

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041465.D
 Acq On : 31 Jul 2024 16:17
 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 03:56:44 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	5.198	49	954452	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2593990	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2380271	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1849635	10.098	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.738	85	6093	0.037	ppbv	94
3) Chlorodifluoromethane	2.687	51	4099	0.036	ppbv	99
4) Chloromethane	2.816	50	883	0.015	ppbv #	80
5) Vinyl Chloride	2.931	62	1601	0.027	ppbv #	71
6) Bromomethane	3.121	94	199	0.007	ppbv #	4
7) Chloroethane	3.198	64	274	0.013	ppbv #	44
8) Dichlorotetrafluoroethane	2.867	85	4692	0.032	ppbv	97
9) Propene	2.700	41	5794	0.111	ppbv	99
10) Heptane	7.590	43	766	0.007	ppbv #	1
11) Trichlorofluoromethane	3.574	101	4989	0.034	ppbv	86
12) 1,1,2-Trichlorotrifluo...	4.069	101	1733	0.017	ppbv #	12
13) Ethanol	3.256	45	155	0.033	ppbv #	41
14) Bromoethene	3.372	108	479	0.012	ppbv #	1
15) Acetone	3.500	43	9032	0.083	ppbv #	35
16) 1,3-Butadiene	2.992	39	1742	0.030	ppbv #	60
17) tert-Butyl alcohol	3.918	59	2675	0.027	ppbv	96
18) 1,1-Dichloroethene	3.883	96	784	0.017	ppbv #	71
19) Isopropyl Alcohol	3.578	45	73	0.001	ppbv #	1
20) Methylene Chloride	3.941	84	6279	0.155	ppbv #	91
21) Allyl Chloride	4.002	41	843	0.012	ppbv #	19
22) trans-1,2-Dichloroethene	4.446	96	297	0.007	ppbv #	39
23) Vinyl Acetate	4.626	43	274	0.003	ppbv #	1
24) 1,1-Dichloroethane	4.571	63	2148	0.022	ppbv #	90
25) Ethyl Acetate	5.208	43	635	0.003	ppbv #	74
26) Hexane	5.214	57	1680	0.019	ppbv #	1
27) Carbon Disulfide	4.127	76	905	0.009	ppbv #	1
28) Methyl tert-Butyl Ether	4.606	73	677	0.012	ppbv #	52
29) Chloroform	5.275	83	4815	0.033	ppbv #	43
30) Cyclohexane	6.613	84	439	0.006	ppbv #	1
31) cis-1,2-Dichloroethene	5.102	61	394	0.004	ppbv	92
32) 1,1,1-Trichloroethane	6.008	97	1865	0.013	ppbv #	17
34) 2-Butanone	4.780	43	55	0.000	ppbv #	54
35) Carbon Tetrachloride	6.497	117	2130	0.015	ppbv #	51
36) Benzene	6.378	78	1374	0.007	ppbv #	43
37) 1,2-Dichloroethane	5.815	62	790	0.007	ppbv #	82
38) Trichloroethene	7.301	130	1562	0.018	ppbv #	72
39) 1,2-Dichloropropane	6.658	63	648871	8.942	ppbv #	24
40) 1,4-Dioxane	7.275	88	84	0.003	ppbv #	1
41) Tetrahydrofuran	5.587	42	121	0.002	ppbv #	37
42) Bromodichloromethane	7.262	83	1146	0.007	ppbv #	38
43) Methyl Methacrylate	7.491	69	916	0.013	ppbv #	1
44) 2,2,4-Trimethylpentane	7.336	57	2485	0.008	ppbv #	1
45) t-1,3-Dichloropropene	8.712	75	339	0.005	ppbv #	42

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

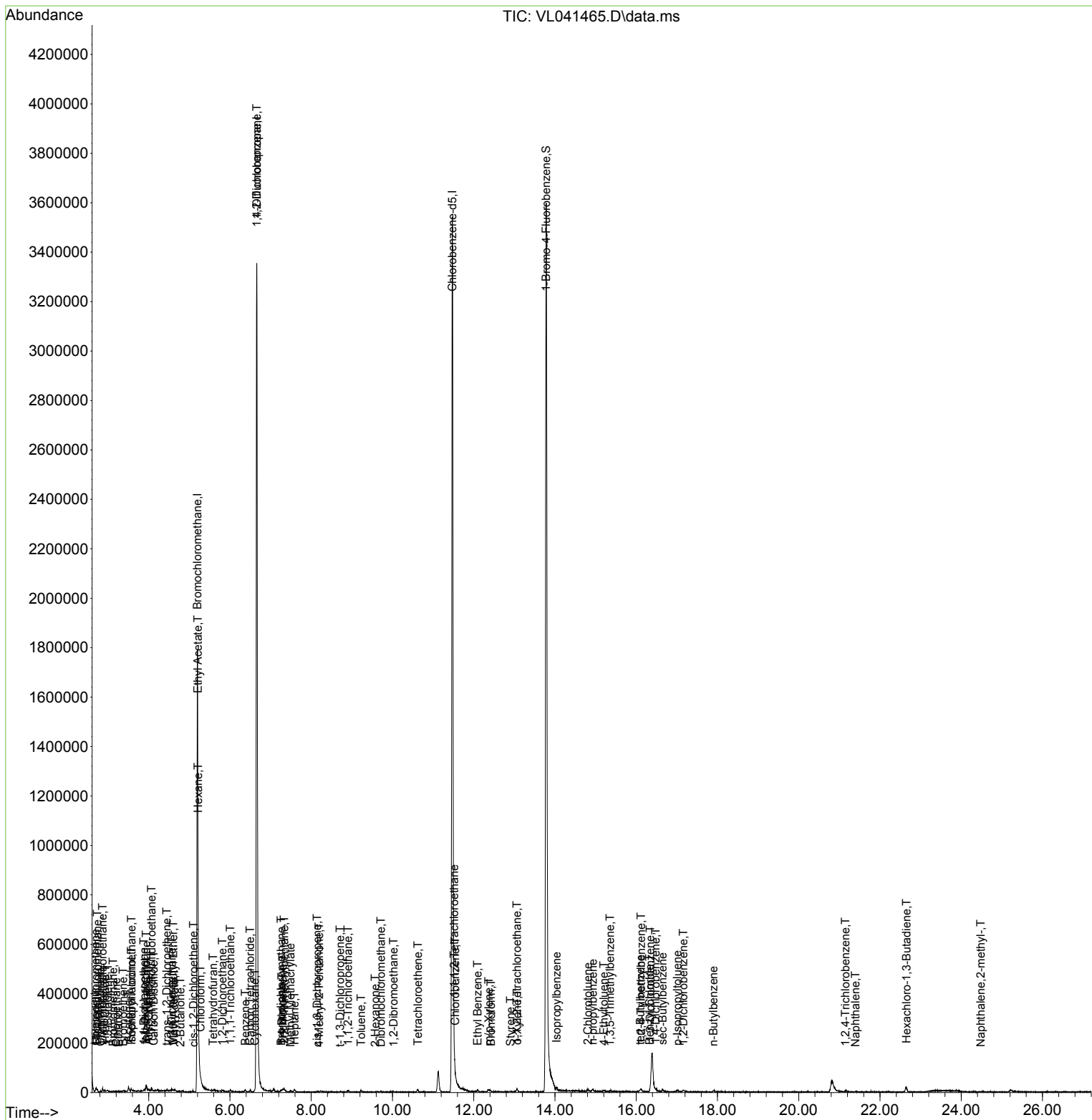
Instrument :
 MSVOA_L
 ClientSampleId :

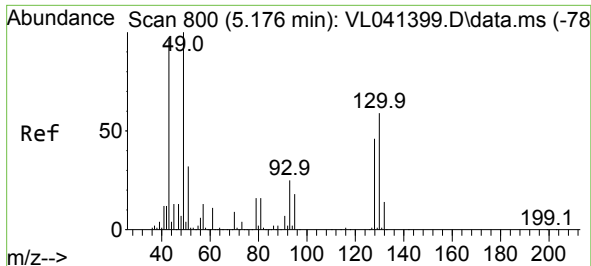
Quant Time: Aug 01 03:56:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.150	75	601	0.007	ppbv	#	53
47) 1,1,2-Trichloroethane	8.902	97	1063	0.013	ppbv	#	26
48) Dibromochloromethane	9.719	129	483	0.004	ppbv	#	1
49) Bromoform	12.426	173	643	0.006	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.195	43	31	0.000	ppbv	#	1
51) 2-Hexanone	9.577	43	129	0.001	ppbv	#	30
52) Tetrachloroethene	10.629	164	648	0.009	ppbv	#	69
53) Toluene	9.230	91	1524	0.007	ppbv	#	20
54) 1,2-Dibromoethane	10.024	107	615	0.006	ppbv	#	22
56) 1,1,1,2-Tetrachloroethane	11.519	131	1504	0.016	ppbv	#	1
57) Chlorobenzene	11.542	112	2000	0.012	ppbv	#	35
58) Ethyl Benzene	12.095	91	3410	0.012	ppbv		94
59) m/p-Xylene	12.375	91	804	0.003	ppbv	#	31
60) o-Xylene	13.072	91	440	0.002	ppbv	#	30
61) Styrene	12.905	104	1041	0.010	ppbv	#	43
62) Isopropylbenzene	14.040	105	2088	0.006	ppbv	#	49
63) 1,1,2,2-Tetrachloroethane	13.063	83	1057	0.007	ppbv	#	1
64) n-propylbenzene	14.931	120	353	0.004	ppbv	#	1
65) tert-Butylbenzene	16.101	119	961	0.003	ppbv	#	19
66) Benzyl Chloride	16.329	91	120	0.006	ppbv	#	66
67) sec-Butylbenzene	16.651	105	2766	0.007	ppbv	#	74
69) p-Isopropyltoluene	17.011	119	959	0.003	ppbv	#	47
70) n-Butylbenzene	17.902	91	2142	0.006	ppbv	#	33
71) 2-Chlorotoluene	14.809	91	2331	0.009	ppbv	#	43
72) 4-Ethyltoluene	15.204	105	968	0.004	ppbv	#	1
73) 1,3,5-Trimethylbenzene	15.358	105	1512	0.007	ppbv		94
74) 1,2,4-Trimethylbenzene	16.120	105	698	0.003	ppbv	#	36
75) 1,3-Dichlorobenzene	16.342	146	1144	0.007	ppbv	#	23
76) 1,4-Dichlorobenzene	16.481	146	1075	0.007	ppbv	#	1
77) 1,2-Dichlorobenzene	17.159	146	1104	0.007	ppbv	#	23
78) Hexachloro-1,3-Butadiene	22.651	225	1969	0.014	ppbv	#	7
79) Naphthalene	21.400	128	823	0.004	ppbv	#	69
80) Naphthalene,2-methyl-	24.477	142	456	0.002	ppbv	#	50
81) 1,2,4-Trichlorobenzene	21.149	180	761	0.005	ppbv	#	1

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

Quant Time: Aug 01 03:56:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
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QLast Update : Thu Aug 01 02:36:30 2024
Response via : Initial Calibration

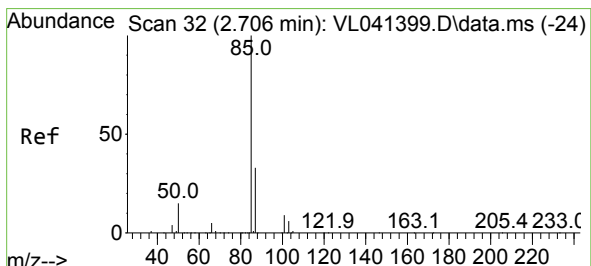
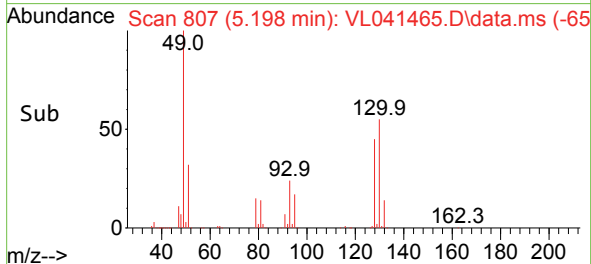
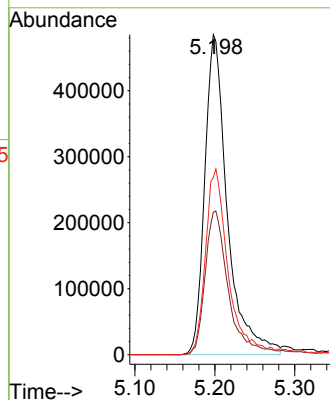
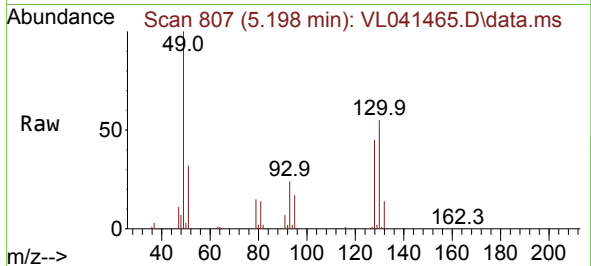




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

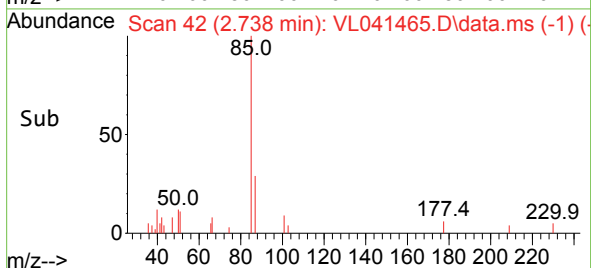
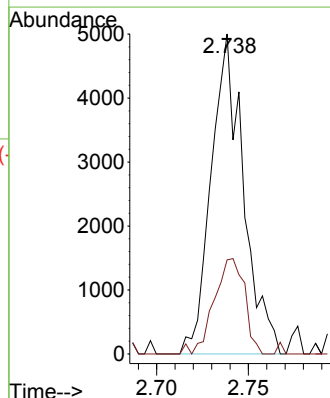
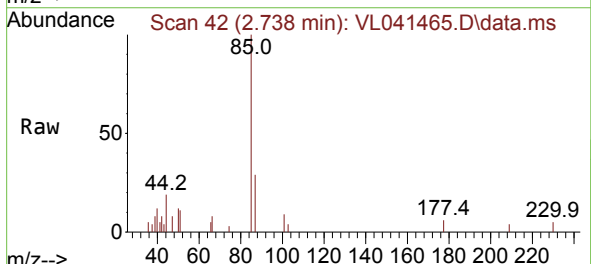
Instrument :
MSVOA_L
ClientSampleId :

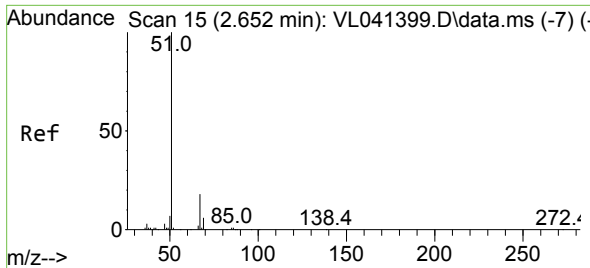
Tgt Ion: 49 Resp: 954452
Ion Ratio Lower Upper
49 100
128 48.0 23.8 71.4
130 60.1 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 0.037 ppbv
RT: 2.738 min Scan# 42
Delta R.T. 0.010 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

Tgt Ion: 85 Resp: 6093
Ion Ratio Lower Upper
85 100
87 29.4 26.0 39.0

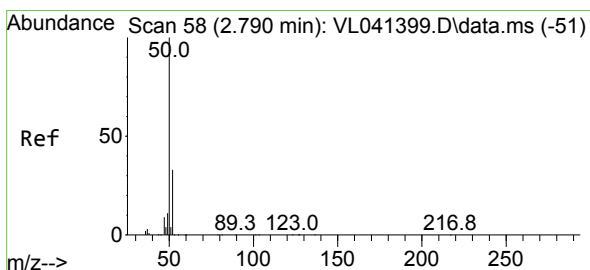
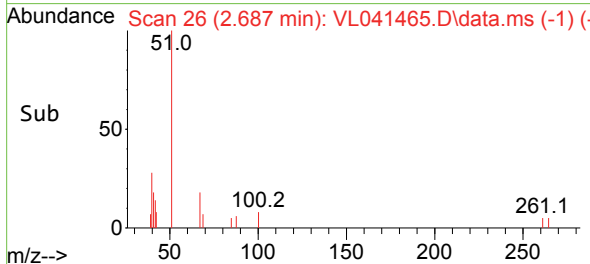
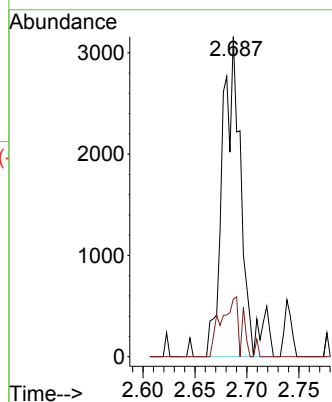
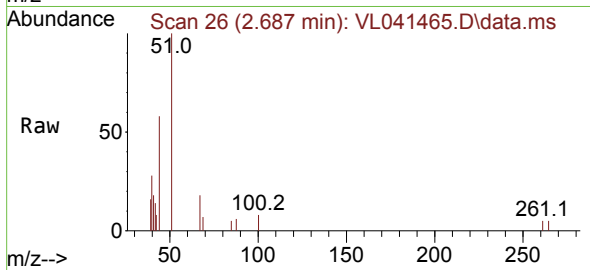




#3
Chlorodifluoromethane
Concen: 0.036 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

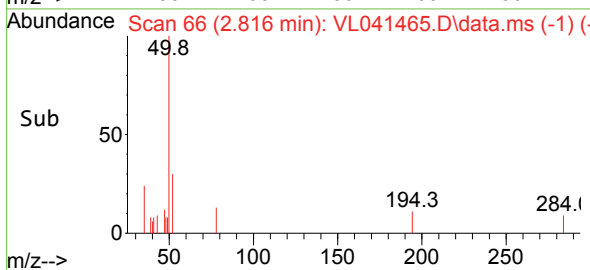
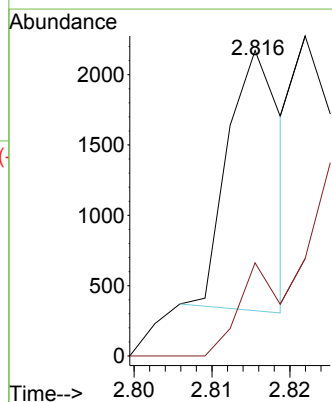
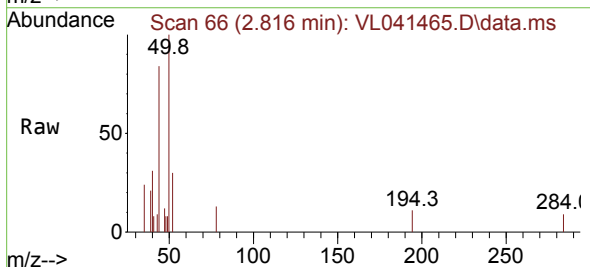
Instrument :
MSVOA_L
ClientSampleId :

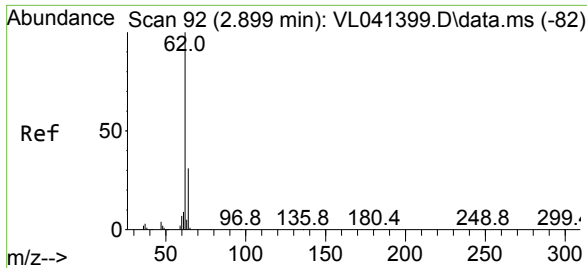
Tgt Ion: 51 Resp: 4099
Ion Ratio Lower Upper
51 100
67 18.7 14.5 21.7



#4
Chloromethane
Concen: 0.015 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.003 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

Tgt Ion: 50 Resp: 883
Ion Ratio Lower Upper
50 100
52 43.8 26.1 39.1#

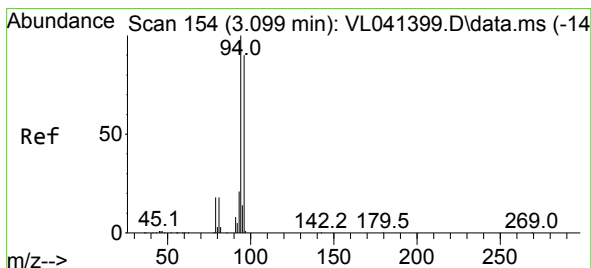
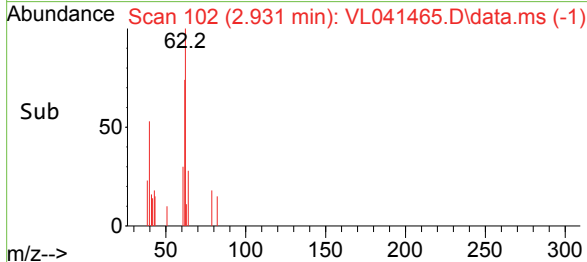
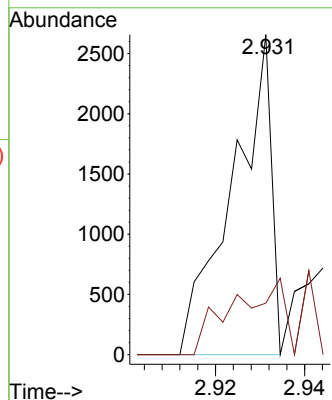
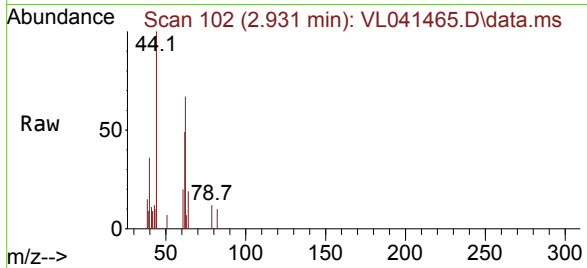




#5
 Vinyl Chloride
 Concen: 0.027 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. 0.010 min
 Lab File: VL041465.D
 Acq: 31 Jul 2024 16:17

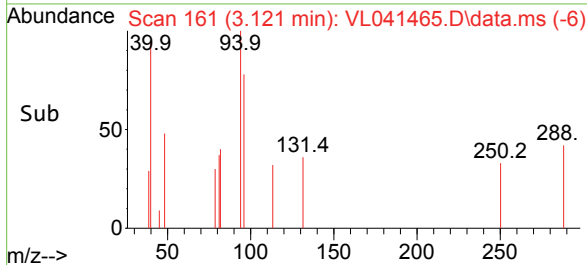
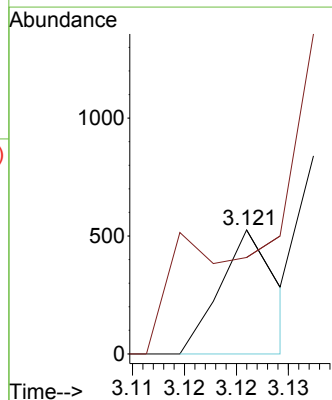
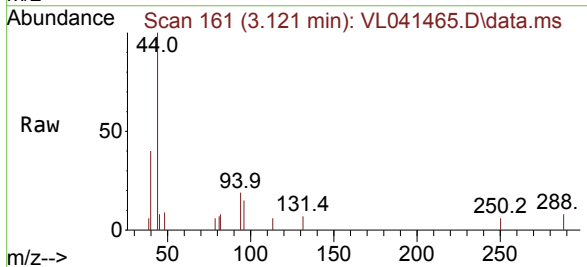
Instrument :
 MSVOA_L
 ClientSampleId :

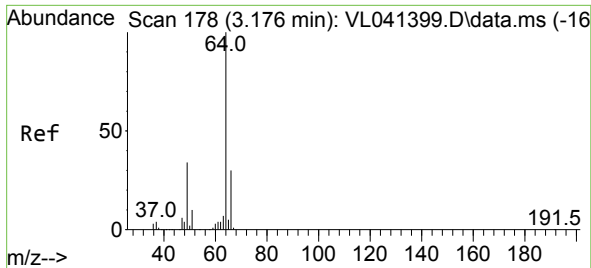
Tgt Ion: 62 Resp: 1601
 Ion Ratio Lower Upper
 62 100
 64 15.1 25.0 37.4#



#6
 Bromomethane
 Concen: 0.007 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VL041465.D
 Acq: 31 Jul 2024 16:17

