

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041466.D
 Acq On : 31 Jul 2024 16:59
 Operator : SY/MD
 Sample : P3390-13 0.03 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 01 03:57:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	918647	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2537122	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2291795	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1782416	10.106	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	5794	0.037	ppbv	97
3) Chlorodifluoromethane	2.687	51	4170	0.038	ppbv	95
4) Chloromethane	2.816	50	1613	0.028	ppbv #	68
5) Vinyl Chloride	2.925	62	1742	0.030	ppbv #	77
6) Bromomethane	3.118	94	229	0.008	ppbv #	31
7) Chloroethane	3.198	64	366	0.018	ppbv #	44
8) Dichlorotetrafluoroethane	2.857	85	2403	0.017	ppbv #	15
9) Propene	2.703	41	6242	0.124	ppbv	94
10) Heptane	7.584	43	1524	0.014	ppbv #	37
11) Trichlorofluoromethane	3.562	101	4874	0.035	ppbv #	62
12) 1,1,2-Trichlorotrifluo...	4.066	101	2017	0.020	ppbv #	9
13) Ethanol	3.259	45	248	0.055	ppbv #	41
14) Bromoethene	3.375	108	946	0.024	ppbv #	38
15) Acetone	3.462	43	144	0.001	ppbv #	48
16) 1,3-Butadiene	2.989	39	1080	0.019	ppbv #	1
17) tert-Butyl alcohol	3.880	59	185	0.002	ppbv #	72
18) 1,1-Dichloroethene	3.880	96	1023	0.024	ppbv #	74
19) Isopropyl Alcohol	3.562	45	34	0.001	ppbv #	93
20) Methylene Chloride	3.938	84	4786	0.123	ppbv #	92
21) Allyl Chloride	3.999	41	2134	0.031	ppbv #	43
22) trans-1,2-Dichloroethene	4.446	96	1283	0.030	ppbv #	53
23) Vinyl Acetate	4.635	43	815	0.010	ppbv #	66
24) 1,1-Dichloroethane	4.558	63	1685	0.018	ppbv #	90
25) Ethyl Acetate	5.201	43	665	0.003	ppbv #	29
26) Hexane	5.214	57	1024	0.012	ppbv #	1
27) Carbon Disulfide	4.127	76	906	0.009	ppbv #	63
28) Methyl tert-Butyl Ether	4.581	73	105	0.002	ppbv #	52
29) Chloroform	5.275	83	3718	0.026	ppbv #	56
30) Cyclohexane	6.606	84	665	0.009	ppbv #	1
31) cis-1,2-Dichloroethene	5.082	61	826	0.010	ppbv #	49
32) 1,1,1-Trichloroethane	6.005	97	2899	0.021	ppbv #	70
34) 2-Butanone	4.793	43	138	0.001	ppbv #	54
35) Carbon Tetrachloride	6.491	117	1995	0.014	ppbv #	57
36) Benzene	6.372	78	1633	0.009	ppbv #	68
37) 1,2-Dichloroethane	5.806	62	2180	0.021	ppbv #	82
38) Trichloroethene	7.298	130	795	0.009	ppbv #	78
39) 1,2-Dichloropropane	6.655	63	628518	8.855	ppbv #	26
40) 1,4-Dioxane	7.298	88	66	0.002	ppbv #	1
41) Tetrahydrofuran	5.571	42	107	0.002	ppbv #	69
42) Bromodichloromethane	7.256	83	1986	0.013	ppbv #	67
43) Methyl Methacrylate	7.478	69	273	0.004	ppbv #	1
44) 2,2,4-Trimethylpentane	7.336	57	1830	0.006	ppbv #	42
45) t-1,3-Dichloropropene	8.716	75	433	0.007	ppbv #	78

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 01 02:36:30 2024
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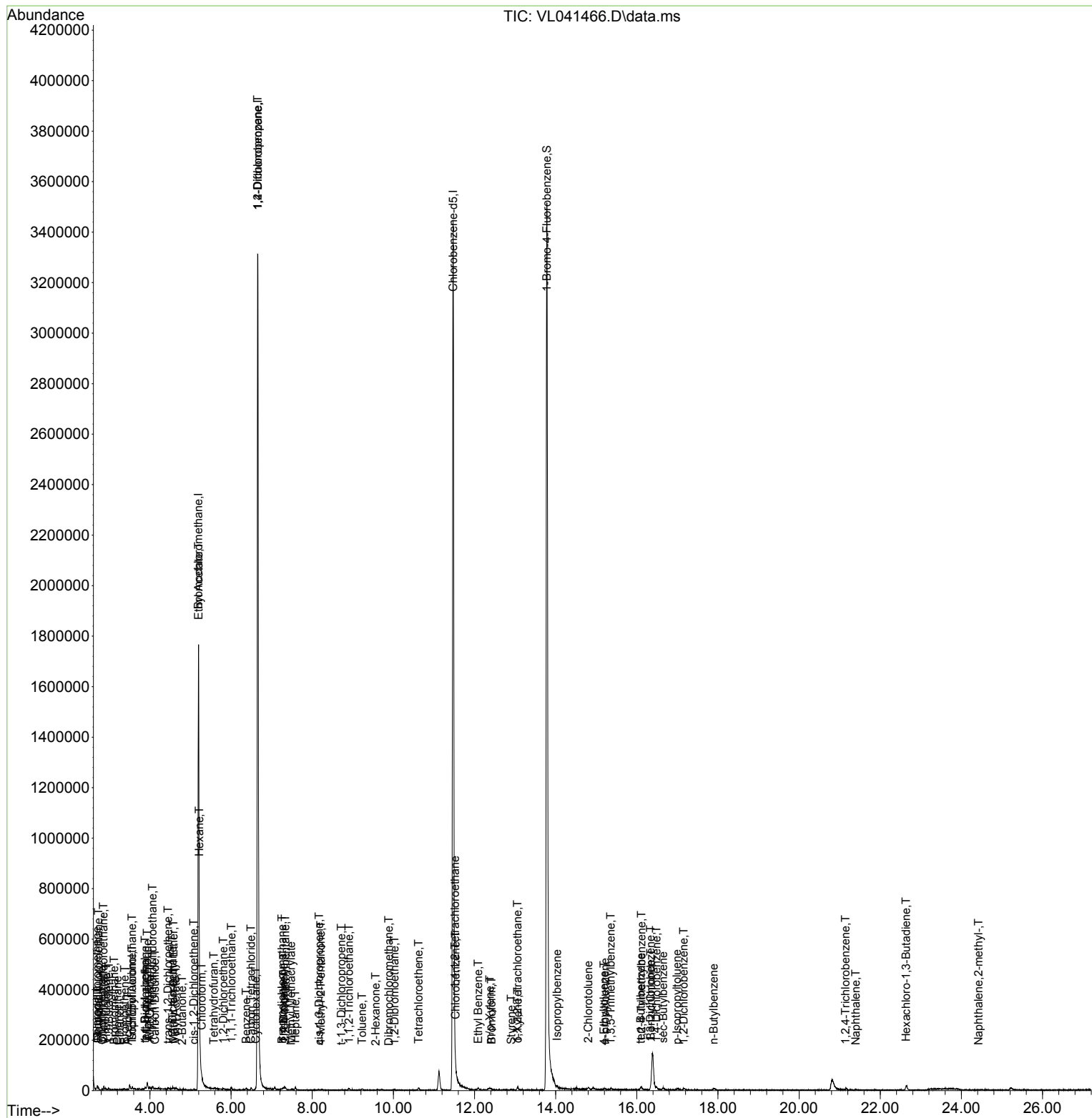
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.169	75	210	0.002	ppbv	86
47) 1,1,2-Trichloroethane	8.902	97	920	0.012	ppbv #	31
48) Dibromochloromethane	9.886	129	128	0.001	ppbv	87
49) Bromoform	12.416	173	473	0.004	ppbv #	1
50) 4-Methyl-2-Pentanone	8.214	43	239	0.001	ppbv #	72
51) 2-Hexanone	9.561	43	57	0.000	ppbv #	30
52) Tetrachloroethene	10.622	164	750	0.010	ppbv #	28
53) Toluene	9.227	91	2983	0.014	ppbv #	20
54) 1,2-Dibromoethane	10.024	107	1287	0.012	ppbv #	15
56) 1,1,1,2-Tetrachloroethane	11.516	131	820	0.009	ppbv #	1
57) Chlorobenzene	11.535	112	1767	0.011	ppbv #	42
58) Ethyl Benzene	12.092	91	3026	0.011	ppbv	97
59) m/p-Xylene	12.381	91	695	0.003	ppbv #	31
60) o-Xylene	13.063	91	1027	0.005	ppbv #	30
61) Styrene	12.905	104	412	0.004	ppbv #	28
62) Isopropylbenzene	14.034	105	1592	0.005	ppbv #	1
63) 1,1,2,2-Tetrachloroethane	13.056	83	874	0.006	ppbv #	25
64) n-propylbenzene	15.217	120	142	0.002	ppbv	65
65) tert-Butylbenzene	16.095	119	1566	0.005	ppbv #	16
66) Benzyl Chloride	16.342	91	40	0.002	ppbv #	66
67) sec-Butylbenzene	16.648	105	1746	0.004	ppbv #	51
69) p-Isopropyltoluene	16.992	119	1540	0.005	ppbv #	1
70) n-Butylbenzene	17.892	91	2103	0.006	ppbv #	33
71) 2-Chlorotoluene	14.805	91	2904	0.012	ppbv #	57
72) 4-Ethyltoluene	15.194	105	1175	0.005	ppbv #	54
73) 1,3,5-Trimethylbenzene	15.355	105	560	0.003	ppbv #	29
74) 1,2,4-Trimethylbenzene	16.114	105	1499	0.006	ppbv #	59
75) 1,3-Dichlorobenzene	16.336	146	1614	0.010	ppbv #	50
76) 1,4-Dichlorobenzene	16.484	146	1968	0.013	ppbv #	8
77) 1,2-Dichlorobenzene	17.153	146	1087	0.007	ppbv #	1
78) Hexachloro-1,3-Butadiene	22.635	225	1056	0.008	ppbv #	19
79) Naphthalene	21.394	128	319	0.001	ppbv #	69
80) Naphthalene,2-methyl-	24.426	142	71	0.000	ppbv #	64
81) 1,2,4-Trichlorobenzene	21.146	180	719	0.005	ppbv #	12

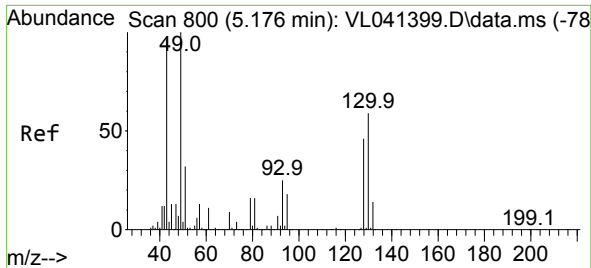
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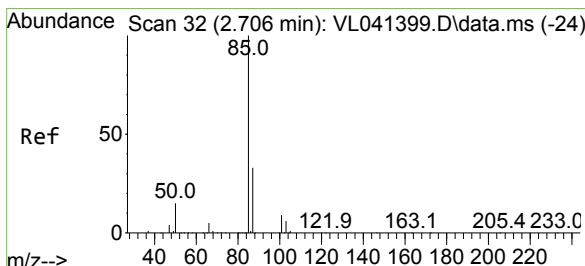
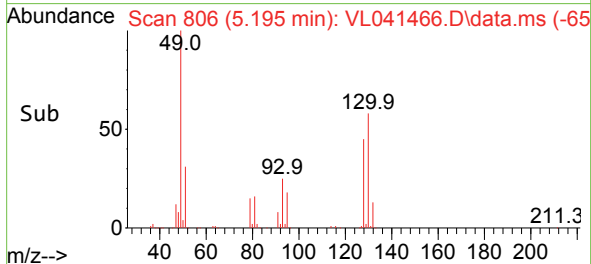
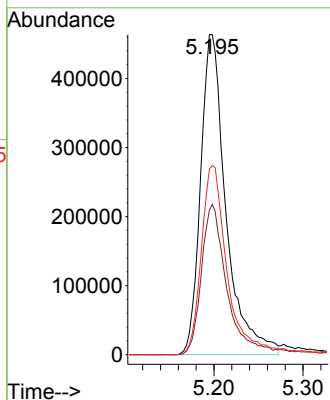
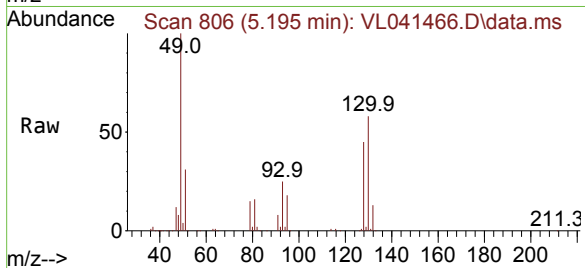




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041466.D
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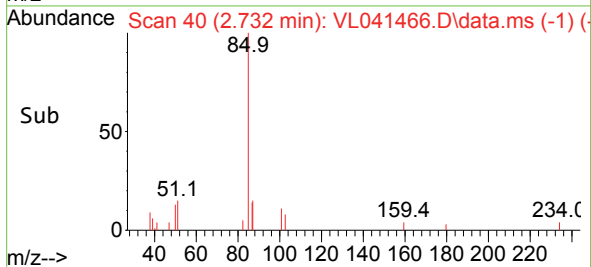
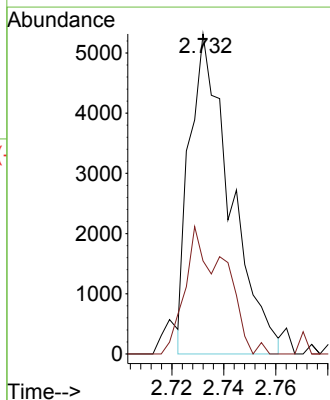
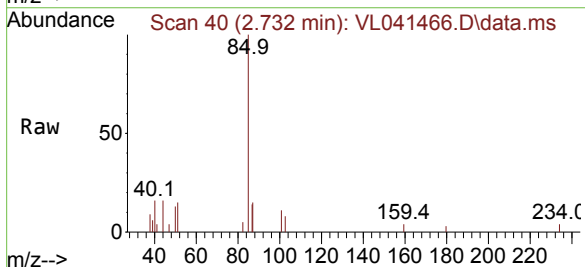
Instrument :
MSVOA_L
ClientSampleId :

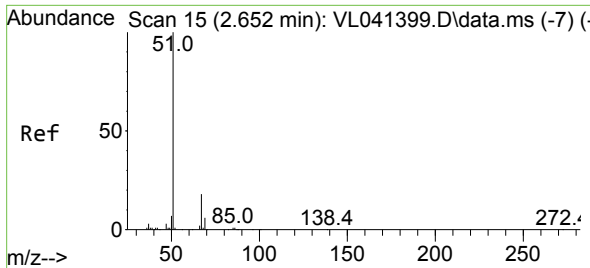
Tgt Ion: 49 Resp: 918647
Ion Ratio Lower Upper
49 100
128 49.1 23.8 71.4
130 61.5 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 0.037 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion: 85 Resp: 5794
Ion Ratio Lower Upper
85 100
87 30.6 26.0 39.0

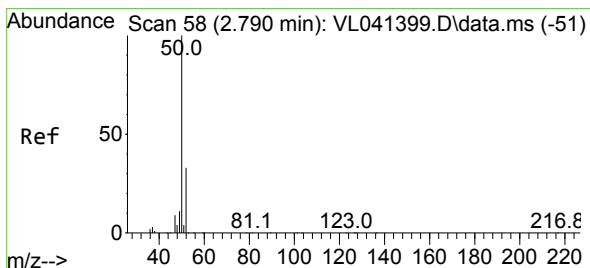
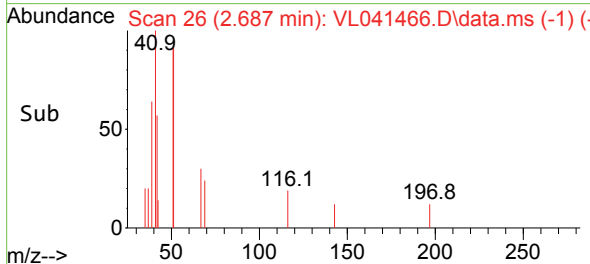
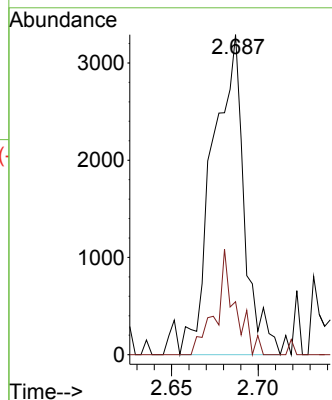
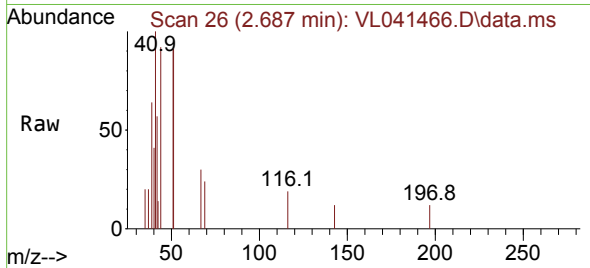




#3
Chlorodifluoromethane
Concen: 0.038 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

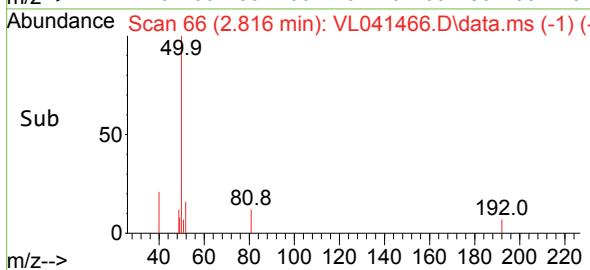
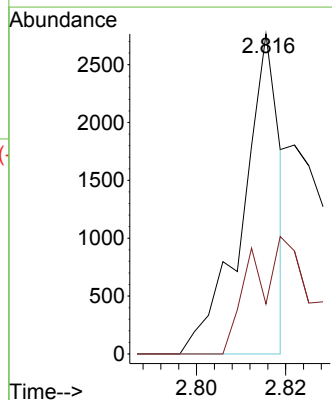
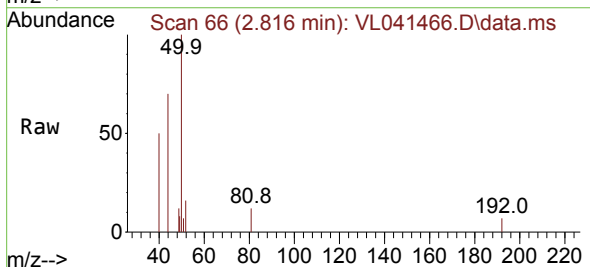
Instrument :
MSVOA_L
ClientSampleId :

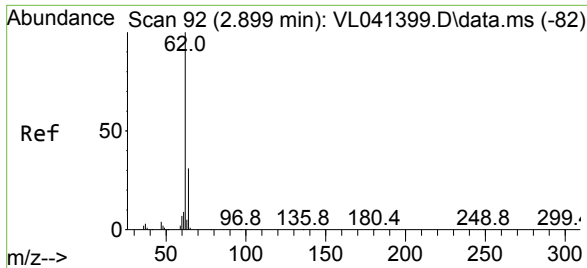
Tgt Ion: 51 Resp: 4170
Ion Ratio Lower Upper
51 100
67 20.4 14.5 21.7



#4
Chloromethane
Concen: 0.028 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.003 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion: 50 Resp: 1613
Ion Ratio Lower Upper
50 100
52 14.5 26.1 39.1#

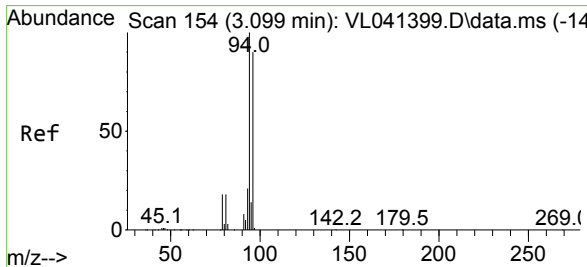
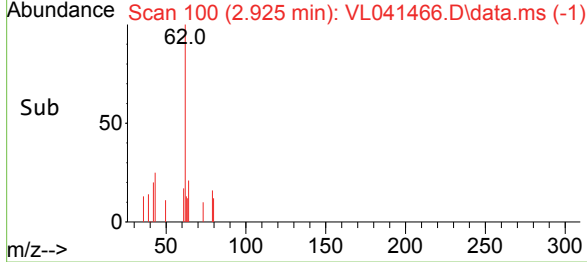
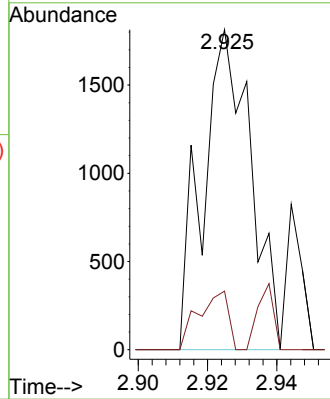
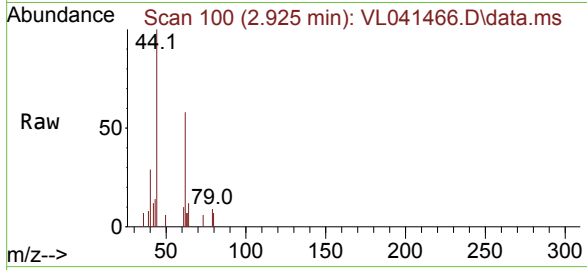




#5
 Vinyl Chloride
 Concen: 0.030 ppbv
 RT: 2.925 min Scan# 10
 Delta R.T. 0.003 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

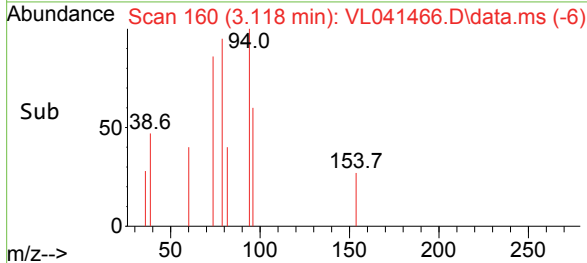
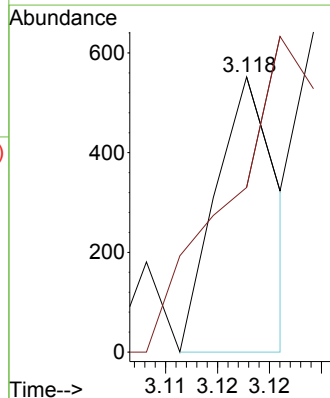
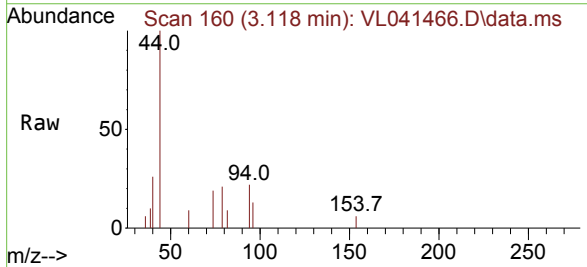
Instrument :
 MSVOA_L
 ClientSampleId :

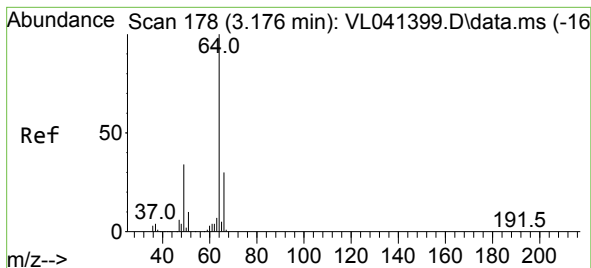
Tgt Ion: 62 Resp: 1742
 Ion Ratio Lower Upper
 62 100
 64 18.3 25.0 37.4#



#6
 Bromomethane
 Concen: 0.008 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. -0.003 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

