

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040435.D
 Acq On : 16 May 2023 12:14
 Operator : SY/MD
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Quant Time: May 17 07:28:31 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	5.198	49	1009151	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2602494	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2241967	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1793787	9.950	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	12132	0.061	ppbv	96
3) Chlorodifluoromethane	2.671	51	13919	0.107	ppbv	99
4) Chloromethane	2.816	50	7020	0.087	ppbv	97
5) Vinyl Chloride	2.919	62	7156	0.100	ppbv #	66
6) Bromomethane	3.121	94	2272	0.104	ppbv	90
7) Chloroethane	3.192	64	1554	0.061	ppbv	93
8) Dichlorotetrafluoroethane	2.854	85	18166	0.102	ppbv	88
9) Propene	2.697	41	6914	0.136	ppbv #	80
10) Heptane	7.590	43	2729	0.023	ppbv #	26
11) Trichlorofluoromethane	3.562	101	18474	0.103	ppbv #	82
12) 1,1,2-Trichlorotrifluo...	4.070	101	7346	0.056	ppbv #	10
13) Ethanol	3.250	45	179	0.047	ppbv	72
14) Bromoethene	3.366	108	3099	0.059	ppbv #	1
15) Acetone	3.491	43	26845	0.210	ppbv #	88
16) 1,3-Butadiene	2.980	39	3725	0.064	ppbv #	6
17) tert-Butyl alcohol	3.874	59	136	0.001	ppbv #	1
18) 1,1-Dichloroethene	3.880	96	3576	0.062	ppbv #	72
19) Isopropyl Alcohol	3.581	45	314	0.005	ppbv #	92
20) Methylene Chloride	3.935	84	13846	0.243	ppbv	94
21) Allyl Chloride	4.002	41	8776	0.108	ppbv	92
22) trans-1,2-Dichloroethene	4.452	96	4730	0.082	ppbv #	70
23) Vinyl Acetate	4.626	43	1238	0.035	ppbv #	1
24) 1,1-Dichloroethane	4.565	63	11602	0.096	ppbv #	91
25) Ethyl Acetate	5.230	43	21577	0.090	ppbv #	95
26) Hexane	5.218	57	7768	0.078	ppbv #	1
27) Carbon Disulfide	4.131	76	10821	0.083	ppbv #	49
28) Methyl tert-Butyl Ether	4.594	73	1947	0.018	ppbv #	52
29) Chloroform	5.259	83	1588	0.009	ppbv	96
30) Cyclohexane	6.610	84	1020	0.013	ppbv #	1
31) cis-1,2-Dichloroethene	5.079	61	4624	0.047	ppbv #	80
32) 1,1,1-Trichloroethane	6.005	97	7729	0.041	ppbv #	22
34) 2-Butanone	4.816	43	12413	0.090	ppbv	91
35) Carbon Tetrachloride	6.494	117	10903	0.058	ppbv #	74
36) Benzene	6.375	78	9333	0.044	ppbv #	88
37) 1,2-Dichloroethane	5.812	62	5661	0.041	ppbv #	87
38) Trichloroethene	7.301	130	7060	0.054	ppbv #	61
39) 1,2-Dichloropropane	6.661	63	673848	8.138	ppbv #	23
40) 1,4-Dioxane	7.298	88	94	0.003	ppbv #	1
41) Tetrahydrofuran	5.584	42	767	0.010	ppbv #	35
42) Bromodichloromethane	7.256	83	8263	0.044	ppbv #	69
43) Methyl Methacrylate	7.481	69	1233	0.016	ppbv #	1
44) 2,2,4-Trimethylpentane	7.330	57	10533	0.030	ppbv #	25
45) t-1,3-Dichloropropene	8.719	75	1638	0.024	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040435.D
 Acq On : 16 May 2023 12:14
 Operator : SY/MD
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

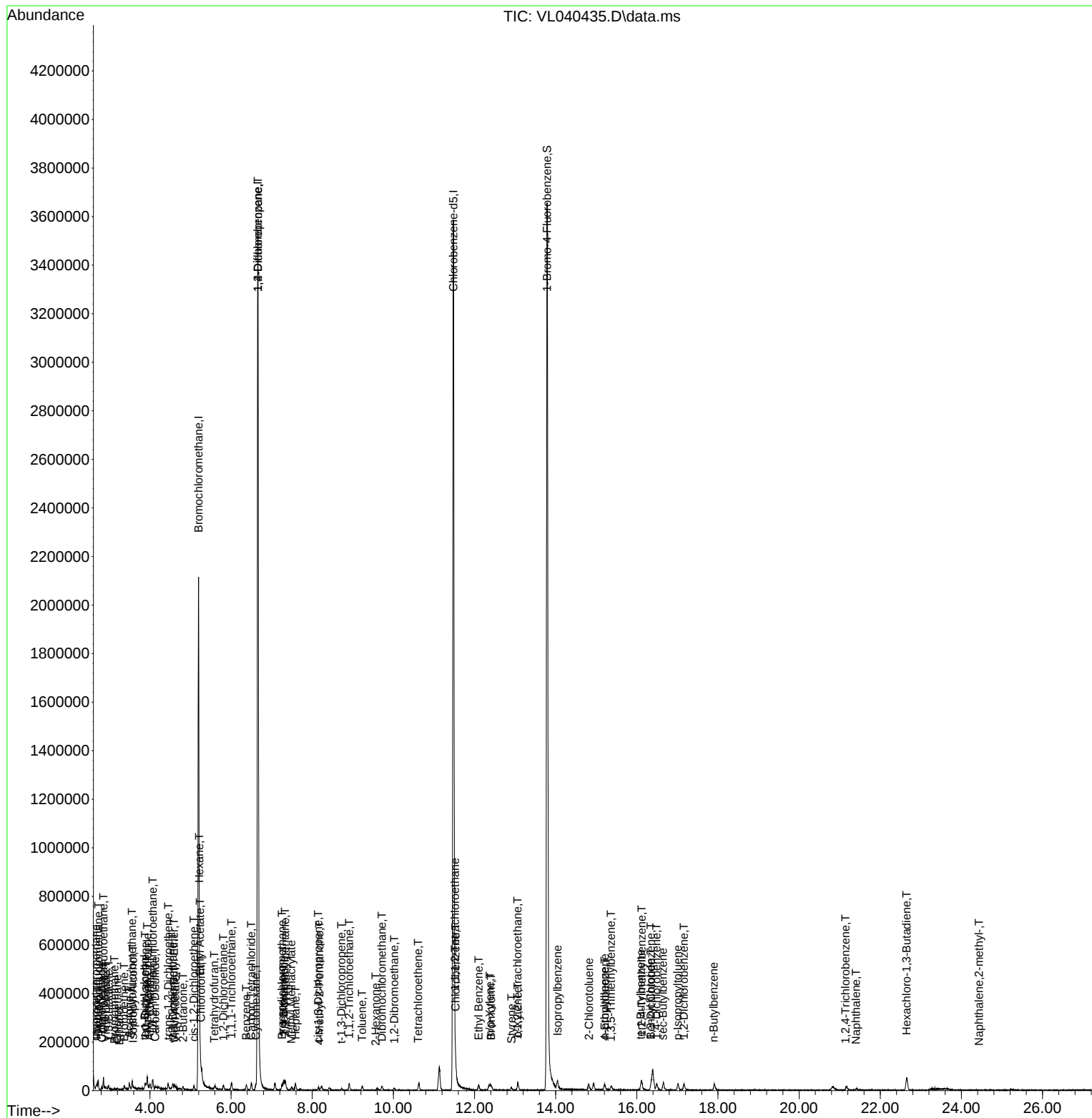
Quant Time: May 17 07:28:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 17 05:12:40 2023
 Response via : Initial Calibration

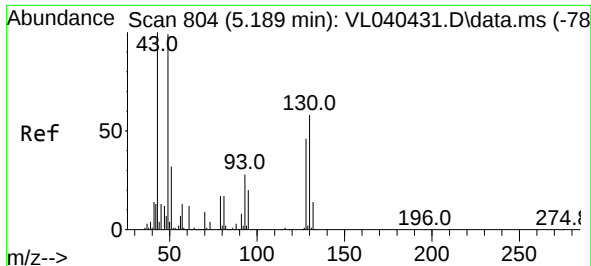
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.150	75	2589	0.027	ppbv	#	91
47) 1,1,2-Trichloroethane	8.909	97	5793	0.064	ppbv	#	70
48) Dibromochloromethane	9.719	129	6410	0.044	ppbv	#	37
49) Bromoform	12.407	173	940	0.008	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.179	43	134	0.001	ppbv	#	39
51) 2-Hexanone	9.561	43	104	0.001	ppbv	#	29
52) Tetrachloroethene	10.610	164	879	0.012	ppbv		92
53) Toluene	9.227	91	5008	0.022	ppbv	#	20
54) 1,2-Dibromoethane	10.021	107	5763	0.064	ppbv	#	44
56) 1,1,1,2-Tetrachloroethane	11.523	131	6676	0.064	ppbv	#	38
57) Chlorobenzene	11.536	112	9187	0.051	ppbv	#	91
58) Ethyl Benzene	12.105	91	5859	0.021	ppbv		91
59) m/p-Xylene	12.381	91	3730	0.014	ppbv	#	32
60) o-Xylene	13.066	91	3303	0.013	ppbv	#	32
61) Styrene	12.912	104	1316	0.011	ppbv	#	27
62) Isopropylbenzene	14.047	105	12171	0.034	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	13.060	83	2156	0.024	ppbv	#	24
64) n-propylbenzene	15.211	120	856	0.010	ppbv		64
65) tert-Butylbenzene	16.098	119	4023	0.013	ppbv	#	15
66) Benzyl Chloride	16.343	91	550	0.029	ppbv	#	68
67) sec-Butylbenzene	16.642	105	7187	0.016	ppbv	#	60
69) p-Isopropyltoluene	17.005	119	5556	0.016	ppbv	#	46
70) n-Butylbenzene	17.892	91	2273	0.006	ppbv	#	33
71) 2-Chlorotoluene	14.818	91	11786	0.043	ppbv		68
72) 4-Ethyltoluene	15.208	105	3588	0.013	ppbv	#	55
73) 1,3,5-Trimethylbenzene	15.365	105	2628	0.010	ppbv	#	39
74) 1,2,4-Trimethylbenzene	16.121	105	2340	0.008	ppbv	#	1
75) 1,3-Dichlorobenzene	16.343	146	1759	0.011	ppbv	#	22
76) 1,4-Dichlorobenzene	16.487	146	6303	0.040	ppbv	#	15
77) 1,2-Dichlorobenzene	17.159	146	6179	0.039	ppbv	#	22
78) Hexachloro-1,3-Butadiene	22.645	225	4391	0.037	ppbv	#	18
79) Naphthalene	21.403	128	2461	0.014	ppbv	#	85
80) Naphthalene,2-methyl-	24.435	142	79	0.002	ppbv	#	1
81) 1,2,4-Trichlorobenzene	21.146	180	1033	0.009	ppbv	#	12

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

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: May 17 07:28:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed May 17 05:12:40 2023
Response via : Initial Calibration

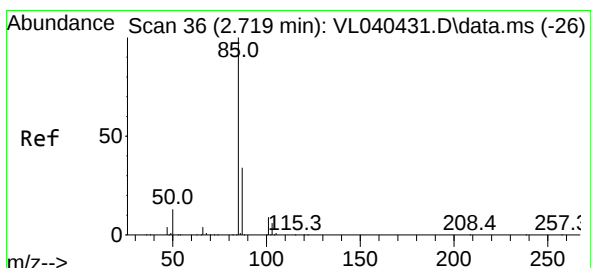
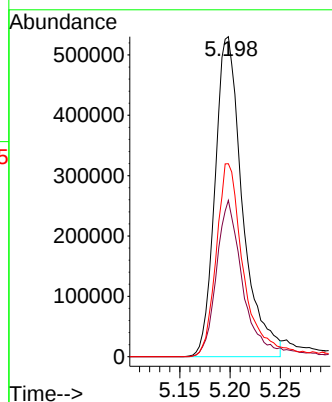
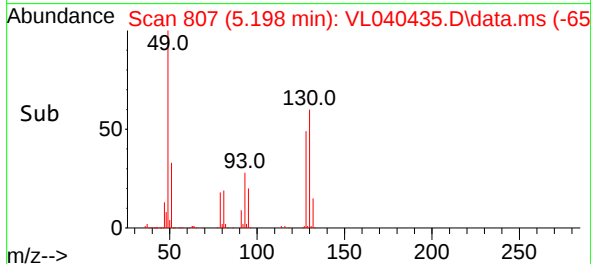
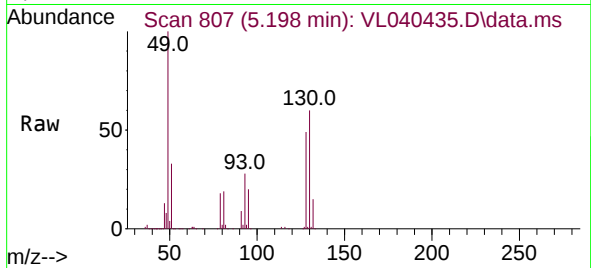




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

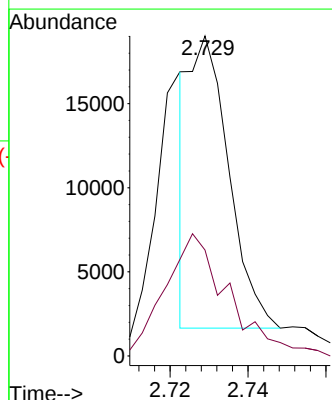
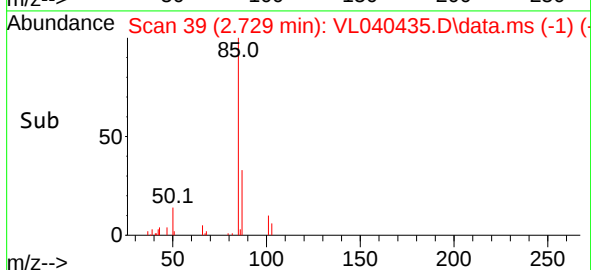
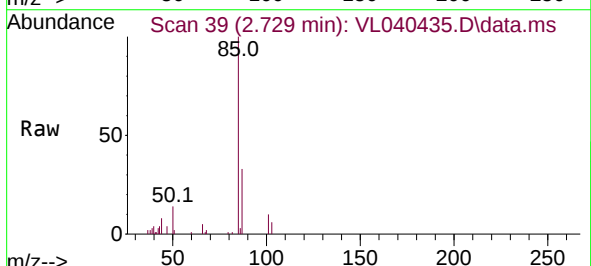
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

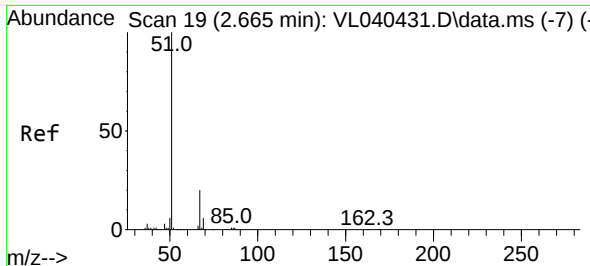
Tgt Ion: 49 Resp: 1009151
Ion Ratio Lower Upper
49 100
128 48.6 24.3 72.8
130 62.5 30.2 90.6



#2
Dichlorodifluoromethane
Concen: 0.061 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.000 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion: 85 Resp: 12132
Ion Ratio Lower Upper
85 100
87 31.6 27.4 41.0

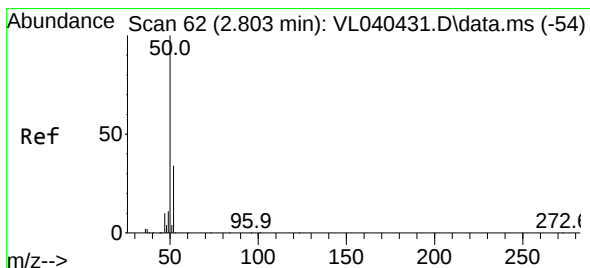
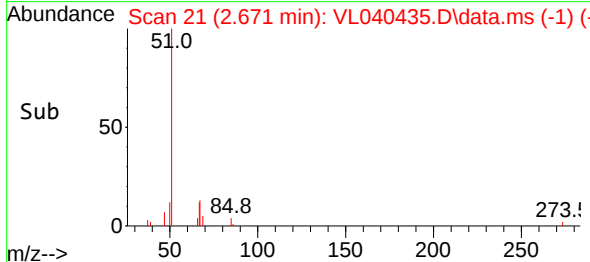
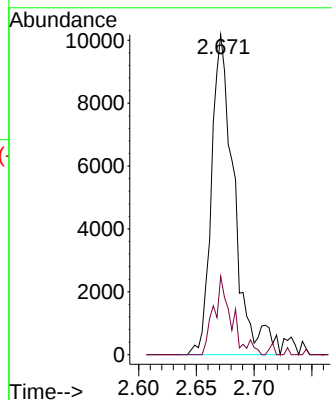
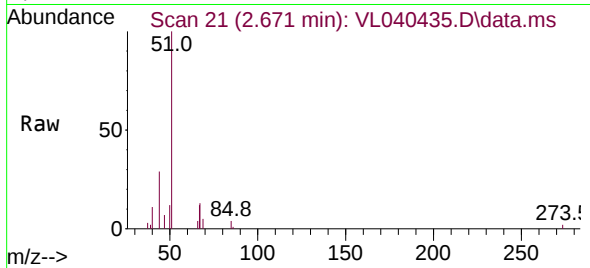




#3
Chlorodifluoromethane
Concen: 0.107 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

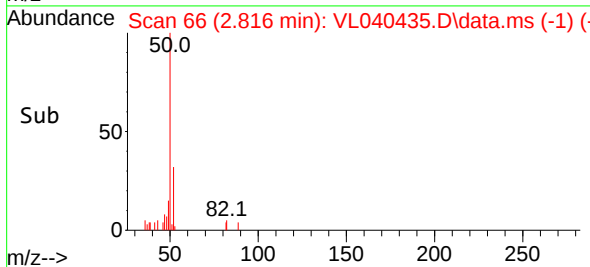
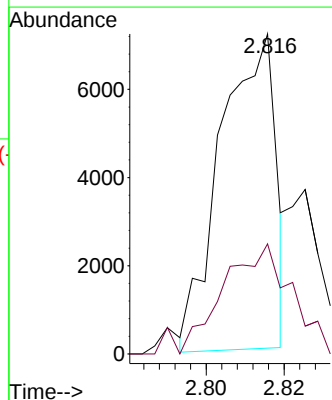
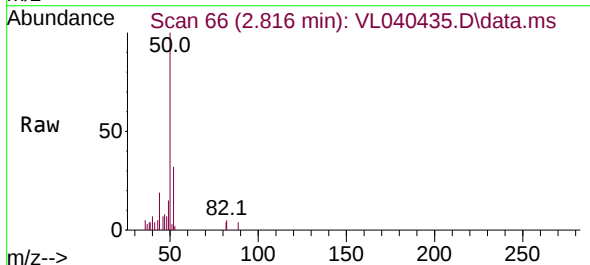
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

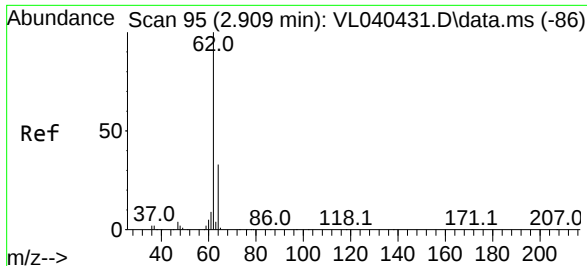
Tgt Ion: 51 Resp: 13919
Ion Ratio Lower Upper
51 100
67 20.3 15.8 23.6



#4
Chloromethane
Concen: 0.087 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.003 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion: 50 Resp: 7020
Ion Ratio Lower Upper
50 100
52 36.2 27.6 41.4

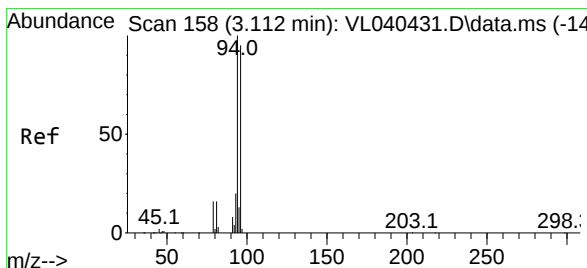
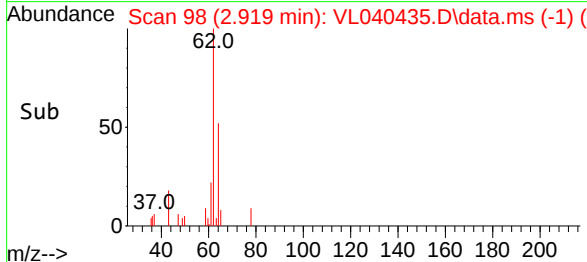
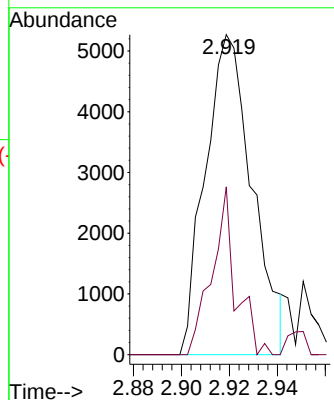
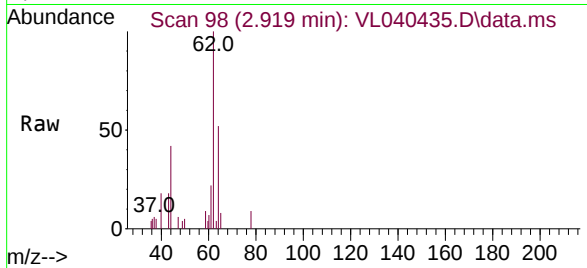




#5
 Vinyl Chloride
 Concen: 0.100 ppbv
 RT: 2.919 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL040435.D
 Acq: 16 May 2023 12:14

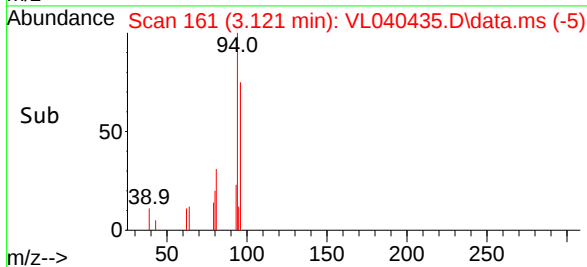
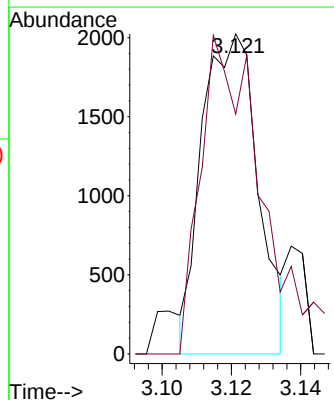
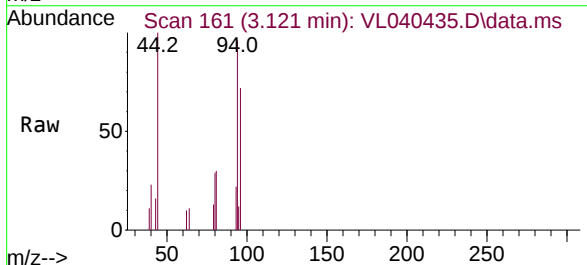
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

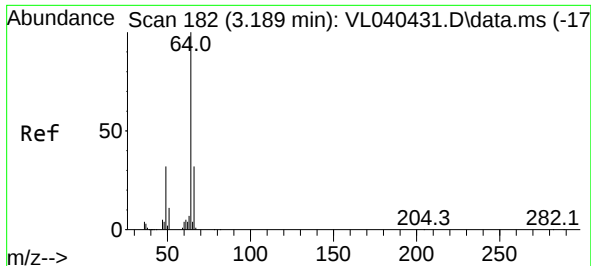
Tgt Ion: 62 Resp: 7156
 Ion Ratio Lower Upper
 62 100
 64 52.4 26.6 40.0#



#6
 Bromomethane
 Concen: 0.104 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VL040435.D
 Acq: 16 May 2023 12:14