Tgt Ion: 94 Resp: 199
 Ion Ratio Lower Upper
 94 100
 96 0.0 72.3 108.5#

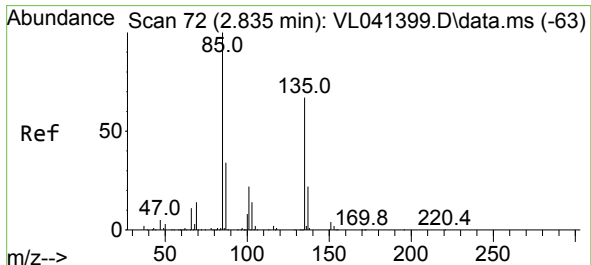
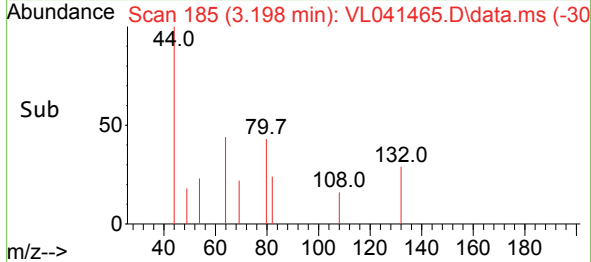
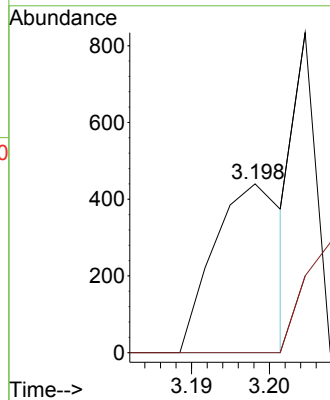
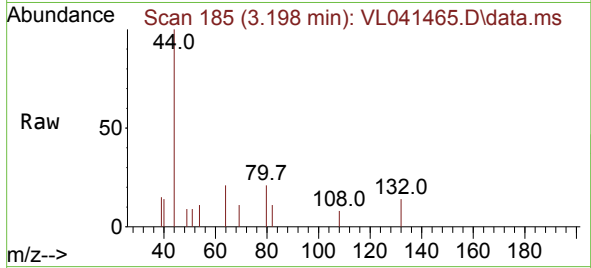




#7
Chloroethane
Concen: 0.013 ppbv
RT: 3.198 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

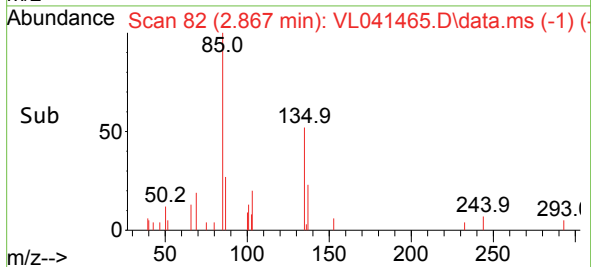
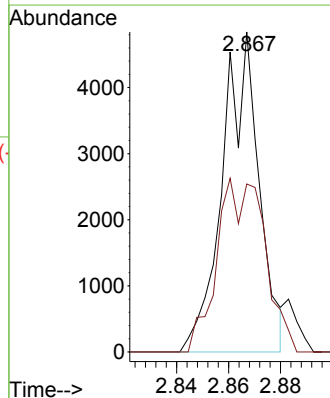
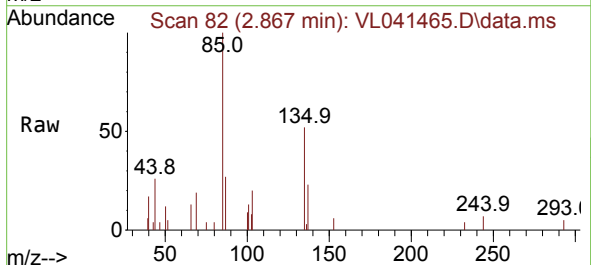
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ClientSampleId :

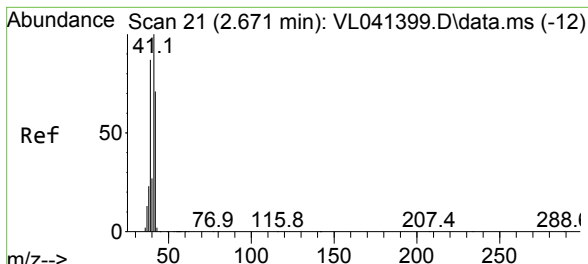
Tgt Ion: 64 Resp: 274
Ion Ratio Lower Upper
64 100
66 0.0 24.2 36.2#



#8
Dichlorotetrafluoroethane
Concen: 0.032 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.010 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

Tgt Ion: 85 Resp: 4692
Ion Ratio Lower Upper
85 100
135 71.3 55.4 83.0

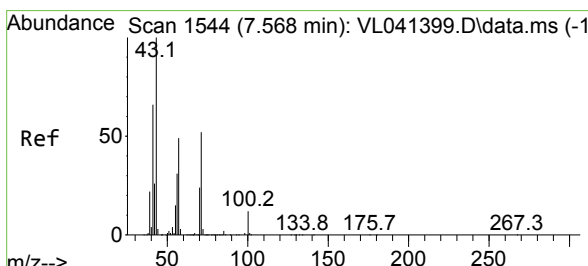
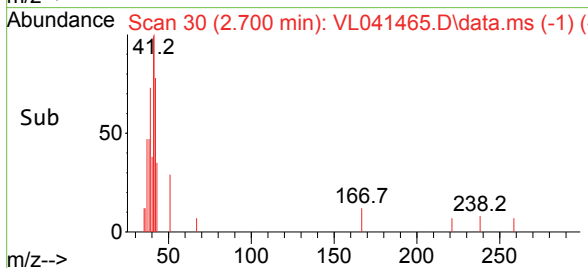
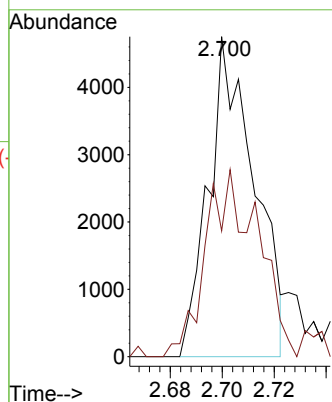
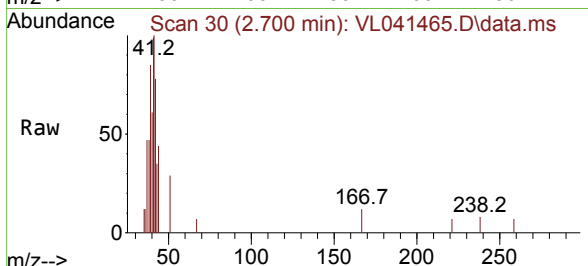




#9
 Propene
 Concen: 0.111 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VL041465.D
 Acq: 31 Jul 2024 16:17

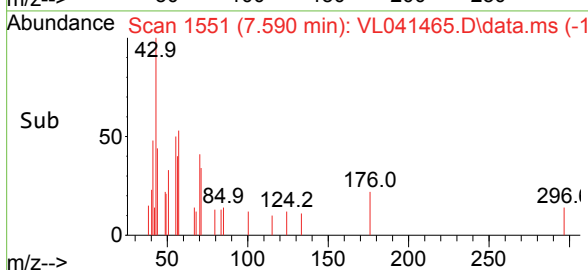
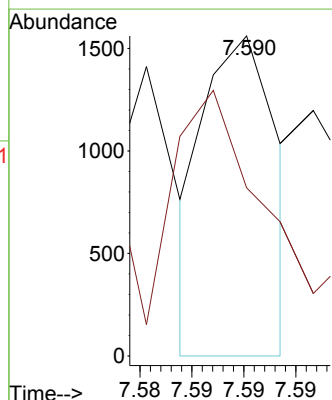
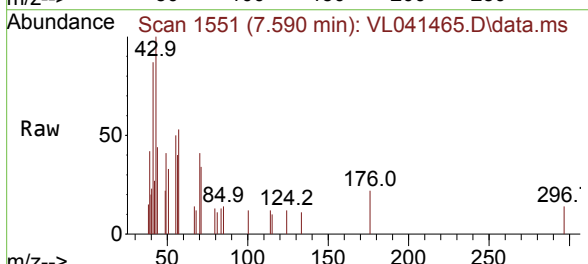
Instrument :
 MSVOA_L
 ClientSampleId :

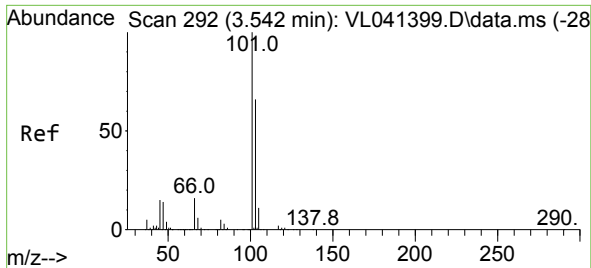
Tgt Ion: 41 Resp: 5794
 Ion Ratio Lower Upper
 41 100
 42 71.0 55.9 83.9



#10
 Heptane
 Concen: 0.007 ppbv
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.006 min
 Lab File: VL041465.D
 Acq: 31 Jul 2024 16:17

Tgt Ion: 43 Resp: 766
 Ion Ratio Lower Upper
 43 100
 57 280.3 40.5 60.7#

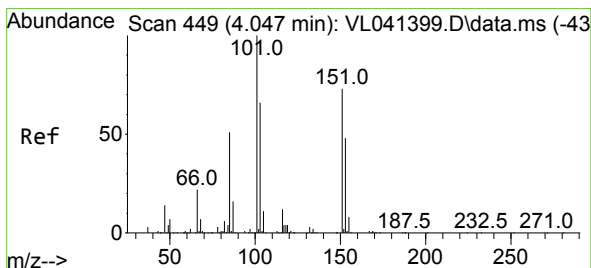
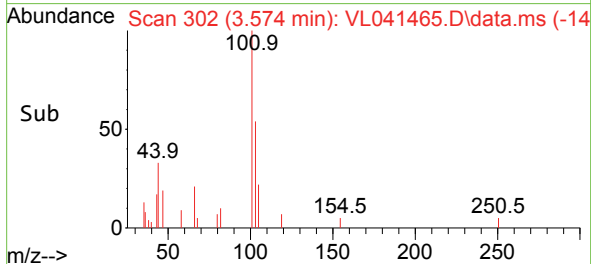
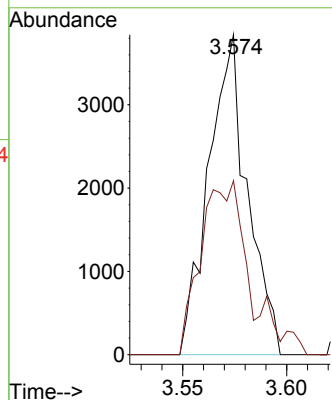
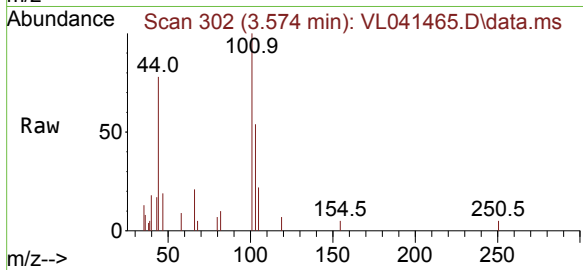




#11
 Trichlorofluoromethane
 Concen: 0.034 ppbv
 RT: 3.574 min Scan# 302
 Delta R.T. 0.010 min
 Lab File: VL041465.D
 Acq: 31 Jul 2024 16:17

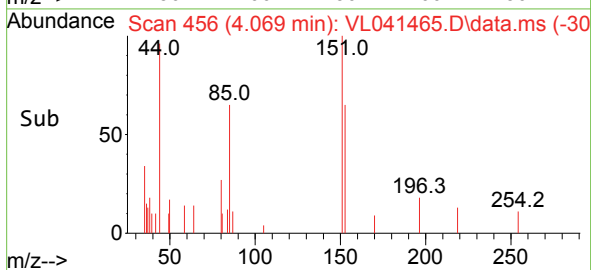
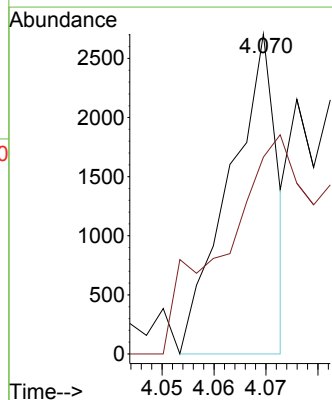
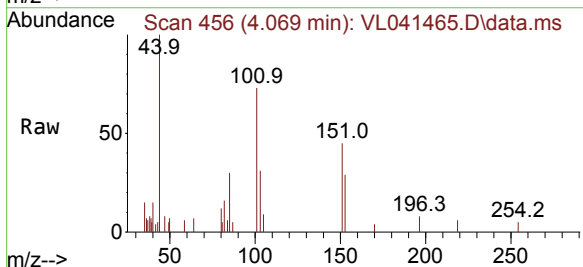
Instrument :
 MSVOA_L
 ClientSampleId :

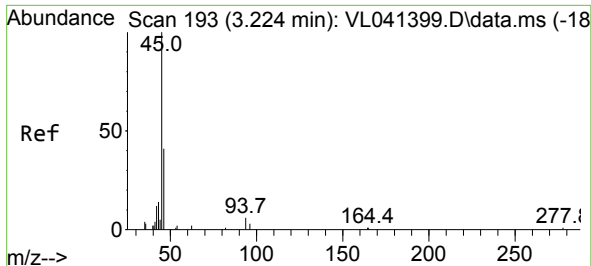
Tgt Ion:101 Resp: 4989
 Ion Ratio Lower Upper
 101 100
 103 54.3 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.017 ppbv
 RT: 4.069 min Scan# 456
 Delta R.T. 0.003 min
 Lab File: VL041465.D
 Acq: 31 Jul 2024 16:17

Tgt Ion:101 Resp: 1733
 Ion Ratio Lower Upper
 101 100
 151 0.0 59.4 89.2#

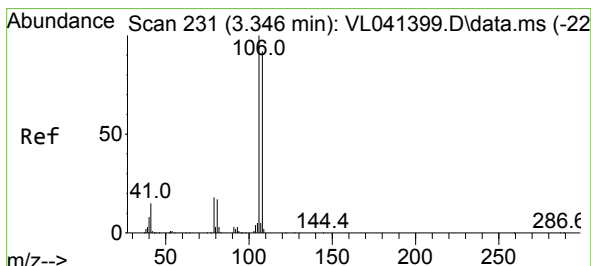
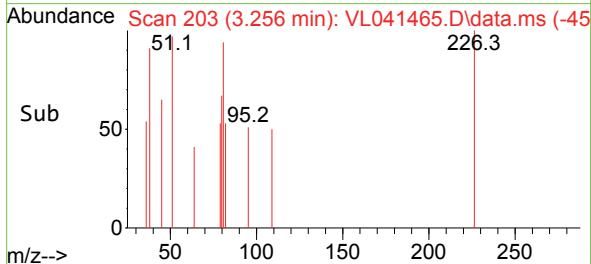
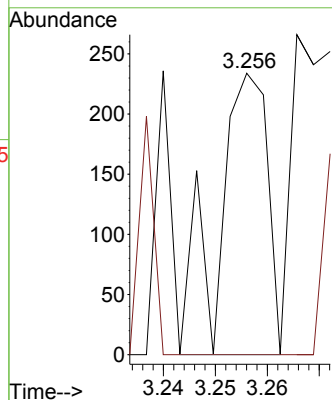
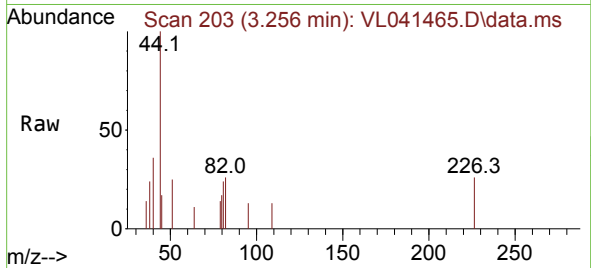




#13
Ethanol
Concen: 0.033 ppbv
RT: 3.256 min Scan# 203
Delta R.T. 0.010 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

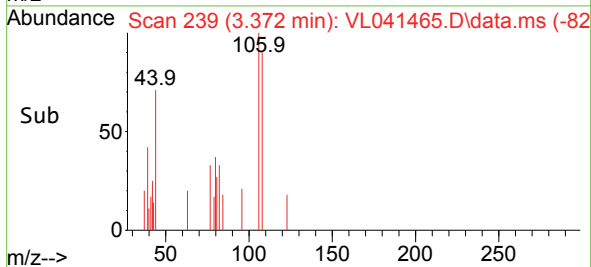
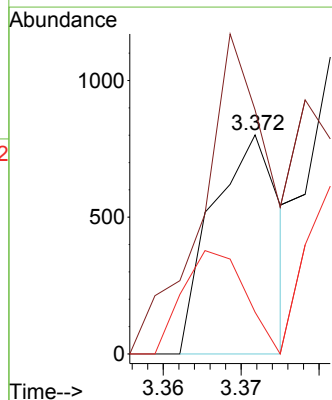
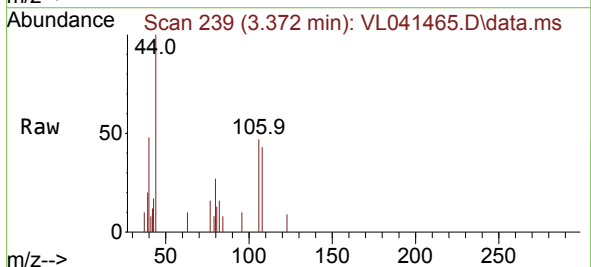
Instrument :
MSVOA_L
ClientSampleId :

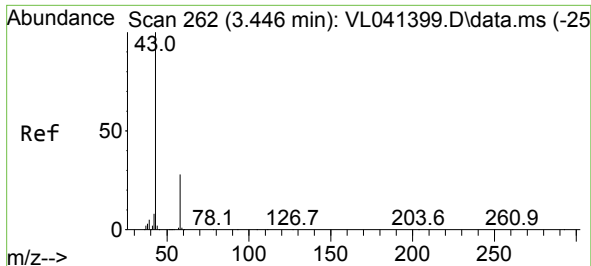
Tgt Ion: 45 Resp: 155
Ion Ratio Lower Upper
45 100
46 0.0 13.4 53.4#



#14
Bromoethene
Concen: 0.012 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.006 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

Tgt Ion:108 Resp: 479
Ion Ratio Lower Upper
108 100
106 310.6 86.9 130.3#
79 69.3 16.2 24.4#

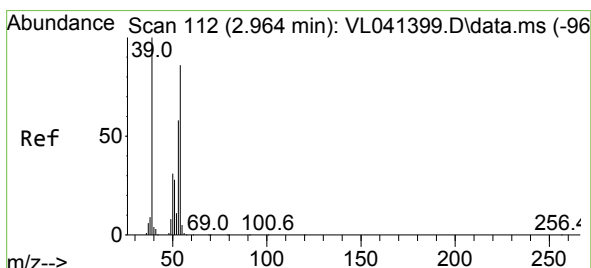
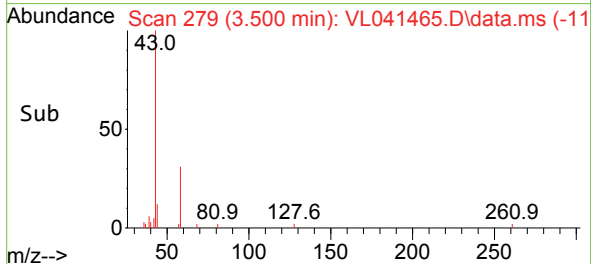
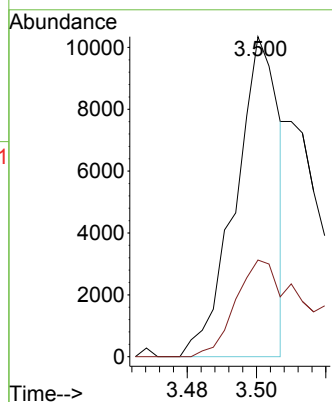
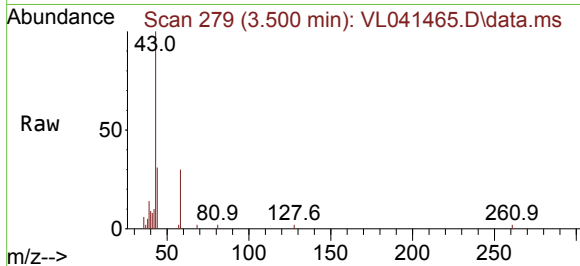




#15
Acetone
Concen: 0.083 ppbv
RT: 3.500 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

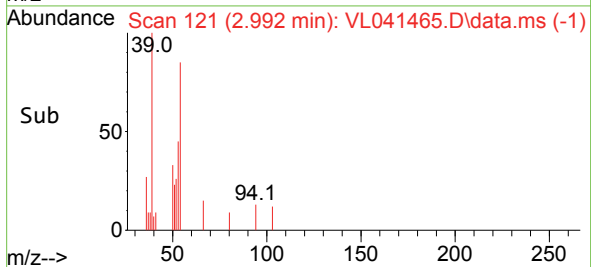
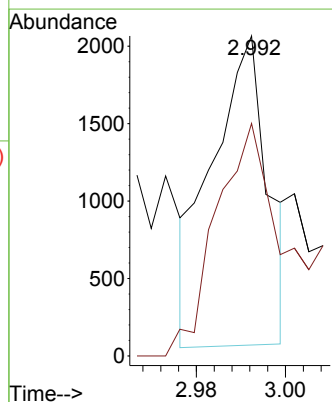
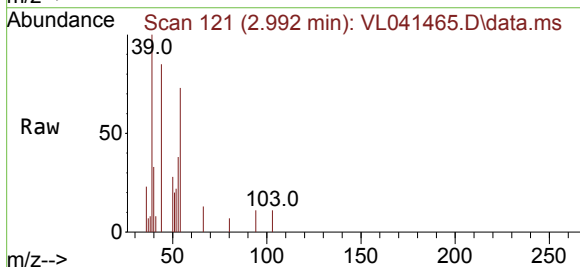
Instrument :
MSVOA_L
ClientSampleId :

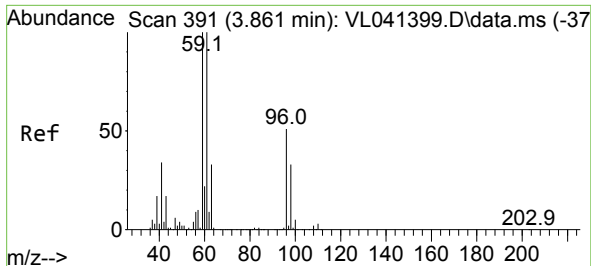
Tgt Ion: 43 Resp: 9032
Ion Ratio Lower Upper
43 100
58 60.6 21.4 32.2#



#16
1,3-Butadiene
Concen: 0.030 ppbv
RT: 2.992 min Scan# 121
Delta R.T. 0.006 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

Tgt Ion: 39 Resp: 1742
Ion Ratio Lower Upper
39 100
54 113.0 62.5 93.7#

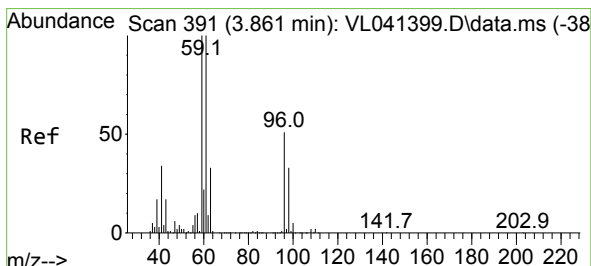
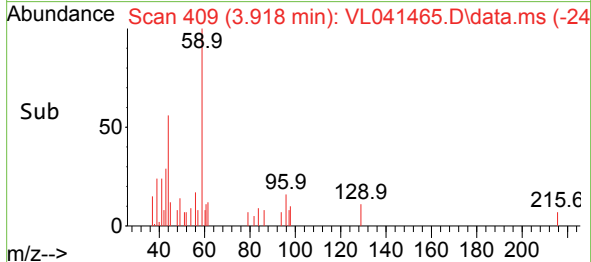
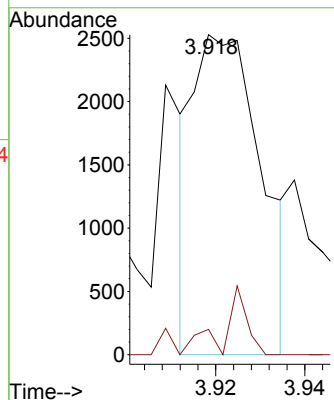
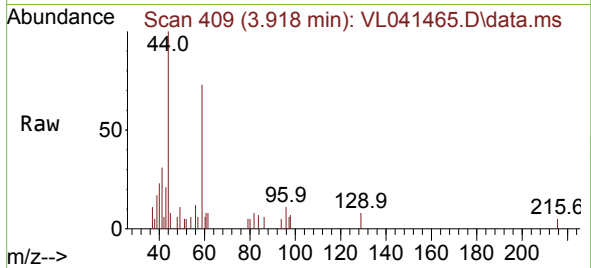




