ratio Lower Upper
91 100
92 51.4 43.2 64.8
134 19.3 16.9 25.3

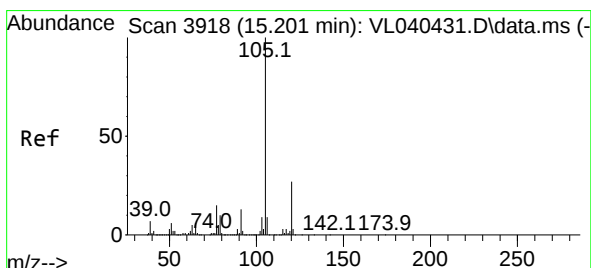
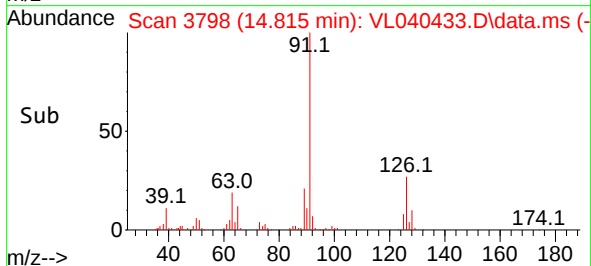
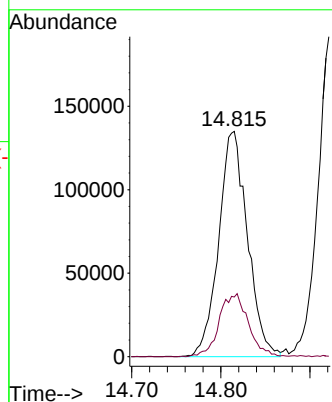
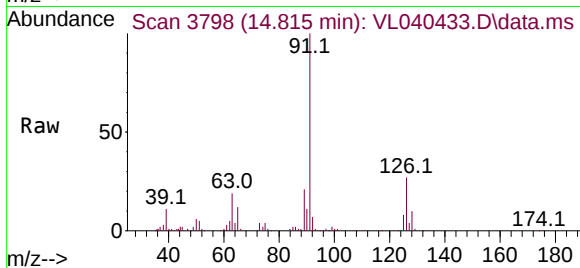




#71
2-Chlorotoluene
Concen: 1.013 ppbv
RT: 14.815 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

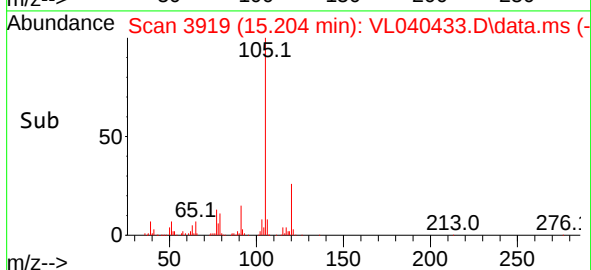
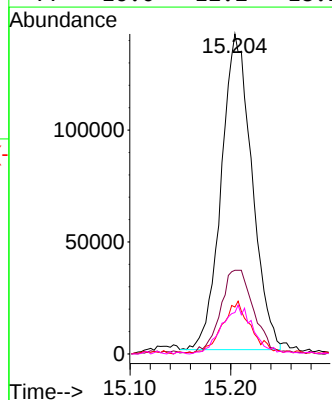
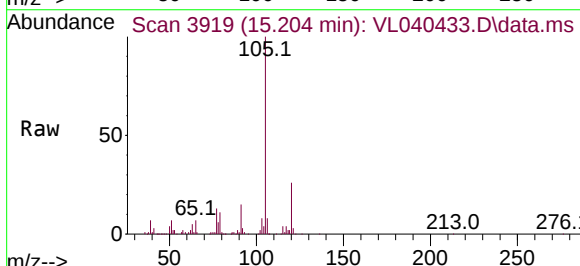
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