Tgt Ion: 94 Resp: 2272
 Ion Ratio Lower Upper
 94 100
 96 85.2 75.7 113.5

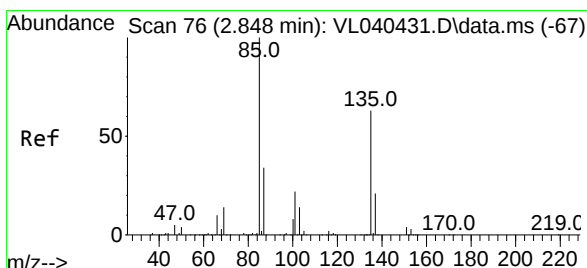
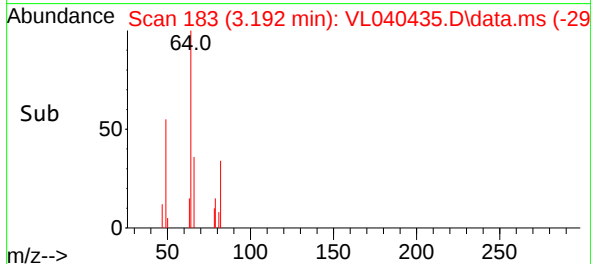
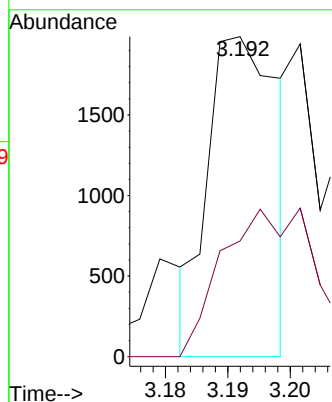
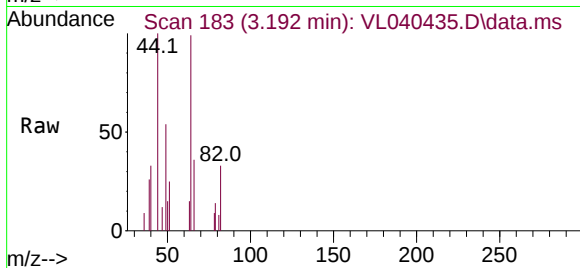




#7
Chloroethane
Concen: 0.061 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

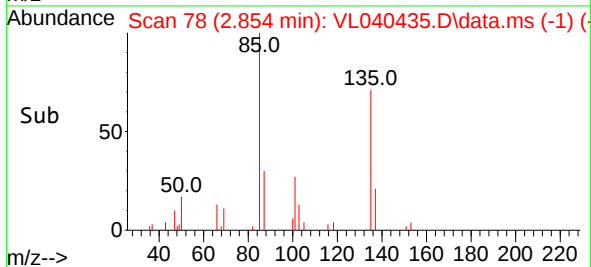
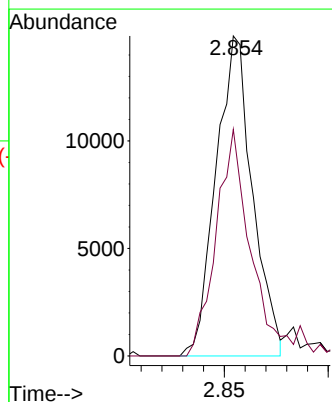
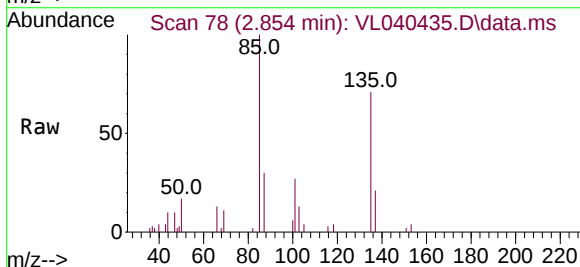
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

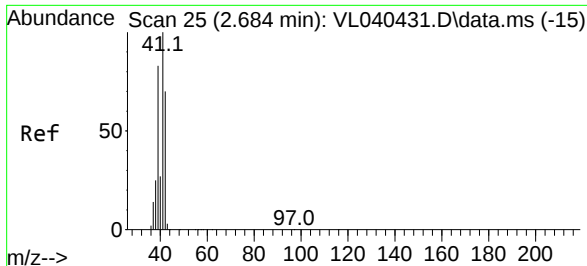
Tgt Ion: 64 Resp: 1554
Ion Ratio Lower Upper
64 100
66 36.2 25.8 38.8



#8
Dichlorotetrafluoroethane
Concen: 0.102 ppbv
RT: 2.854 min Scan# 78
Delta R.T. -0.003 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion: 85 Resp: 18166
Ion Ratio Lower Upper
85 100
135 72.6 50.6 75.8





#9

Propene

Concen: 0.136 ppbv

RT: 2.697 min Scan# 25

Delta R.T. 0.003 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_1

ClientSampleId :

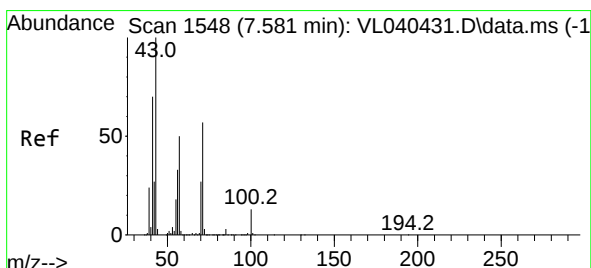
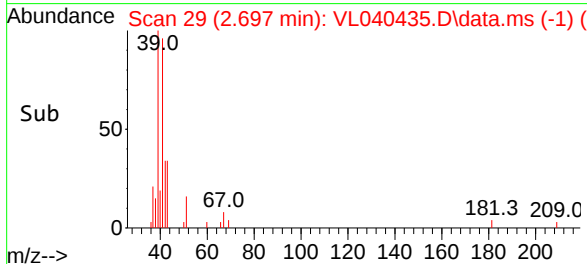
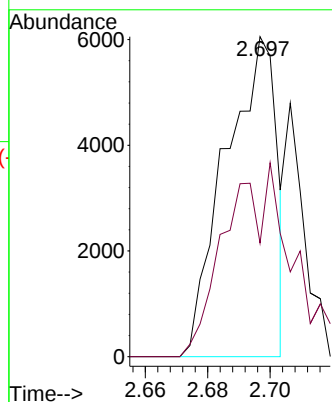
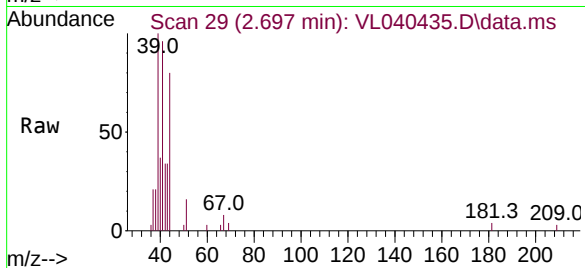
VSTDIC0.1

Tgt Ion: 41 Resp: 6914

Ion Ratio Lower Upper

41 100

42 87.1 56.6 84.8#



#10

Heptane

Concen: 0.023 ppbv

RT: 7.590 min Scan# 1551

Delta R.T. -0.006 min

Lab File: VL040435.D

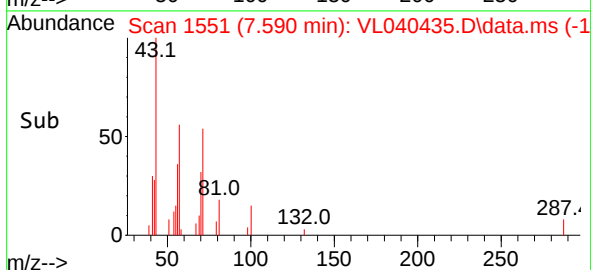
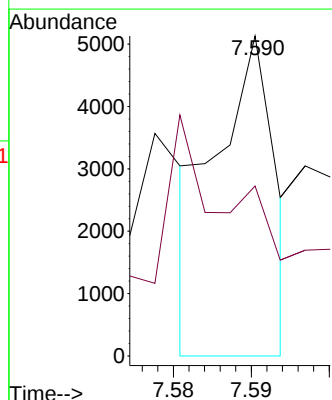
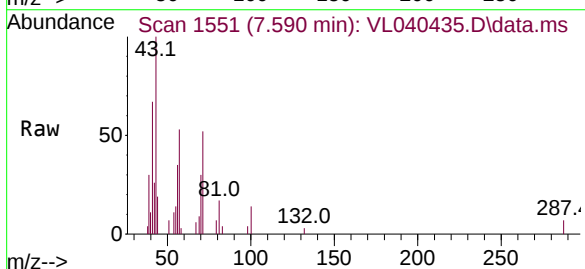
Acq: 16 May 2023 12:14

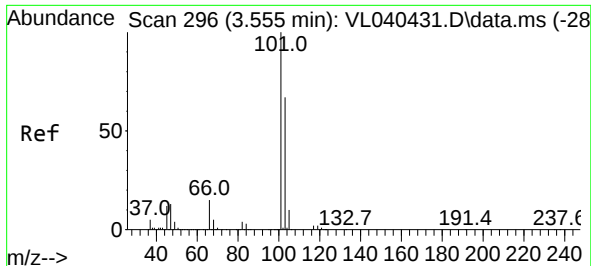
Tgt Ion: 43 Resp: 2729

Ion Ratio Lower Upper

43 100

57 0.0 42.2 63.2#

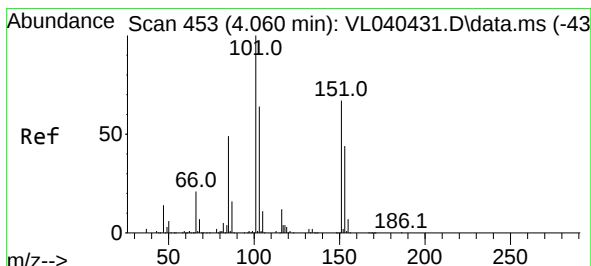
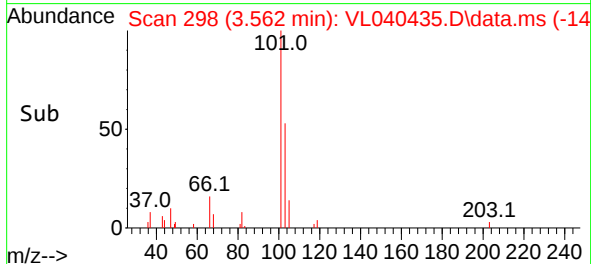
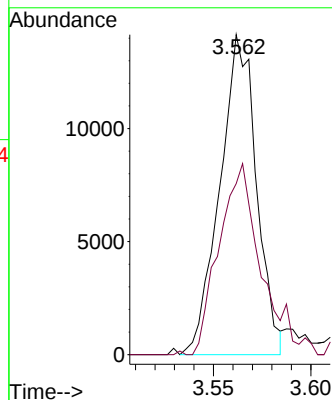
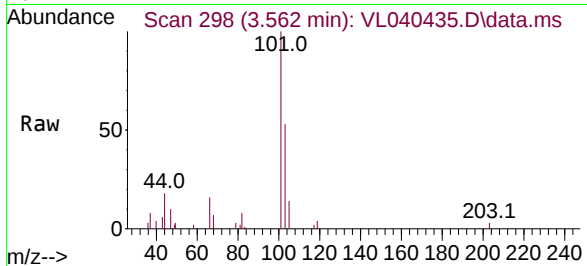




#11
 Trichlorofluoromethane
 Concen: 0.103 ppbv
 RT: 3.562 min Scan# 296
 Delta R.T. -0.006 min
 Lab File: VL040435.D
 Acq: 16 May 2023 12:14

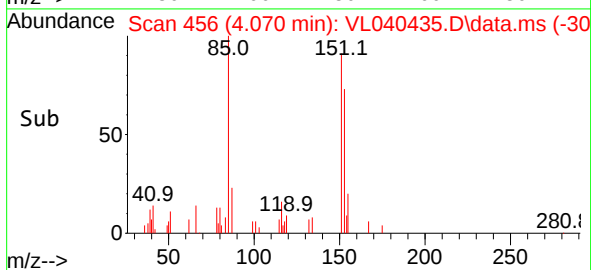
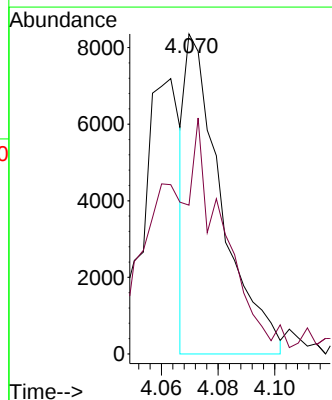
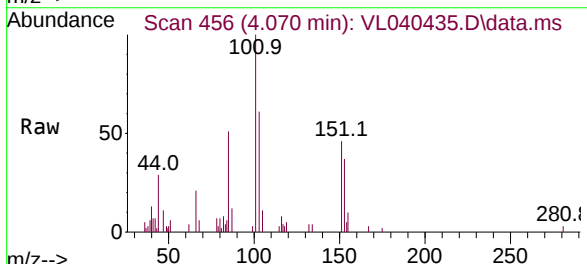
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

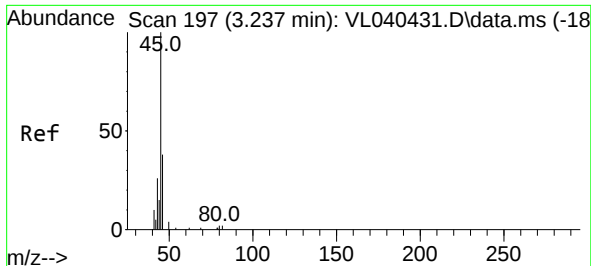
Tgt Ion:101 Resp: 18474
 Ion Ratio Lower Upper
 101 100
 103 52.3 53.3 79.9#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.056 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. -0.003 min
 Lab File: VL040435.D
 Acq: 16 May 2023 12:14

Tgt Ion:101 Resp: 7346
 Ion Ratio Lower Upper
 101 100
 151 139.3 53.8 80.6#

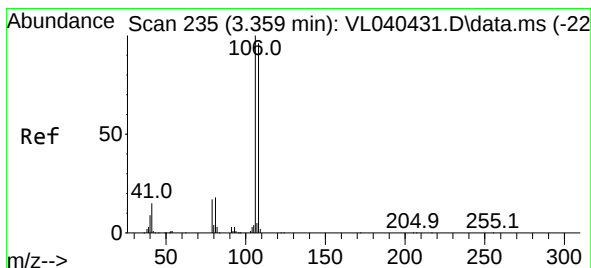
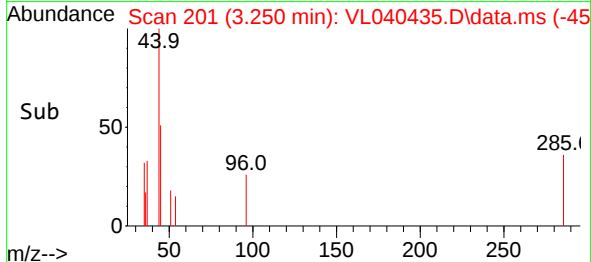
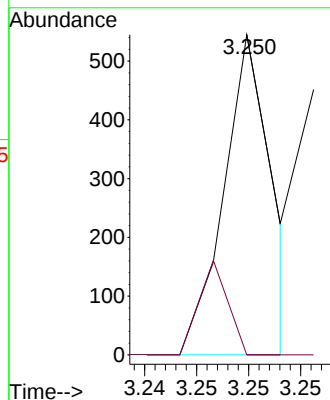
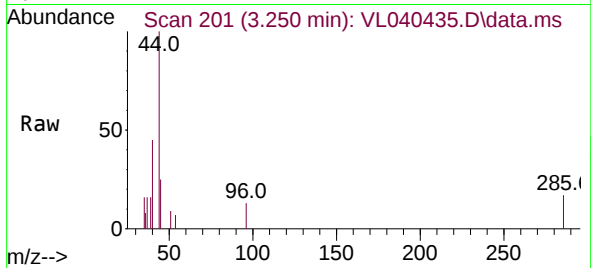




#13
Ethanol
Concen: 0.047 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.000 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

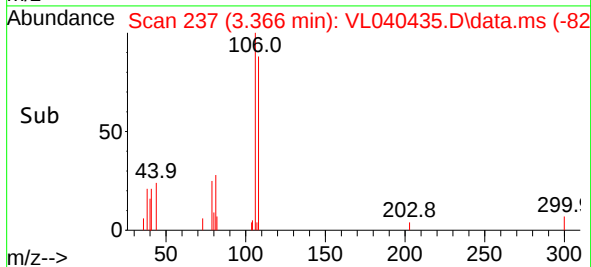
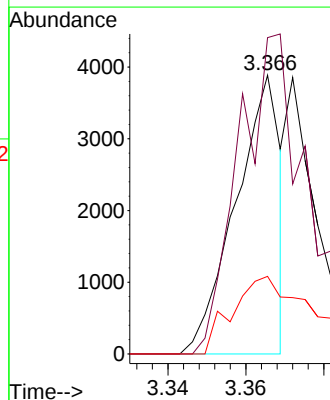
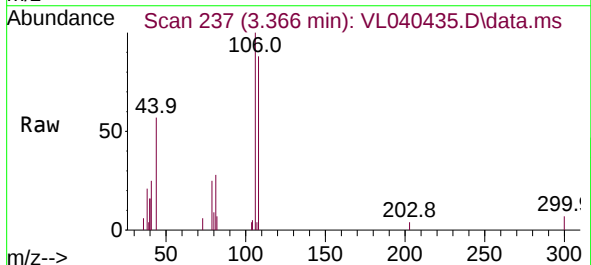
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

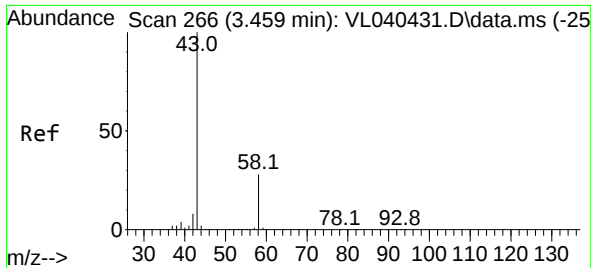
Tgt Ion: 45 Resp: 179
Ion Ratio Lower Upper
45 100
46 17.3 13.2 52.8



#14
Bromoethene
Concen: 0.059 ppbv
RT: 3.366 min Scan# 237
Delta R.T. -0.003 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion: 108 Resp: 3099
Ion Ratio Lower Upper
108 100
106 0.0 89.5 134.3#
79 52.9 16.1 24.1#





#15

Acetone

Concen: 0.210 ppbv

RT: 3.491 min Scan# 21

Delta R.T. 0.023 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_L

ClientSampleId :

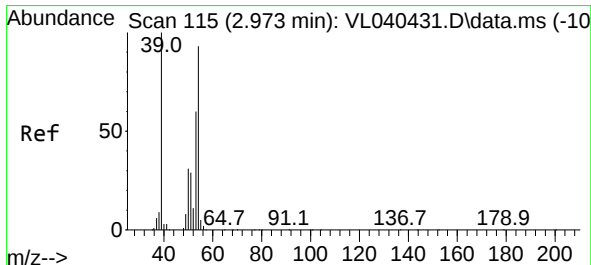
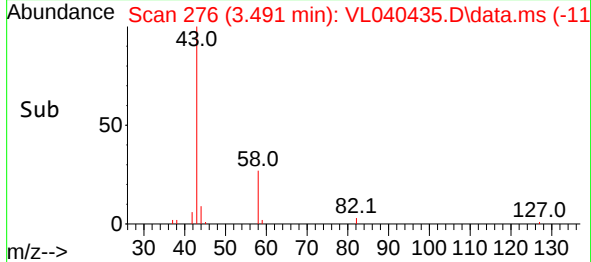
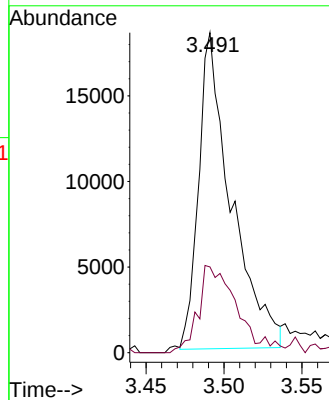
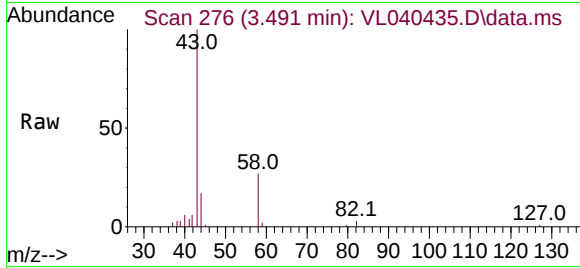
VSTDIC0.1

Tgt Ion: 43 Resp: 26845

Ion Ratio Lower Upper

43 100

58 33.9 22.2 33.4#



#16

1,3-Butadiene

Concen: 0.064 ppbv

RT: 2.980 min Scan# 117

Delta R.T. -0.006 min

Lab File: VL040435.D

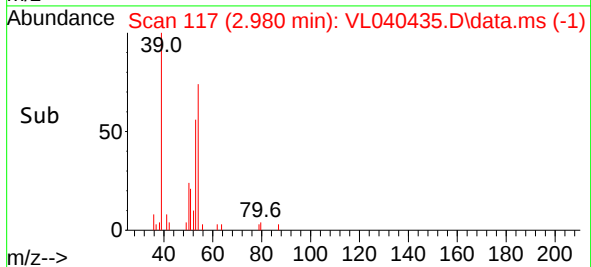
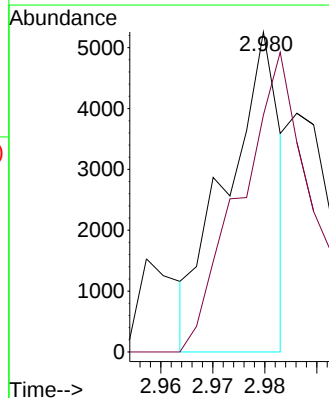
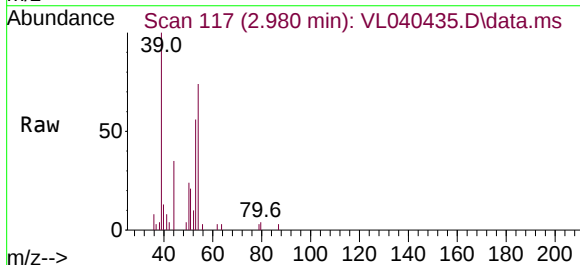
Acq: 16 May 2023 12:14

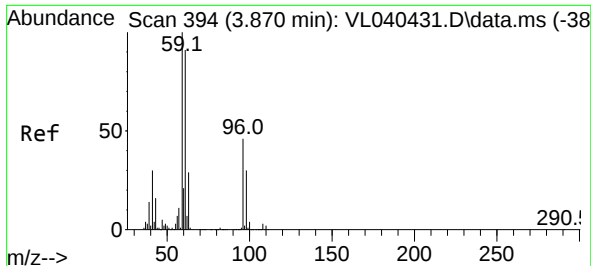
Tgt Ion: 39 Resp: 3725

Ion Ratio Lower Upper

39 100

54 0.0 68.9 103.3#





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.874 min Scan# 394

Delta R.T. -0.006 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_1

ClientSampleId :

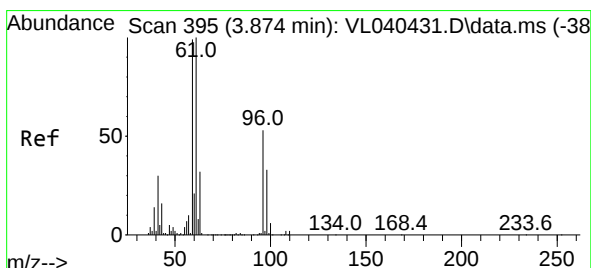
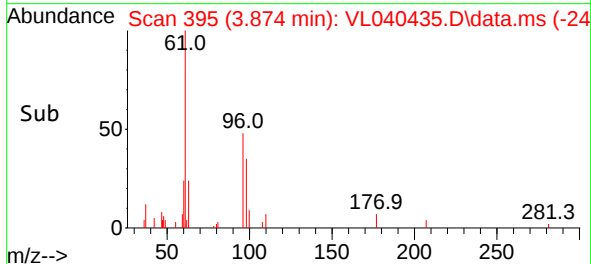
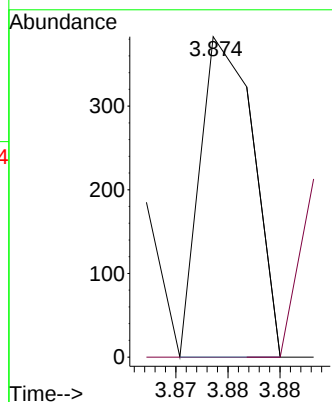
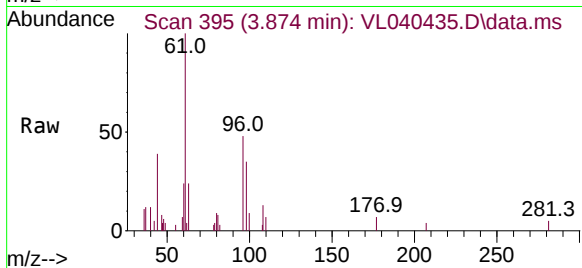
VSTDIC0.1