#17
tert-Butyl alcohol
Concen: 0.027 ppbv
RT: 3.918 min Scan# 409
Delta R.T. 0.042 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

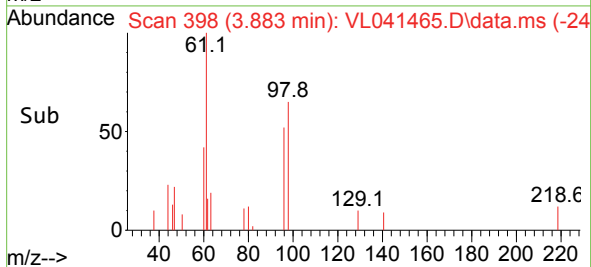
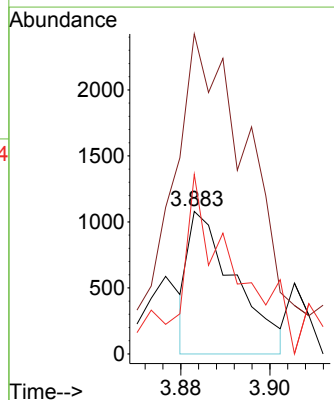
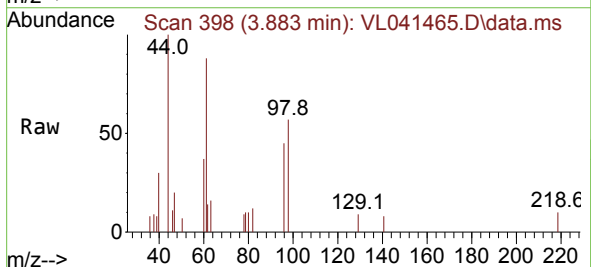
Instrument :
MSVOA_L
ClientSampleId :

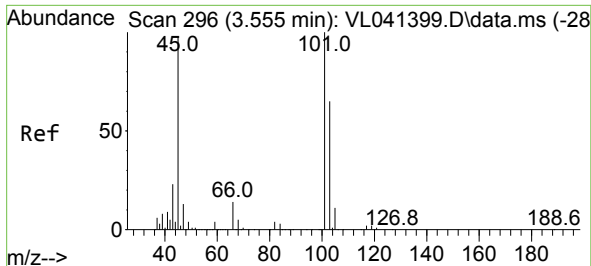
Tgt Ion: 59 Resp: 2675
Ion Ratio Lower Upper
59 100
57 9.1 8.6 12.8



#18
1,1-Dichloroethene
Concen: 0.017 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.003 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

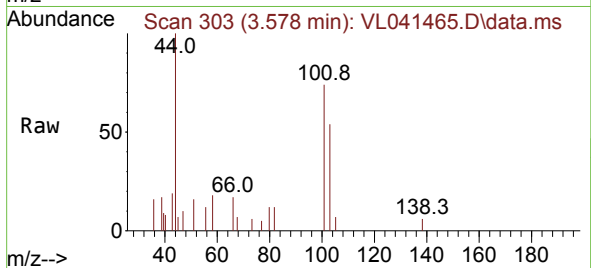
Tgt Ion: 96 Resp: 784
Ion Ratio Lower Upper
96 100
61 220.0 157.5 236.3
98 118.7 51.2 76.8#



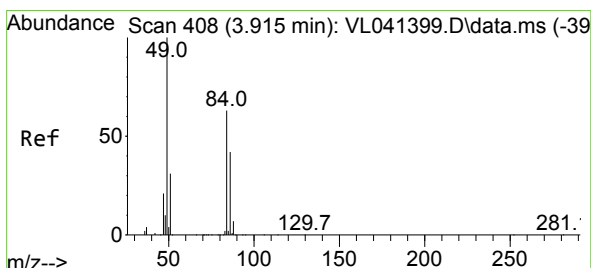
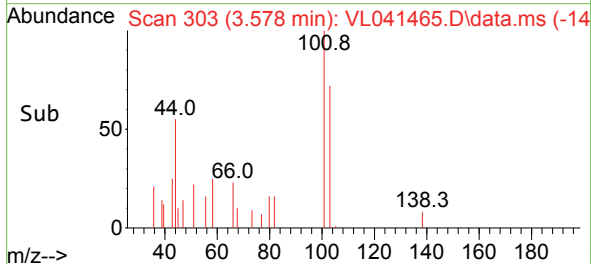
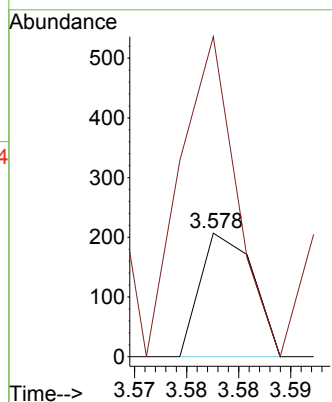


#19
Isopropyl Alcohol
Concen: 0.001 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.003 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

Instrument :
MSVOA_L
ClientSampleId :

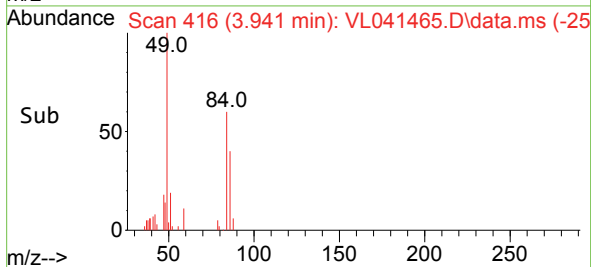
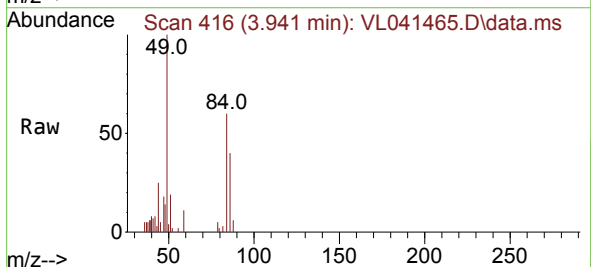
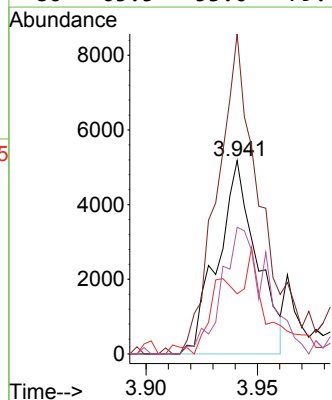


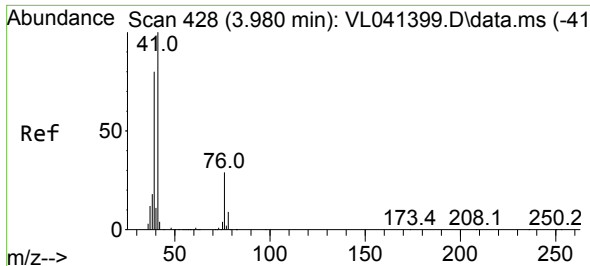
Tgt Ion: 45 Resp: 73
Ion Ratio Lower Upper
45 100
58 843.8 1.9 2.9#



#20
Methylene Chloride
Concen: 0.155 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.006 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

Tgt Ion: 84 Resp: 6279
Ion Ratio Lower Upper
84 100
49 165.4 126.6 190.0
51 27.7 38.6 58.0#
86 65.5 53.0 79.4

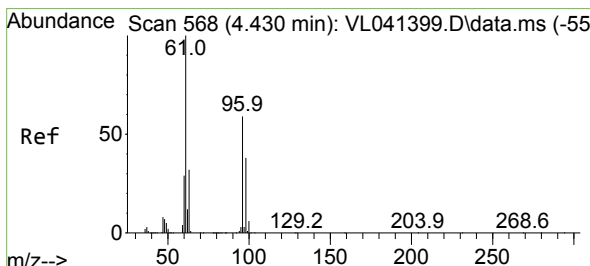
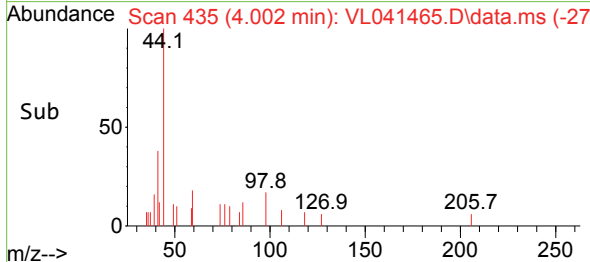
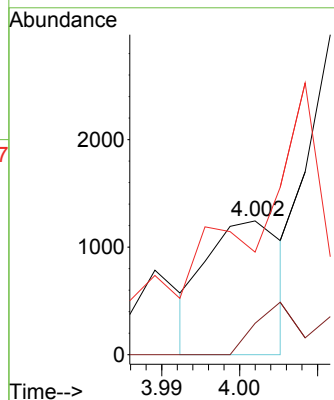
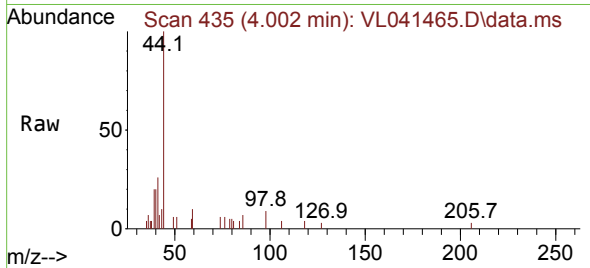




#21
 Allyl Chloride
 Concen: 0.012 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL041465.D
 Acq: 31 Jul 2024 16:17

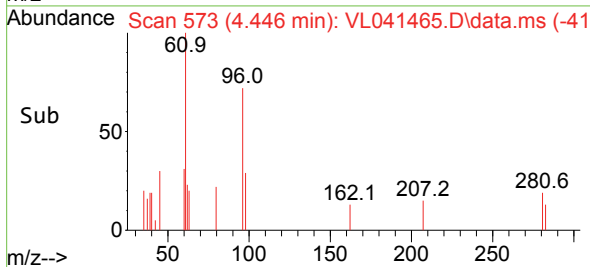
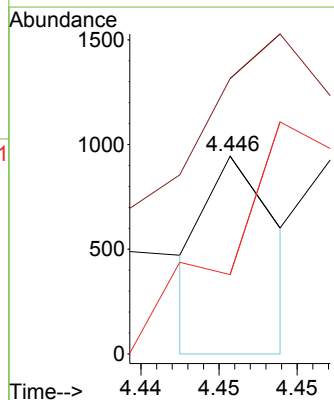
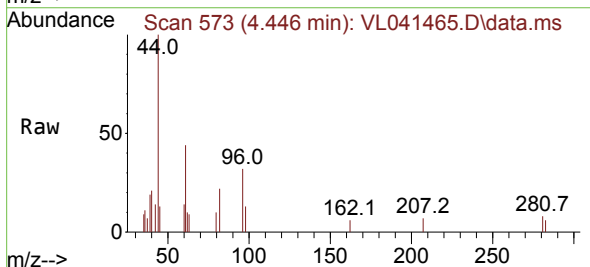
Instrument :
 MSVOA_L
 ClientSampleId :

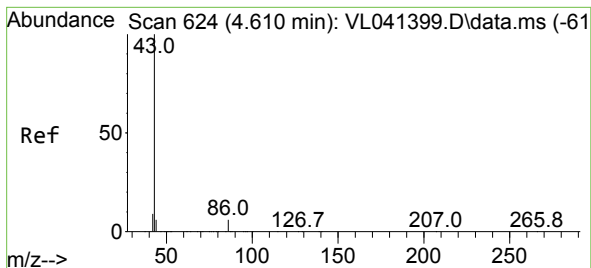
Tgt Ion: 41 Resp: 843
 Ion Ratio Lower Upper
 41 100
 76 0.0 23.7 35.5#
 39 0.0 64.3 96.5#



#22
 trans-1,2-Dichloroethene
 Concen: 0.007 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. -0.000 min
 Lab File: VL041465.D
 Acq: 31 Jul 2024 16:17

Tgt Ion: 96 Resp: 297
 Ion Ratio Lower Upper
 96 100
 61 97.3 135.4 203.2#
 98 0.0 51.0 76.4#





#23

Vinyl Acetate

Concen: 0.003 ppbv

RT: 4.626 min Scan# 61

Delta R.T. -0.003 min

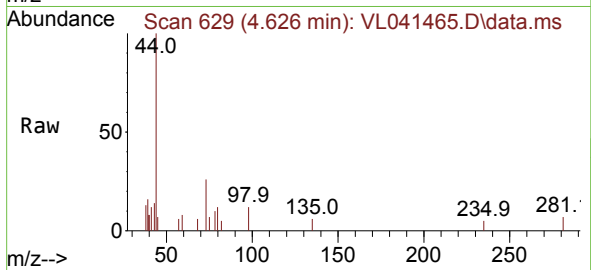
Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 274

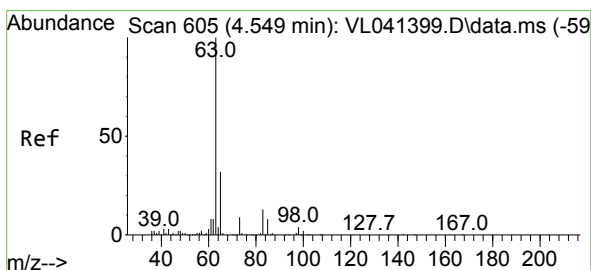
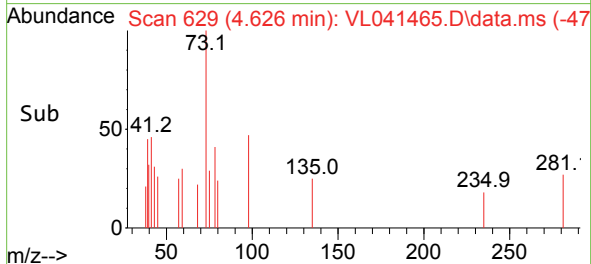
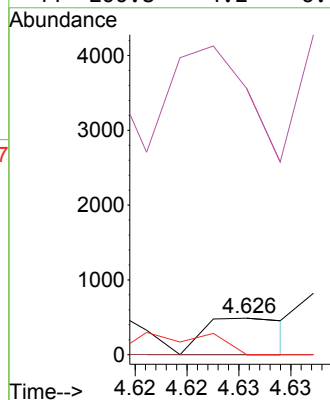
Ion Ratio Lower Upper

43 100

86 0.0 4.6 6.8#

42 0.0 7.9 11.9#

44 200.8 4.2 6.4#



#24

1,1-Dichloroethane

Concen: 0.022 ppbv

RT: 4.571 min Scan# 612

Delta R.T. 0.006 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

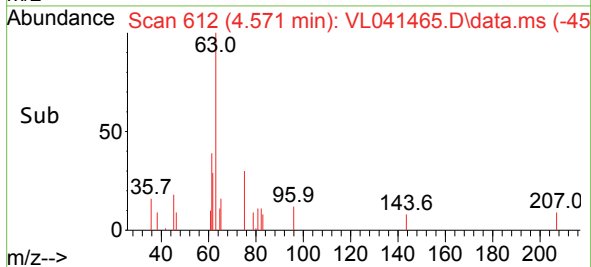
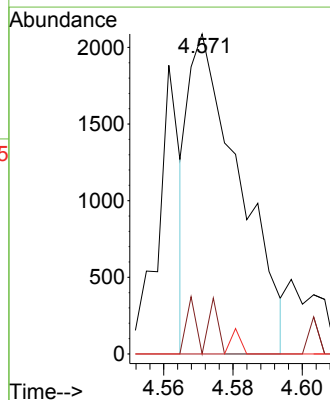
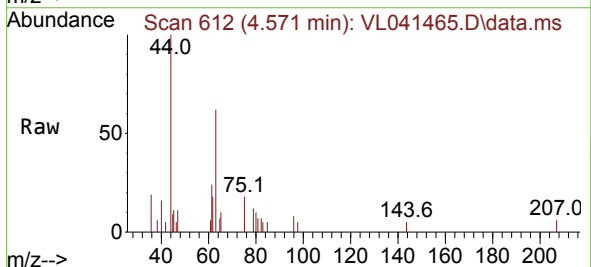
Tgt Ion: 63 Resp: 2148

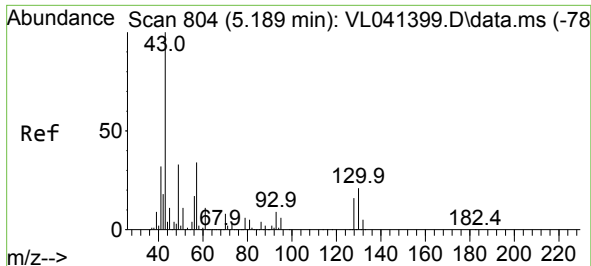
Ion Ratio Lower Upper

63 100

98 0.0 2.0 6.0#

100 0.0 1.2 3.6#





#25

Ethyl Acetate

Concen: 0.003 ppbv

RT: 5.208 min Scan# 810

Delta R.T. 0.003 min

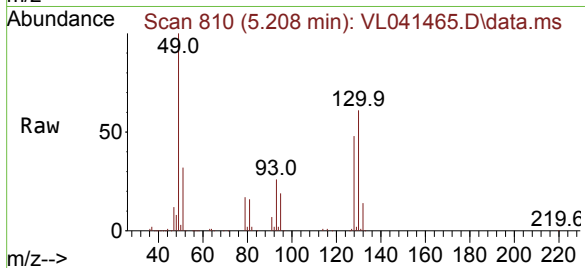
Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 635

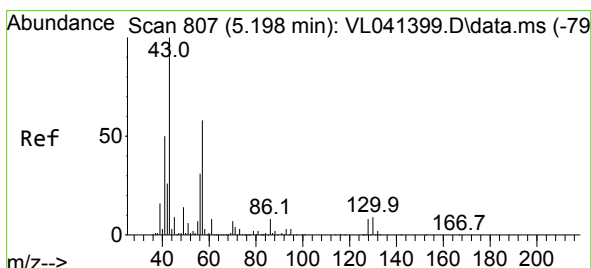
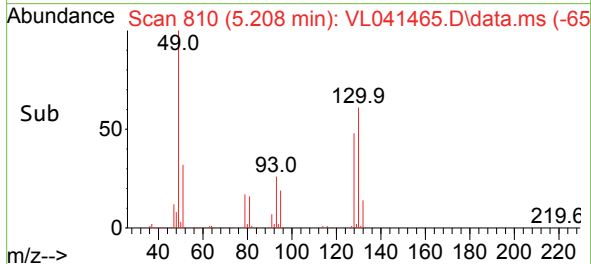
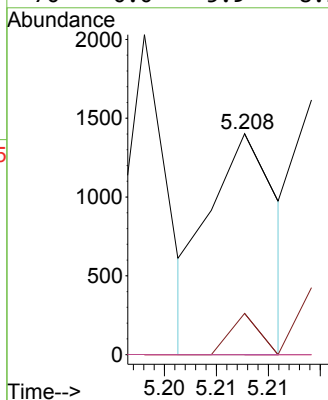
Ion Ratio Lower Upper

43 100

45 0.0 8.5 12.7#

61 0.0 8.0 12.0#

70 0.0 5.9 8.9#



#26

Hexane

Concen: 0.019 ppbv

RT: 5.214 min Scan# 812

Delta R.T. -0.000 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Tgt Ion: 57 Resp: 1680

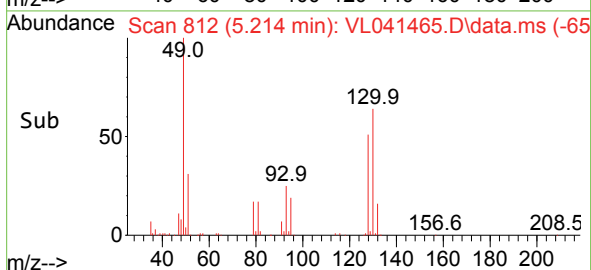
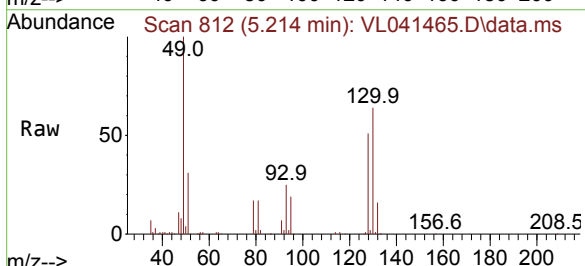
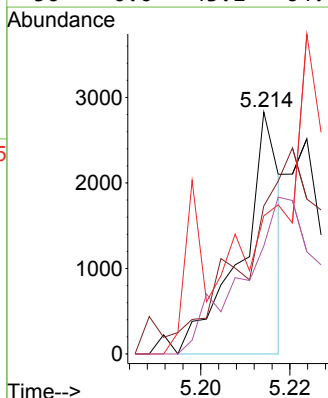
Ion Ratio Lower Upper

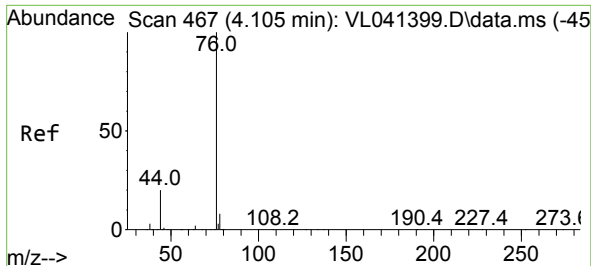
57 100

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: VL041465.D

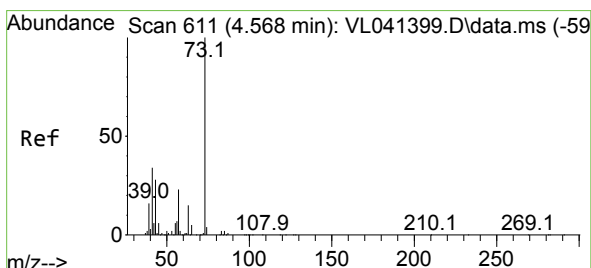
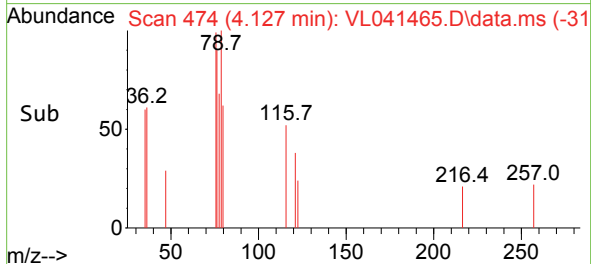
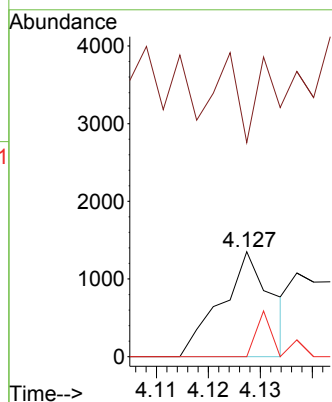
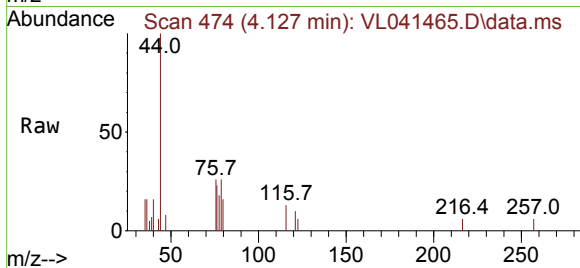
Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76	Resp: 905
Ion Ratio	Lower Upper
76	100
44	174.8 15.6 23.4#
78	17.1 7.7 11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.012 ppbv