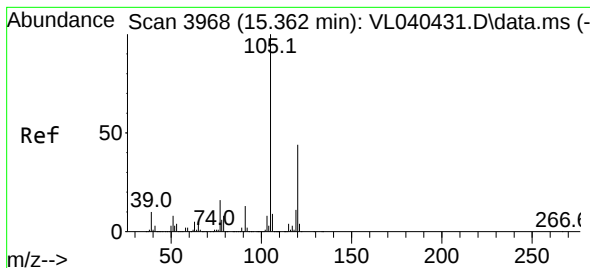
Tgt Ion: 91 Resp: 303062
Ion Ratio Lower Upper
91 100
126 28.5 12.0 48.0



#72
4-Ethyltoluene
Concen: 0.978 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.016 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion: 105 Resp: 298244
Ion Ratio Lower Upper
105 100
120 29.2 23.8 35.8
91 15.0 11.0 16.4
77 16.0 12.2 18.2





#73

1,3,5-Trimethylbenzene

Concen: 1.000 ppbv

RT: 15.365 min Scan# 3969

Delta R.T. -0.010 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

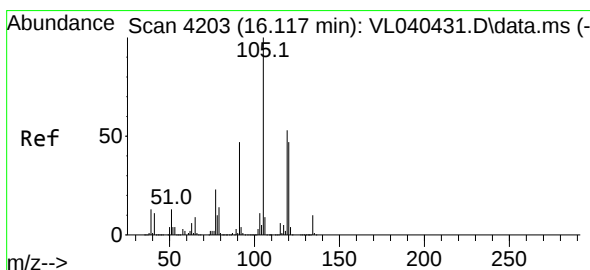
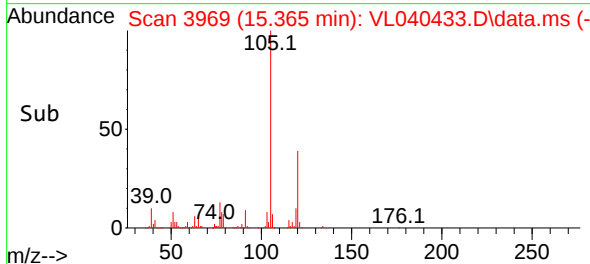
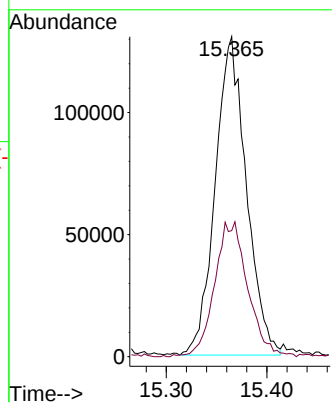
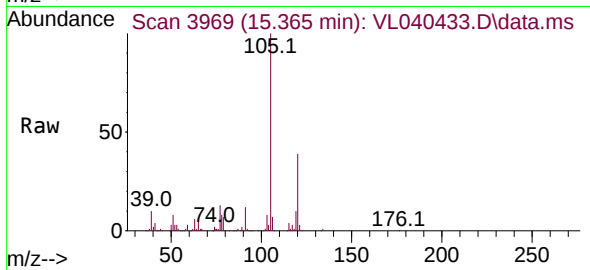
VSTDIC001

Tgt Ion:105 Resp: 280182

Ion Ratio Lower Upper

105 100

120 39.1 35.2 52.8



#74

1,2,4-Trimethylbenzene

Concen: 1.060 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. -0.016 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Tgt Ion:105 Resp: 341599

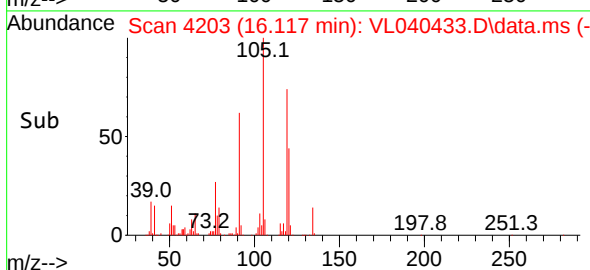
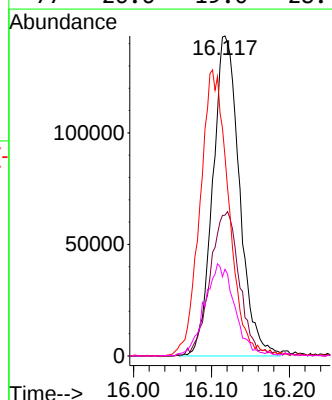
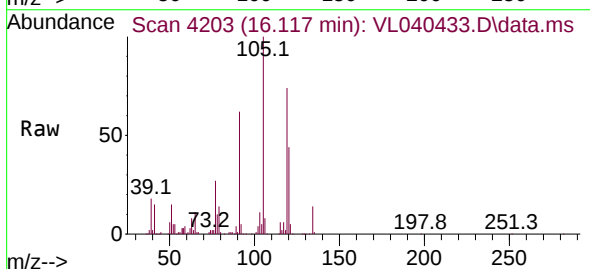
Ion Ratio Lower Upper