Tgt Ion: 59 Resp: 136

Ion Ratio Lower Upper

59 100

57 100.0 8.6 12.8#



#18

1,1-Dichloroethene

Concen: 0.062 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.006 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

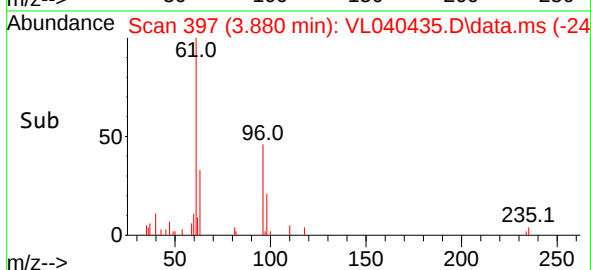
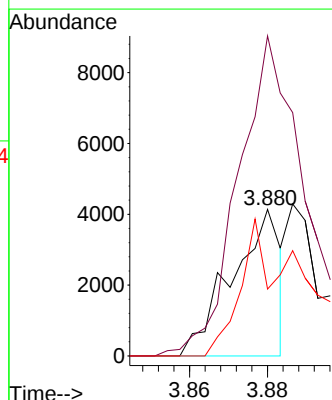
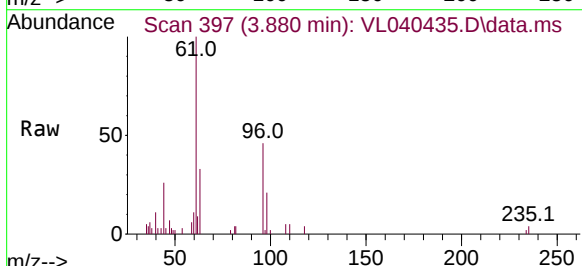
Tgt Ion: 96 Resp: 3576

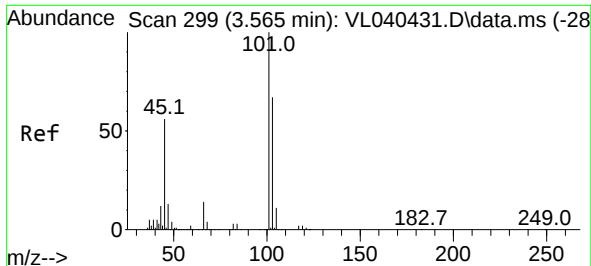
Ion Ratio Lower Upper

96 100

61 232.8 151.8 227.8#

98 45.6 50.5 75.7#





#19

Isopropyl Alcohol

Concen: 0.005 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.003 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_L

ClientSampleId :

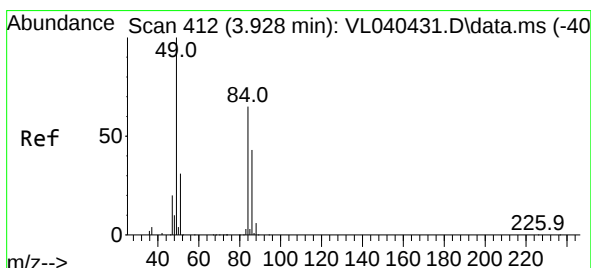
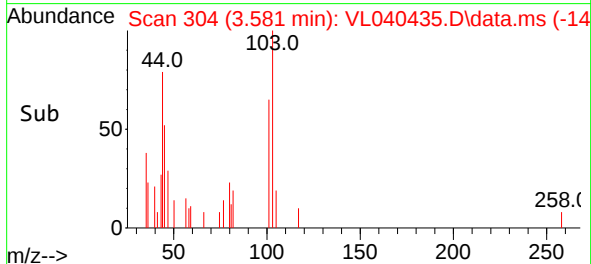
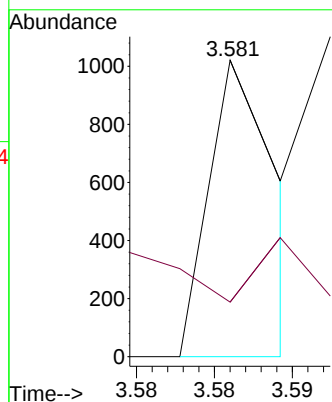
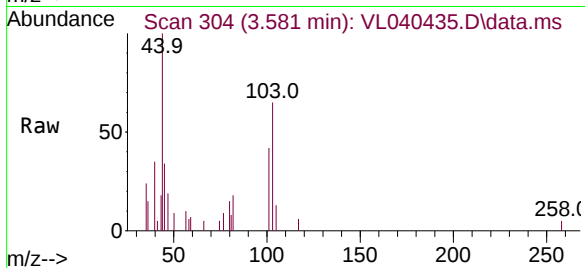
VSTDIC0.1

Tgt Ion: 45 Resp: 314

Ion Ratio Lower Upper

45 100

58 0.0 2.1 3.1#



#20

Methylene Chloride

Concen: 0.243 ppbv

RT: 3.935 min Scan# 414

Delta R.T. -0.003 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Tgt Ion: 84 Resp: 13846

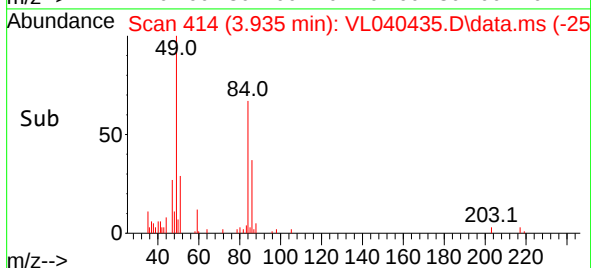
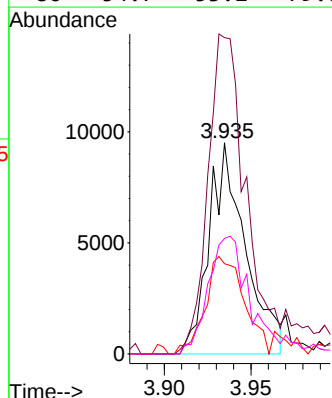
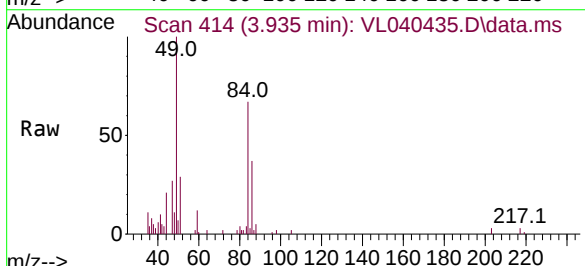
Ion Ratio Lower Upper

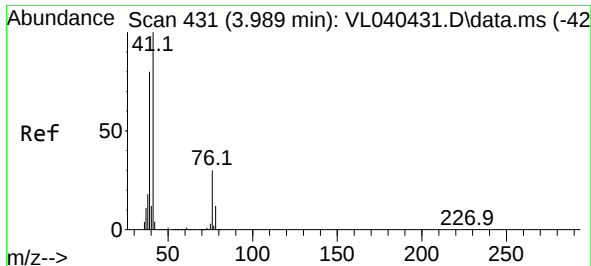
84 100

49 154.8 123.7 185.5

51 38.6 38.6 57.8

86 54.7 53.2 79.8





#21

Allyl Chloride

Concen: 0.108 ppbv

RT: 4.002 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

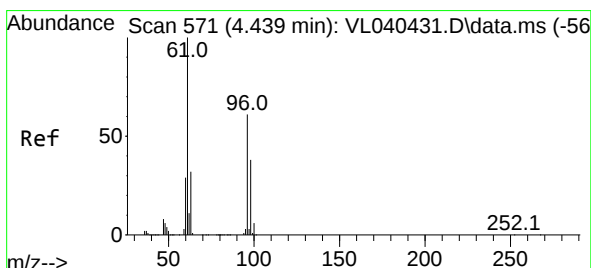
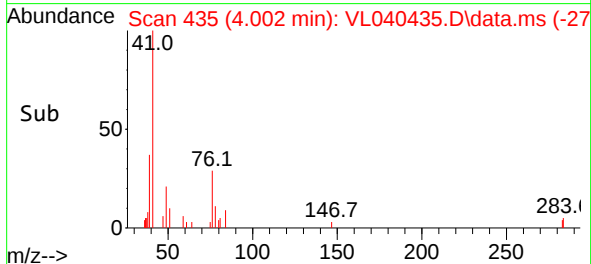
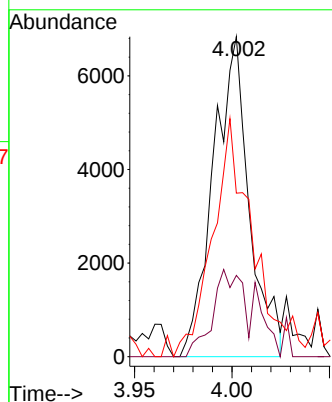
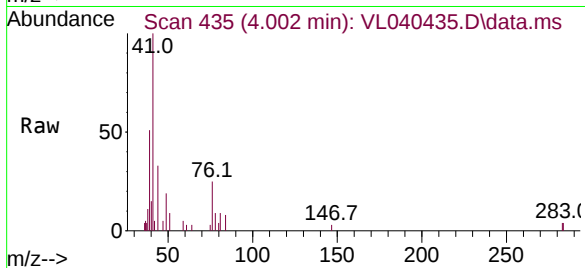
Tgt Ion: 41 Resp: 8776

Ion Ratio Lower Upper

41 100

76 32.4 25.3 37.9

39 88.5 63.5 95.3



#22

trans-1,2-Dichloroethene

Concen: 0.082 ppbv

RT: 4.452 min Scan# 575

Delta R.T. -0.003 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

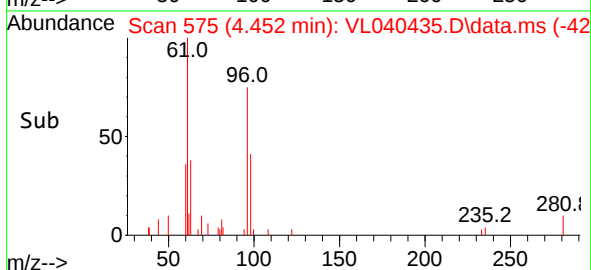
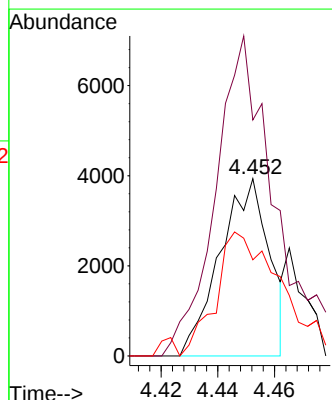
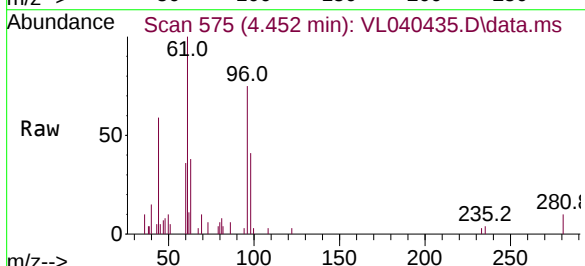
Tgt Ion: 96 Resp: 4730

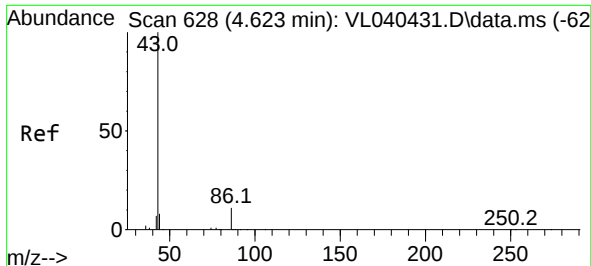
Ion Ratio Lower Upper

96 100

61 113.7 131.8 197.6#

98 54.3 50.1 75.1





#23

Vinyl Acetate

Concen: 0.035 ppbv

RT: 4.626 min Scan# 61

Delta R.T. -0.009 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

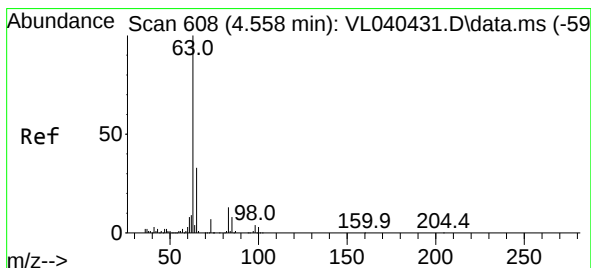
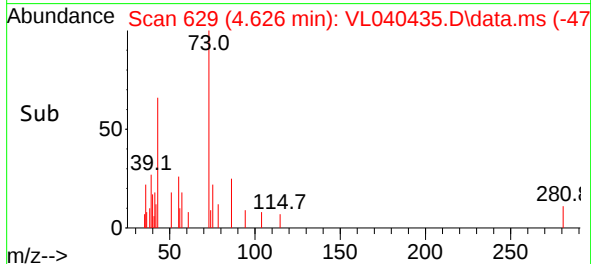
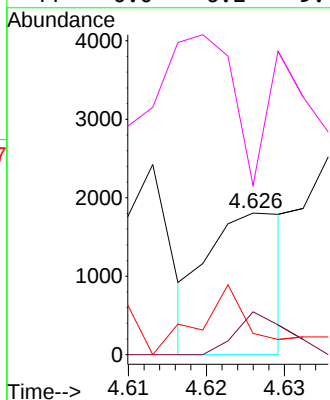
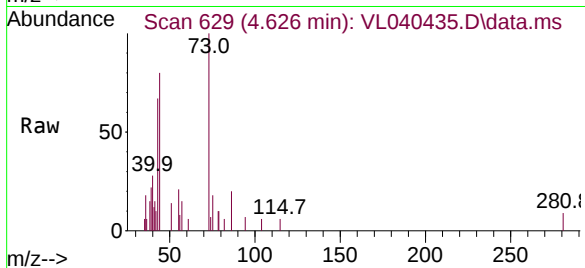
MSVOA_1

ClientSampleId :

VSTDIC0.1

Tgt Ion: 43 Resp: 1238

Ion	Ratio	Lower	Upper
43	100		
86	3412.5	5.4	8.2#
42	481.3	7.8	11.6#
44	0.0	6.2	9.4#



#24

1,1-Dichloroethane

Concen: 0.096 ppbv

RT: 4.565 min Scan# 610

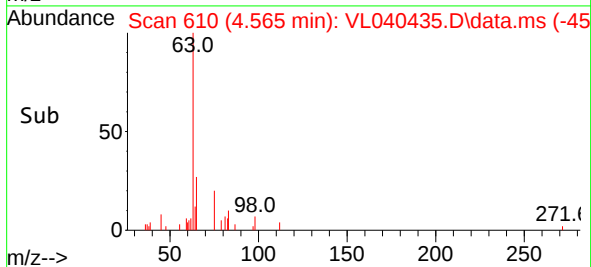
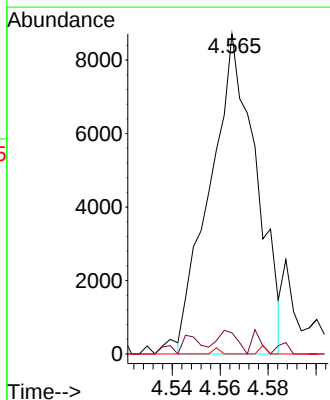
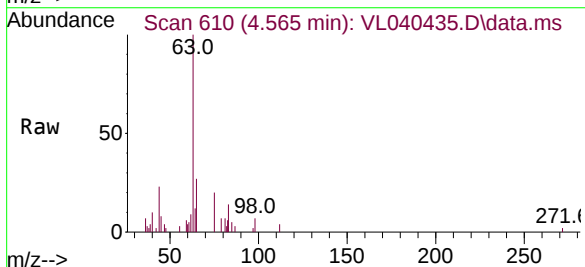
Delta R.T. -0.006 min

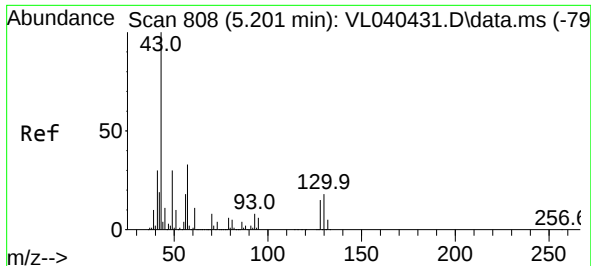
Lab File: VL040435.D

Acq: 16 May 2023 12:14

Tgt Ion: 63 Resp: 11602

Ion	Ratio	Lower	Upper
63	100		
98	6.9	2.0	5.8#
100	0.0	1.4	4.2#





#25

Ethyl Acetate

Concen: 0.090 ppbv

RT: 5.230 min Scan# 817

Delta R.T. 0.016 min

Lab File: VL040435.D

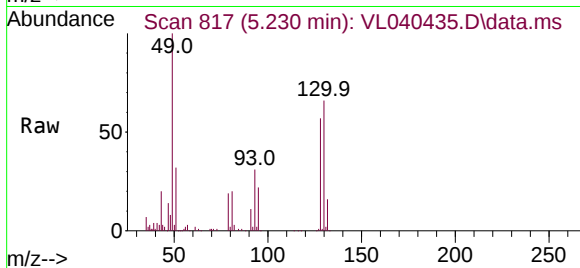
Acq: 16 May 2023 12:14

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.1



Tgt Ion: 43 Resp: 21577

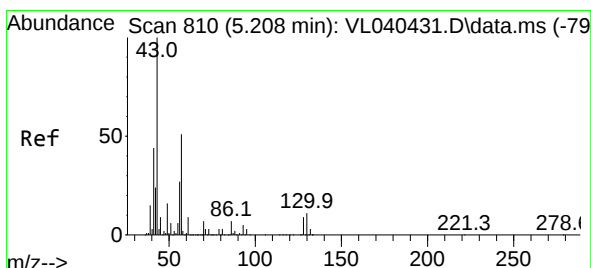
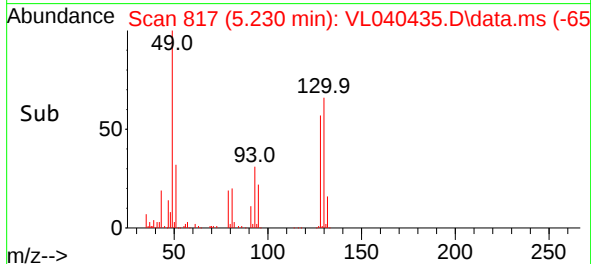
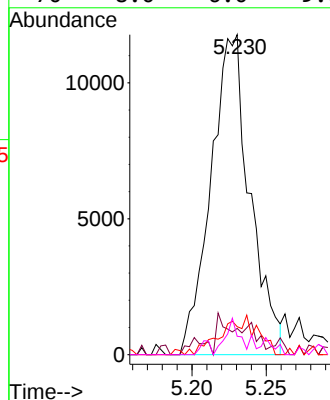
Ion Ratio Lower Upper

43 100

45 14.6 8.6 13.0#

61 11.8 8.6 12.8

70 8.0 6.0 9.0



#26

Hexane

Concen: 0.078 ppbv

RT: 5.218 min Scan# 813

Delta R.T. -0.006 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Tgt Ion: 57 Resp: 7768

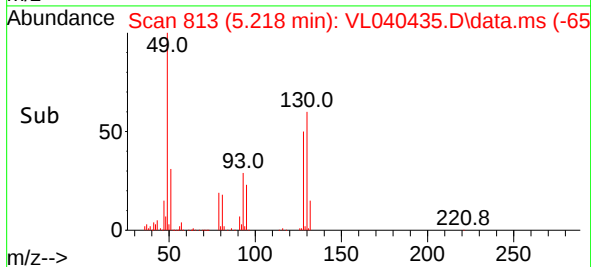
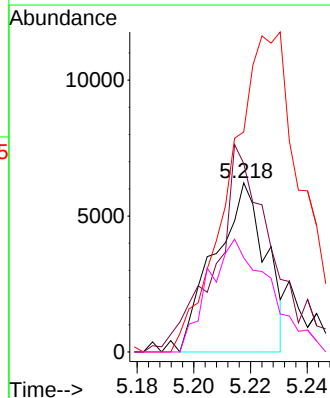
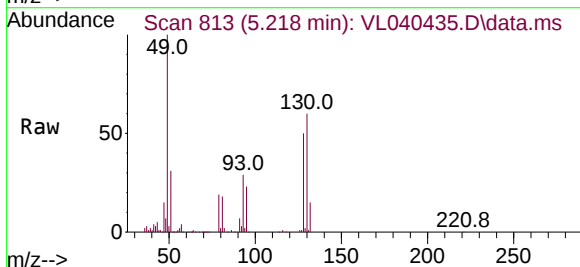
Ion Ratio Lower Upper

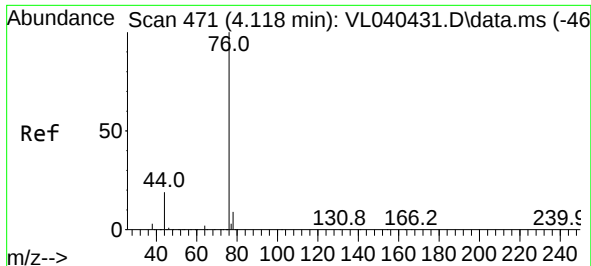
57 100

41 145.6 75.1 112.7#

43 0.0 194.4 291.6#

56 83.8 42.7 64.1#





#27

Carbon Disulfide

Concen: 0.083 ppbv

RT: 4.131 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

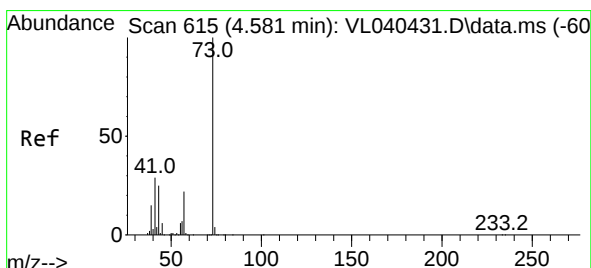
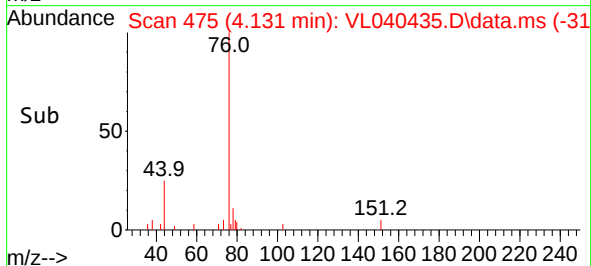
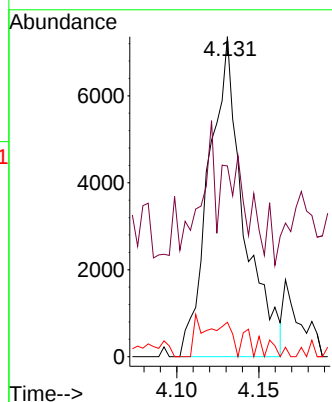
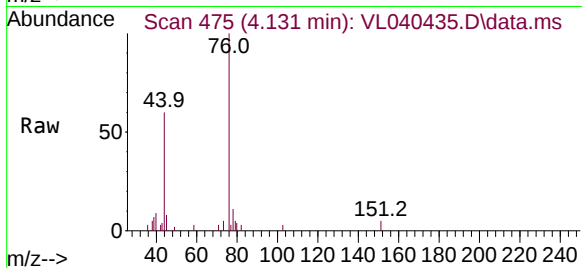
Tgt Ion: 76 Resp: 10821

