

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041459.D
 Acq On : 31 Jul 2024 12:14
 Operator : SY/MD
 Sample : P3390-13 0.40 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 01 03:54:22 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	977309	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2715595	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2521211	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1956162	10.082	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	86423	0.514	ppbv	92
3) Chlorodifluoromethane	2.677	51	52077	0.448	ppbv	99
4) Chloromethane	2.819	50	28646	0.463	ppbv	97
5) Vinyl Chloride	2.928	62	25801	0.423	ppbv #	86
6) Bromomethane	3.124	94	11859	0.378	ppbv	97
7) Chloroethane	3.202	64	10137	0.482	ppbv #	81
8) Dichlorotetrafluoroethane	2.861	85	67883	0.456	ppbv	100
9) Propene	2.700	41	21108	0.395	ppbv	87
10) Heptane	7.587	43	21478	0.179	ppbv #	22
11) Trichlorofluoromethane	3.568	101	64250	0.430	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.070	101	46801	0.435	ppbv	96
13) Ethanol	3.256	45	337	0.071	ppbv #	41
14) Bromoethene	3.372	108	15678	0.374	ppbv #	90
15) Acetone	3.488	43	54386	0.490	ppbv	98
16) 1,3-Butadiene	2.989	39	19947	0.336	ppbv #	79
17) tert-Butyl alcohol	3.896	59	39520	0.390	ppbv #	91
18) 1,1-Dichloroethene	3.890	96	7671	0.167	ppbv	87
19) Isopropyl Alcohol	3.597	45	21645	0.333	ppbv #	83
20) Methylene Chloride	3.935	84	21661	0.523	ppbv #	90
21) Allyl Chloride	4.002	41	27116	0.372	ppbv	96
22) trans-1,2-Dichloroethene	4.452	96	17491	0.380	ppbv	99
23) Vinyl Acetate	4.639	43	30220	0.356	ppbv #	89
24) 1,1-Dichloroethane	4.565	63	42270	0.423	ppbv	96
25) Ethyl Acetate	5.214	43	82786	0.375	ppbv	98
26) Hexane	5.214	57	19889	0.217	ppbv #	1
27) Carbon Disulfide	4.131	76	29307	0.274	ppbv #	62
28) Methyl tert-Butyl Ether	4.600	73	20509	0.355	ppbv #	85
29) Chloroform	5.275	83	65829	0.441	ppbv	97
30) Cyclohexane	6.600	84	12912	0.173	ppbv #	4
31) cis-1,2-Dichloroethene	5.083	61	33592	0.372	ppbv	97
32) 1,1,1-Trichloroethane	6.002	97	56280	0.387	ppbv	97
34) 2-Butanone	4.806	43	47319	0.360	ppbv	95
35) Carbon Tetrachloride	6.500	117	55493	0.370	ppbv	88
36) Benzene	6.375	78	72002	0.363	ppbv	98
37) 1,2-Dichloroethane	5.809	62	45935	0.414	ppbv #	96
38) Trichloroethene	7.291	130	32185	0.354	ppbv	90
39) 1,2-Dichloropropane	7.073	63	31473	0.414	ppbv	90
40) 1,4-Dioxane	7.291	88	166	0.005	ppbv #	1
41) Tetrahydrofuran	5.587	42	17088	0.227	ppbv #	73
42) Bromodichloromethane	7.253	83	57456	0.358	ppbv	92
43) Methyl Methacrylate	7.484	69	12641	0.178	ppbv #	14
44) 2,2,4-Trimethylpentane	7.330	57	116805	0.352	ppbv #	87
45) t-1,3-Dichloropropene	8.729	75	3704	0.057	ppbv	90

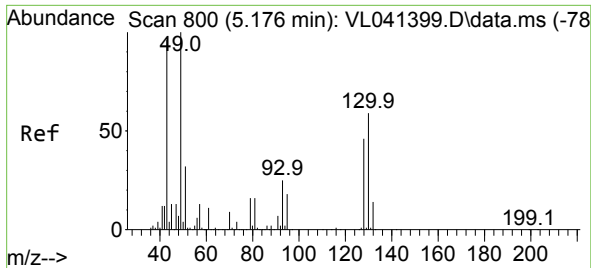
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041459.D
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Quant Time: Aug 01 03:54:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 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	21792	0.230	ppbv	99
47) 1,1,2-Trichloroethane	8.902	97	33433	0.399	ppbv	90
48) Dibromochloromethane	9.713	129	8501	0.063	ppbv #	1
49) Bromoform	12.404	173	15001	0.132	ppbv #	27
50) 4-Methyl-2-Pentanone	8.201	43	31797	0.153	ppbv #	40
51) 2-Hexanone	9.545	43	839	0.005	ppbv #	30
52) Tetrachloroethene	10.619	164	15759	0.206	ppbv #	86
53) Toluene	9.224	91	67742	0.306	ppbv	99
54) 1,2-Dibromoethane	10.008	107	18177	0.163	ppbv	83
56) 1,1,1,2-Tetrachloroethane	11.510	131	24287	0.248	ppbv #	3
57) Chlorobenzene	11.532	112	47398	0.264	ppbv	92
58) Ethyl Benzene	12.092	91	97399	0.335	ppbv	94
59) m/p-Xylene	12.381	91	49930	0.199	ppbv #	31
60) o-Xylene	13.063	91	75966	0.320	ppbv	97
61) Styrene	12.902	104	14996	0.140	ppbv #	30
62) Isopropylbenzene	14.034	105	131414	0.364	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.053	83	62319	0.416	ppbv	93
64) n-propylbenzene	14.921	120	26142	0.277	ppbv #	30
65) tert-Butylbenzene	16.101	119	106094	0.326	ppbv	91
66) Benzyl Chloride	16.336	91	1703	0.081	ppbv #	38
67) sec-Butylbenzene	16.642	105	92910	0.207	ppbv #	67
69) p-Isopropyltoluene	17.005	119	114318	0.307	ppbv	95
70) n-Butylbenzene	17.895	91	68345	0.179	ppbv #	49
71) 2-Chlorotoluene	14.806	91	92272	0.347	ppbv	100
72) 4-Ethyltoluene	15.195	105	85510	0.306	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.362	105	74423	0.309	ppbv	90
74) 1,2,4-Trimethylbenzene	16.117	105	26041	0.093	ppbv	95
75) 1,3-Dichlorobenzene	16.339	146	44096	0.251	ppbv #	55
76) 1,4-Dichlorobenzene	16.478	146	56542	0.332	ppbv	87
77) 1,2-Dichlorobenzene	17.153	146	33736	0.193	ppbv #	14
78) Hexachloro-1,3-Butadiene	22.635	225	31158	0.210	ppbv #	19
79) Naphthalene	21.394	128	28360	0.115	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	15657	0.076	ppbv #	72
81) 1,2,4-Trichlorobenzene	21.149	180	1949	0.013	ppbv #	12

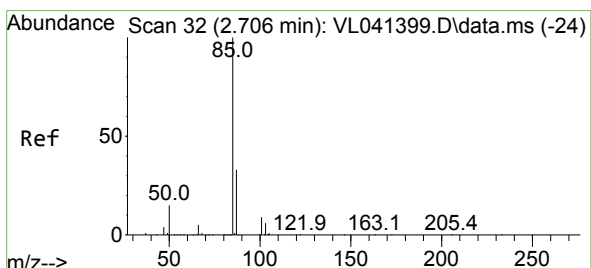
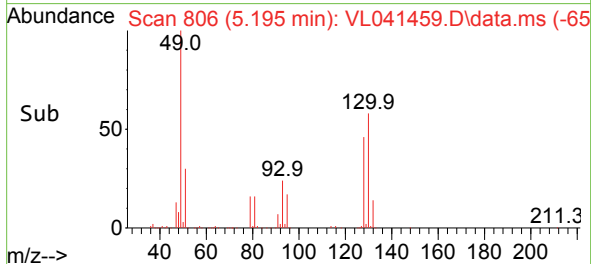
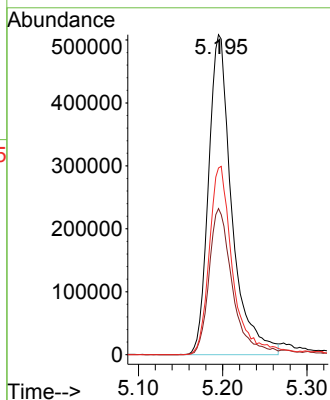
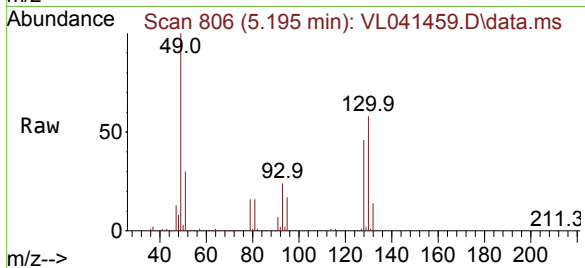
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

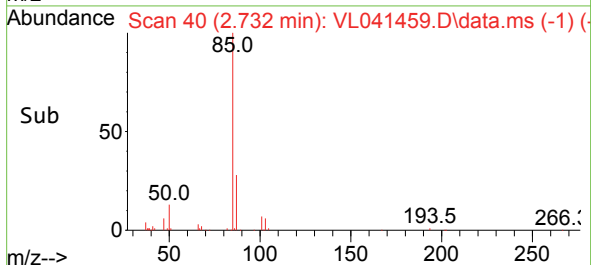
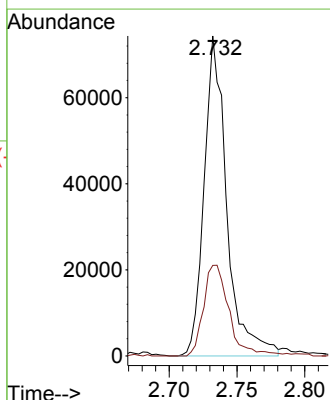
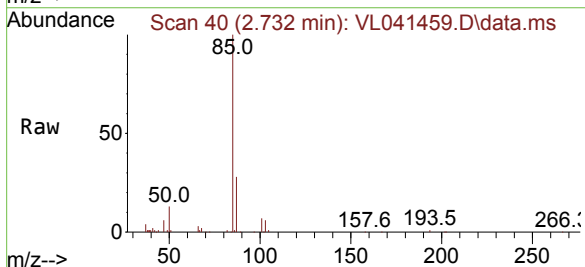
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MSVOA_L
ClientSampleId :