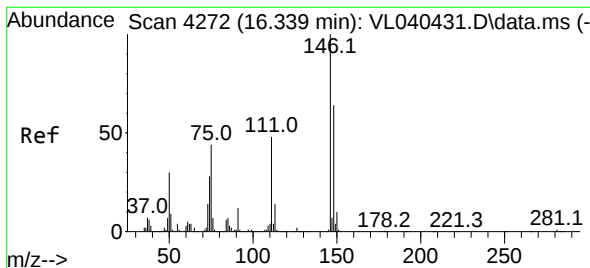
105 100

120 43.7 38.1 57.1

91 61.3 40.2 60.2#

77 26.6 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 1.029 ppbv

RT: 16.346 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

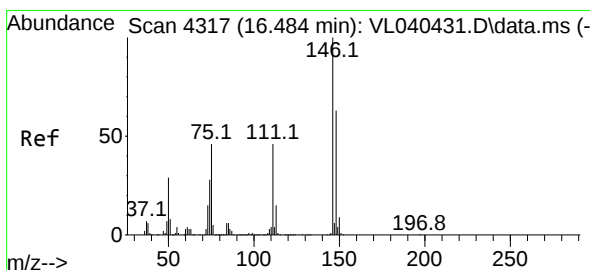
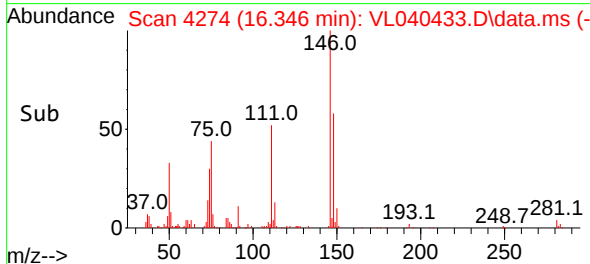
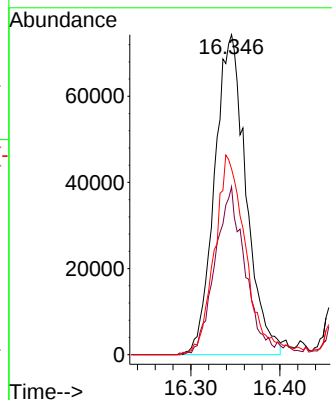
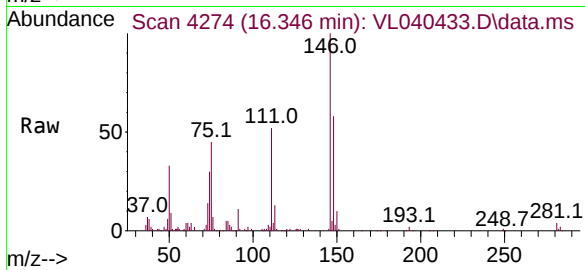
Tgt Ion:146 Resp: 182487

