

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040135.D
 Acq On : 30 Jan 2023 16:31
 Operator : SY/MD
 Sample : N4995-13 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 31 05:28:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 31 05:24:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	823454	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2152959	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	1915754	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1562241	9.812	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	17848	0.124	ppbv	92
3) Chlorodifluoromethane	2.658	51	11339	0.115	ppbv	95
4) Chloromethane	2.790	50	2410	0.039	ppbv #	82
5) Vinyl Chloride	2.906	62	3094	0.060	ppbv	95
6) Bromomethane	3.105	94	1009	0.053	ppbv #	50
7) Chloroethane	3.185	64	1746	0.088	ppbv	92
8) Dichlorotetrafluoroethane	2.838	85	14017	0.104	ppbv	97
9) Propene	2.668	41	1121	0.027	ppbv #	15
10) Heptane	7.574	43	2982	0.032	ppbv #	1
11) Trichlorofluoromethane	3.549	101	13811	0.096	ppbv	89
12) 1,1,2-Trichlorotrifluo...	4.057	101	10051	0.093	ppbv #	82
13) Ethanol	3.230	45	82	0.022	ppbv #	38
14) Bromoethene	3.346	108	2401	0.060	ppbv #	49
15) Acetone	3.456	43	146	0.001	ppbv #	48
16) 1,3-Butadiene	2.967	39	4468	0.097	ppbv	92
17) tert-Butyl alcohol	3.867	59	204	0.002	ppbv #	72
18) 1,1-Dichloroethene	3.864	96	2615	0.056	ppbv #	72
19) Isopropyl Alcohol	3.542	45	44	0.001	ppbv #	90
20) Methylene Chloride	3.919	84	8929	0.205	ppbv #	86
21) Allyl Chloride	3.980	41	3285	0.052	ppbv #	20
22) trans-1,2-Dichloroethene	4.433	96	2664	0.055	ppbv #	68
23) Vinyl Acetate	4.610	43	710	0.022	ppbv #	1
24) 1,1-Dichloroethane	4.555	63	8627	0.089	ppbv #	87
25) Ethyl Acetate	5.198	43	4607	0.026	ppbv #	74
26) Hexane	5.205	57	6970	0.092	ppbv #	74
27) Carbon Disulfide	4.115	76	3766	0.038	ppbv #	56
28) Methyl tert-Butyl Ether	4.597	73	7520	0.088	ppbv #	78
29) Chloroform	5.259	83	8876	0.073	ppbv	84
30) Cyclohexane	6.594	84	2087	0.034	ppbv #	1
31) cis-1,2-Dichloroethene	5.063	61	3695	0.050	ppbv #	81
32) 1,1,1-Trichloroethane	5.992	97	2839	0.023	ppbv #	1
34) 2-Butanone	4.751	43	111	0.001	ppbv #	53
35) Carbon Tetrachloride	6.475	117	5314	0.044	ppbv #	74
36) Benzene	6.365	78	8250	0.052	ppbv	96
37) 1,2-Dichloroethane	5.803	62	8407	0.082	ppbv	99
38) Trichloroethene	7.275	130	3096	0.034	ppbv #	82
39) 1,2-Dichloropropane	6.645	63	544706	8.741	ppbv #	22
40) 1,4-Dioxane	7.311	88	60	0.002	ppbv #	1
41) Tetrahydrofuran	5.507	42	106	0.002	ppbv #	36
42) Bromodichloromethane	7.237	83	2953	0.021	ppbv #	48
43) Methyl Methacrylate	7.465	69	992	0.017	ppbv #	1
44) 2,2,4-Trimethylpentane	7.317	57	15905	0.060	ppbv #	69
45) t-1,3-Dichloropropene	8.690	75	393	0.008	ppbv	98

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

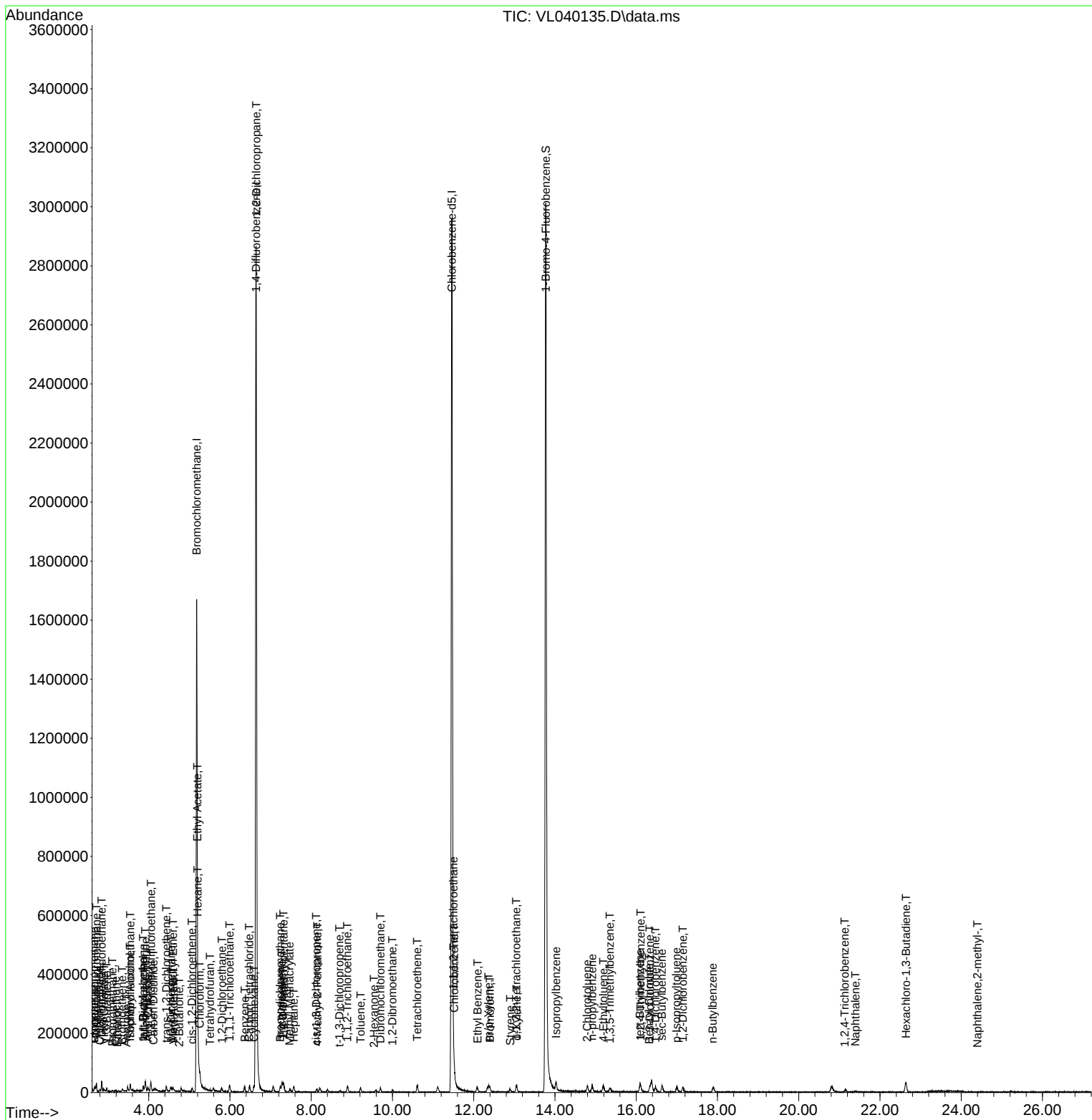
Instrument :
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 ClientSampleId :

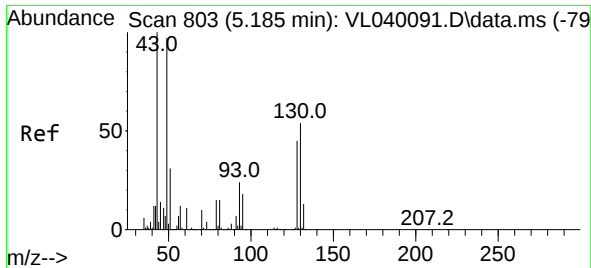
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 31 05:24:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	1357	0.019	ppbv	91
47) 1,1,2-Trichloroethane	8.889	97	3146	0.048	ppbv #	71
48) Dibromochloromethane	9.703	129	3903	0.037	ppbv #	14
49) Bromoform	12.404	173	3571	0.044	ppbv #	58
50) 4-Methyl-2-Pentanone	8.153	43	66	0.000	ppbv #	39
51) 2-Hexanone	9.545	43	177	0.001	ppbv #	30
52) Tetrachloroethene	10.610	164	2996	0.057	ppbv #	22
53) Toluene	9.217	91	7132	0.042	ppbv #	55
54) 1,2-Dibromoethane	9.999	107	833	0.012	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.503	131	1075	0.014	ppbv #	1
57) Chlorobenzene	11.516	112	8087	0.062	ppbv #	34
58) Ethyl Benzene	12.098	91	4445	0.021	ppbv	95
59) m/p-Xylene	12.368	91	1904	0.010	ppbv #	1
60) o-Xylene	13.056	91	5612	0.031	ppbv #	33
61) Styrene	12.902	104	2195	0.023	ppbv #	23
62) Isopropylbenzene	14.031	105	9432	0.036	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	13.047	83	3291	0.050	ppbv #	22
64) n-propylbenzene	14.915	120	526	0.008	ppbv #	1
65) tert-Butylbenzene	16.092	119	6612	0.029	ppbv #	3
66) Benzyl Chloride	16.320	91	144	0.009	ppbv #	65
67) sec-Butylbenzene	16.632	105	11571	0.036	ppbv #	78
69) p-Isopropyltoluene	16.989	119	4120	0.016	ppbv #	15
70) n-Butylbenzene	17.883	91	3392	0.013	ppbv #	33
71) 2-Chlorotoluene	14.793	91	5357	0.027	ppbv #	1
72) 4-Ethyltoluene	15.195	105	3629	0.018	ppbv #	55
73) 1,3,5-Trimethylbenzene	15.349	105	1789	0.010	ppbv #	1
74) 1,2,4-Trimethylbenzene	16.108	105	2028	0.010	ppbv #	35
75) 1,3-Dichlorobenzene	16.333	146	4687	0.042	ppbv #	23
76) 1,4-Dichlorobenzene	16.471	146	2726	0.025	ppbv #	1
77) 1,2-Dichlorobenzene	17.146	146	6048	0.056	ppbv #	33
78) Hexachloro-1,3-Butadiene	22.641	225	1354	0.017	ppbv #	18
79) Naphthalene	21.394	128	1476	0.013	ppbv #	82
80) Naphthalene,2-methyl-	24.400	142	155	0.004	ppbv #	17
81) 1,2,4-Trichlorobenzene	21.130	180	1003	0.014	ppbv #	11

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 31 05:24:57 2023
Response via : Initial Calibration

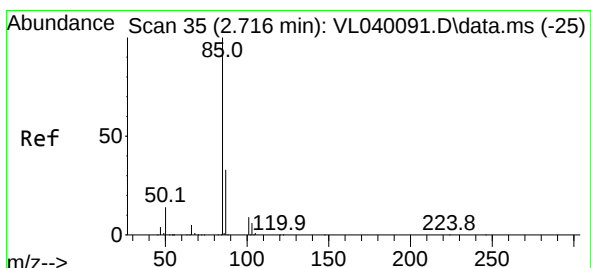
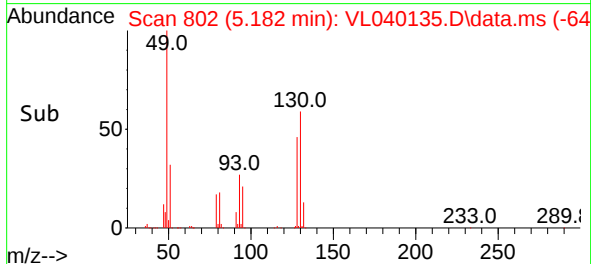
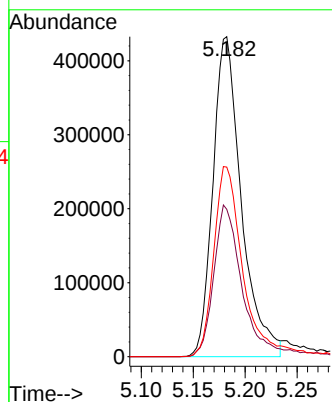
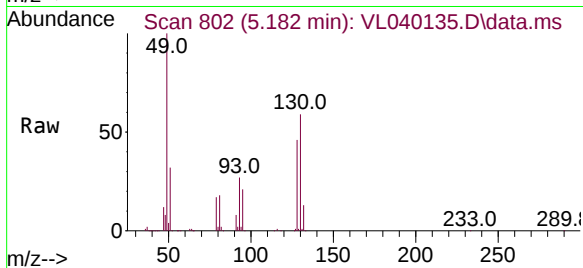




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.182 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VL040135.D
 Acq: 30 Jan 2023 16:31

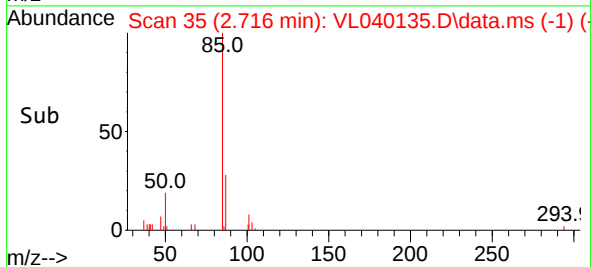
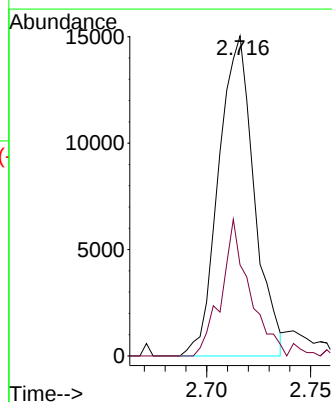
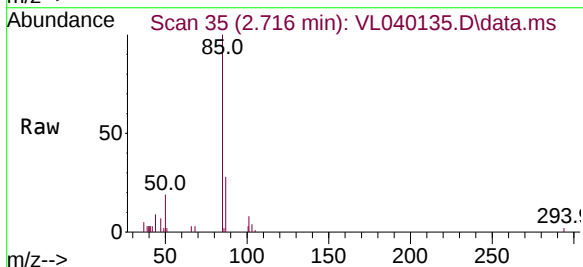
Instrument :
 MSVOA_L
 ClientSampleId :

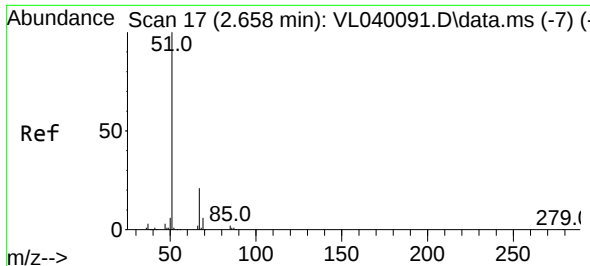
Tgt Ion: 49 Resp: 823454
 Ion Ratio Lower Upper
 49 100
 128 48.7 23.6 71.0
 130 62.2 29.8 89.3



#2
 Dichlorodifluoromethane
 Concen: 0.124 ppbv
 RT: 2.716 min Scan# 35
 Delta R.T. 0.003 min
 Lab File: VL040135.D
 Acq: 30 Jan 2023 16:31

Tgt Ion: 85 Resp: 17848
 Ion Ratio Lower Upper
 85 100
 87 28.4 26.5 39.7

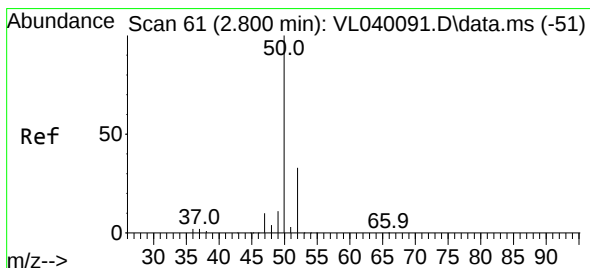
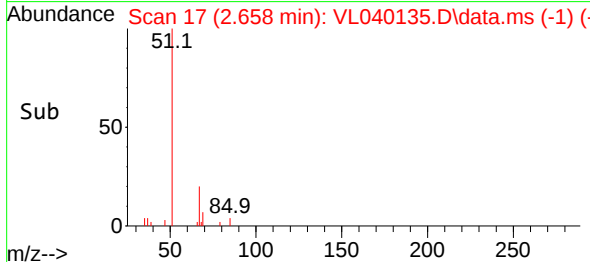
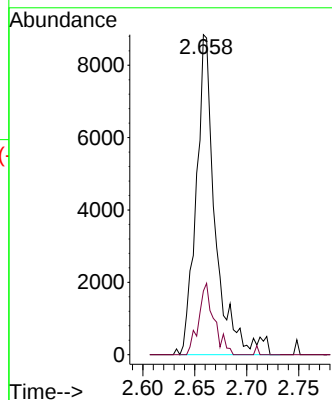
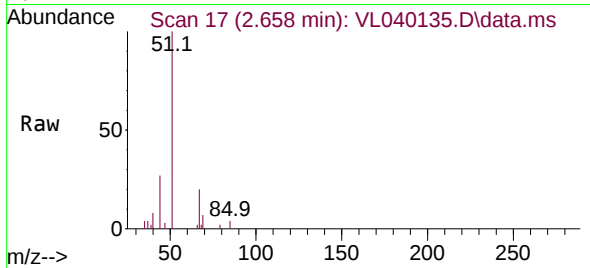




#3
Chlorodifluoromethane
Concen: 0.115 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

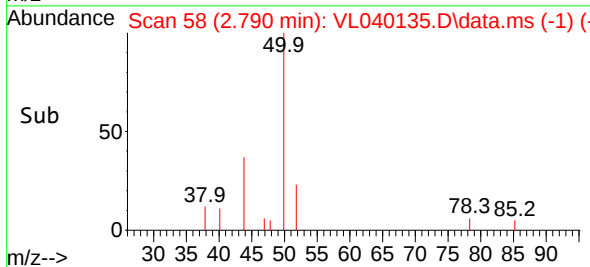
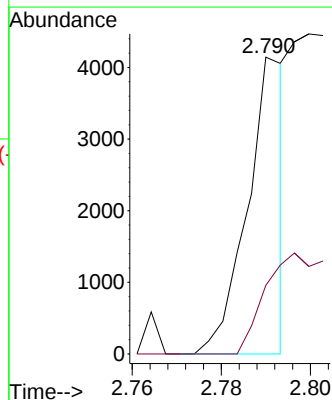
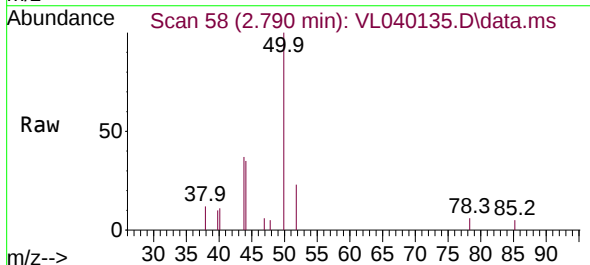
Instrument :
MSVOA_L
ClientSampleId :

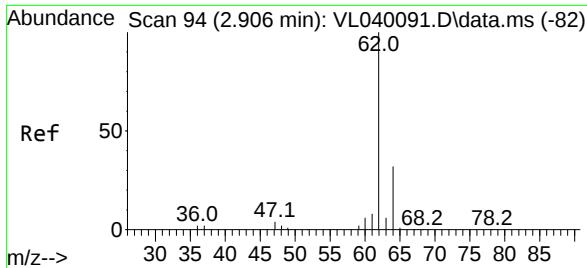
Tgt Ion: 51 Resp: 11339
Ion Ratio Lower Upper
51 100
67 18.0 16.4 24.6



#4
Chloromethane
Concen: 0.039 ppbv
RT: 2.790 min Scan# 58
Delta R.T. -0.003 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Tgt Ion: 50 Resp: 2410
Ion Ratio Lower Upper
50 100
52 23.1 26.5 39.7#

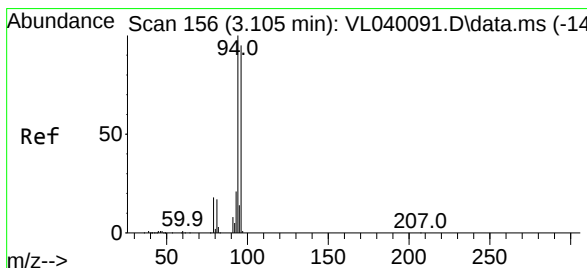
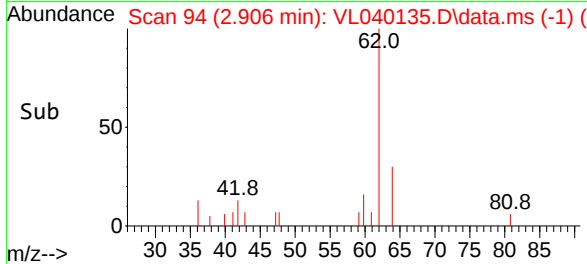
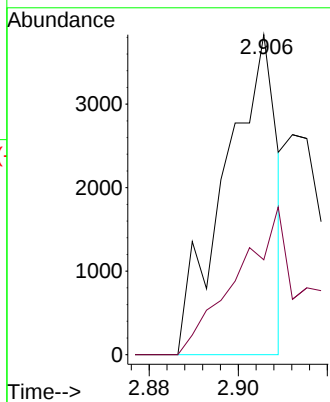
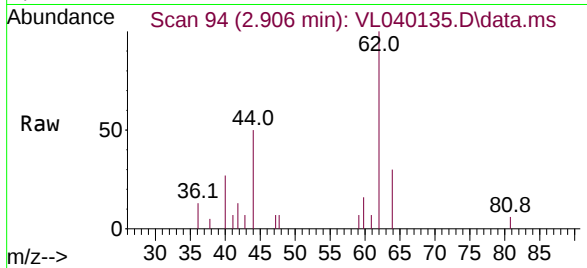




#5
 Vinyl Chloride
 Concen: 0.060 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.003 min
 Lab File: VL040135.D
 Acq: 30 Jan 2023 16:31

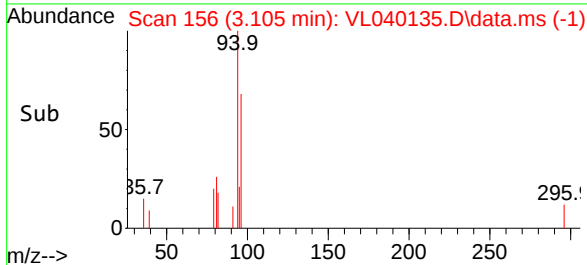
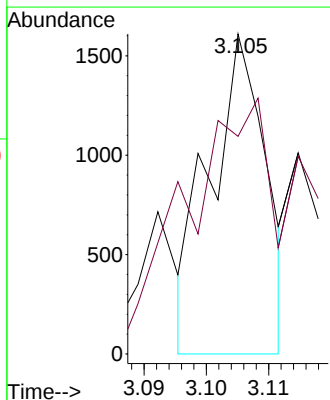
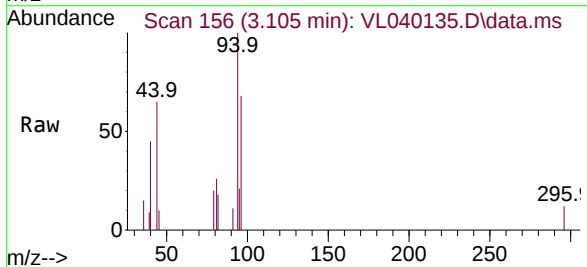
Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 62 Resp: 3094
 Ion Ratio Lower Upper
 62 100
 64 29.6 25.8 38.6



#6
 Bromomethane
 Concen: 0.053 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. 0.003 min
 Lab File: VL040135.D
 Acq: 30 Jan 2023 16:31