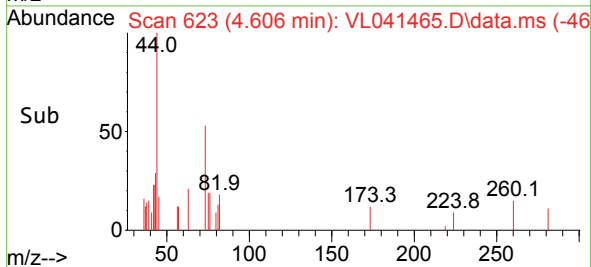
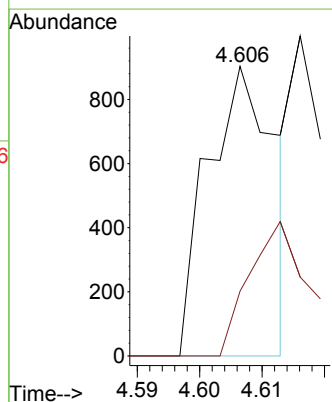
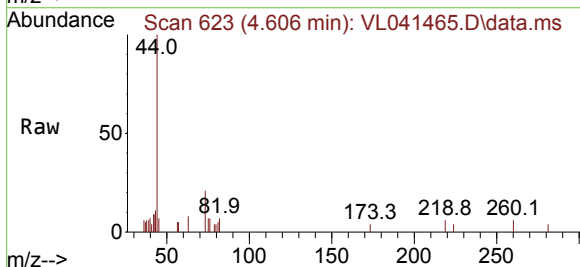
RT: 4.606 min Scan# 623

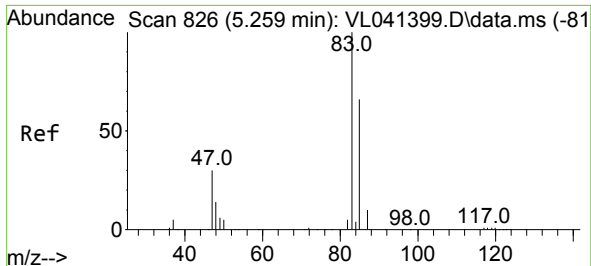
Delta R.T. 0.019 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Tgt Ion: 73	Resp: 677
Ion Ratio	Lower Upper
73	100
57	0.0 18.9 28.3#





#29

Chloroform

Concen: 0.033 ppbv

RT: 5.275 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

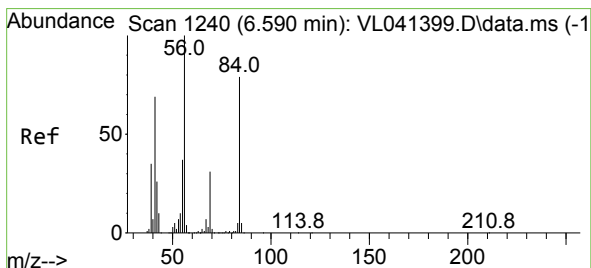
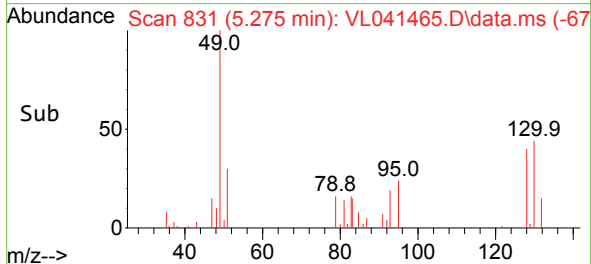
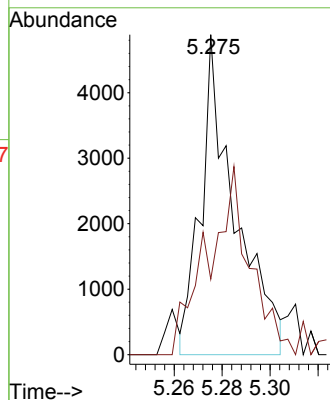
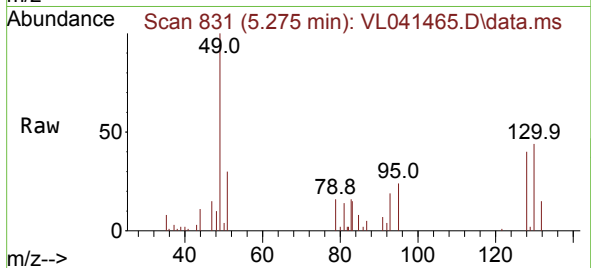
ClientSampleId :

Tgt Ion: 83 Resp: 4815

Ion Ratio Lower Upper

83 100

85 20.6 53.1 79.7#



#30

Cyclohexane

Concen: 0.006 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. 0.006 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

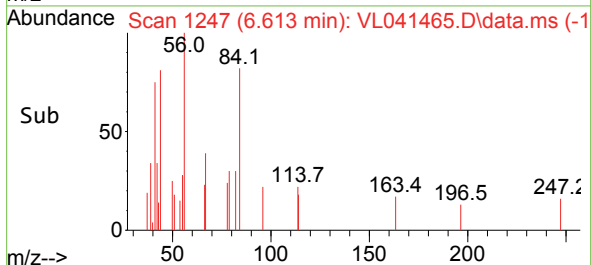
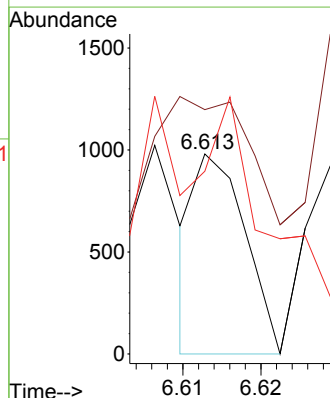
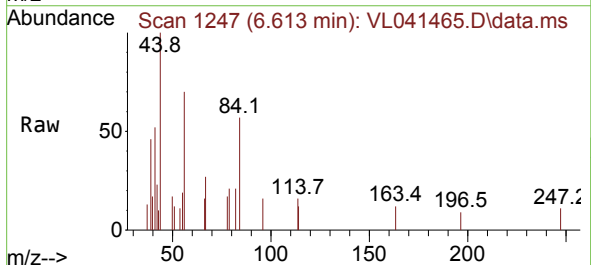
Tgt Ion: 84 Resp: 439

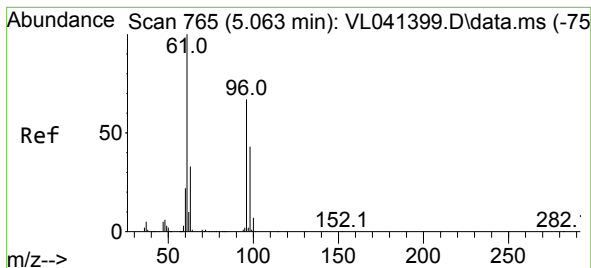
Ion Ratio Lower Upper

84 100

56 0.0 111.2 166.8#

41 0.0 70.3 105.5#





#31

cis-1,2-Dichloroethene

Concen: 0.004 ppbv

RT: 5.102 min Scan# 71

Delta R.T. 0.019 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

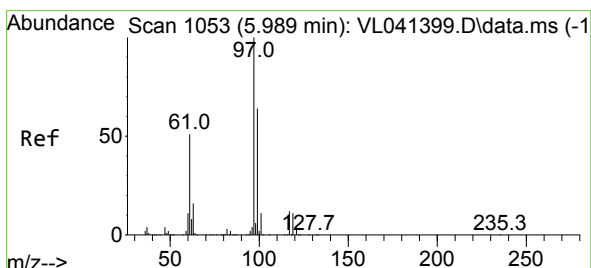
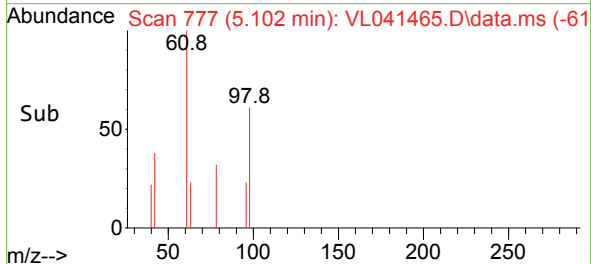
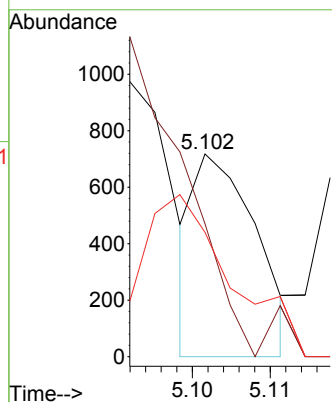
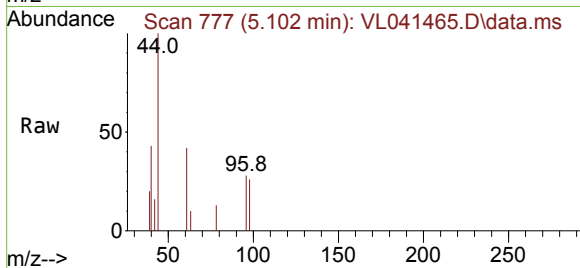
Tgt Ion: 61 Resp: 394

Ion Ratio Lower Upper

61 100

96 57.9 53.4 80.2

98 45.3 34.4 51.6



#32

1,1,1-Trichloroethane

Concen: 0.013 ppbv

RT: 6.008 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

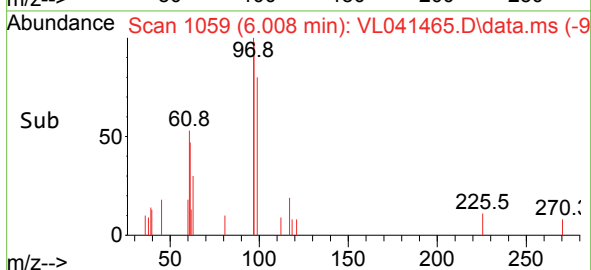
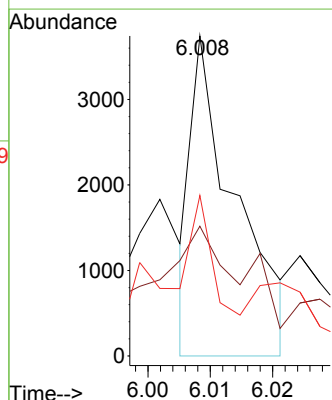
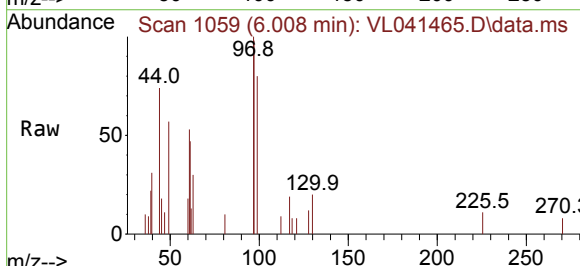
Tgt Ion: 97 Resp: 1865

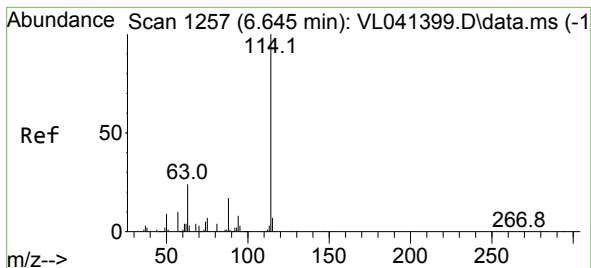
Ion Ratio Lower Upper

97 100

99 135.0 52.0 78.0#

61 105.6 41.8 62.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

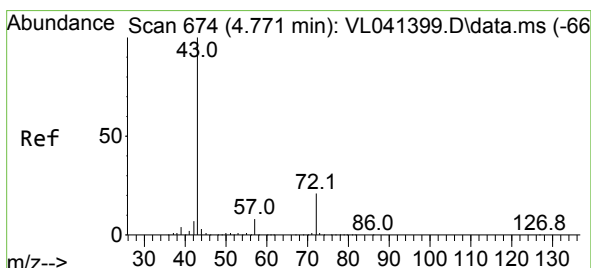
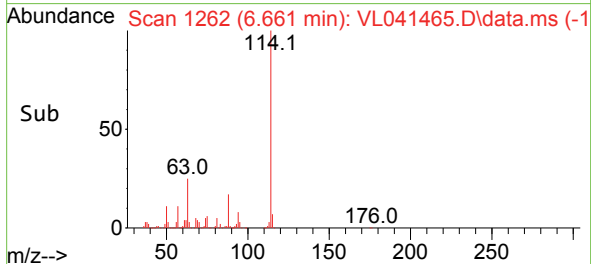
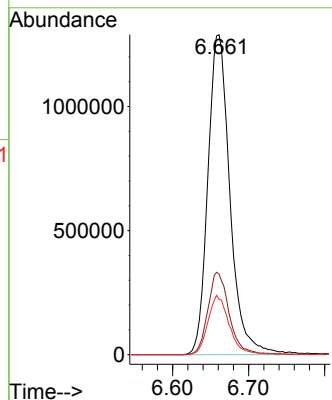
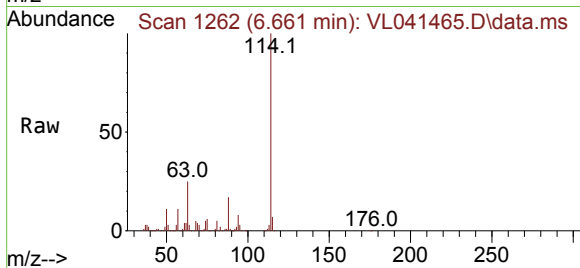
Tgt Ion:114 Resp: 2593990

Ion Ratio Lower Upper

114 100

63 25.4 20.3 30.5

88 18.0 14.3 21.5



#34

2-Butanone

Concen: 0.000 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.007 min

Lab File: VL041465.D

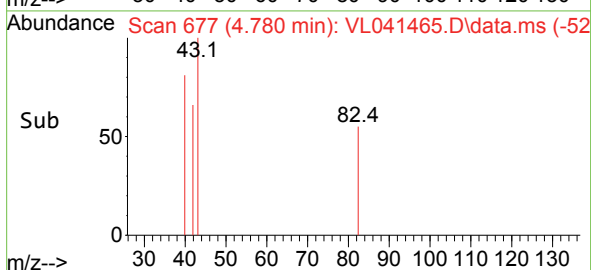
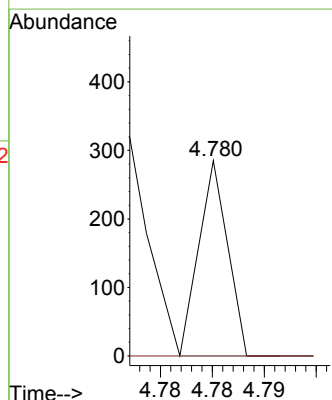
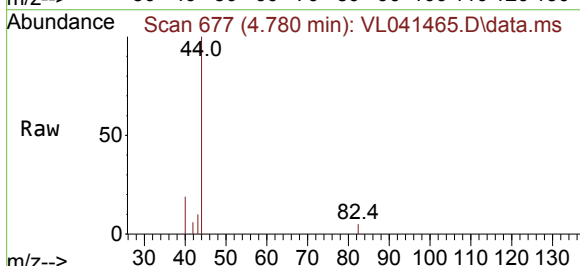
Acq: 31 Jul 2024 16:17

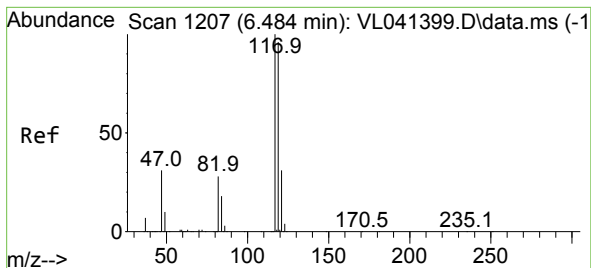
Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

72 0.0 17.3 25.9#





#35

Carbon Tetrachloride

Concen: 0.015 ppbv

RT: 6.497 min Scan# 1174

Delta R.T. -0.000 min

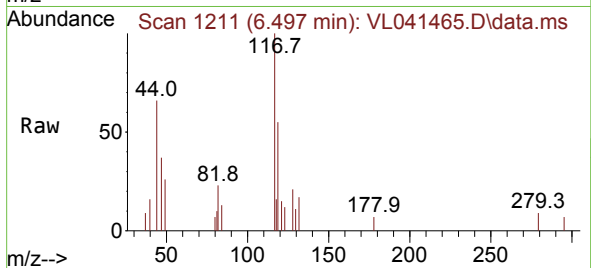
Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

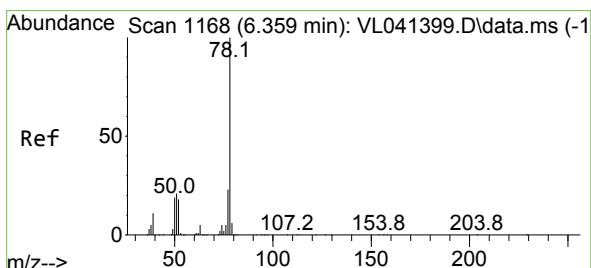
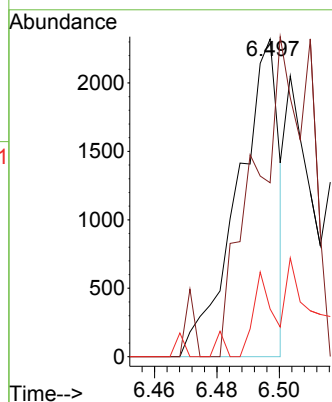
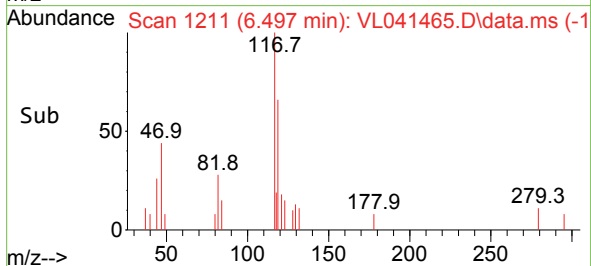
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	117	Resp:	2130
Ion	Ratio	Lower	Upper
117	100		
119	47.2	76.6	115.0#
121	6.5	25.1	37.7#



#36

Benzene

Concen: 0.007 ppbv

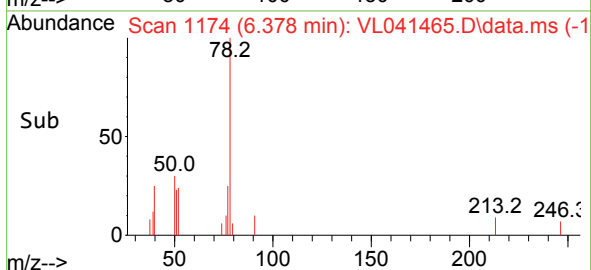
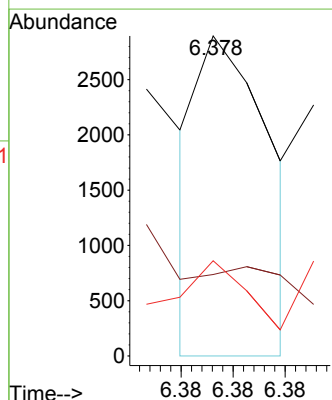
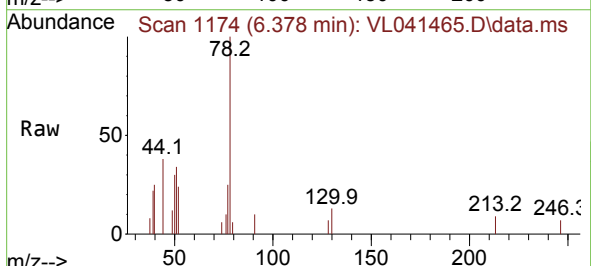
RT: 6.378 min Scan# 1174

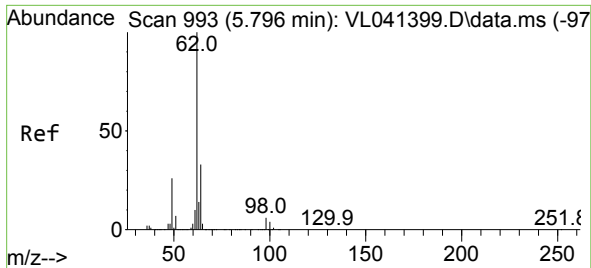
Delta R.T. 0.003 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Tgt Ion:	78	Resp:	1374
Ion	Ratio	Lower	Upper
78	100		
77	3.8	18.1	27.1#
50	55.3	15.5	23.3#

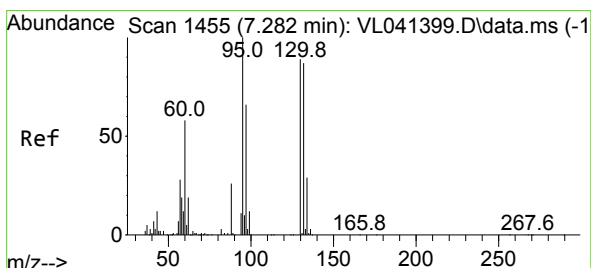
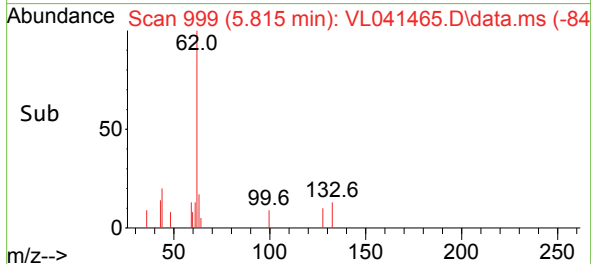
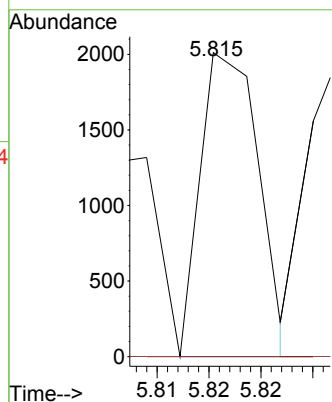
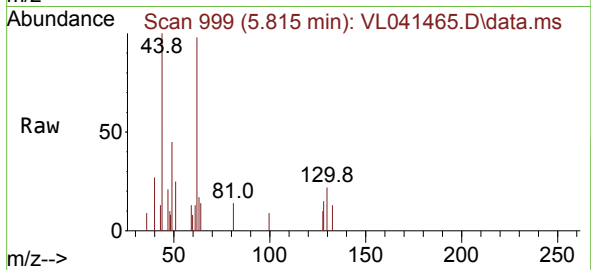




#37
1,2-Dichloroethane
Concen: 0.007 ppbv
RT: 5.815 min Scan# 993
Delta R.T. 0.006 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

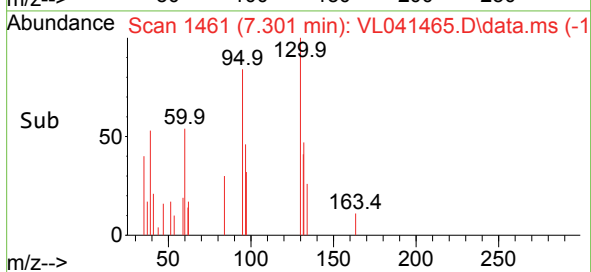
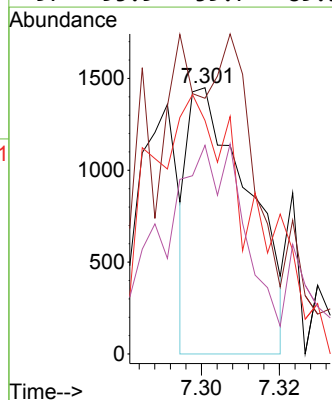
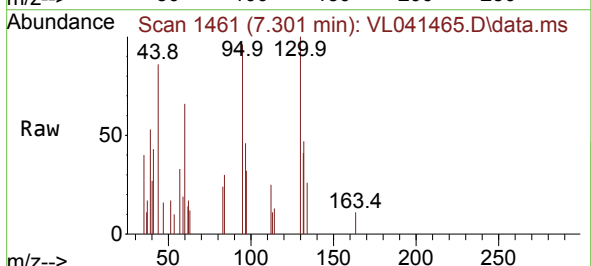
Instrument :
MSVOA_L
ClientSampleId :

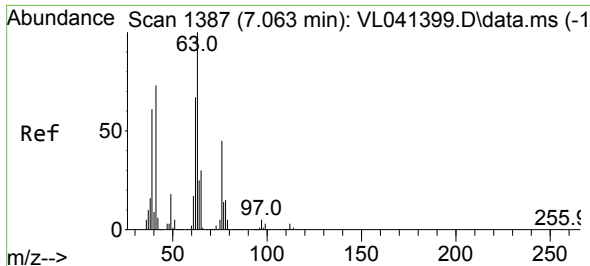
Tgt Ion: 62 Resp: 790
Ion Ratio Lower Upper
62 100
98 0.0 5.0 7.4#