Tgt Ion: 94 Resp: 229
 Ion Ratio Lower Upper
 94 100
 96 24.8 72.3 108.5#





#7

Chloroethane

Concen: 0.018 ppbv

RT: 3.198 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

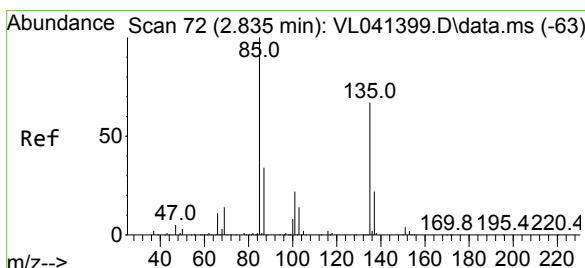
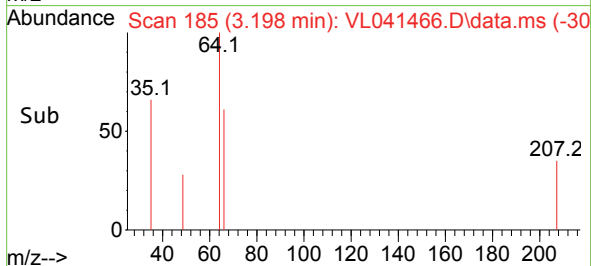
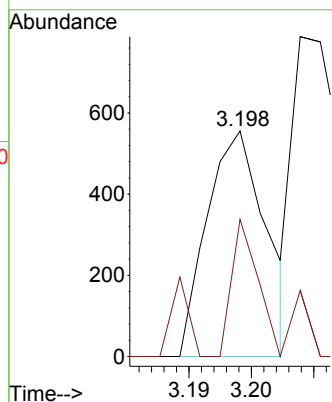
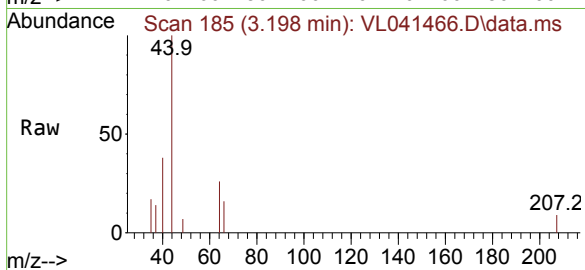
ClientSampleId :

Tgt Ion: 64 Resp: 366

Ion Ratio Lower Upper

64 100

66 60.8 24.2 36.2#



#8

Dichlorotetrafluoroethane

Concen: 0.017 ppbv

RT: 2.857 min Scan# 79

Delta R.T. -0.000 min

Lab File: VL041466.D

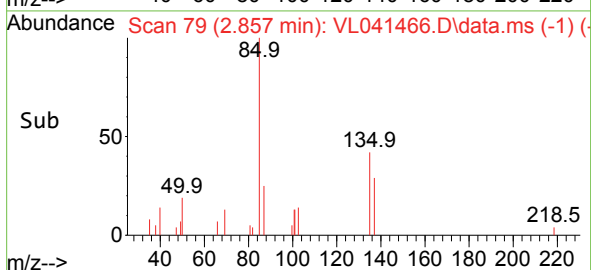
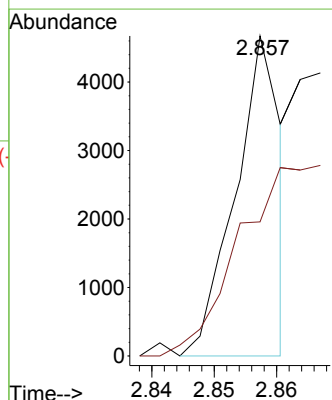
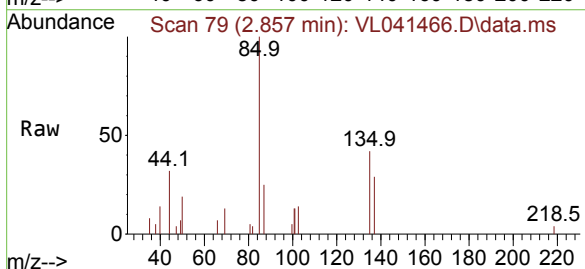
Acq: 31 Jul 2024 16:59

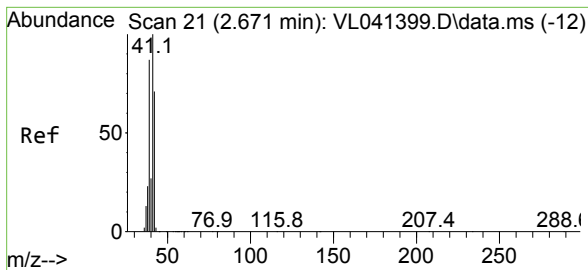
Tgt Ion: 85 Resp: 2403

Ion Ratio Lower Upper

85 100

135 0.0 55.4 83.0#





#9

Propene

Concen: 0.124 ppbv

RT: 2.703 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

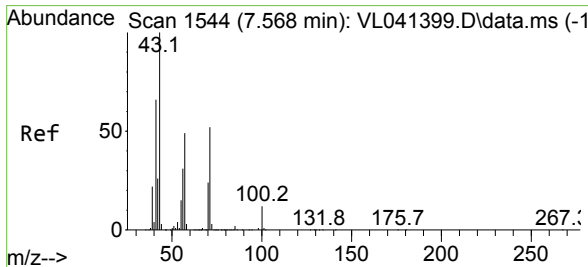
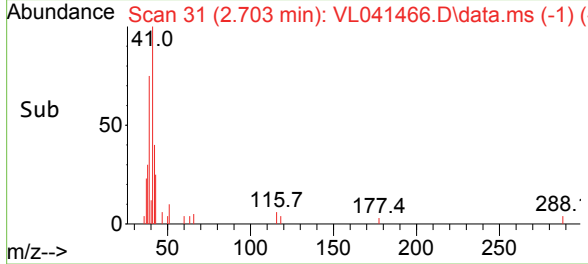
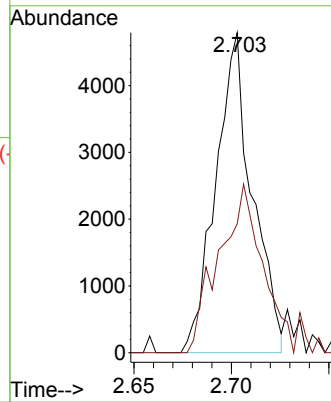
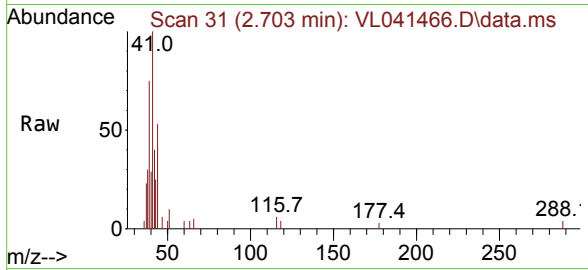
ClientSampleId :

Tgt Ion: 41 Resp: 6242

Ion Ratio Lower Upper

41 100

42 65.2 55.9 83.9



#10

Heptane

Concen: 0.014 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VL041466.D

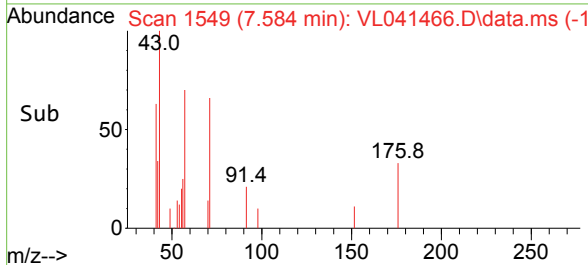
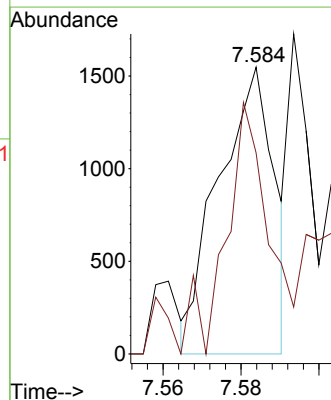
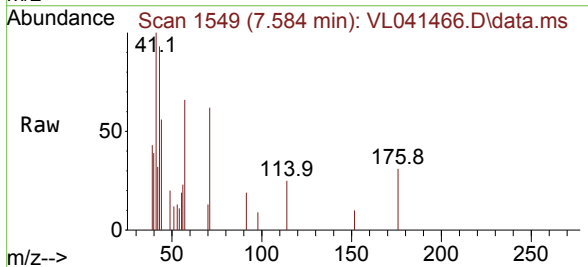
Acq: 31 Jul 2024 16:59

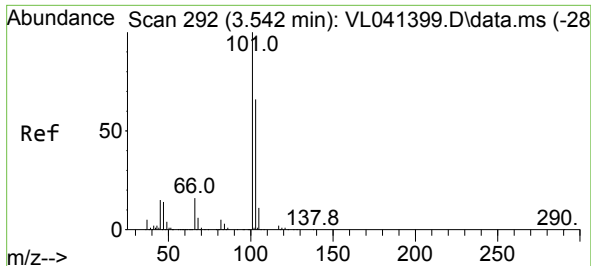
Tgt Ion: 43 Resp: 1524

Ion Ratio Lower Upper

43 100

57 94.4 40.5 60.7#

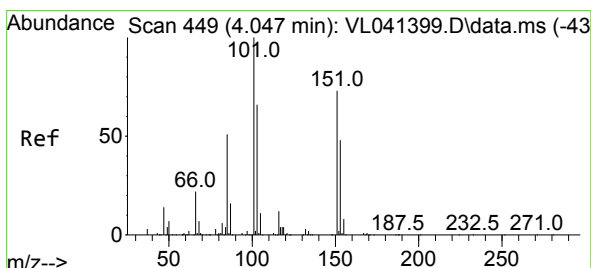
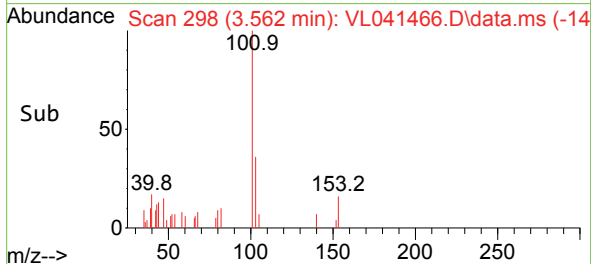
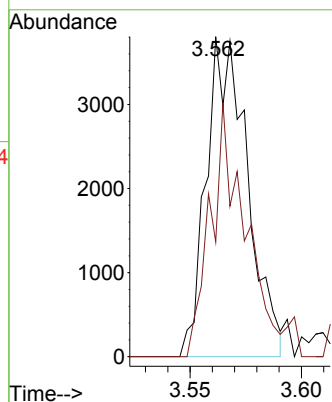
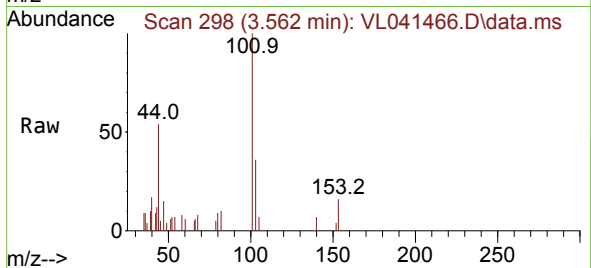




#11
 Trichlorofluoromethane
 Concen: 0.035 ppbv
 RT: 3.562 min Scan# 292
 Delta R.T. -0.003 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

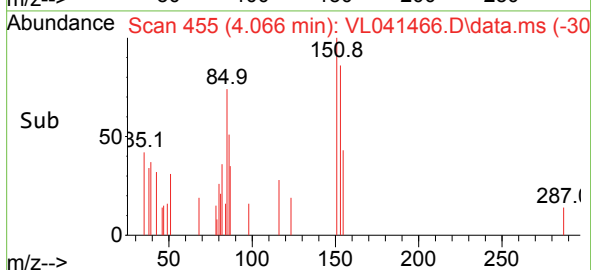
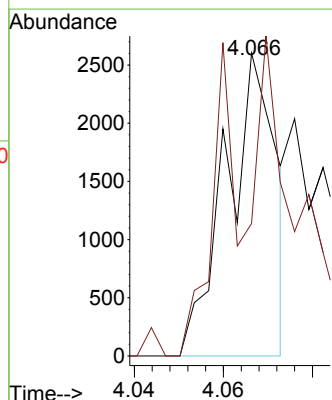
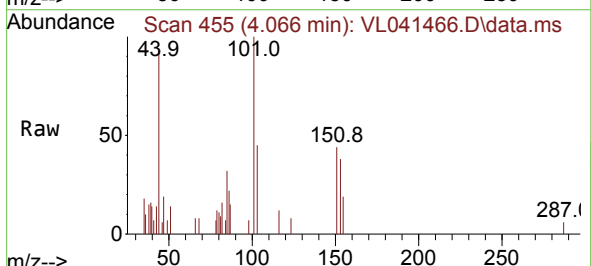
Instrument :
 MSVOA_L
 ClientSampleId :

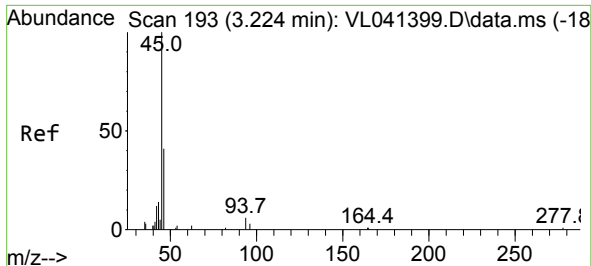
Tgt Ion:101 Resp: 4874
 Ion Ratio Lower Upper
 101 100
 103 35.9 52.6 79.0#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.020 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.000 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

Tgt Ion:101 Resp: 2017
 Ion Ratio Lower Upper
 101 100
 151 151.8 59.4 89.2#

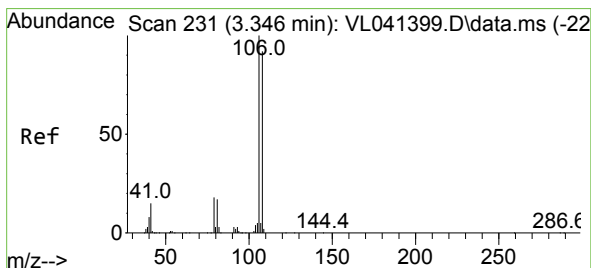
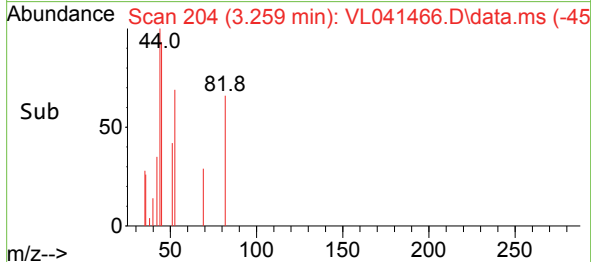
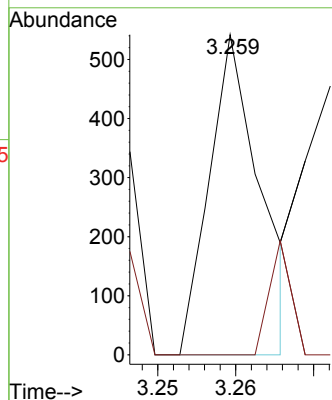
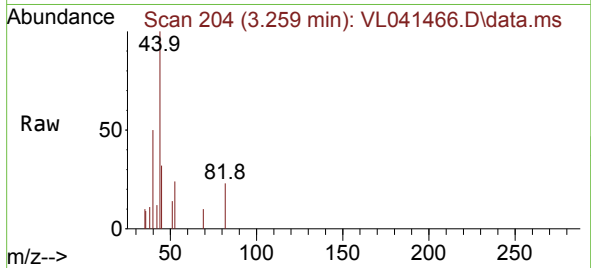




#13
Ethanol
Concen: 0.055 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.013 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

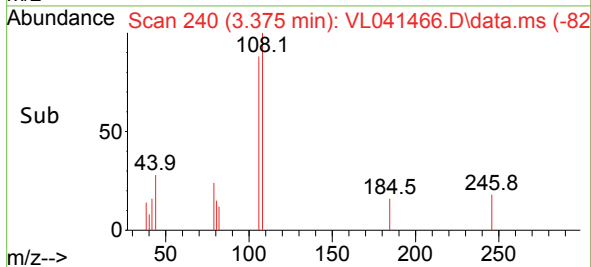
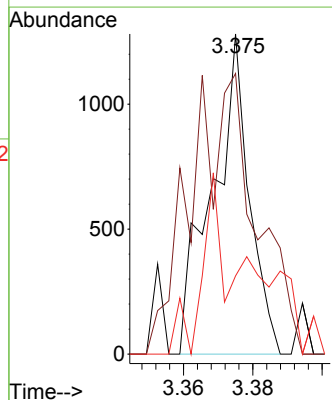
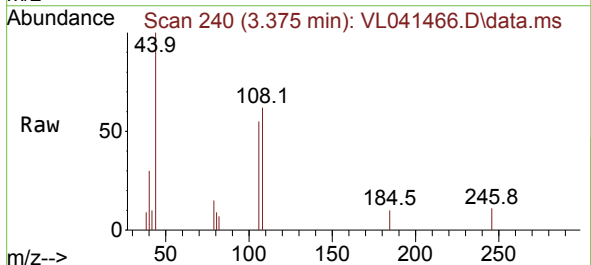
Instrument :
MSVOA_L
ClientSampleId :

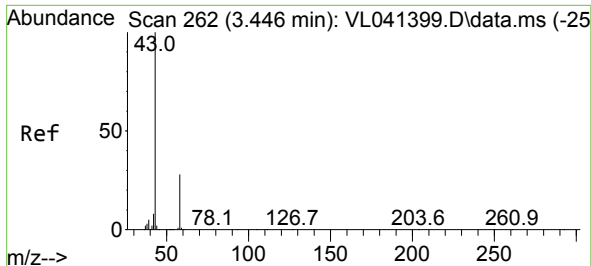
Tgt Ion: 45 Resp: 248
Ion Ratio Lower Upper
45 100
46 0.0 13.4 53.4#



#14
Bromoethene
Concen: 0.024 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.010 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion:108 Resp: 946
Ion Ratio Lower Upper
108 100
106 154.2 86.9 130.3#
79 94.2 16.2 24.4#

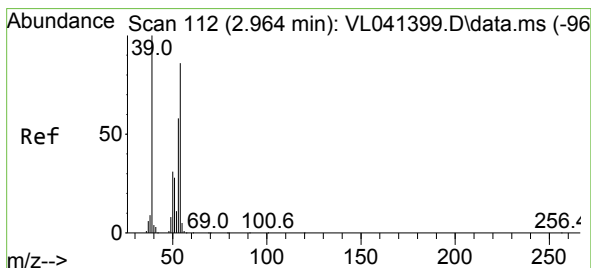
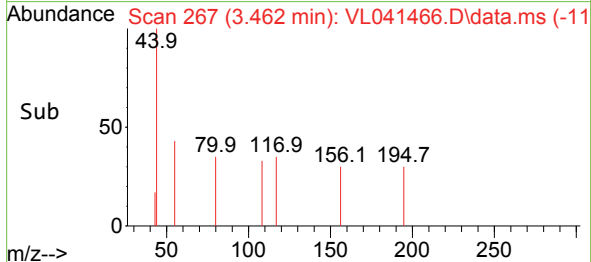
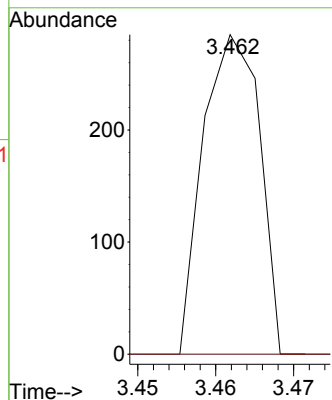
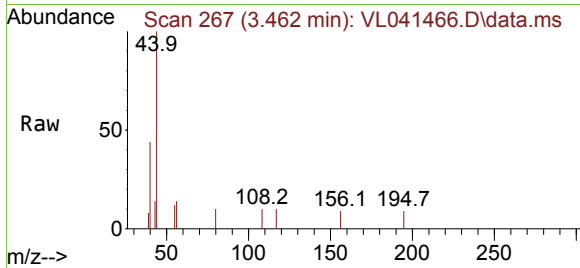




#15
Acetone
Concen: 0.001 ppbv
RT: 3.462 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

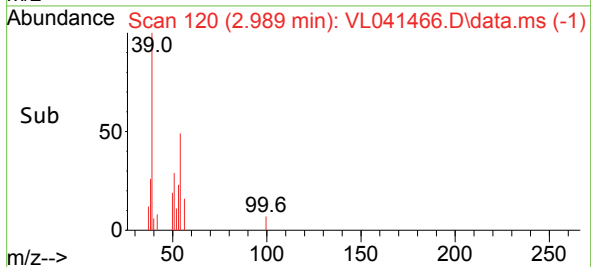
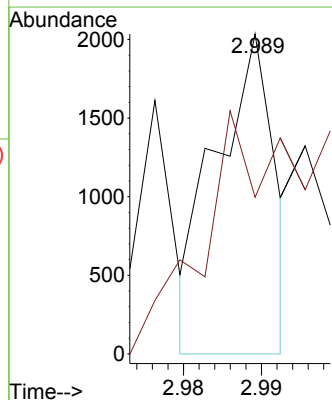
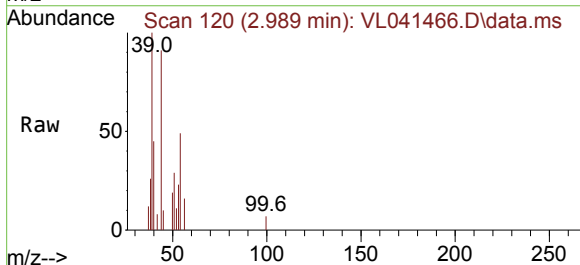
Instrument :
MSVOA_L
ClientSampleId :

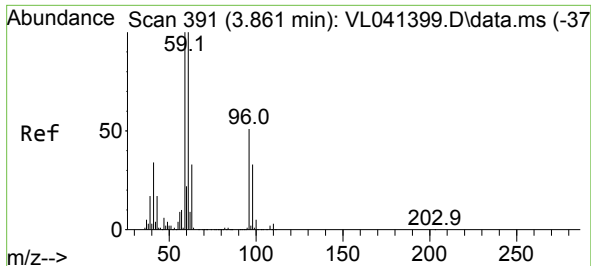
Tgt Ion: 43 Resp: 144
Ion Ratio Lower Upper
43 100
58 0.0 21.4 32.2#



#16
1,3-Butadiene
Concen: 0.019 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.003 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion: 39 Resp: 1080
Ion Ratio Lower Upper
39 100
54 165.9 62.5 93.7#





#17

tert-Butyl alcohol

Concen: 0.002 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.003 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

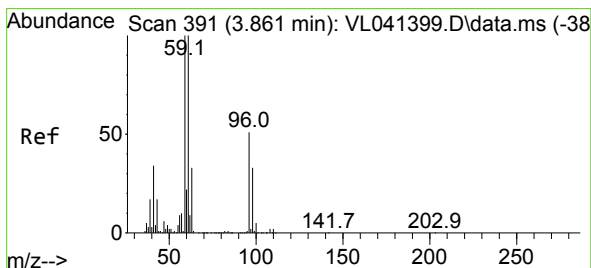
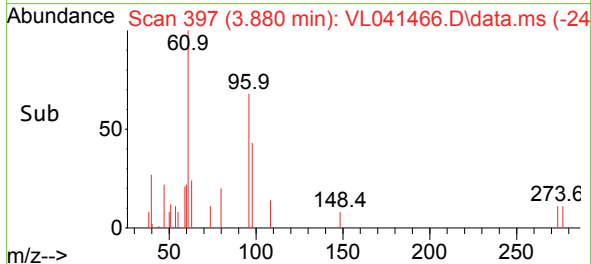
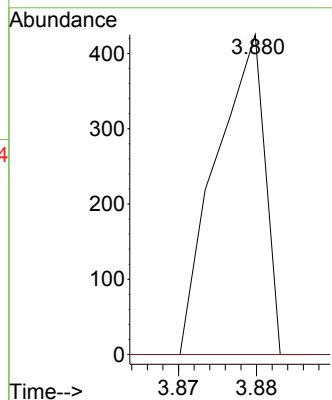
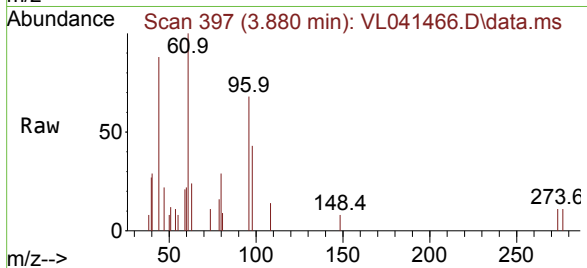
ClientSampleId :

Tgt Ion: 59 Resp: 185

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#18

1,1-Dichloroethene

Concen: 0.024 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.000 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