Tgt Ion: 94 Resp: 1009
 Ion Ratio Lower Upper
 94 100
 96 46.2 76.2 114.2#

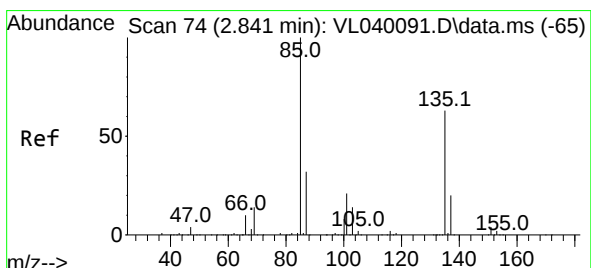
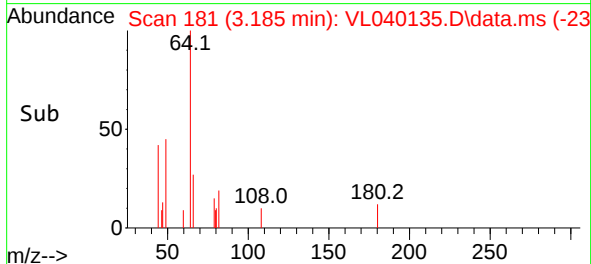
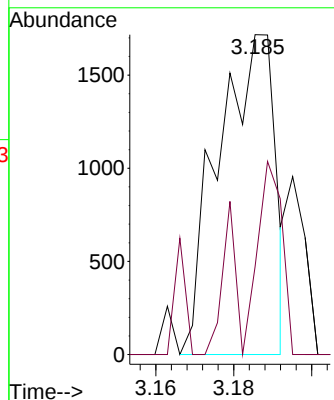
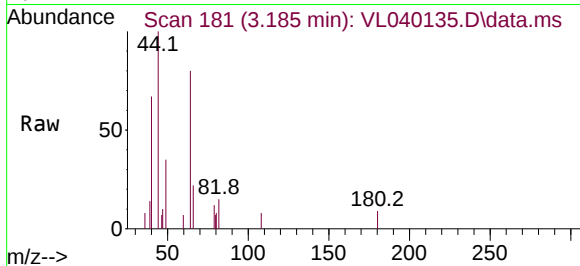




#7
Chloroethane
Concen: 0.088 ppbv
RT: 3.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

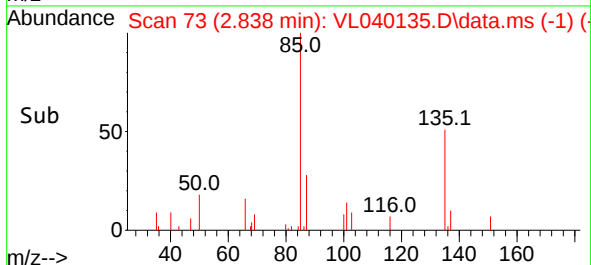
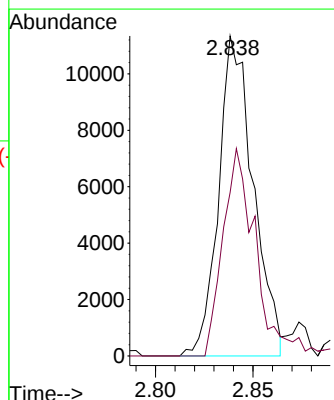
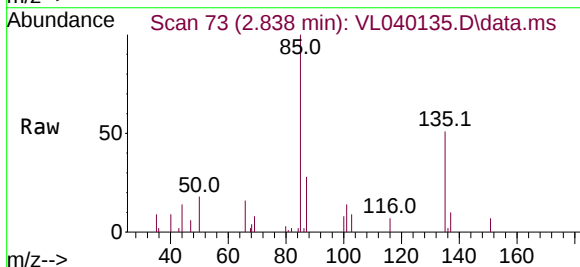
Instrument :
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ClientSampleId :

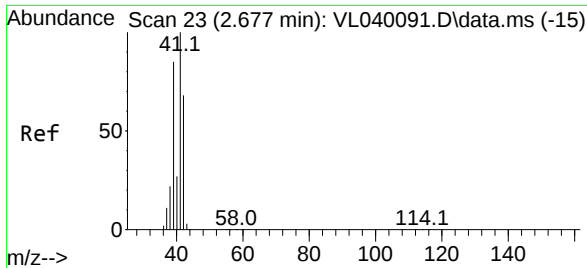
Tgt Ion: 64 Resp: 1746
Ion Ratio Lower Upper
64 100
66 27.5 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 0.104 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.000 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

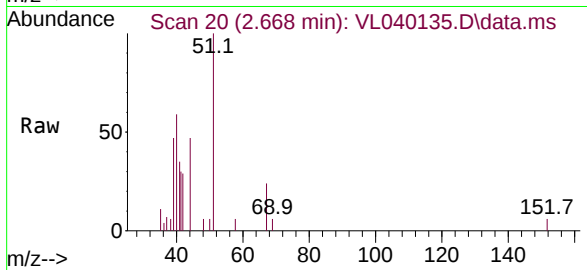
Tgt Ion: 85 Resp: 14017
Ion Ratio Lower Upper
85 100
135 62.3 51.4 77.2



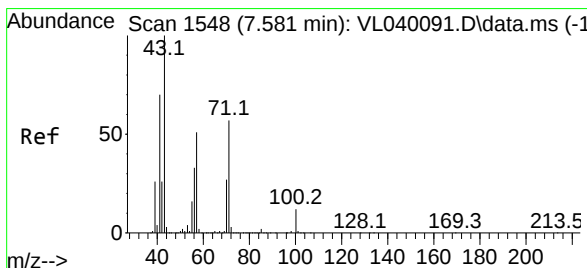
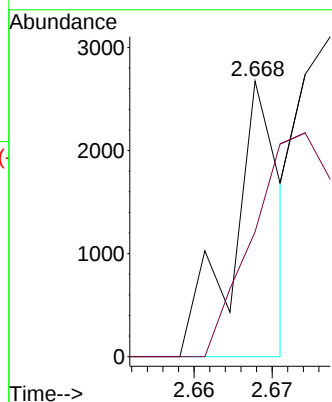
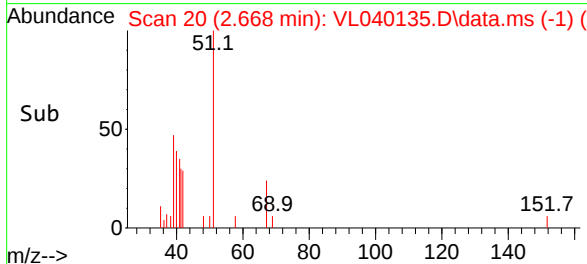


#9
 Propene
 Concen: 0.027 ppbv
 RT: 2.668 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VL040135.D
 Acq: 30 Jan 2023 16:31

Instrument :
 MSVOA_L
 ClientSampleId :

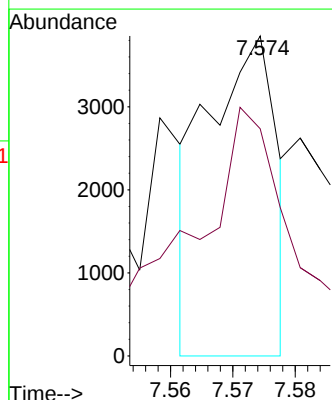
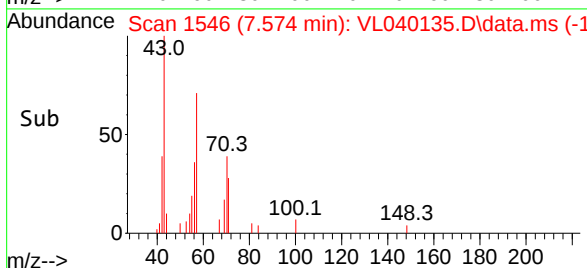
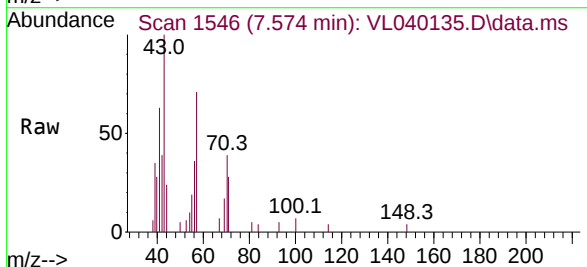


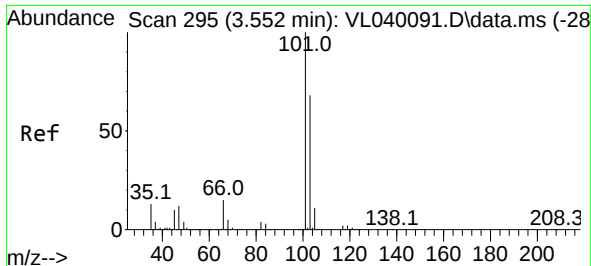
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 Ion Ratio Lower Upper
 41 100
 42 0.0 55.6 83.4#



#10
 Heptane
 Concen: 0.032 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. 0.007 min
 Lab File: VL040135.D
 Acq: 30 Jan 2023 16:31

Tgt Ion: 43 Resp: 2982
 Ion Ratio Lower Upper
 43 100
 57 145.6 40.9 61.3#

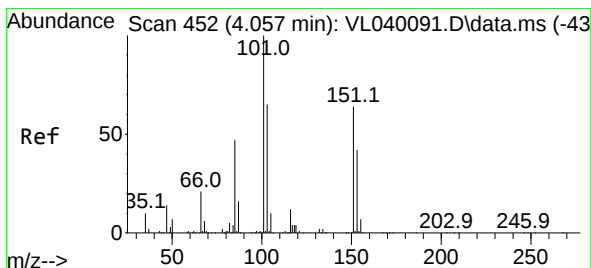
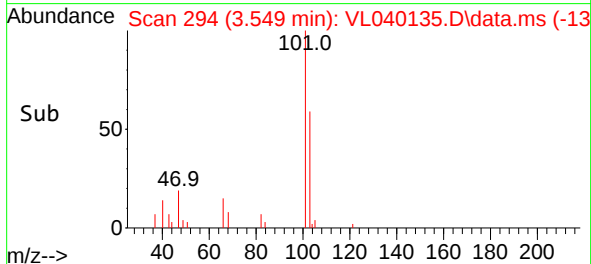
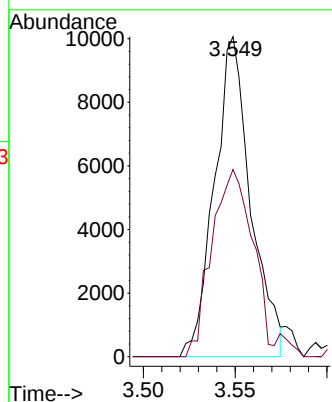
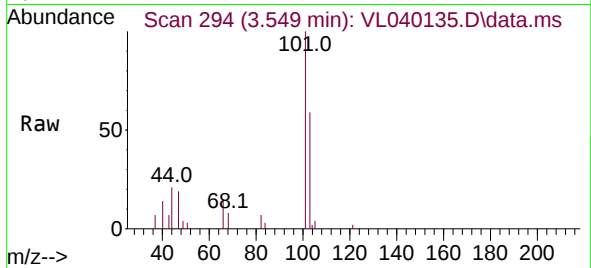




#11
 Trichlorofluoromethane
 Concen: 0.096 ppbv
 RT: 3.549 min Scan# 294
 Delta R.T. 0.003 min
 Lab File: VL040135.D
 Acq: 30 Jan 2023 16:31

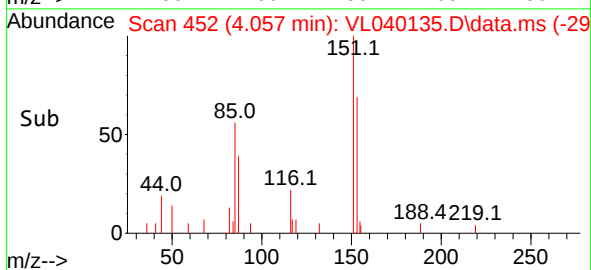
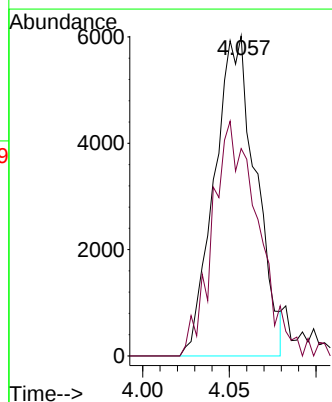
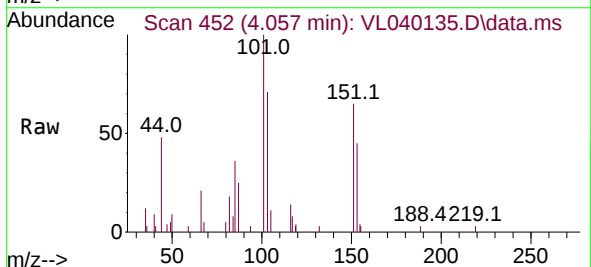
Instrument :
 MSVOA_L
 ClientSampleId :

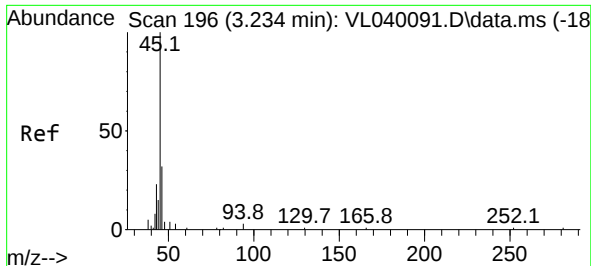
Tgt Ion:101 Resp: 13811
 Ion Ratio Lower Upper
 101 100
 103 58.5 54.0 81.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.093 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. 0.010 min
 Lab File: VL040135.D
 Acq: 30 Jan 2023 16:31

Tgt Ion:101 Resp: 10051
 Ion Ratio Lower Upper
 101 100
 151 81.1 53.2 79.8#

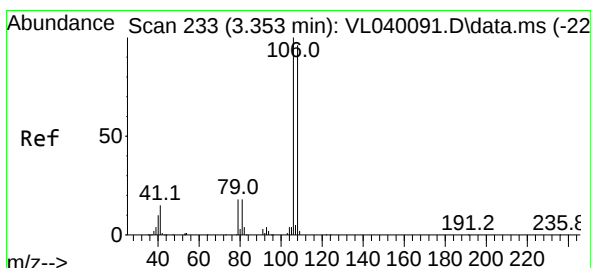
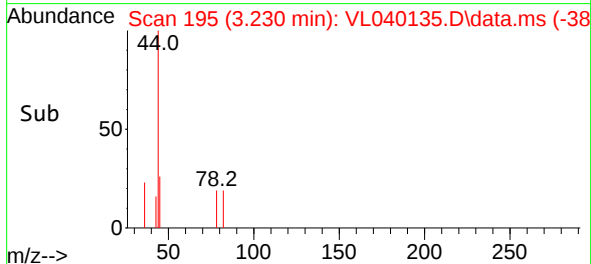
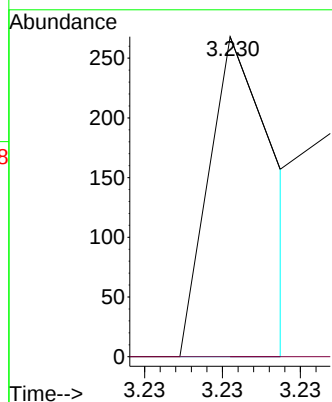
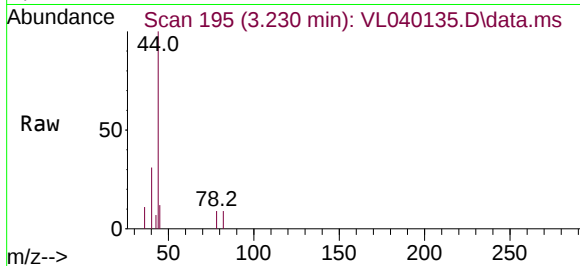




#13
Ethanol
Concen: 0.022 ppbv
RT: 3.230 min Scan# 196
Delta R.T. 0.003 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

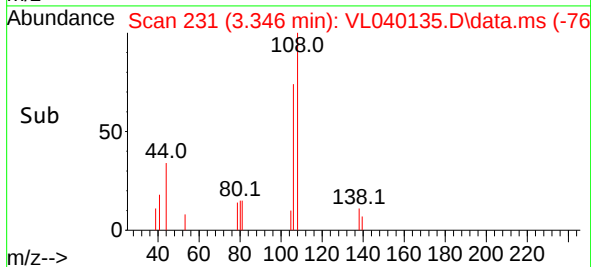
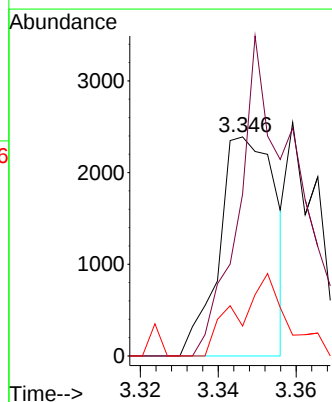
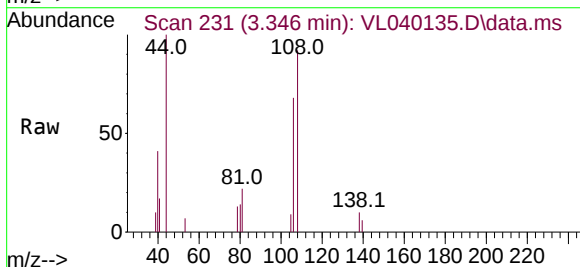
Instrument :
MSVOA_L
ClientSampleId :

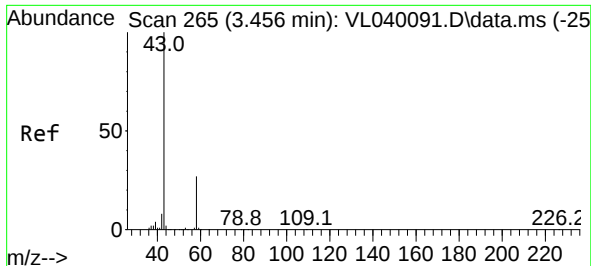
Tgt Ion: 45 Resp: 82
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.2#



#14
Bromoethene
Concen: 0.060 ppbv
RT: 3.346 min Scan# 231
Delta R.T. -0.003 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Tgt Ion: 108 Resp: 2401
Ion Ratio Lower Upper
108 100
106 162.3 87.0 130.6#
79 42.4 16.1 24.1#

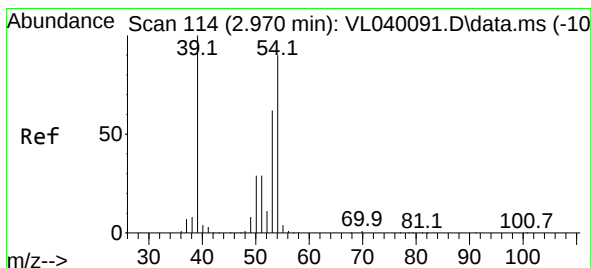
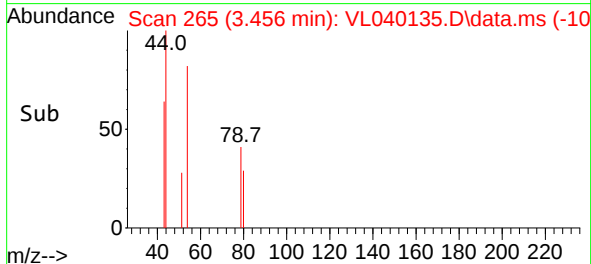
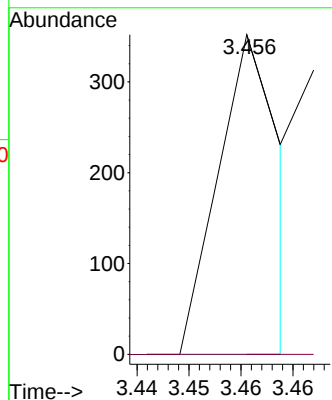
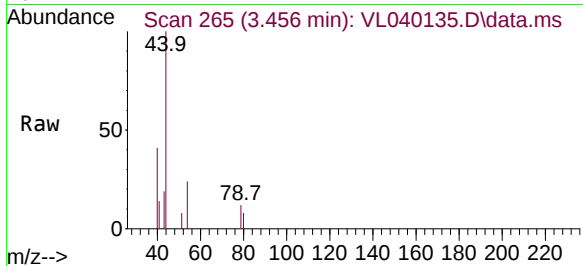




#15
Acetone
Concen: 0.001 ppbv
RT: 3.456 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

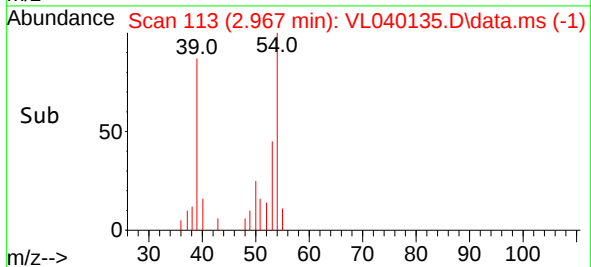
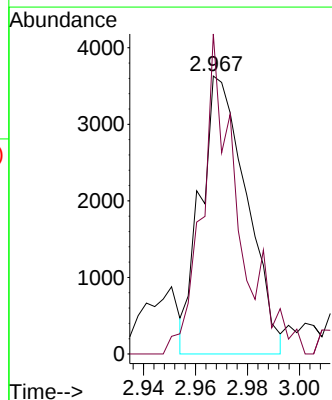
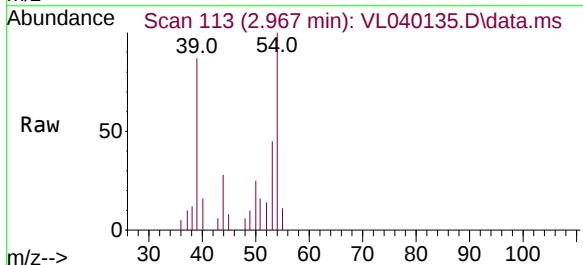
Instrument :
MSVOA_L
ClientSampleId :

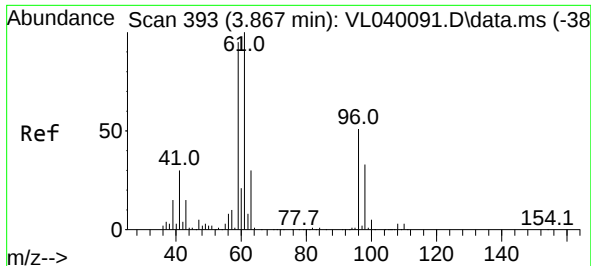
Tgt Ion: 43 Resp: 146
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.8#



#16
1,3-Butadiene
Concen: 0.097 ppbv
RT: 2.967 min Scan# 113
Delta R.T. 0.000 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Tgt Ion: 39 Resp: 4468
Ion Ratio Lower Upper
39 100
54 92.1 67.9 101.9





#17

tert-Butyl alcohol

Concen: 0.002 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.007 min

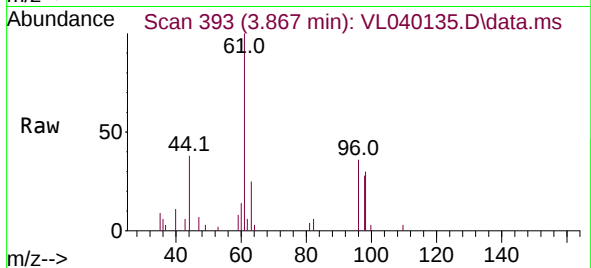
Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Instrument :

MSVOA_L

ClientSampleId :

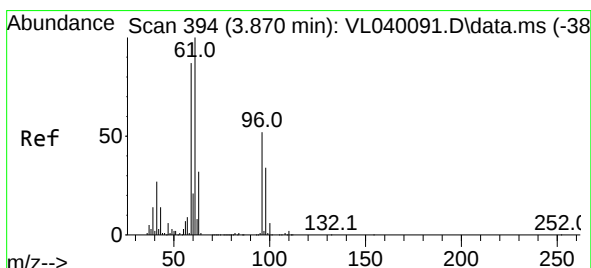
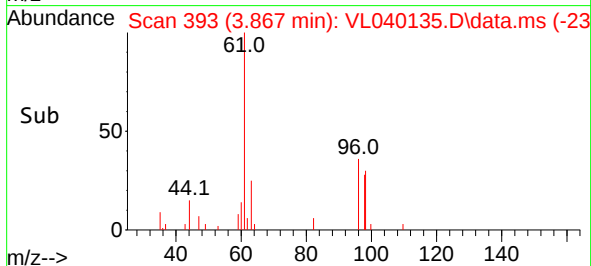
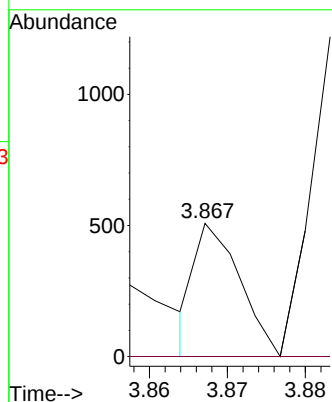