#38
Trichloroethene
Concen: 0.018 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.003 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

Tgt Ion:130 Resp: 1562
Ion Ratio Lower Upper
130 100
95 100.0 90.2 135.2
132 49.7 78.1 117.1#
97 95.9 59.7 89.5#





#39

1,2-Dichloropropane

Concen: 8.942 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.418 min

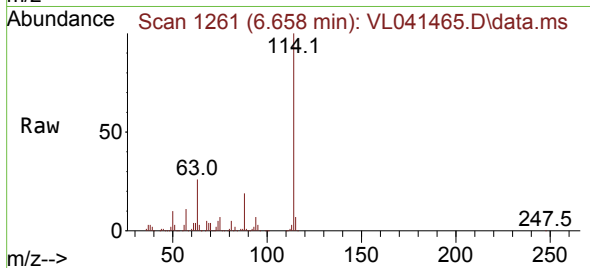
Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :



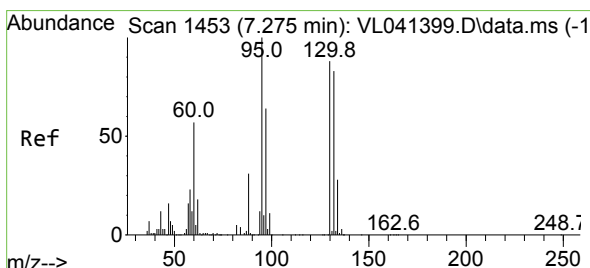
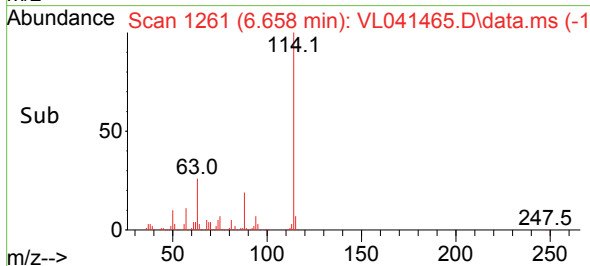
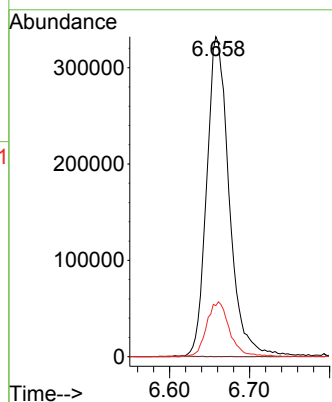
Tgt Ion: 63 Resp: 648871

Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 16.0 53.9 80.9#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.016 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Tgt Ion: 88 Resp: 84

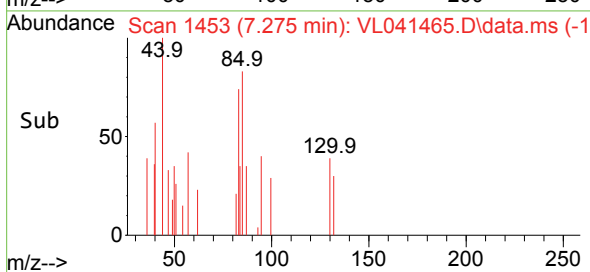
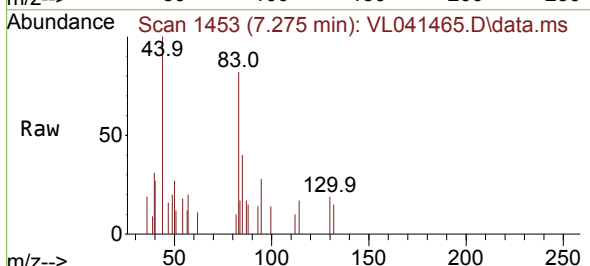
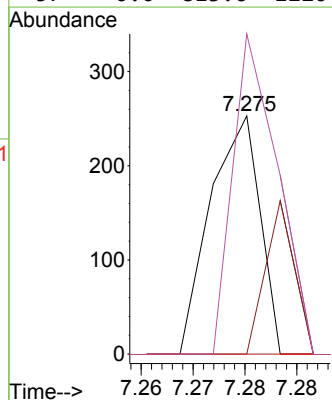
Ion Ratio Lower Upper

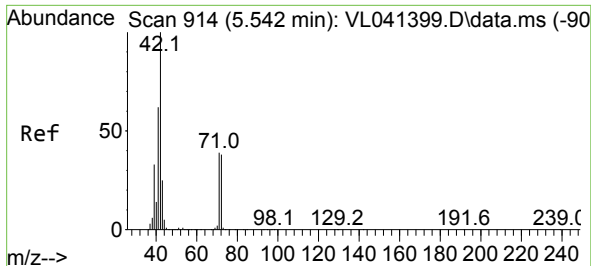
88 100

58 225.0 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: 5.587 min Scan# 91

Delta R.T. 0.029 min

Lab File: VL041465.D

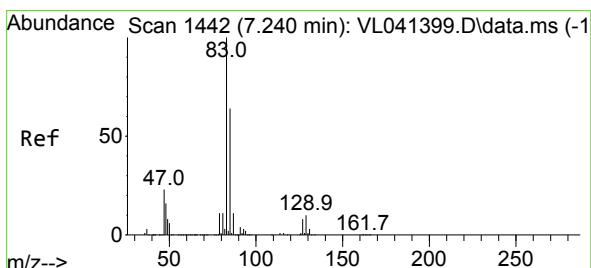
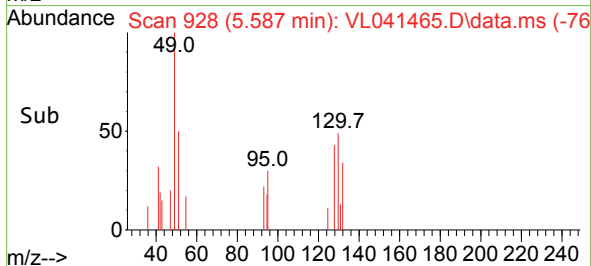
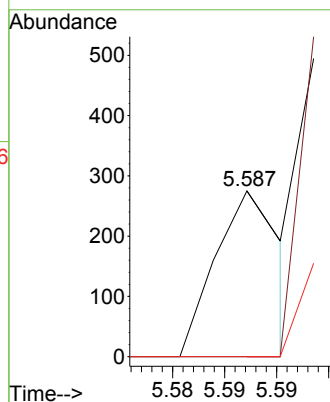
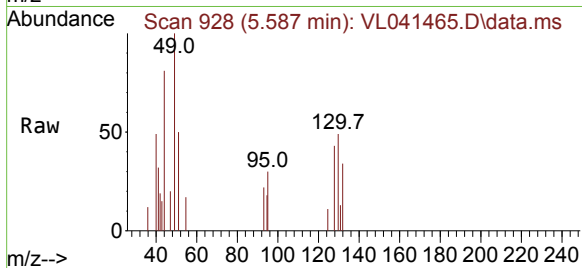
Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 42	Resp: 121
Ion Ratio	Lower Upper
42	100
72	0.0 31.2 46.8#
71	0.0 30.5 45.7#



#42

Bromodichloromethane

Concen: 0.007 ppbv

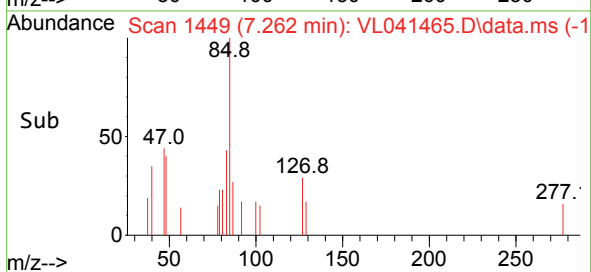
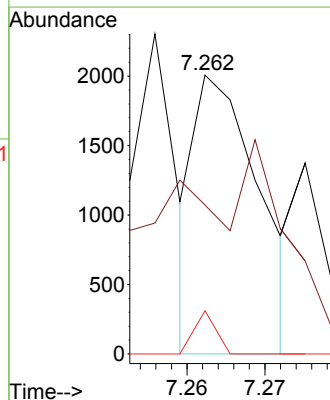
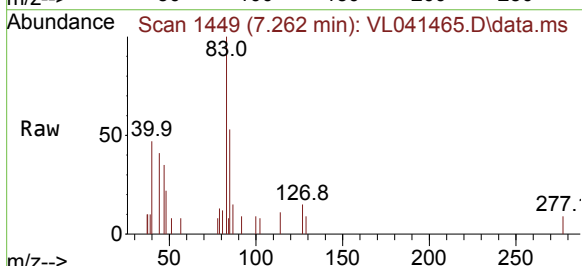
RT: 7.262 min Scan# 1449

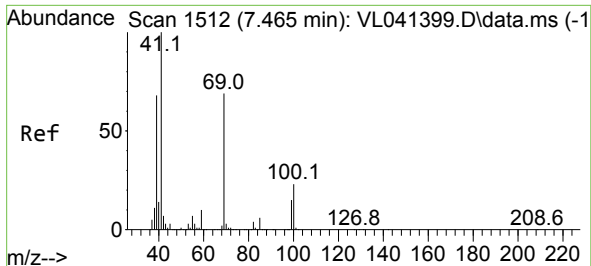
Delta R.T. 0.006 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

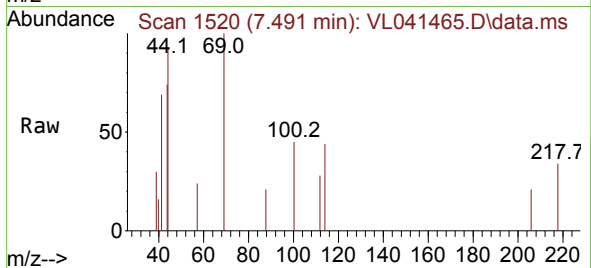
Tgt Ion: 83	Resp: 1146
Ion Ratio	Lower Upper
83	100
85	14.6 51.4 77.0#
127	26.9 6.7 10.1#



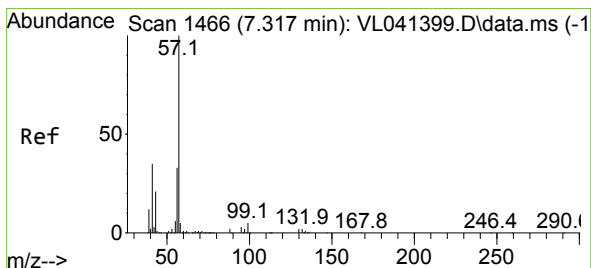
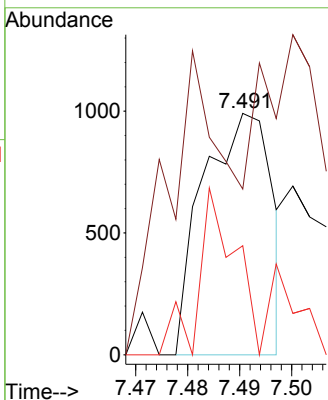
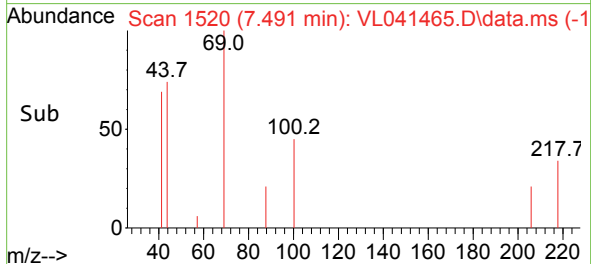


#43
Methyl Methacrylate
Concen: 0.013 ppbv
RT: 7.491 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

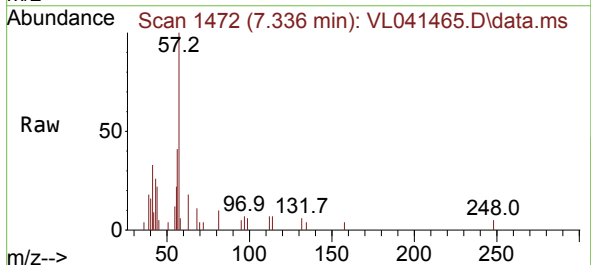
Instrument :
MSVOA_L
ClientSampleId :



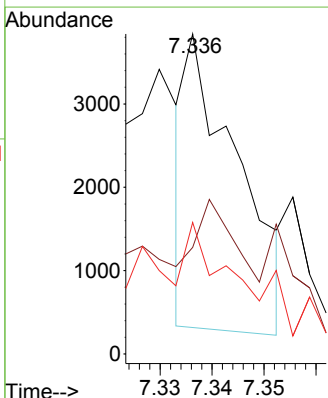
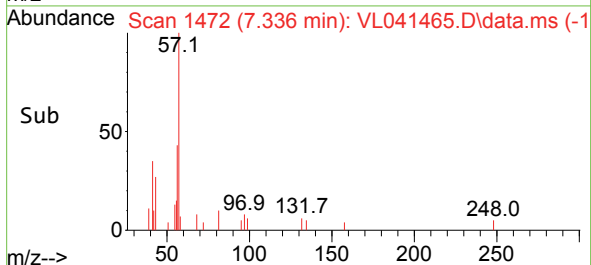
Tgt Ion: 69 Resp: 916
Ion Ratio Lower Upper
69 100
41 0.0 118.7 178.1#
100 52.3 27.0 40.4#

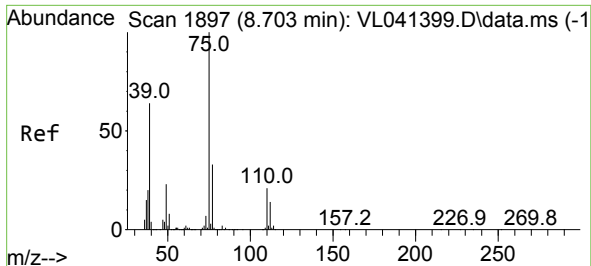


#44
2,2,4-Trimethylpentane
Concen: 0.008 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.003 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17



Tgt Ion: 57 Resp: 2485
Ion Ratio Lower Upper
57 100
41 151.5 27.0 40.6#
56 103.9 25.2 37.8#

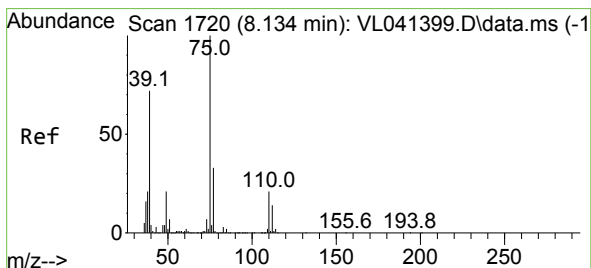
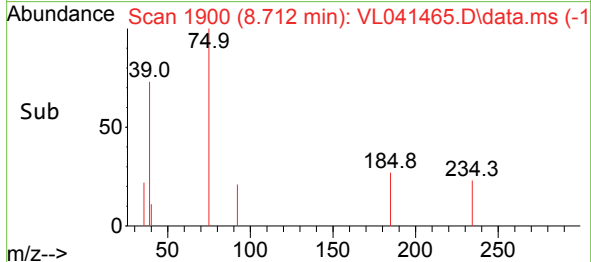
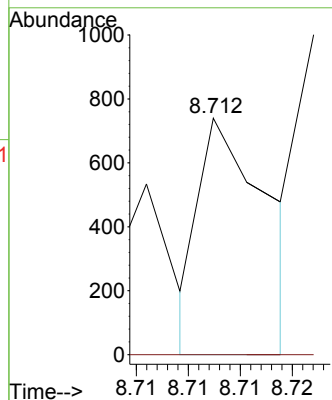
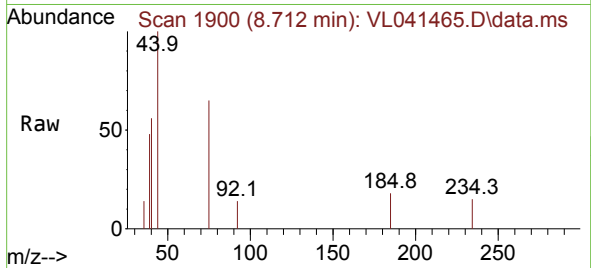




#45
t-1,3-Dichloropropene
Concen: 0.005 ppbv
RT: 8.712 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

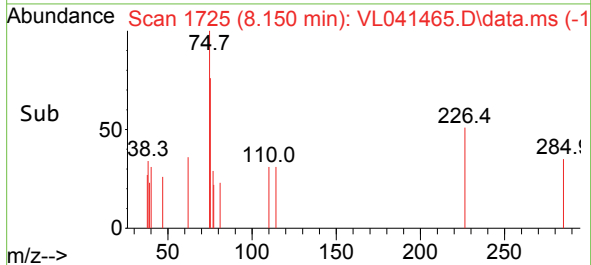
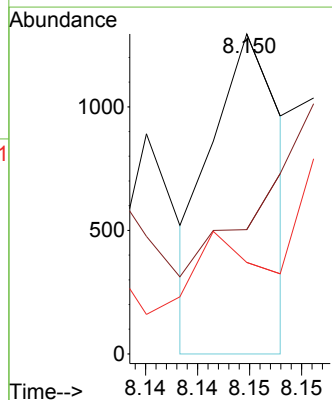
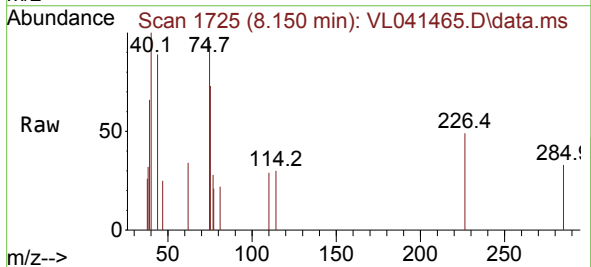
Instrument :
MSVOA_L
ClientSampleId :

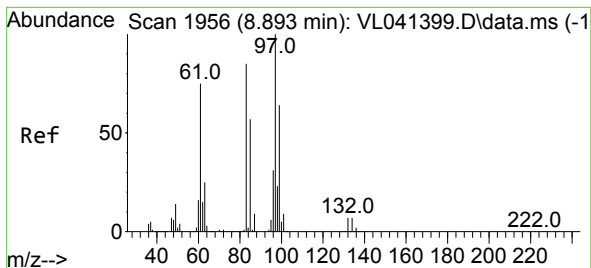
Tgt Ion: 75 Resp: 339
Ion Ratio Lower Upper
75 100
77 0.0 26.5 39.7#



#46
cis-1,3-Dichloropropene
Concen: 0.007 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

Tgt Ion: 75 Resp: 601
Ion Ratio Lower Upper
75 100
39 24.6 57.3 85.9#
77 17.9 26.2 39.2#





#47

1,1,2-Trichloroethane

Concen: 0.013 ppbv

RT: 8.902 min Scan# 1956

Delta R.T. -0.003 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 1063

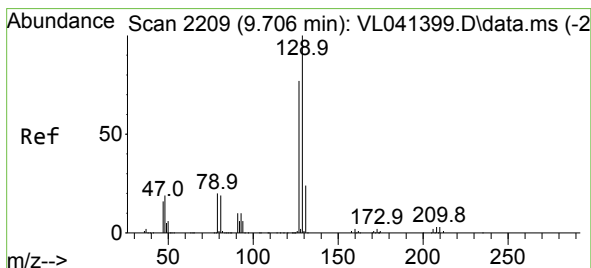
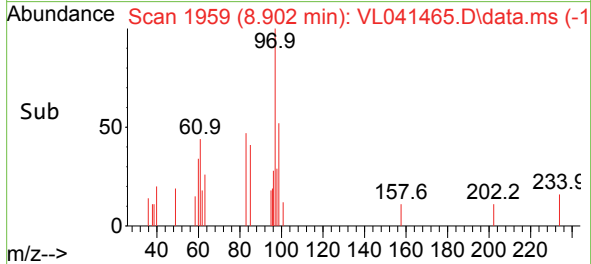
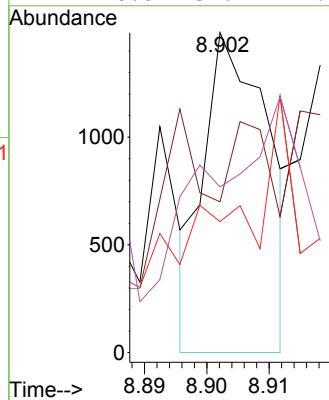
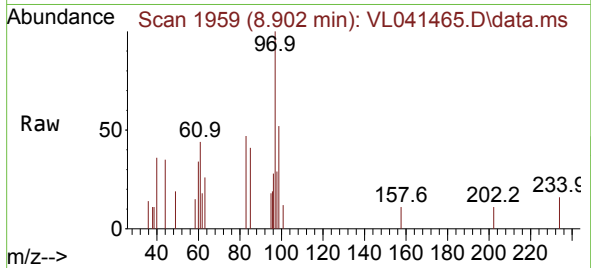
Ion Ratio Lower Upper

97 100

83 7.4 67.6 101.4#

85 21.7 45.9 68.9#

99 0.0 51.4 77.0#



#48

Dibromochloromethane

Concen: 0.004 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. -0.000 min

Lab File: VL041465.D

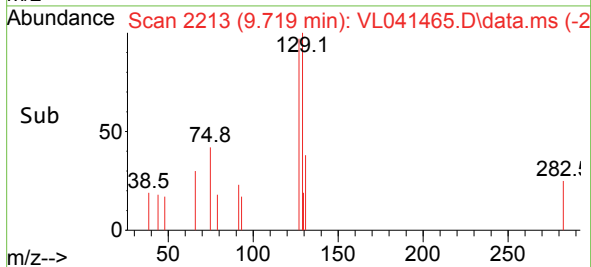
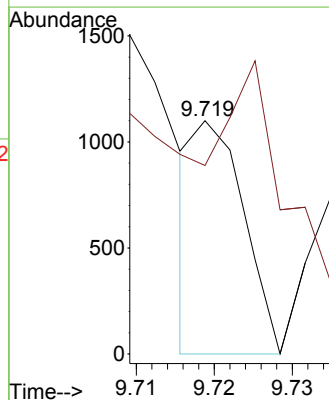
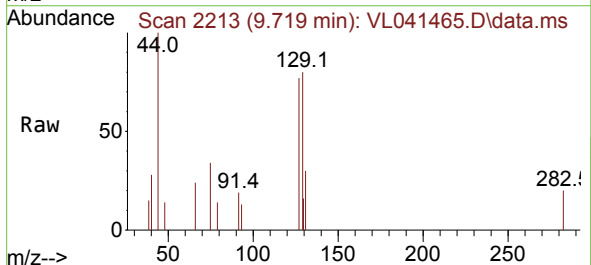
Acq: 31 Jul 2024 16:17

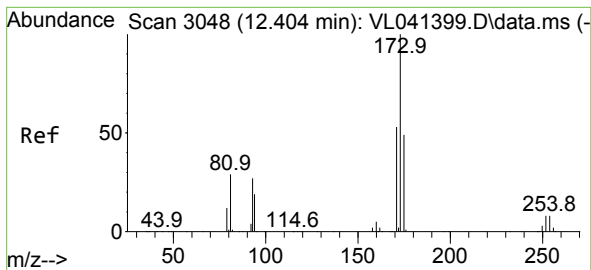
Tgt Ion: 129 Resp: 483

Ion Ratio Lower Upper

129 100

127 438.9 39.3 117.8#





#49

Bromoform

Concen: 0.006 ppbv

RT: 12.426 min Scan# 3048

Delta R.T. 0.013 min

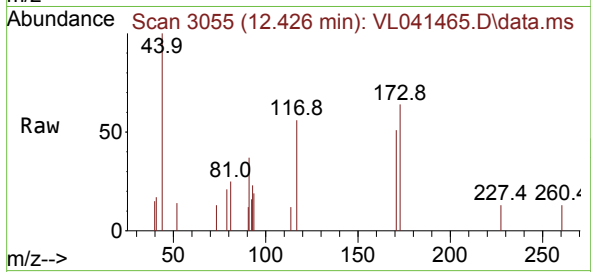
Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :