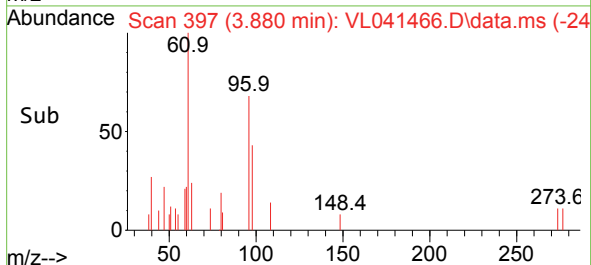
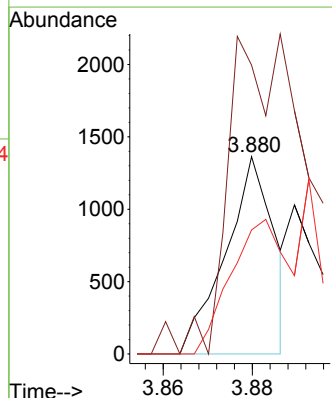
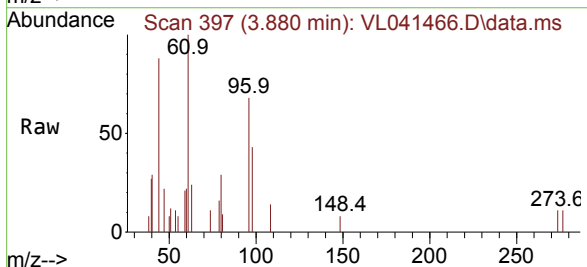
Tgt Ion: 96 Resp: 1023

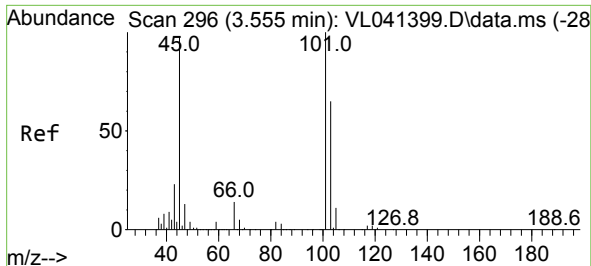
Ion Ratio Lower Upper

96 100

61 146.4 157.5 236.3#

98 62.9 51.2 76.8

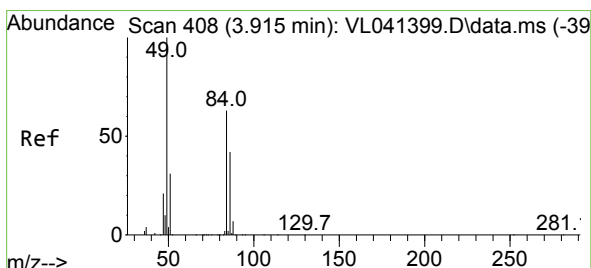
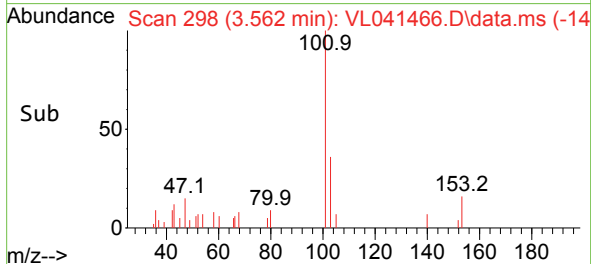
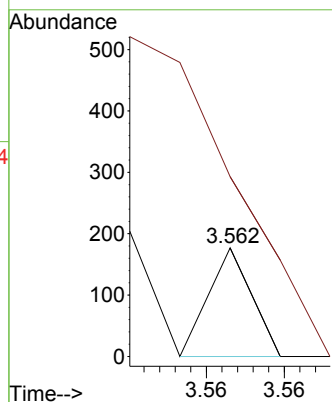
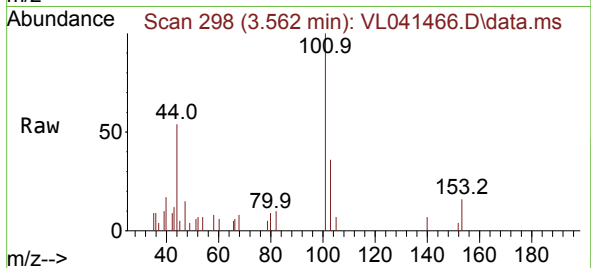




#19
Isopropyl Alcohol
Concen: 0.001 ppbv
RT: 3.562 min Scan# 296
Delta R.T. -0.013 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

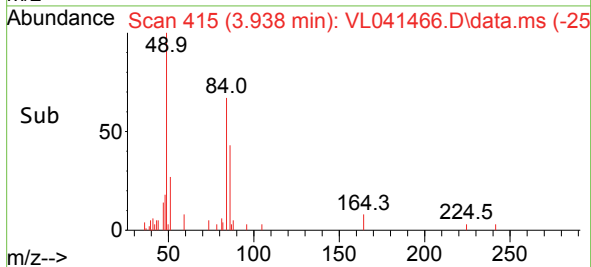
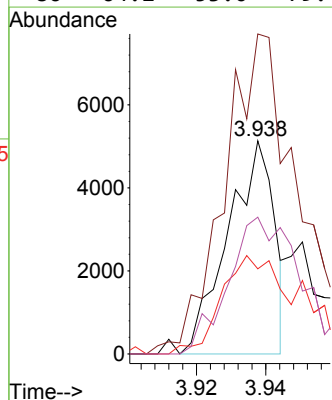
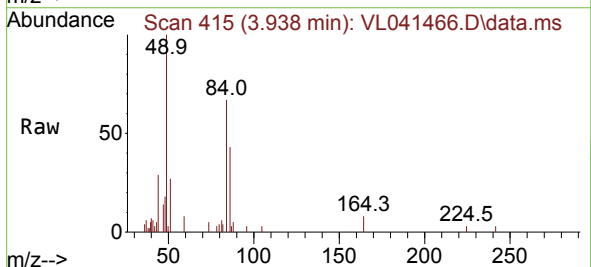
Instrument :
MSVOA_L
ClientSampleId :

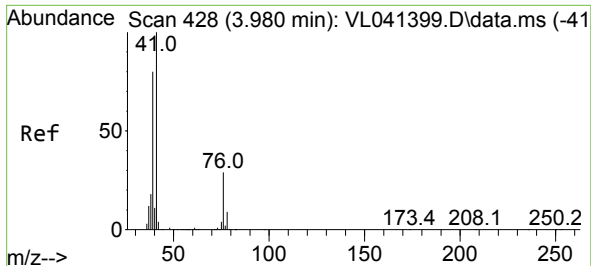
Tgt Ion: 45 Resp: 34
Ion Ratio Lower Upper
45 100
58 0.0 1.9 2.9#



#20
Methylene Chloride
Concen: 0.123 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.003 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion: 84 Resp: 4786
Ion Ratio Lower Upper
84 100
49 149.0 126.6 190.0
51 36.0 38.6 58.0#
86 64.2 53.0 79.4

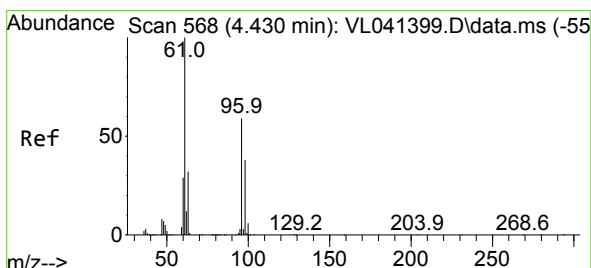
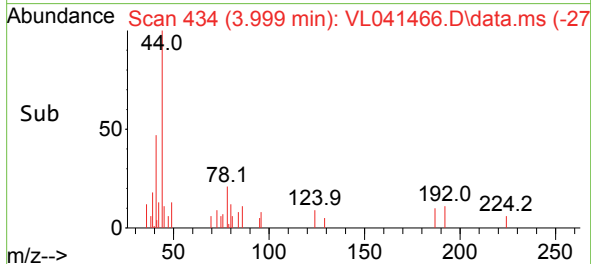
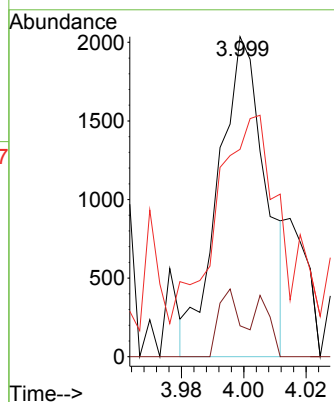
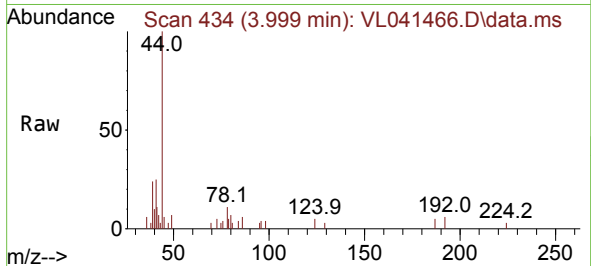




#21
Allyl Chloride
Concen: 0.031 ppbv
RT: 3.999 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

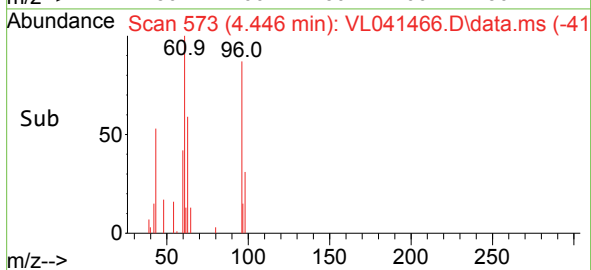
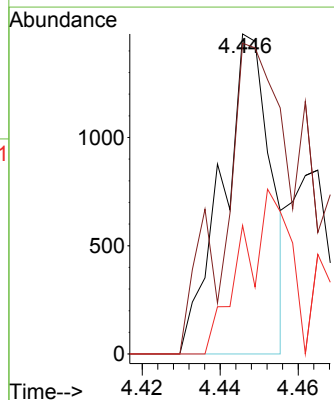
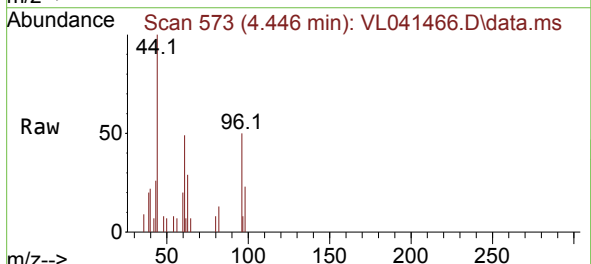
Instrument :
MSVOA_L
ClientSampleId :

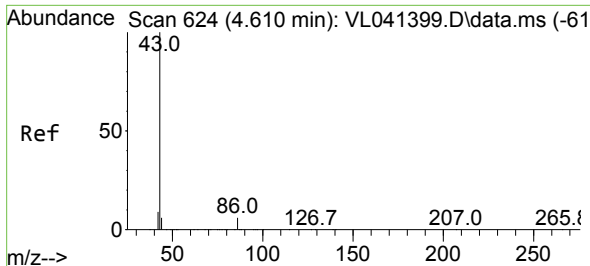
Tgt Ion: 41 Resp: 2134
Ion Ratio Lower Upper
41 100
76 16.1 23.7 35.5#
39 141.0 64.3 96.5#



#22
trans-1,2-Dichloroethene
Concen: 0.030 ppbv
RT: 4.446 min Scan# 573
Delta R.T. -0.000 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

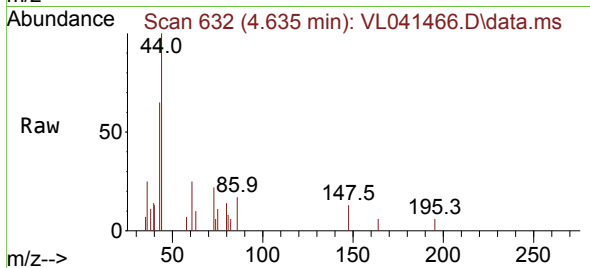
Tgt Ion: 96 Resp: 1283
Ion Ratio Lower Upper
96 100
61 97.1 135.4 203.2#
98 40.2 51.0 76.4#



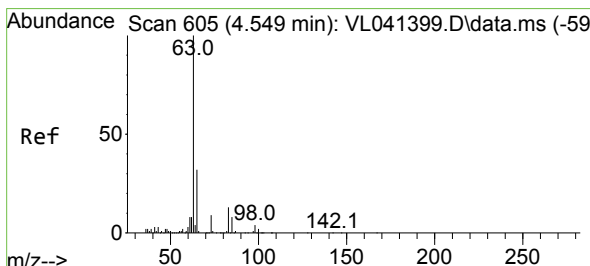
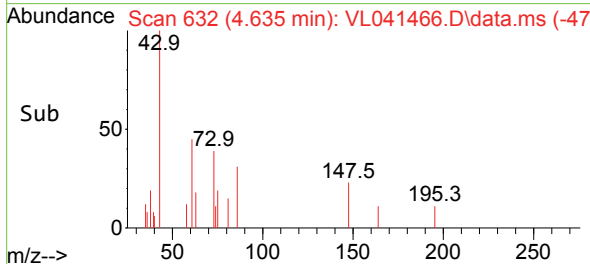
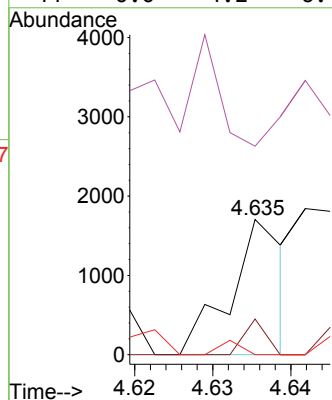


#23
 Vinyl Acetate
 Concen: 0.010 ppbv
 RT: 4.635 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

Instrument :
 MSVOA_L
 ClientSampleId :

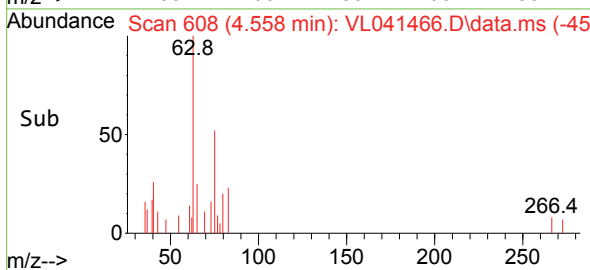
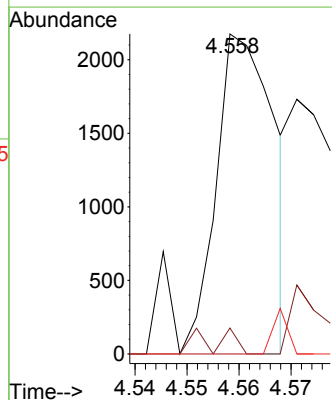
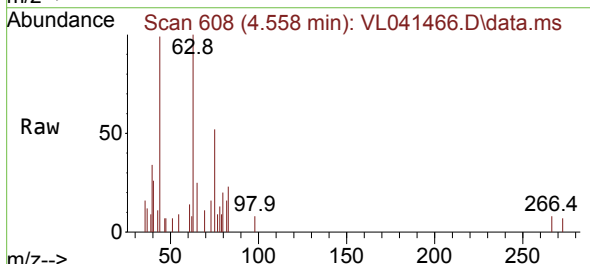


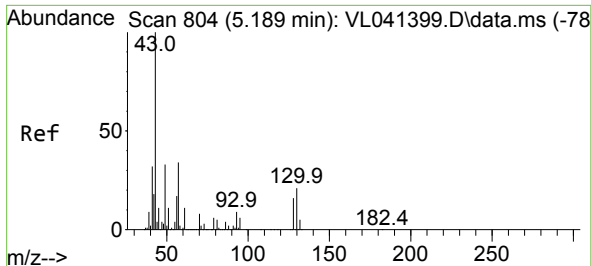
Tgt Ion: 43	Resp: 815
Ion Ratio	Lower Upper
43 100	
86 26.4	4.6 6.8#
42 0.0	7.9 11.9#
44 0.0	4.2 6.4#



#24
 1,1-Dichloroethane
 Concen: 0.018 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.007 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

Tgt Ion: 63	Resp:	1685	
Ion	Ratio	Lower	Upper
63	100		
98	8.1	2.0	6.0#
100	0.0	1.2	3.6#





#25

Ethyl Acetate

Concen: 0.003 ppbv

RT: 5.201 min Scan# 804

Delta R.T. -0.003 min

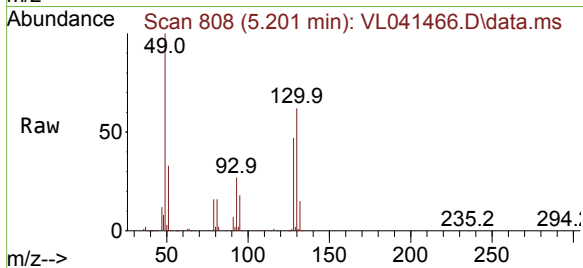
Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 665

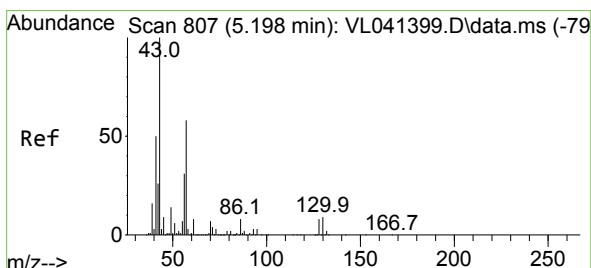
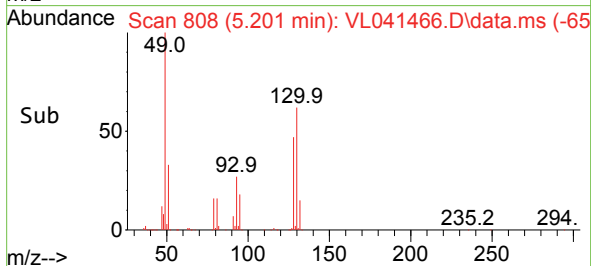
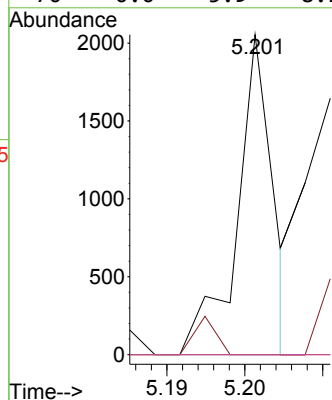
Ion Ratio Lower Upper

43 100

45 66.2 8.5 12.7#

61 0.0 8.0 12.0#

70 0.0 5.9 8.9#



#26

Hexane

Concen: 0.012 ppbv

RT: 5.214 min Scan# 812

Delta R.T. -0.000 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Tgt Ion: 57 Resp: 1024

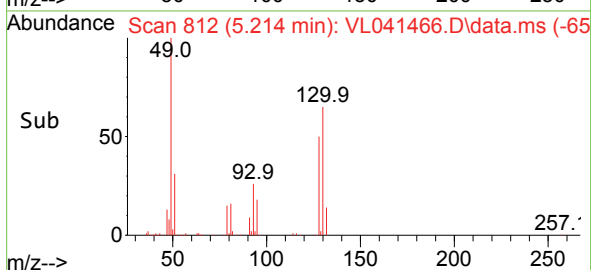
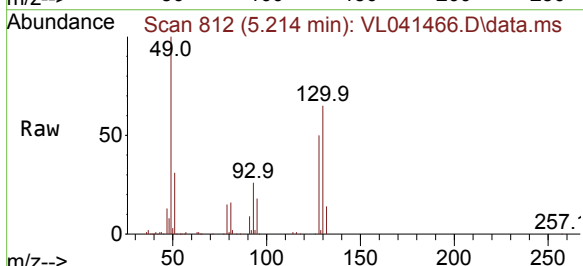
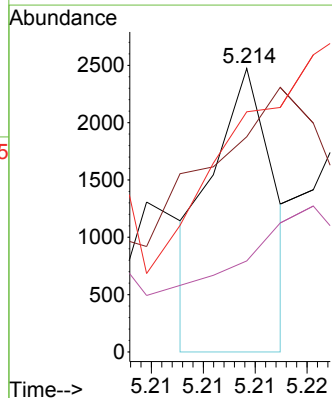
Ion Ratio Lower Upper

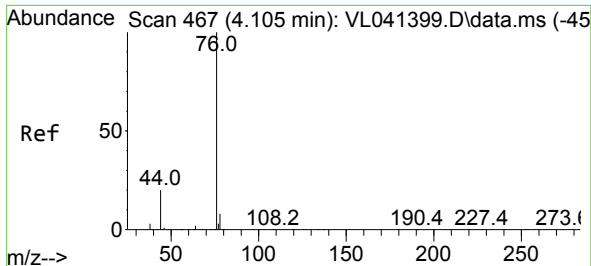
57 100

41 0.0 74.0 111.0#

43 0.0 193.6 290.4#

56 0.0 43.1 64.7#

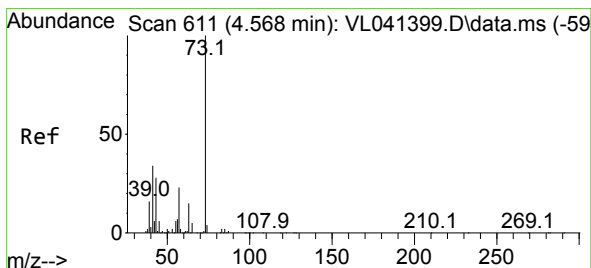
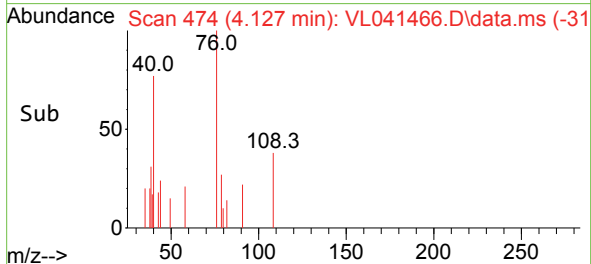
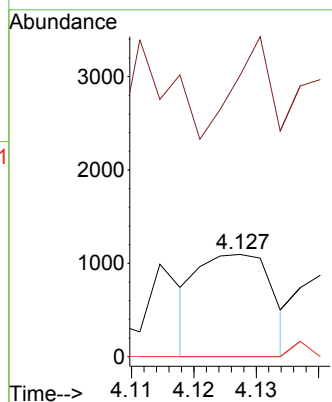
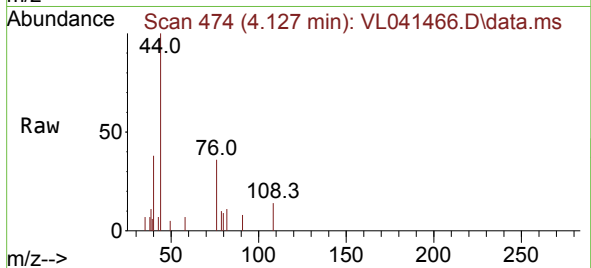




#27
Carbon Disulfide
Concen: 0.009 ppbv
RT: 4.127 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

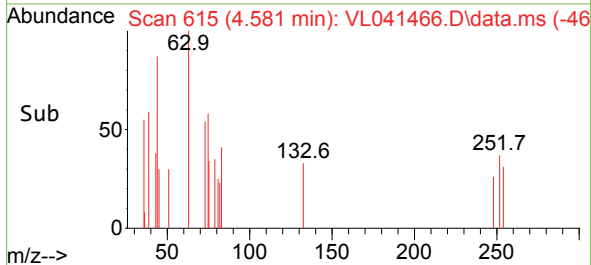
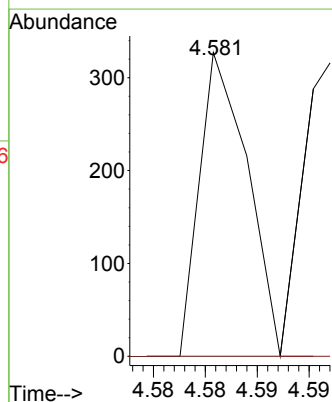
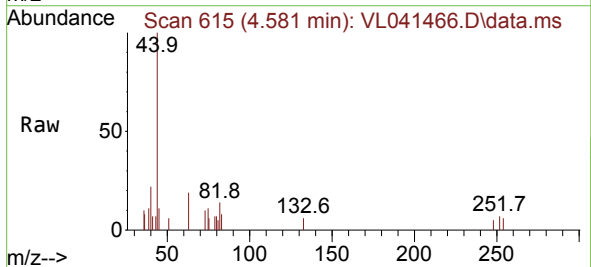
Instrument :
MSVOA_L
ClientSampleId :