Ion Ratio Lower Upper

76 100

44 51.9 15.3 22.9#

78 11.7 7.4 11.2#



#28

Methyl tert-Butyl Ether

Concen: 0.018 ppbv

RT: 4.594 min Scan# 619

Delta R.T. 0.000 min

Lab File: VL040435.D

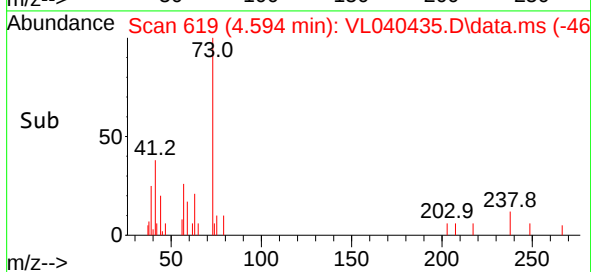
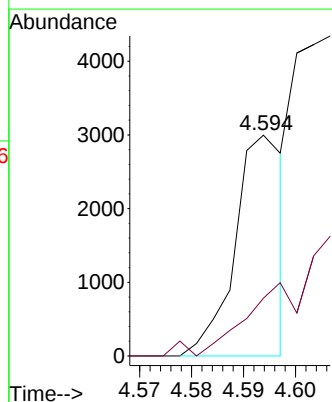
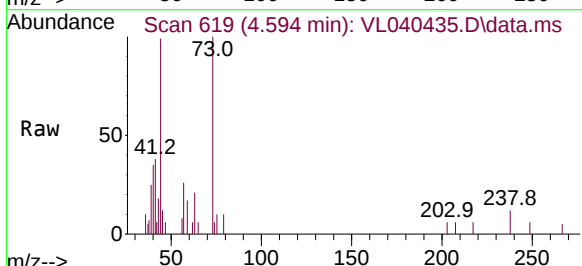
Acq: 16 May 2023 12:14

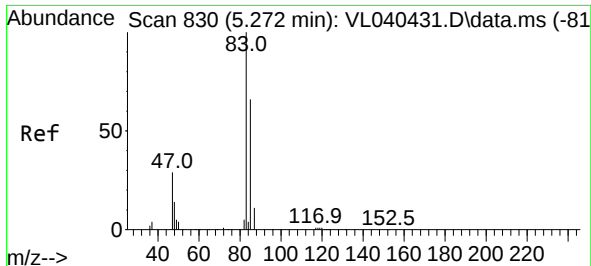
Tgt Ion: 73 Resp: 1947

Ion Ratio Lower Upper

73 100

57 0.0 18.9 28.3#





#29

Chloroform

Concen: 0.009 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_1

ClientSampleId :

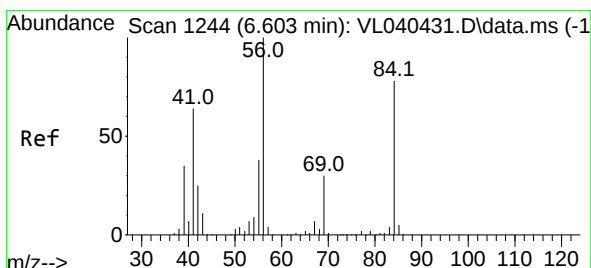
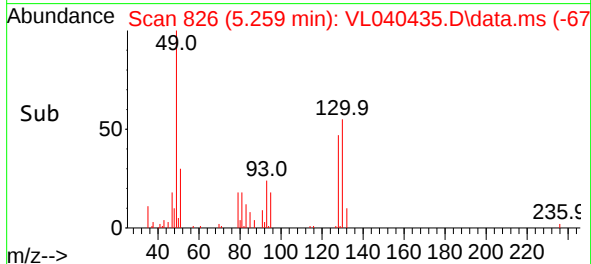
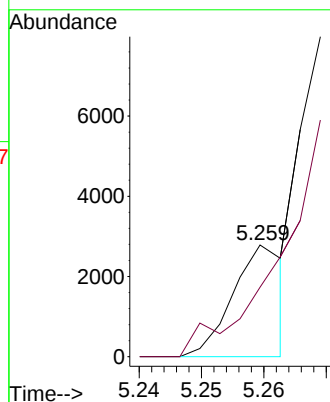
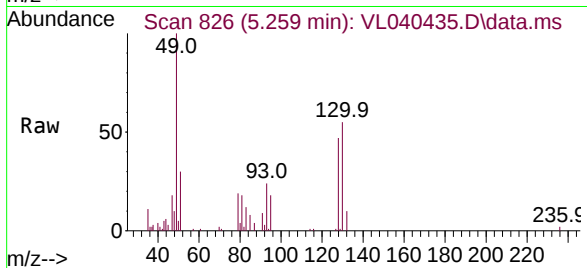
VSTDIC0.1

Tgt Ion: 83 Resp: 1588

Ion Ratio Lower Upper

83 100

85 62.2 52.4 78.6



#30

Cyclohexane

Concen: 0.013 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. -0.006 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

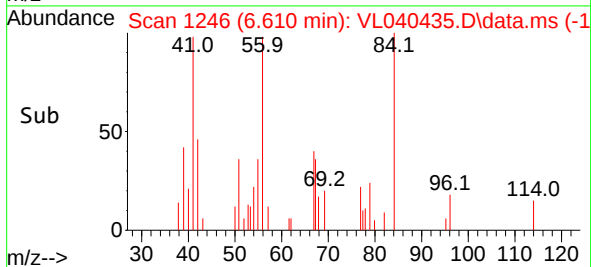
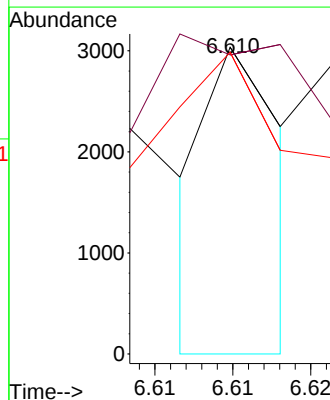
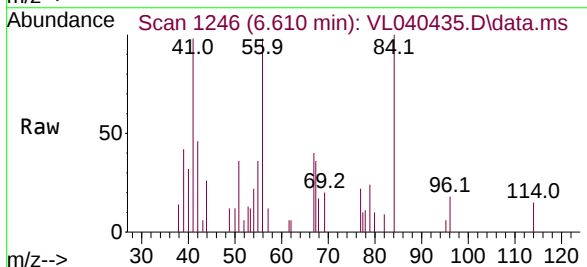
Tgt Ion: 84 Resp: 1020

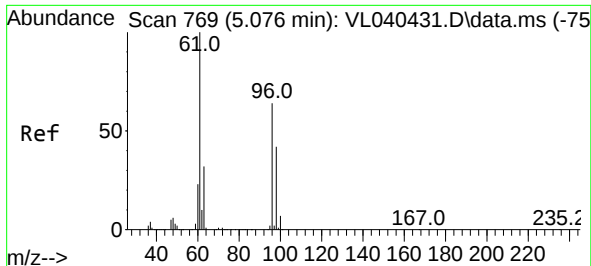
Ion Ratio Lower Upper

84 100

56 0.0 108.2 162.4#

41 625.5 66.9 100.3#

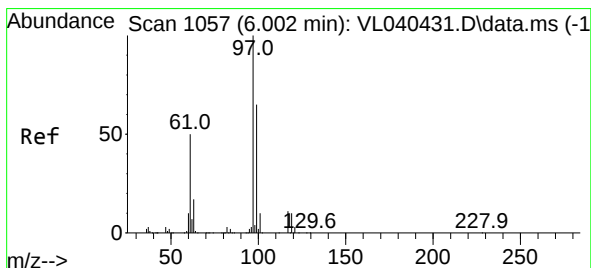
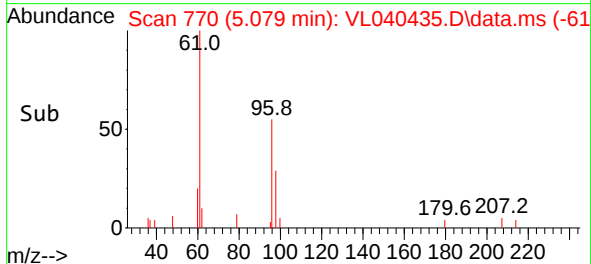
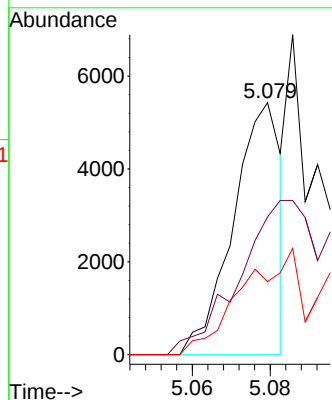
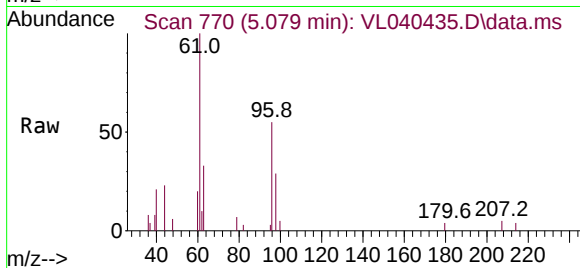




#31
 cis-1,2-Dichloroethene
 Concen: 0.047 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. -0.009 min
 Lab File: VL040435.D
 Acq: 16 May 2023 12:14

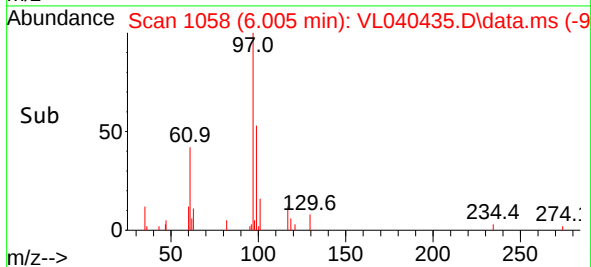
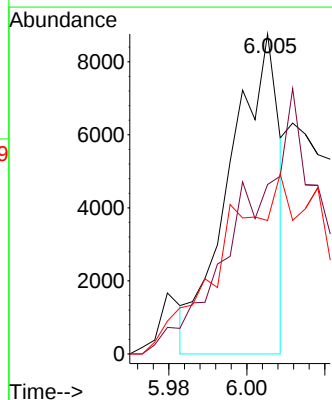
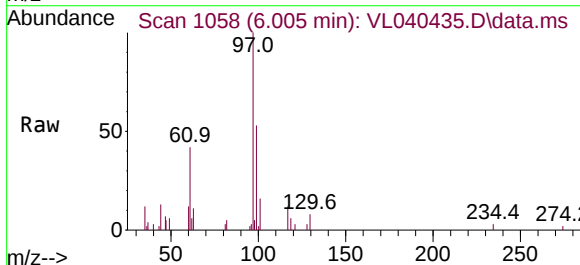
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

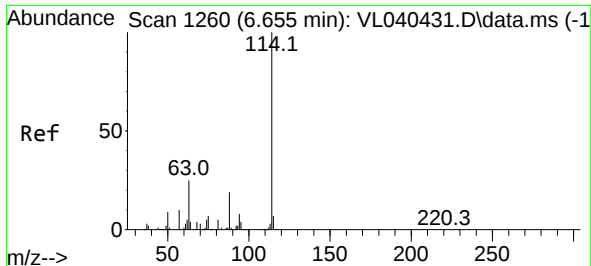
Tgt Ion: 61 Resp: 4624
 Ion Ratio Lower Upper
 61 100
 96 49.2 51.4 77.0#
 98 29.0 33.6 50.4#



#32
 1,1,1-Trichloroethane
 Concen: 0.041 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.009 min
 Lab File: VL040435.D
 Acq: 16 May 2023 12:14

Tgt Ion: 97 Resp: 7729
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.2 78.2#
 61 0.0 40.2 60.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 114

Delta R.T. -0.009 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

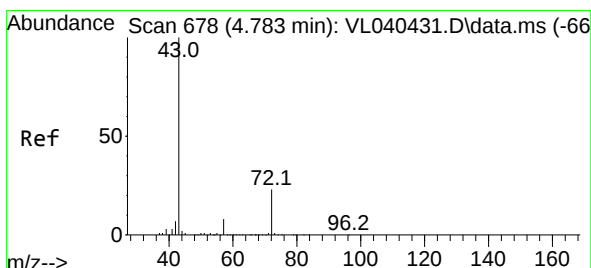
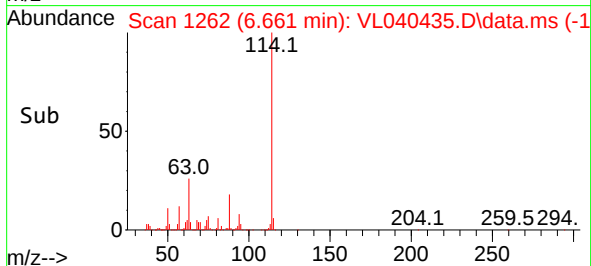
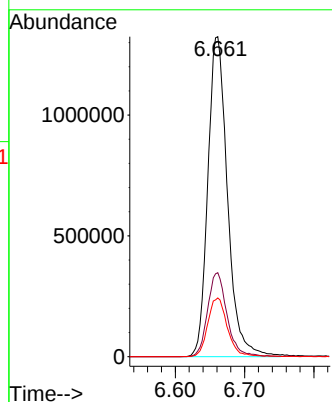
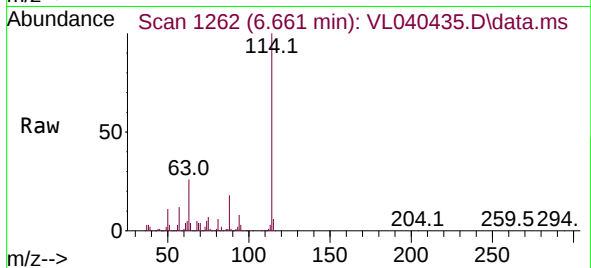
Tgt Ion:114 Resp: 2602494

Ion Ratio Lower Upper

114 100

63 26.2 21.0 31.6

88 18.5 14.6 22.0



#34

2-Butanone

Concen: 0.090 ppbv

RT: 4.816 min Scan# 688

Delta R.T. 0.019 min

Lab File: VL040435.D

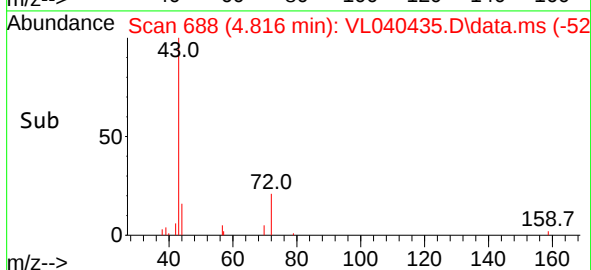
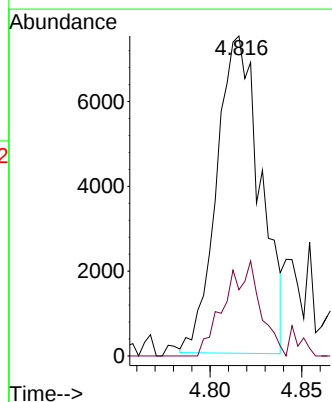
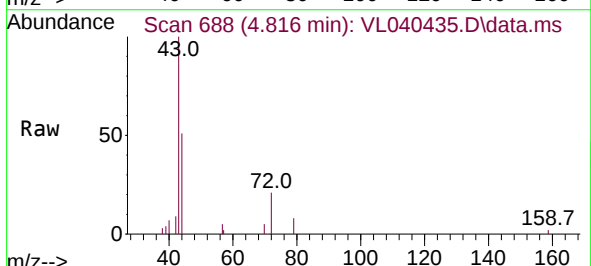
Acq: 16 May 2023 12:14

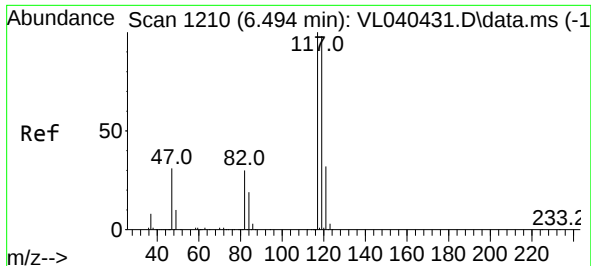
Tgt Ion: 43 Resp: 12413

Ion Ratio Lower Upper

43 100

72 27.1 18.3 27.5

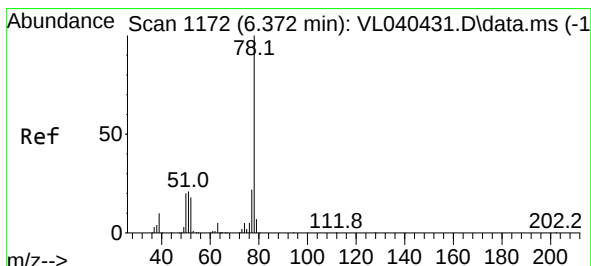
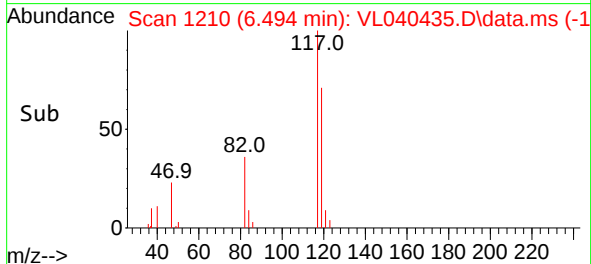
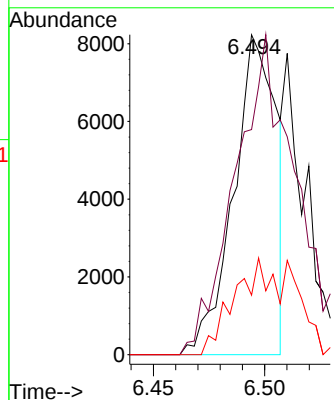
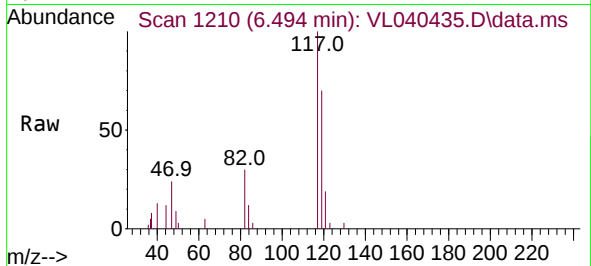




#35
Carbon Tetrachloride
Concen: 0.058 ppbv
RT: 6.494 min Scan# 1172
Delta R.T. -0.016 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

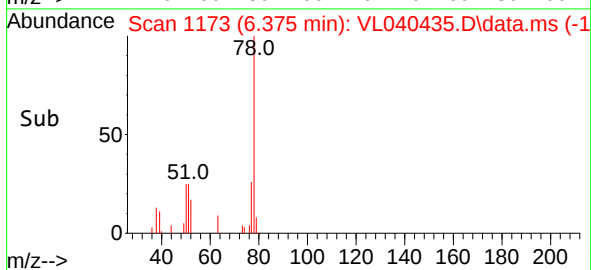
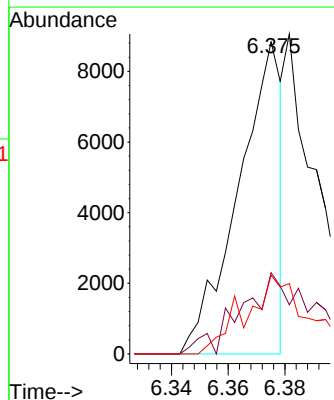
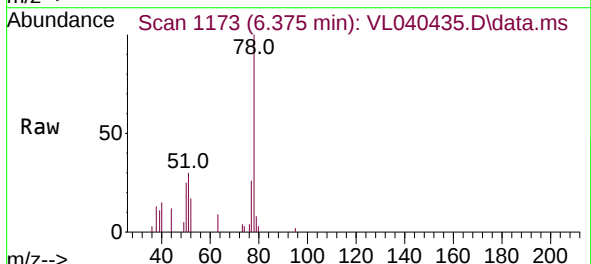
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

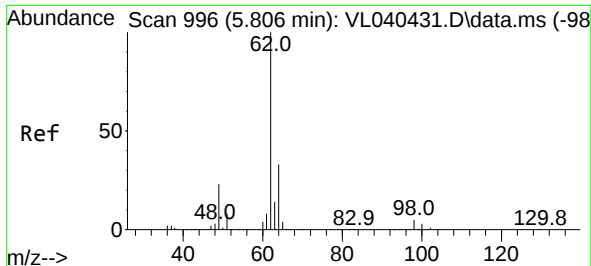
Tgt Ion:117 Resp: 10903
Ion Ratio Lower Upper
117 100
119 70.4 78.0 117.0#
121 18.6 25.2 37.8#



#36
Benzene
Concen: 0.044 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.009 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion: 78 Resp: 9333
Ion Ratio Lower Upper
78 100
77 27.1 17.7 26.5#
50 26.2 15.8 23.8#

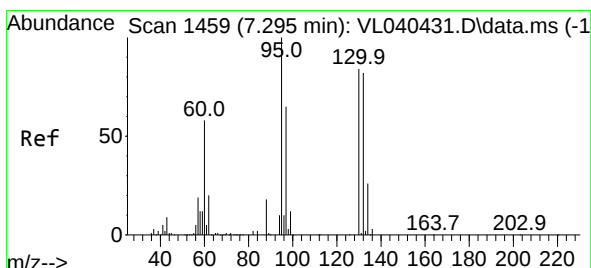
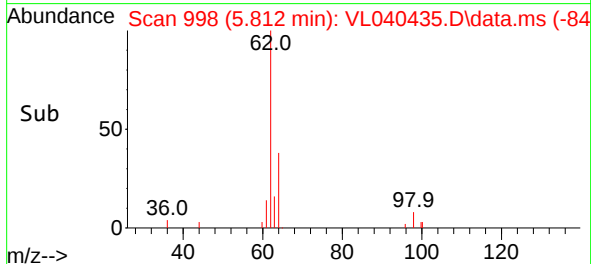
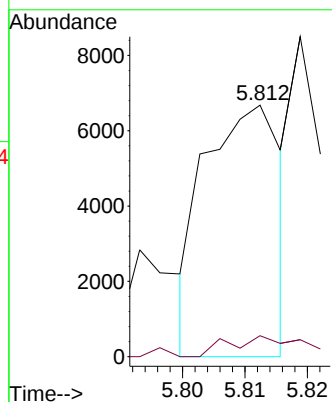
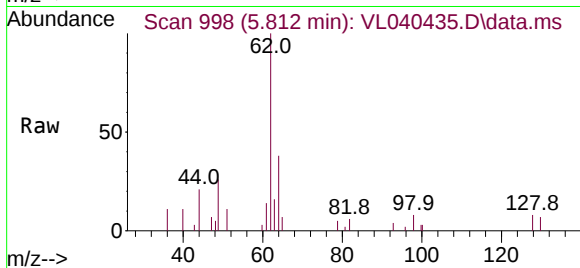




#37
1,2-Dichloroethane
Concen: 0.041 ppbv
RT: 5.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

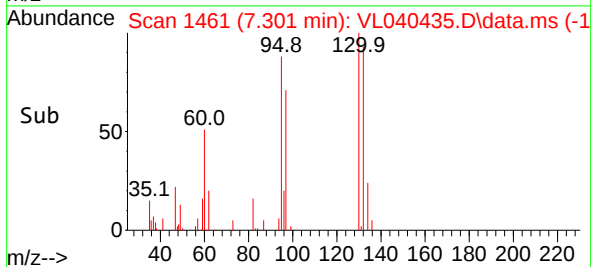
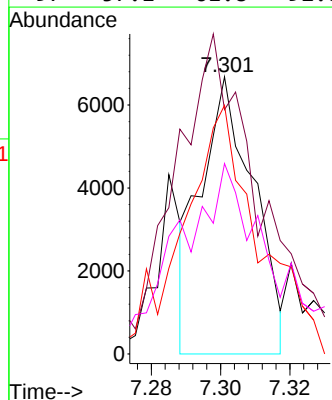
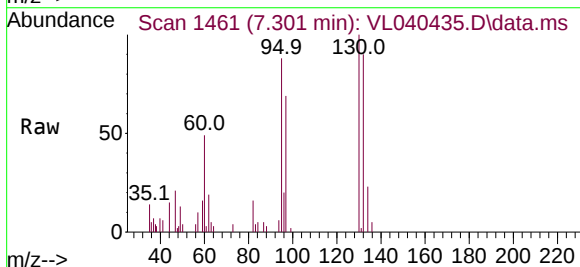
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

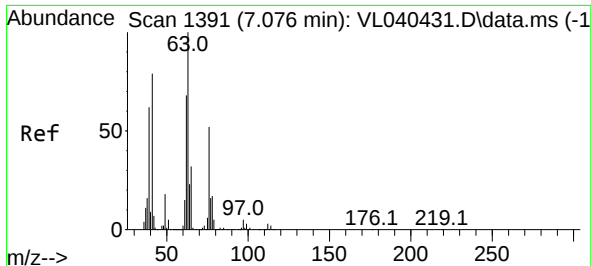
Tgt Ion: 62 Resp: 5661
Ion Ratio Lower Upper
62 100
98 10.0 4.5 6.7#