Tgt Ion: 59 Resp: 204

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#18

1,1-Dichloroethene

Concen: 0.056 ppbv

RT: 3.864 min Scan# 392

Delta R.T. 0.000 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

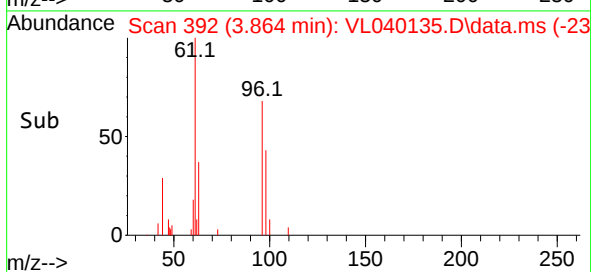
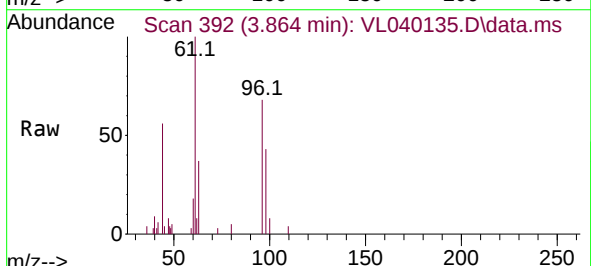
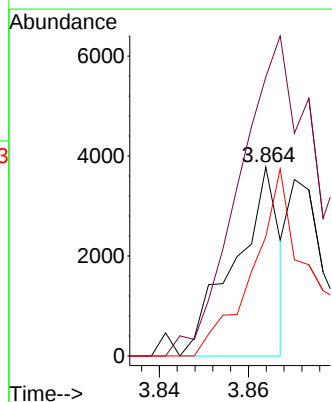
Tgt Ion: 96 Resp: 2615

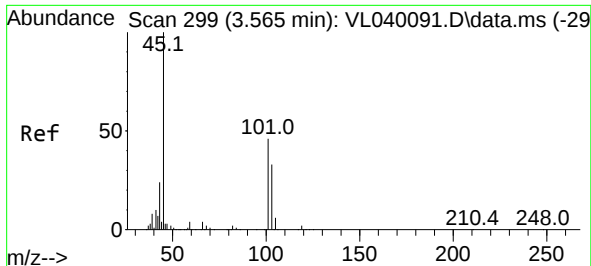
Ion Ratio Lower Upper

96 100

61 137.0 153.0 229.4#

98 63.1 52.7 79.1





#19

Isopropyl Alcohol

Concen: 0.001 ppbv

RT: 3.542 min Scan# 299

Delta R.T. -0.016 min

Lab File: VL040135.D

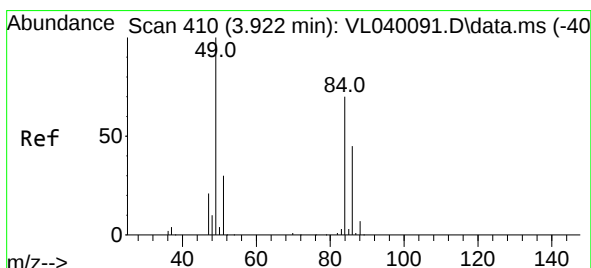
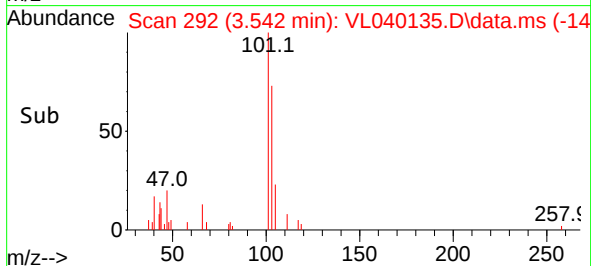
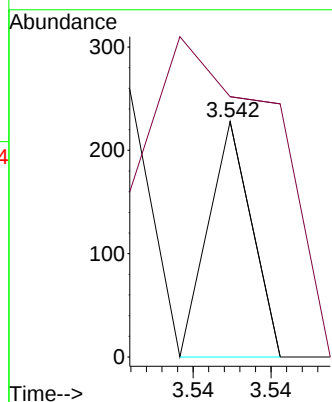
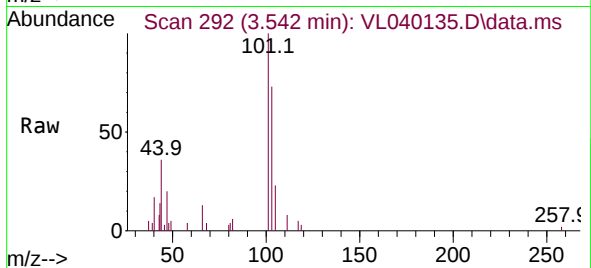
Acq: 30 Jan 2023 16:31

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 45 Resp: 44
 Ion Ratio Lower Upper
 45 100
 58 0.0 2.6 4.0#



#20

Methylene Chloride

Concen: 0.205 ppbv

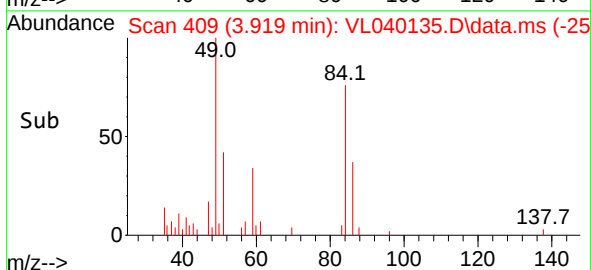
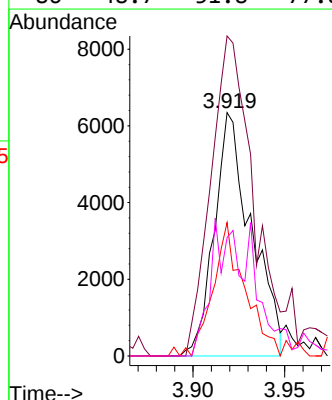
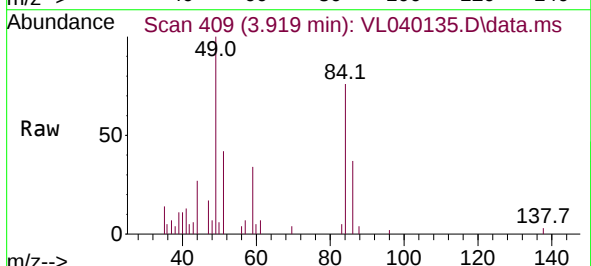
RT: 3.919 min Scan# 409

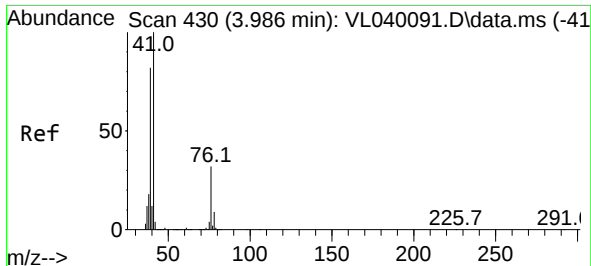
Delta R.T. 0.003 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Tgt Ion: 84 Resp: 8929
 Ion Ratio Lower Upper
 84 100
 49 131.5 114.6 171.8
 51 54.8 34.3 51.5#
 86 48.7 51.8 77.8#





#21

Allyl Chloride

Concen: 0.052 ppbv

RT: 3.980 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Instrument :

MSVOA_L

ClientSampleId :

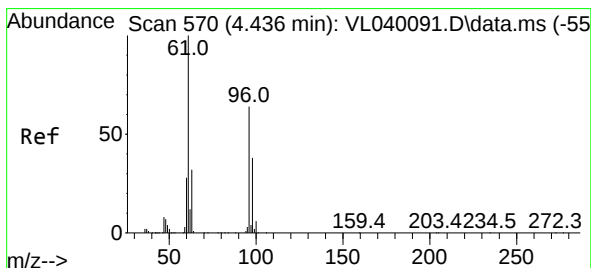
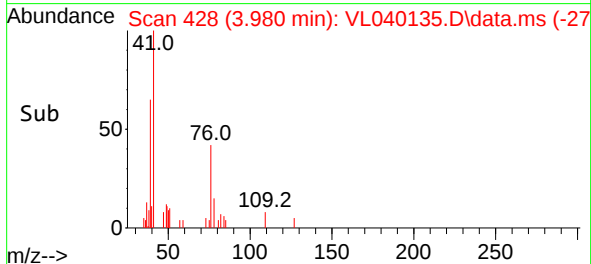
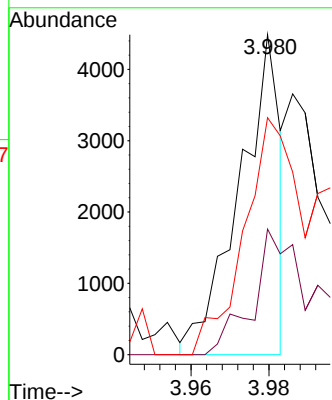
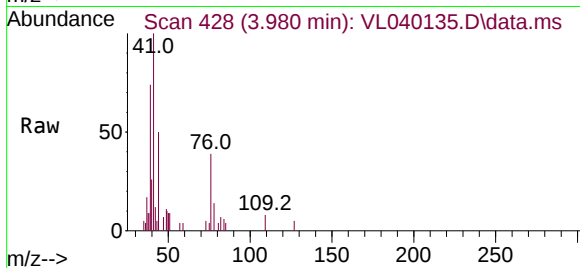
Tgt Ion: 41 Resp: 3285

Ion Ratio Lower Upper

41 100

76 62.2 25.9 38.9#

39 165.5 66.8 100.2#



#22

trans-1,2-Dichloroethene

Concen: 0.055 ppbv

RT: 4.433 min Scan# 569

Delta R.T. 0.003 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

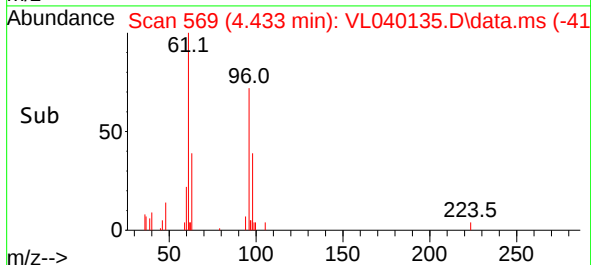
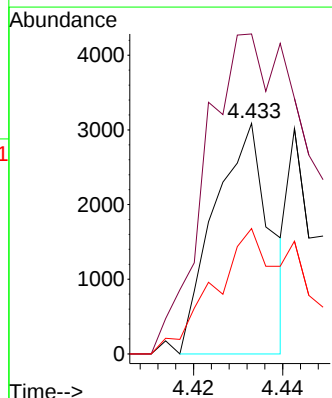
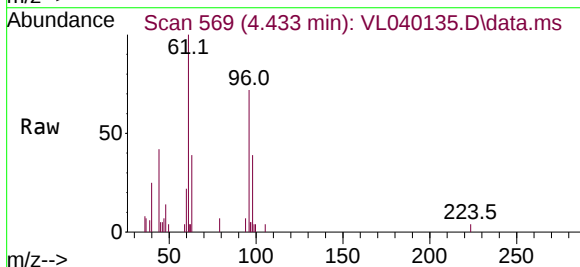
Tgt Ion: 96 Resp: 2664

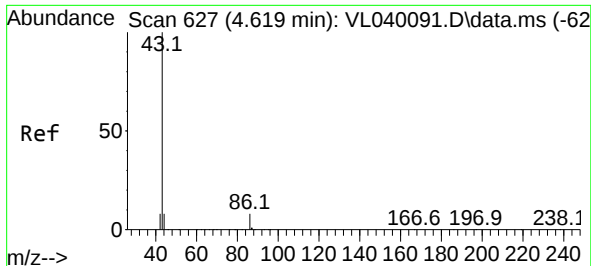
Ion Ratio Lower Upper

96 100

61 109.0 125.8 188.8#

98 45.1 47.4 71.2#

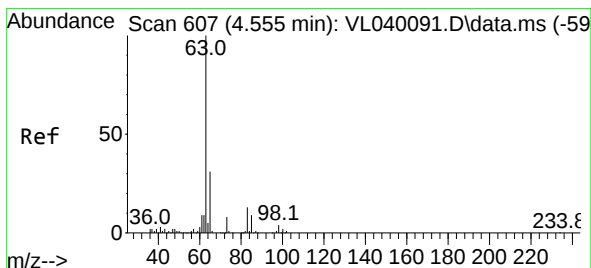
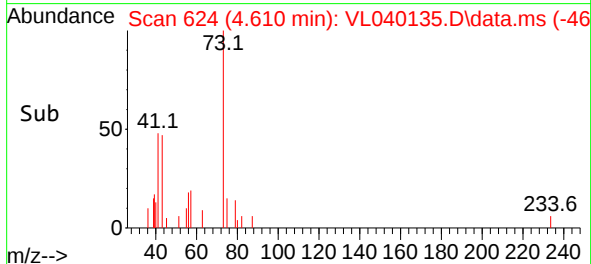
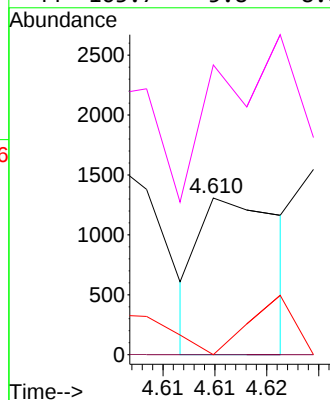
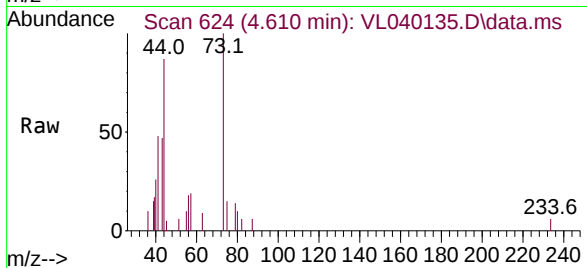




#23
 Vinyl Acetate
 Concen: 0.022 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL040135.D
 Acq: 30 Jan 2023 16:31

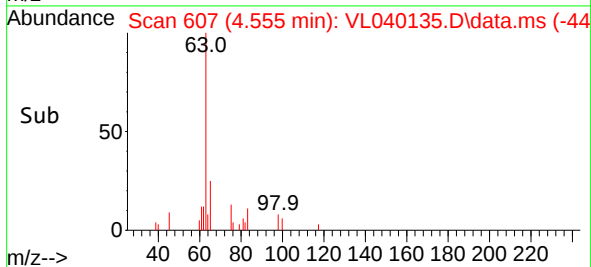
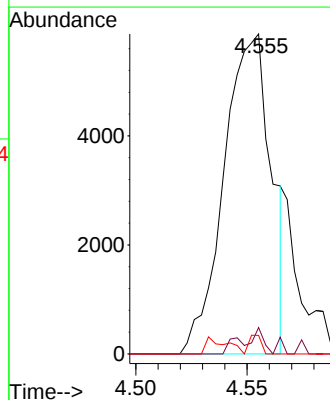
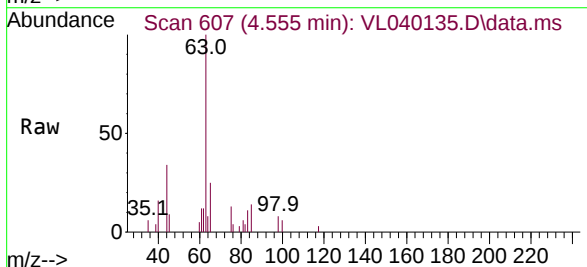
Instrument :
 MSVOA_L
 ClientSampleId :

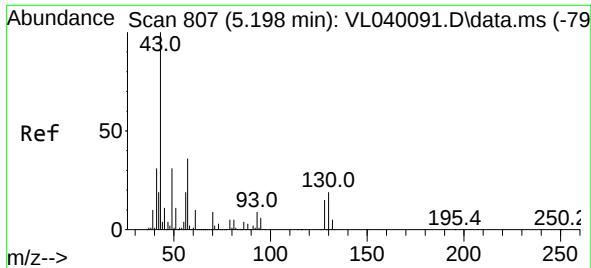
Tgt Ion:	43	Resp:	710
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.6	8.4#
42	0.0	7.7	11.5#
44	163.7	5.8	8.8#



#24
 1,1-Dichloroethane
 Concen: 0.089 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. 0.007 min
 Lab File: VL040135.D
 Acq: 30 Jan 2023 16:31

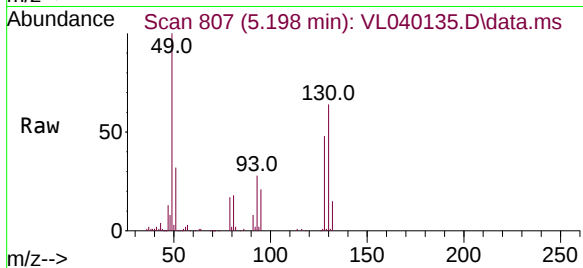
Tgt Ion:	63	Resp:	8627
Ion	Ratio	Lower	Upper
63	100		
98	8.5	2.0	5.8#
100	6.0	1.1	3.5#



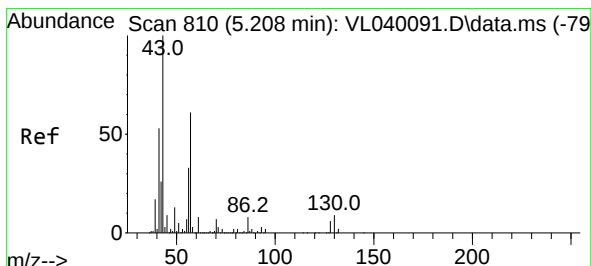
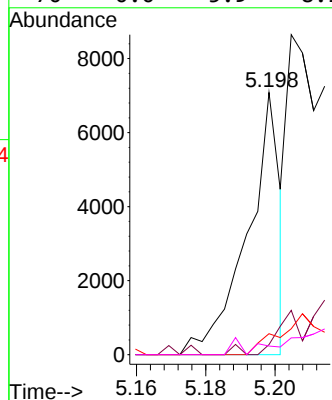
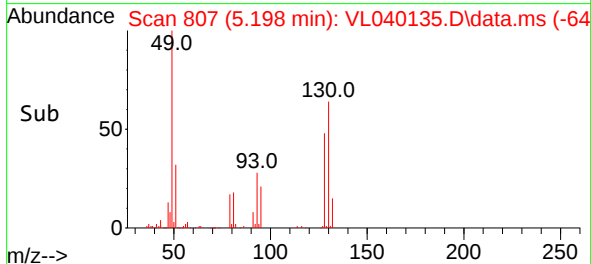


#25
Ethyl Acetate
Concen: 0.026 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.010 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

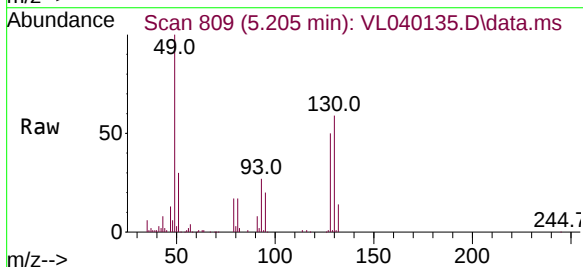
Instrument :
MSVOA_L
ClientSampleId :



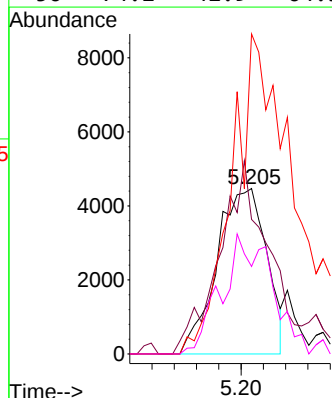
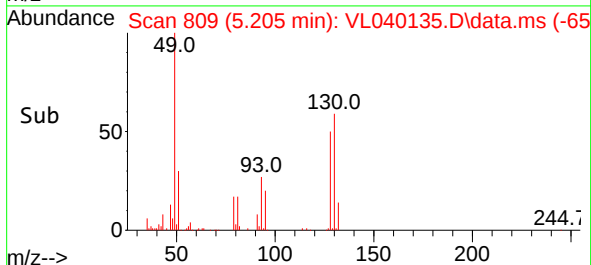
Tgt Ion: 43	Resp: 4607
Ion Ratio	Lower Upper
43 100	
45 0.0	8.5 12.7#
61 0.0	8.4 12.6#
70 0.0	5.9 8.9#

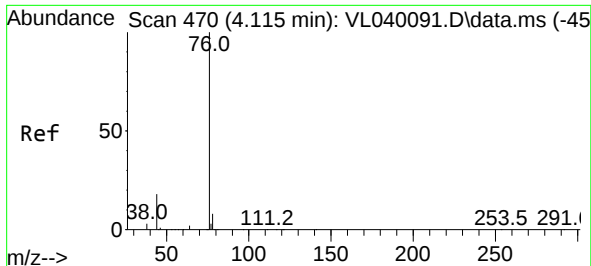


#26
Hexane
Concen: 0.092 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.007 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31



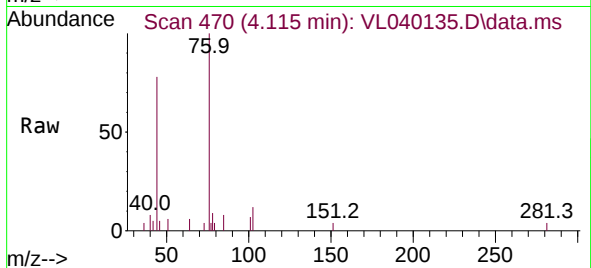
Tgt Ion: 57	Resp: 6970
Ion Ratio	Lower Upper
57 100	
41 127.5	72.2 108.4#
43 275.7	192.1 288.1
56 74.2	42.9 64.3#



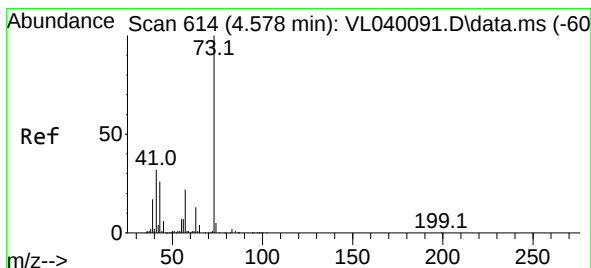
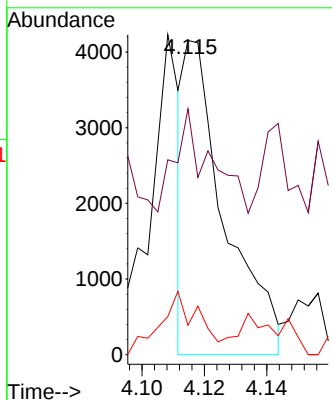
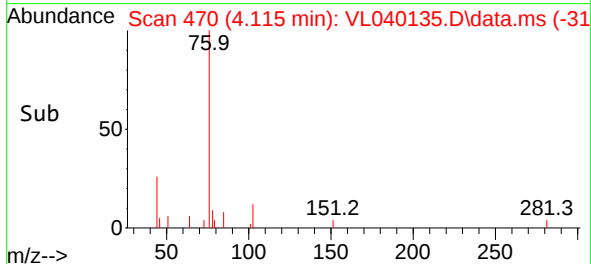


#27
Carbon Disulfide
Concen: 0.038 ppbv
RT: 4.115 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Instrument :
MSVOA_L
ClientSampleId :

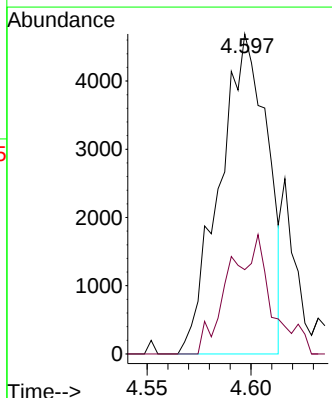
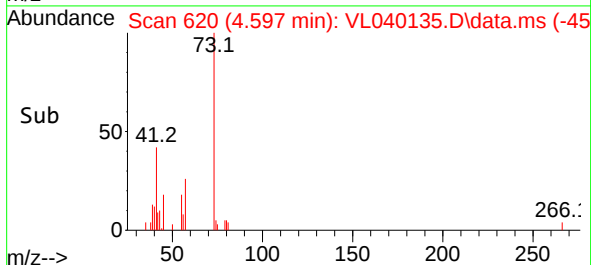
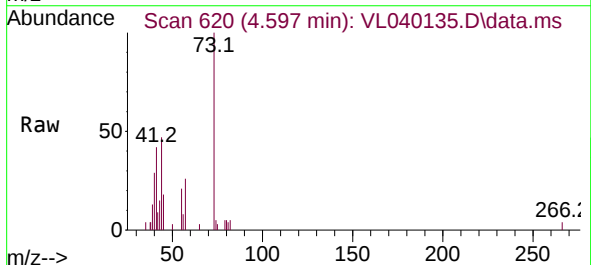