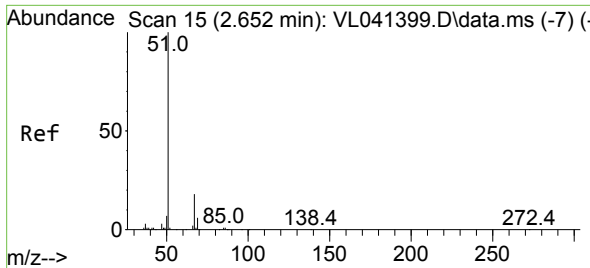
Tgt Ion: 49 Resp: 977309
Ion Ratio Lower Upper
49 100
128 48.0 23.8 71.4
130 61.0 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 0.514 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 85 Resp: 86423
Ion Ratio Lower Upper
85 100
87 28.3 26.0 39.0

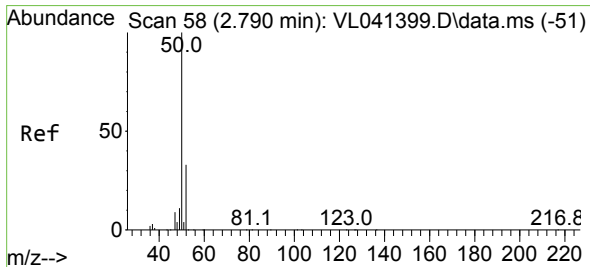
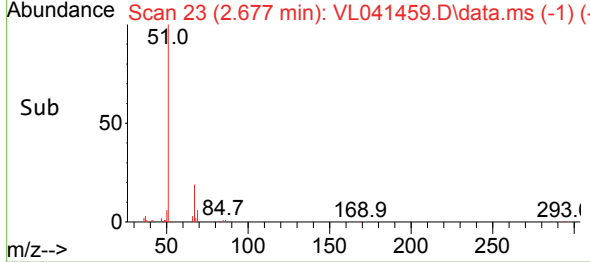
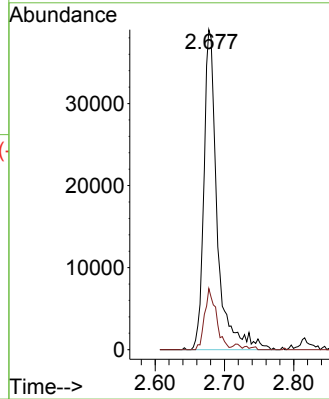
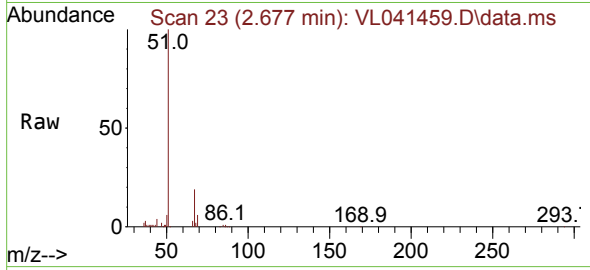




#3
Chlorodifluoromethane
Concen: 0.448 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

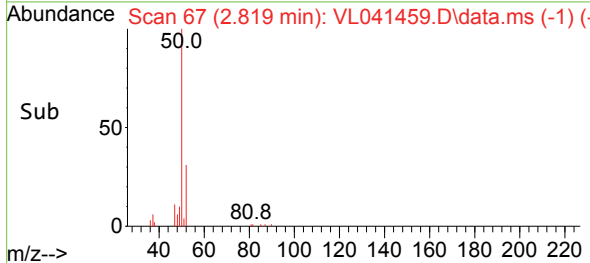
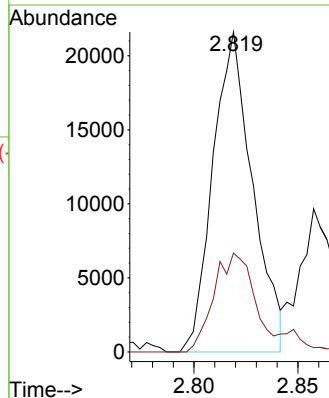
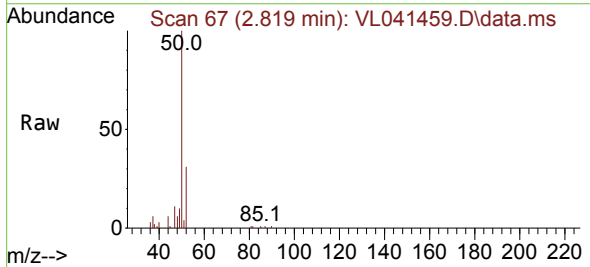
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ClientSampleId :

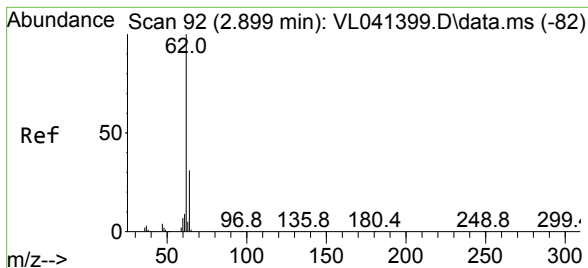
Tgt Ion: 51 Resp: 52077
Ion Ratio Lower Upper
51 100
67 18.5 14.5 21.7



#4
Chloromethane
Concen: 0.463 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.007 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 50 Resp: 28646
Ion Ratio Lower Upper
50 100
52 30.9 26.1 39.1

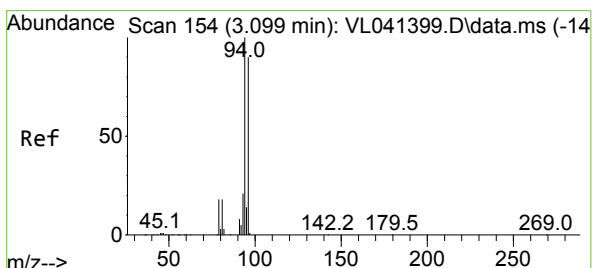
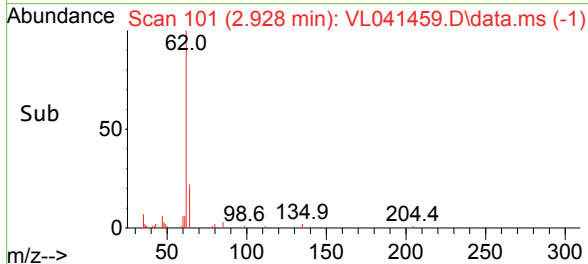
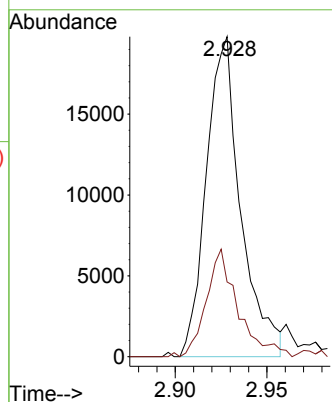
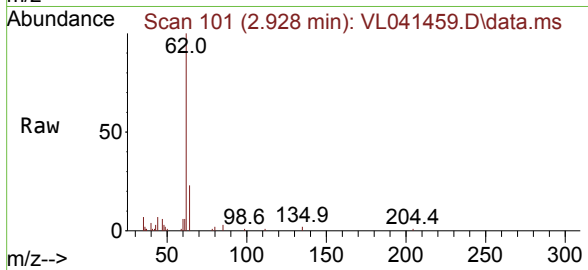




#5
 Vinyl Chloride
 Concen: 0.423 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.007 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

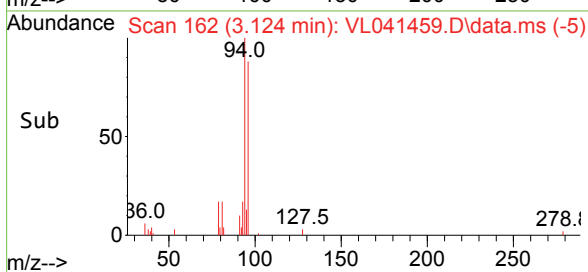
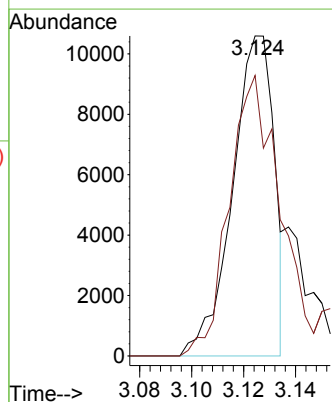
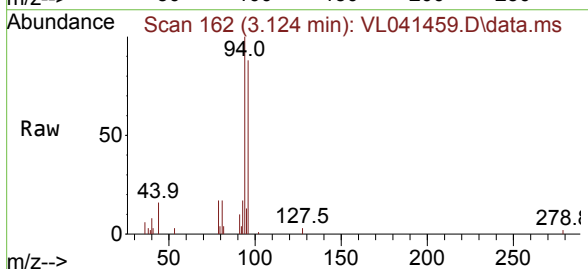
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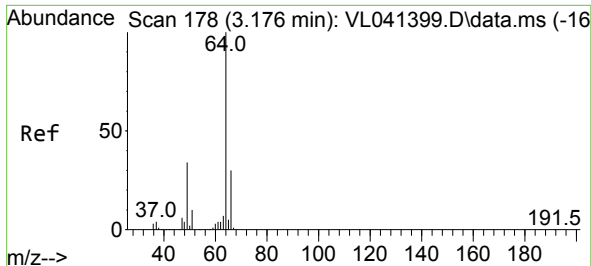
Tgt Ion: 62 Resp: 25801
 Ion Ratio Lower Upper
 62 100
 64 23.3 25.0 37.4#