#38
Trichloroethene
Concen: 0.054 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.009 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion:130 Resp: 7060
Ion Ratio Lower Upper
130 100
95 55.9 94.8 142.2#
132 67.4 78.2 117.4#
97 57.1 61.8 92.8#





#39

1,2-Dichloropropane

Concen: 8.138 ppbv

RT: 6.661 min Scan# 11

Delta R.T. -0.427 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

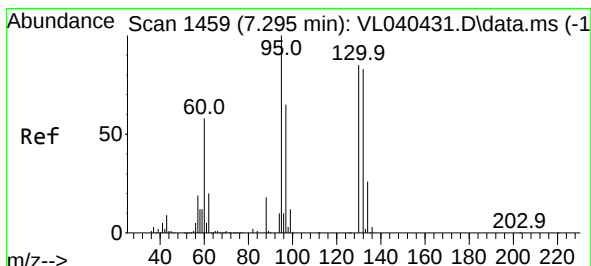
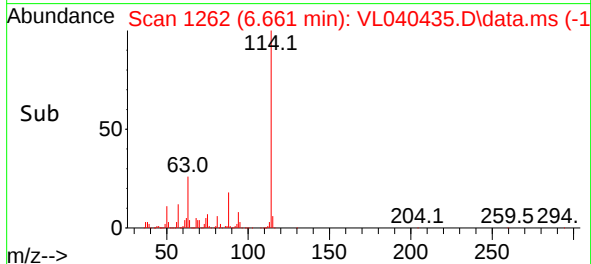
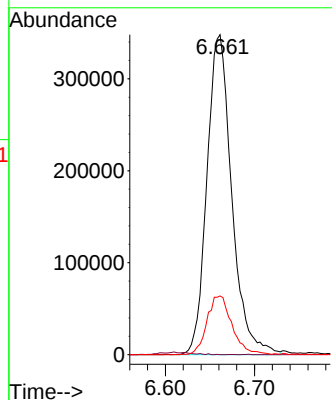
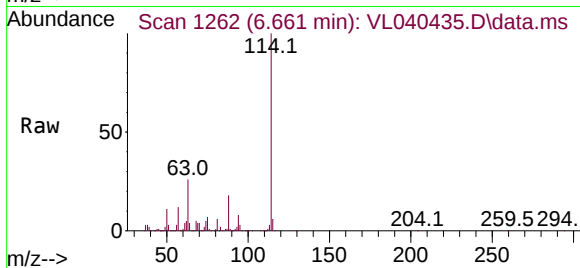
Tgt Ion: 63 Resp: 673848

Ion Ratio Lower Upper

63 100

41 0.0 63.3 94.9#

62 18.3 54.2 81.4#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Tgt Ion: 88 Resp: 94

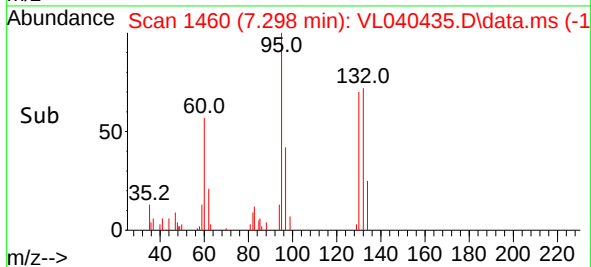
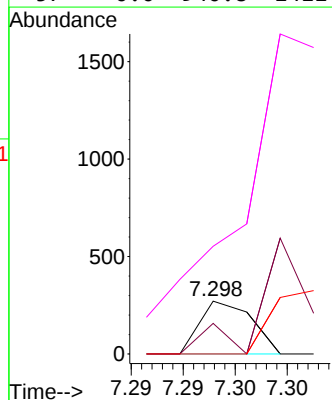
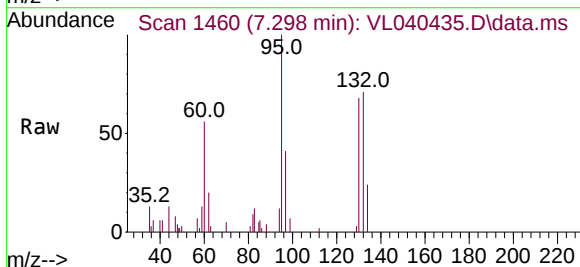
Ion Ratio Lower Upper

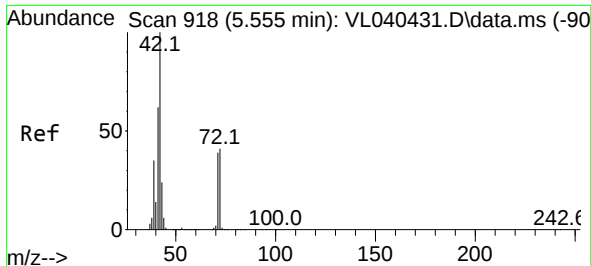
88 100

58 0.0 101.5 152.3#

43 0.0 211.7 317.5#

57 0.0 940.8 1411.2#





#41

Tetrahydrofuran

Concen: 0.010 ppbv

RT: 5.584 min Scan# 91

Delta R.T. 0.016 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1

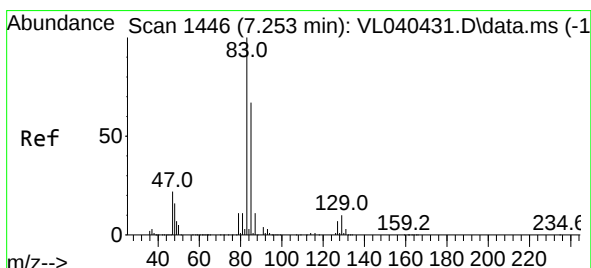
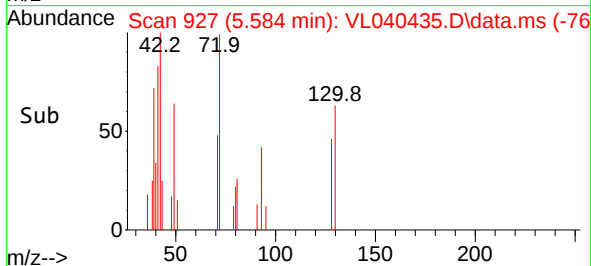
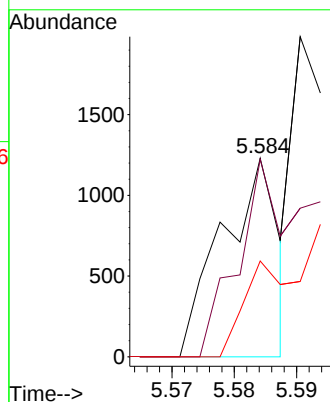
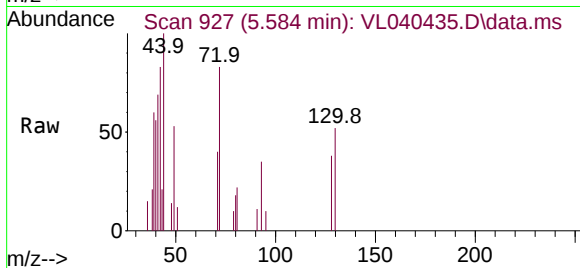
Tgt Ion: 42 Resp: 767

Ion Ratio Lower Upper

42 100

72 0.0 33.0 49.4#

71 0.0 32.2 48.2#



#42

Bromodichloromethane

Concen: 0.044 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. -0.009 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

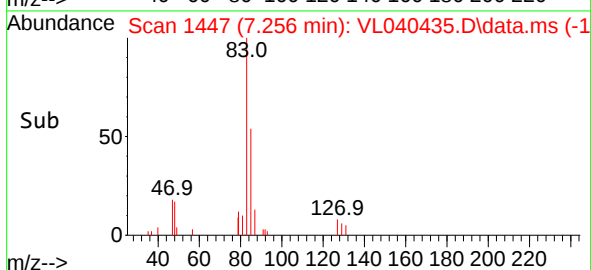
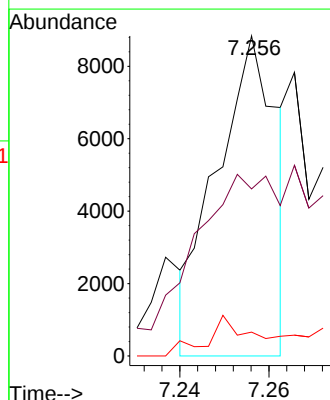
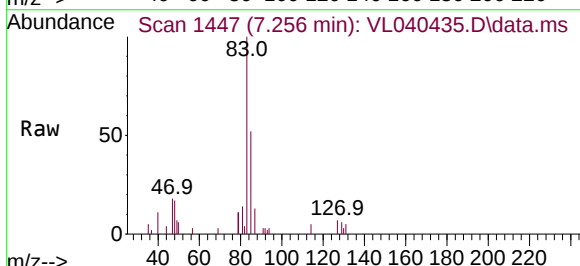
Tgt Ion: 83 Resp: 8263

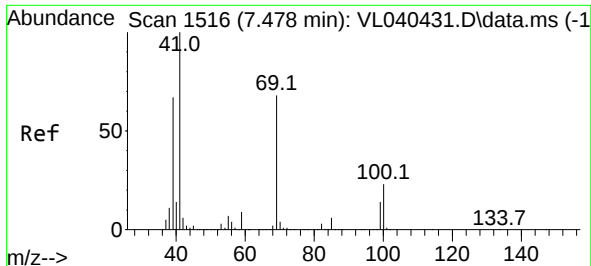
Ion Ratio Lower Upper

83 100

85 40.1 53.6 80.4#

127 3.7 5.9 8.9#

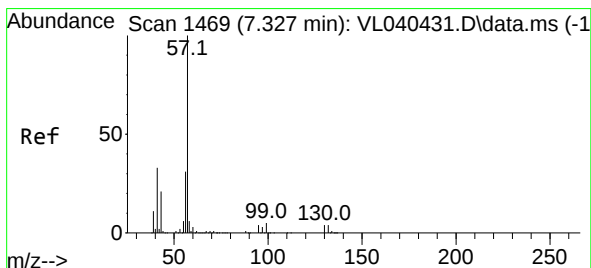
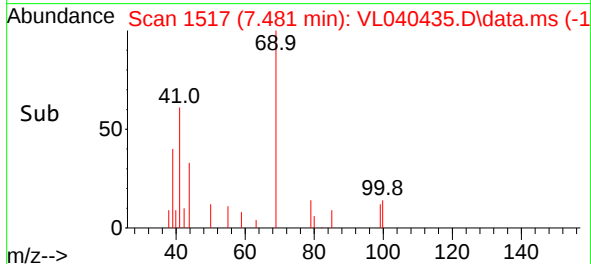
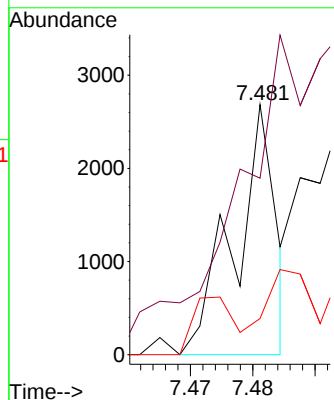
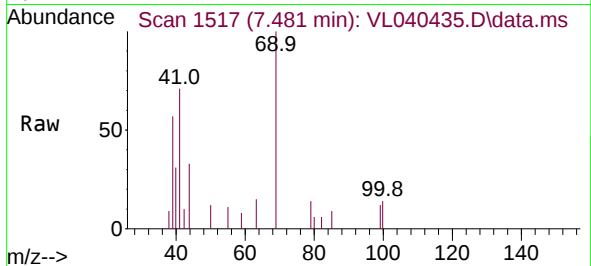




#43
Methyl Methacrylate
Concen: 0.016 ppbv
RT: 7.481 min Scan# 11
Delta R.T. -0.009 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

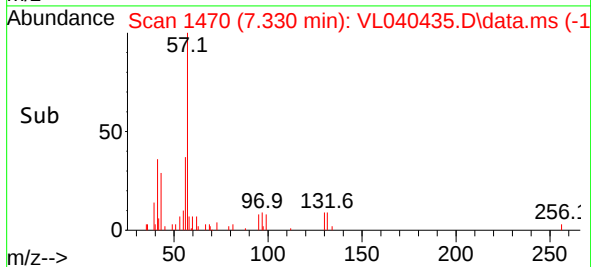
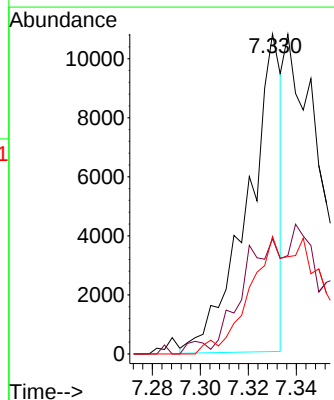
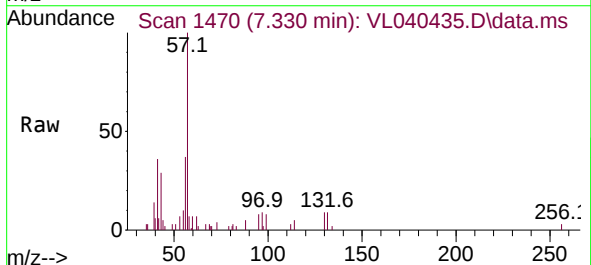
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

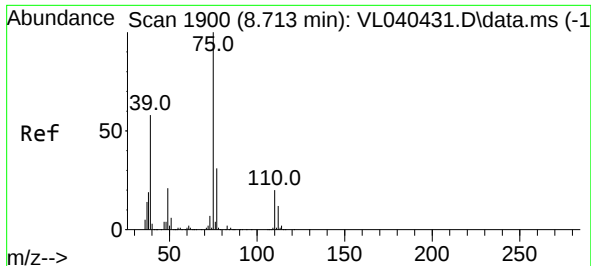
Tgt Ion: 69 Resp: 1233
Ion Ratio Lower Upper
69 100
41 0.0 114.8 172.2#
100 0.0 25.4 38.0#



#44
2,2,4-Trimethylpentane
Concen: 0.030 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.013 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion: 57 Resp: 10533
Ion Ratio Lower Upper
57 100
41 0.0 27.0 40.4#
56 81.5 25.0 37.4#

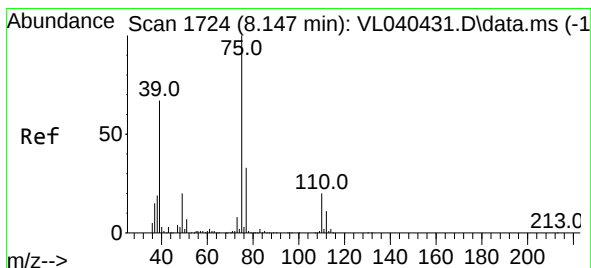
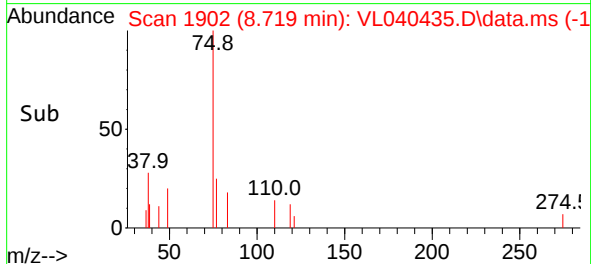
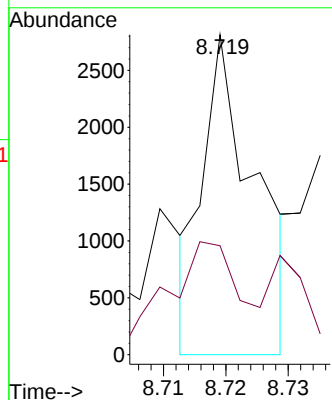
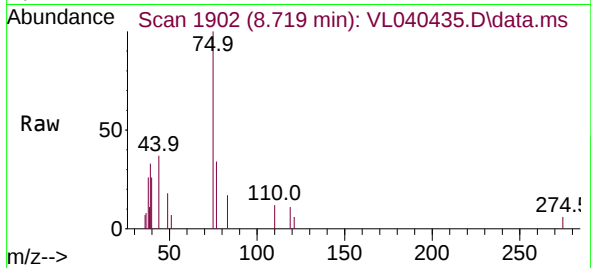




#45
t-1,3-Dichloropropene
Concen: 0.024 ppbv
RT: 8.719 min Scan# 1902
Delta R.T. -0.009 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

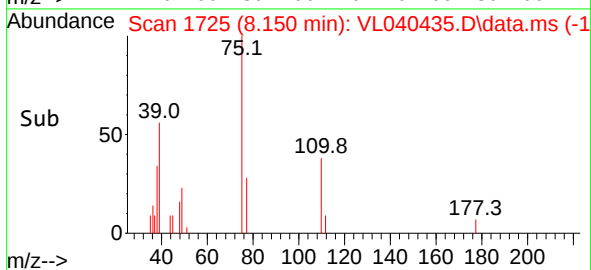
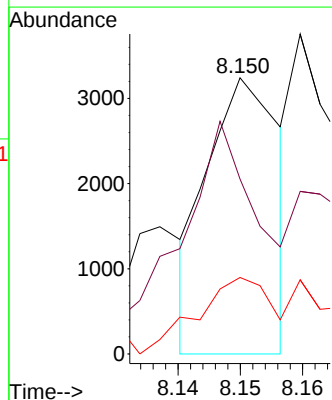
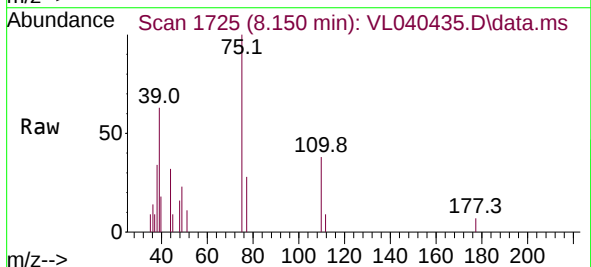
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

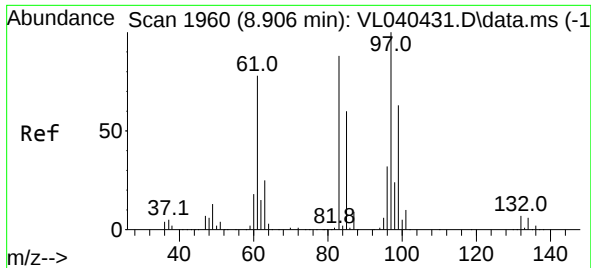
Tgt Ion: 75 Resp: 1638
Ion Ratio Lower Upper
75 100
77 34.0 25.0 37.6



#46
cis-1,3-Dichloropropene
Concen: 0.027 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. -0.013 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion: 75 Resp: 2589
Ion Ratio Lower Upper
75 100
39 73.2 53.8 80.8
77 26.2 26.3 39.5#





#47

1,1,2-Trichloroethane

Concen: 0.064 ppbv

RT: 8.909 min Scan# 1961

Delta R.T. -0.013 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Tgt Ion: 97 Resp: 5793

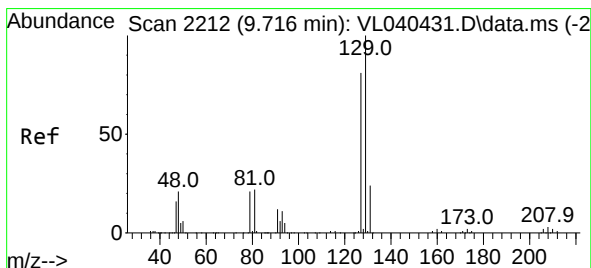
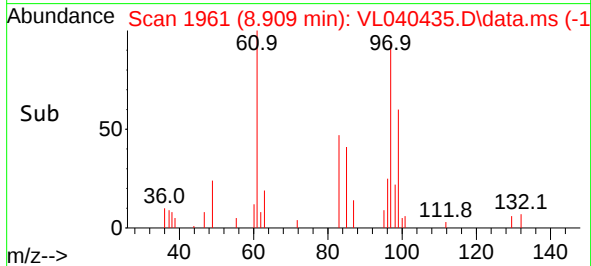
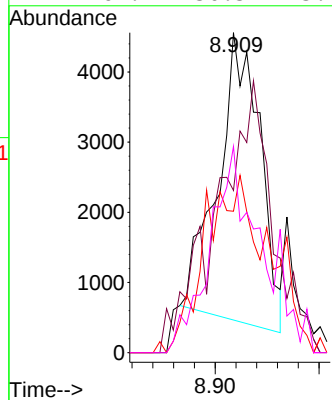
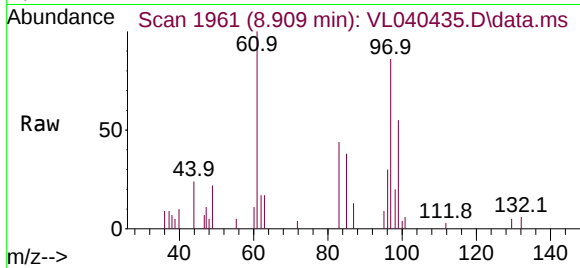
Ion Ratio Lower Upper

97 100

83 37.1 70.3 105.5#

85 40.8 47.7 71.5#

99 61.7 50.5 75.7



#48

Dibromochloromethane

Concen: 0.044 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. -0.013 min

Lab File: VL040435.D

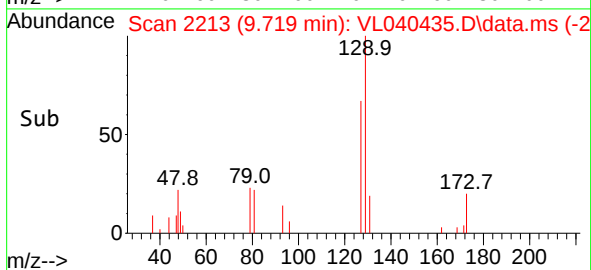
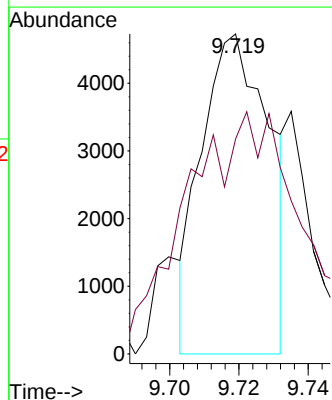
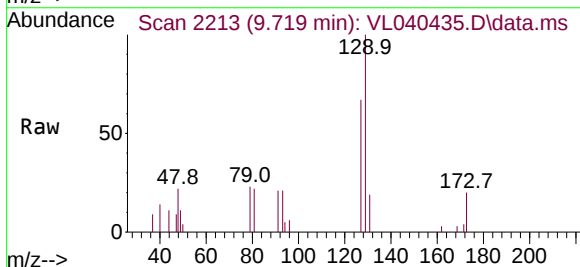
Acq: 16 May 2023 12:14

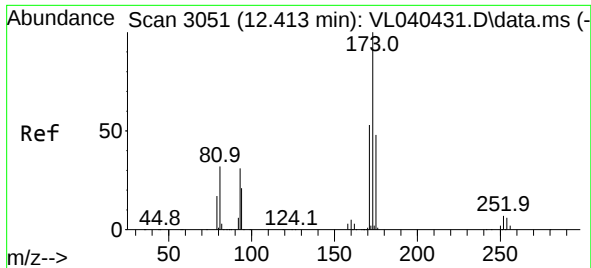
Tgt Ion: 129 Resp: 6410

Ion Ratio Lower Upper

129 100

127 133.6 39.2 117.6#





#49

Bromoform

Concen: 0.008 ppbv

RT: 12.407 min Scan# 3051

Delta R.T. -0.026 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

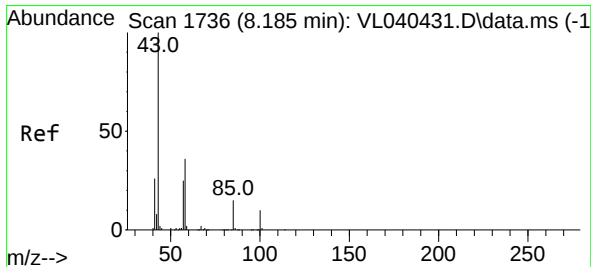
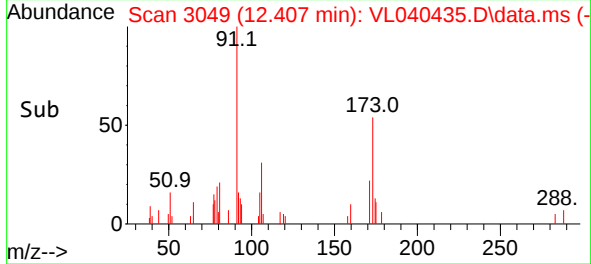
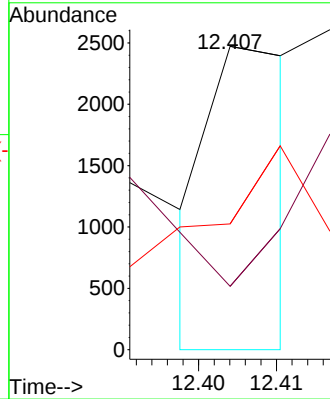
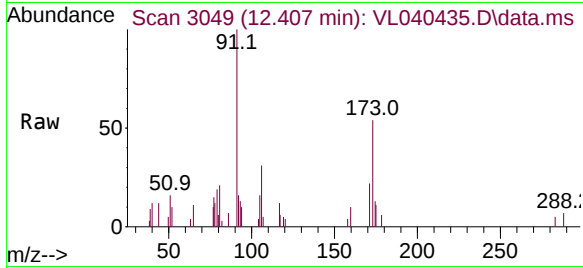
Tgt Ion:173 Resp: 940