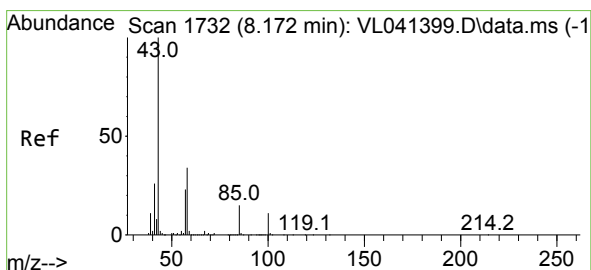
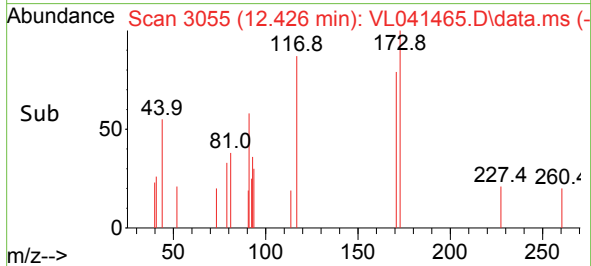
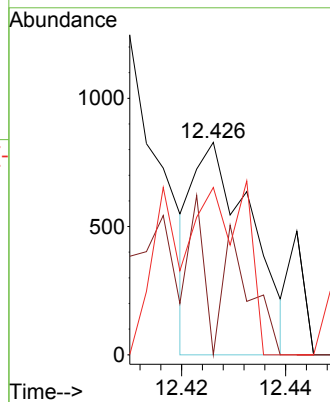
Tgt Ion:173 Resp: 643

Ion Ratio Lower Upper

173 100

175 140.0 39.9 59.9#

171 0.0 41.7 62.5#



#50

4-Methyl-2-Pentanone

Concen: 0.000 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.010 min

Lab File: VL041465.D

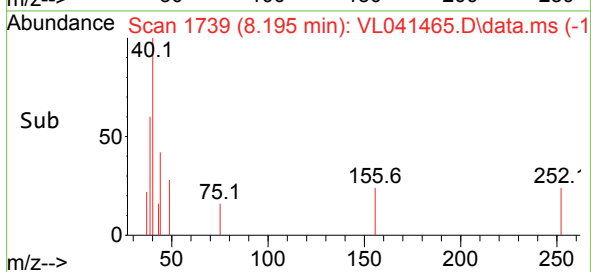
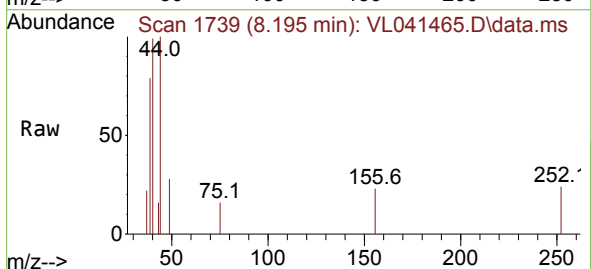
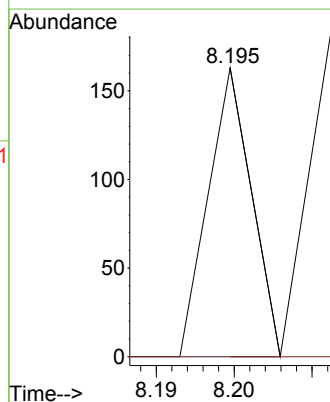
Acq: 31 Jul 2024 16:17

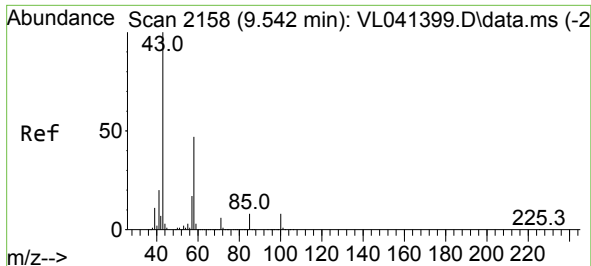
Tgt Ion: 43 Resp: 31

Ion Ratio Lower Upper

43 100

58 96.8 27.9 41.9#

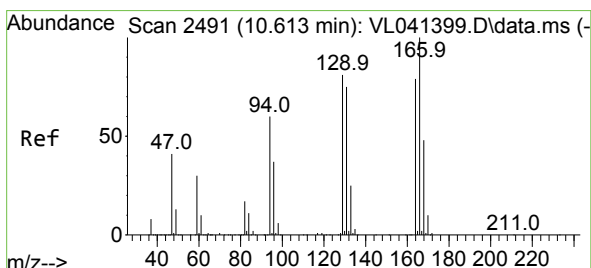
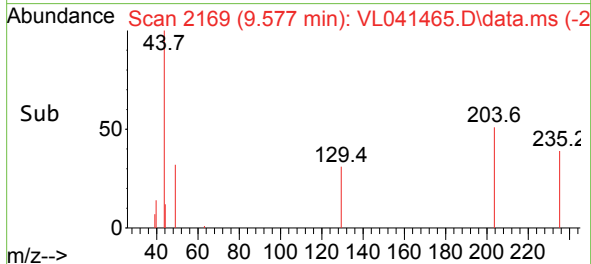
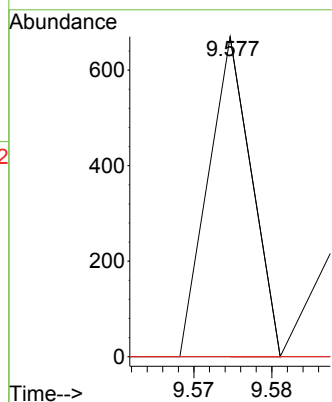
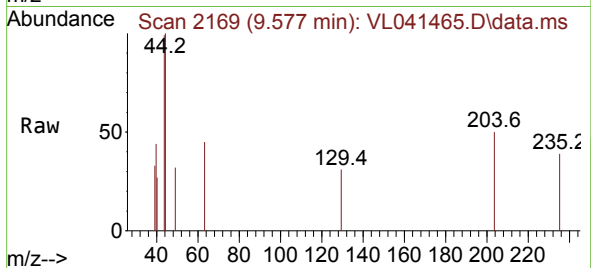




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.577 min Scan# 2158
Delta R.T. 0.026 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

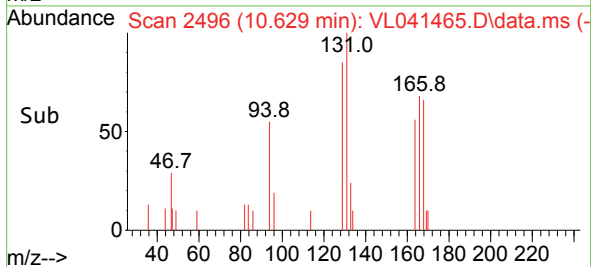
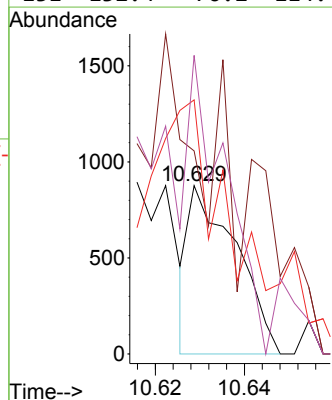
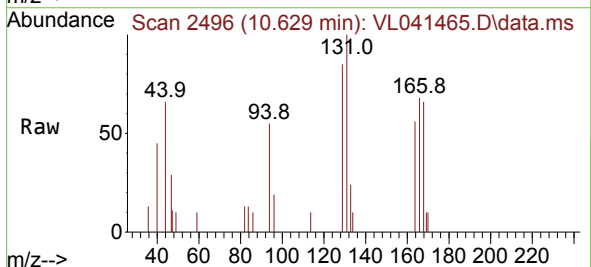
Instrument :
MSVOA_L
ClientSampleId :

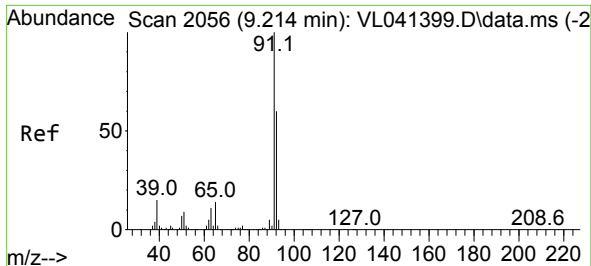
Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.009 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.006 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

Tgt Ion: 164 Resp: 648
Ion Ratio Lower Upper
164 100
166 74.5 101.1 151.7#
129 109.2 81.7 122.5
131 132.4 76.2 114.4#





#53

Toluene

Concen: 0.007 ppbv

RT: 9.230 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

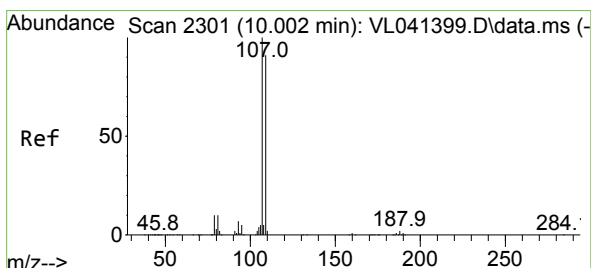
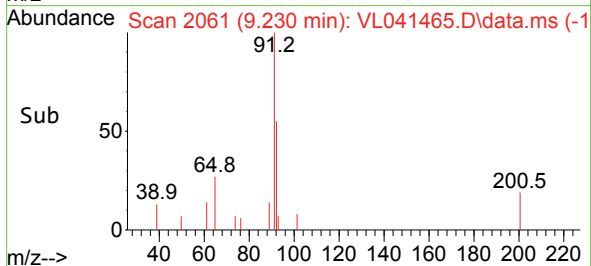
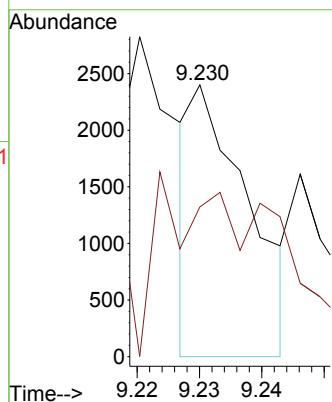
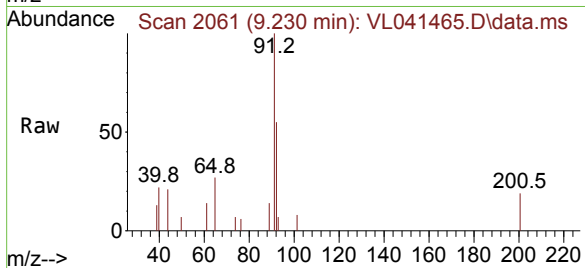
ClientSampleId :

Tgt Ion: 91 Resp: 1524

Ion Ratio Lower Upper

91 100

92 0.0 48.7 73.1#



#54

1,2-Dibromoethane

Concen: 0.006 ppbv

RT: 10.024 min Scan# 2308

Delta R.T. 0.010 min

Lab File: VL041465.D

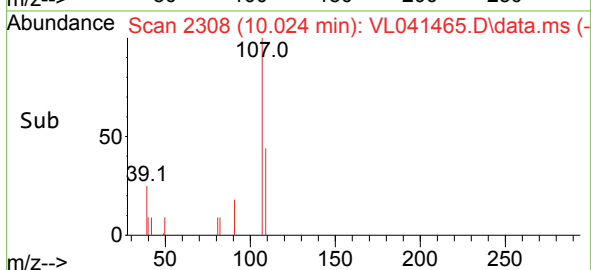
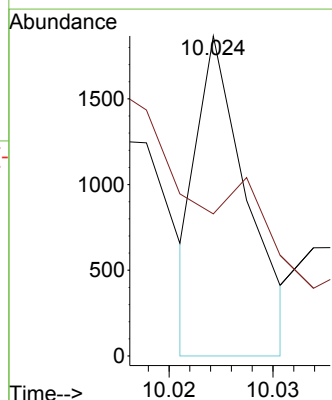
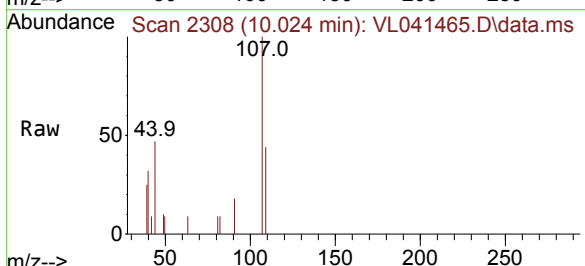
Acq: 31 Jul 2024 16:17

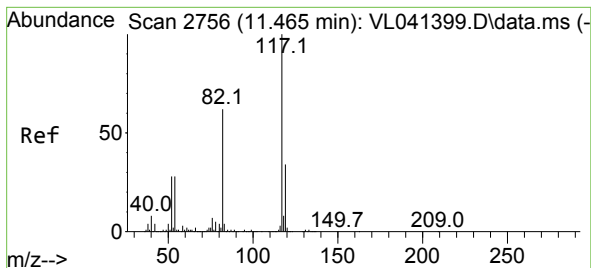
Tgt Ion: 107 Resp: 615

Ion Ratio Lower Upper

107 100

109 16.6 72.7 109.1#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.474 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

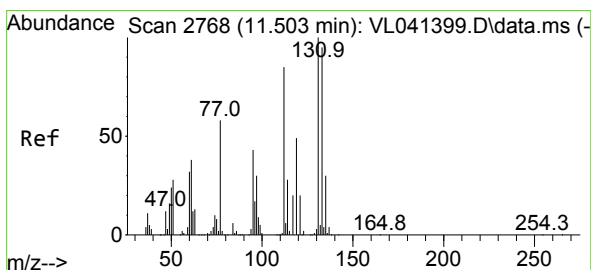
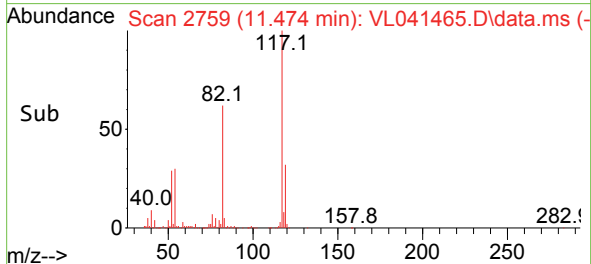
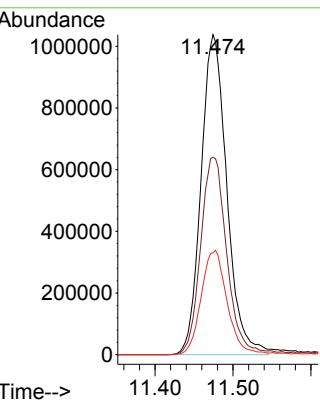
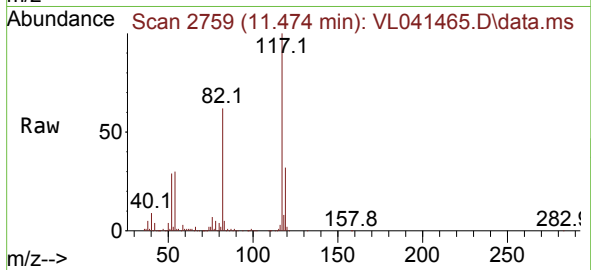
Tgt Ion:117 Resp: 2380271

Ion Ratio Lower Upper

117 100

82 64.4 51.0 76.6

119 33.8 45.2 67.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 0.016 ppbv

RT: 11.519 min Scan# 2773

Delta R.T. 0.003 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

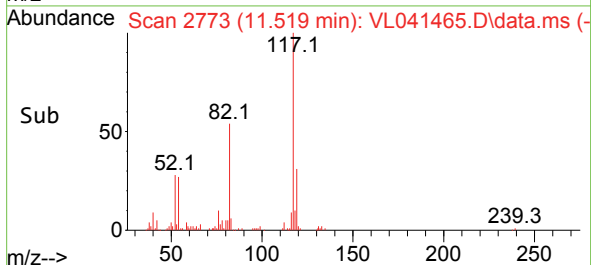
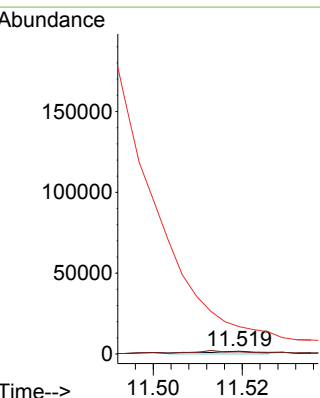
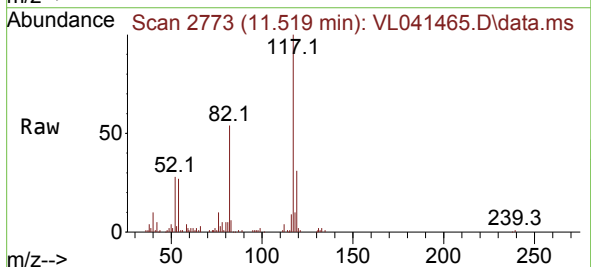
Tgt Ion:131 Resp: 1504

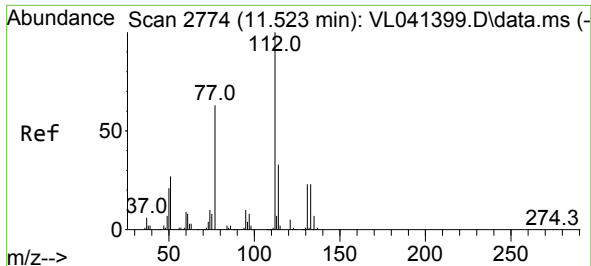
Ion Ratio Lower Upper

131 100

133 187.0 77.0 115.4#

119 0.0 121.5 182.3#

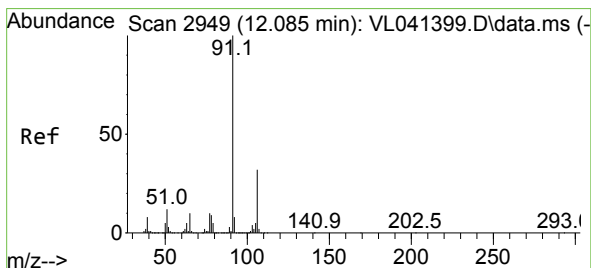
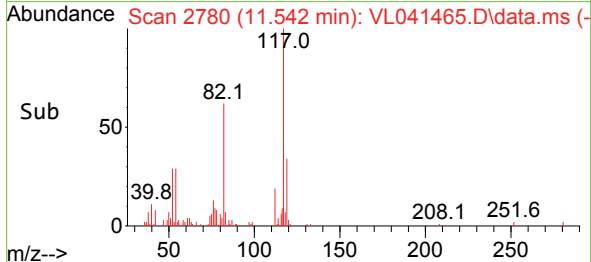
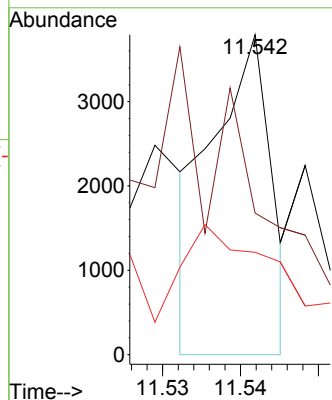
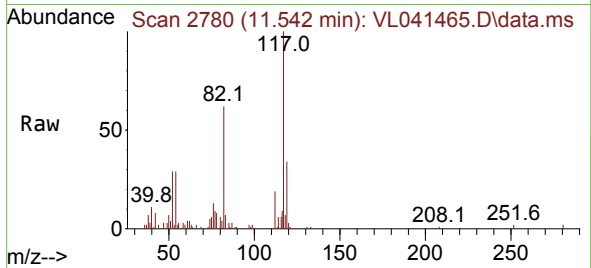




#57
Chlorobenzene
Concen: 0.012 ppbv
RT: 11.542 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

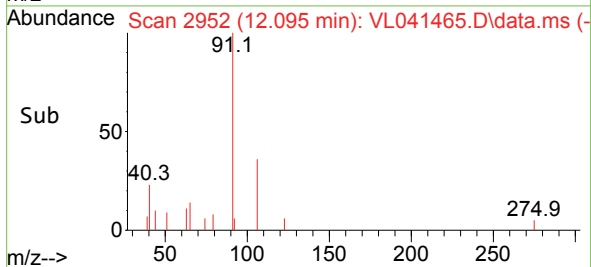
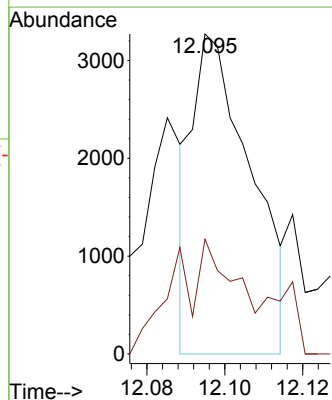
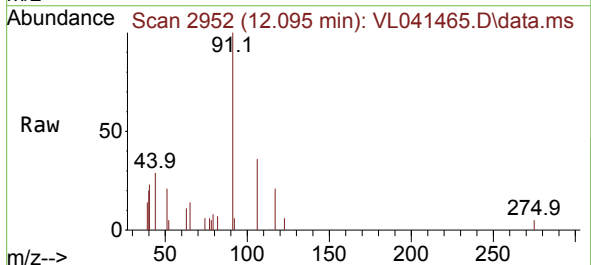
Instrument :
MSVOA_L
ClientSampleId :

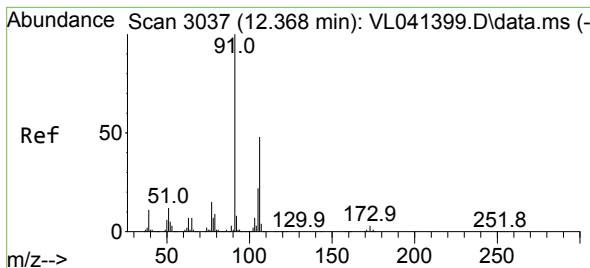
Tgt Ion:112 Resp: 2000
Ion Ratio Lower Upper
112 100
77 7.0 51.1 76.7#
114 4.6 29.5 36.1#



#58
Ethyl Benzene
Concen: 0.012 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

Tgt Ion: 91 Resp: 3410
Ion Ratio Lower Upper
91 100
106 29.2 25.8 38.8





#59

m/p-Xylene

Concen: 0.003 ppbv

RT: 12.375 min Scan# 3039

Delta R.T. -0.003 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

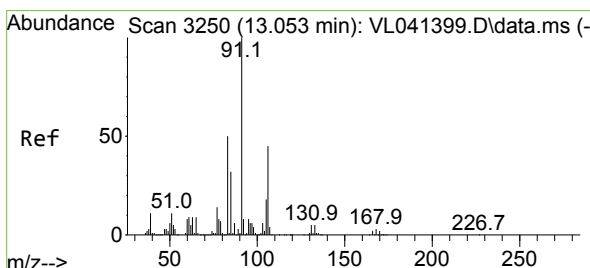
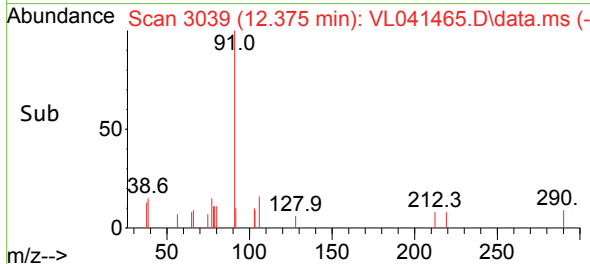
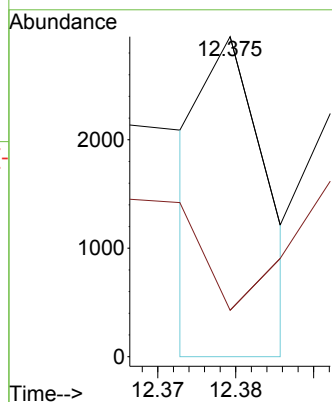
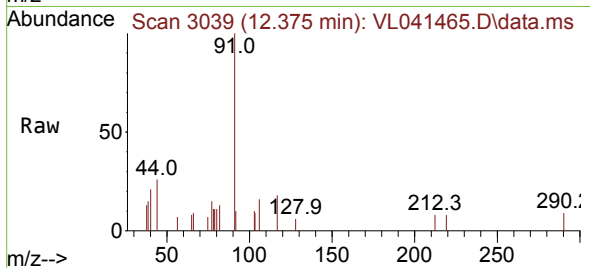
ClientSampleId :