Ion Ratio Lower Upper

146 100

111 51.2 24.6 74.0

148 62.7 32.1 96.3



#76

1,4-Dichlorobenzene

Concen: 0.999 ppbv

RT: 16.487 min Scan# 4318

Delta R.T. -0.013 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

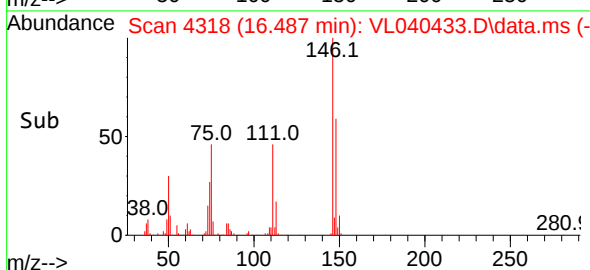
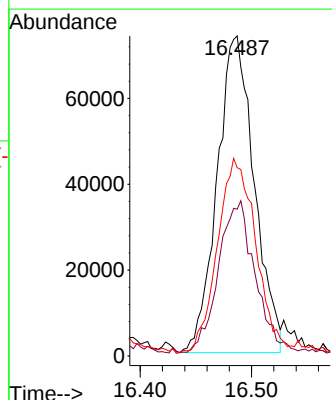
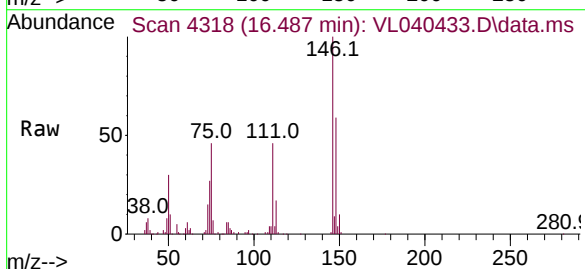
Tgt Ion:146 Resp: 171355

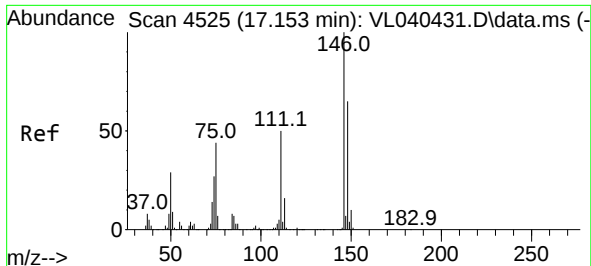
Ion Ratio Lower Upper

146 100

111 52.0 24.0 72.0

148 65.3 32.5 97.4

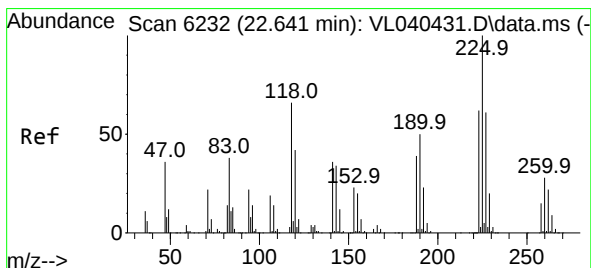
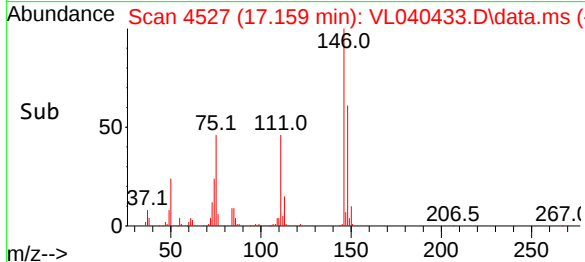
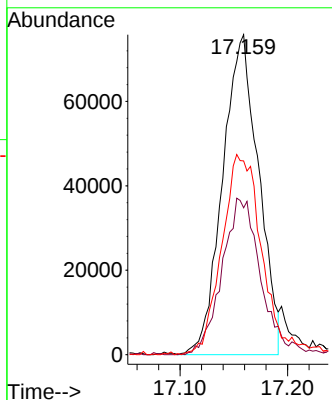
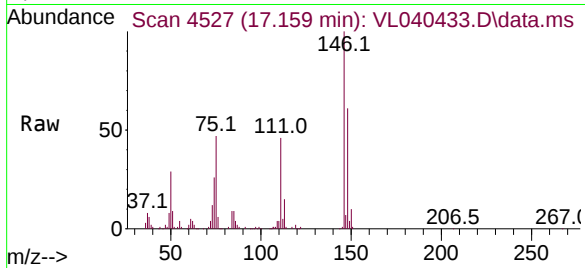




#77
1,2-Dichlorobenzene
Concen: 1.027 ppbv
RT: 17.159 min Scan# 4527
Delta R.T. -0.010 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