Ion Ratio Lower Upper

173 100

175 338.1 39.4 59.2#

171 0.0 42.0 63.0#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. -0.019 min

Lab File: VL040435.D

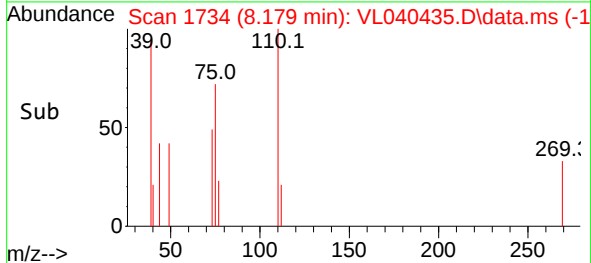
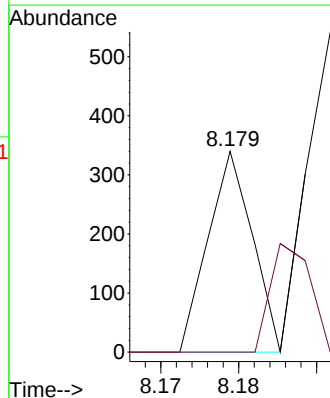
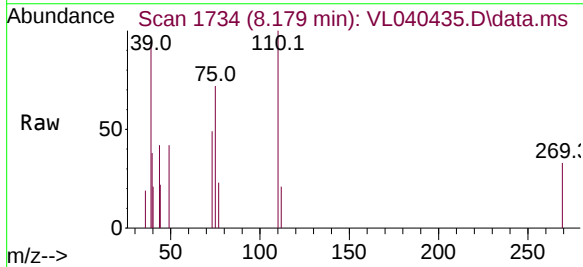
Acq: 16 May 2023 12:14

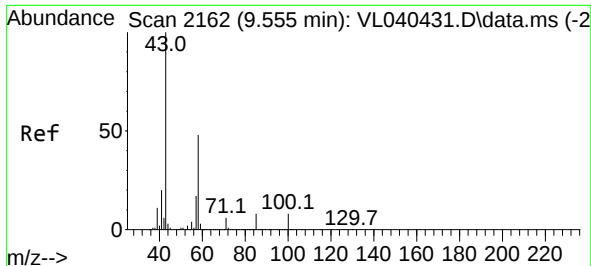
Tgt Ion: 43 Resp: 134

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#

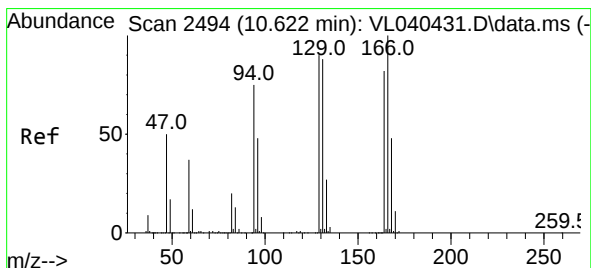
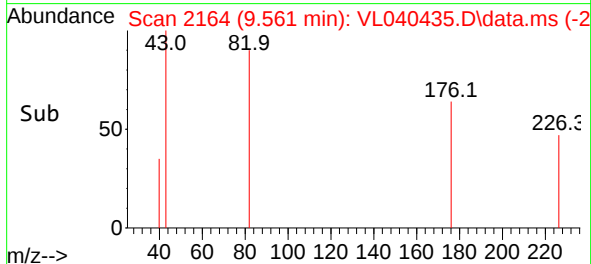
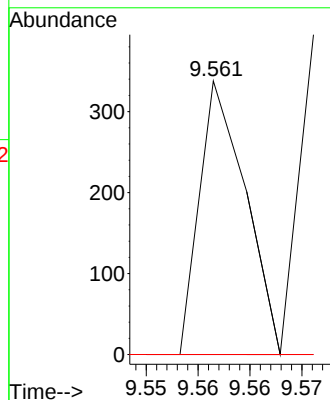
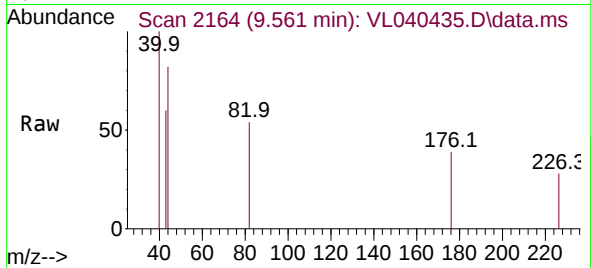




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.561 min Scan# 2164
Delta R.T. -0.006 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

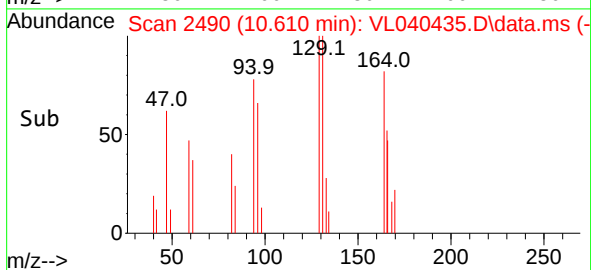
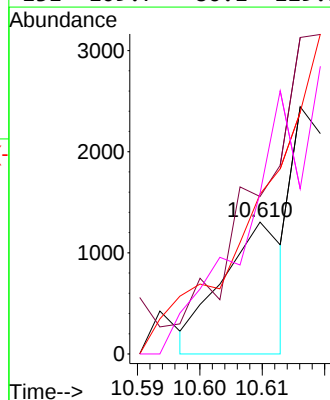
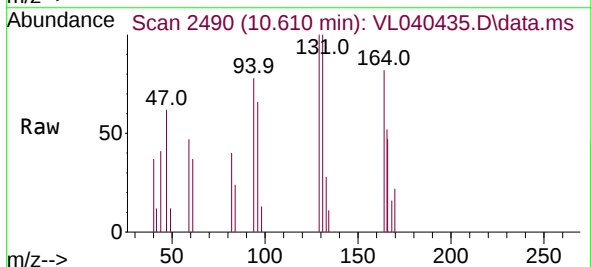
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

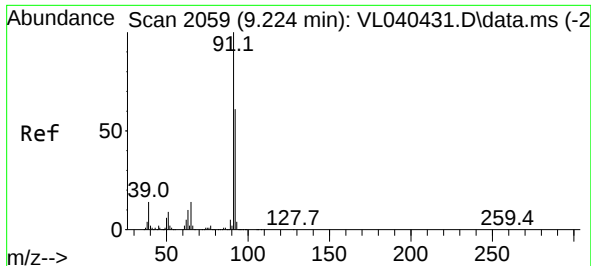
Tgt Ion: 43 Resp: 104
Ion Ratio Lower Upper
43 100
58 0.0 38.5 57.7#
98 0.0 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.012 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.029 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion: 164 Resp: 879
Ion Ratio Lower Upper
164 100
166 116.7 97.8 146.6
129 93.6 88.4 132.6
131 109.7 86.1 129.1

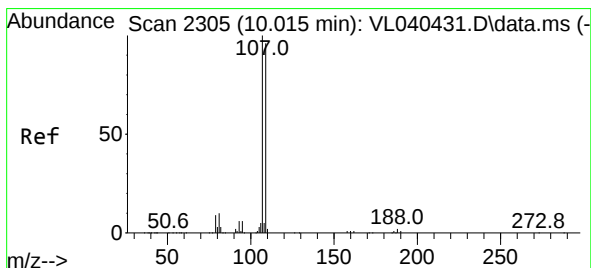
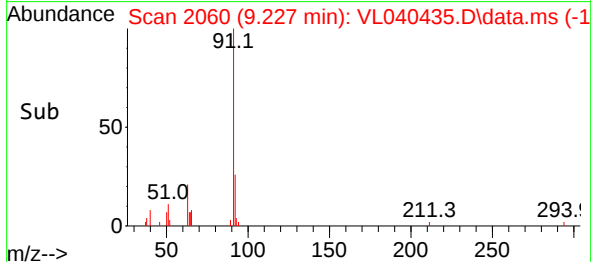
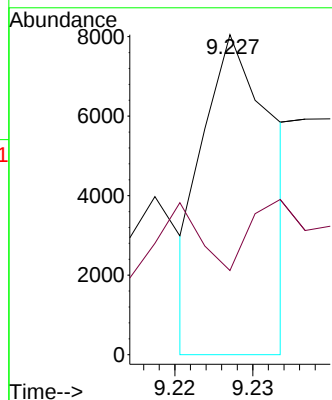
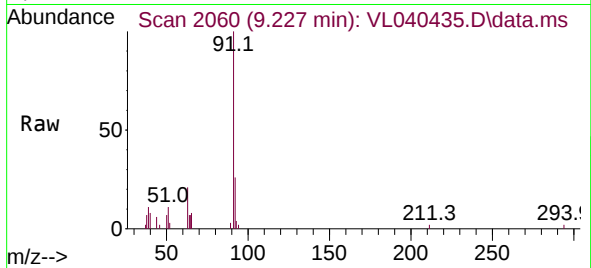




#53
Toluene
Concen: 0.022 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. -0.016 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

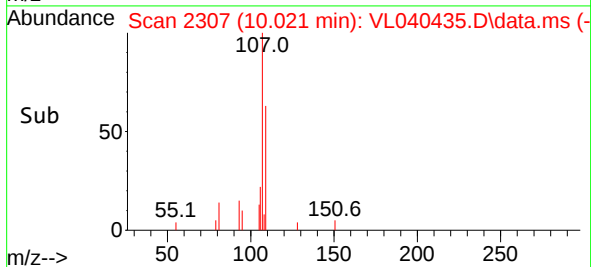
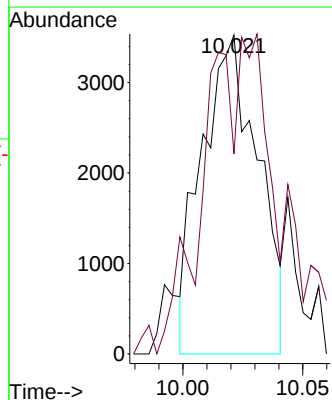
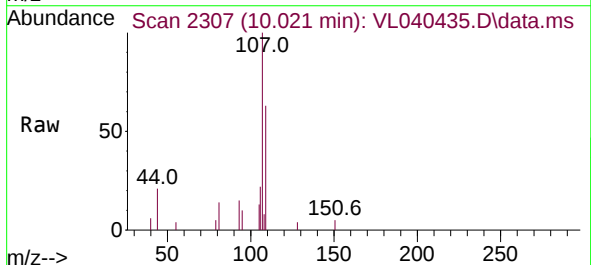
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

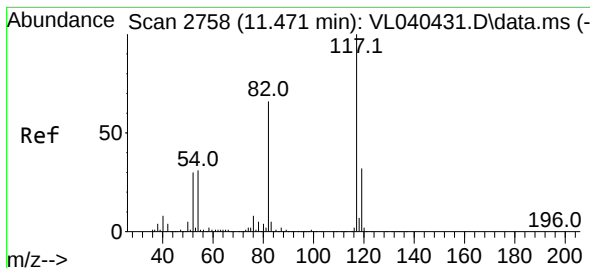
Tgt Ion: 91 Resp: 5008
Ion Ratio Lower Upper
91 100
92 0.0 49.1 73.7#



#54
1,2-Dibromoethane
Concen: 0.064 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. -0.009 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion: 107 Resp: 5763
Ion Ratio Lower Upper
107 100
109 41.5 76.7 115.1#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 21

Delta R.T. -0.009 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

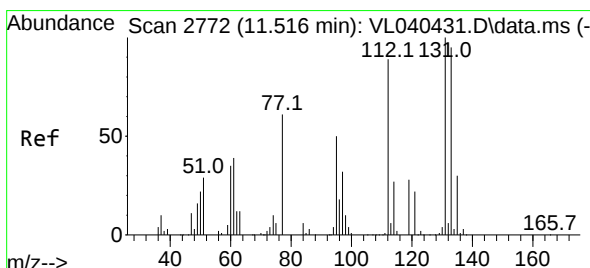
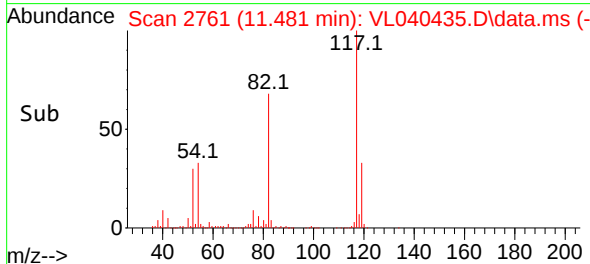
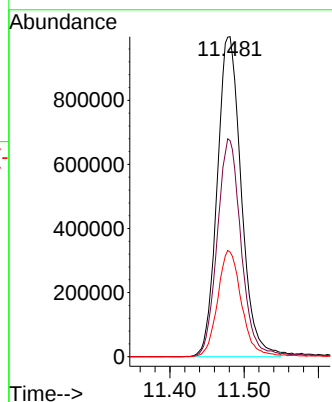
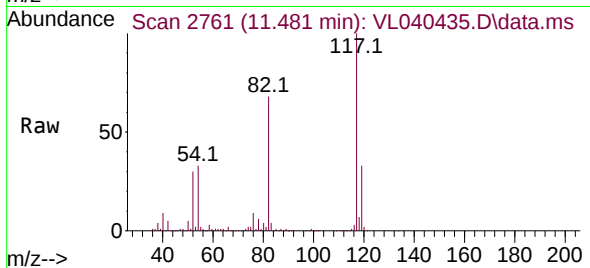
Tgt Ion:117 Resp: 2241967

Ion Ratio Lower Upper

117 100

82 69.2 52.5 78.7

119 33.3 24.0 36.0



#56

1,1,1,2-Tetrachloroethane

Concen: 0.064 ppbv

RT: 11.523 min Scan# 2774

Delta R.T. -0.006 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

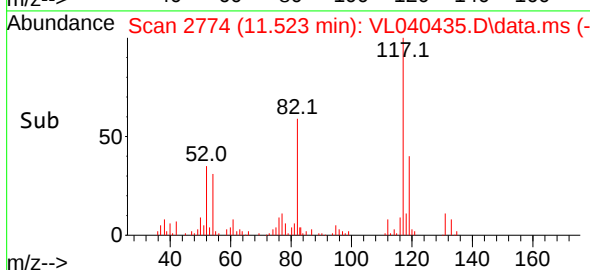
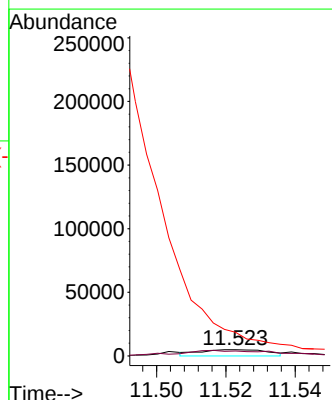
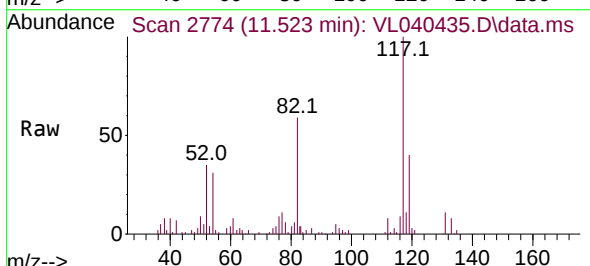
Tgt Ion:131 Resp: 6676

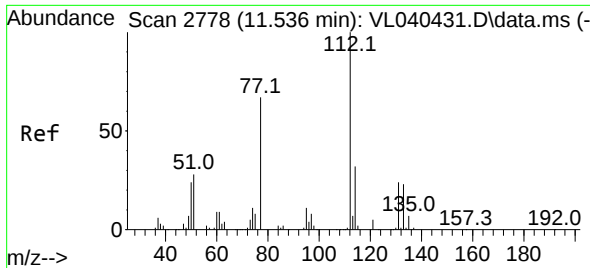
Ion Ratio Lower Upper

131 100

133 143.6 75.8 113.8#

119 0.0 48.7 73.1#

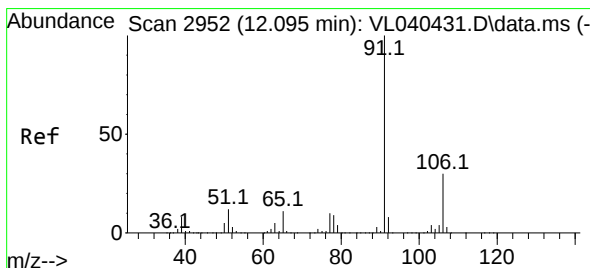
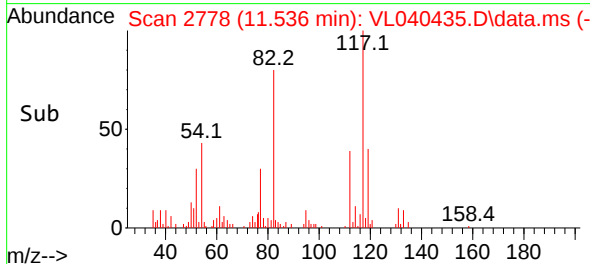
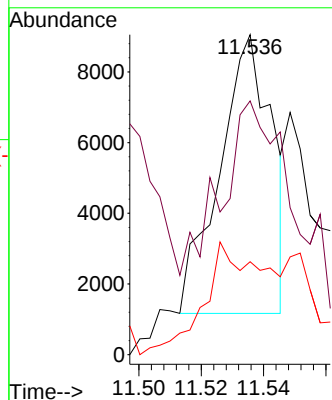
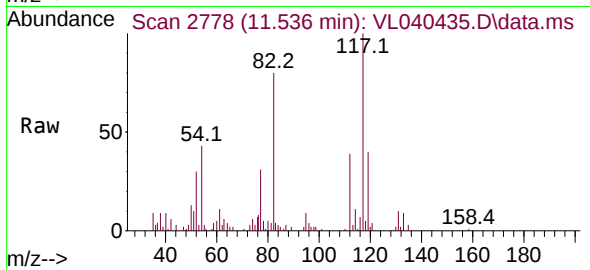




#57
Chlorobenzene
Concen: 0.051 ppbv
RT: 11.536 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

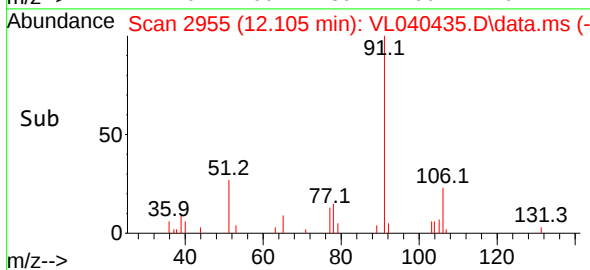
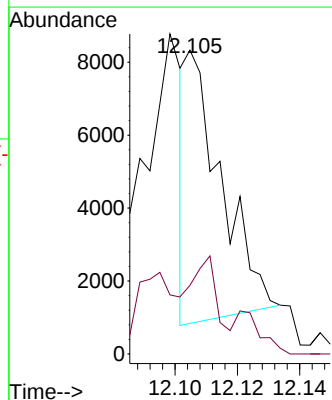
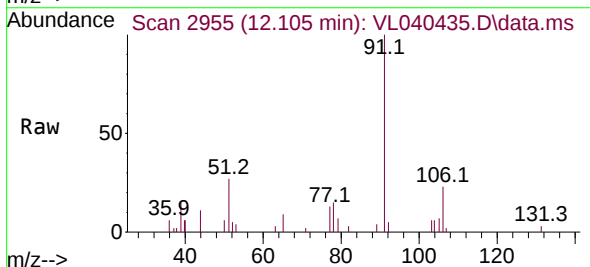
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

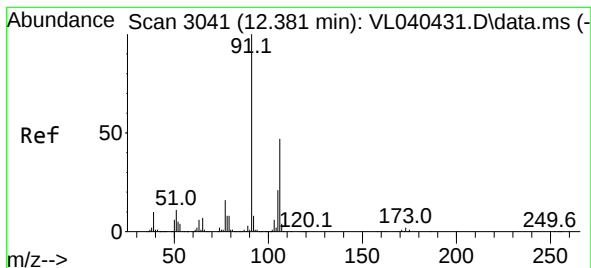
Tgt Ion:112 Resp: 9187
Ion Ratio Lower Upper
112 100
77 62.6 54.7 82.1
114 25.6 29.0 35.4#



#58
Ethyl Benzene
Concen: 0.021 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. -0.006 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion: 91 Resp: 5859
Ion Ratio Lower Upper
91 100
106 24.7 23.8 35.8

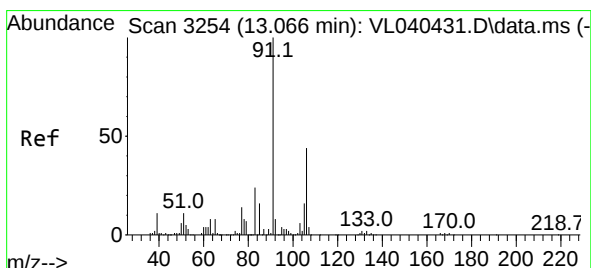
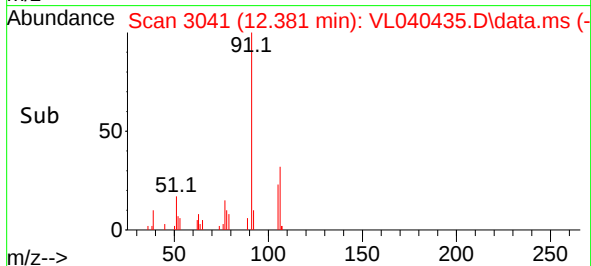
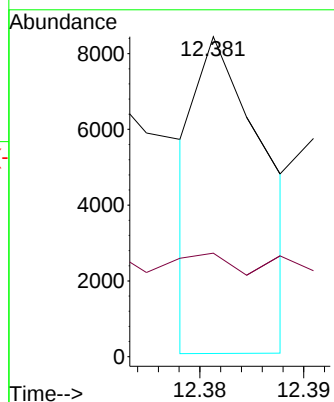
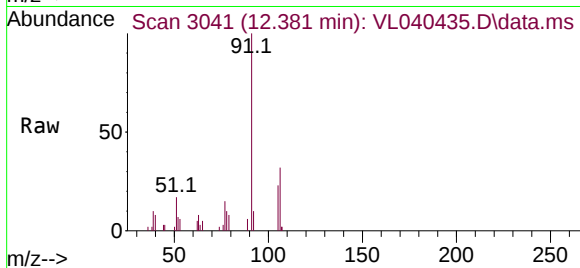




#59
m/p-Xylene
Concen: 0.014 ppbv
RT: 12.381 min Scan# 3041
Delta R.T. -0.016 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