#6
 Bromomethane
 Concen: 0.378 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

Tgt Ion: 94 Resp: 11859
 Ion Ratio Lower Upper
 94 100
 96 87.7 72.3 108.5

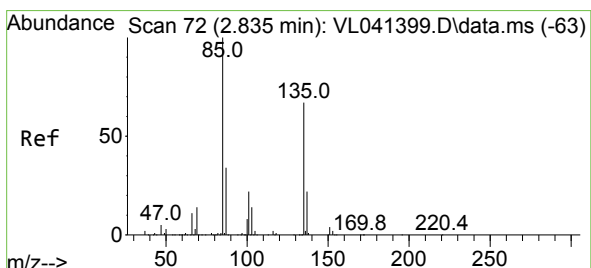
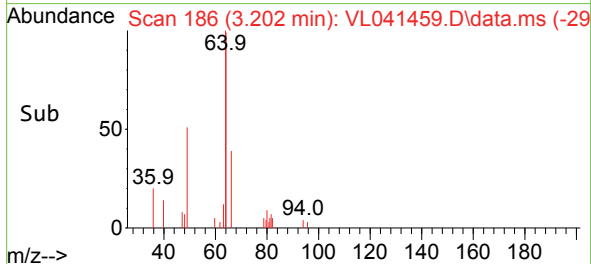
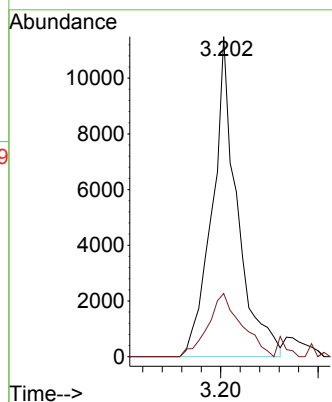
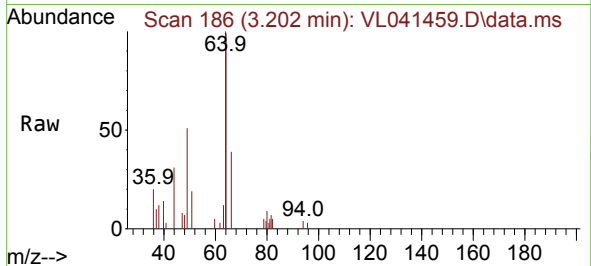




#7
Chloroethane
Concen: 0.482 ppbv
RT: 3.202 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

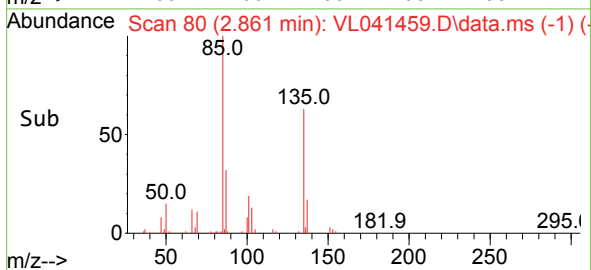
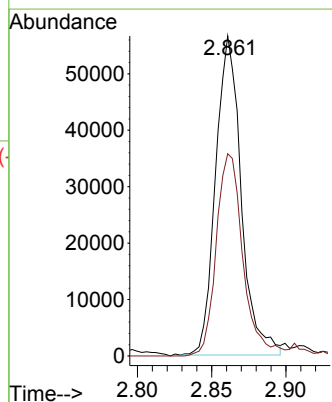
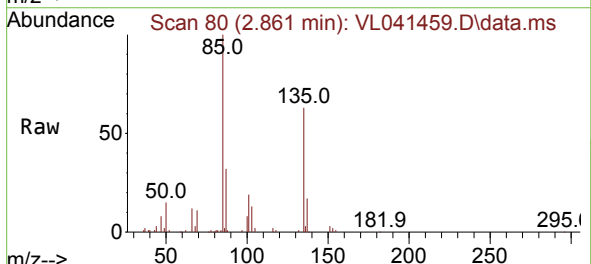
Instrument :
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ClientSampleId :

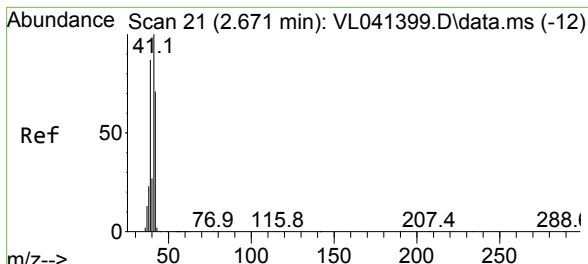
Tgt Ion: 64 Resp: 10137
Ion Ratio Lower Upper
64 100
66 19.7 24.2 36.2#



#8
Dichlorotetrafluoroethane
Concen: 0.456 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 85 Resp: 67883
Ion Ratio Lower Upper
85 100
135 69.5 55.4 83.0

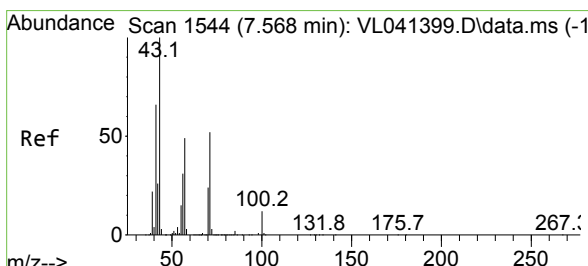
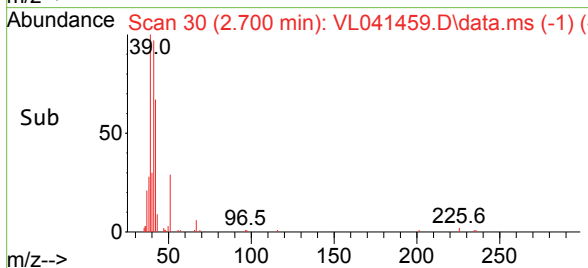
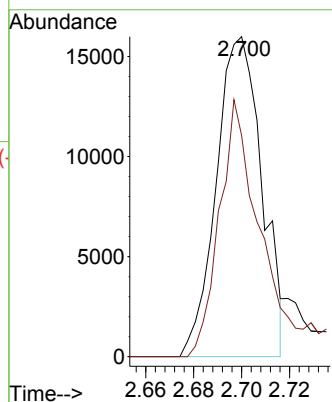
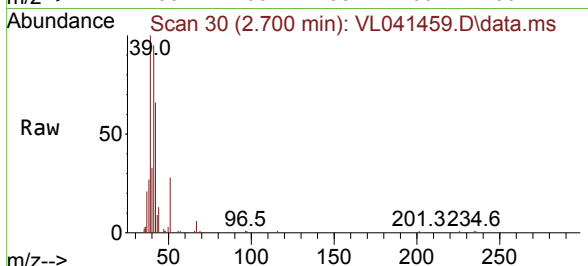




#9
 Propene
 Concen: 0.395 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. 0.007 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

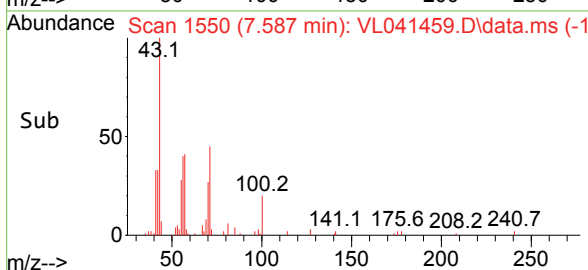
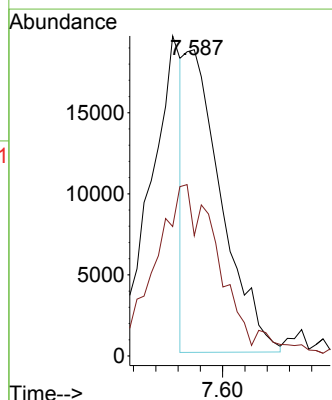
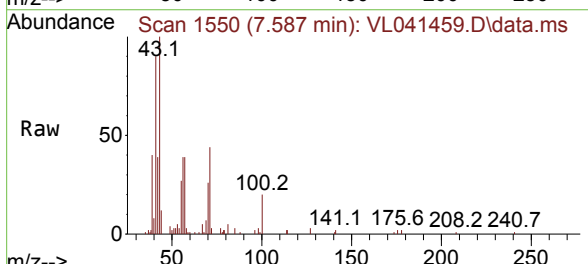
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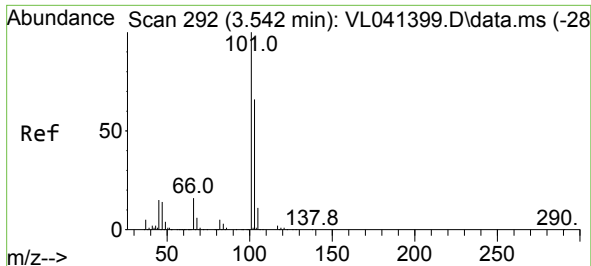
Tgt Ion: 41 Resp: 21108
 Ion Ratio Lower Upper
 41 100
 42 80.2 55.9 83.9



#10
 Heptane
 Concen: 0.179 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. 0.003 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