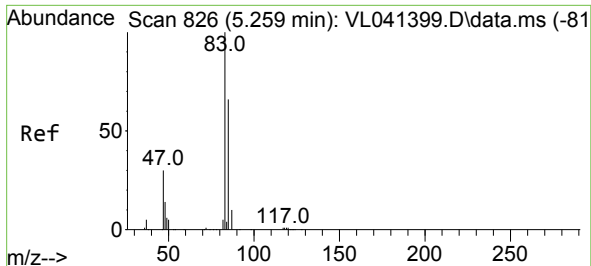
Tgt Ion: 76 Resp: 906
Ion Ratio Lower Upper
76 100
44 0.0 15.6 23.4#
78 0.0 7.7 11.5#



#28
Methyl tert-Butyl Ether
Concen: 0.002 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.007 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion: 73 Resp: 105
Ion Ratio Lower Upper
73 100
57 0.0 18.9 28.3#





#29

Chloroform

Concen: 0.026 ppbv

RT: 5.275 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

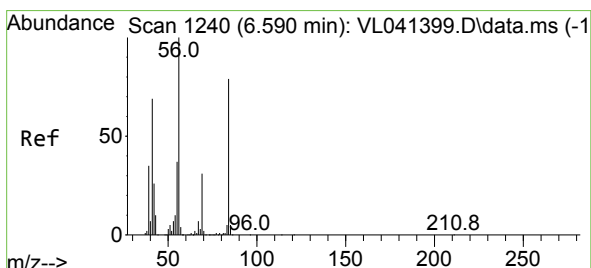
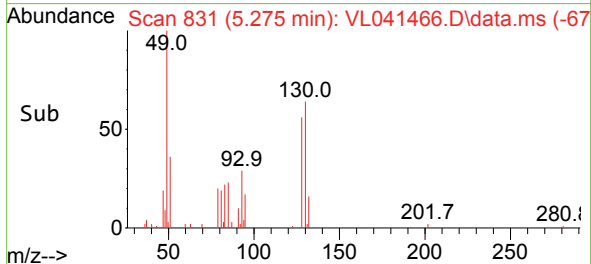
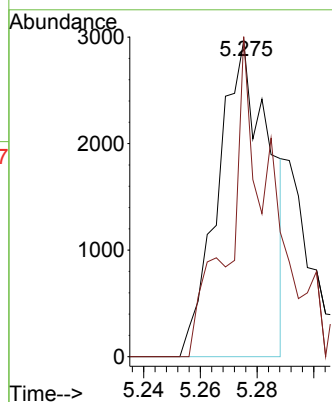
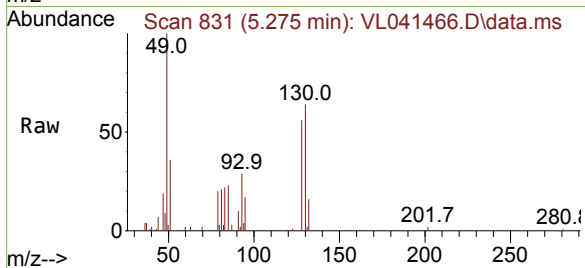
ClientSampleId :

Tgt Ion: 83 Resp: 3718

Ion Ratio Lower Upper

83 100

85 101.3 53.1 79.7#



#30

Cyclohexane

Concen: 0.009 ppbv

RT: 6.606 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

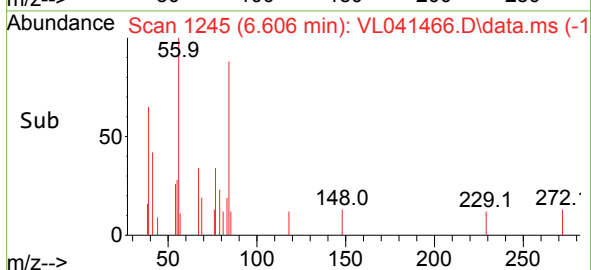
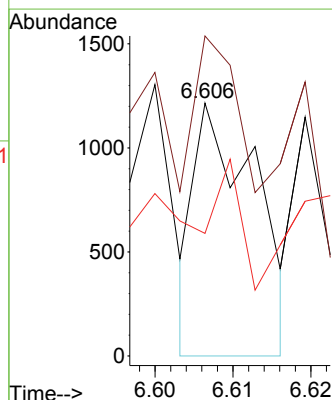
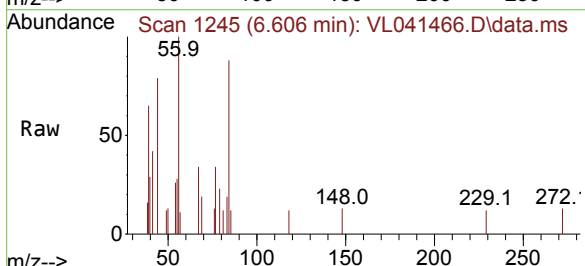
Tgt Ion: 84 Resp: 665

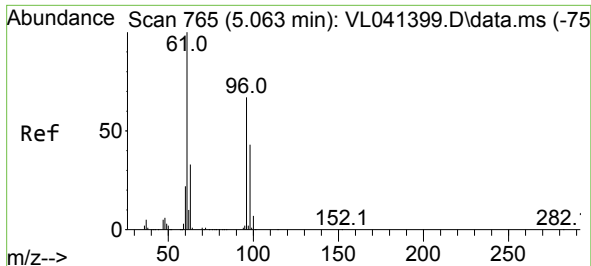
Ion Ratio Lower Upper

84 100

56 0.0 111.2 166.8#

41 347.2 70.3 105.5#

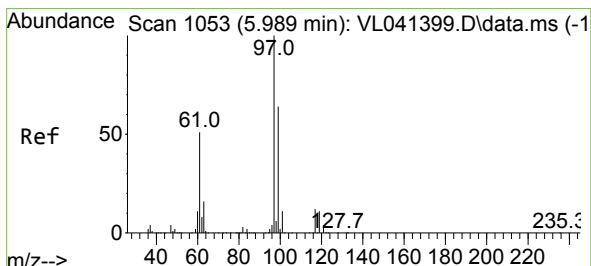
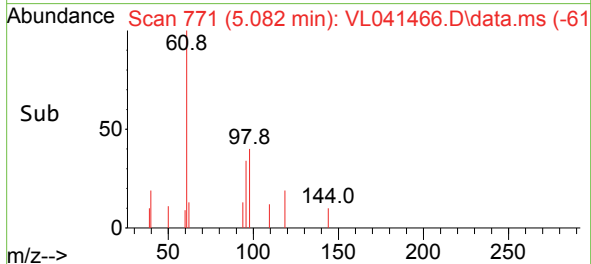
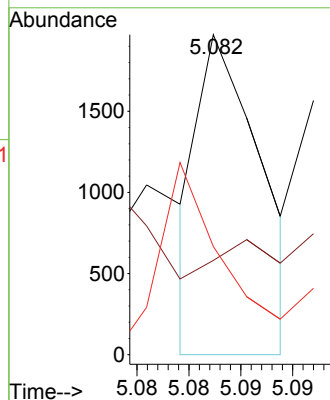
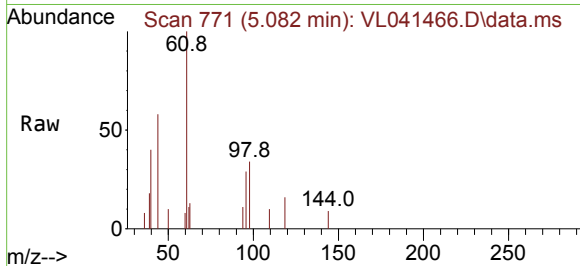




#31
 cis-1,2-Dichloroethene
 Concen: 0.010 ppbv
 RT: 5.082 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

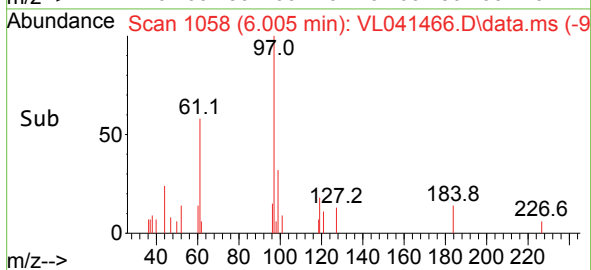
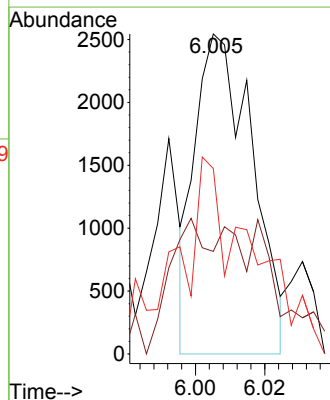
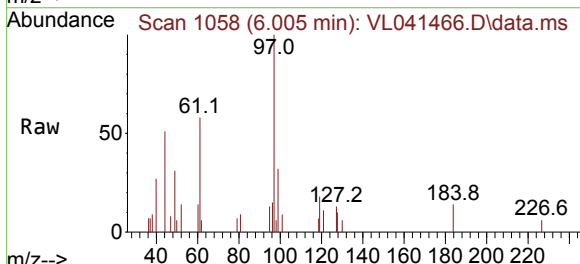
Instrument :
 MSVOA_L
 ClientSampleId :

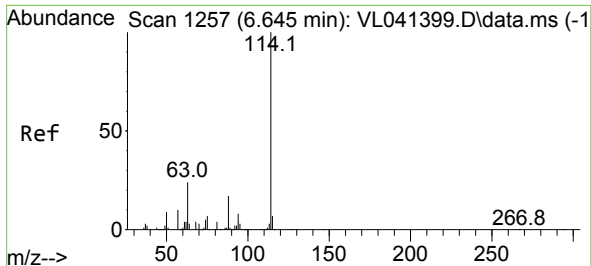
Tgt Ion: 61 Resp: 826
 Ion Ratio Lower Upper
 61 100
 96 1.5 53.4 80.2#
 98 40.0 34.4 51.6



#32
 1,1,1-Trichloroethane
 Concen: 0.021 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.003 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

Tgt Ion: 97 Resp: 2899
 Ion Ratio Lower Upper
 97 100
 99 73.2 52.0 78.0
 61 90.1 41.8 62.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. -0.000 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

ClientSampleId :

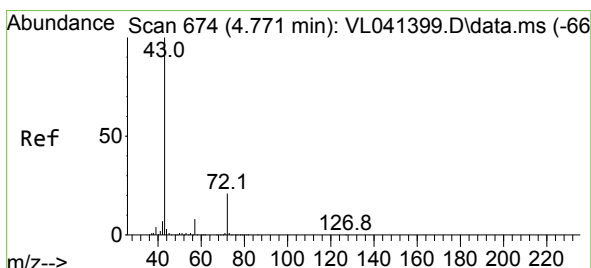
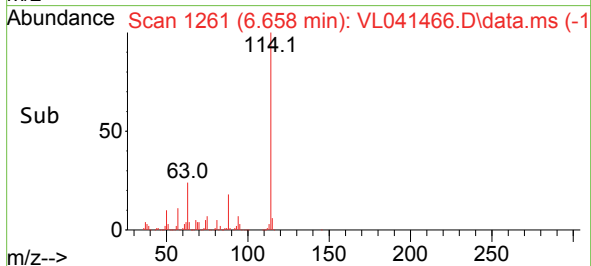
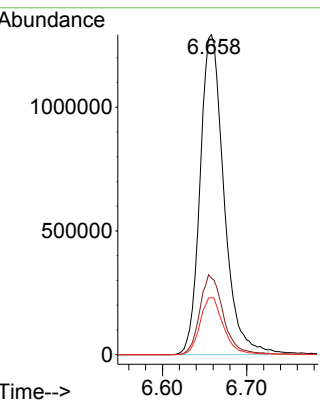
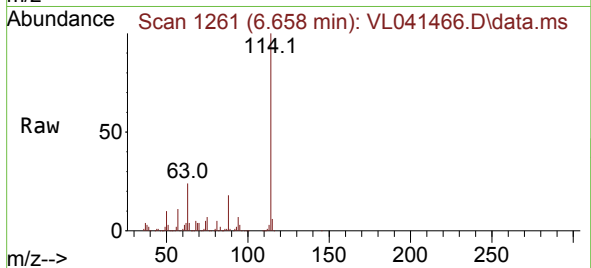
Tgt Ion:114 Resp: 2537122

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

88 17.8 14.3 21.5



#34

2-Butanone

Concen: 0.001 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.006 min

Lab File: VL041466.D

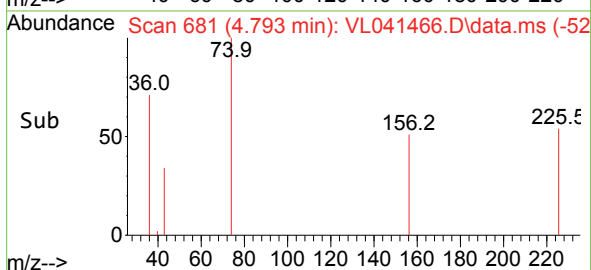
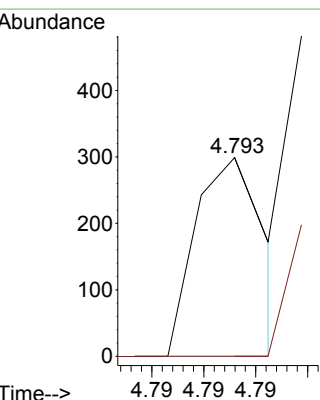
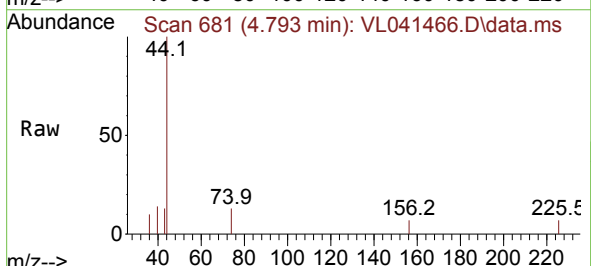
Acq: 31 Jul 2024 16:59

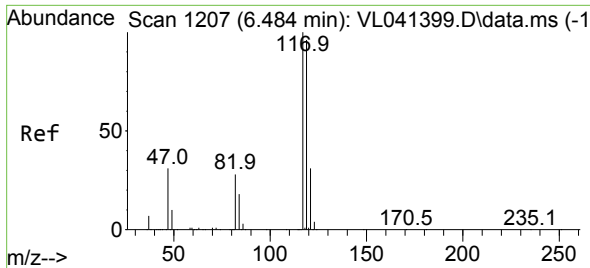
Tgt Ion: 43 Resp: 138

Ion Ratio Lower Upper

43 100

72 0.0 17.3 25.9#

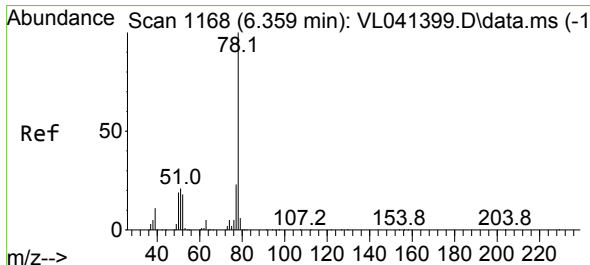
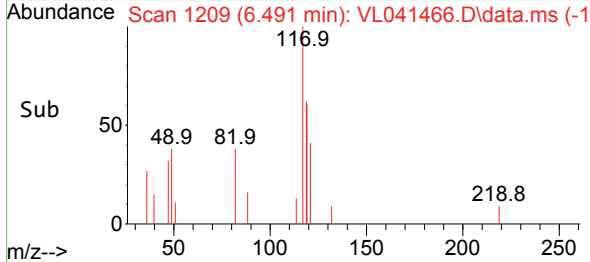
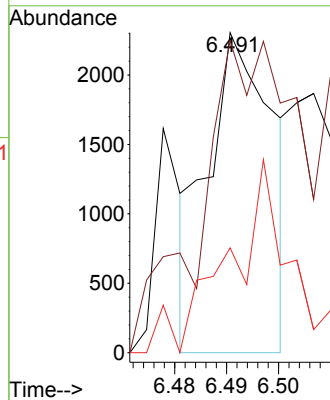
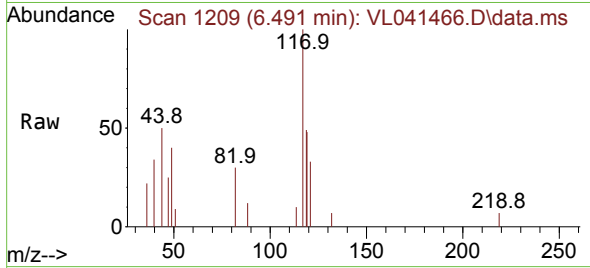




#35
Carbon Tetrachloride
Concen: 0.014 ppbv
RT: 6.491 min Scan# 1172
Delta R.T. -0.007 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

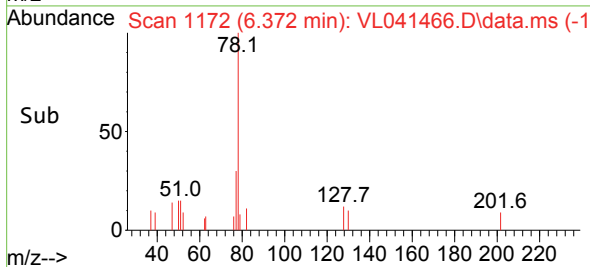
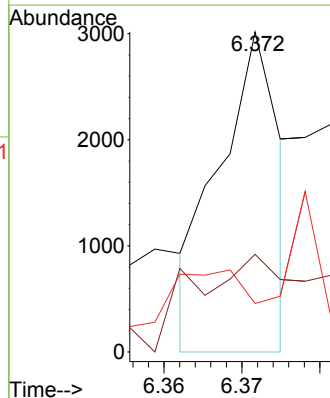
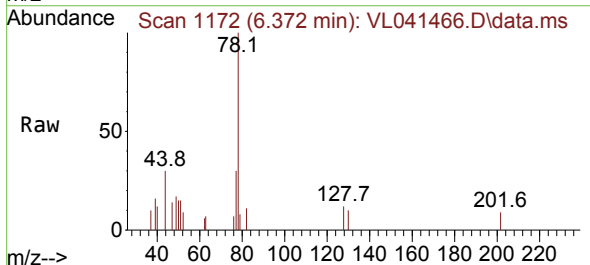
Instrument :
MSVOA_L
ClientSampleId :

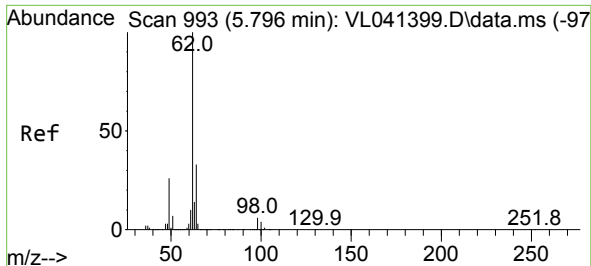
Tgt Ion:117 Resp: 1995
Ion Ratio Lower Upper
117 100
119 132.2 76.6 115.0#
121 65.2 25.1 37.7#



#36
Benzene
Concen: 0.009 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion: 78 Resp: 1633
Ion Ratio Lower Upper
78 100
77 11.4 18.1 27.1#
50 0.0 15.5 23.3#





#37

1,2-Dichloroethane

Concen: 0.021 ppbv

RT: 5.806 min Scan# 993

Delta R.T. -0.003 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

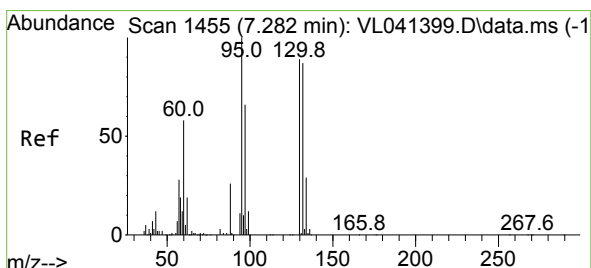
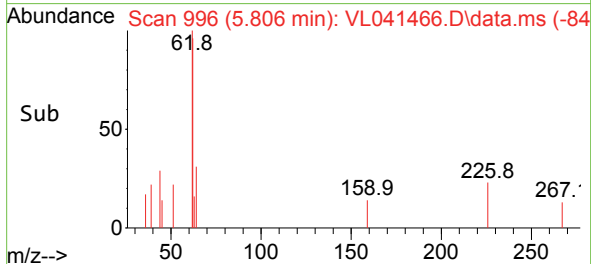
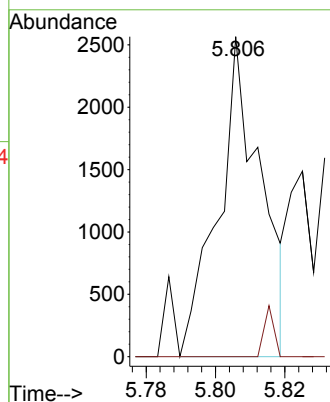
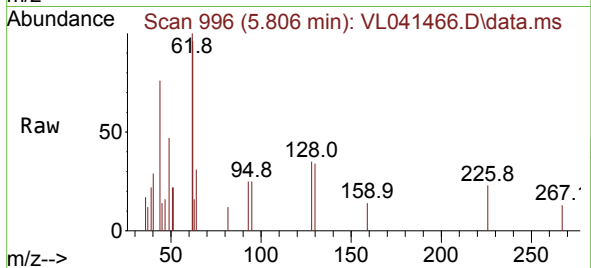
ClientSampleId :

Tgt Ion: 62 Resp: 2180

Ion Ratio Lower Upper

62 100

98 0.0 5.0 7.4#



#38

Trichloroethene

Concen: 0.009 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Tgt Ion: 130 Resp: 795

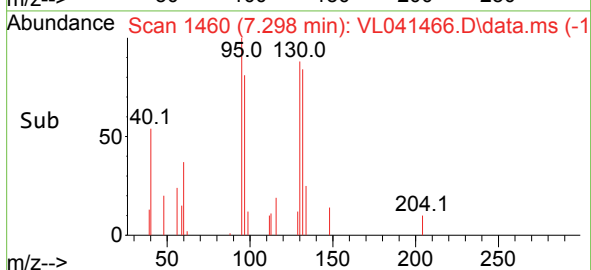
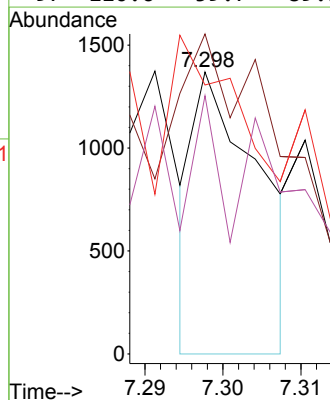
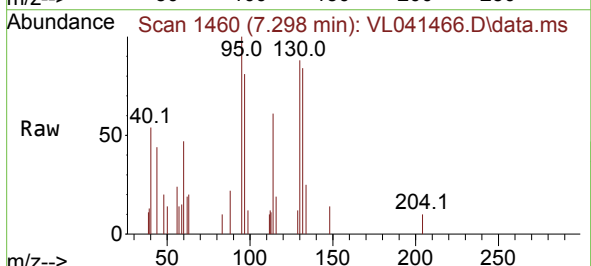
Ion Ratio Lower Upper

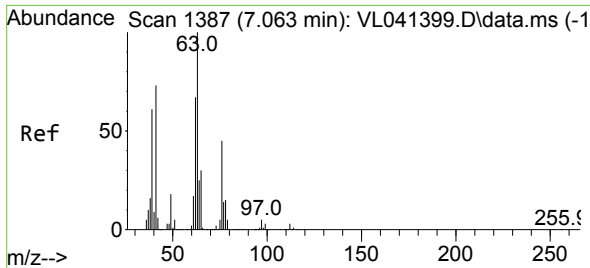
130 100

95 100.5 90.2 135.2

132 79.2 78.1 117.1

97 110.6 59.7 89.5#





#39

1,2-Dichloropropane

Concen: 8.855 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

ClientSampleId :