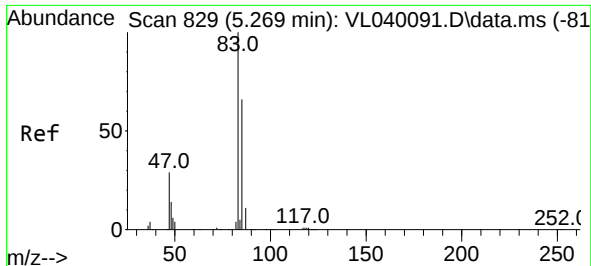
Tgt Ion: 76 Resp: 3766
Ion Ratio Lower Upper
76 100
44 41.4 14.9 22.3#
78 21.4 8.2 12.2#



#28
Methyl tert-Butyl Ether
Concen: 0.088 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.029 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Tgt Ion: 73 Resp: 7520
Ion Ratio Lower Upper
73 100
57 33.8 18.3 27.5#





#29

Chloroform

Concen: 0.073 ppbv

RT: 5.259 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Instrument :

MSVOA_L

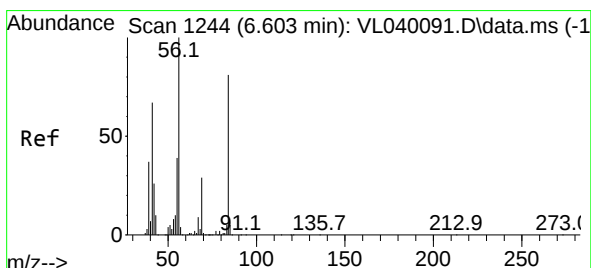
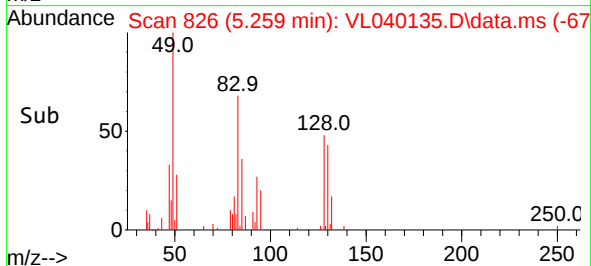
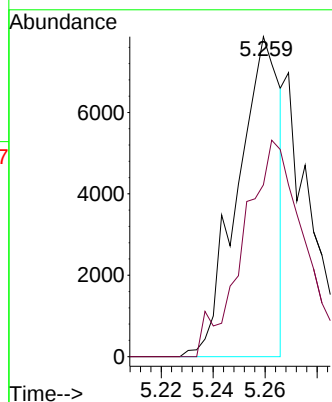
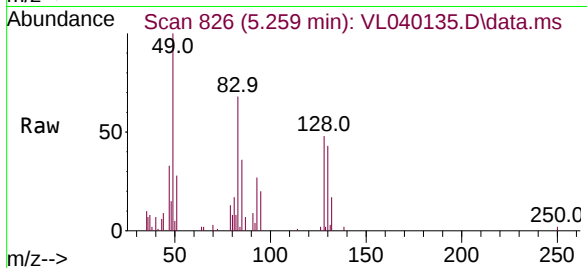
ClientSampleId :

Tgt Ion: 83 Resp: 8876

Ion Ratio Lower Upper

83 100

85 53.7 53.1 79.7



#30

Cyclohexane

Concen: 0.034 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. 0.003 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

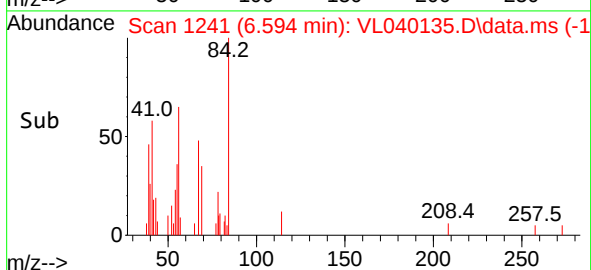
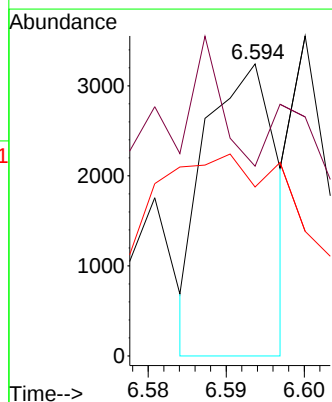
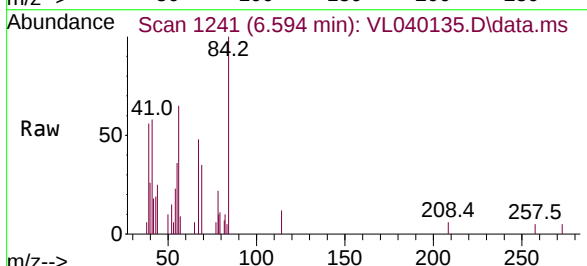
Tgt Ion: 84 Resp: 2087

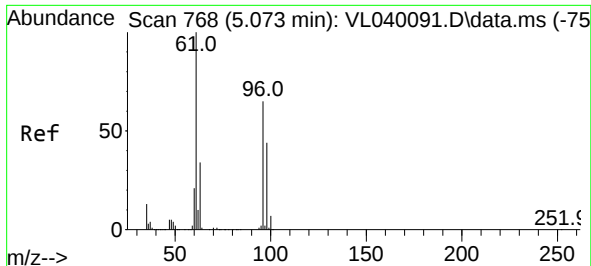
Ion Ratio Lower Upper

84 100

56 254.9 111.5 167.3#

41 239.0 71.4 107.0#

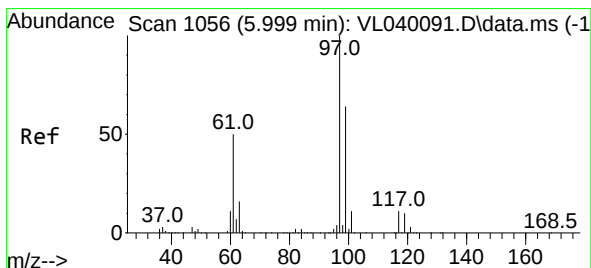
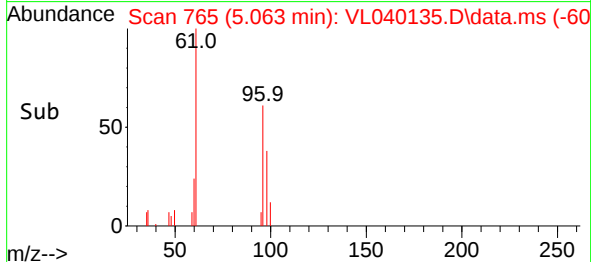
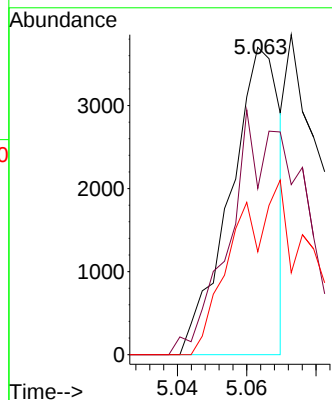
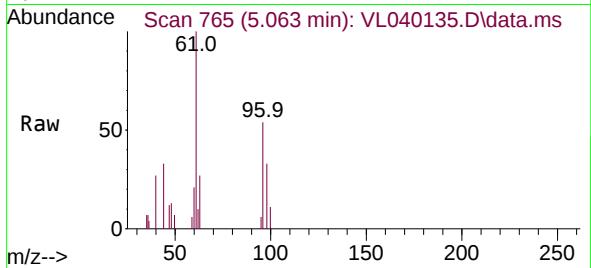




#31
 cis-1,2-Dichloroethene
 Concen: 0.050 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. 0.000 min
 Lab File: VL040135.D
 Acq: 30 Jan 2023 16:31

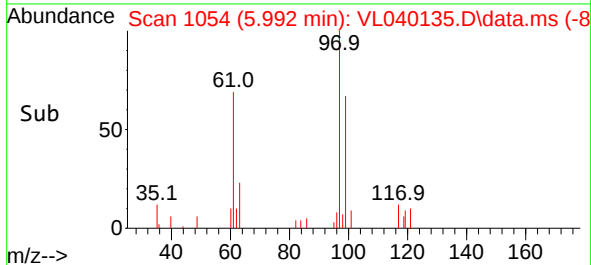
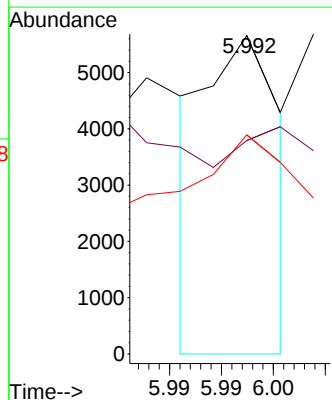
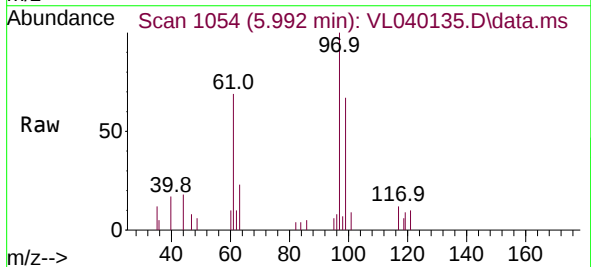
Instrument :
 MSVOA_L
 ClientSampleId :

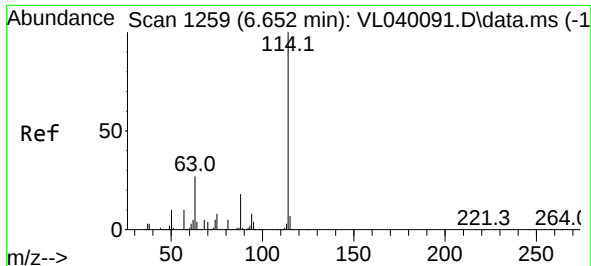
Tgt Ion: 61 Resp: 3695
 Ion Ratio Lower Upper
 61 100
 96 48.4 52.0 78.0#
 98 33.5 35.3 52.9#



#32
 1,1,1-Trichloroethane
 Concen: 0.023 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. 0.003 min
 Lab File: VL040135.D
 Acq: 30 Jan 2023 16:31

Tgt Ion: 97 Resp: 2839
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.8 77.6#
 61 248.5 40.4 60.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Instrument :

MSVOA_L

ClientSampleId :

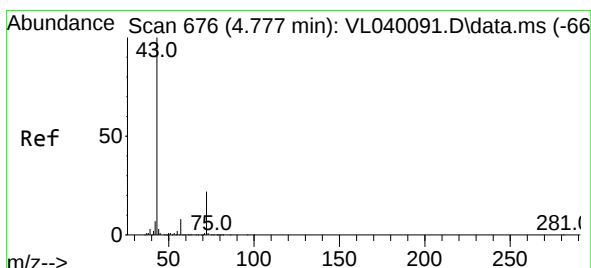
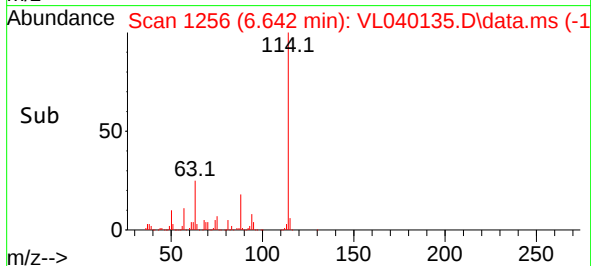
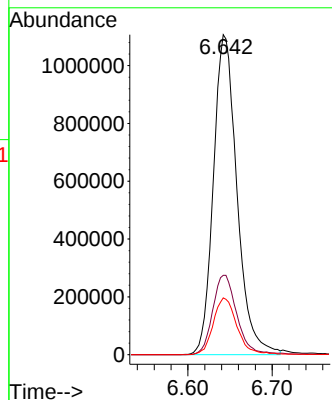
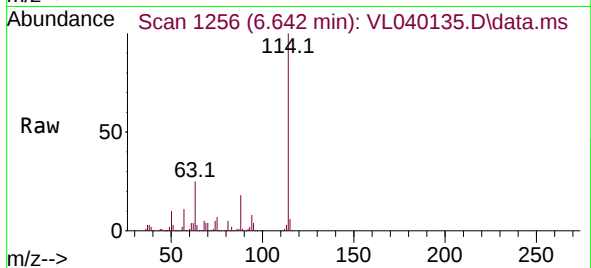
Tgt Ion:114 Resp: 2152959

Ion Ratio Lower Upper

114 100

63 25.7 21.8 32.8

88 18.0 14.8 22.2



#34

2-Butanone

Concen: 0.001 ppbv

RT: 4.751 min Scan# 668

Delta R.T. -0.019 min

Lab File: VL040135.D

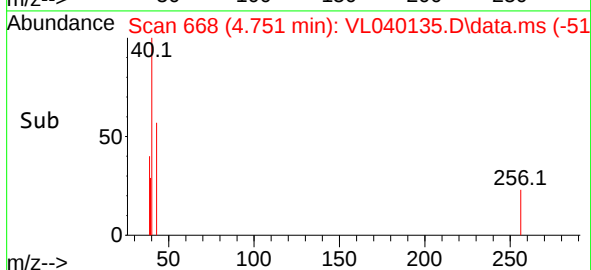
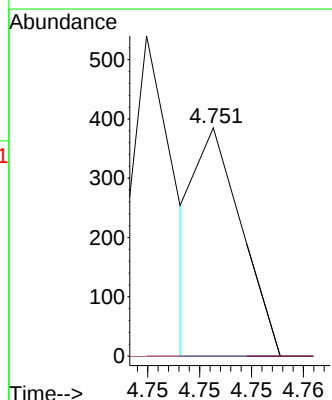
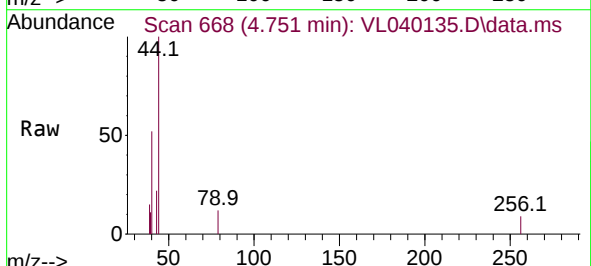
Acq: 30 Jan 2023 16:31

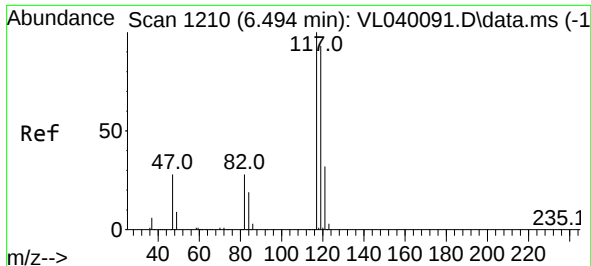
Tgt Ion: 43 Resp: 111

Ion Ratio Lower Upper

43 100

72 0.0 18.4 27.6#

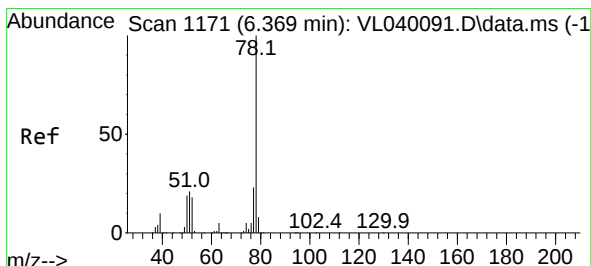
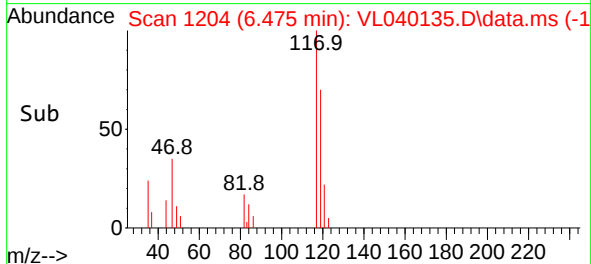
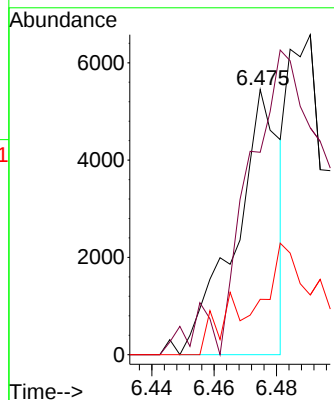
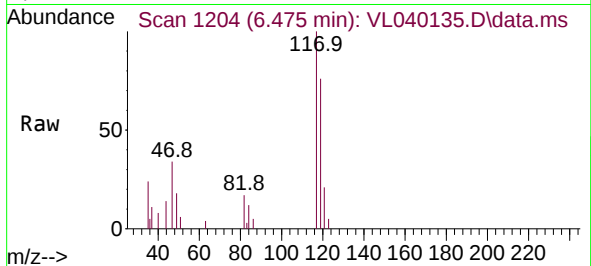




#35
Carbon Tetrachloride
Concen: 0.044 ppbv
RT: 6.475 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

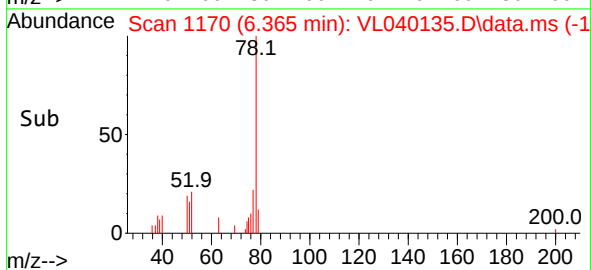
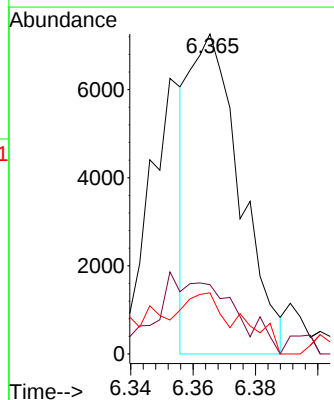
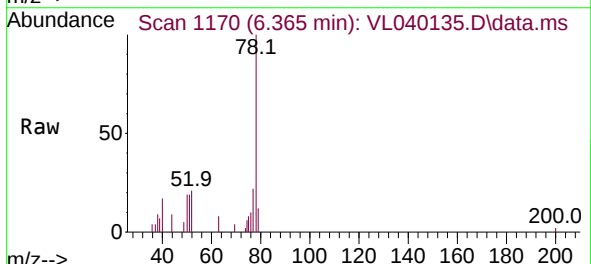
Instrument :
MSVOA_L
ClientSampleId :

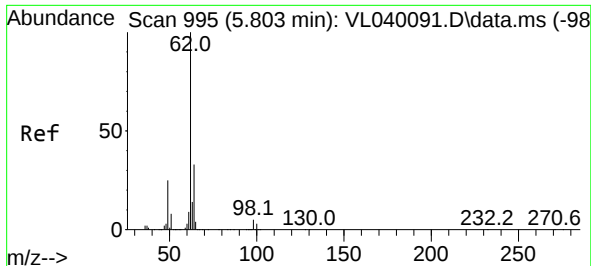
Tgt Ion:117 Resp: 5314
Ion Ratio Lower Upper
117 100
119 65.7 74.5 111.7#
121 20.9 25.4 38.0#



#36
Benzene
Concen: 0.052 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.007 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Tgt Ion: 78 Resp: 8250
Ion Ratio Lower Upper
78 100
77 24.4 18.1 27.1
50 21.6 15.6 23.4

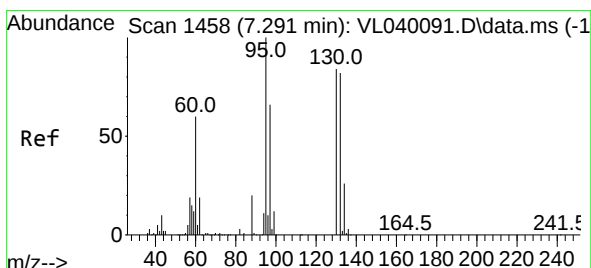
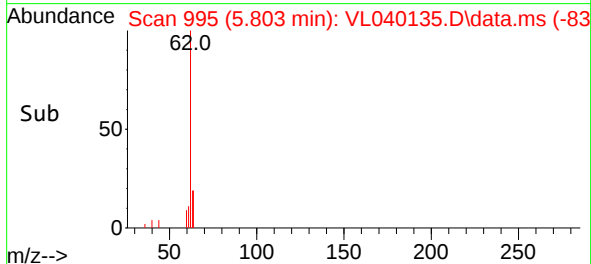
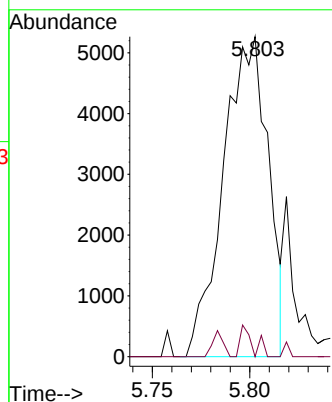
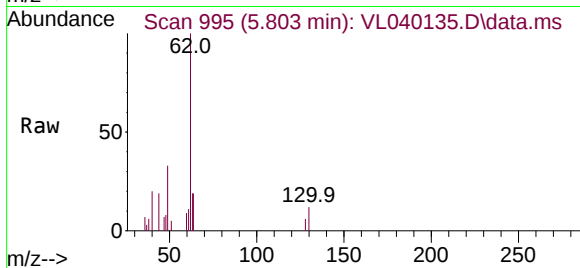




#37
1,2-Dichloroethane
Concen: 0.082 ppbv
RT: 5.803 min Scan# 995
Delta R.T. 0.013 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

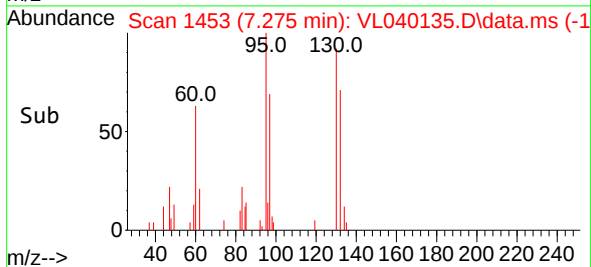
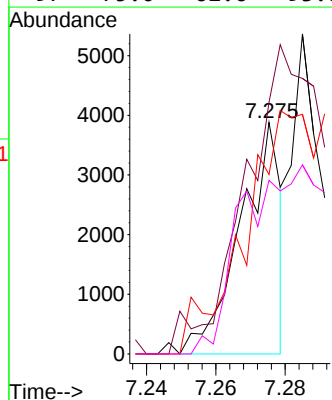
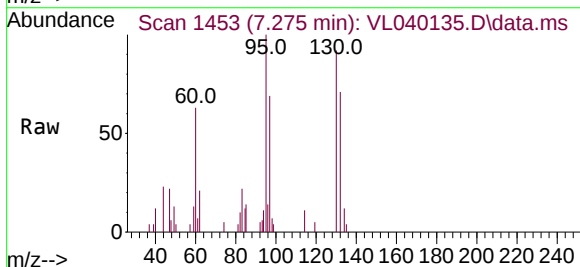
Instrument :
MSVOA_L
ClientSampleId :

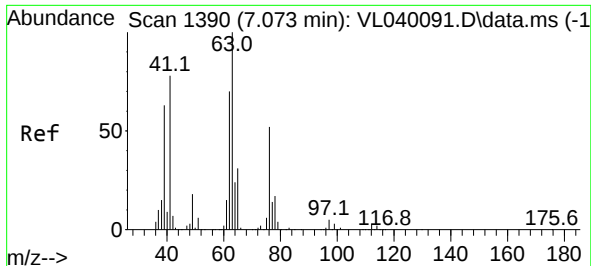
Tgt Ion: 62 Resp: 8407
Ion Ratio Lower Upper
62 100
98 5.3 4.4 6.6