Tgt Ion: 43 Resp: 21478
 Ion Ratio Lower Upper
 43 100
 57 104.8 40.5 60.7#

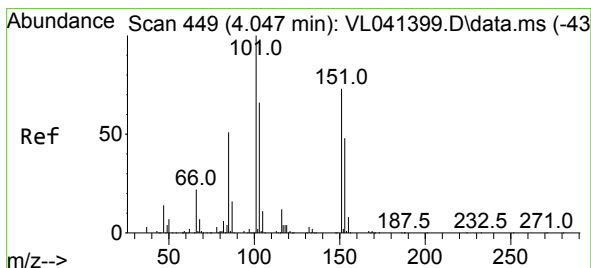
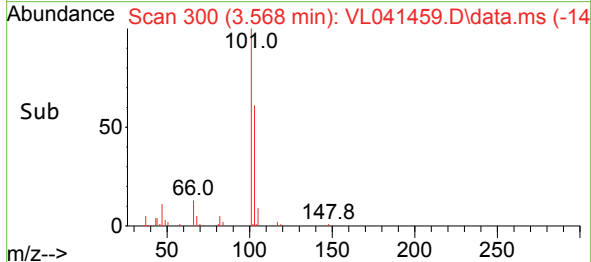
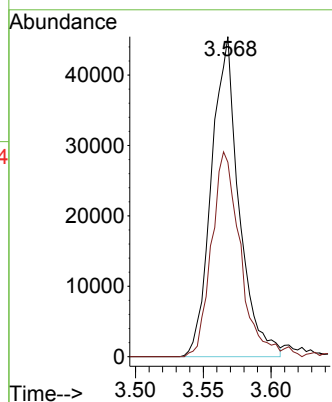
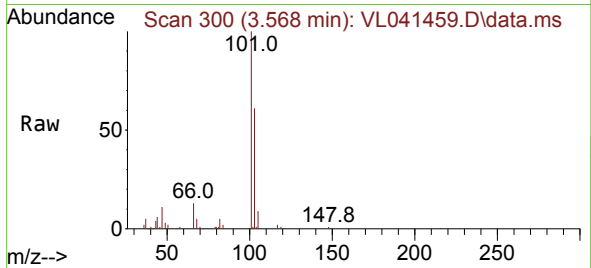




#11
 Trichlorofluoromethane
 Concen: 0.430 ppbv
 RT: 3.568 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

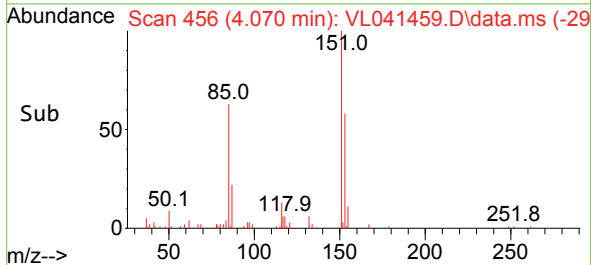
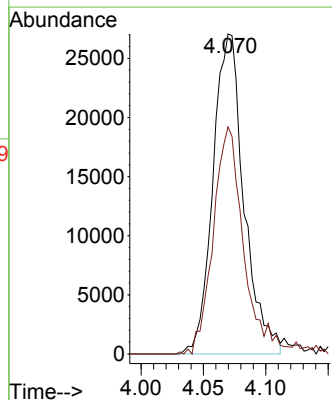
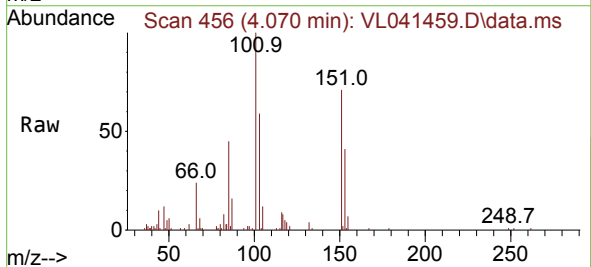
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 ClientSampleId :

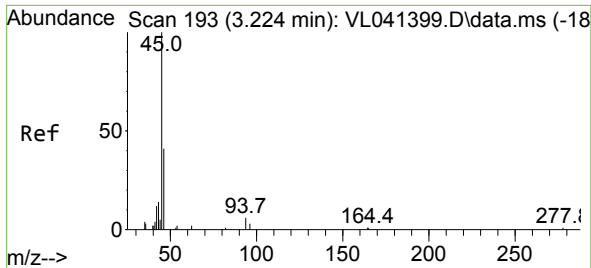
Tgt Ion:101 Resp: 64250
 Ion Ratio Lower Upper
 101 100
 103 60.7 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.435 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.003 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

Tgt Ion:101 Resp: 46801
 Ion Ratio Lower Upper
 101 100
 151 71.3 59.4 89.2

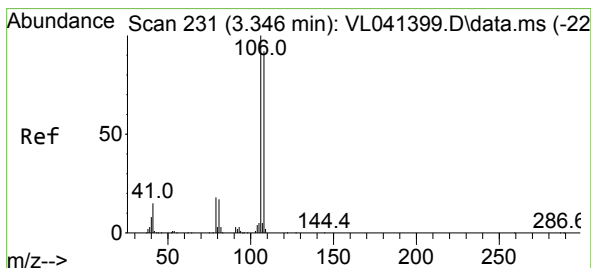
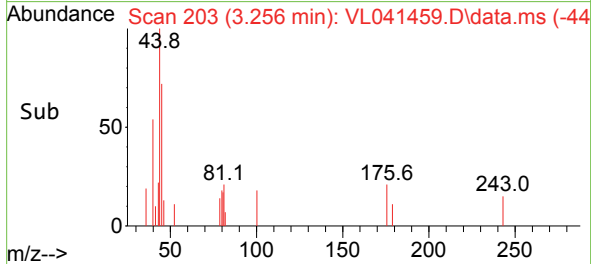
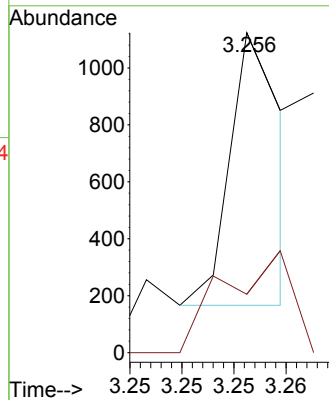
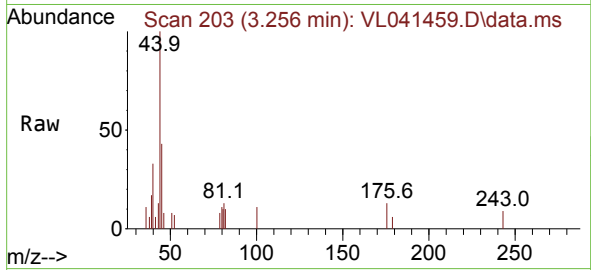




#13
Ethanol
Concen: 0.071 ppbv
RT: 3.256 min Scan# 203
Delta R.T. 0.010 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

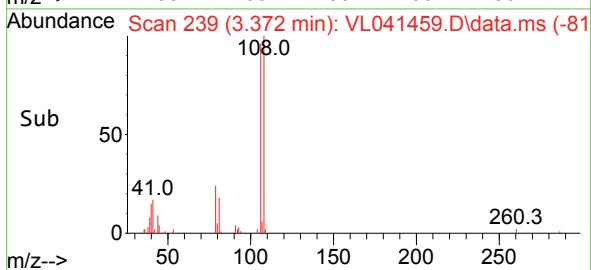
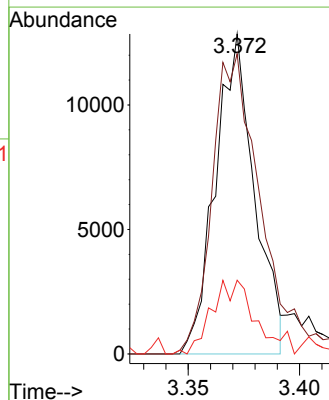
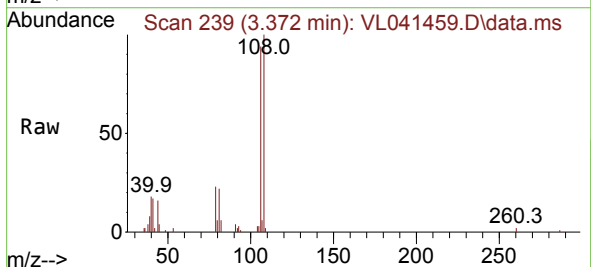
Instrument :
MSVOA_L
ClientSampleId :

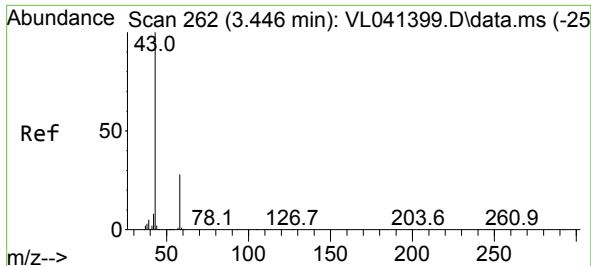
Tgt Ion: 45 Resp: 337
Ion Ratio Lower Upper
45 100
46 0.0 13.4 53.4#



#14
Bromoethene
Concen: 0.374 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.007 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion:108 Resp: 15678
Ion Ratio Lower Upper
108 100
106 116.5 86.9 130.3
79 30.2 16.2 24.4#