Tgt Ion: 91 Resp: 804

Ion Ratio Lower Upper

91 100

106 0.0 36.3 54.5#



#60

o-Xylene

Concen: 0.002 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.006 min

Lab File: VL041465.D

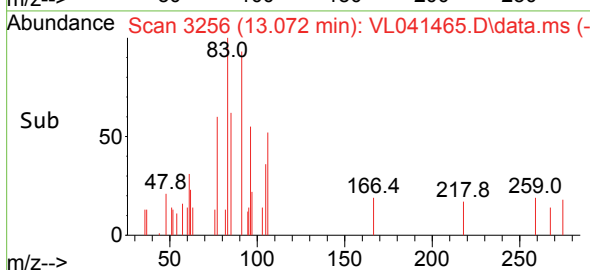
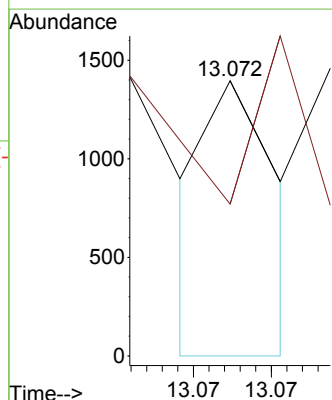
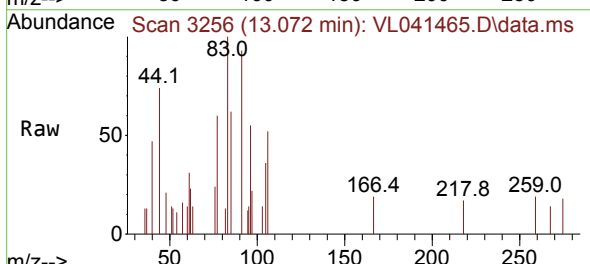
Acq: 31 Jul 2024 16:17

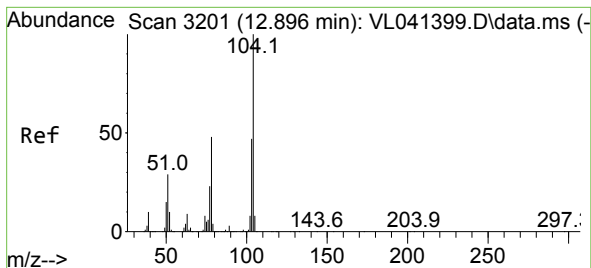
Tgt Ion: 91 Resp: 440

Ion Ratio Lower Upper

91 100

106 0.0 23.1 69.3#





#61

Styrene

Concen: 0.010 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.000 min

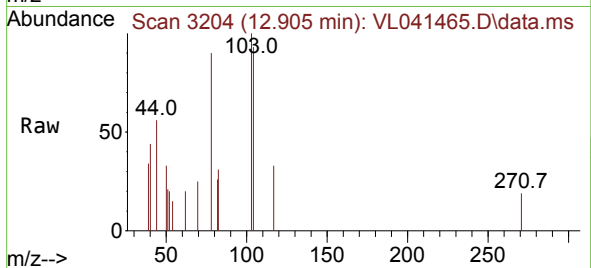
Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :



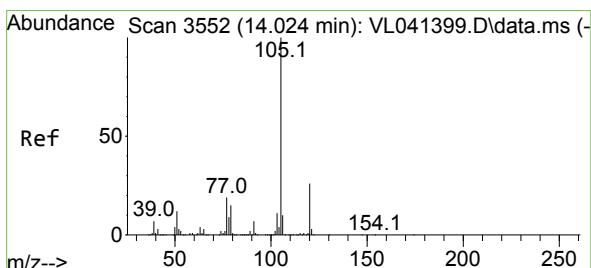
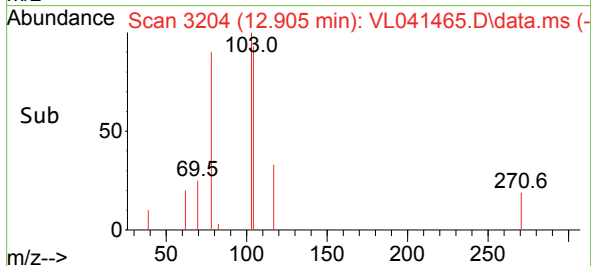
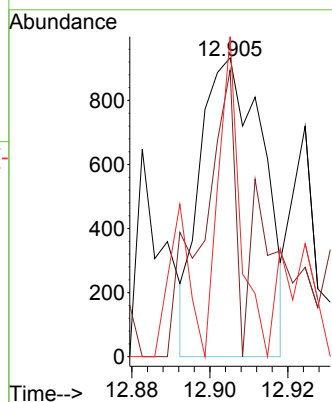
Tgt Ion:104 Resp: 1041

Ion Ratio Lower Upper

104 100

78 99.0 40.8 61.2#

103 76.9 38.2 57.4#



#62

Isopropylbenzene

Concen: 0.006 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.003 min

Lab File: VL041465.D

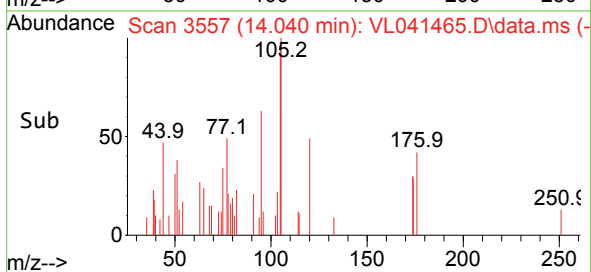
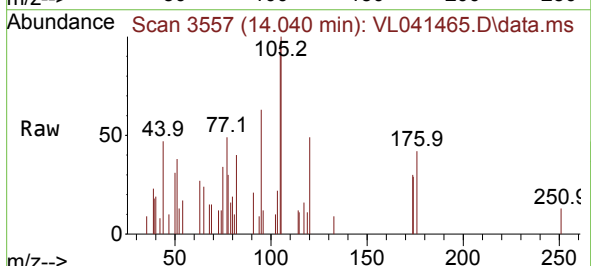
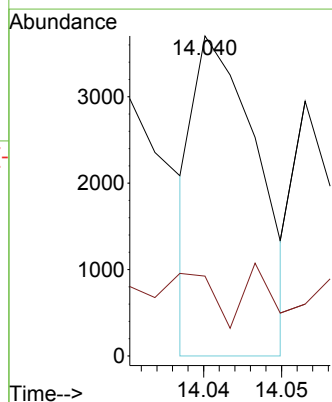
Acq: 31 Jul 2024 16:17

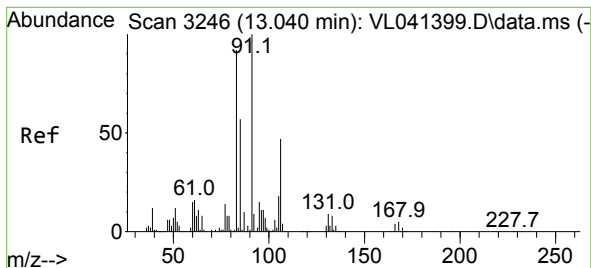
Tgt Ion:105 Resp: 2088

Ion Ratio Lower Upper

105 100

120 0.0 21.0 31.4#

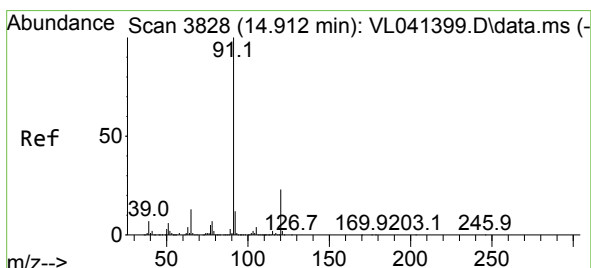
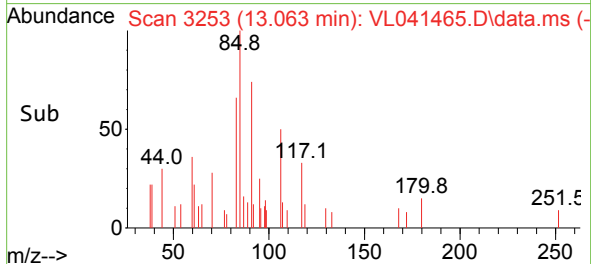
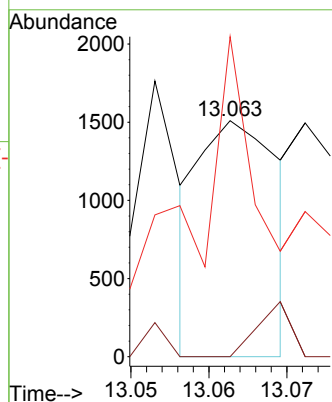
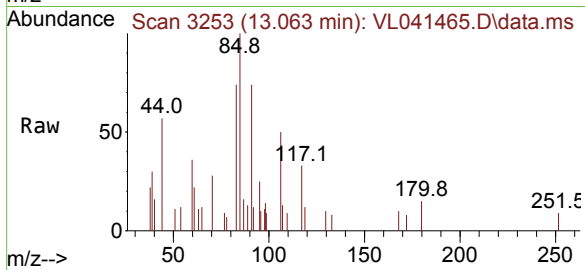




#63
1,1,2,2-Tetrachloroethane
Concen: 0.007 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

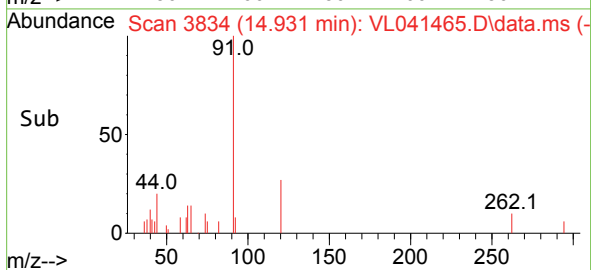
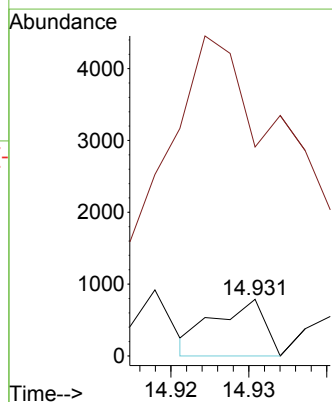
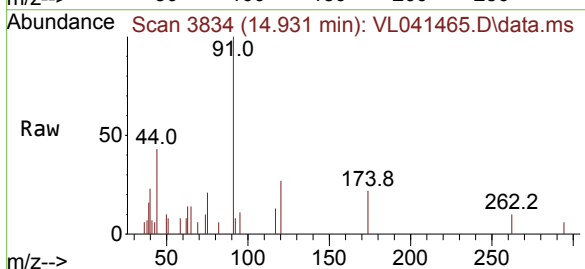
Instrument :
MSVOA_L
ClientSampleId :

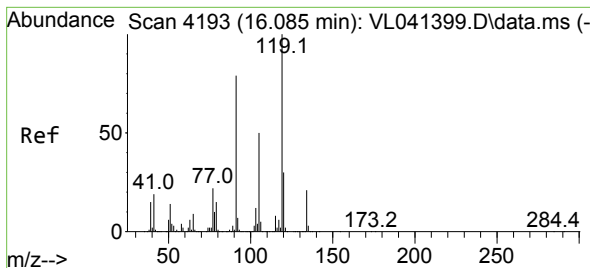
Tgt Ion: 83 Resp: 1057
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 259.3 32.6 98.0#



#64
n-propylbenzene
Concen: 0.004 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.010 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

Tgt Ion: 120 Resp: 353
Ion Ratio Lower Upper
120 100
91 2754.4 361.4 542.0#





#65

tert-Butylbenzene

Concen: 0.003 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. 0.006 min

Lab File: VL041465.D

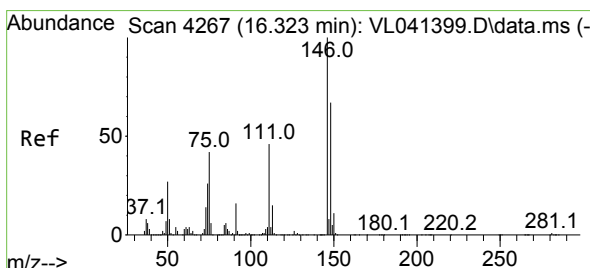
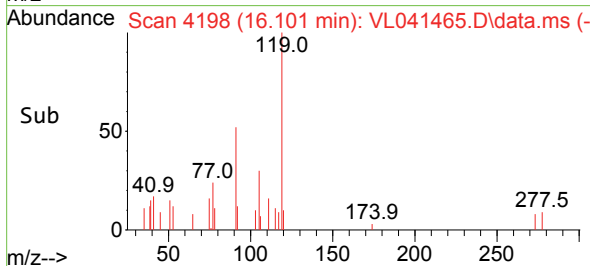
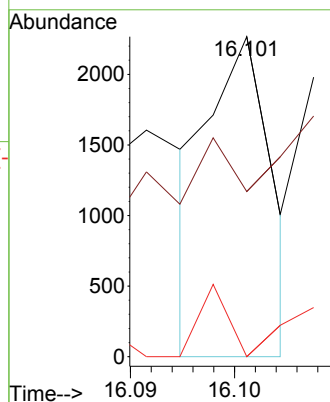
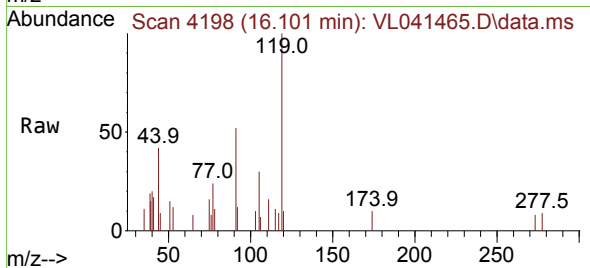
Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:119	Resp:	961
Ion Ratio	Lower	Upper
119	100	
91	0.0	64.2 96.2#
134	0.0	15.7 23.5#



#66

Benzyl Chloride

Concen: 0.006 ppbv

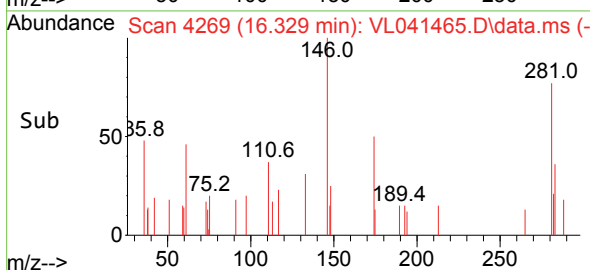
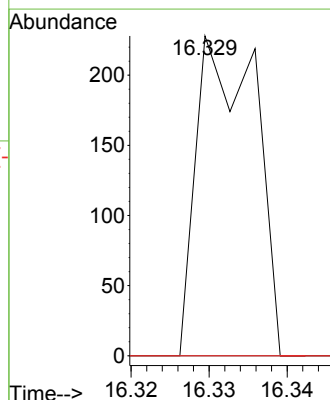
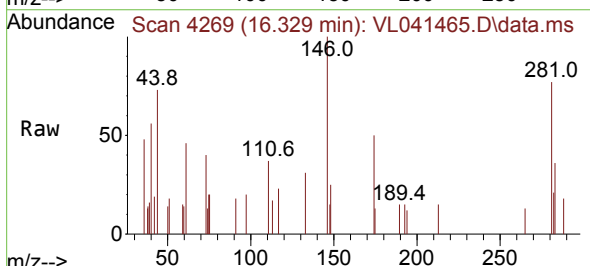
RT: 16.329 min Scan# 4269

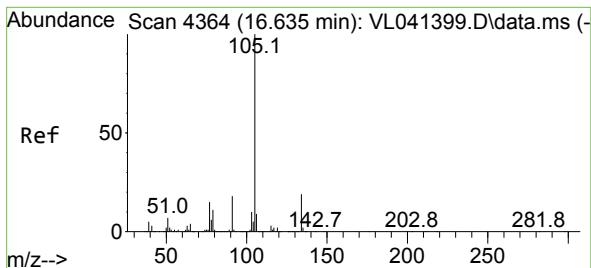
Delta R.T. -0.007 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Tgt Ion: 91	Resp:	120
Ion Ratio	Lower	Upper
91	100	
126	0.0	13.8 20.8#
128	0.0	4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.007 ppbv

RT: 16.651 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

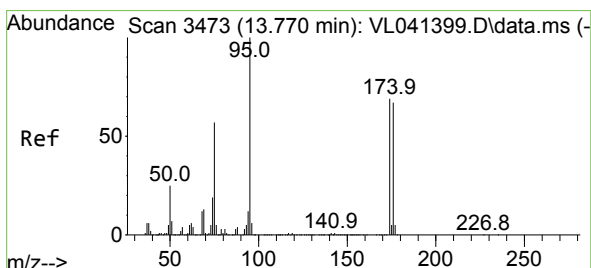
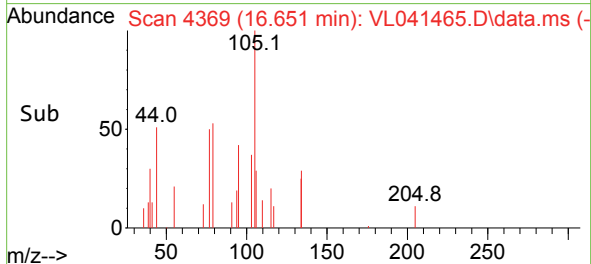
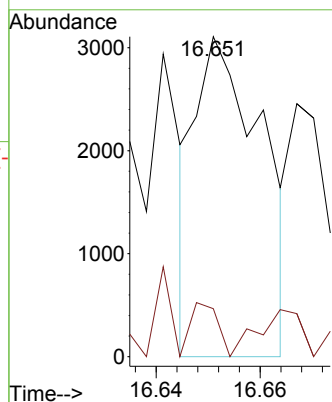
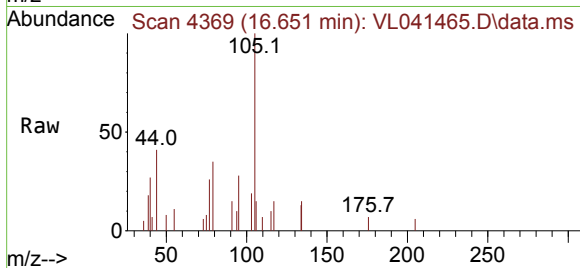
ClientSampleId :

Tgt Ion:105 Resp: 2766

Ion Ratio Lower Upper

105 100

134 29.6 14.5 21.7#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.098 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. 0.003 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

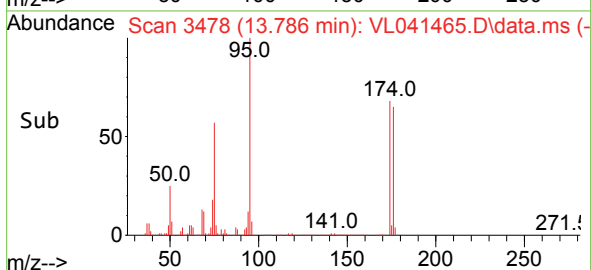
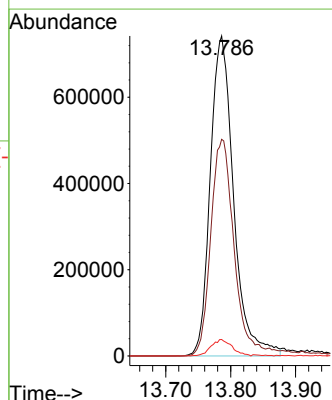
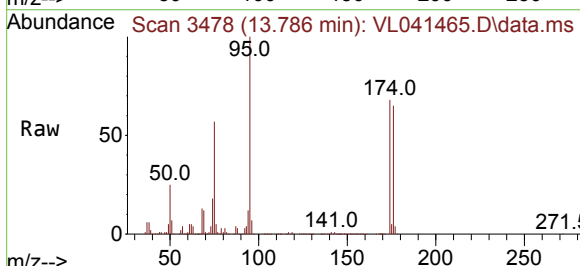
Tgt Ion: 95 Resp: 1849635

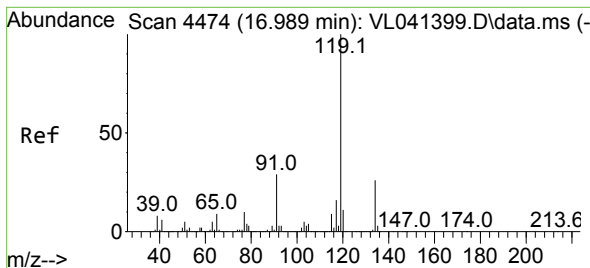
Ion Ratio Lower Upper

95 100

174 70.7 56.3 84.5

175 4.9 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.003 ppbv

RT: 17.011 min Scan# 44

Delta R.T. 0.010 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

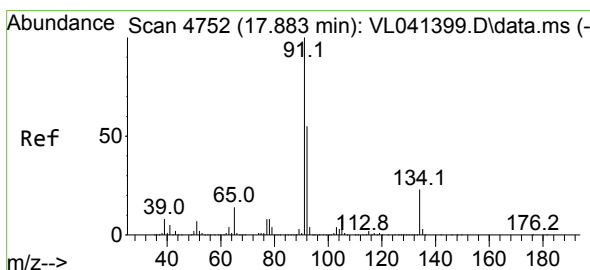
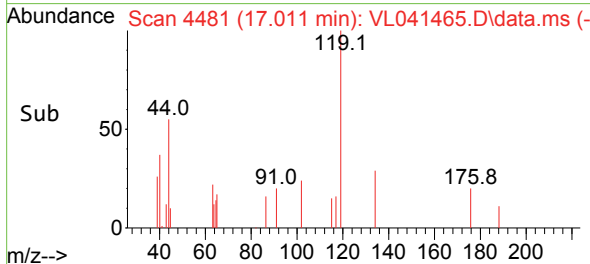
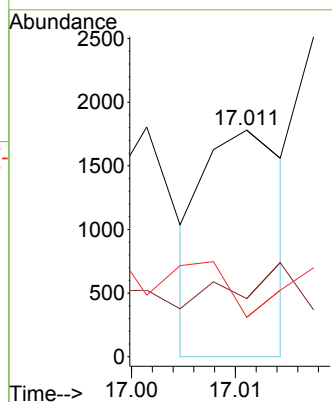
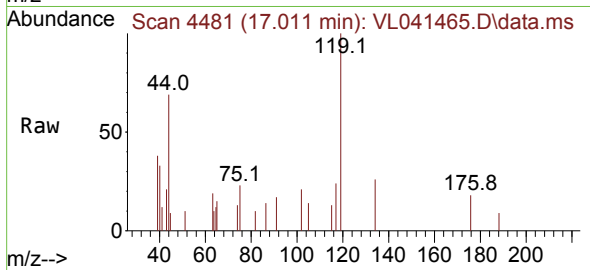
Tgt Ion:119 Resp: 959

Ion Ratio Lower Upper

119 100

134 0.0 20.5 30.7#

91 0.0 23.2 34.8#



#70

n-Butylbenzene

Concen: 0.006 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.010 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

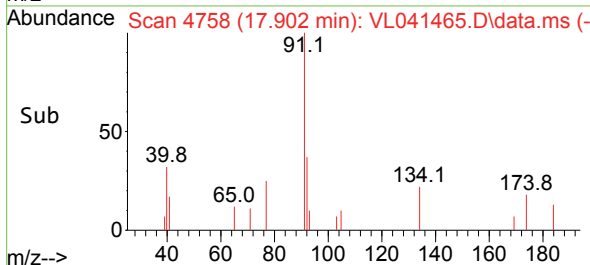
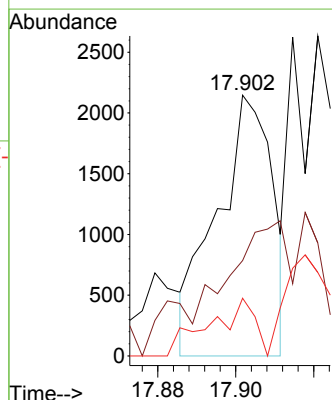
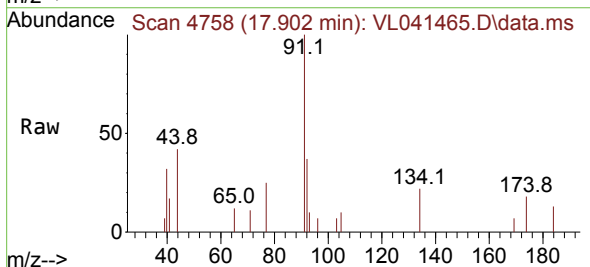
Tgt Ion: 91 Resp: 2142