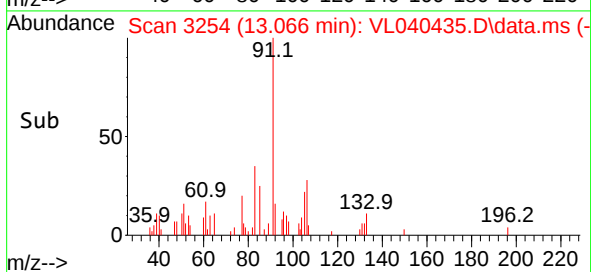
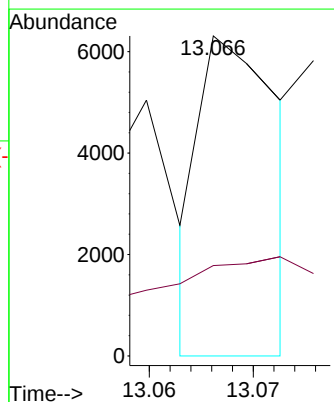
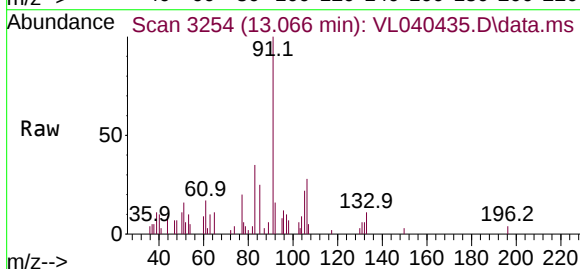
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

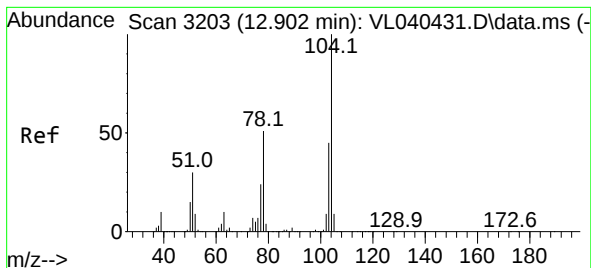
Tgt Ion: 91 Resp: 3730
Ion Ratio Lower Upper
91 100
106 0.0 34.9 52.3#



#60
o-Xylene
Concen: 0.013 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.016 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion: 91 Resp: 3303
Ion Ratio Lower Upper
91 100
106 0.0 21.8 65.4#





#61

Styrene

Concen: 0.011 ppbv

RT: 12.912 min Scan# 31

Delta R.T. -0.009 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

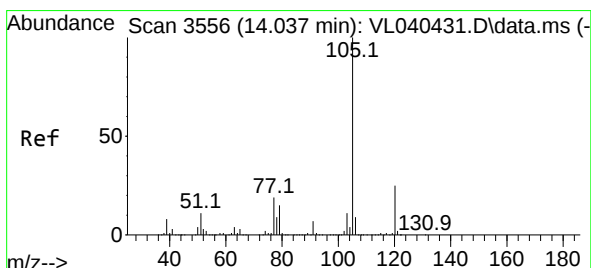
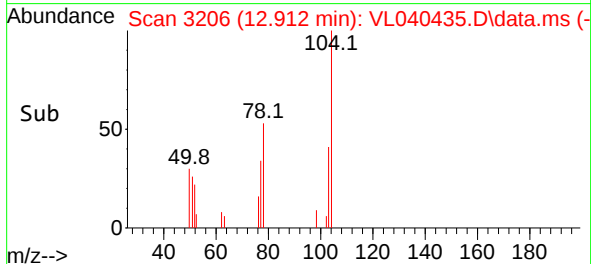
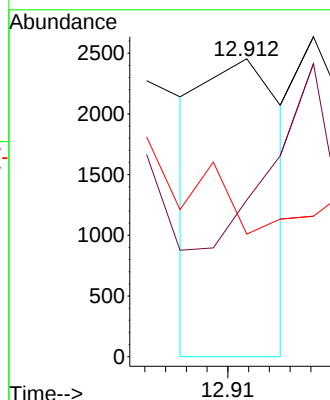
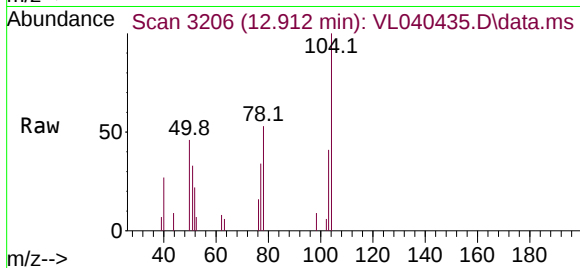
Tgt Ion:104 Resp: 1316

Ion Ratio Lower Upper

104 100

78 0.0 43.3 64.9#

103 0.0 37.4 56.2#



#62

Isopropylbenzene

Concen: 0.034 ppbv

RT: 14.047 min Scan# 3559

Delta R.T. -0.009 min

Lab File: VL040435.D

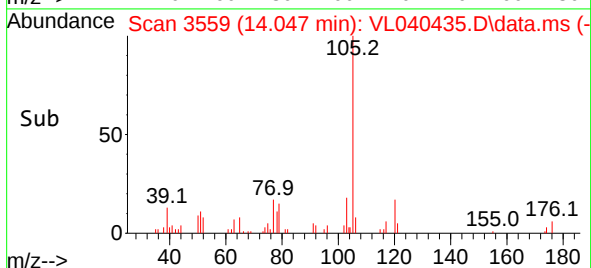
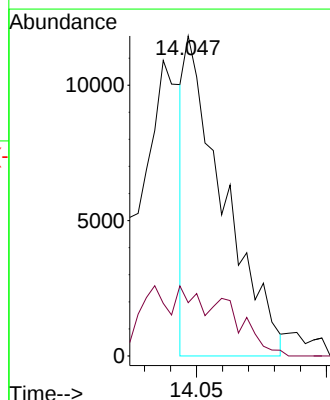
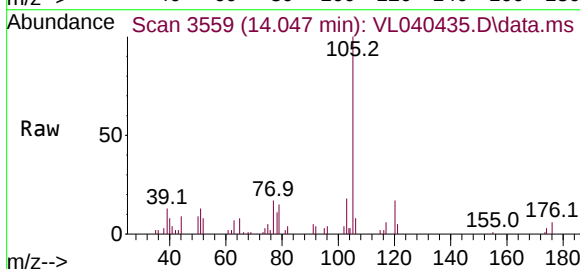
Acq: 16 May 2023 12:14

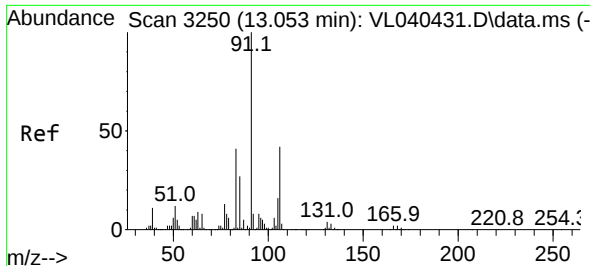
Tgt Ion:105 Resp: 12171

Ion Ratio Lower Upper

105 100

120 0.0 20.0 30.0#

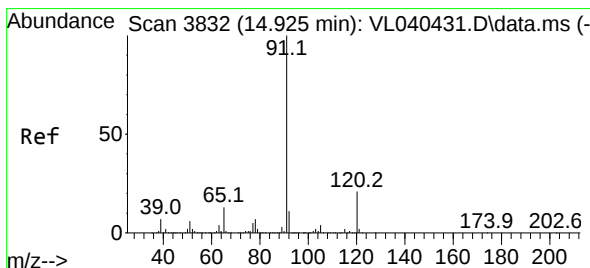
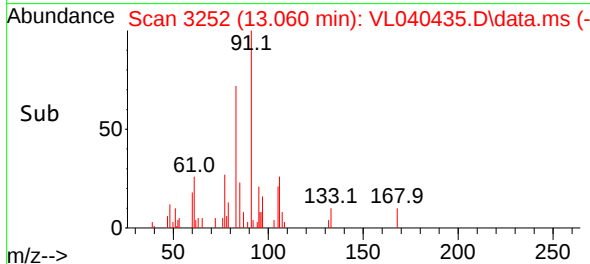
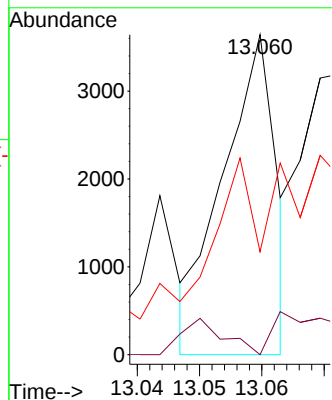
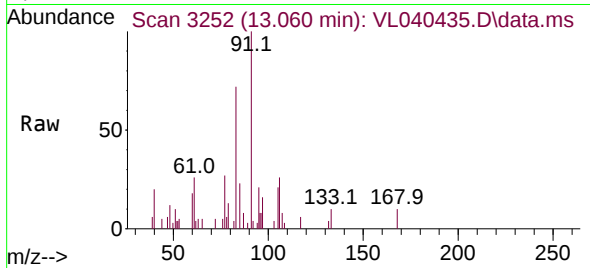




#63
1,1,2,2-Tetrachloroethane
Concen: 0.024 ppbv
RT: 13.060 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

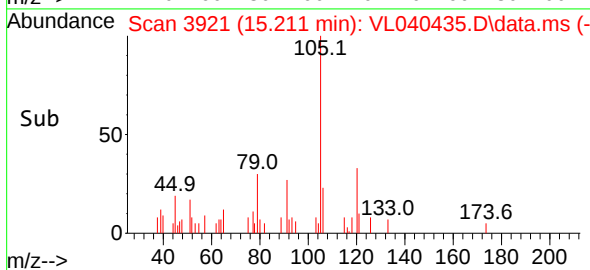
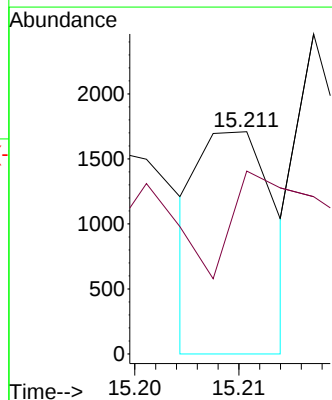
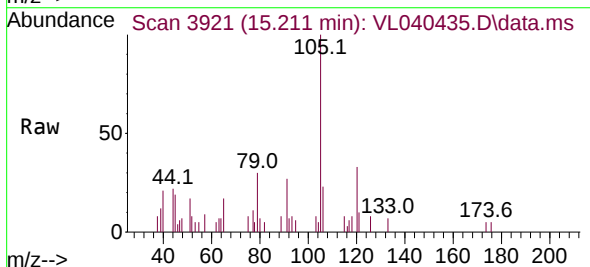
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

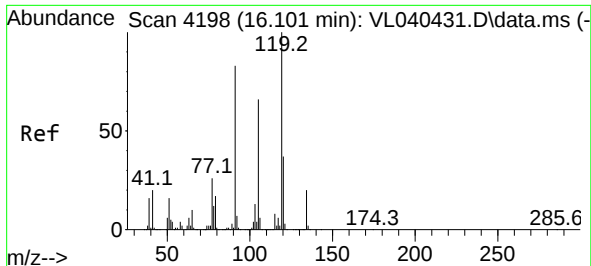
Tgt Ion: 83 Resp: 2156
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5#
85 0.0 33.0 99.0#



#64
n-propylbenzene
Concen: 0.010 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.267 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion: 120 Resp: 856
Ion Ratio Lower Upper
120 100
91 394.7 393.2 589.8

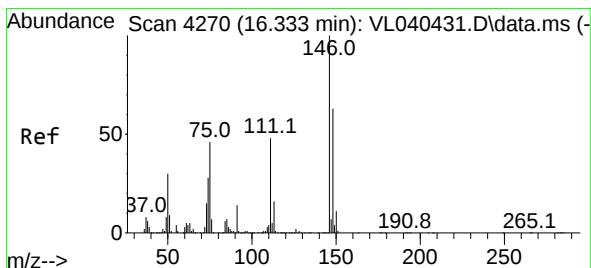
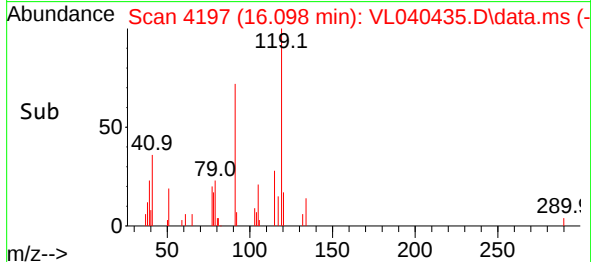
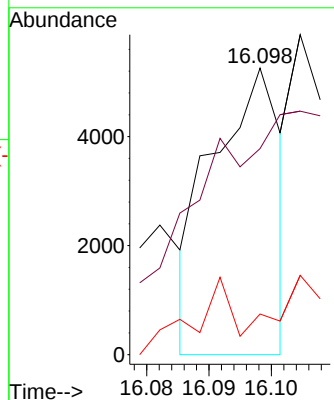
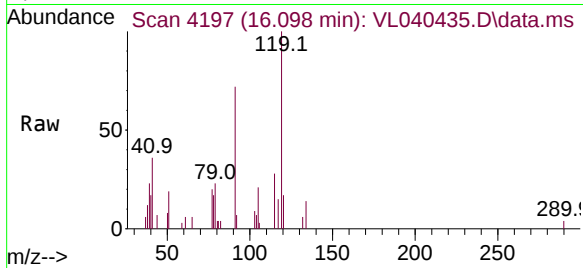




#65
tert-Butylbenzene
Concen: 0.013 ppbv
RT: 16.098 min Scan# 4198
Delta R.T. -0.019 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

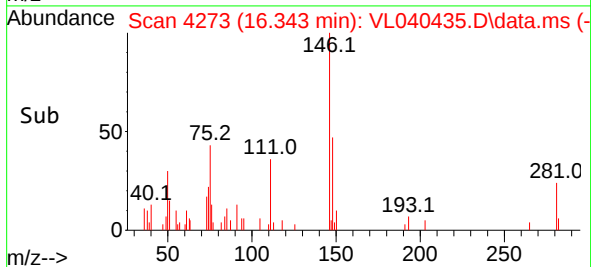
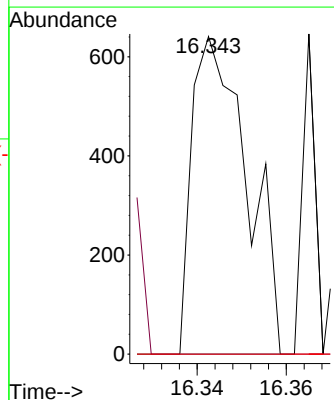
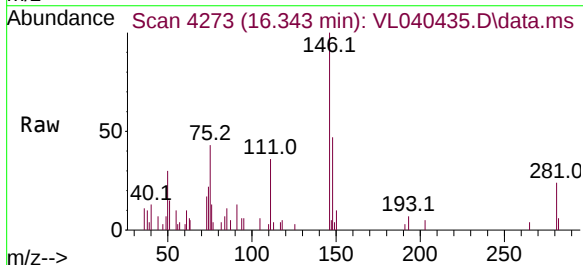
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

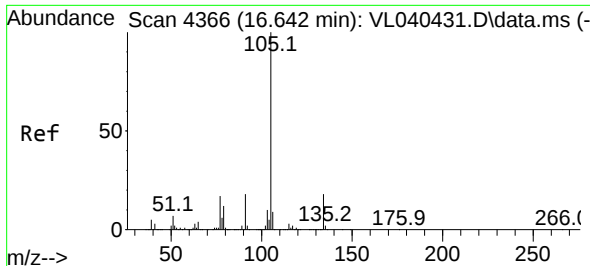
Tgt Ion:119 Resp: 4023
Ion Ratio Lower Upper
119 100
91 0.0 69.8 104.6#
134 0.0 15.4 23.2#



#66
Benzyl Chloride
Concen: 0.029 ppbv
RT: 16.343 min Scan# 4273
Delta R.T. -0.009 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion: 91 Resp: 550
Ion Ratio Lower Upper
91 100
126 0.0 12.6 19.0#
128 0.0 3.9 5.9#





#67

sec-Butylbenzene

Concen: 0.016 ppbv

RT: 16.642 min Scan# 41

Delta R.T. -0.022 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_1

ClientSampleId :

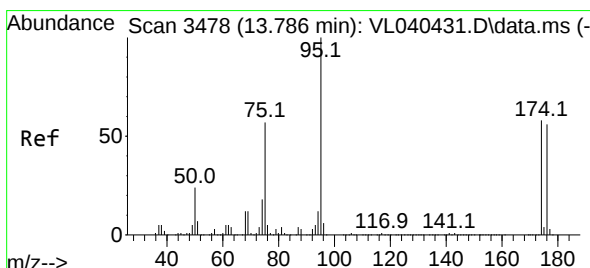
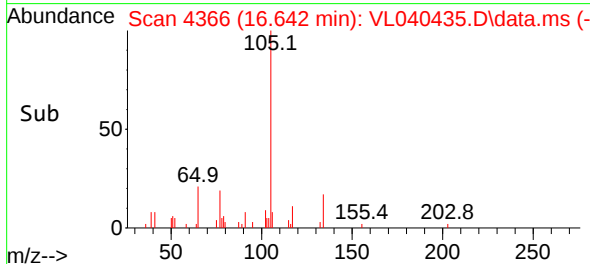
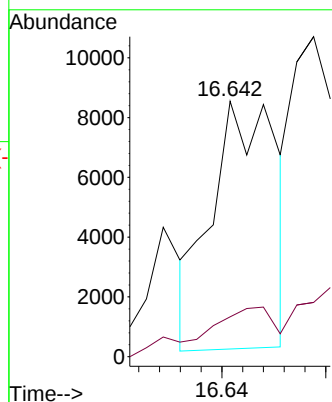
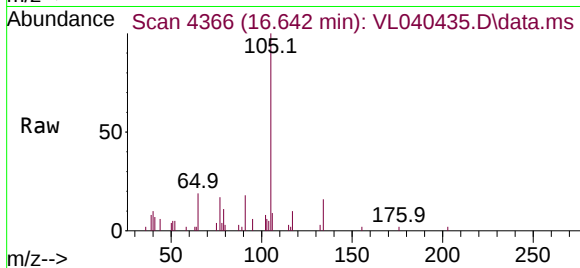
VSTDIC0.1

Tgt Ion:105 Resp: 7187

Ion Ratio Lower Upper

105 100

134 0.0 14.1 21.1#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.950 ppbv

RT: 13.790 min Scan# 3479

Delta R.T. -0.009 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

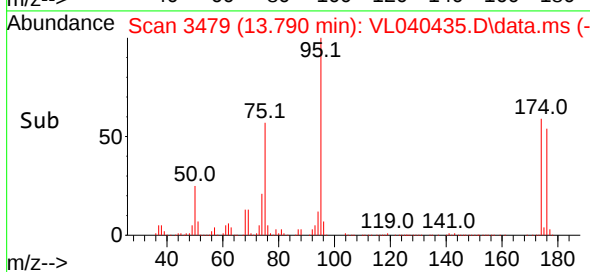
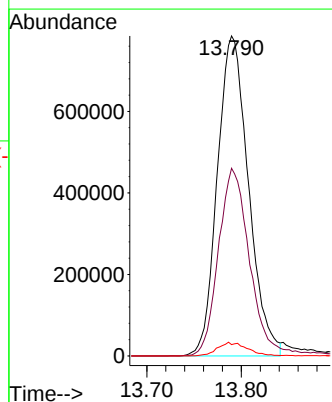
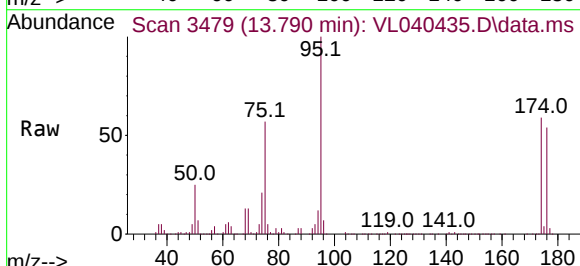
Tgt Ion: 95 Resp: 1793787

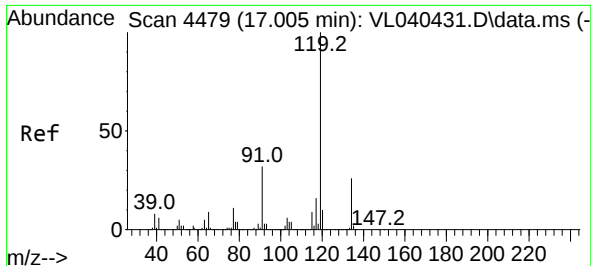
Ion Ratio Lower Upper

95 100

174 60.6 47.0 70.6

175 4.2 3.4 5.0





#69

p-Isopropyltoluene

Concen: 0.016 ppbv

RT: 17.005 min Scan# 4479

Delta R.T. -0.016 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

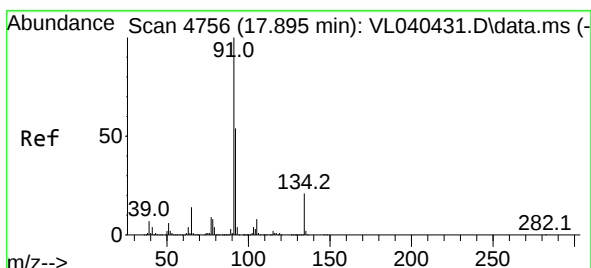
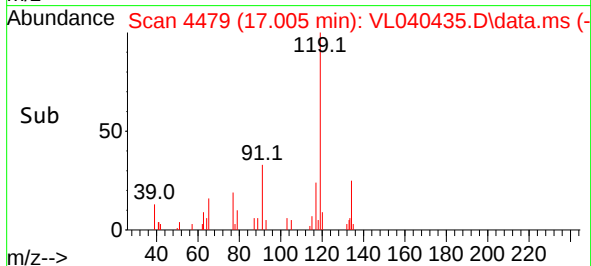
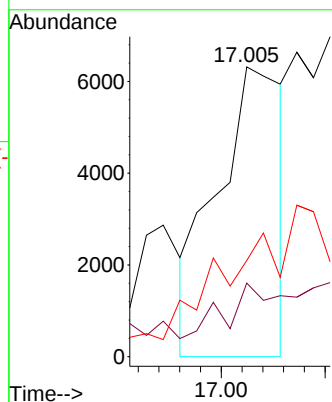
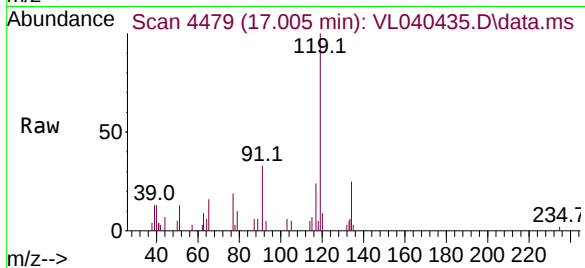
Tgt Ion:119 Resp: 5556

Ion Ratio Lower Upper

119 100

134 0.0 20.2 30.4#

91 0.0 25.4 38.0#



#70

n-Butylbenzene

Concen: 0.006 ppbv

RT: 17.892 min Scan# 4755

Delta R.T. -0.019 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

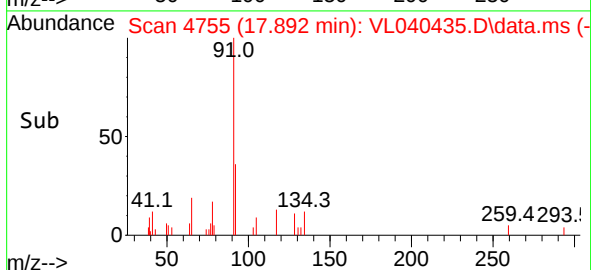
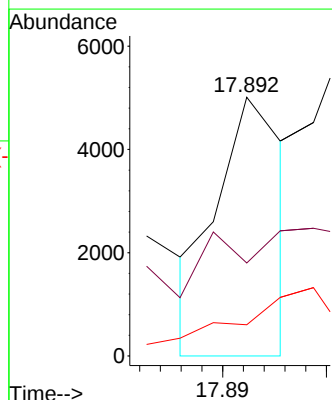
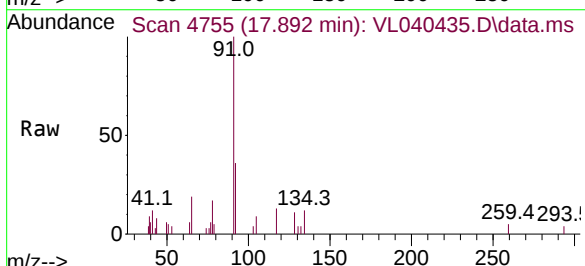
Tgt Ion: 91 Resp: 2273