#15

Acetone

Concen: 0.490 ppbv

RT: 3.488 min Scan# 21

Delta R.T. 0.019 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

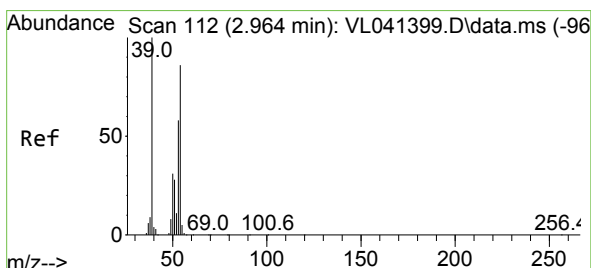
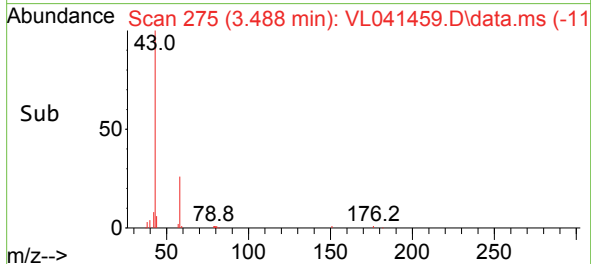
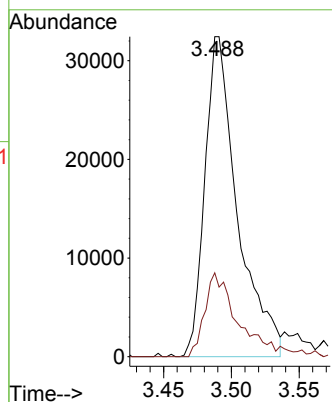
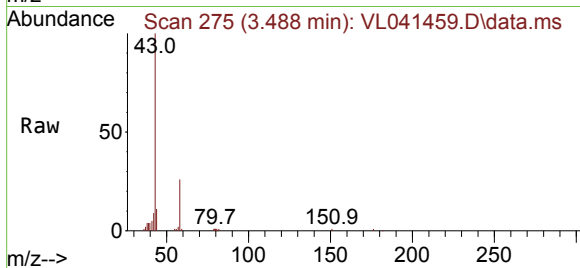
ClientSampleId :

Tgt Ion: 43 Resp: 54386

Ion Ratio Lower Upper

43 100

58 27.7 21.4 32.2



#16

1,3-Butadiene

Concen: 0.336 ppbv

RT: 2.989 min Scan# 120

Delta R.T. 0.003 min

Lab File: VL041459.D

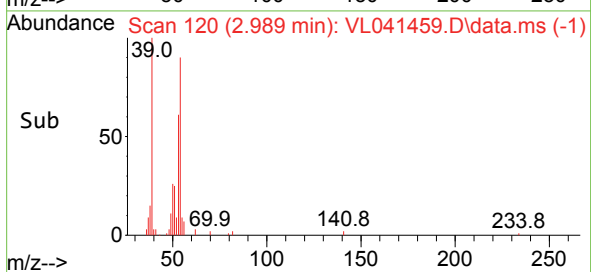
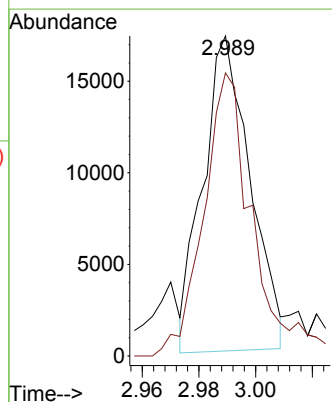
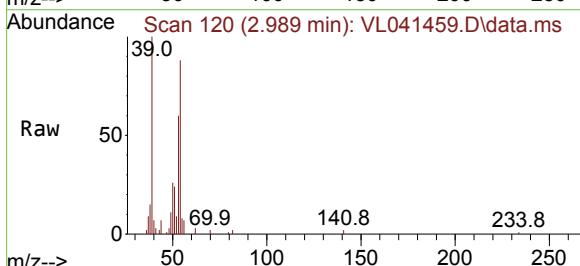
Acq: 31 Jul 2024 12:14

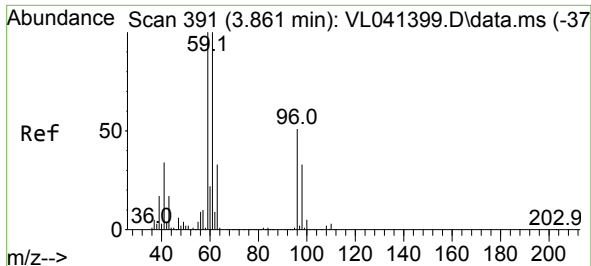
Tgt Ion: 39 Resp: 19947

Ion Ratio Lower Upper

39 100

54 96.5 62.5 93.7#

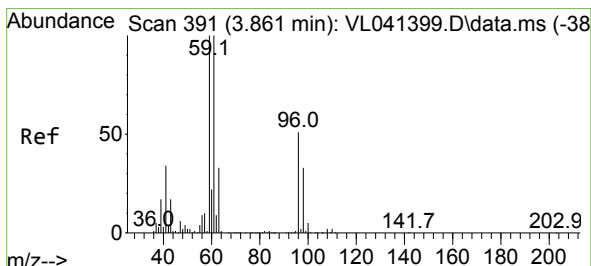
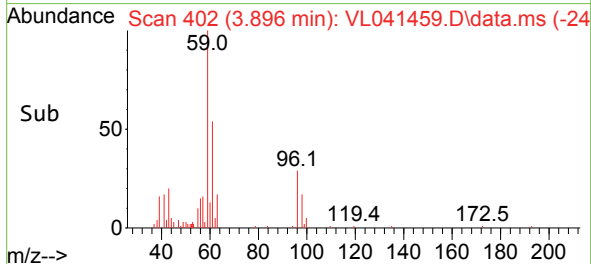
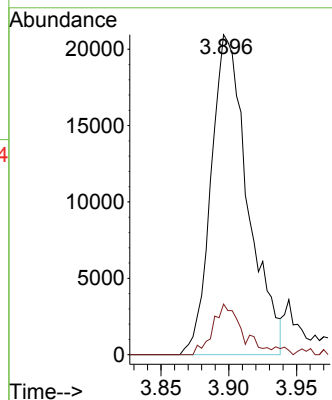
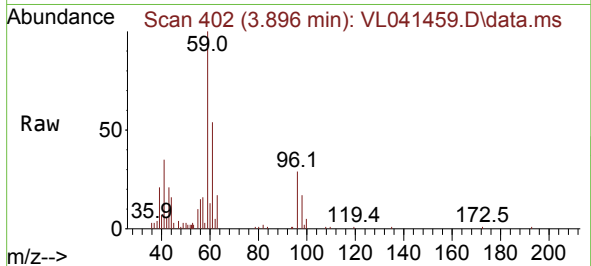




#17
tert-Butyl alcohol
Concen: 0.390 ppbv
RT: 3.896 min Scan# 400
Delta R.T. 0.019 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

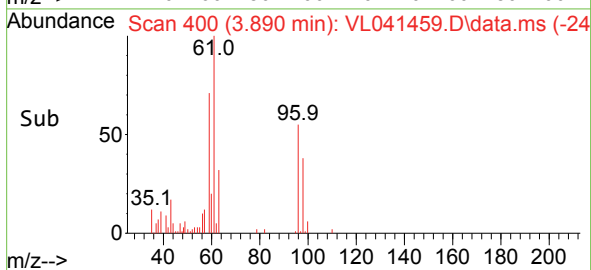
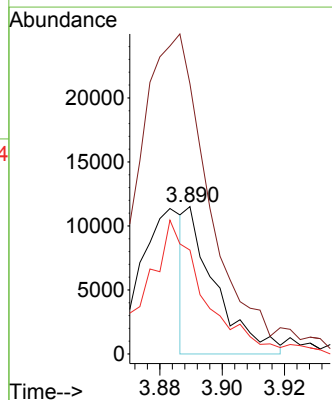
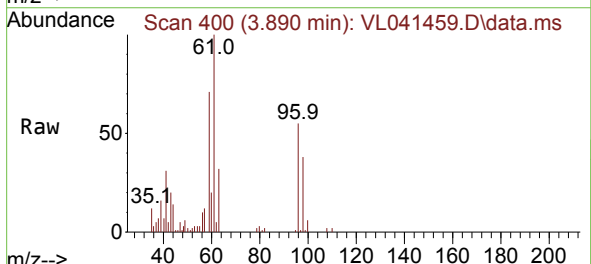
Instrument :
MSVOA_L
ClientSampleId :

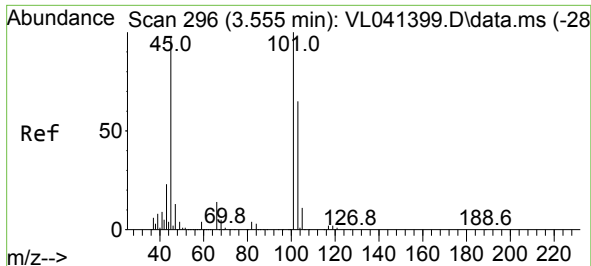
Tgt Ion: 59 Resp: 39520
Ion Ratio Lower Upper
59 100
57 14.2 8.6 12.8#



#18
1,1-Dichloroethene
Concen: 0.167 ppbv
RT: 3.890 min Scan# 400
Delta R.T. 0.010 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 96 Resp: 7671
Ion Ratio Lower Upper
96 100
61 175.6 157.5 236.3
98 70.3 51.2 76.8