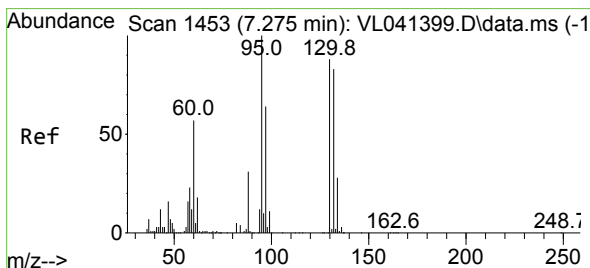
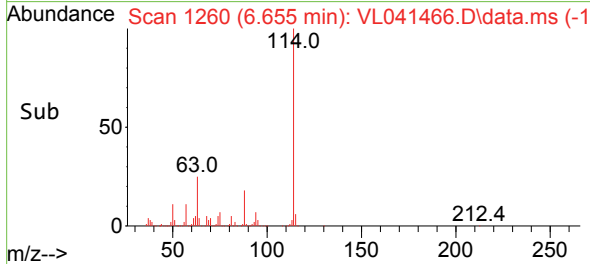
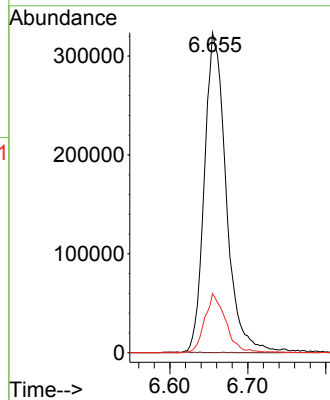
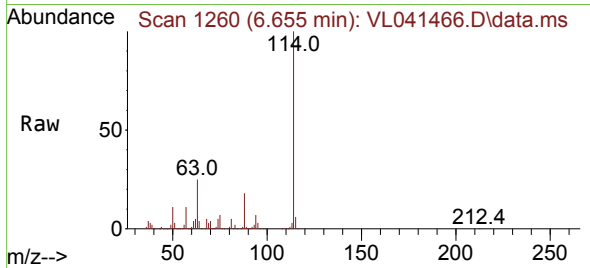
Tgt Ion: 63 Resp: 628518

Ion Ratio Lower Upper

63 100

41 0.1 58.3 87.5#

62 18.4 53.9 80.9#



#40

1,4-Dioxane

Concen: 0.002 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Tgt Ion: 88 Resp: 66

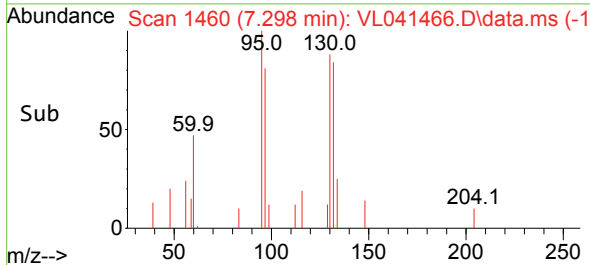
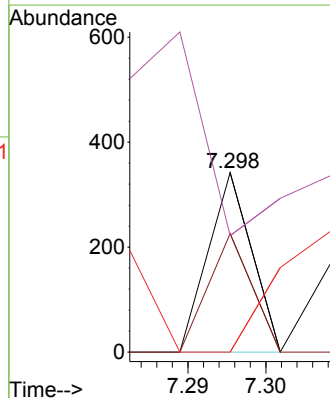
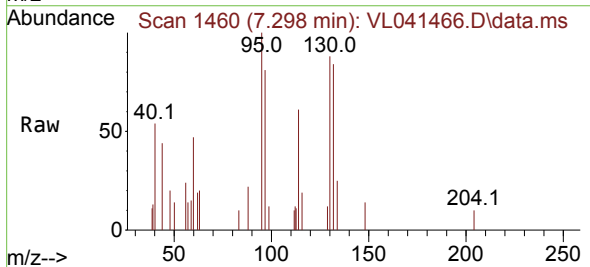
Ion Ratio Lower Upper

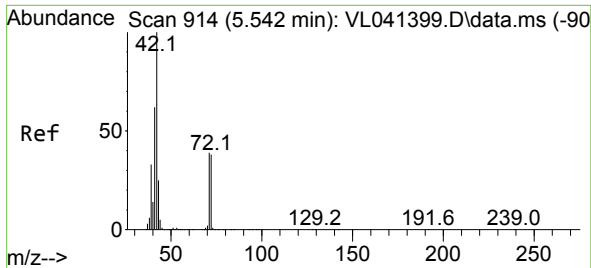
88 100

58 0.0 95.8 143.6#

43 0.0 188.2 282.2#

57 0.0 813.6 1220.4#

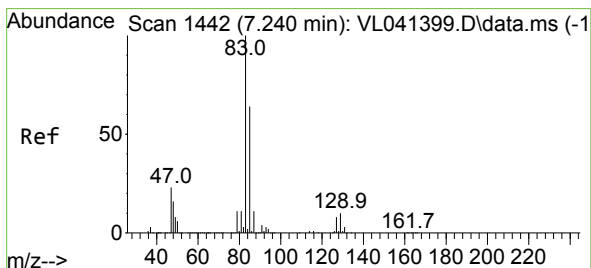
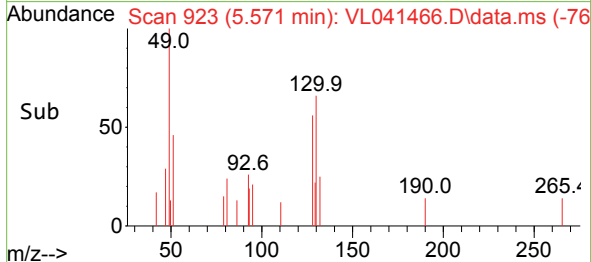
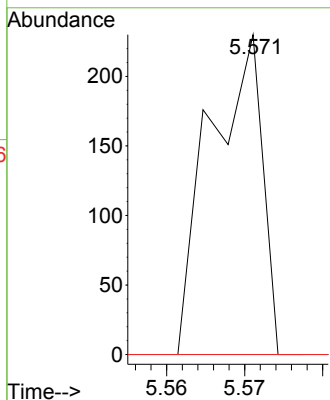
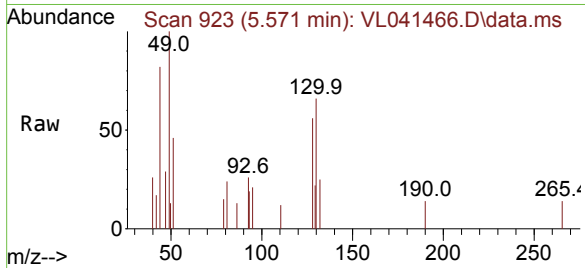




#41
Tetrahydrofuran
Concen: 0.002 ppbv
RT: 5.571 min Scan# 914
Delta R.T. 0.013 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

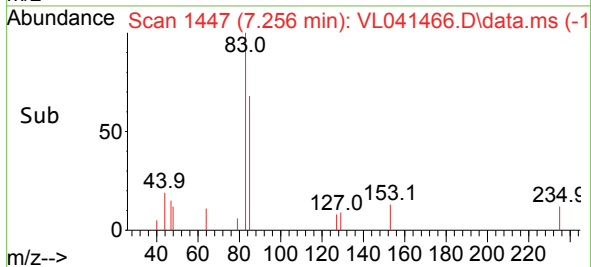
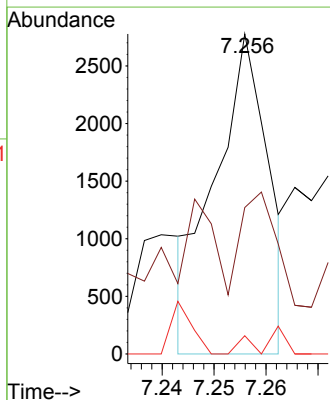
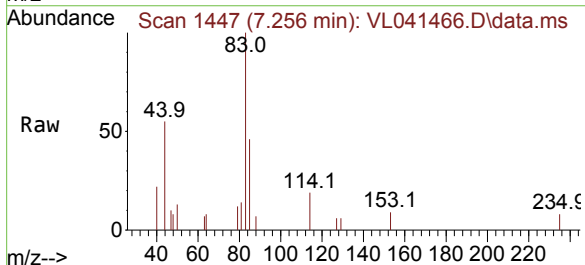
Instrument :
MSVOA_L
ClientSampleId :

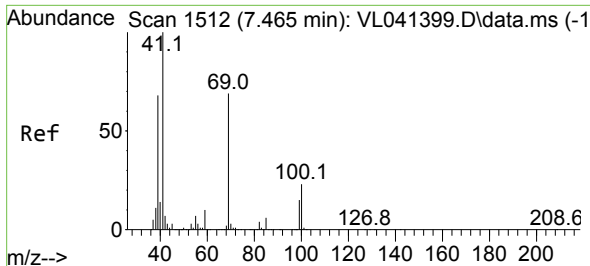
Tgt Ion:	42	Resp:	107
Ion	Ratio	Lower	Upper
42	100		
72	39.3	31.2	46.8
71	0.0	30.5	45.7#



#42
Bromodichloromethane
Concen: 0.013 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion:	83	Resp:	1986
Ion	Ratio	Lower	Upper
83	100		
85	37.6	51.4	77.0#
127	0.0	6.7	10.1#

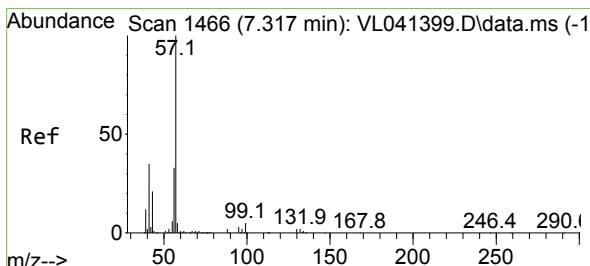
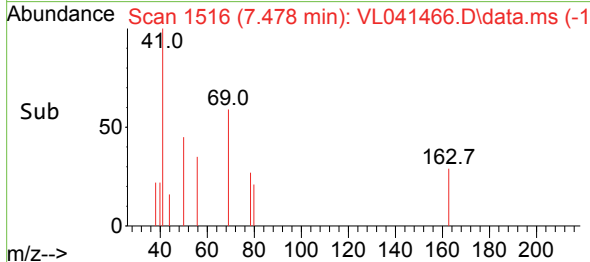
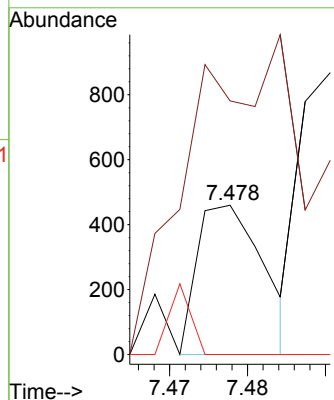
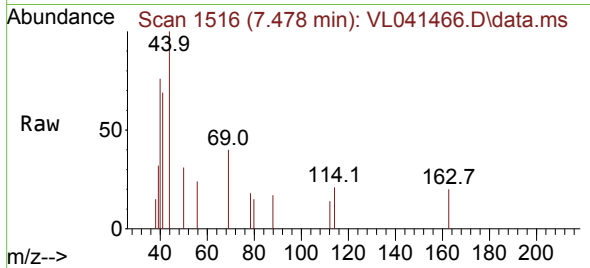




#43
Methyl Methacrylate
Concen: 0.004 ppbv
RT: 7.478 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

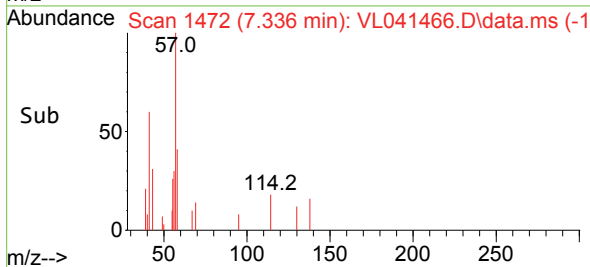
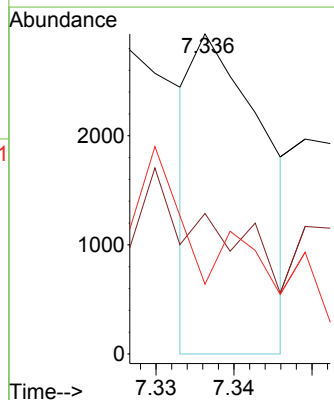
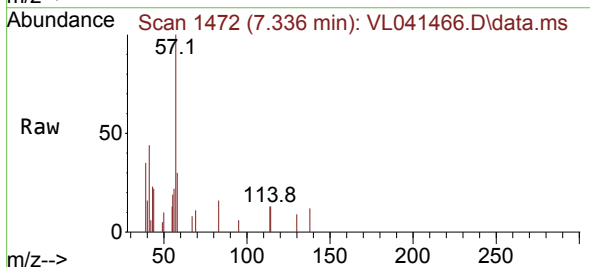
Instrument :
MSVOA_L
ClientSampleId :

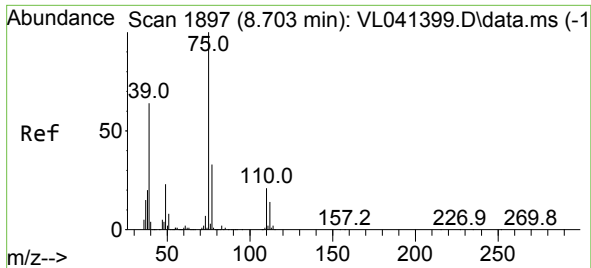
Tgt Ion: 69 Resp: 273
Ion Ratio Lower Upper
69 100
41 0.0 118.7 178.1#
100 0.0 27.0 40.4#



#44
2,2,4-Trimethylpentane
Concen: 0.006 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.003 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion: 57 Resp: 1830
Ion Ratio Lower Upper
57 100
41 0.0 27.0 40.6#
56 0.0 25.2 37.8#

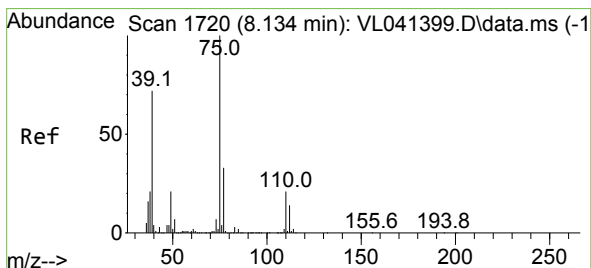
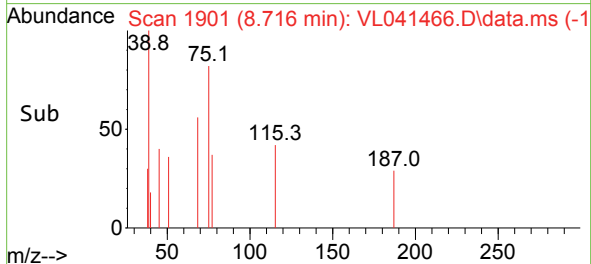
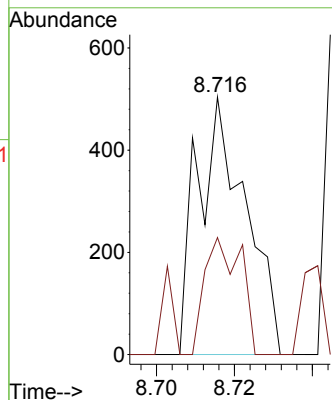
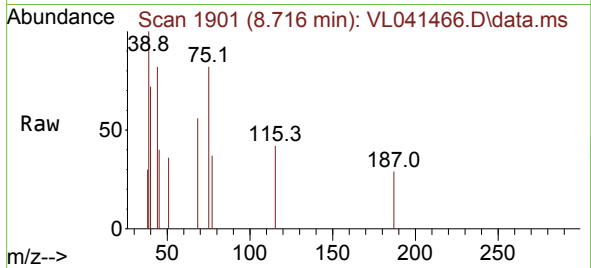




#45
 t-1,3-Dichloropropene
 Concen: 0.007 ppbv
 RT: 8.716 min Scan# 1897
 Delta R.T. 0.003 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

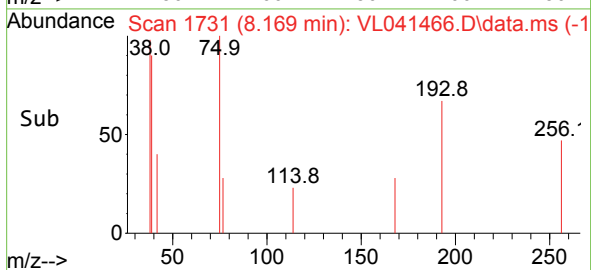
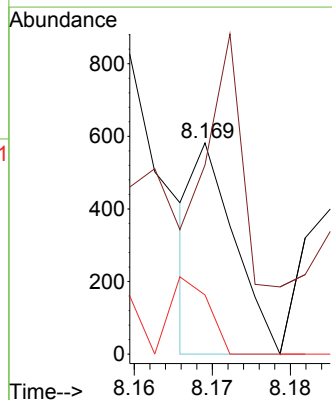
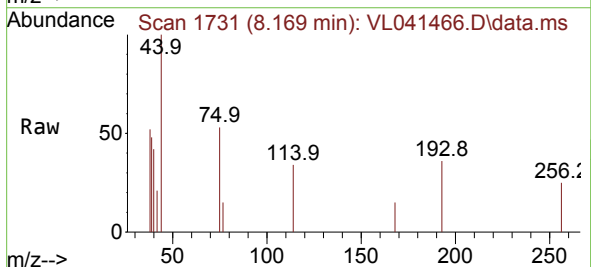
Instrument :
 MSVOA_L
 ClientSampleId :

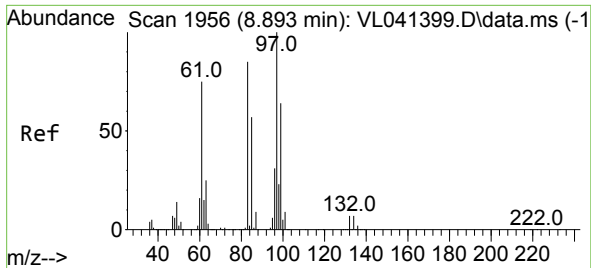
Tgt Ion: 75 Resp: 433
 Ion Ratio Lower Upper
 75 100
 77 45.4 26.5 39.7#



#46
 cis-1,3-Dichloropropene
 Concen: 0.002 ppbv
 RT: 8.169 min Scan# 1731
 Delta R.T. 0.019 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

Tgt Ion: 75 Resp: 210
 Ion Ratio Lower Upper
 75 100
 39 57.7 57.3 85.9
 77 28.0 26.2 39.2



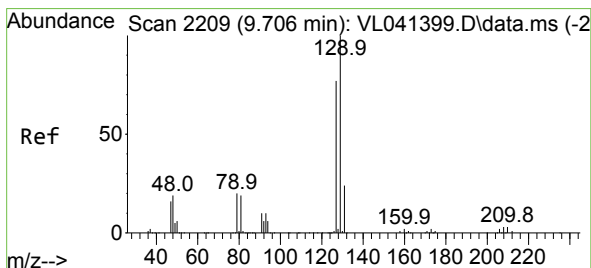
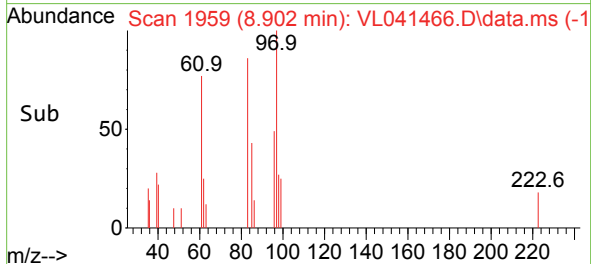
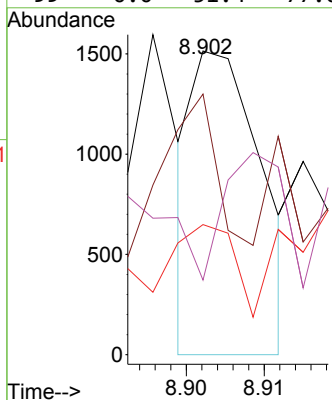
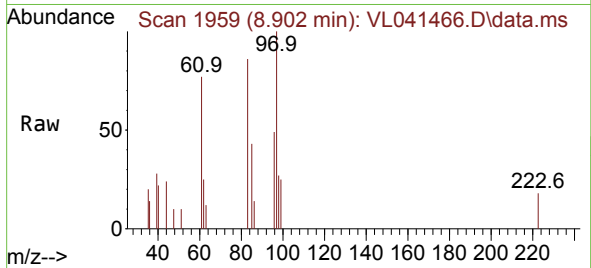


#47
 1,1,2-Trichloroethane
 Concen: 0.012 ppbv
 RT: 8.902 min Scan# 1956
 Delta R.T. -0.003 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 97 Resp: 920

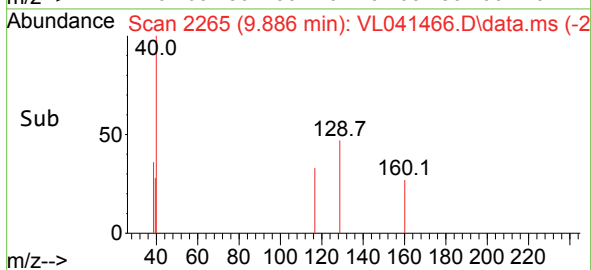
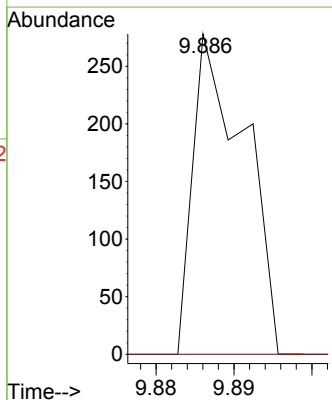
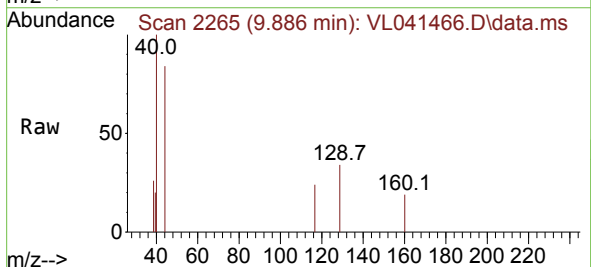
Ion	Ratio	Lower	Upper
97	100		
83	25.8	67.6	101.4#
85	11.2	45.9	68.9#
99	0.0	51.4	77.0#

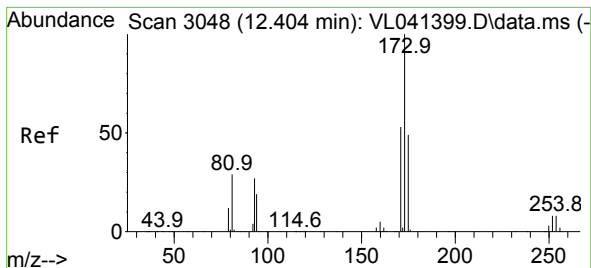


#48
 Dibromochloromethane
 Concen: 0.001 ppbv
 RT: 9.886 min Scan# 2265
 Delta R.T. 0.167 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

Tgt Ion: 129 Resp: 128

Ion	Ratio	Lower	Upper
129	100		
127	67.2	39.3	117.8





#49

Bromoform

Concen: 0.004 ppbv

RT: 12.416 min Scan# 3048

Delta R.T. 0.003 min

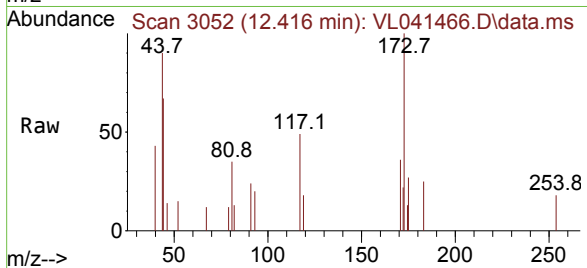
Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