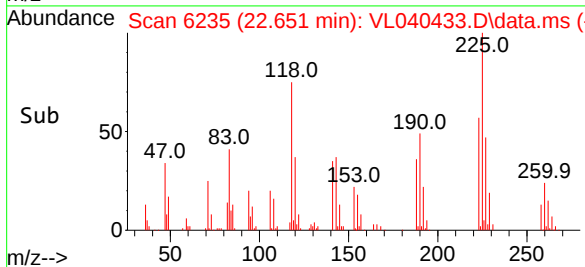
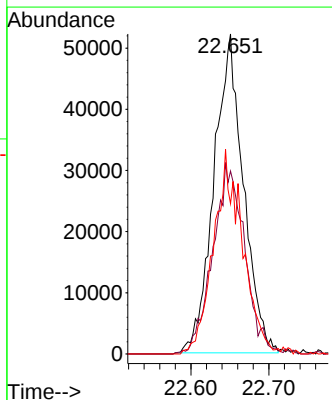
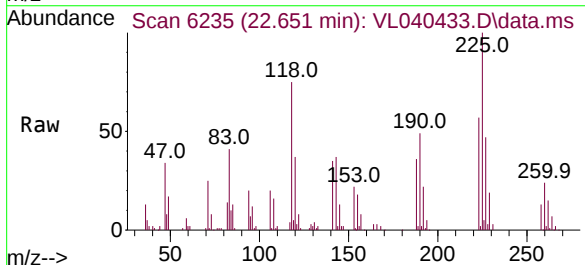
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

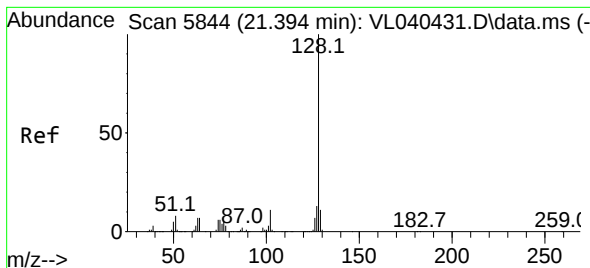
Tgt Ion:146 Resp: 176452
Ion Ratio Lower Upper
146 100
111 52.6 25.2 75.6
148 70.7 32.1 96.5



#78
Hexachloro-1,3-Butadiene
Concen: 1.068 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. -0.013 min
Lab File: VL040433.D
Acq: 16 May 2023 10:54

Tgt Ion:225 Resp: 137187
Ion Ratio Lower Upper
225 100
223 64.7 51.2 76.8
227 63.5 51.0 76.6





#79

Naphthalene

Concen: 0.538 ppbv

RT: 21.403 min Scan# 5847

Delta R.T. -0.013 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

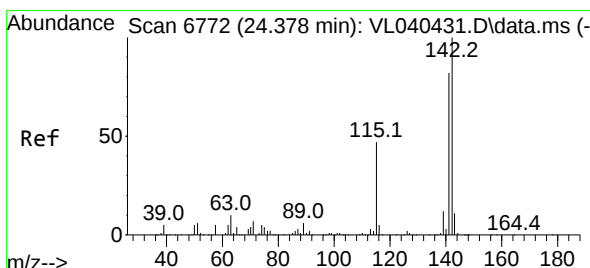
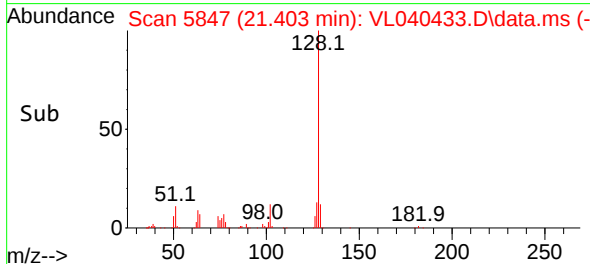
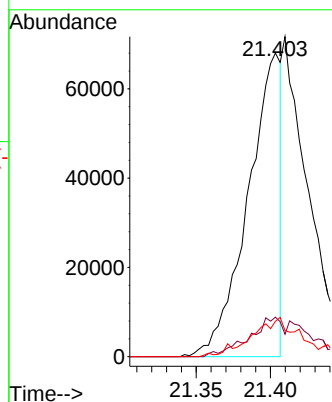
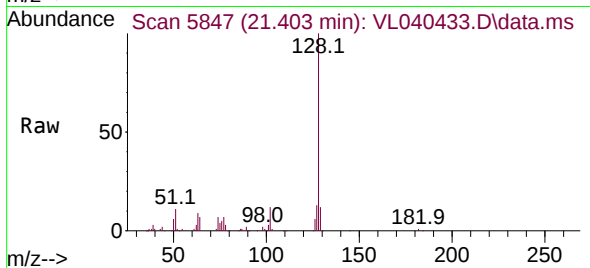
Tgt Ion:128 Resp: 104796