#19

Isopropyl Alcohol

Concen: 0.333 ppbv

RT: 3.597 min Scan# 309

Delta R.T. 0.023 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

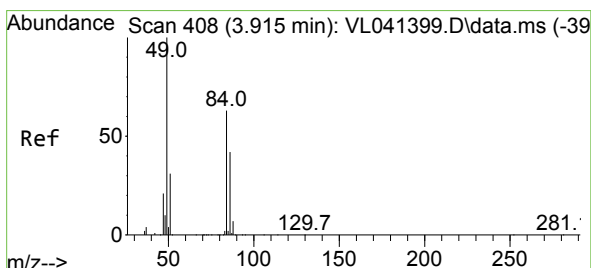
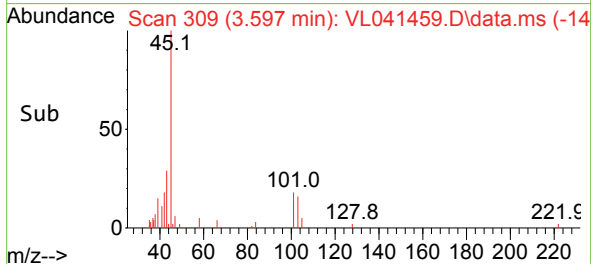
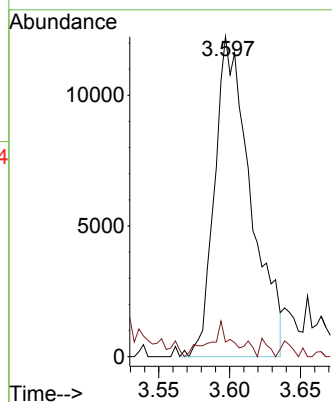
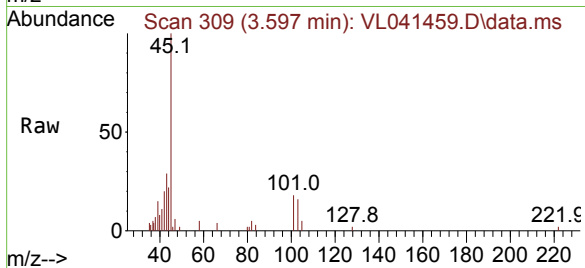
ClientSampleId :

Tgt Ion: 45 Resp: 21645

Ion Ratio Lower Upper

45 100

58 8.3 1.9 2.9#



#20

Methylene Chloride

Concen: 0.523 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.000 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Tgt Ion: 84 Resp: 21661

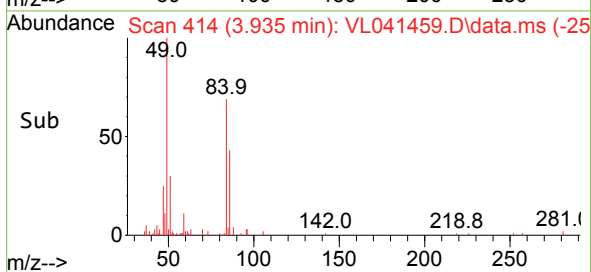
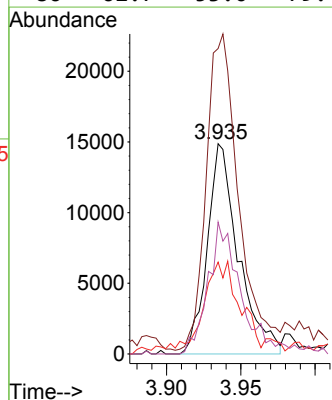
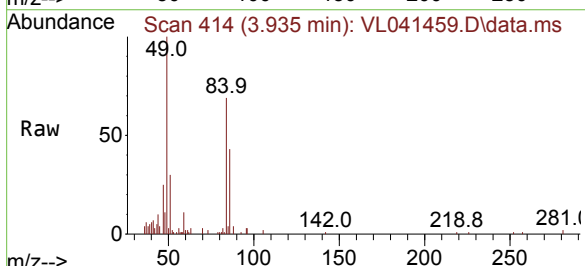
Ion Ratio Lower Upper

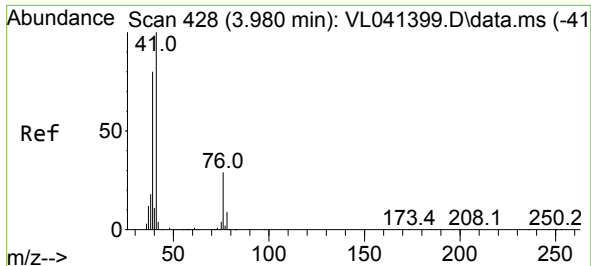
84 100

49 142.9 126.6 190.0

51 38.3 38.6 58.0#

86 62.7 53.0 79.4

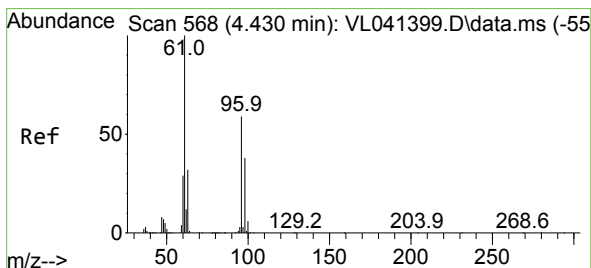
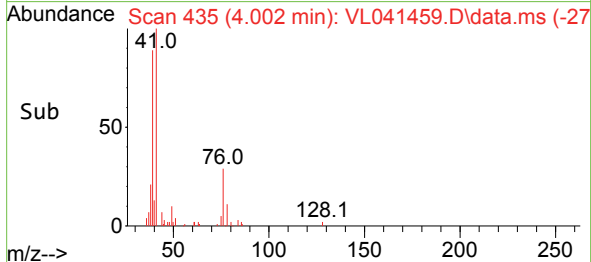
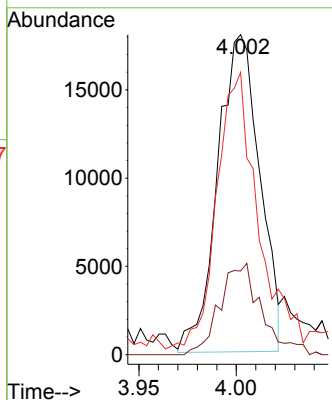
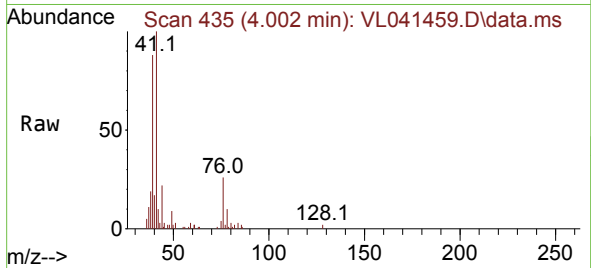




#21
 Allyl Chloride
 Concen: 0.372 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

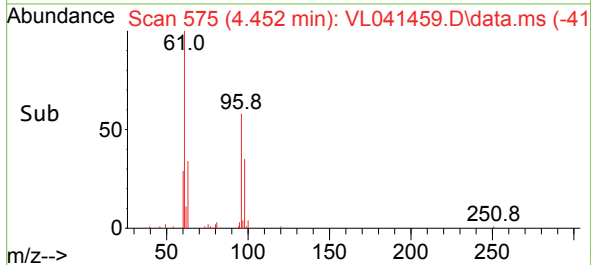
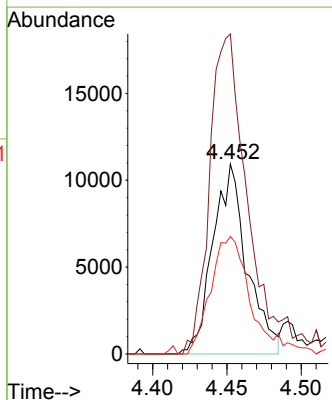
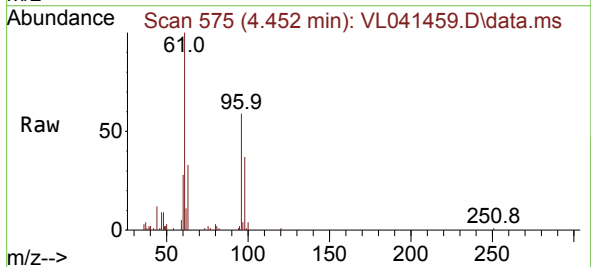
Instrument :
 MSVOA_L
 ClientSampleId :

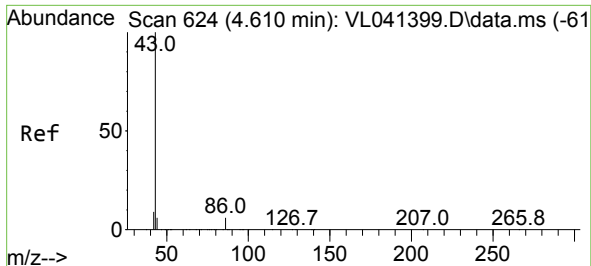
Tgt Ion: 41 Resp: 27116
 Ion Ratio Lower Upper
 41 100
 76 28.7 23.7 35.5
 39 84.5 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 0.380 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.007 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

Tgt Ion: 96 Resp: 17491
 Ion Ratio Lower Upper
 96 100
 61 168.5 135.4 203.2
 98 61.9 51.0 76.4

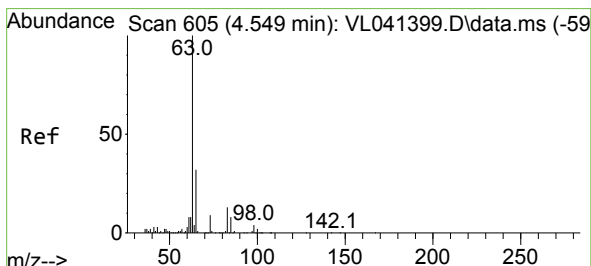
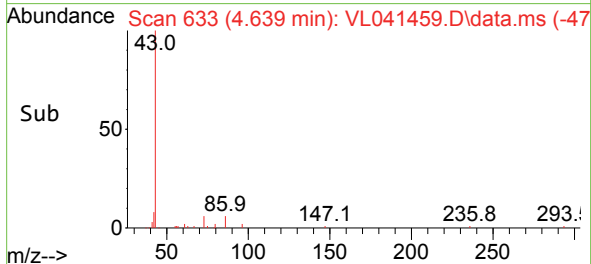
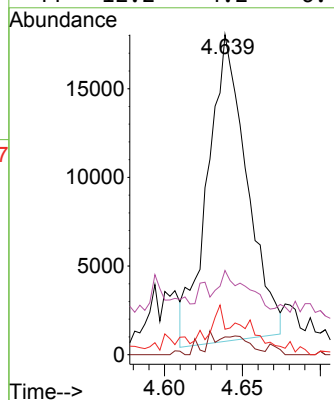
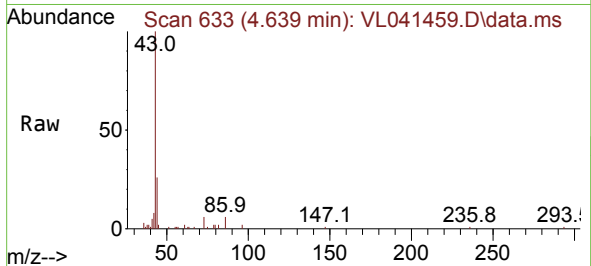