#38
Trichloroethene
Concen: 0.034 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. -0.003 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Tgt Ion:130 Resp: 3096
Ion Ratio Lower Upper
130 100
95 90.2 95.0 142.6#
132 77.6 77.9 116.9#
97 75.0 62.6 93.8





#39

1,2-Dichloropropane

Concen: 8.741 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.418 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Instrument :

MSVOA_L

ClientSampleId :

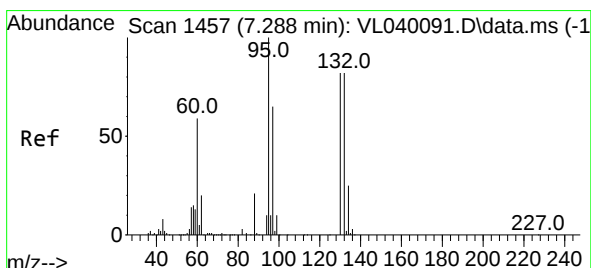
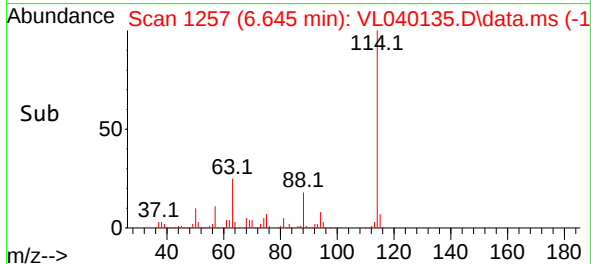
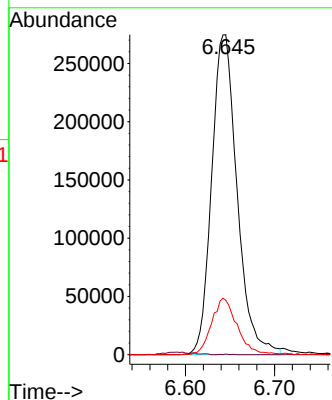
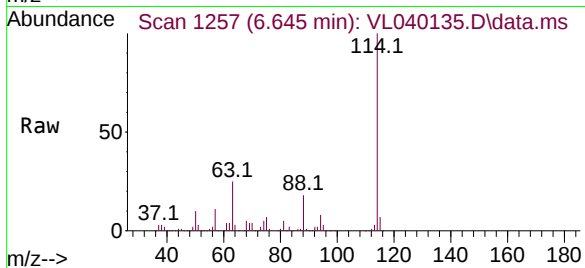
Tgt Ion: 63 Resp: 544706

Ion Ratio Lower Upper

63 100

41 0.1 62.2 93.4#

62 17.0 55.8 83.8#



#40

1,4-Dioxane

Concen: 0.002 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.035 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Tgt Ion: 88 Resp: 60

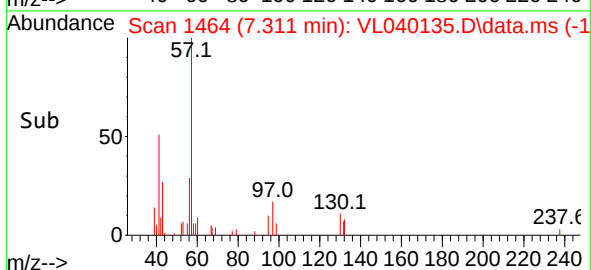
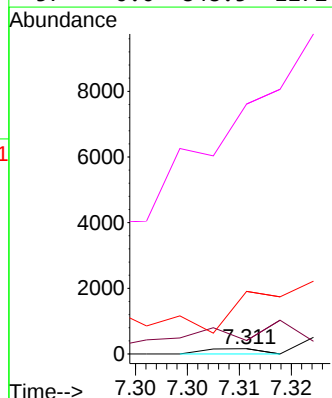
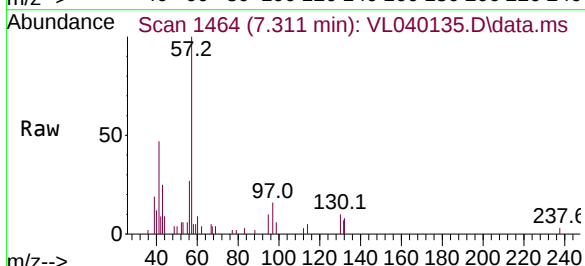
Ion Ratio Lower Upper

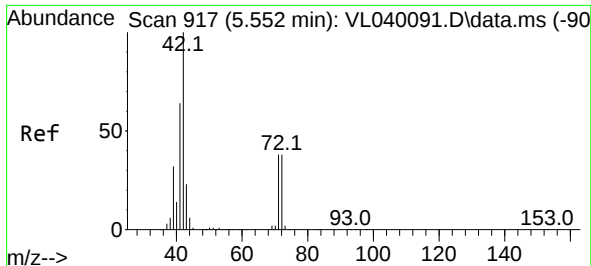
88 100

58 0.0 97.5 146.3#

43 0.0 195.0 292.4#

57 0.0 848.5 1272.7#





#41

Tetrahydrofuran

Concen: 0.002 ppbv

RT: 5.507 min Scan# 90

Delta R.T. -0.035 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Instrument :

MSVOA_L

ClientSampleId :

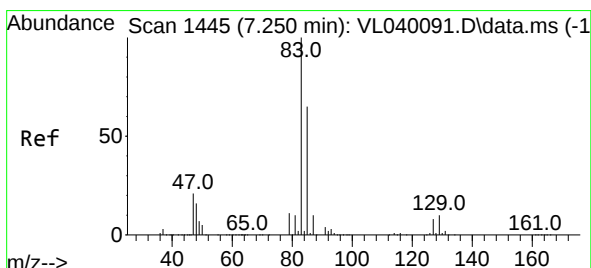
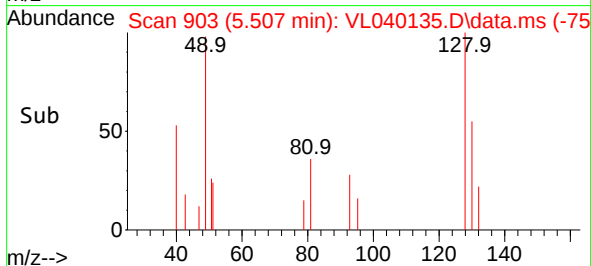
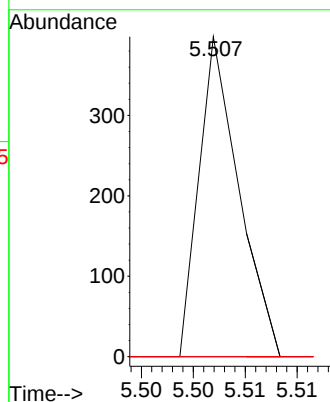
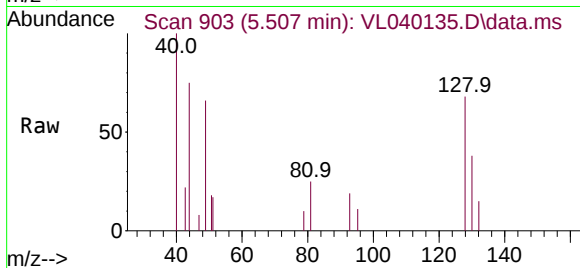
Tgt Ion: 42 Resp: 106

Ion Ratio Lower Upper

42 100

72 0.0 31.9 47.9#

71 0.0 31.4 47.2#



#42

Bromodichloromethane

Concen: 0.021 ppbv

RT: 7.237 min Scan# 1441

Delta R.T. 0.000 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

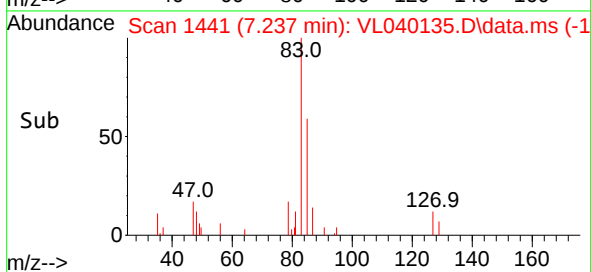
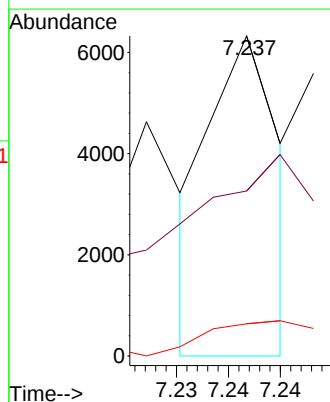
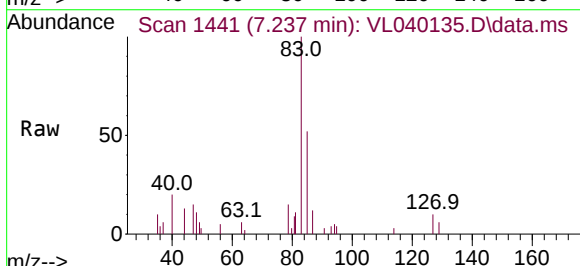
Tgt Ion: 83 Resp: 2953

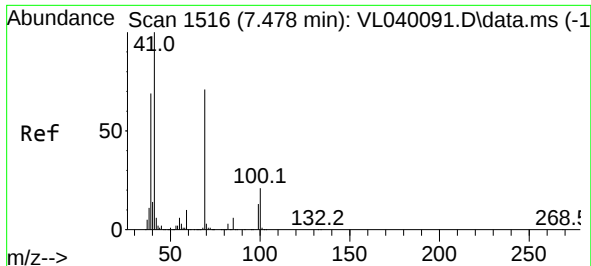
Ion Ratio Lower Upper

83 100

85 21.0 51.7 77.5#

127 14.8 6.2 9.2#

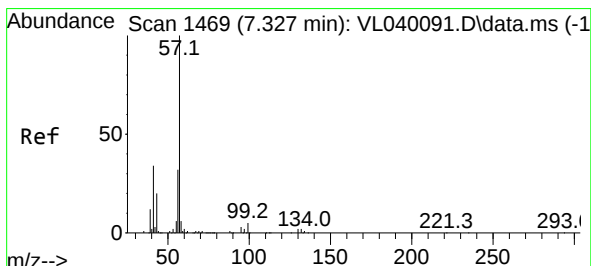
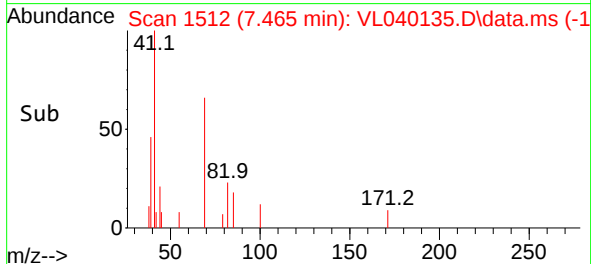
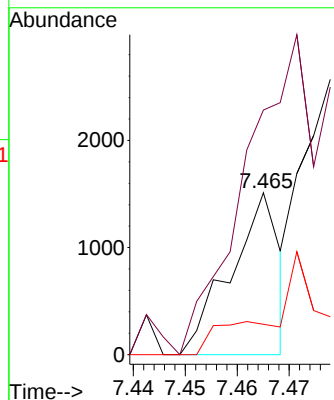
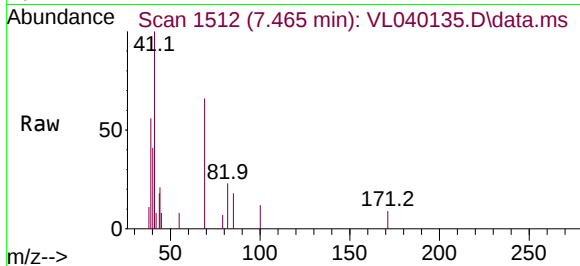




#43
Methyl Methacrylate
Concen: 0.017 ppbv
RT: 7.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

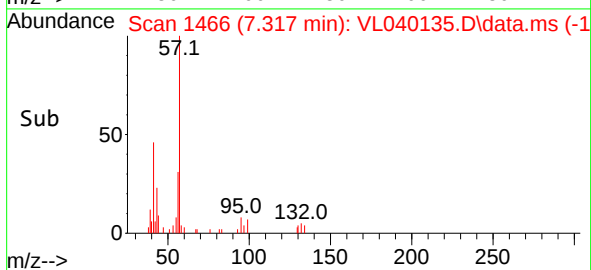
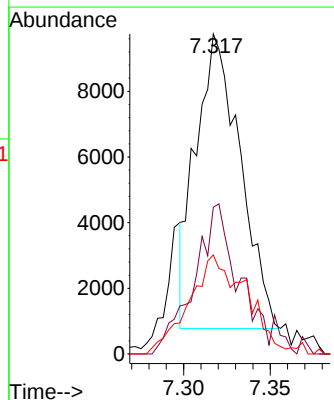
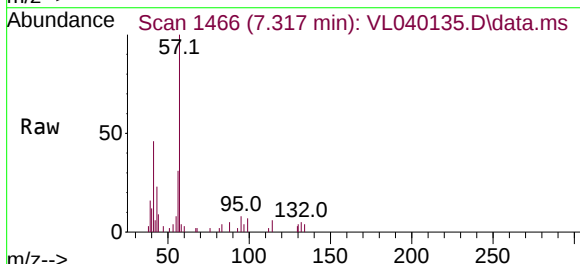
Instrument :
MSVOA_L
ClientSampleId :

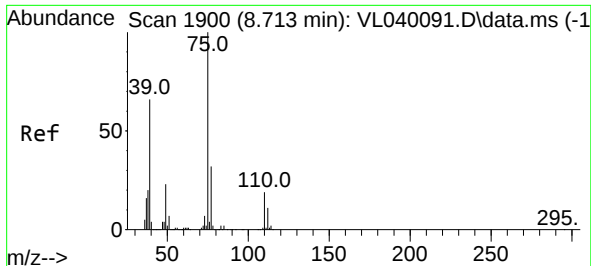
Tgt Ion: 69 Resp: 992
Ion Ratio Lower Upper
69 100
41 667.4 118.2 177.2#
100 0.0 24.2 36.4#



#44
2,2,4-Trimethylpentane
Concen: 0.060 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.003 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Tgt Ion: 57 Resp: 15905
Ion Ratio Lower Upper
57 100
41 55.4 27.1 40.7#
56 44.2 25.0 37.4#





#45

t-1,3-Dichloropropene

Concen: 0.008 ppbv

RT: 8.690 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Instrument :

MSVOA_L

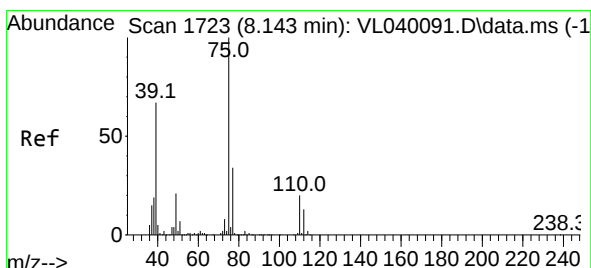
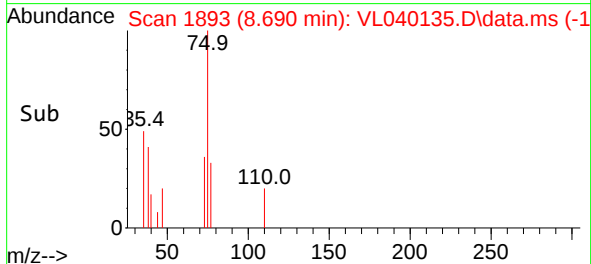
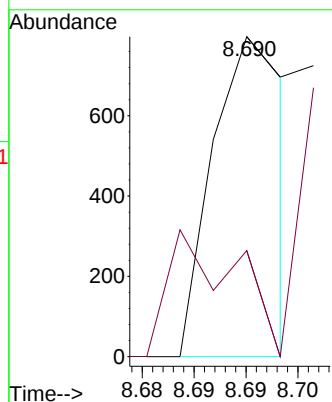
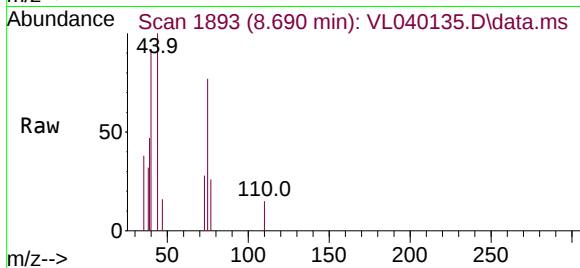
ClientSampleId :

Tgt Ion: 75 Resp: 393

Ion Ratio Lower Upper

75 100

77 33.1 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 0.019 ppbv

RT: 8.124 min Scan# 1717

Delta R.T. -0.006 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

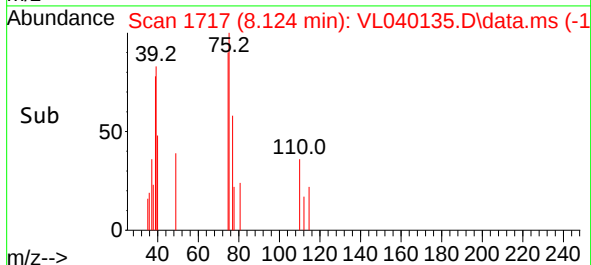
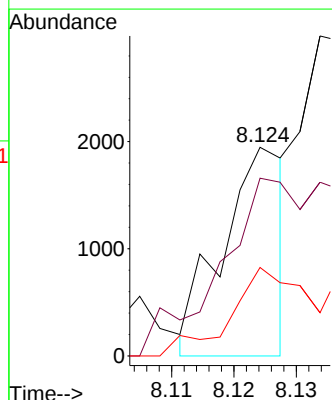
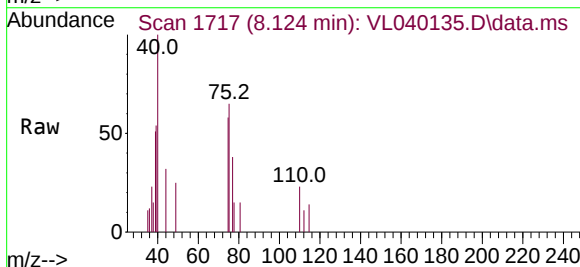
Tgt Ion: 75 Resp: 1357

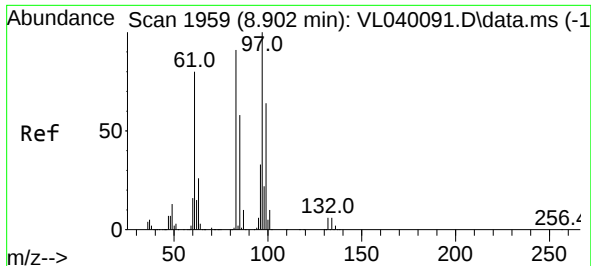
Ion Ratio Lower Upper

75 100

39 75.7 53.6 80.4

77 36.3 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 0.048 ppbv

RT: 8.889 min Scan# 1959

Delta R.T. 0.003 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 3146

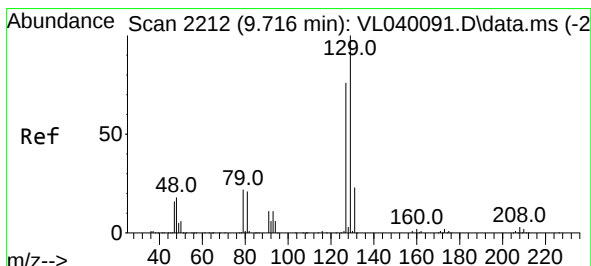
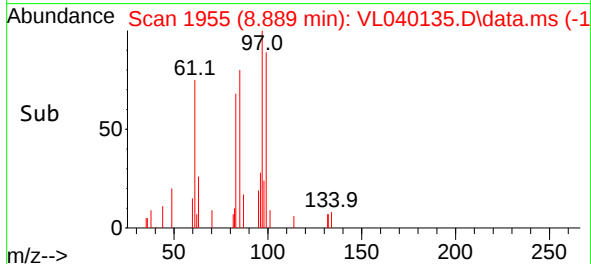
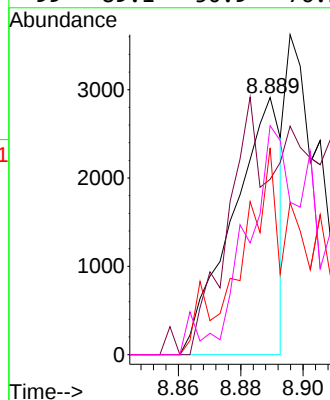
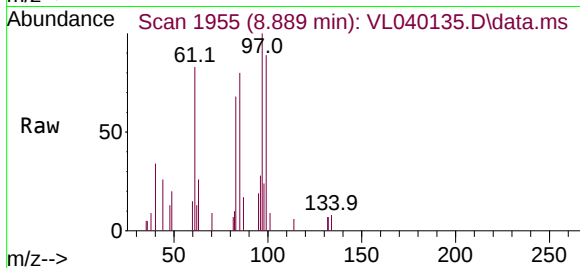
Ion Ratio Lower Upper

97 100

83 68.2 72.9 109.3#

85 80.5 46.0 69.0#

99 89.1 50.9 76.3#



#48

Dibromochloromethane

Concen: 0.037 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. 0.003 min

Lab File: VL040135.D

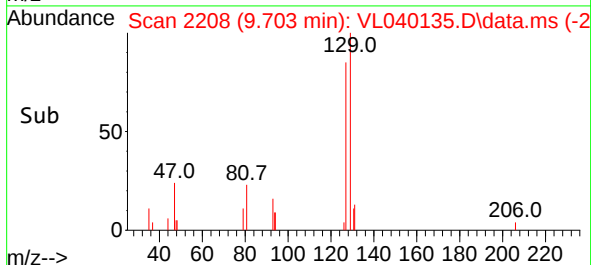
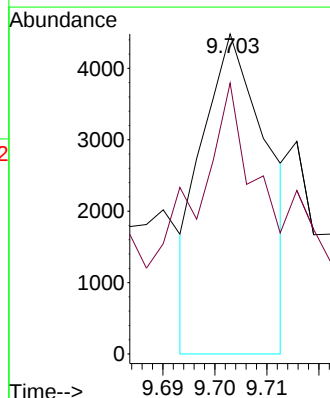
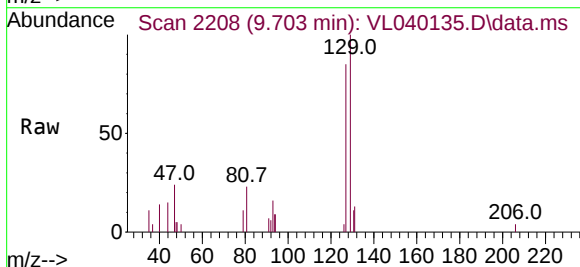
Acq: 30 Jan 2023 16:31

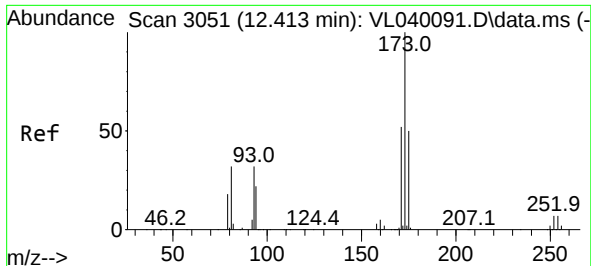
Tgt Ion: 129 Resp: 3903

Ion Ratio Lower Upper

129 100

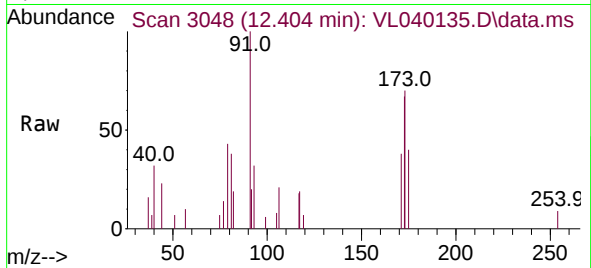
127 153.7 39.3 117.9#



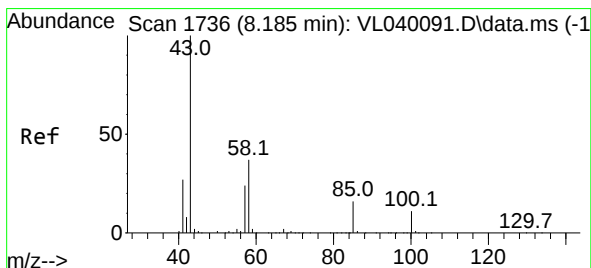
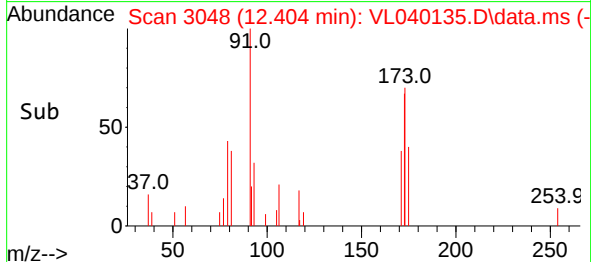
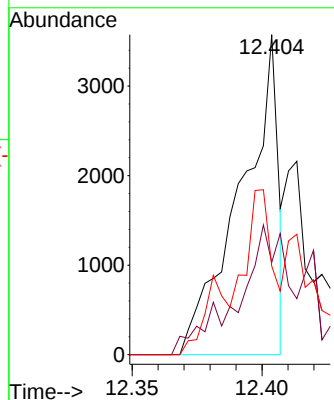