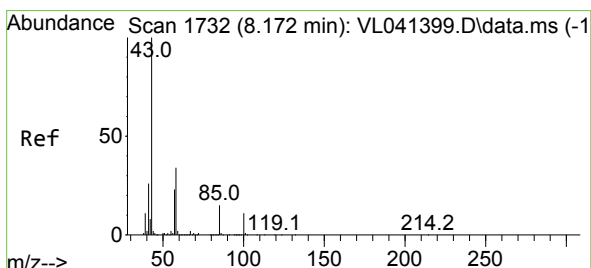
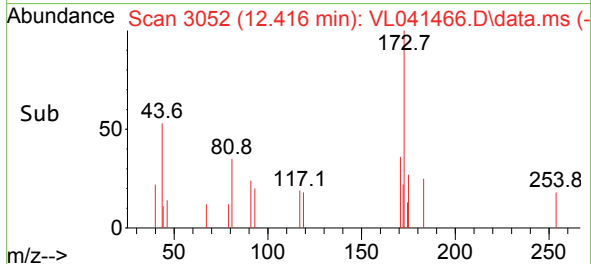
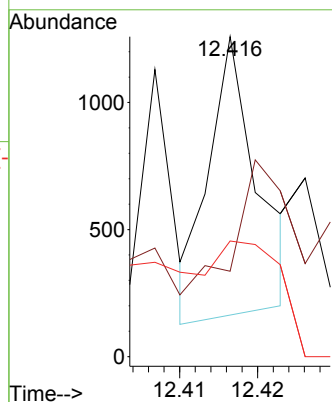
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	173	Resp:	473
Ion	Ratio	Lower	Upper
173	100		
175	246.5	39.9	59.9#
171	0.0	41.7	62.5#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

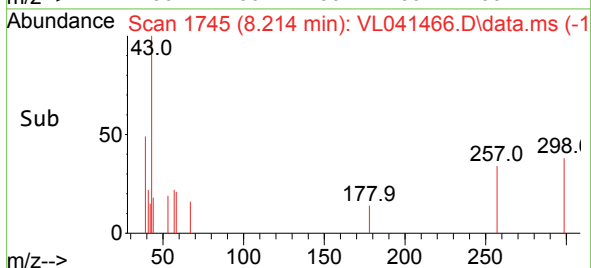
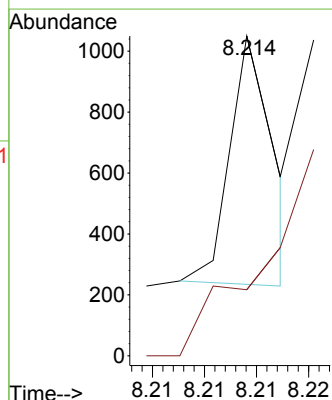
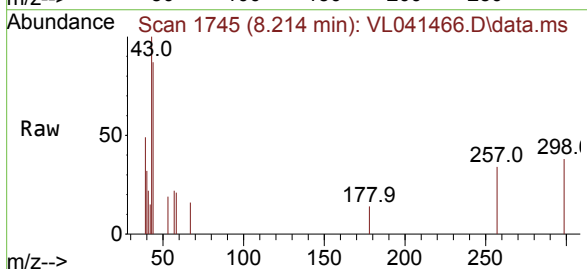
RT: 8.214 min Scan# 1745

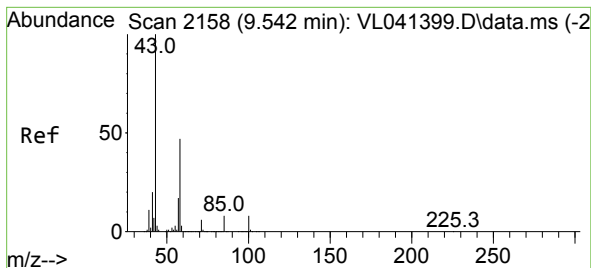
Delta R.T. 0.029 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Tgt Ion:	43	Resp:	239
Ion	Ratio	Lower	Upper
43	100		
58	18.4	27.9	41.9#





#51

2-Hexanone

Concen: 0.000 ppbv

RT: 9.561 min Scan# 2158

Delta R.T. 0.010 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

ClientSampleId :

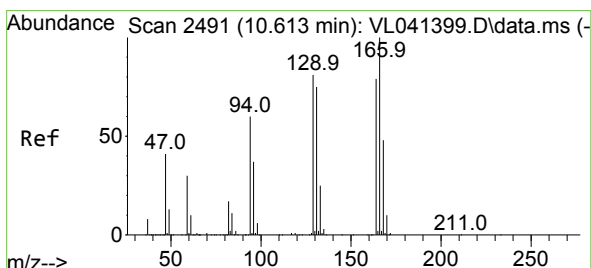
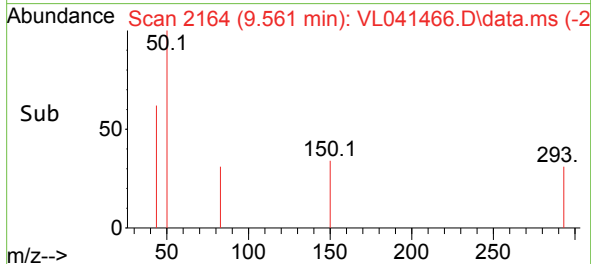
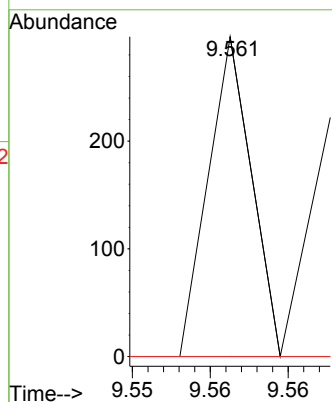
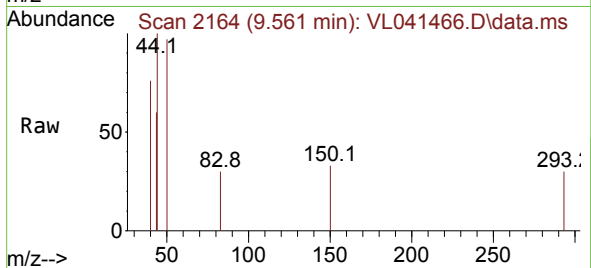
Tgt Ion: 43 Resp: 57

Ion Ratio Lower Upper

43 100

58 0.0 38.2 57.2#

98 0.0 0.3 0.5#



#52

Tetrachloroethene

Concen: 0.010 ppbv

RT: 10.622 min Scan# 2494

Delta R.T. -0.000 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Tgt Ion: 164 Resp: 750

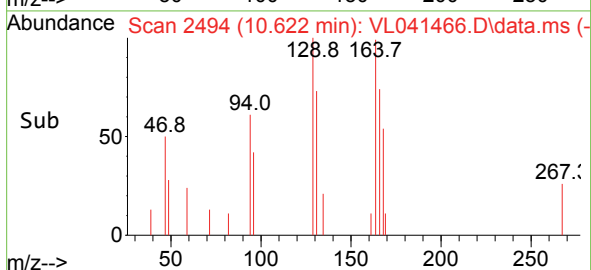
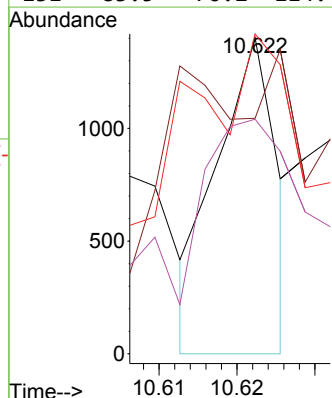
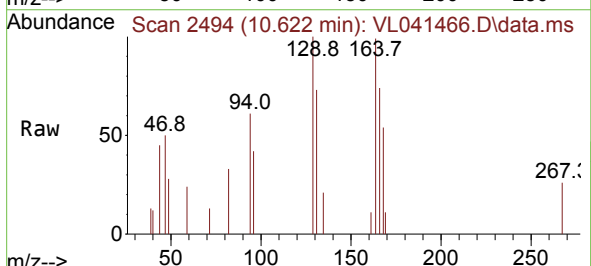
Ion Ratio Lower Upper

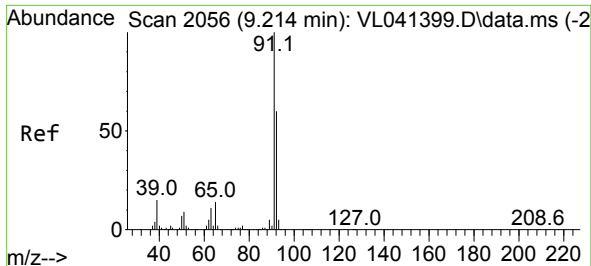
164 100

166 0.0 101.1 151.7#

129 21.3 81.7 122.5#

131 83.5 76.2 114.4

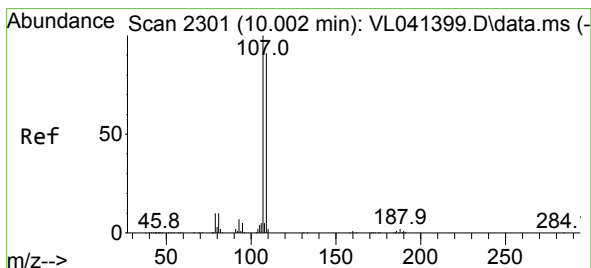
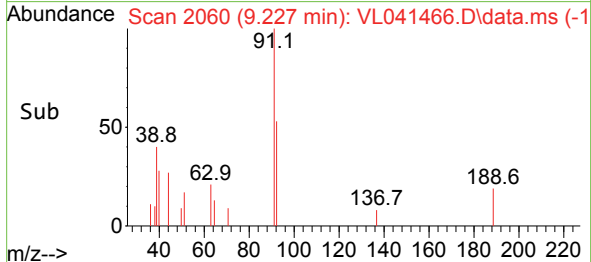
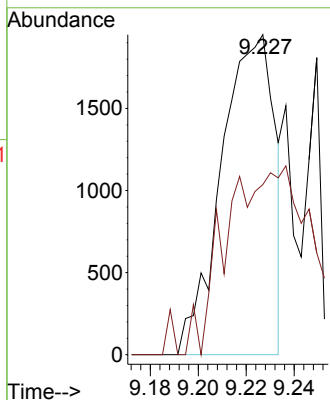
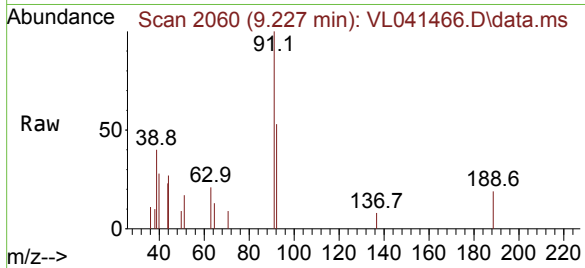




#53
Toluene
Concen: 0.014 ppbv
RT: 9.227 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

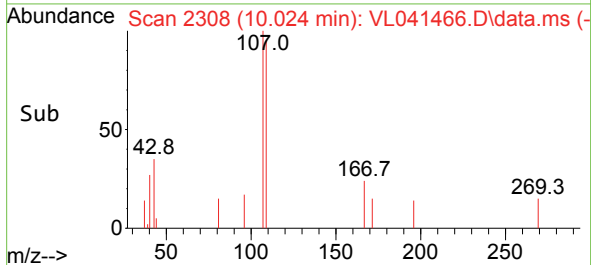
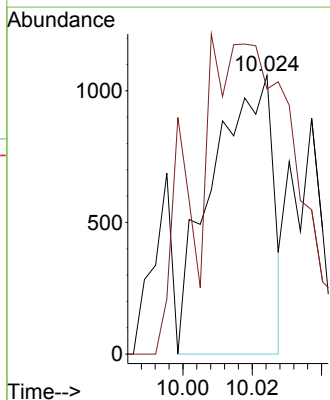
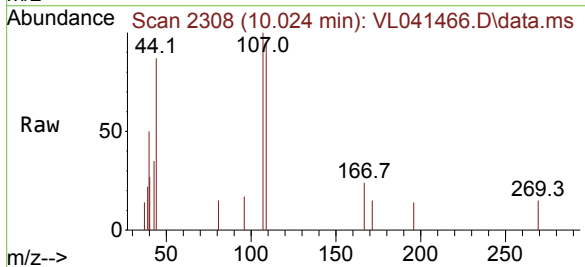
Instrument :
MSVOA_L
ClientSampleId :

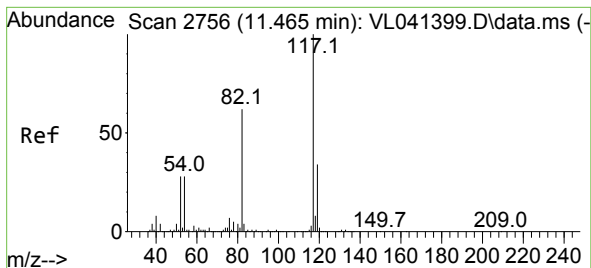
Tgt Ion: 91 Resp: 2983
Ion Ratio Lower Upper
91 100
92 0.0 48.7 73.1#



#54
1,2-Dibromoethane
Concen: 0.012 ppbv
RT: 10.024 min Scan# 2308
Delta R.T. 0.010 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion: 107 Resp: 1287
Ion Ratio Lower Upper
107 100
109 10.2 72.7 109.1#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

ClientSampleId :

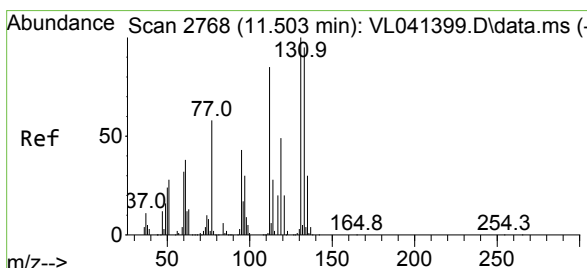
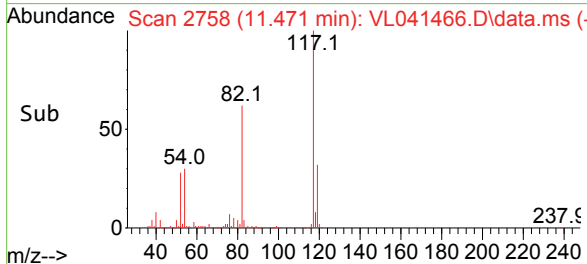
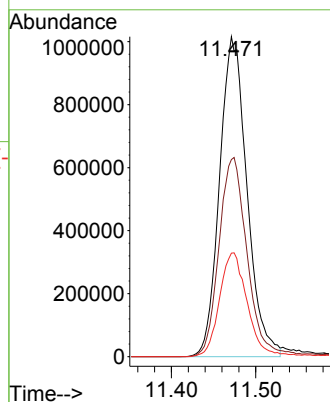
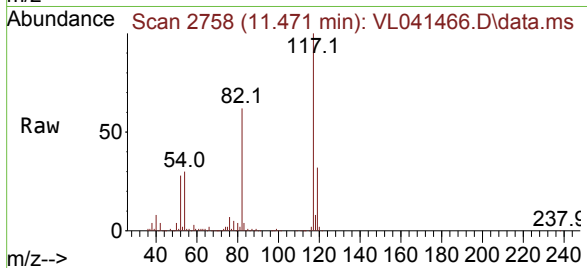
Tgt Ion:117 Resp: 2291795

Ion Ratio Lower Upper

117 100

82 65.6 51.0 76.6

119 33.7 45.2 67.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 0.009 ppbv

RT: 11.516 min Scan# 2772

Delta R.T. -0.000 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

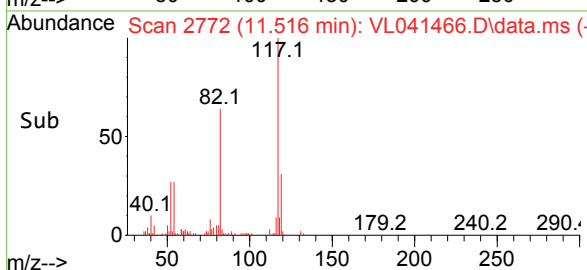
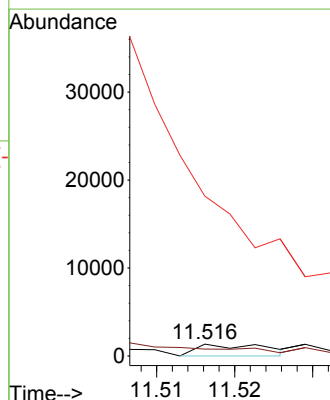
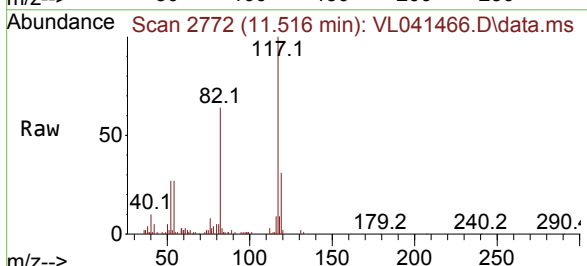
Tgt Ion:131 Resp: 820

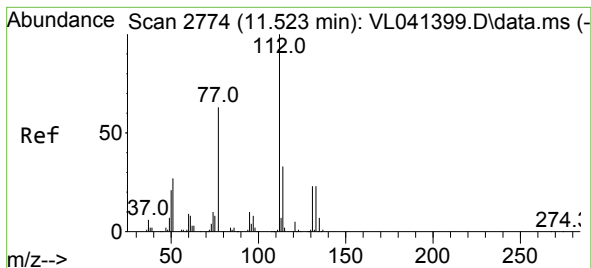
Ion Ratio Lower Upper

131 100

133 0.0 77.0 115.4#

119 0.0 121.5 182.3#





#57

Chlorobenzene

Concen: 0.011 ppbv

RT: 11.535 min Scan# 21

Delta R.T. -0.000 min

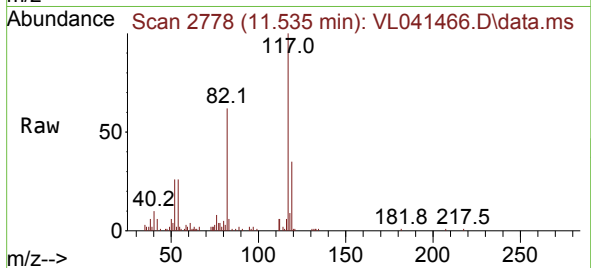
Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

ClientSampleId :



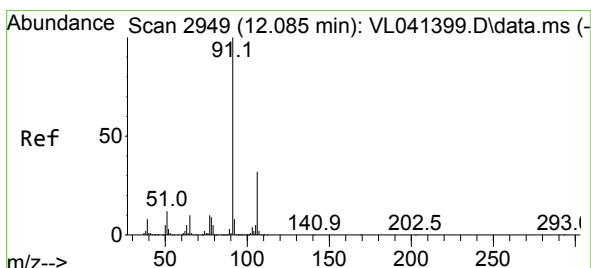
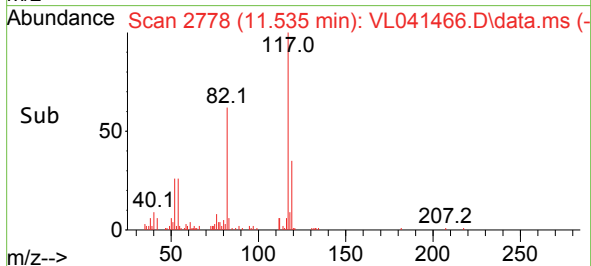
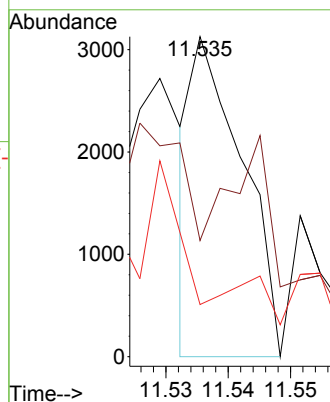
Tgt Ion:112 Resp: 1767

Ion Ratio Lower Upper

112 100

77 14.5 51.1 76.7#

114 6.3 29.5 36.1#



#58

Ethyl Benzene

Concen: 0.011 ppbv

RT: 12.092 min Scan# 2951

Delta R.T. -0.007 min

Lab File: VL041466.D

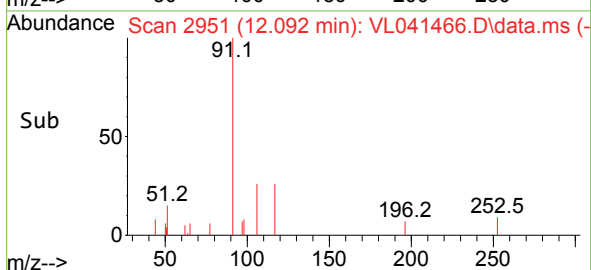
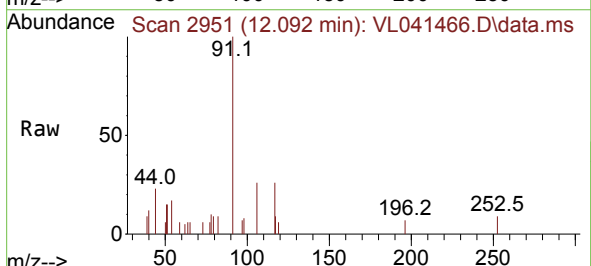
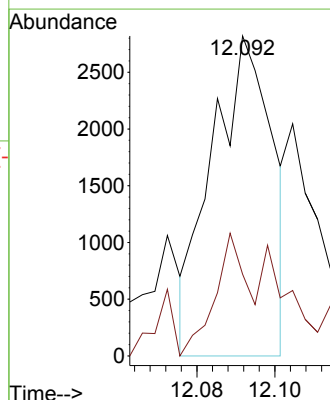
Acq: 31 Jul 2024 16:59

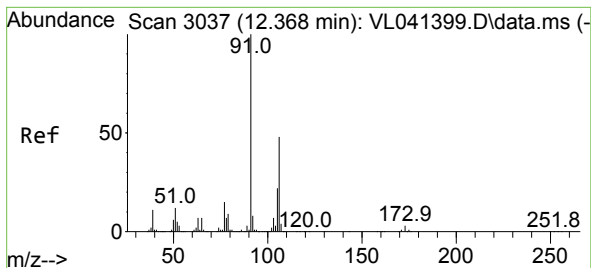
Tgt Ion: 91 Resp: 3026

Ion Ratio Lower Upper

91 100

106 34.0 25.8 38.8

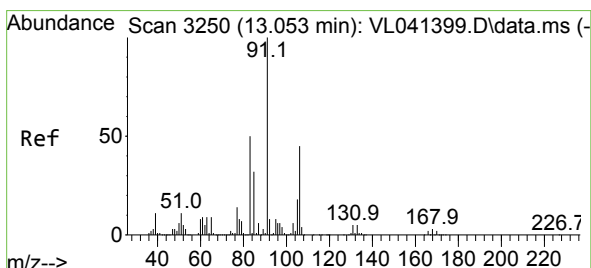
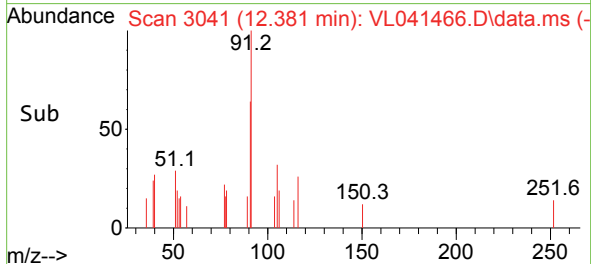
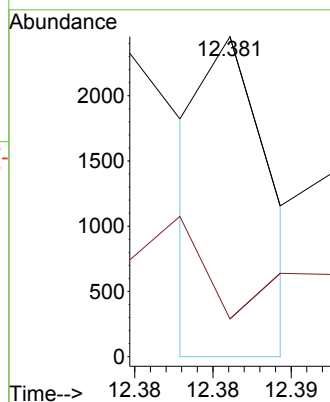
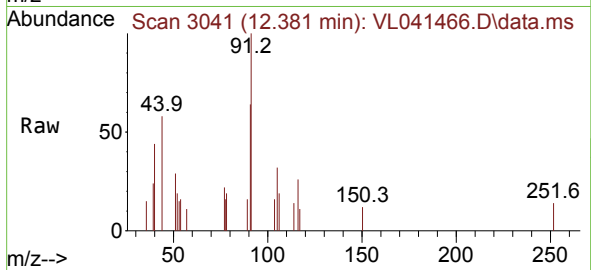




#59
m/p-Xylene
Concen: 0.003 ppbv
RT: 12.381 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