#23
 Vinyl Acetate
 Concen: 0.356 ppbv
 RT: 4.639 min Scan# 610
 Delta R.T. 0.010 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

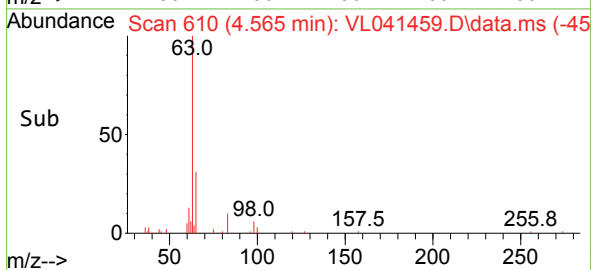
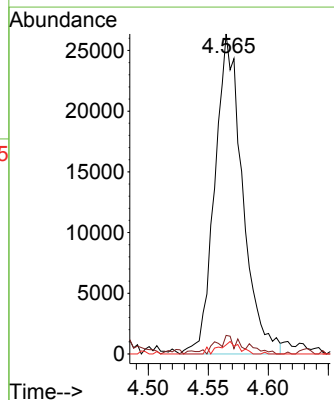
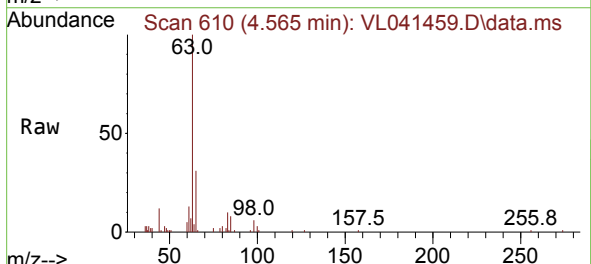
Instrument :
 MSVOA_L
 ClientSampleId :

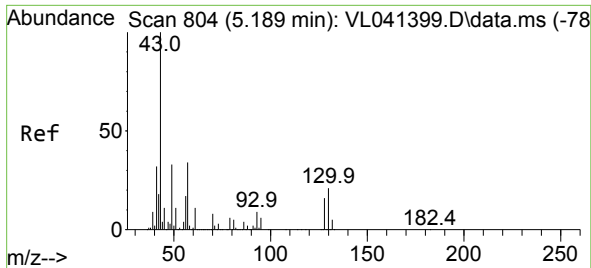
Tgt Ion: 43	Resp: 30220
Ion Ratio	Lower Upper
43 100	
86 5.1	4.6 6.8
42 6.1	7.9 11.9#
44 12.2	4.2 6.4#



#24
 1,1-Dichloroethane
 Concen: 0.423 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

Tgt Ion: 63	Resp: 42270
Ion Ratio	Lower Upper
63 100	
98 5.8	2.0 6.0
100 2.9	1.2 3.6

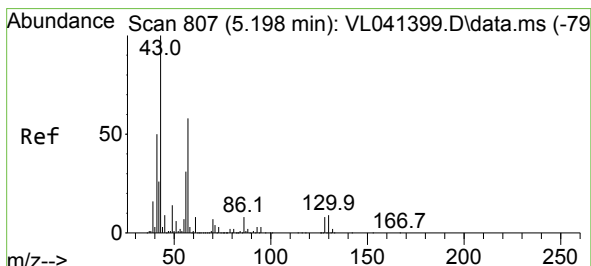
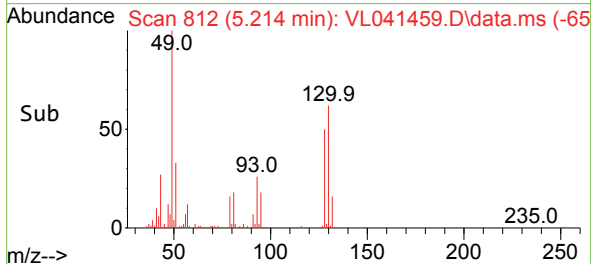
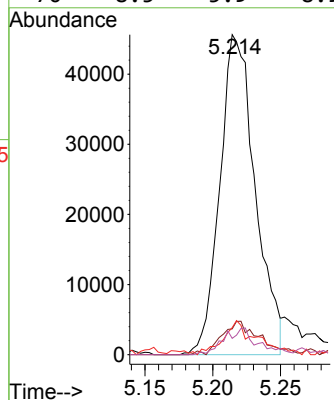
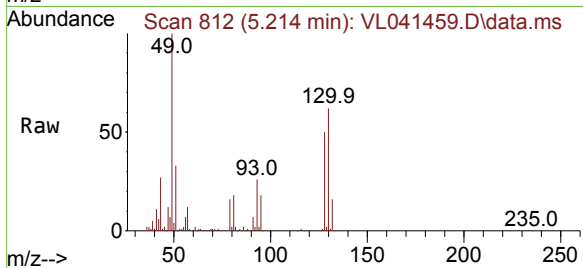




#25
Ethyl Acetate
Concen: 0.375 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.010 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

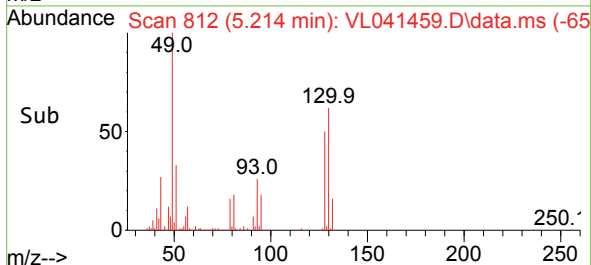
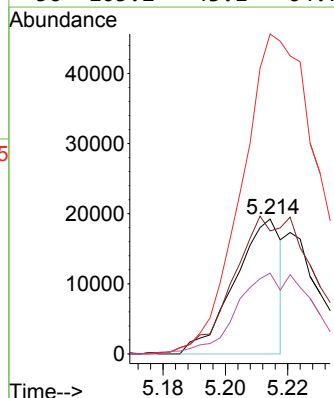
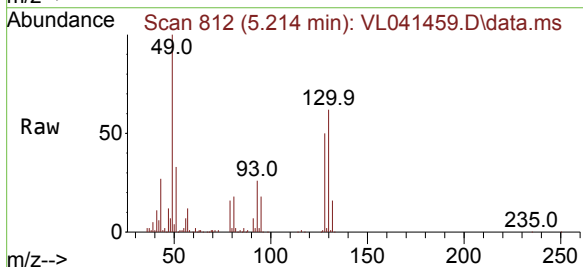
Instrument :
MSVOA_L
ClientSampleId :

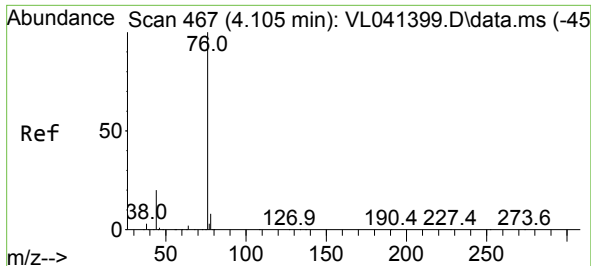
Tgt Ion: 43	Resp: 82786
Ion Ratio	Lower Upper
43 100	
45 11.0	8.5 12.7
61 10.5	8.0 12.0
70 8.5	5.9 8.9



#26
Hexane
Concen: 0.217 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 57	Resp: 19889
Ion Ratio	Lower Upper
57 100	
41 194.1	74.0 111.0#
43 472.2	193.6 290.4#
56 105.2	43.1 64.7#

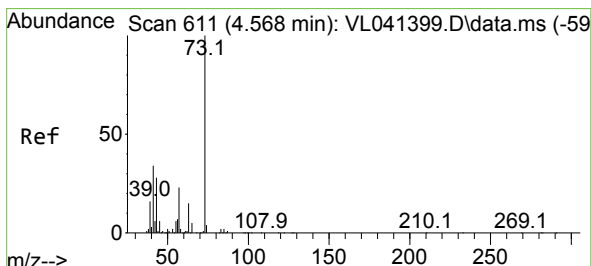
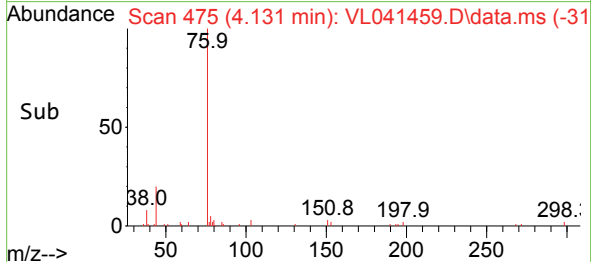
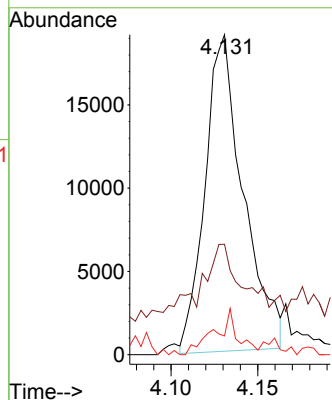
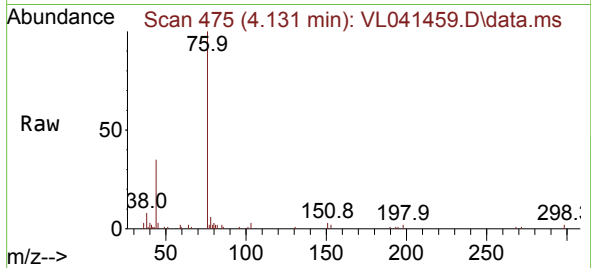