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.6 9.0 13.6



#80

Naphthalene,2-methyl-

Concen: 0.544 ppbv

RT: 24.394 min Scan# 6777

Delta R.T. -0.003 min

Lab File: VL040433.D

Acq: 16 May 2023 10:54

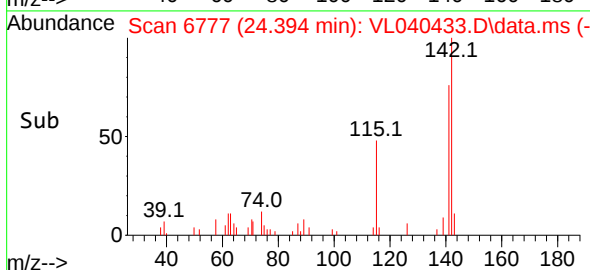
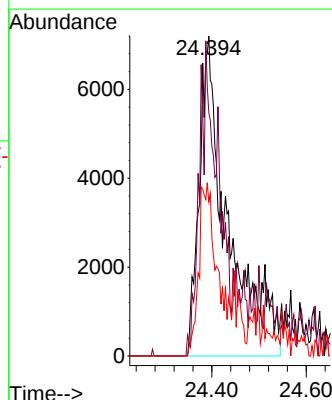
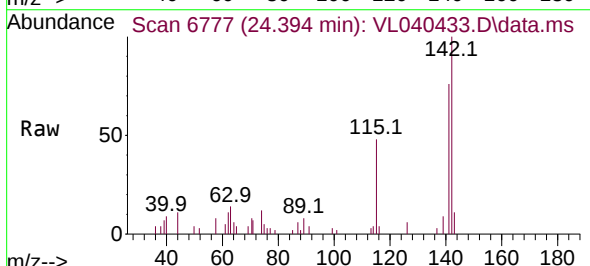
Tgt Ion:142 Resp: 30350

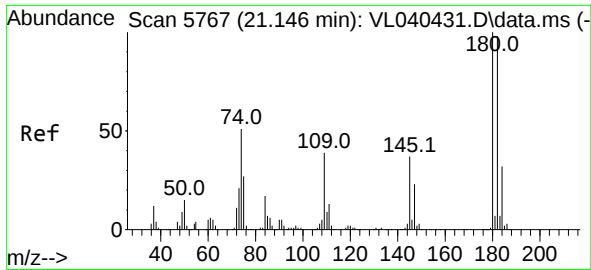
Ion Ratio Lower Upper

142 100

141 66.2 66.2 99.2

115 34.6 36.8 55.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.888 ppbv

RT: 21.159 min Scan# 51

Delta R.T. -0.010 min

Lab File: VL040433.D

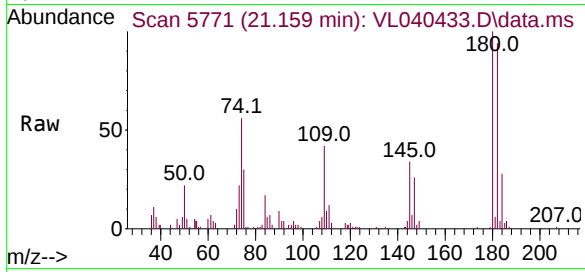
Acq: 16 May 2023 10:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:180 Resp: 107059

Ion Ratio Lower Upper

180 100

182 106.3 77.0 115.6

184 32.1 24.7 37.1