#49
Bromoform
Concen: 0.044 ppbv
RT: 12.404 min Scan# 3051
Delta R.T. 0.007 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Instrument :
MSVOA_L
ClientSampleId :

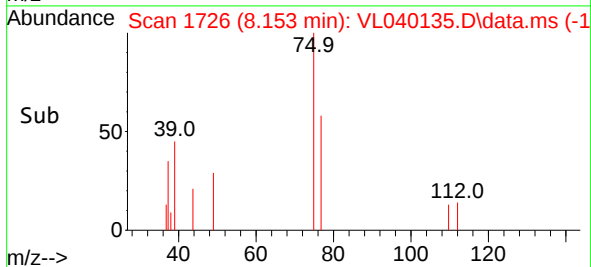
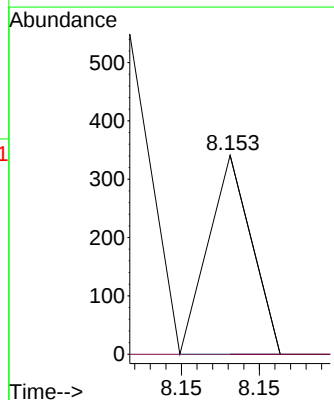
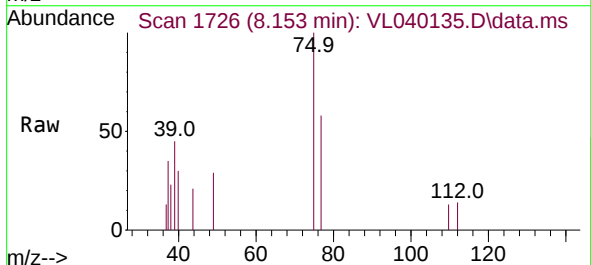


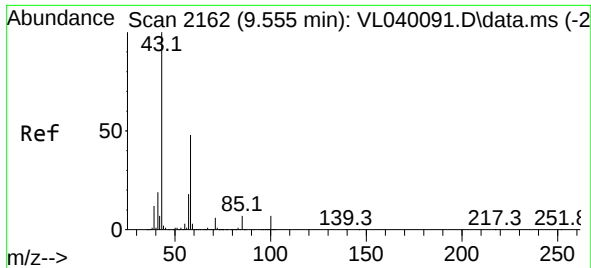
Tgt Ion:173 Resp: 3571
Ion Ratio Lower Upper
173 100
175 70.5 39.7 59.5#
171 89.8 42.2 63.2#



#50
4-Methyl-2-Pentanone
Concen: 0.000 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. -0.016 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#

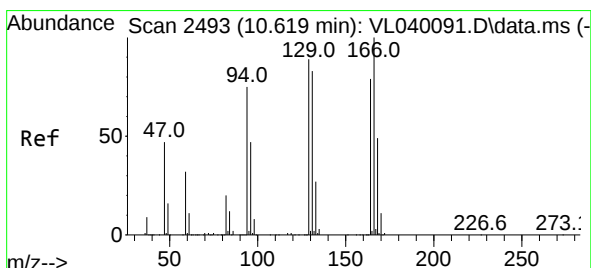
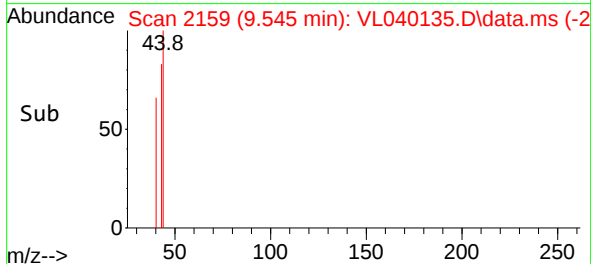
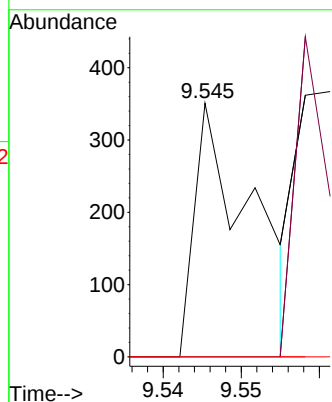
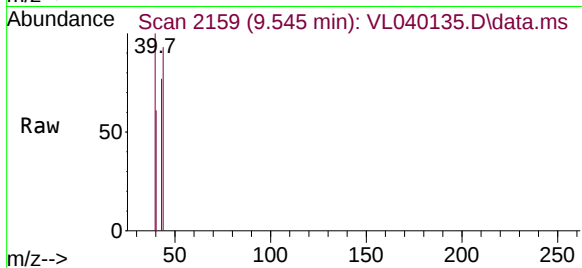




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.545 min Scan# 2162
Delta R.T. 0.003 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

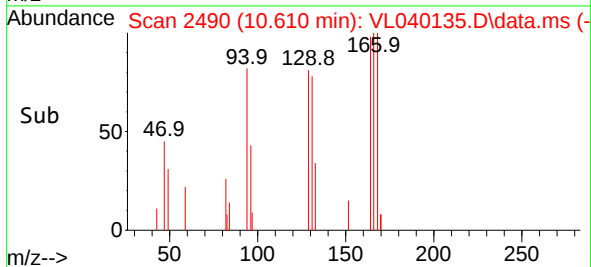
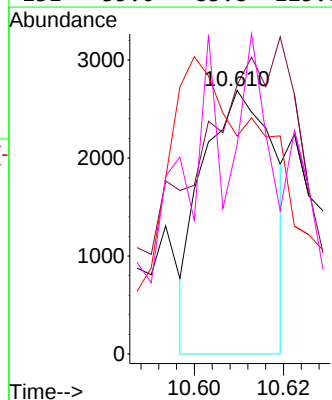
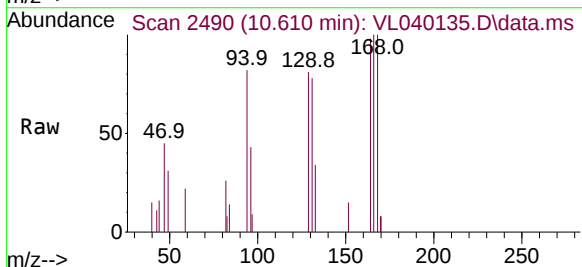
Instrument :
MSVOA_L
ClientSampleId :

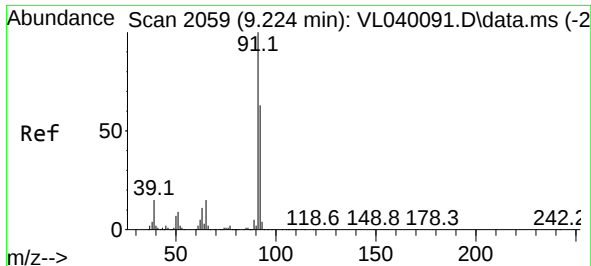
Tgt Ion: 43 Resp: 177
Ion Ratio Lower Upper
43 100
58 0.0 37.5 56.3#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.057 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.003 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Tgt Ion: 164 Resp: 2996
Ion Ratio Lower Upper
164 100
166 56.1 101.2 151.8#
129 0.0 90.2 135.2#
131 35.0 83.8 125.8#

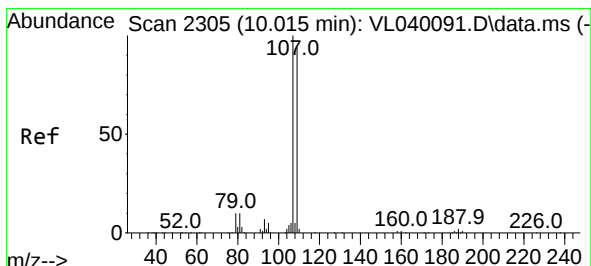
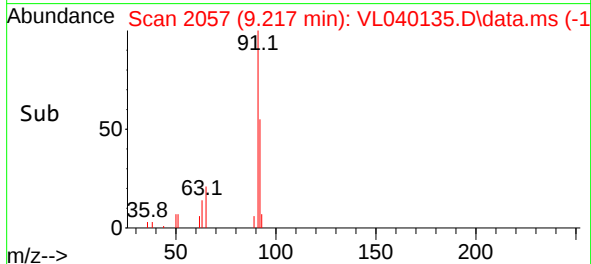
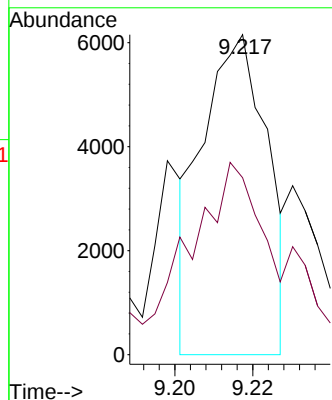
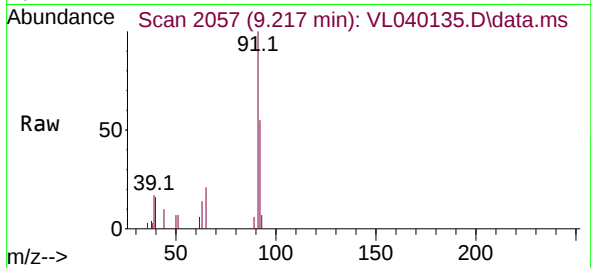




#53
Toluene
Concen: 0.042 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.007 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

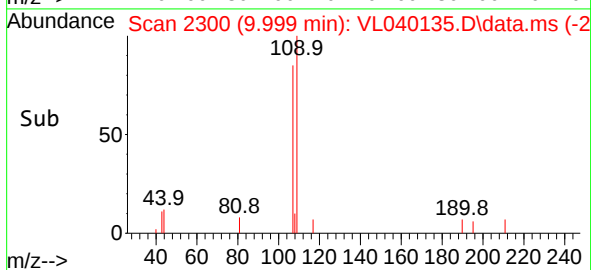
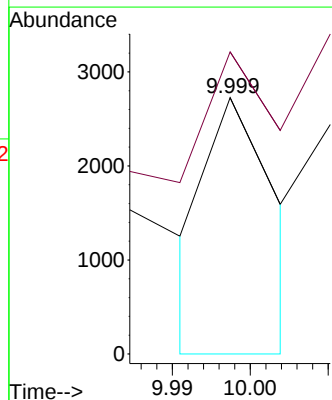
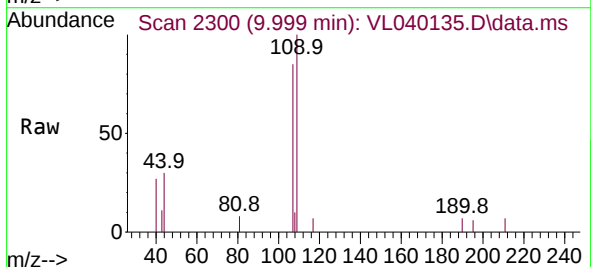
Instrument :
MSVOA_L
ClientSampleId :

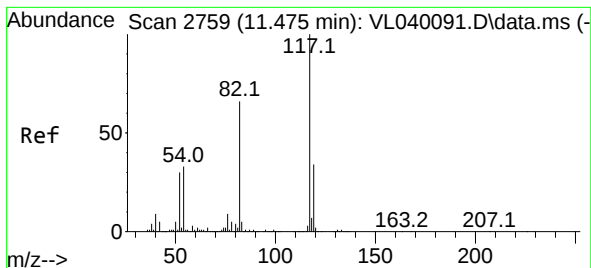
Tgt Ion: 91 Resp: 7132
Ion Ratio Lower Upper
91 100
92 94.8 48.3 72.5#



#54
1,2-Dibromoethane
Concen: 0.012 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Tgt Ion: 107 Resp: 833
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.4

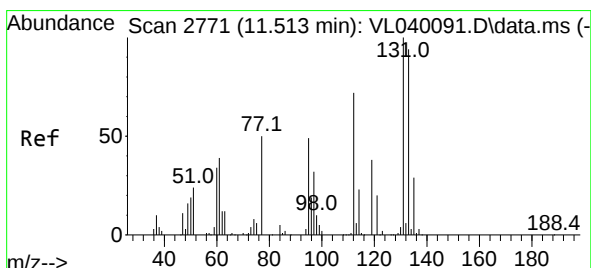
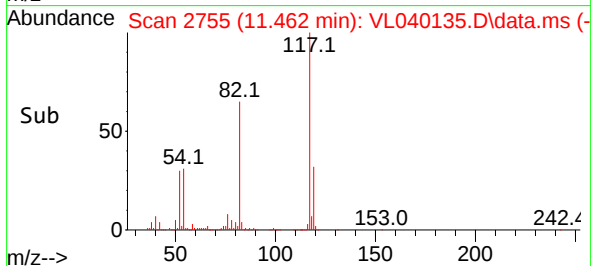
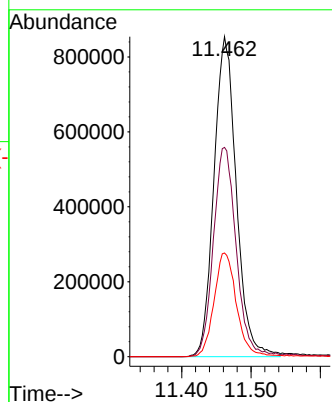
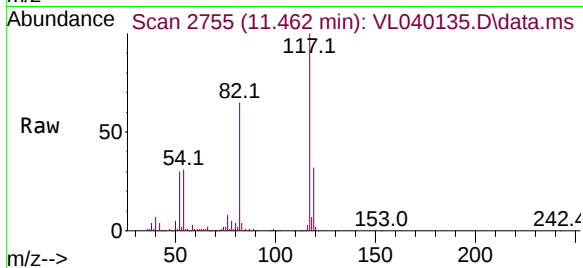




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

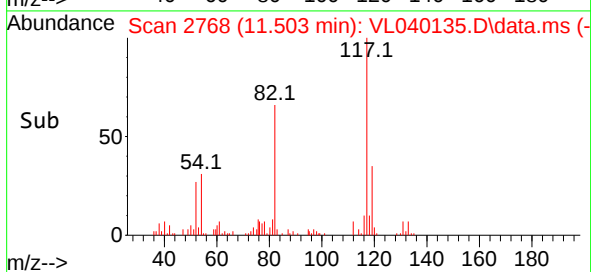
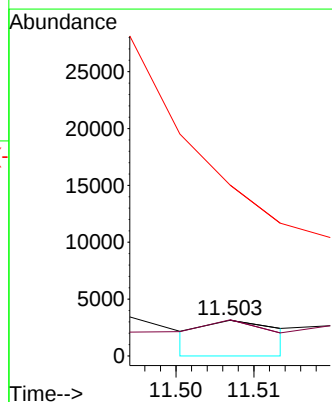
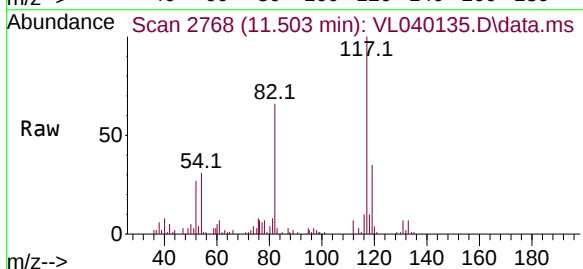
Instrument :
MSVOA_L
ClientSampleId :

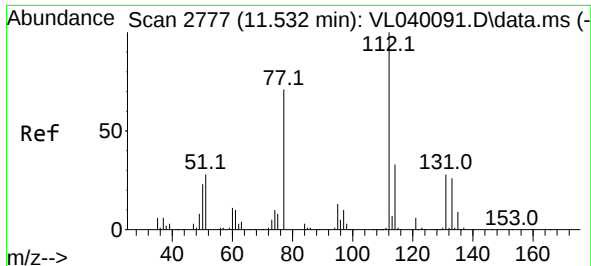
Tgt Ion:117 Resp: 1915754
Ion Ratio Lower Upper
117 100
82 67.3 54.4 81.6
119 33.0 26.8 40.2



#56
1,1,1,2-Tetrachloroethane
Concen: 0.014 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Tgt Ion:131 Resp: 1075
Ion Ratio Lower Upper
131 100
133 629.9 75.6 113.4#
119 0.0 47.2 70.8#

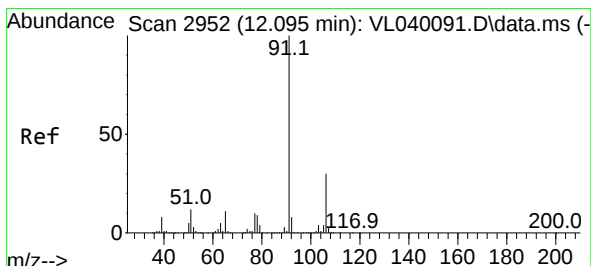
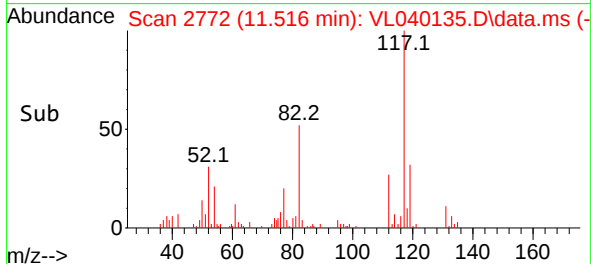
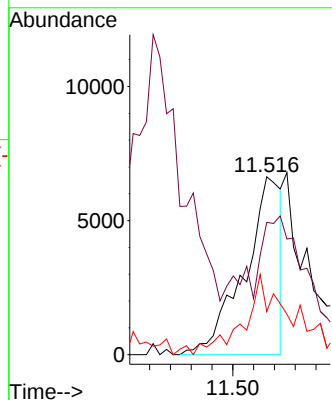
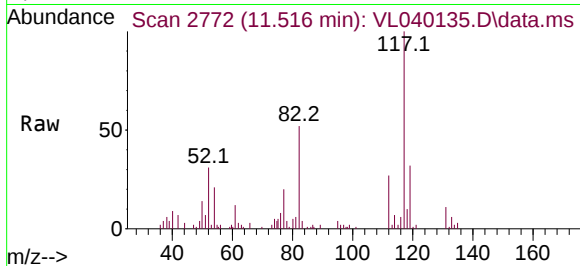




#57
Chlorobenzene
Concen: 0.062 ppbv
RT: 11.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

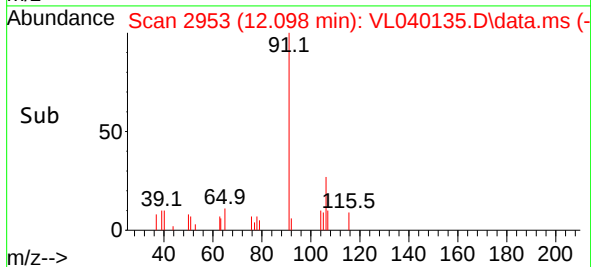
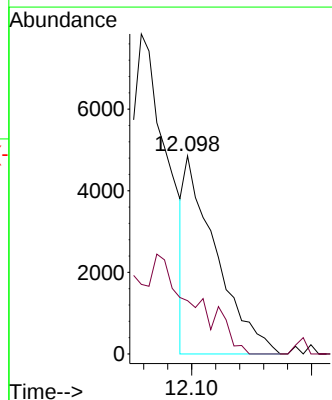
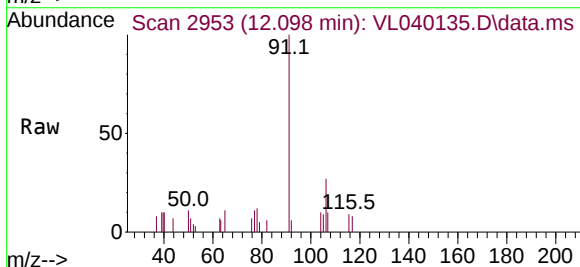
Instrument :
MSVOA_L
ClientSampleId :

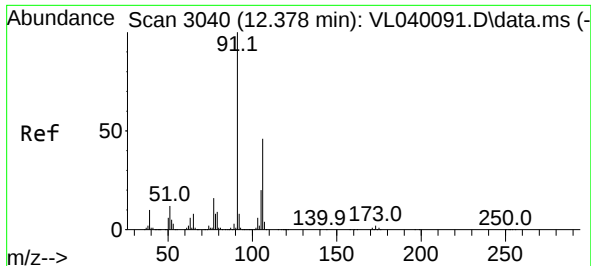
Tgt Ion:112 Resp: 8087
Ion Ratio Lower Upper
112 100
77 0.0 57.3 85.9#
114 21.3 29.6 36.2#



#58
Ethyl Benzene
Concen: 0.021 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.016 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Tgt Ion: 91 Resp: 4445
Ion Ratio Lower Upper
91 100
106 26.9 23.7 35.5





#59

m/p-Xylene

Concen: 0.010 ppbv

RT: 12.368 min Scan# 3040

Delta R.T. 0.003 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Instrument :

MSVOA_L

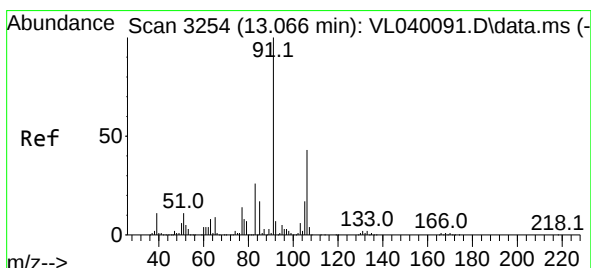
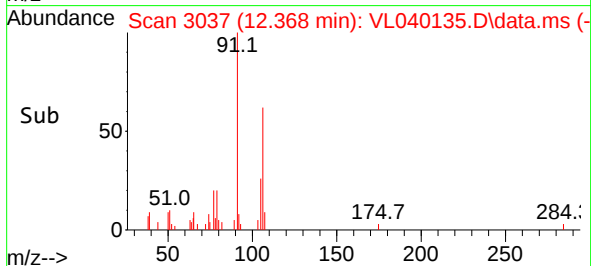
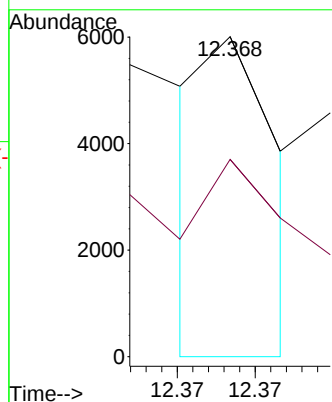
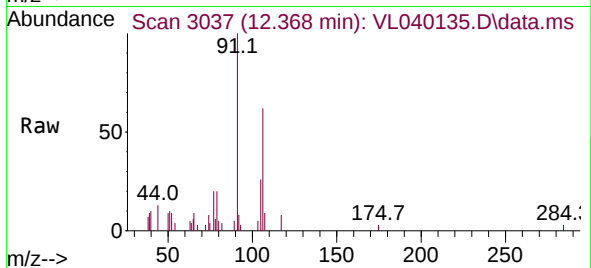
ClientSampleId :