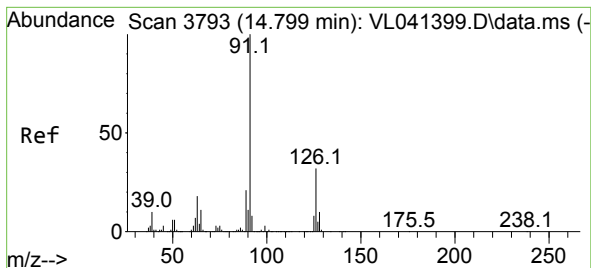
Ion Ratio Lower Upper

91 100

92 0.0 43.2 64.8#

134 0.0 18.5 27.7#

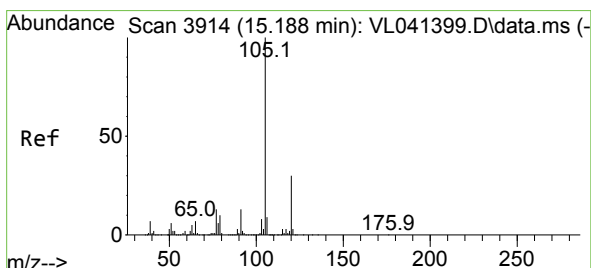
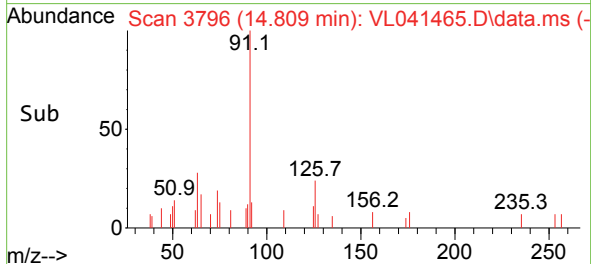
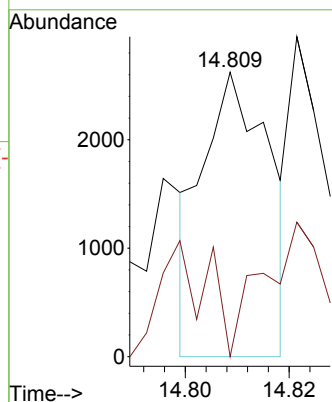
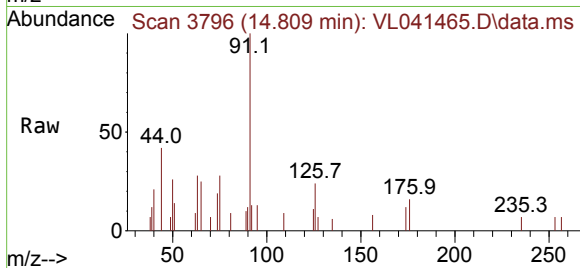




#71
2-Chlorotoluene
Concen: 0.009 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

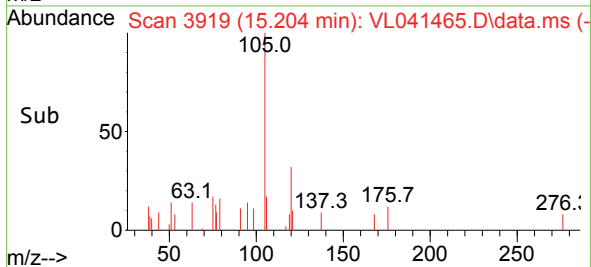
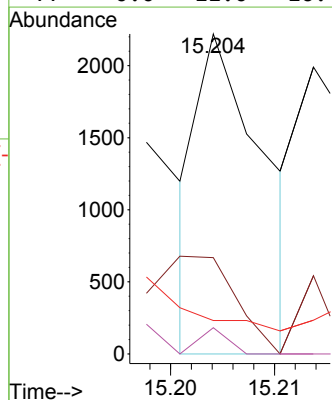
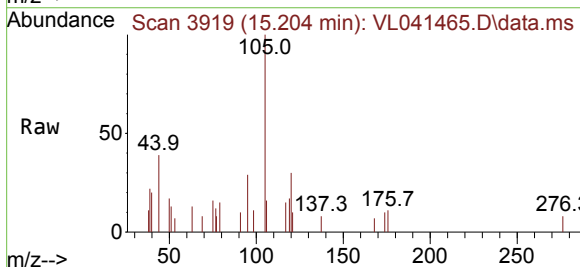
Instrument :
MSVOA_L
ClientSampleId :

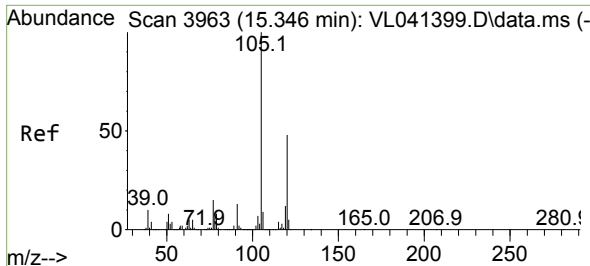
Tgt Ion: 91 Resp: 2331
Ion Ratio Lower Upper
91 100
126 0.0 12.7 50.9#



#72
4-Ethyltoluene
Concen: 0.004 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.006 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

Tgt Ion:105 Resp: 968
Ion Ratio Lower Upper
105 100
120 131.2 24.2 36.2#
91 69.5 10.4 15.6#
77 0.0 11.0 16.4#

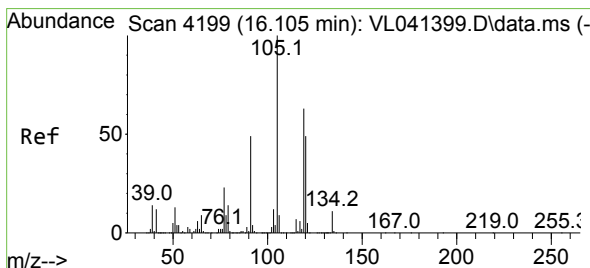
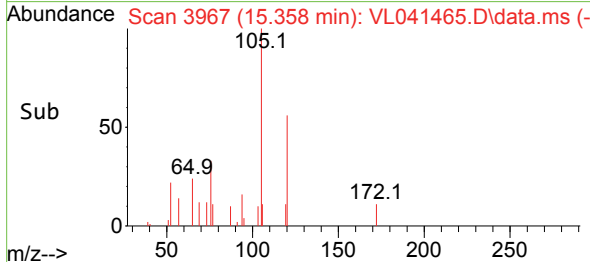
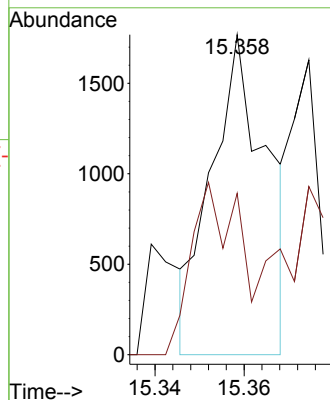
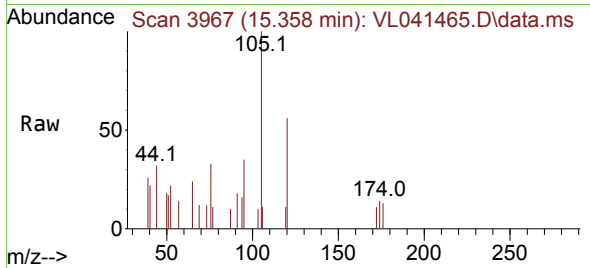




#73
 1,3,5-Trimethylbenzene
 Concen: 0.007 ppbv
 RT: 15.358 min Scan# 3967
 Delta R.T. -0.000 min
 Lab File: VL041465.D
 Acq: 31 Jul 2024 16:17

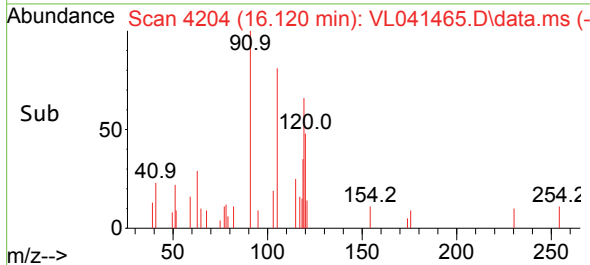
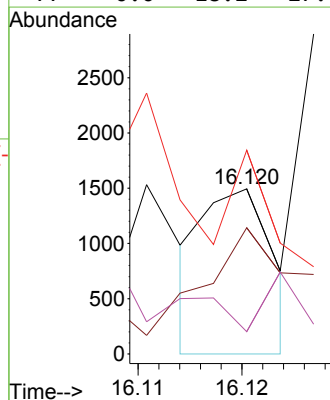
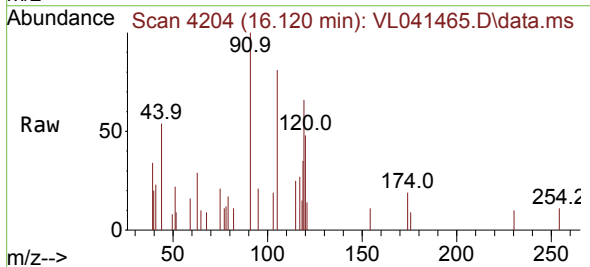
Instrument :
 MSVOA_L
 ClientSampleId :

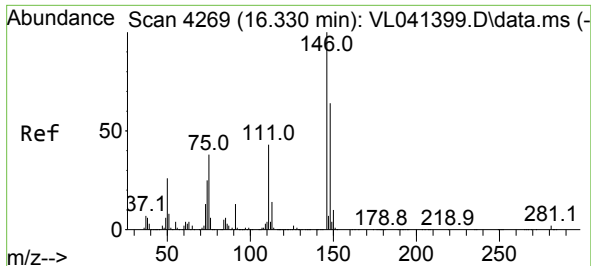
Tgt Ion:105 Resp: 1512
 Ion Ratio Lower Upper
 105 100
 120 52.0 38.6 57.8



#74
 1,2,4-Trimethylbenzene
 Concen: 0.003 ppbv
 RT: 16.120 min Scan# 4204
 Delta R.T. 0.003 min
 Lab File: VL041465.D
 Acq: 31 Jul 2024 16:17

Tgt Ion:105 Resp: 698
 Ion Ratio Lower Upper
 105 100
 120 79.7 39.5 59.3#
 91 113.3 39.8 59.8#
 77 0.0 18.2 27.4#

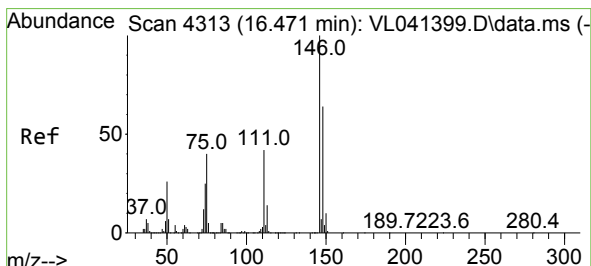
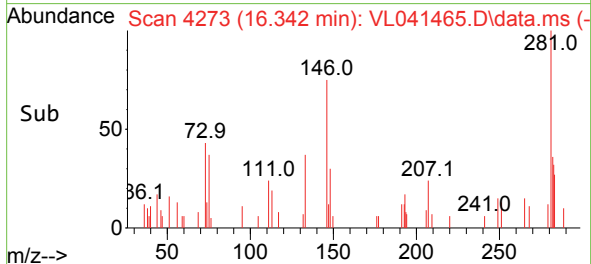
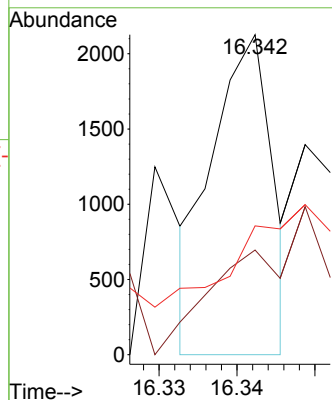
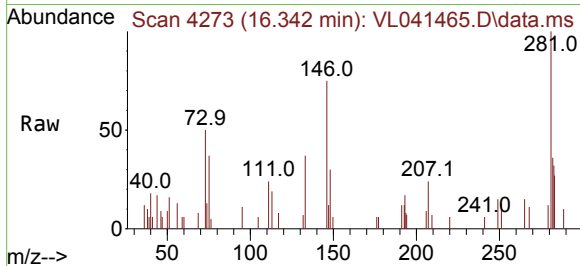




#75
1,3-Dichlorobenzene
Concen: 0.007 ppbv
RT: 16.342 min Scan# 4316
Delta R.T. 0.003 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

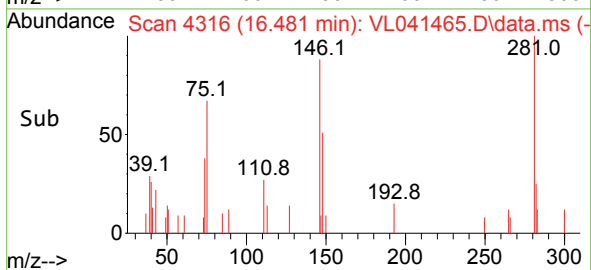
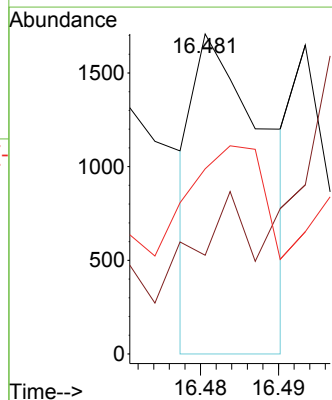
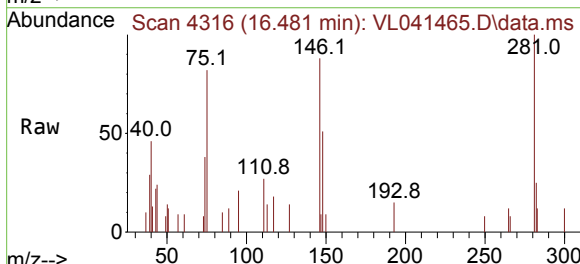
Instrument :
MSVOA_L
ClientSampleId :

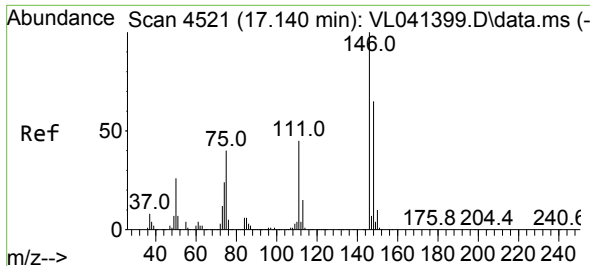
Tgt Ion:146 Resp: 1144
Ion Ratio Lower Upper
146 100
111 0.0 22.6 67.8#
148 0.0 32.3 96.8#



#76
1,4-Dichlorobenzene
Concen: 0.007 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. -0.000 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

Tgt Ion:146 Resp: 1075
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.0#
148 273.0 33.1 99.5#

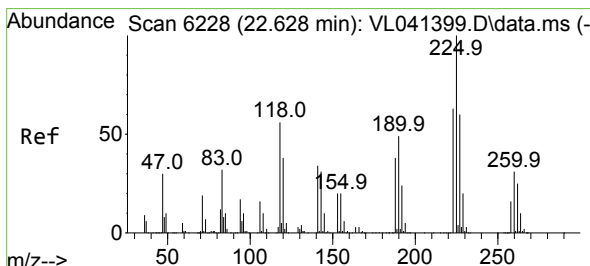
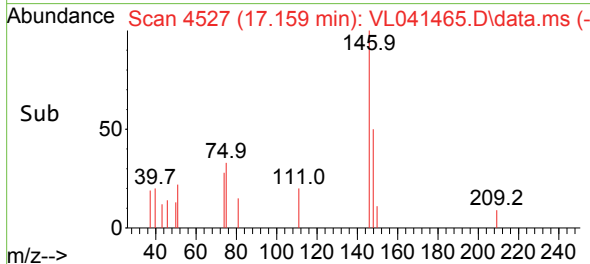
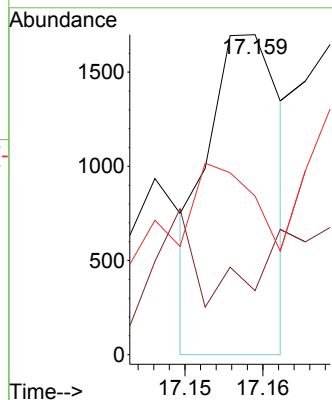
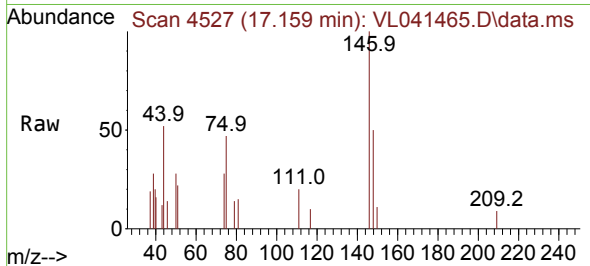




#77
1,2-Dichlorobenzene
Concen: 0.007 ppbv
RT: 17.159 min Scan# 411
Delta R.T. 0.010 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

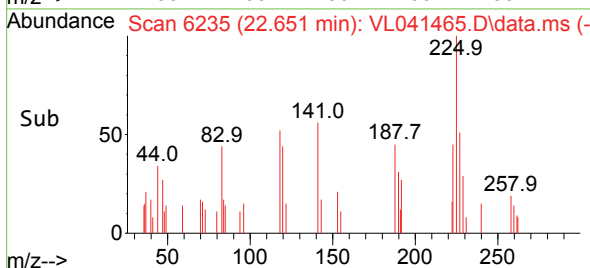
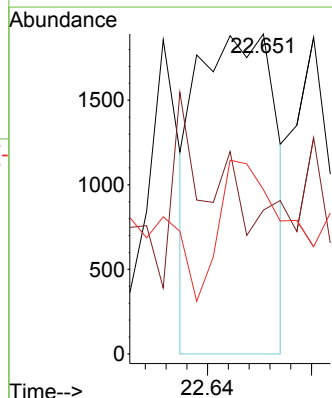
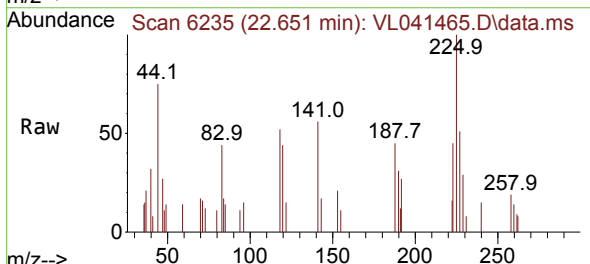
Instrument :
MSVOA_L
ClientSampleId :

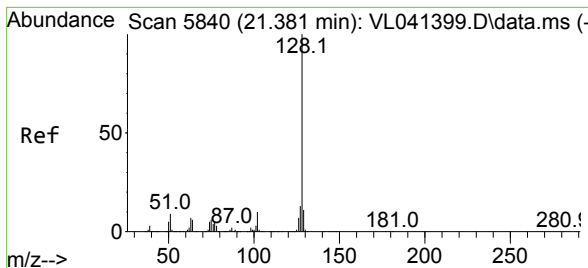
Tgt Ion:146 Resp: 1104
Ion Ratio Lower Upper
146 100
111 0.0 23.4 70.0#
148 0.0 32.2 96.6#



#78
Hexachloro-1,3-Butadiene
Concen: 0.014 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. 0.013 min
Lab File: VL041465.D
Acq: 31 Jul 2024 16:17

Tgt Ion:225 Resp: 1969
Ion Ratio Lower Upper
225 100
223 0.0 50.6 76.0#
227 145.4 50.8 76.2#





#79

Naphthalene

Concen: 0.004 ppbv

RT: 21.400 min Scan# 5846

Delta R.T. 0.010 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

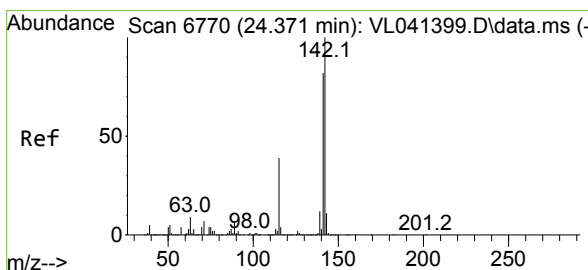
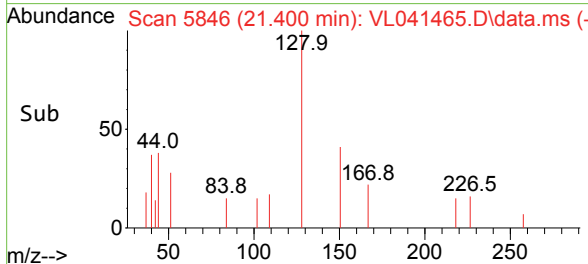
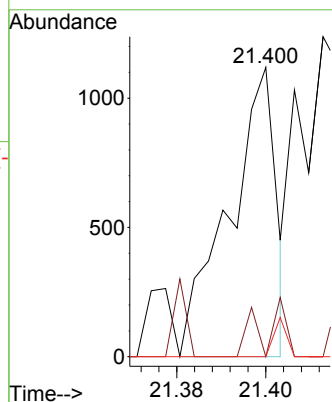
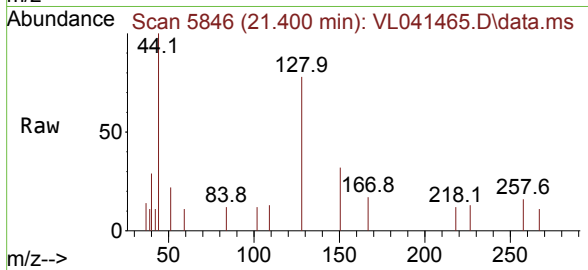
Tgt Ion:128 Resp: 823

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: 0.002 ppbv

RT: 24.477 min Scan# 6803

Delta R.T. 0.100 min

Lab File: VL041465.D

Acq: 31 Jul 2024 16:17

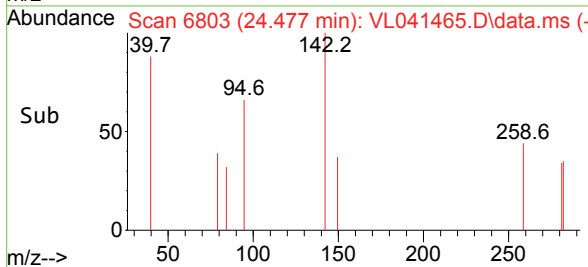
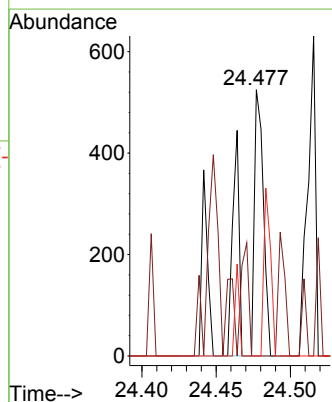
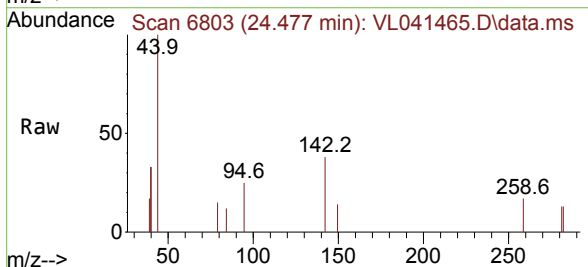
Tgt Ion:142 Resp: 456

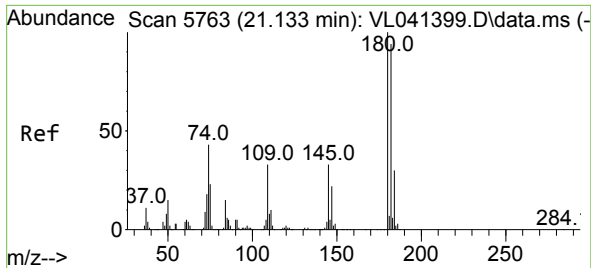
Ion Ratio Lower Upper

142 100

141 23.2 67.0 100.4#

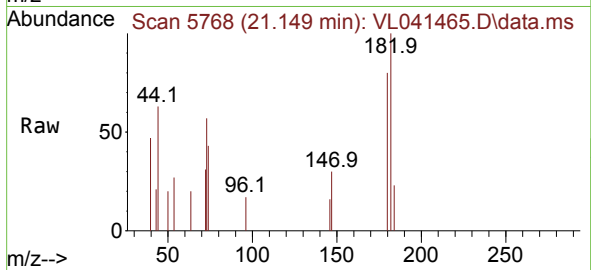
115 30.5 32.2 48.2#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.005 ppbv
 RT: 21.149 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041465.D
 Acq: 31 Jul 2024 16:17

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	180	Resp:	761
Ion	Ratio	Lower	Upper
180	100		
182	366.8	76.7	115.1#
184	0.0	24.5	36.7#