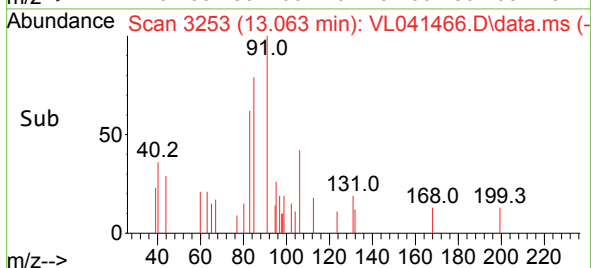
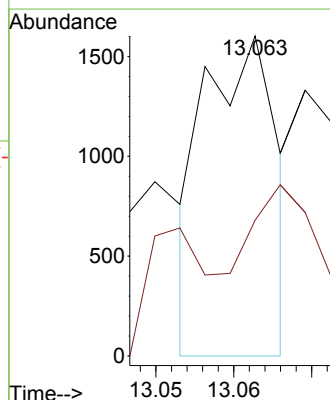
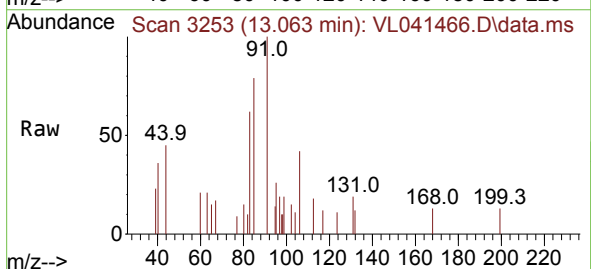
Instrument :
MSVOA_L
ClientSampleId :

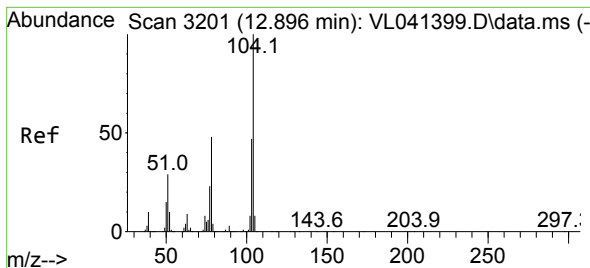
Tgt Ion: 91 Resp: 695
Ion Ratio Lower Upper
91 100
106 0.0 36.3 54.5#



#60
o-Xylene
Concen: 0.005 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. -0.003 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion: 91 Resp: 1027
Ion Ratio Lower Upper
91 100
106 0.0 23.1 69.3#





#61

Styrene

Concen: 0.004 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL041466.D

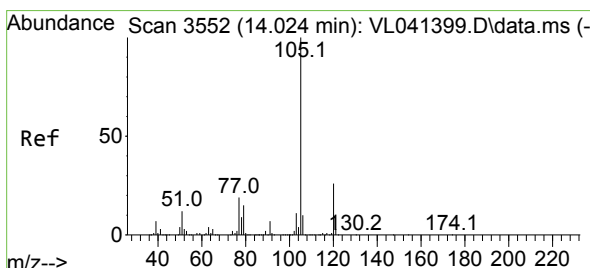
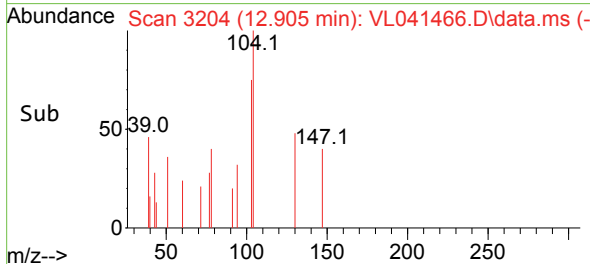
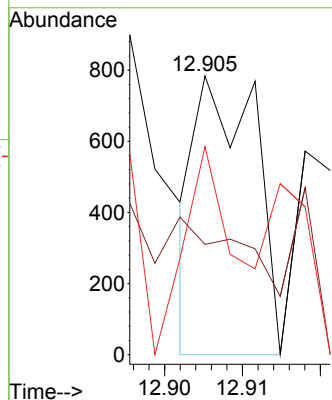
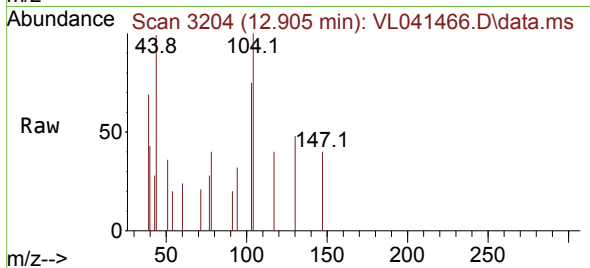
Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:104 Resp: 412
 Ion Ratio Lower Upper
 104 100
 78 0.0 40.8 61.2#
 103 0.0 38.2 57.4#



#62

Isopropylbenzene

Concen: 0.005 ppbv

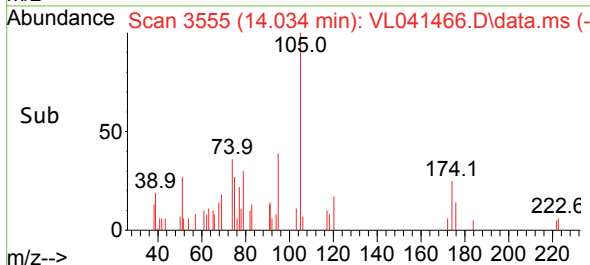
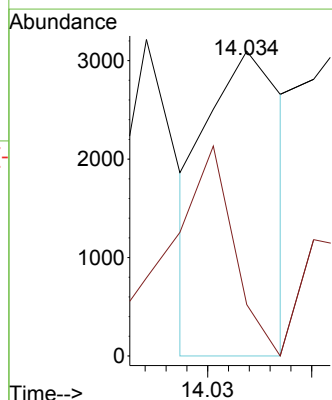
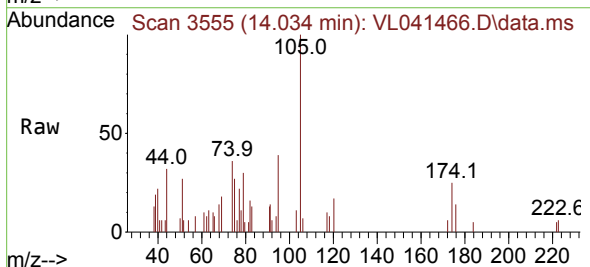
RT: 14.034 min Scan# 3555

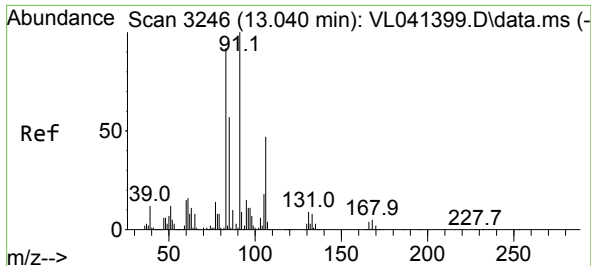
Delta R.T. -0.003 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Tgt Ion:105 Resp: 1592
 Ion Ratio Lower Upper
 105 100
 120 121.6 21.0 31.4#

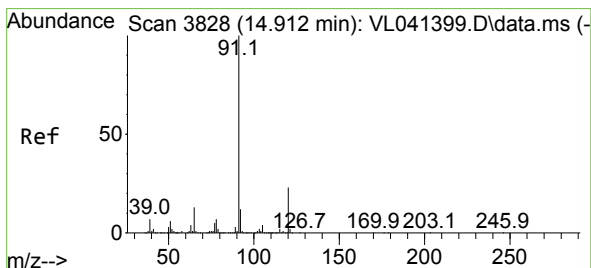
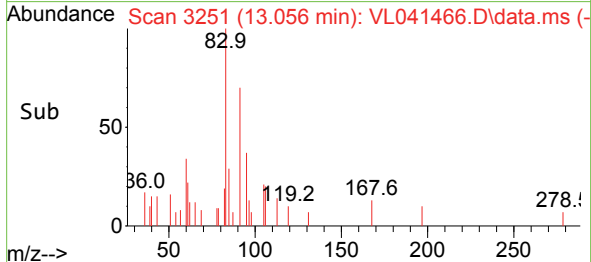
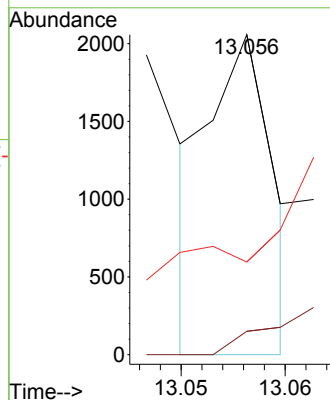
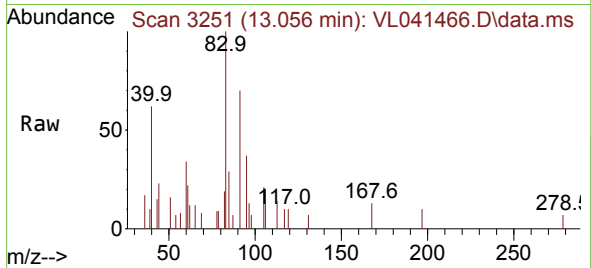




#63
1,1,2,2-Tetrachloroethane
Concen: 0.006 ppbv
RT: 13.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

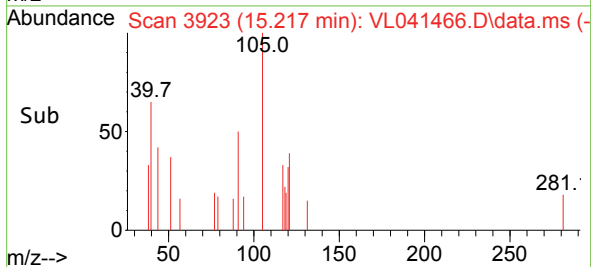
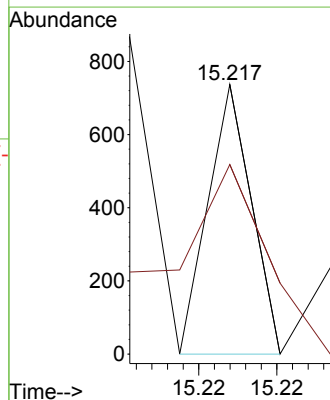
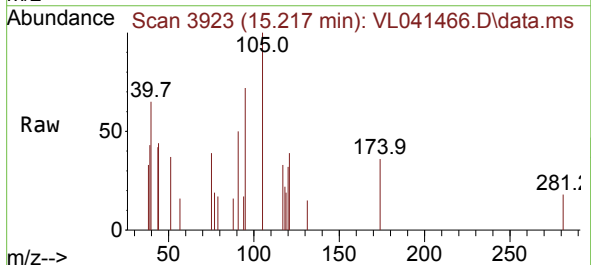
Instrument :
MSVOA_L
ClientSampleId :

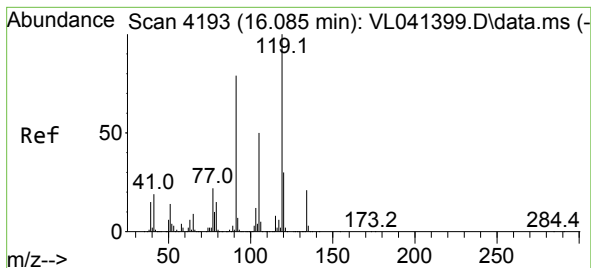
Tgt Ion: 83 Resp: 874
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 0.0 32.6 98.0#



#64
n-propylbenzene
Concen: 0.002 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. 0.296 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion: 120 Resp: 142
Ion Ratio Lower Upper
120 100
91 362.7 361.4 542.0

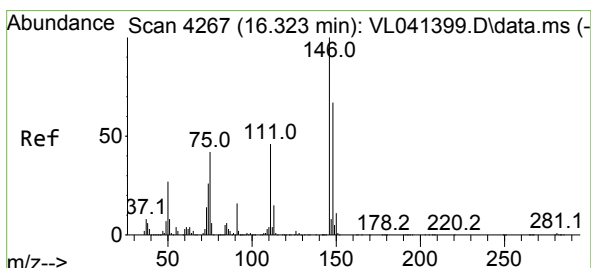
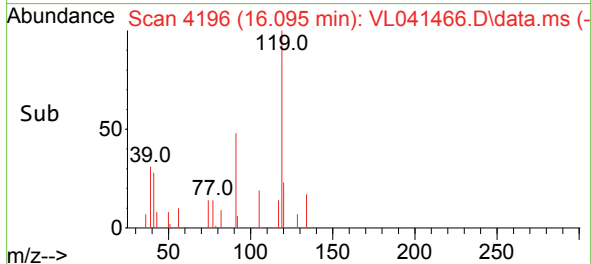
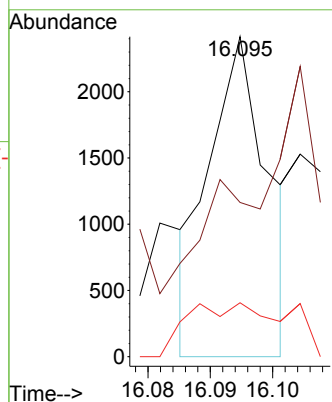
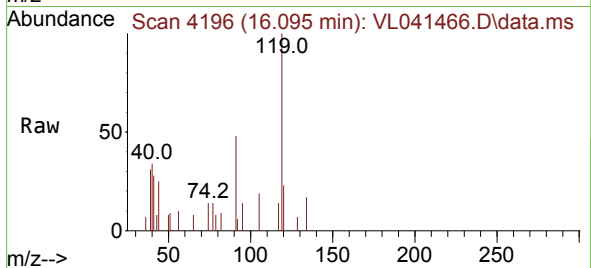




#65
tert-Butylbenzene
Concen: 0.005 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. -0.000 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

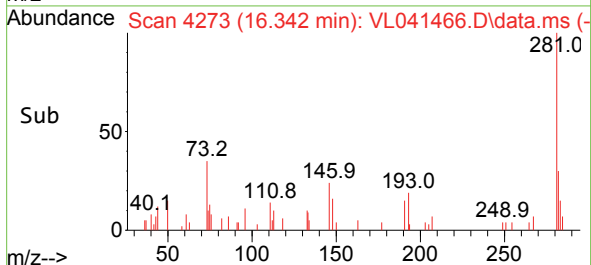
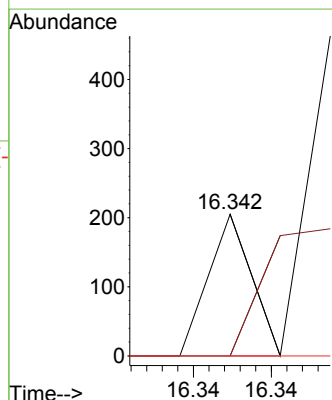
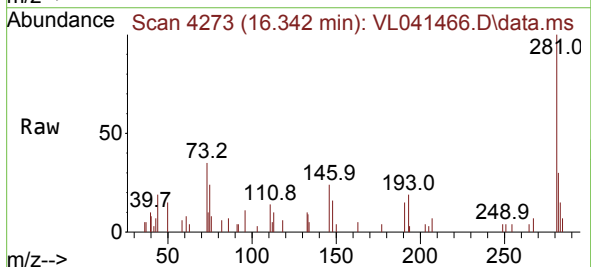
Instrument :
MSVOA_L
ClientSampleId :

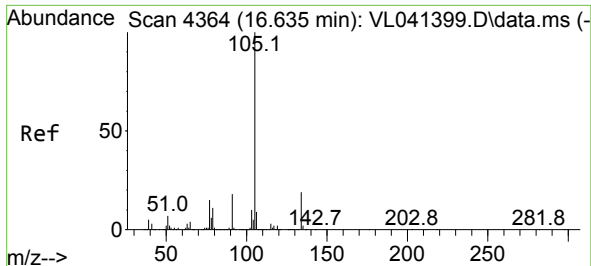
Tgt Ion:119 Resp: 1566
Ion Ratio Lower Upper
119 100
91 0.0 64.2 96.2#
134 46.4 15.7 23.5#



#66
Benzyl Chloride
Concen: 0.002 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.006 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion: 91 Resp: 40
Ion Ratio Lower Upper
91 100
126 0.0 13.8 20.8#
128 0.0 4.4 6.6#

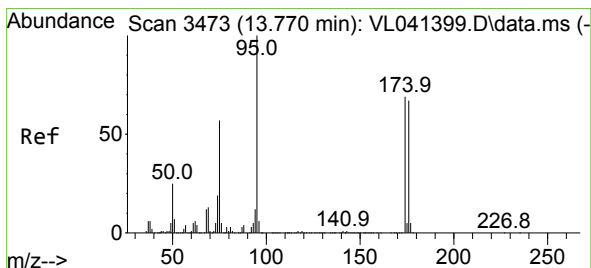
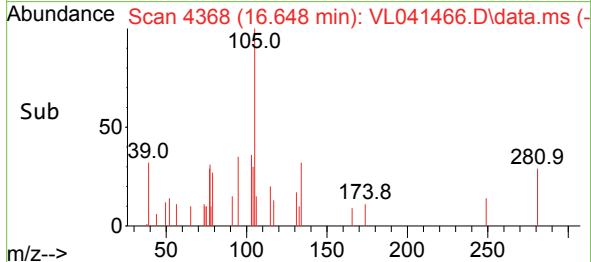
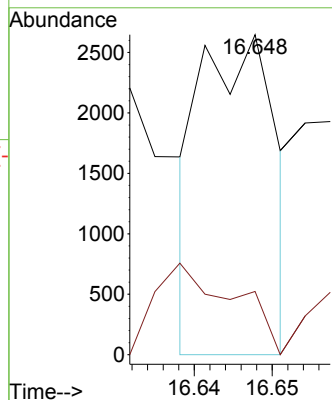
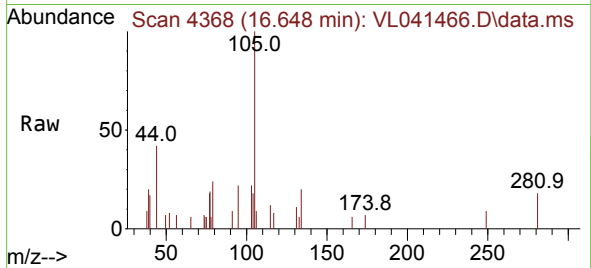




#67
 sec-Butylbenzene
 Concen: 0.004 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

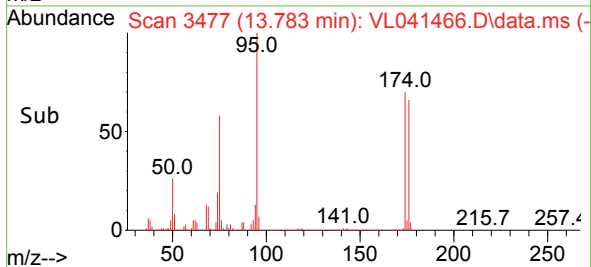
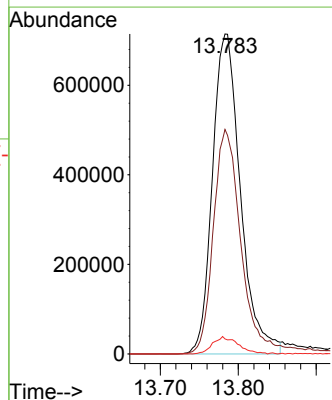
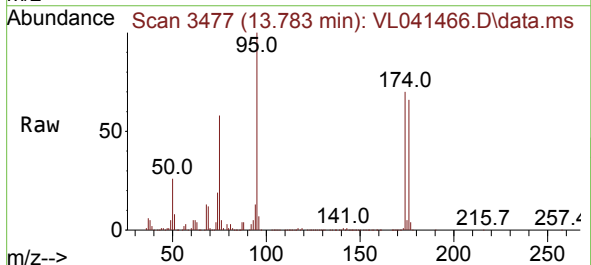
Instrument :
 MSVOA_L
 ClientSampleId :

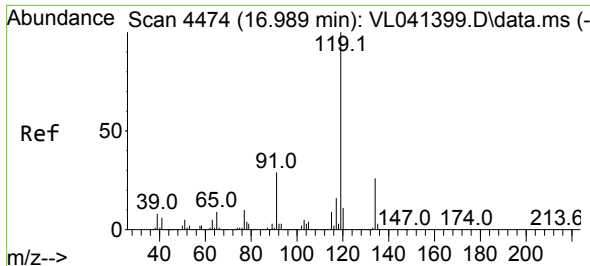
Tgt Ion:105 Resp: 1746
 Ion Ratio Lower Upper
 105 100
 134 39.7 14.5 21.7#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.106 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.000 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

Tgt Ion: 95 Resp: 1782416
 Ion Ratio Lower Upper
 95 100
 174 72.2 56.3 84.5
 175 5.2 4.0 6.0

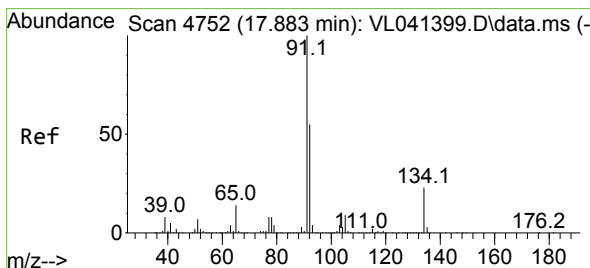
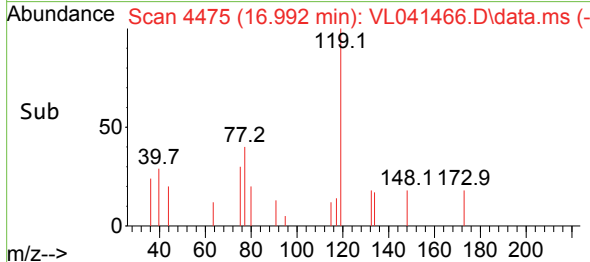
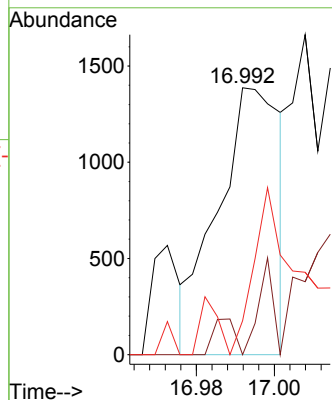
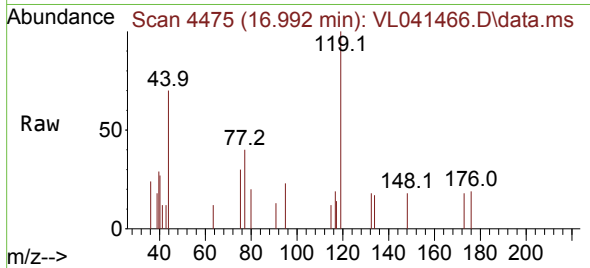




#69
 p-Isopropyltoluene
 Concen: 0.005 ppbv
 RT: 16.992 min Scan# 4475
 Delta R.T. -0.010 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

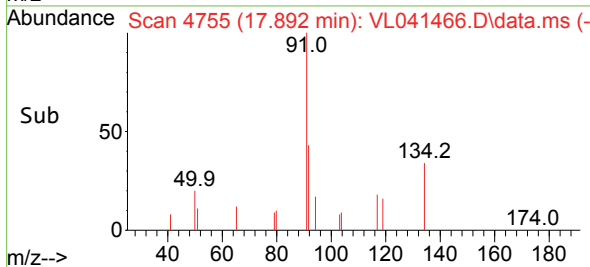
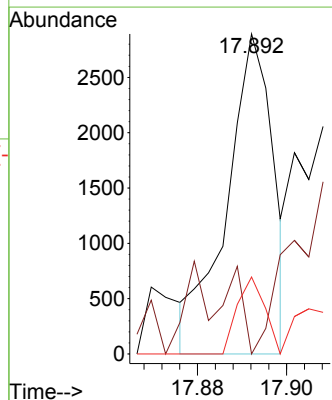
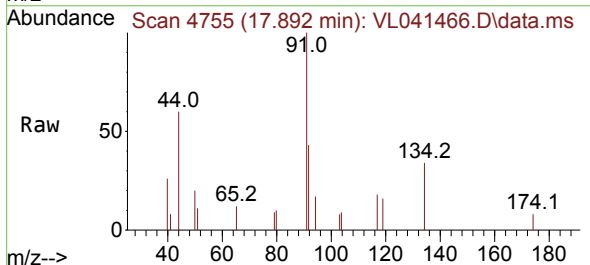
Instrument :
 MSVOA_L
 ClientSampleId :

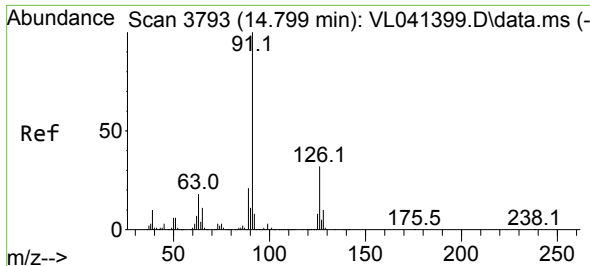
Tgt Ion:119 Resp: 1540
 Ion Ratio Lower Upper
 119 100
 134 0.0 20.5 30.7#
 91 129.7 23.2 34.8#