Tgt Ion: 91 Resp: 1904

Ion Ratio Lower Upper

91 100

106 548.0 34.2 51.4#



#60

o-Xylene

Concen: 0.031 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.007 min

Lab File: VL040135.D

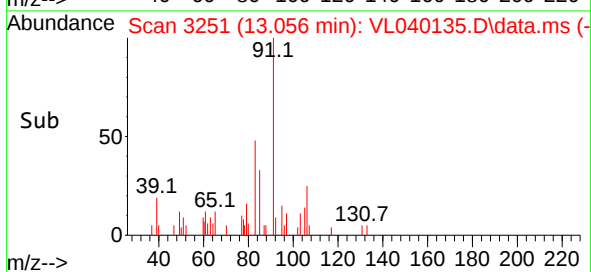
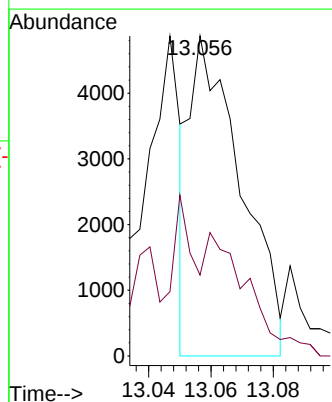
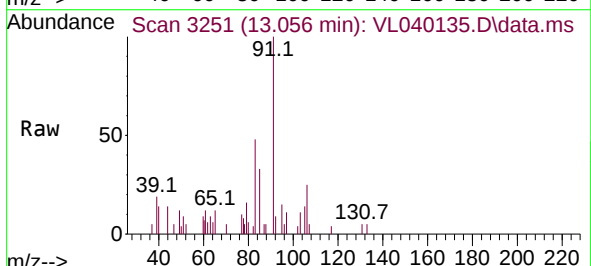
Acq: 30 Jan 2023 16:31

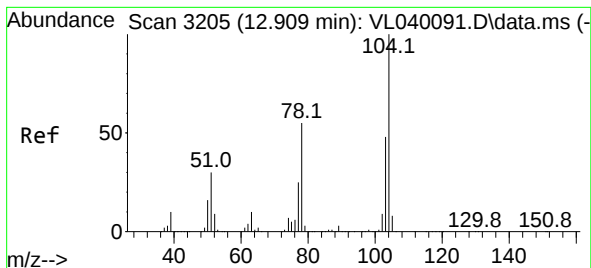
Tgt Ion: 91 Resp: 5612

Ion Ratio Lower Upper

91 100

106 0.0 21.6 64.8#





#61

Styrene

Concen: 0.023 ppbv

RT: 12.902 min Scan# 31

Delta R.T. 0.010 min MSVOA_L

Lab File: VL040135.D

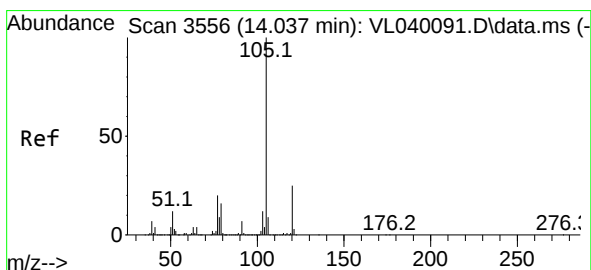
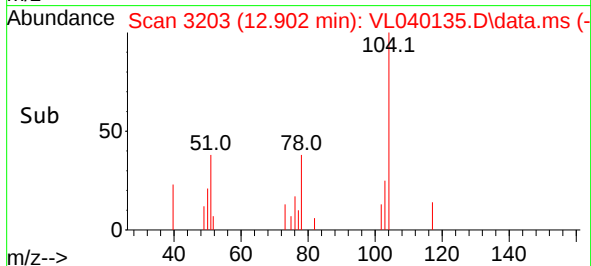
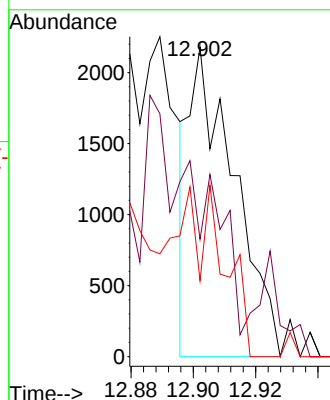
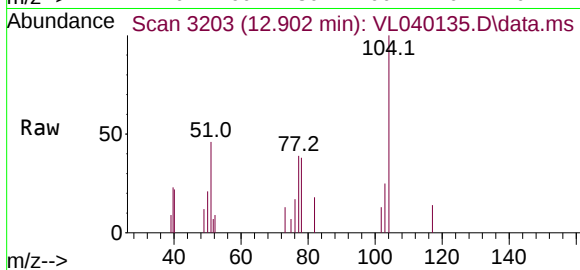
Acq: 30 Jan 2023 16:31

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:104 Resp: 2195
 Ion Ratio Lower Upper
 104 100
 78 0.0 44.0 66.0#
 103 99.3 37.8 56.6#



#62

Isopropylbenzene

Concen: 0.036 ppbv

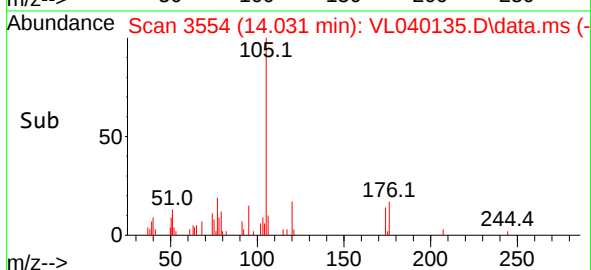
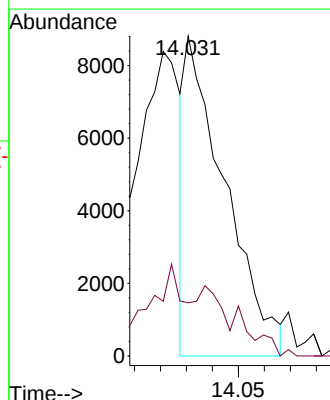
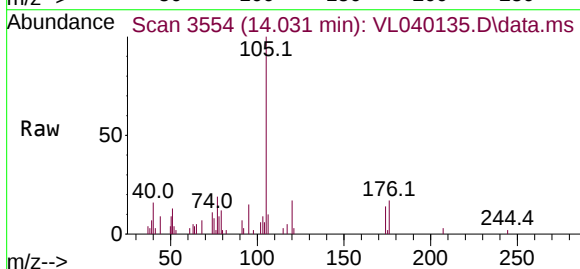
RT: 14.031 min Scan# 3554

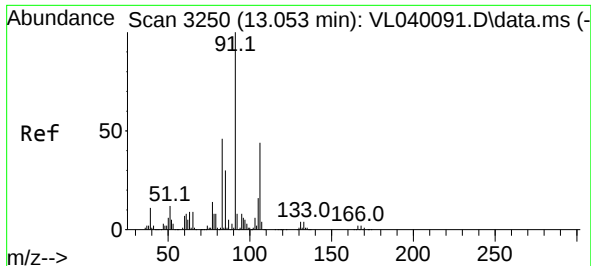
Delta R.T. 0.007 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Tgt Ion:105 Resp: 9432
 Ion Ratio Lower Upper
 105 100
 120 0.0 20.2 30.2#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.050 ppbv

RT: 13.047 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Instrument :

MSVOA_L

ClientSampleId :

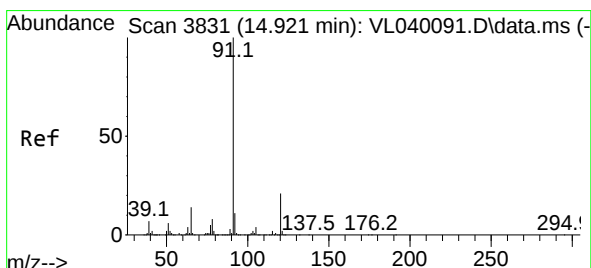
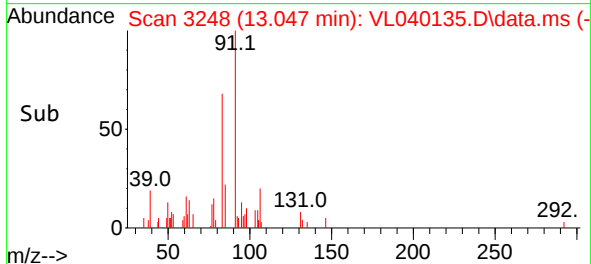
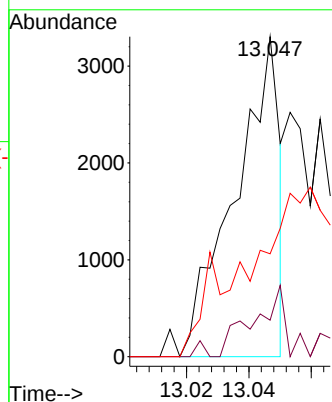
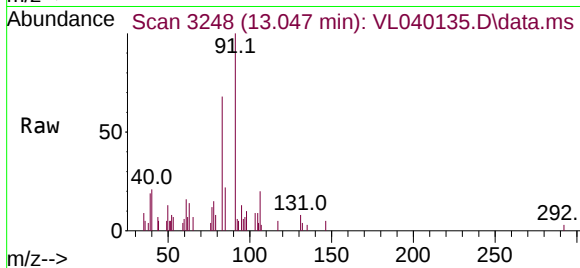
Tgt Ion: 83 Resp: 3291

Ion Ratio Lower Upper

83 100

131 23.6 4.3 13.1#

85 0.0 32.5 97.5#



#64

n-propylbenzene

Concen: 0.008 ppbv

RT: 14.915 min Scan# 3829

Delta R.T. 0.003 min

Lab File: VL040135.D

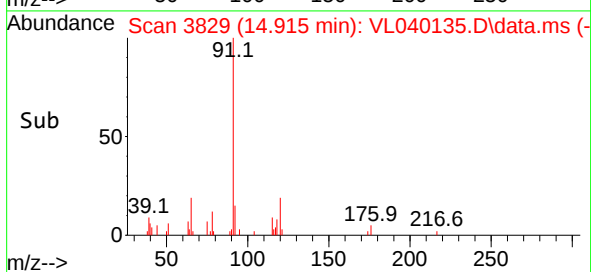
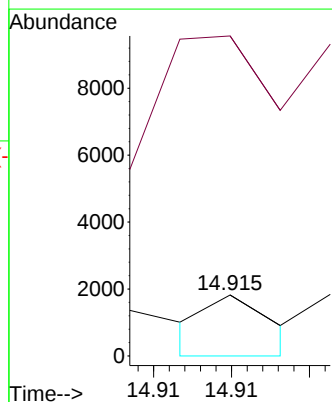
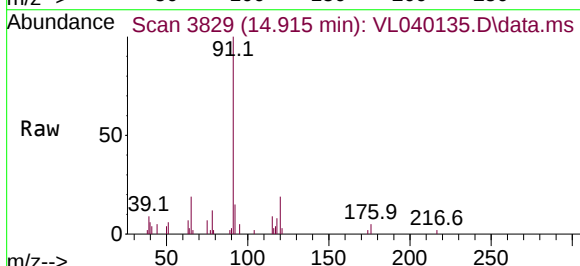
Acq: 30 Jan 2023 16:31

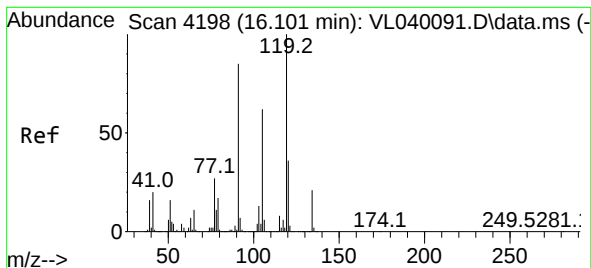
Tgt Ion: 120 Resp: 526

Ion Ratio Lower Upper

120 100

91 4213.5 397.0 595.4#

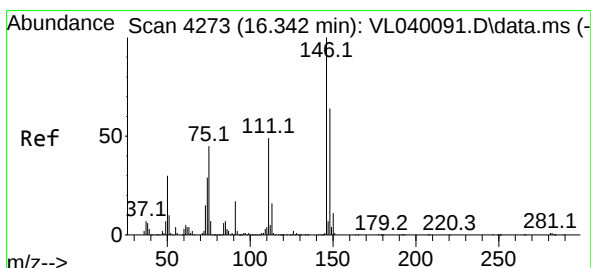
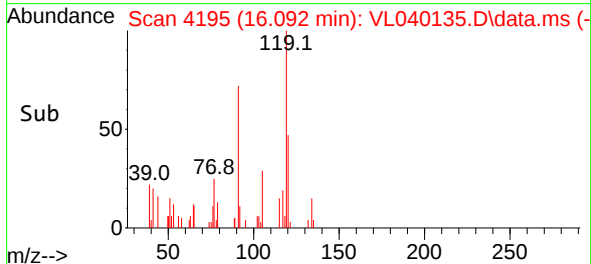
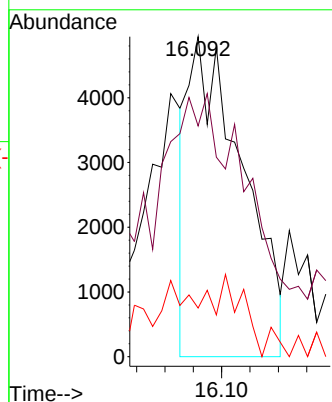
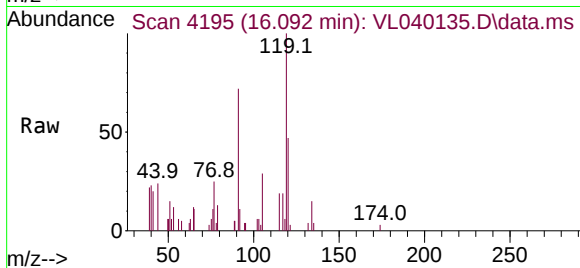




#65
tert-Butylbenzene
Concen: 0.029 ppbv
RT: 16.092 min Scan# 4198
Delta R.T. 0.007 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

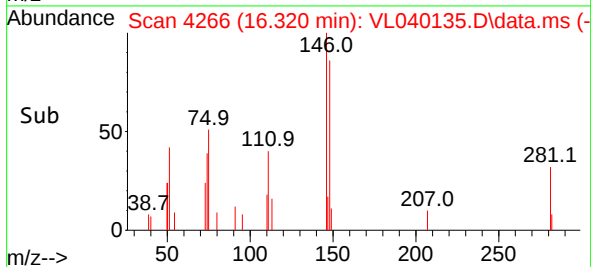
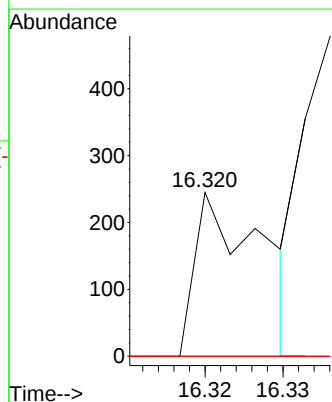
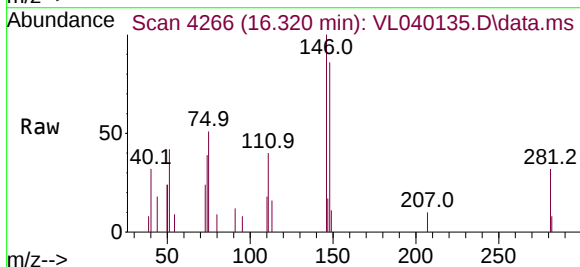
Instrument :
MSVOA_L
ClientSampleId :

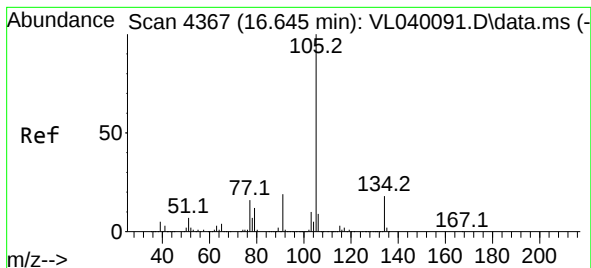
Tgt Ion: 119 Resp: 6612
Ion Ratio Lower Upper
119 100
91 188.4 69.5 104.3#
134 38.2 15.8 23.8#



#66
Benzyl Chloride
Concen: 0.009 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. -0.003 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Tgt Ion: 91 Resp: 144
Ion Ratio Lower Upper
91 100
126 0.0 11.5 17.3#
128 0.0 0.0 0.0





#67

sec-Butylbenzene

Concen: 0.036 ppbv

RT: 16.632 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Instrument :

MSVOA_L

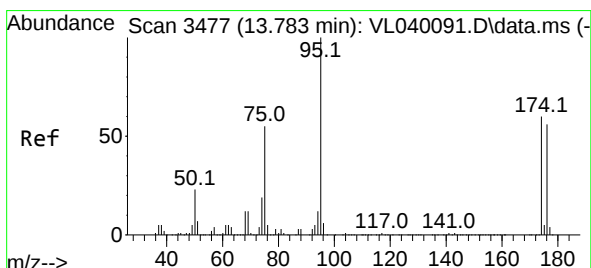
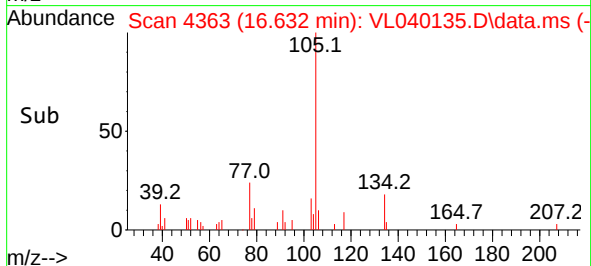
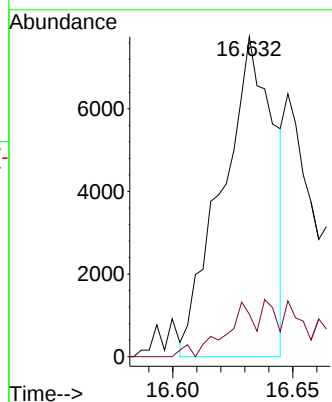
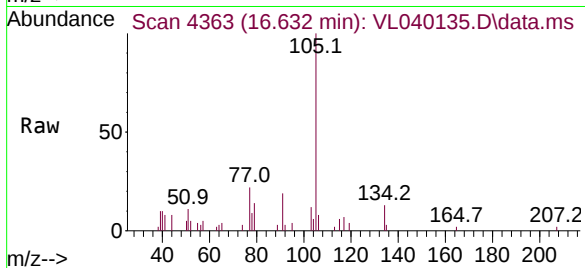
ClientSampleId :

Tgt Ion:105 Resp: 11571

Ion Ratio Lower Upper

105 100

134 27.3 14.1 21.1#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.812 ppbv

RT: 13.773 min Scan# 3474

Delta R.T. 0.003 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

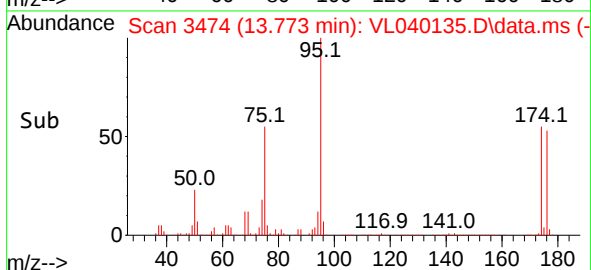
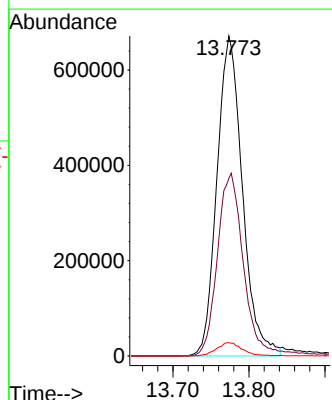
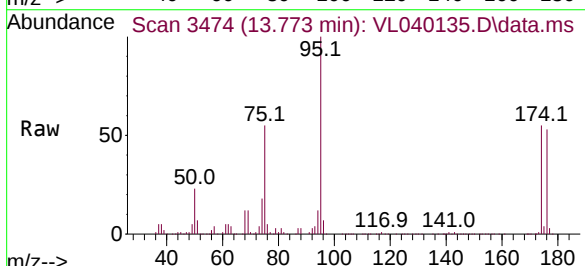
Tgt Ion: 95 Resp: 1562241

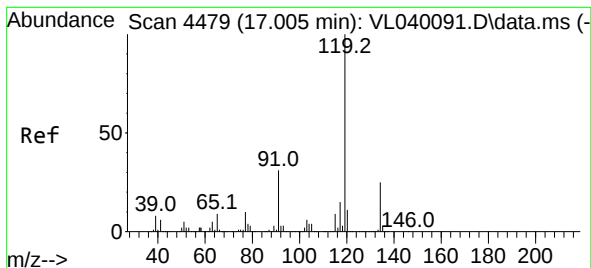
Ion Ratio Lower Upper

95 100

174 59.8 47.7 71.5

175 4.3 3.4 5.2





#69

p-Isopropyltoluene

Concen: 0.016 ppbv

RT: 16.989 min Scan# 4479

Delta R.T. 0.000 min

Lab File: VL040135.D

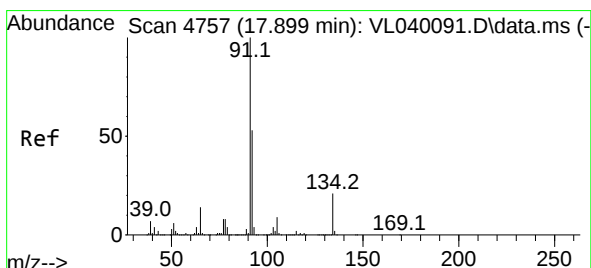
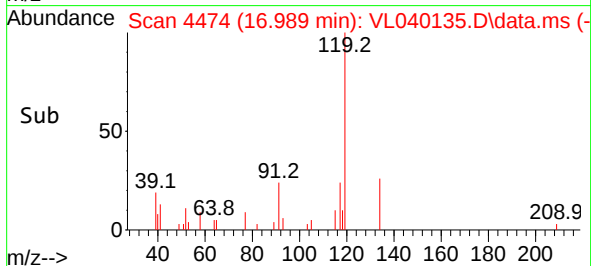
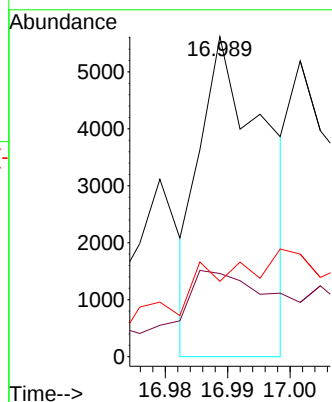
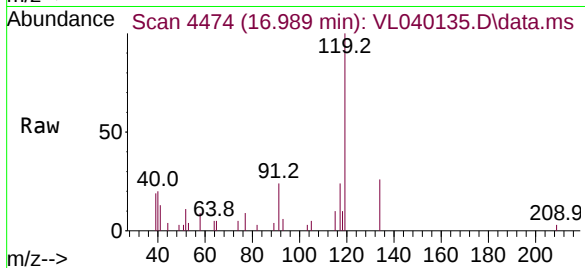
Acq: 30 Jan 2023 16:31

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:119	Resp:	4120
Ion	Ratio	Lower Upper
119	100	
134	85.8	20.1 30.1#
91	0.0	25.0 37.4#



#70

n-Butylbenzene

Concen: 0.013 ppbv

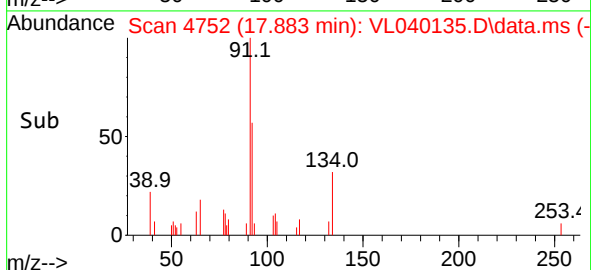
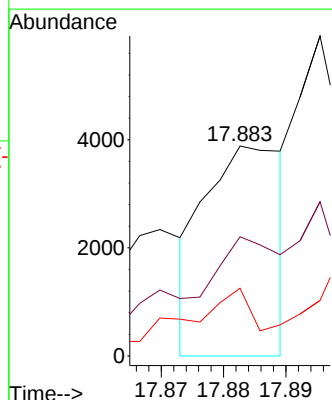
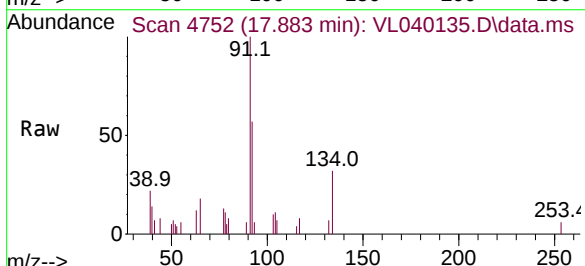
RT: 17.883 min Scan# 4752