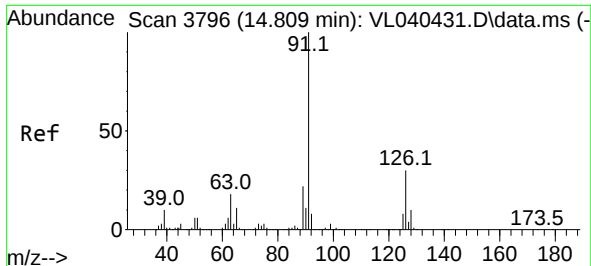
Ion Ratio Lower Upper

91 100

92 0.0 43.2 64.8#

134 0.0 16.9 25.3#

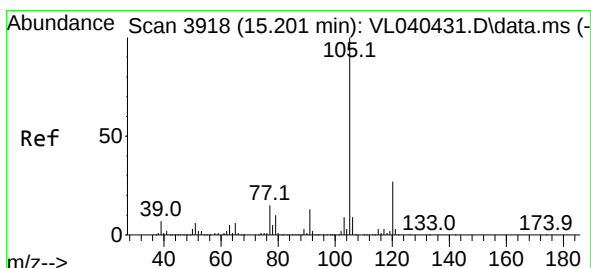
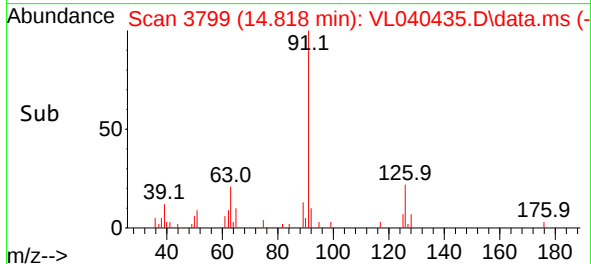
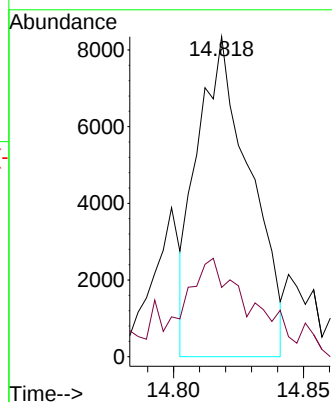
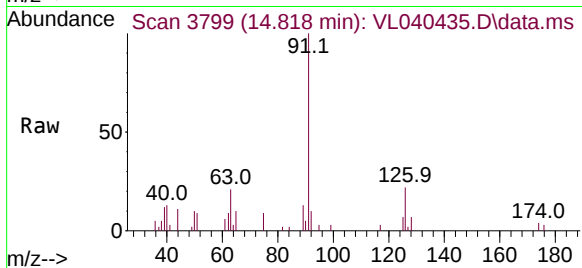




#71
2-Chlorotoluene
Concen: 0.043 ppbv
RT: 14.818 min Scan# 311
Delta R.T. -0.006 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

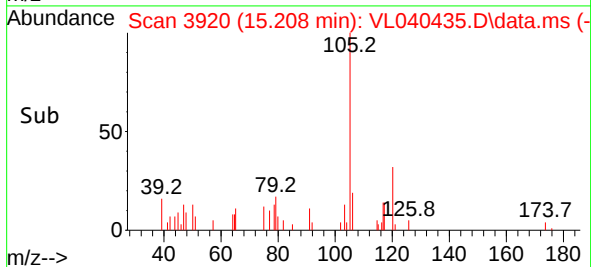
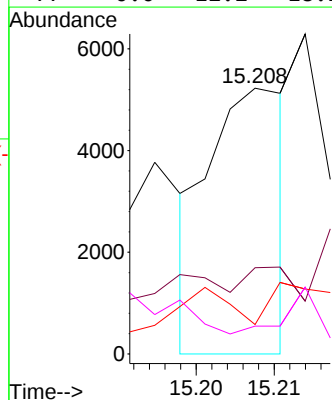
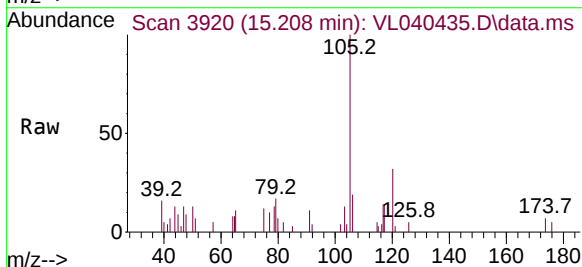
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

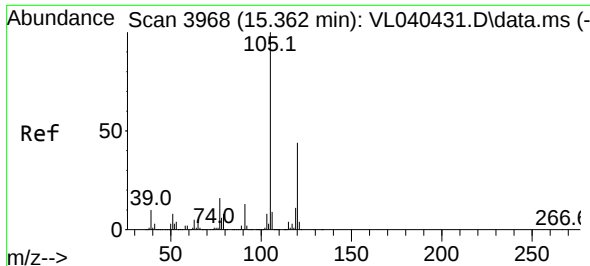
Tgt Ion: 91 Resp: 11786
Ion Ratio Lower Upper
91 100
126 47.2 12.0 48.0



#72
4-Ethyltoluene
Concen: 0.013 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. -0.013 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion:105 Resp: 3588
Ion Ratio Lower Upper
105 100
120 0.0 23.8 35.8#
91 0.0 11.0 16.4#
77 0.0 12.2 18.2#

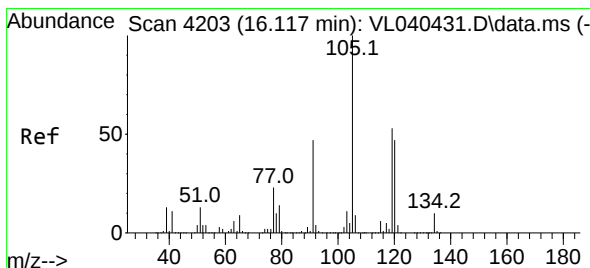
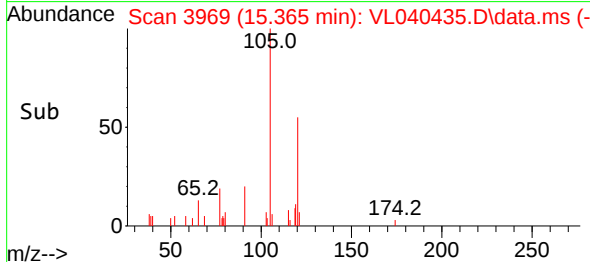
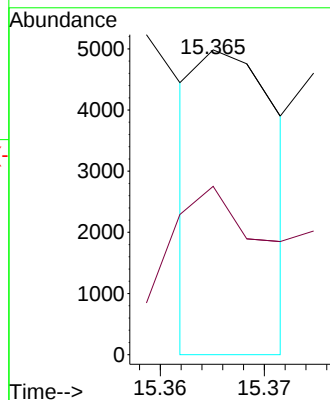
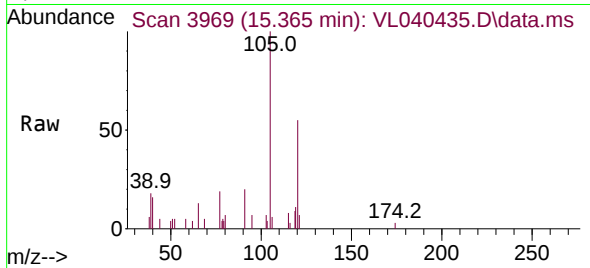




#73
1,3,5-Trimethylbenzene
Concen: 0.010 ppbv
RT: 15.365 min Scan# 3968
Delta R.T. -0.009 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

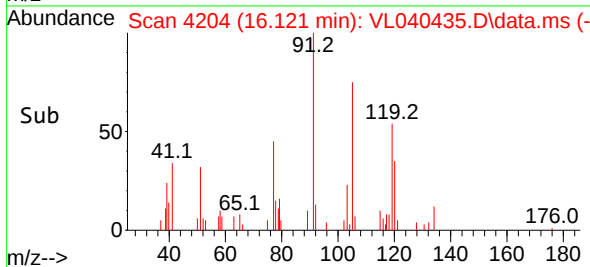
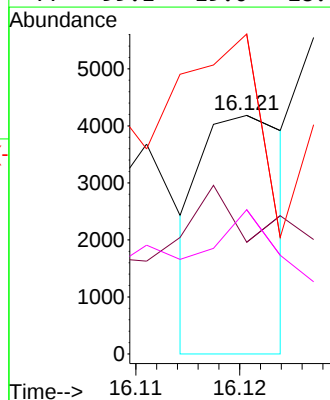
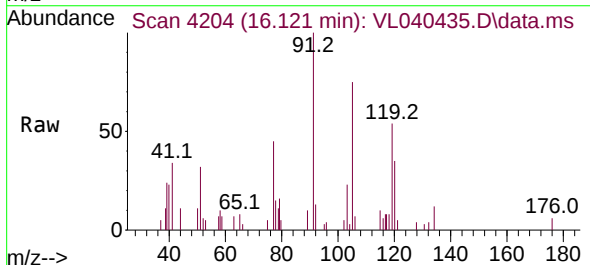
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

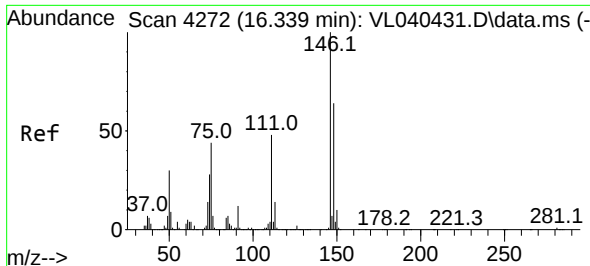
Tgt Ion:105 Resp: 2628
Ion Ratio Lower Upper
105 100
120 83.3 35.2 52.8#



#74
1,2,4-Trimethylbenzene
Concen: 0.008 ppbv
RT: 16.121 min Scan# 4204
Delta R.T. -0.013 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion:105 Resp: 2340
Ion Ratio Lower Upper
105 100
120 0.0 38.1 57.1#
91 203.4 40.2 60.2#
77 99.1 19.0 28.4#

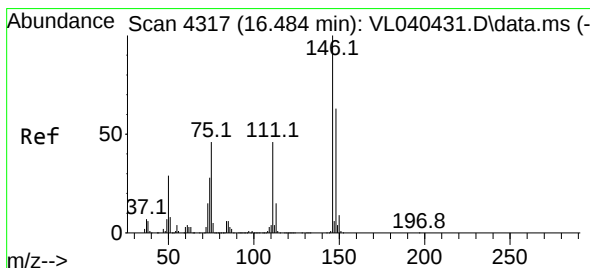
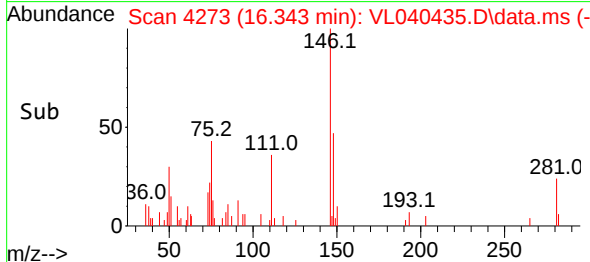
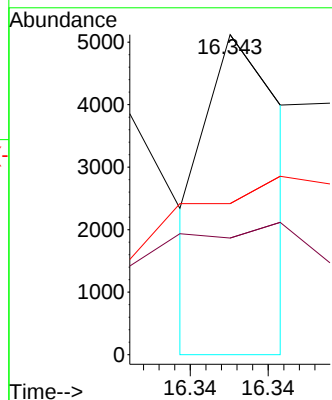
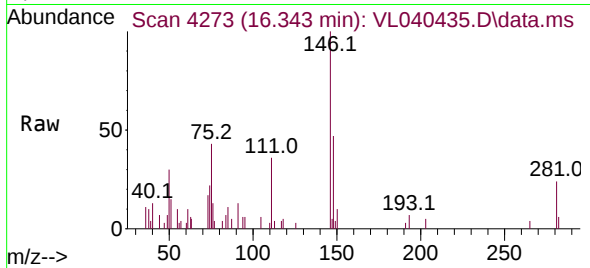




#75
1,3-Dichlorobenzene
Concen: 0.011 ppbv
RT: 16.343 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

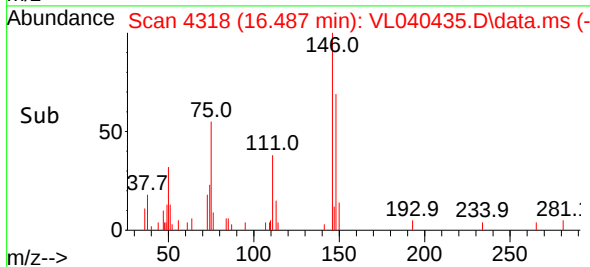
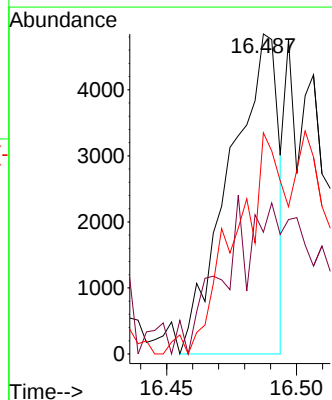
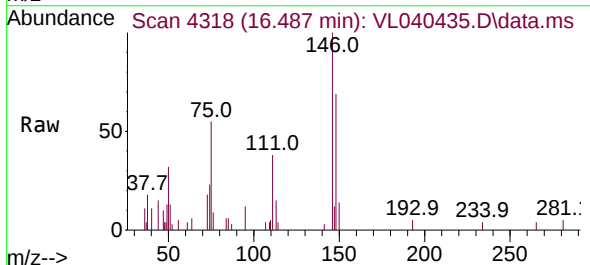
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.1

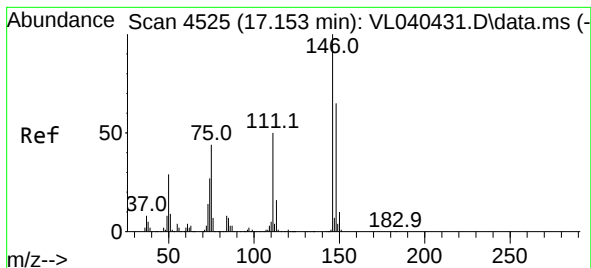
Tgt Ion:146 Resp: 1759
Ion Ratio Lower Upper
146 100
111 0.0 24.6 74.0#
148 0.0 32.1 96.3#



#76
1,4-Dichlorobenzene
Concen: 0.040 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. -0.013 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion:146 Resp: 6303
Ion Ratio Lower Upper
146 100
111 107.5 24.0 72.0#
148 0.0 32.5 97.4#





#77

1,2-Dichlorobenzene

Concen: 0.039 ppbv

RT: 17.159 min Scan# 4525

Delta R.T. -0.009 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1

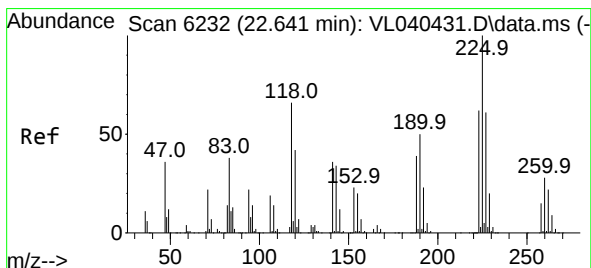
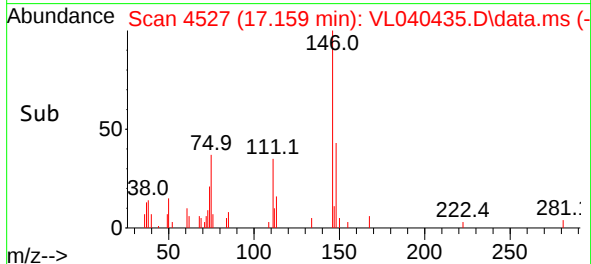
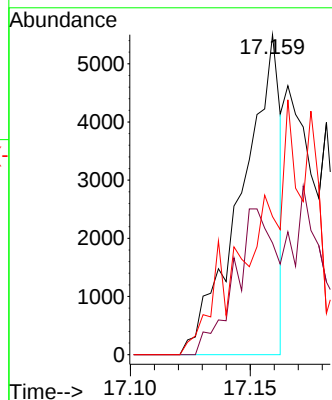
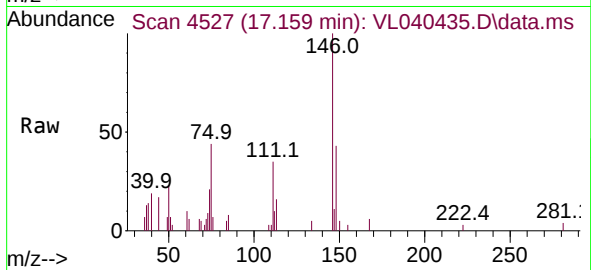
Tgt Ion:146 Resp: 6179

Ion Ratio Lower Upper

146 100

111 0.0 25.2 75.6#

148 0.0 32.1 96.5#



#78

Hexachloro-1,3-Butadiene

Concen: 0.037 ppbv

RT: 22.645 min Scan# 6233

Delta R.T. -0.019 min

Lab File: VL040435.D

Acq: 16 May 2023 12:14

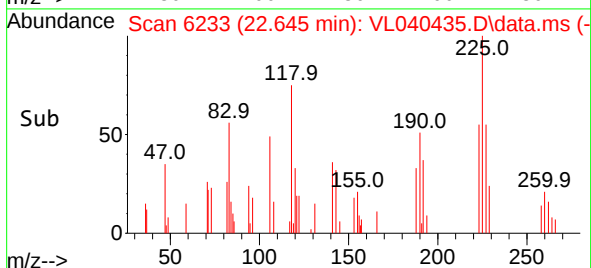
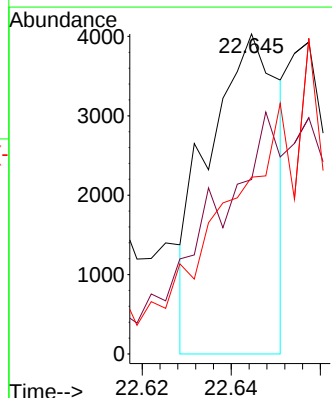
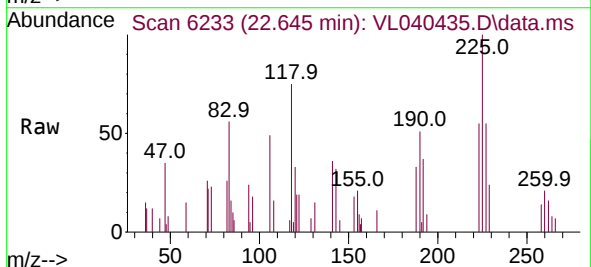
Tgt Ion:225 Resp: 4391

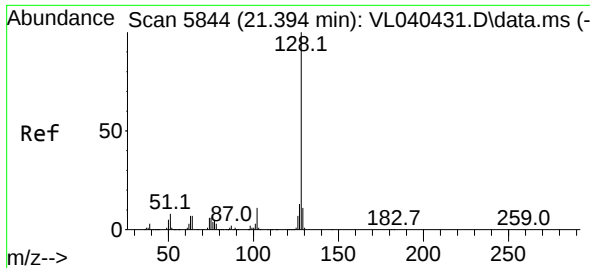
Ion Ratio Lower Upper

225 100

223 0.0 51.2 76.8#

227 0.0 51.0 76.6#

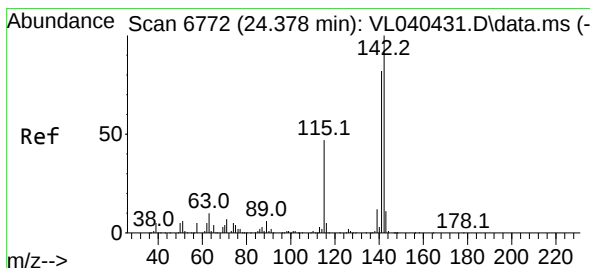
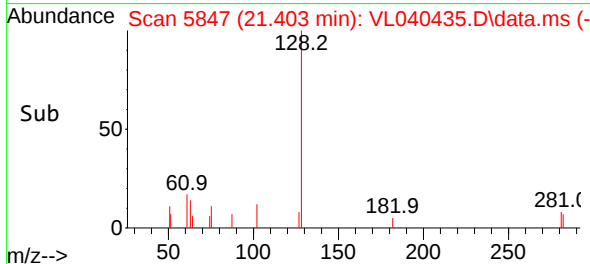
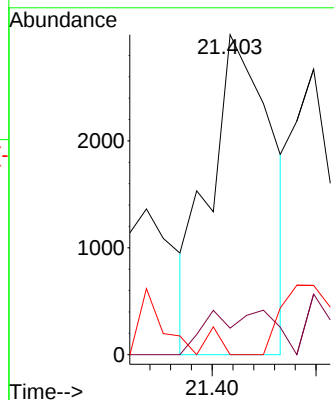
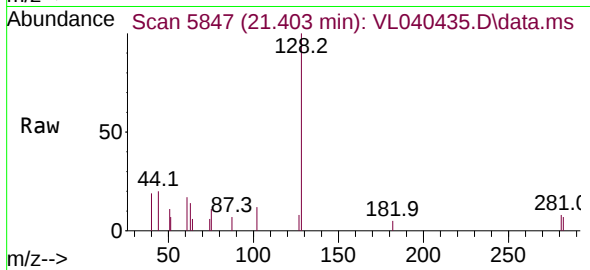




#79
Naphthalene
Concen: 0.014 ppbv
RT: 21.403 min Scan# 5847
Delta R.T. -0.013 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

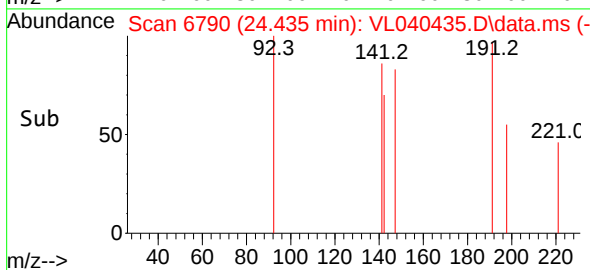
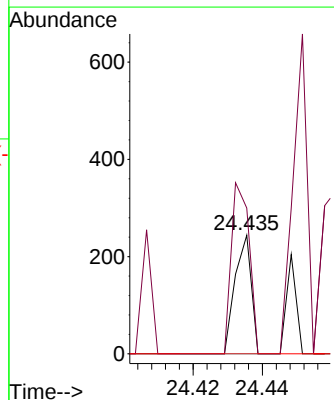
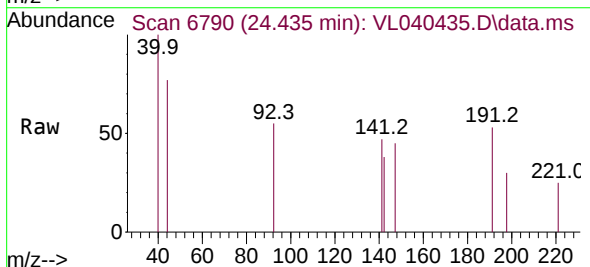
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

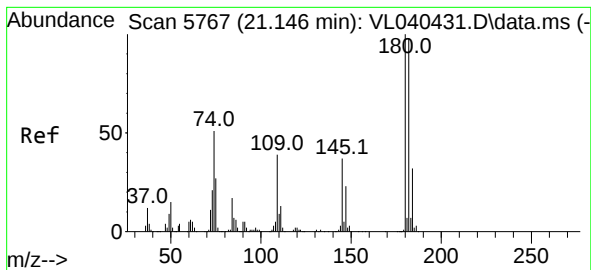
Tgt Ion:128 Resp: 2461
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 0.0 9.0 13.6#



#80
Naphthalene,2-methyl-
Concen: 0.002 ppbv
RT: 24.435 min Scan# 6790
Delta R.T. 0.039 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion:142 Resp: 79
Ion Ratio Lower Upper
142 100
141 393.7 66.2 99.2#
115 0.0 36.8 55.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.009 ppbv

RT: 21.146 min Scan# 51

Delta R.T. -0.022 min

Lab File: VL040435.D

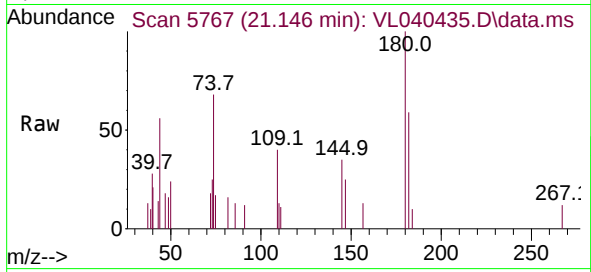
Acq: 16 May 2023 12:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1



Tgt Ion:180 Resp: 1033

Ion Ratio Lower Upper

180 100

182 0.0 77.0 115.6#

184 0.0 24.7 37.1#