#70
 n-Butylbenzene
 Concen: 0.006 ppbv
 RT: 17.892 min Scan# 4755
 Delta R.T. -0.000 min
 Lab File: VL041466.D
 Acq: 31 Jul 2024 16:59

Tgt Ion: 91 Resp: 2103
 Ion Ratio Lower Upper
 91 100
 92 0.0 43.2 64.8#
 134 0.0 18.5 27.7#

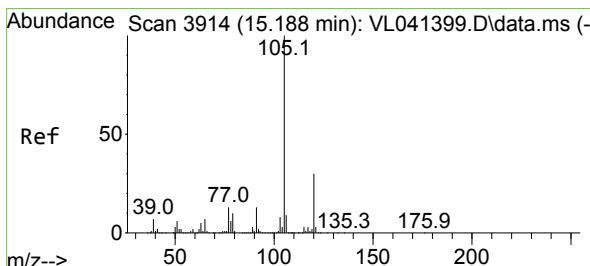
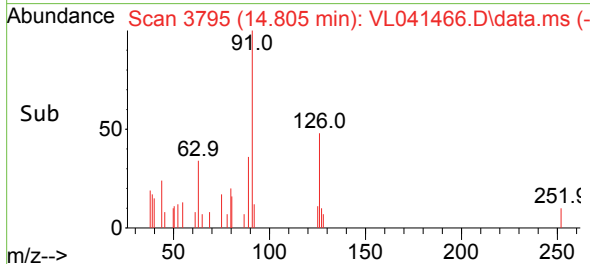
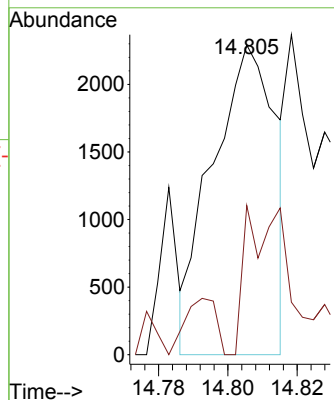
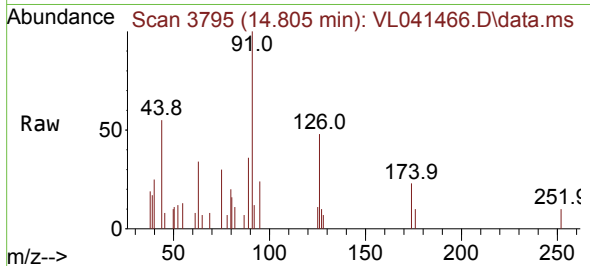




#71
2-Chlorotoluene
Concen: 0.012 ppbv
RT: 14.805 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

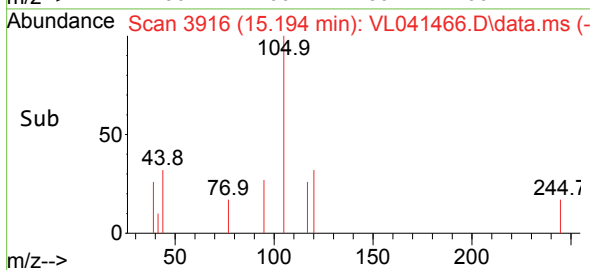
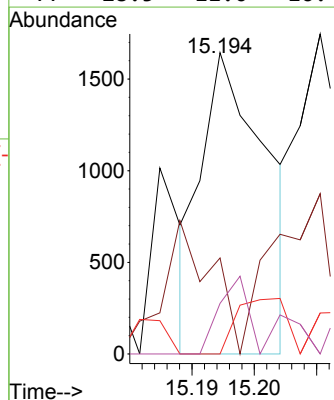
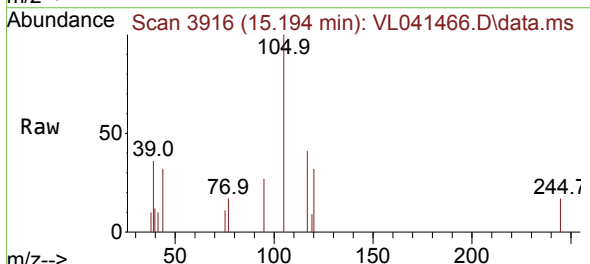
Instrument :
MSVOA_L
ClientSampleId :

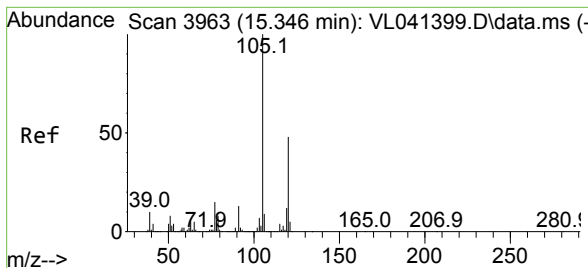
Tgt Ion: 91 Resp: 2904
Ion Ratio Lower Upper
91 100
126 55.8 12.7 50.9#



#72
4-Ethyltoluene
Concen: 0.005 ppbv
RT: 15.194 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion:105 Resp: 1175
Ion Ratio Lower Upper
105 100
120 0.0 24.2 36.2#
91 0.0 10.4 15.6#
77 28.5 11.0 16.4#

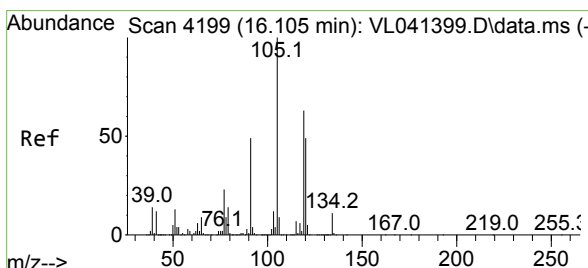
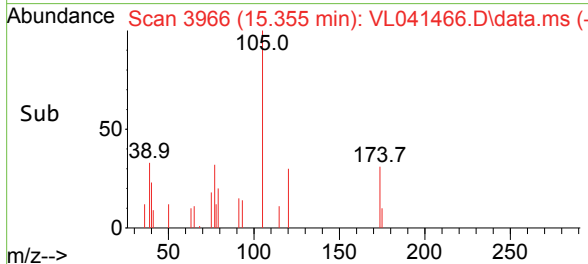
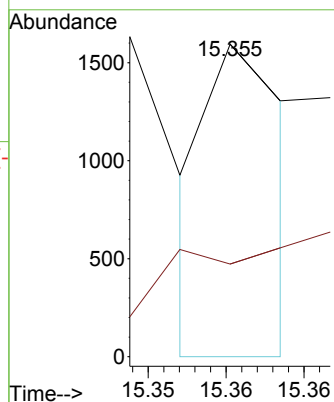
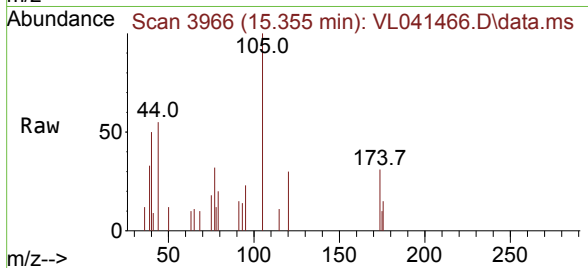




#73
1,3,5-Trimethylbenzene
Concen: 0.003 ppbv
RT: 15.355 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

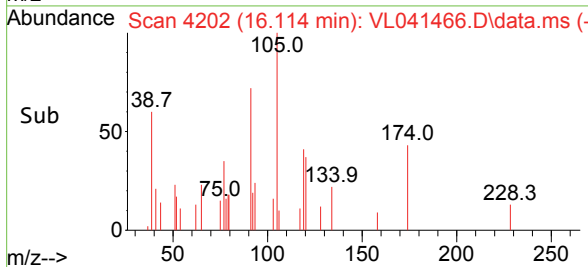
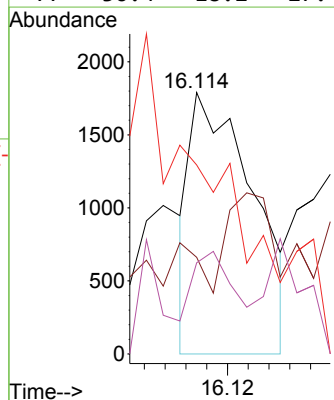
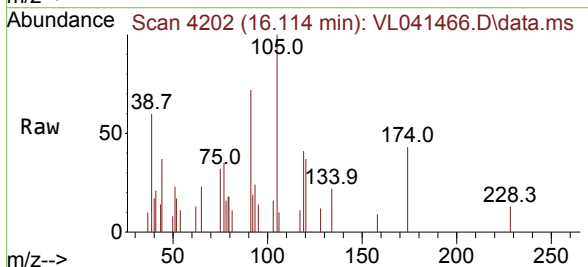
Instrument :
MSVOA_L
ClientSampleId :

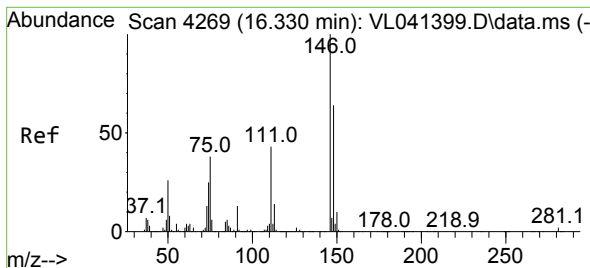
Tgt Ion:105 Resp: 560
Ion Ratio Lower Upper
105 100
120 0.0 38.6 57.8#



#74
1,2,4-Trimethylbenzene
Concen: 0.006 ppbv
RT: 16.114 min Scan# 4202
Delta R.T. -0.003 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion:105 Resp: 1499
Ion Ratio Lower Upper
105 100
120 12.3 39.5 59.3#
91 73.5 39.8 59.8#
77 36.4 18.2 27.4#





#75

1,3-Dichlorobenzene

Concen: 0.010 ppbv

RT: 16.336 min Scan# 4317

Delta R.T. -0.003 min

Lab File: VL041466.D

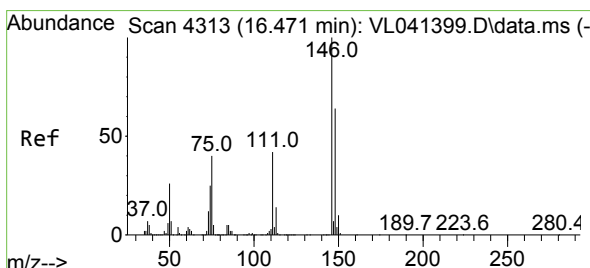
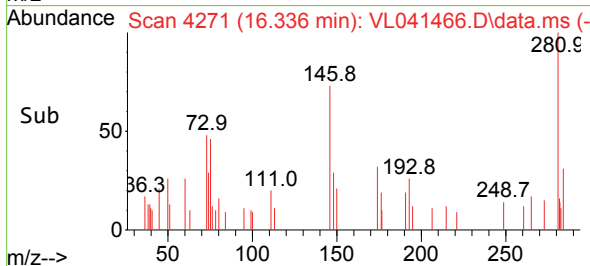
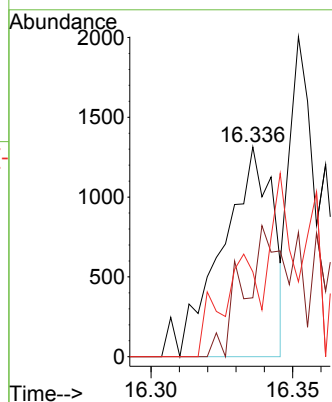
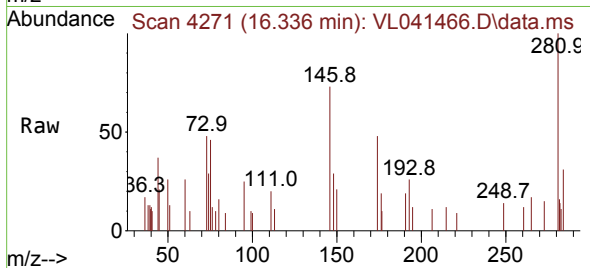
Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:146	Resp:	1614
Ion Ratio	Lower	Upper
146	100	
111	48.7	22.6 67.8
148	0.0	32.3 96.8#



#76

1,4-Dichlorobenzene

Concen: 0.013 ppbv

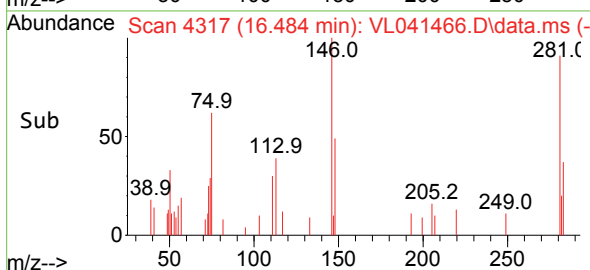
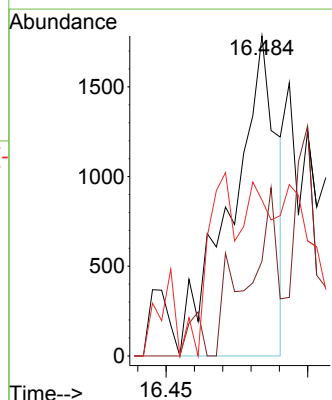
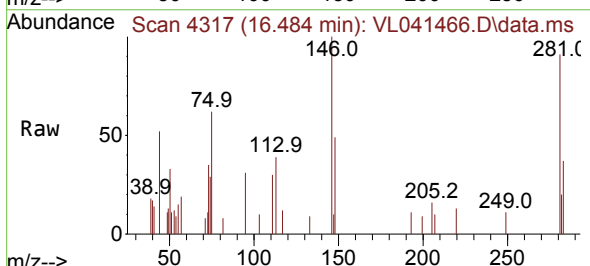
RT: 16.484 min Scan# 4317

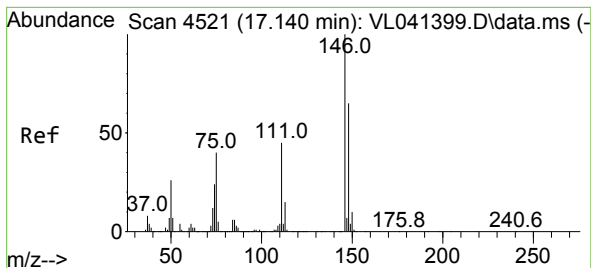
Delta R.T. 0.003 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Tgt Ion:146	Resp:	1968
Ion Ratio	Lower	Upper
146	100	
111	0.0	22.4 67.0#
148	152.4	33.1 99.5#





#77

1,2-Dichlorobenzene

Concen: 0.007 ppbv

RT: 17.153 min Scan# 4

Delta R.T. 0.003 min

Lab File: VL041466.D

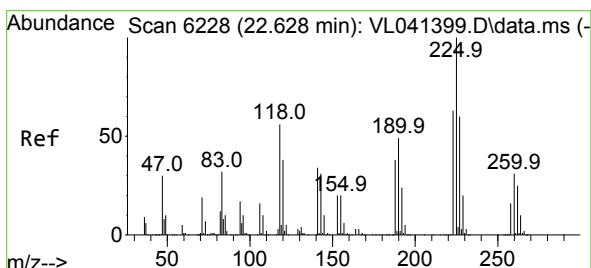
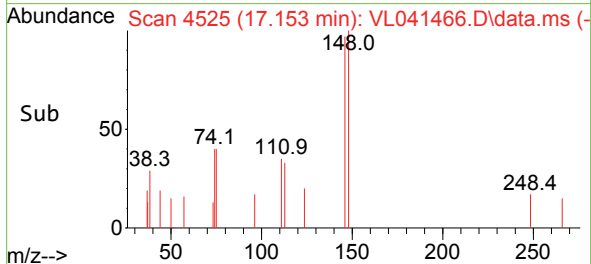
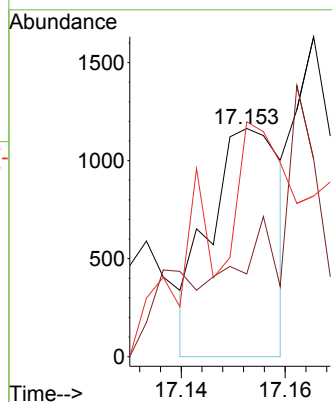
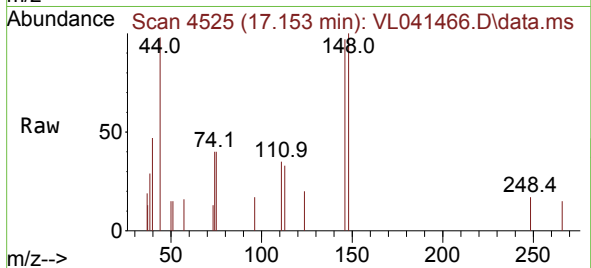
Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	146	Resp:	1087
Ion Ratio	Lower	Upper	
146	100		
111	0.0	23.4	70.0#
148	249.9	32.2	96.6#



#78

Hexachloro-1,3-Butadiene

Concen: 0.008 ppbv

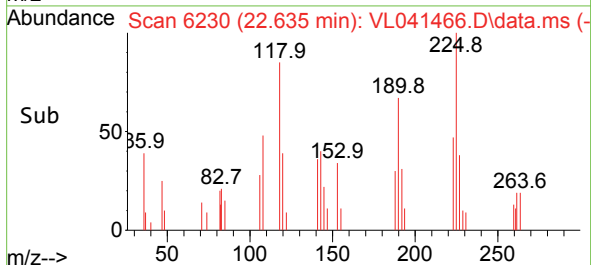
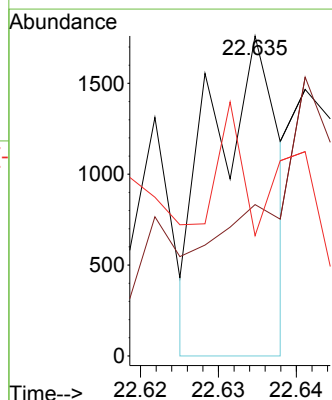
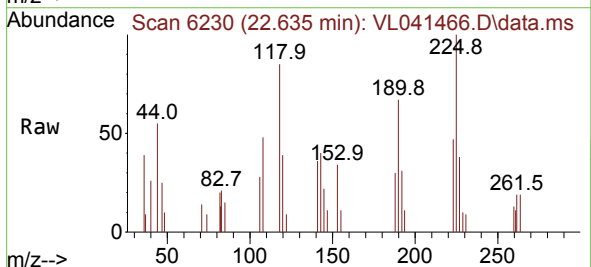
RT: 22.635 min Scan# 6230

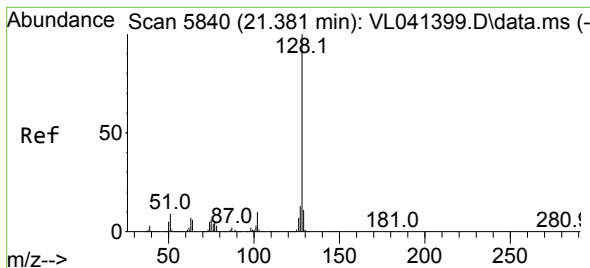
Delta R.T. -0.003 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Tgt Ion:	225	Resp:	1056
Ion Ratio	Lower	Upper	
225	100		
223	0.0	50.6	76.0#
227	0.0	50.8	76.2#





#79

Naphthalene

Concen: 0.001 ppbv

RT: 21.394 min Scan# 51

Delta R.T. 0.003 min

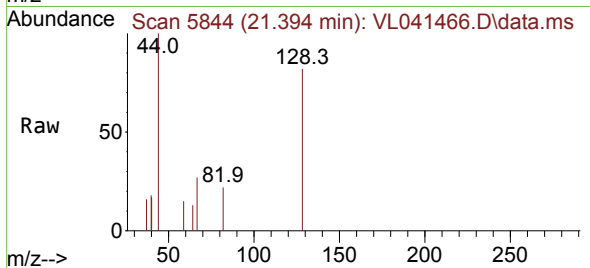
Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

ClientSampleId :



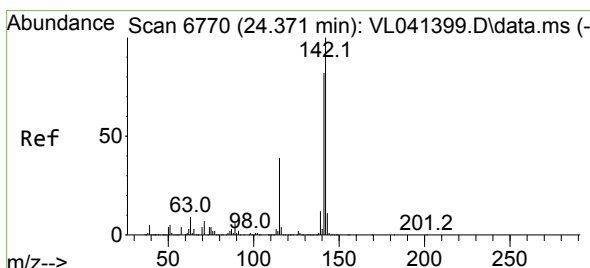
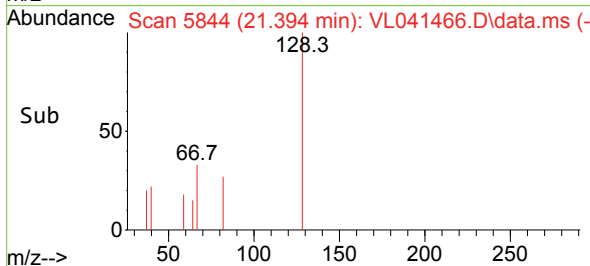
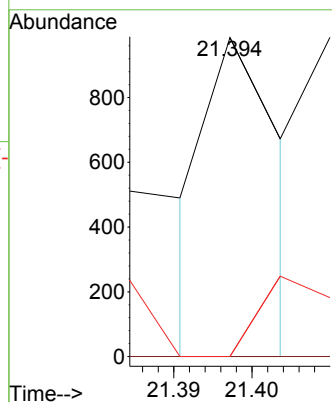
Tgt Ion:128 Resp: 319

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 9.0 13.4#



#80

Naphthalene,2-methyl-

Concen: 0.000 ppbv

RT: 24.426 min Scan# 6787

Delta R.T. 0.048 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

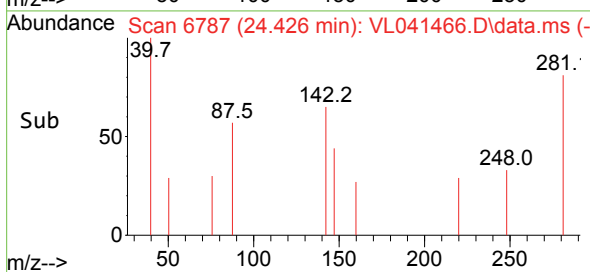
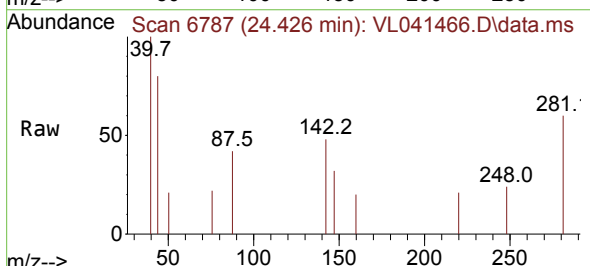
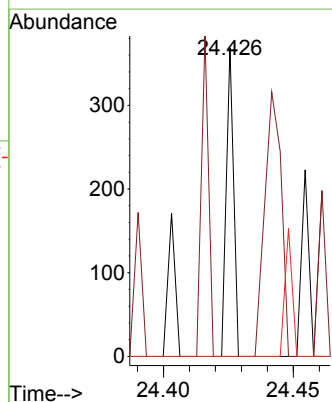
Tgt Ion:142 Resp: 71

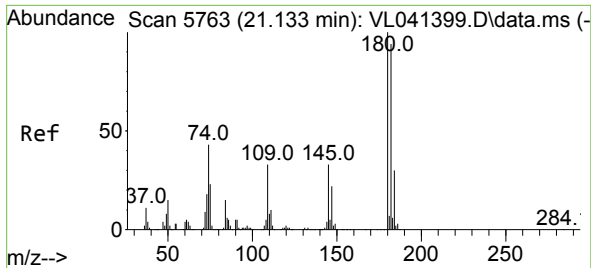
Ion Ratio Lower Upper

142 100

141 104.2 67.0 100.4#

115 0.0 32.2 48.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.005 ppbv

RT: 21.146 min Scan# 51

Delta R.T. -0.000 min

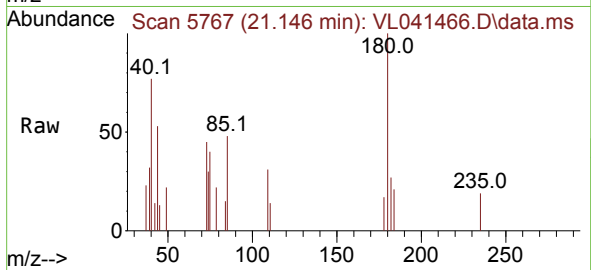
Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 719

Ion Ratio Lower Upper

180 100

182 0.0 76.7 115.1#

184 0.0 24.5 36.7#