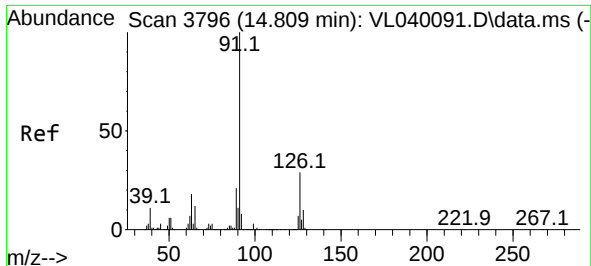
Delta R.T. 0.000 min

Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Tgt Ion: 91	Resp:	3392
Ion	Ratio	Lower Upper
91	100	
92	0.0	42.8 64.2#
134	0.0	16.9 25.3#

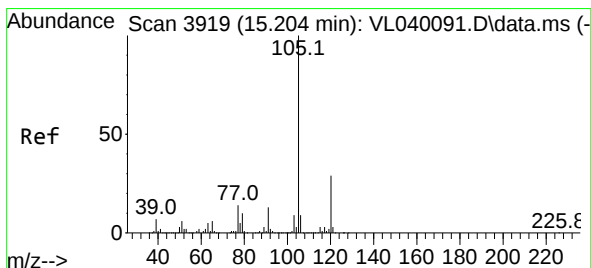
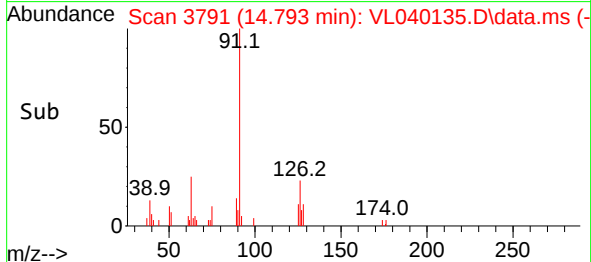
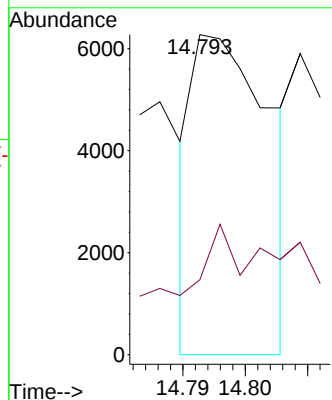
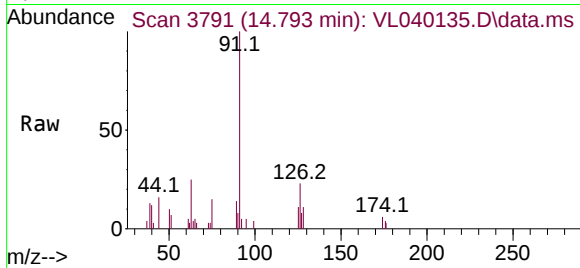




#71
2-Chlorotoluene
Concen: 0.027 ppbv
RT: 14.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

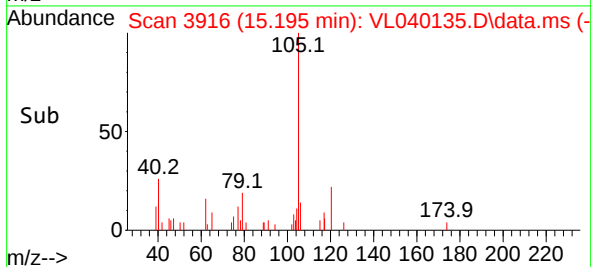
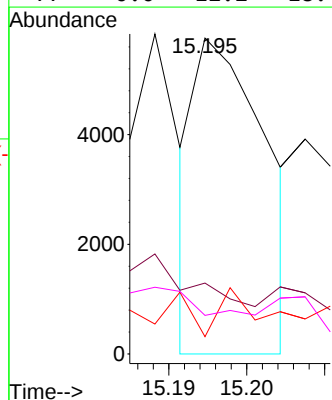
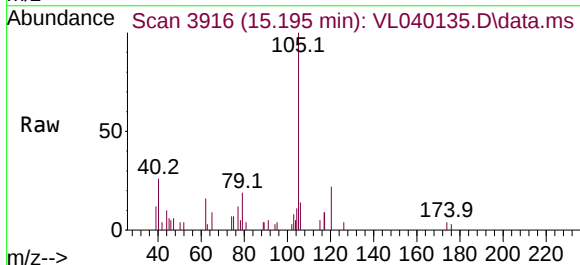
Instrument :
MSVOA_L
ClientSampleId :

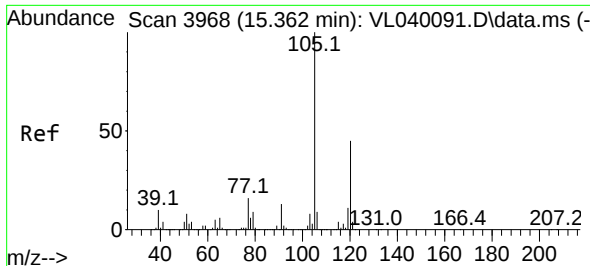
Tgt Ion: 91 Resp: 5357
Ion Ratio Lower Upper
91 100
126 87.1 11.9 47.5#



#72
4-Ethyltoluene
Concen: 0.018 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. 0.007 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Tgt Ion:105 Resp: 3629
Ion Ratio Lower Upper
105 100
120 0.0 23.1 34.7#
91 0.0 11.2 16.8#
77 0.0 12.2 18.4#

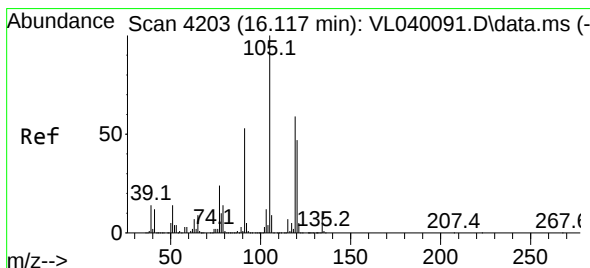
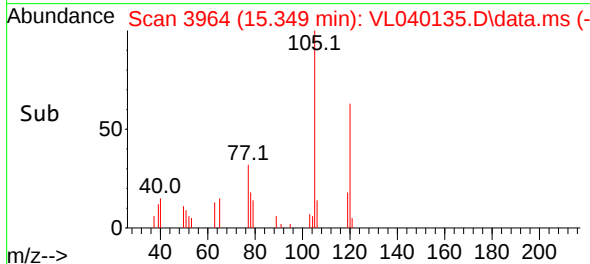
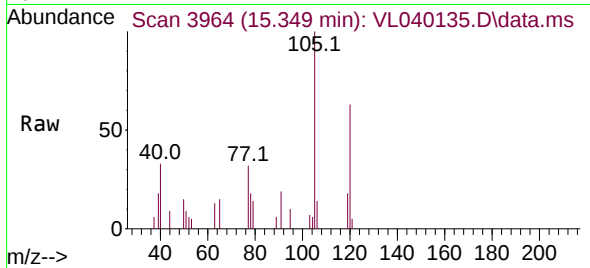




#73
 1,3,5-Trimethylbenzene
 Concen: 0.010 ppbv
 RT: 15.349 min Scan# 3968
 Delta R.T. 0.000 min
 Lab File: VL040135.D
 Acq: 30 Jan 2023 16:31

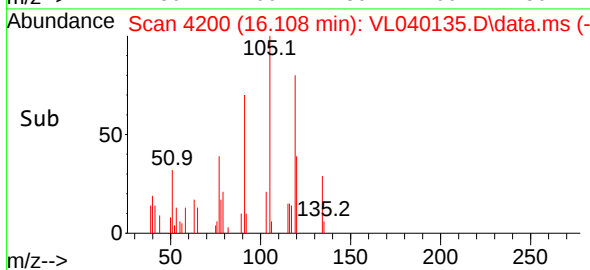
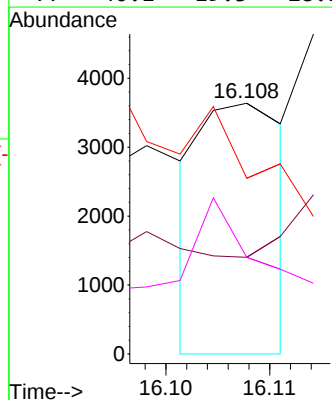
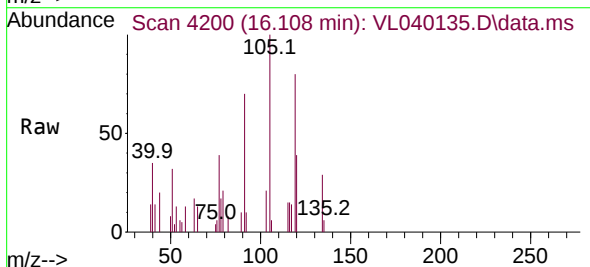
Instrument :
 MSVOA_L
 ClientSampleId :

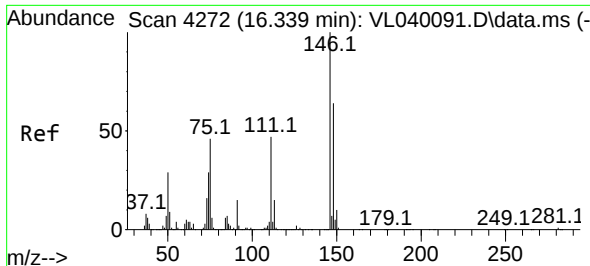
Tgt Ion:105 Resp: 1789
 Ion Ratio Lower Upper
 105 100
 120 139.1 36.2 54.4#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.010 ppbv
 RT: 16.108 min Scan# 4200
 Delta R.T. 0.007 min
 Lab File: VL040135.D
 Acq: 30 Jan 2023 16:31

Tgt Ion:105 Resp: 2028
 Ion Ratio Lower Upper
 105 100
 120 0.0 38.0 57.0#
 91 0.0 42.1 63.1#
 77 40.1 19.3 28.9#

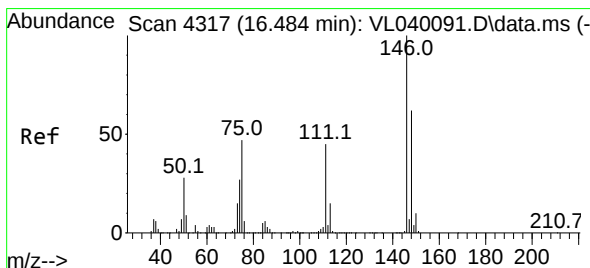
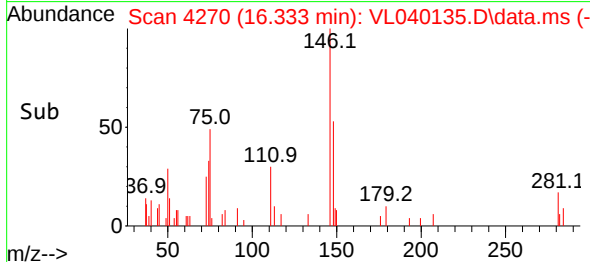
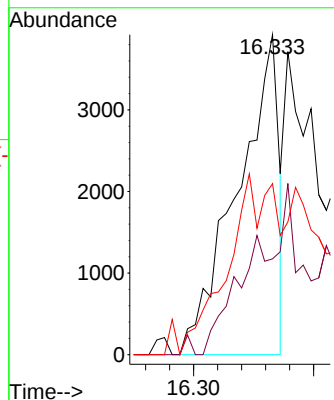
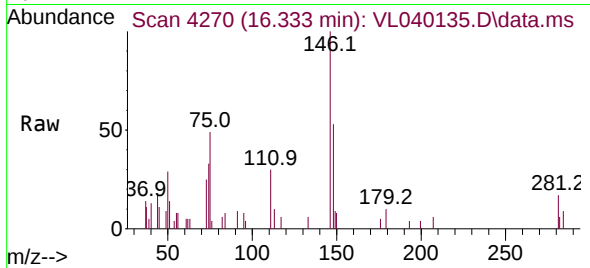




#75
1,3-Dichlorobenzene
Concen: 0.042 ppbv
RT: 16.333 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

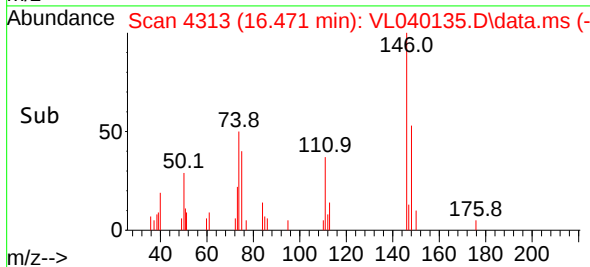
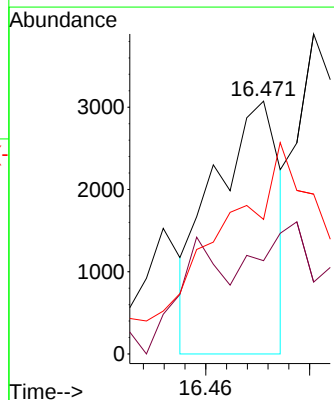
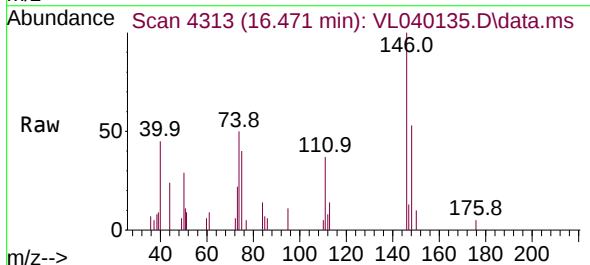
Instrument :
MSVOA_L
ClientSampleId :

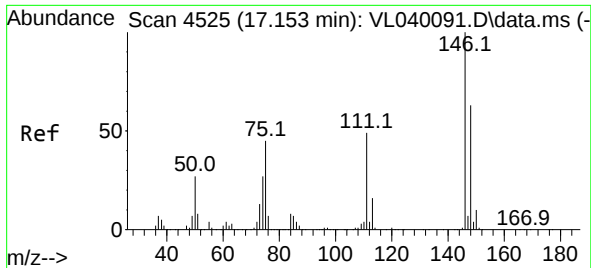
Tgt Ion:146 Resp: 4687
Ion Ratio Lower Upper
146 100
111 0.0 24.3 73.0#
148 128.8 32.3 96.8#



#76
1,4-Dichlorobenzene
Concen: 0.025 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

Tgt Ion:146 Resp: 2726
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.2#
148 209.7 32.8 98.4#

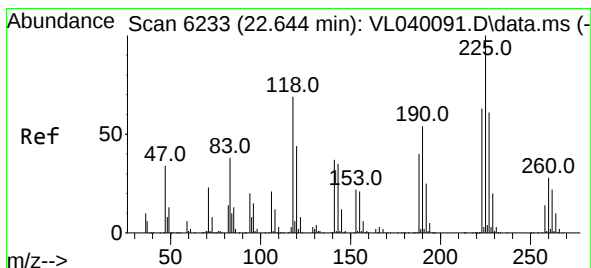
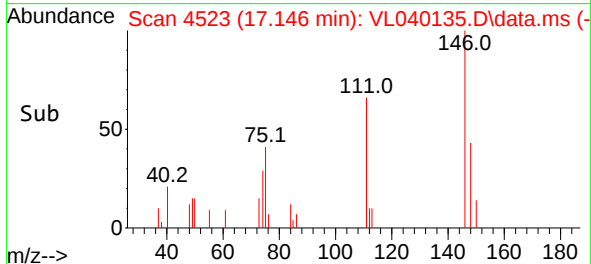
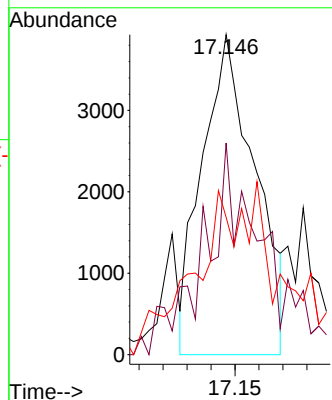
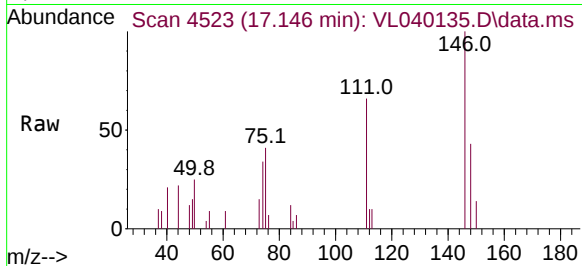




#77
1,2-Dichlorobenzene
Concen: 0.056 ppbv
RT: 17.146 min Scan# 4523
Delta R.T. 0.010 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

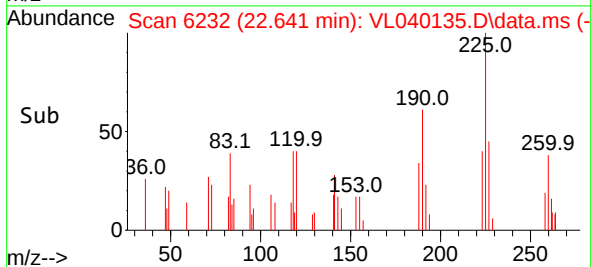
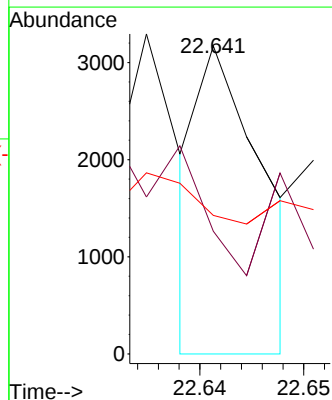
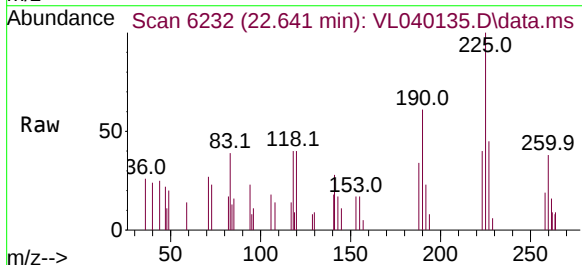
Instrument :
MSVOA_L
ClientSampleId :

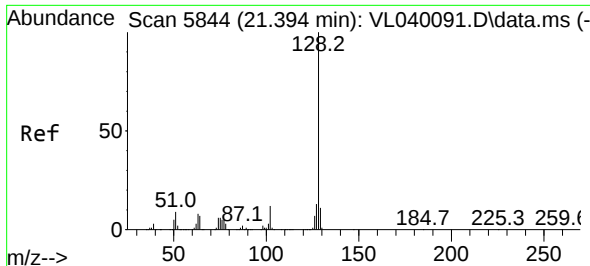
Tgt Ion:146 Resp: 6048
Ion Ratio Lower Upper
146 100
111 82.1 25.1 75.2#
148 0.0 32.4 97.0#



#78
Hexachloro-1,3-Butadiene
Concen: 0.017 ppbv
RT: 22.641 min Scan# 6232
Delta R.T. 0.010 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

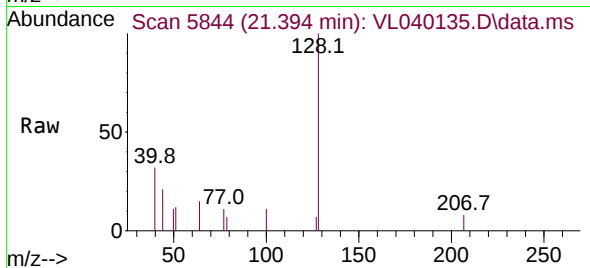
Tgt Ion:225 Resp: 1354
Ion Ratio Lower Upper
225 100
223 0.0 51.5 77.3#
227 0.0 50.6 76.0#



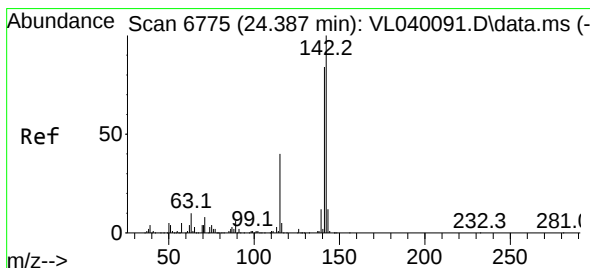
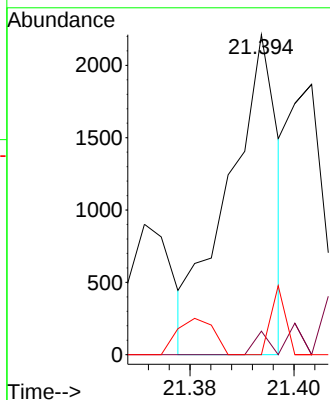
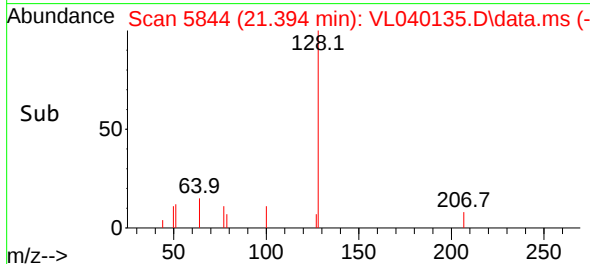


#79
Naphthalene
Concen: 0.013 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.016 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31

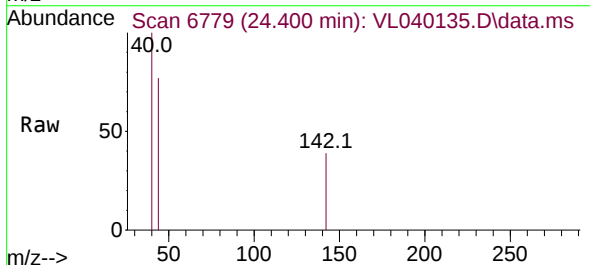
Instrument :
MSVOA_L
ClientSampleId :



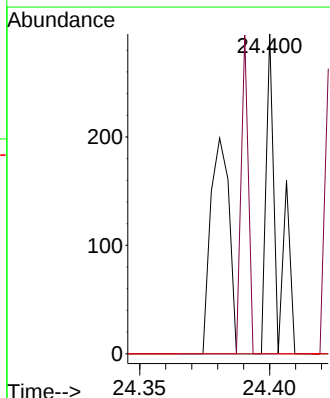
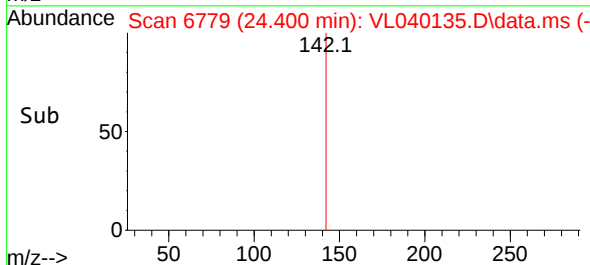
Tgt Ion:128 Resp: 1476
Ion Ratio Lower Upper
128 100
127 9.2 10.3 15.5#
129 0.0 8.8 13.2#

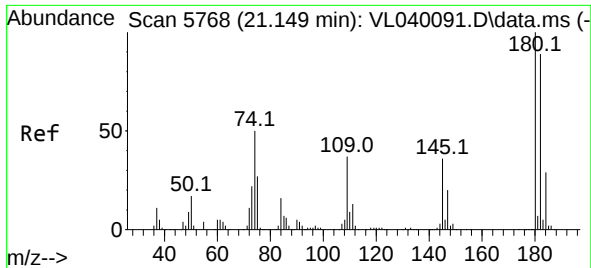


#80
Naphthalene,2-methyl-
Concen: 0.004 ppbv
RT: 24.400 min Scan# 6779
Delta R.T. 0.026 min
Lab File: VL040135.D
Acq: 30 Jan 2023 16:31



Tgt Ion:142 Resp: 155
Ion Ratio Lower Upper
142 100
141 0.0 65.0 97.6#
115 0.0 31.8 47.8#





#81

1,2,4-Trichlorobenzene

Concen: 0.014 ppbv

RT: 21.130 min Scan# 51

Delta R.T. -0.003 min

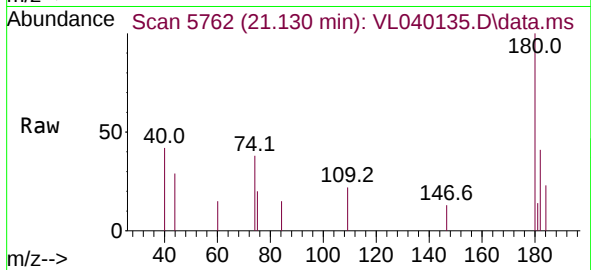
Lab File: VL040135.D

Acq: 30 Jan 2023 16:31

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1003

Ion Ratio Lower Upper

180 100

182 0.0 78.6 117.8#

184 0.0 25.1 37.7#