#27
Carbon Disulfide
Concen: 0.274 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

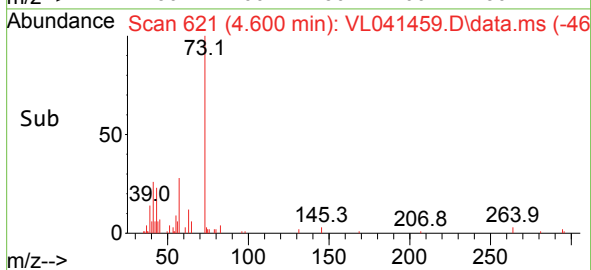
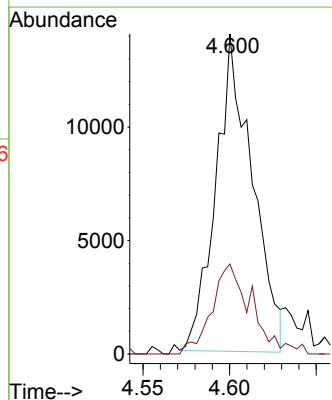
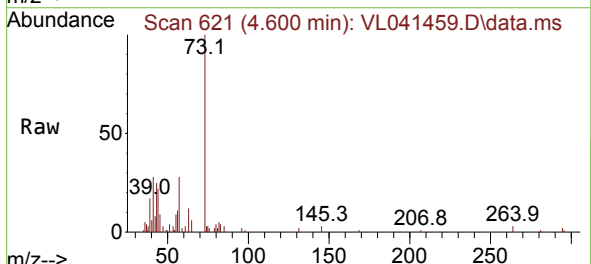
Instrument :
MSVOA_L
ClientSampleId :

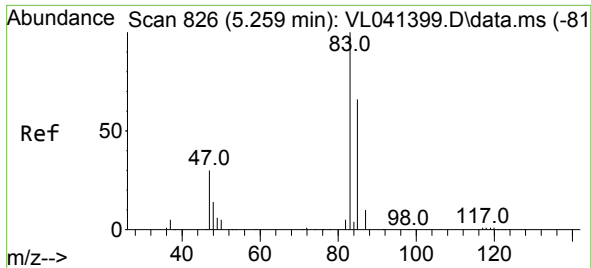
Tgt Ion: 76 Resp: 29307
Ion Ratio Lower Upper
76 100
44 44.5 15.6 23.4#
78 11.0 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 0.355 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.013 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 73 Resp: 20509
Ion Ratio Lower Upper
73 100
57 31.1 18.9 28.3#

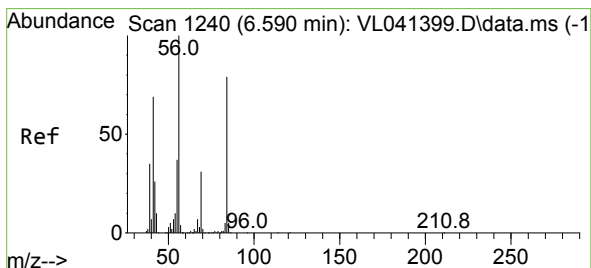
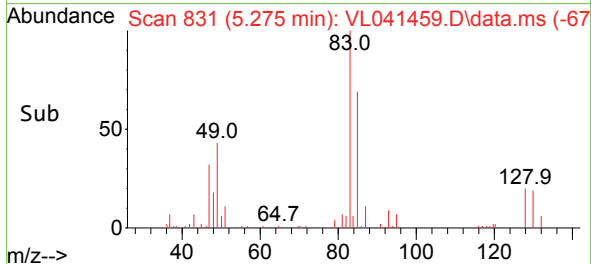
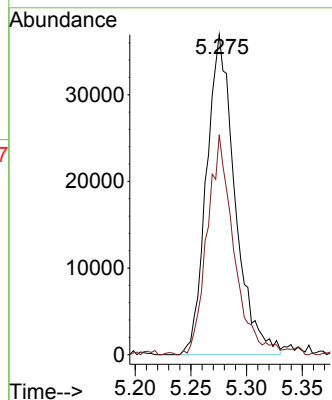
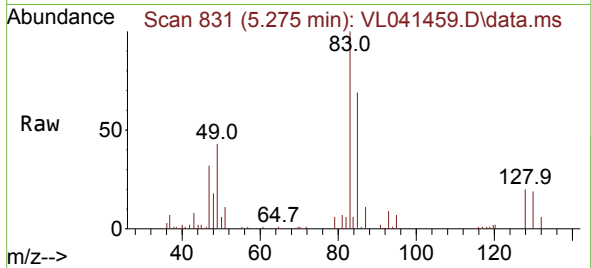




#29
Chloroform
Concen: 0.441 ppbv
RT: 5.275 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

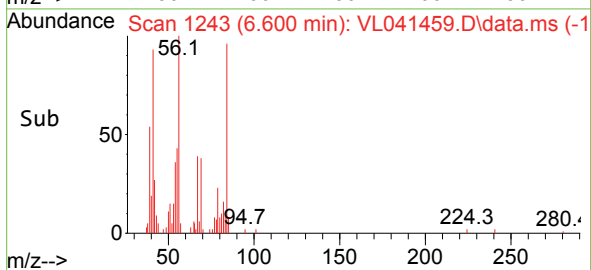
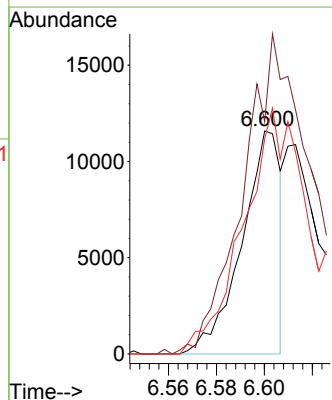
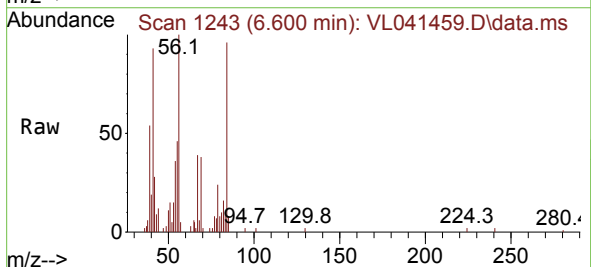
Instrument :
MSVOA_L
ClientSampleId :

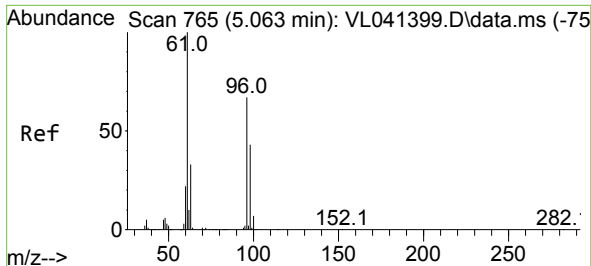
Tgt Ion: 83 Resp: 65829
Ion Ratio Lower Upper
83 100
85 68.7 53.1 79.7



#30
Cyclohexane
Concen: 0.173 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 84 Resp: 12912
Ion Ratio Lower Upper
84 100
56 235.1 111.2 166.8#
41 201.0 70.3 105.5#

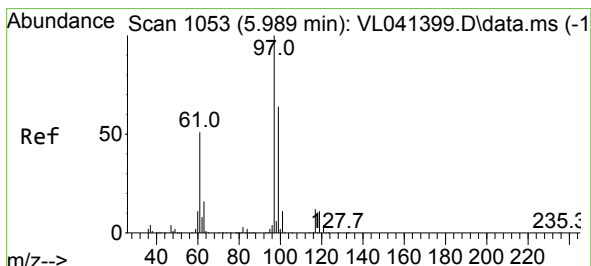
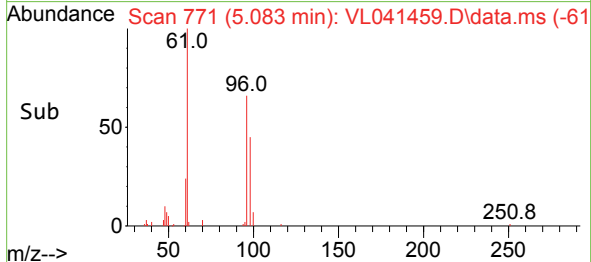
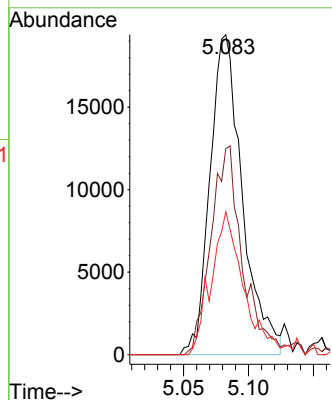
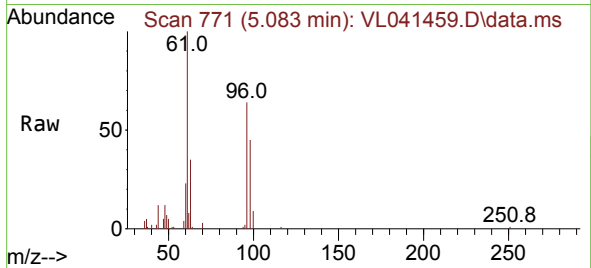




#31
 cis-1,2-Dichloroethene
 Concen: 0.372 ppbv
 RT: 5.083 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

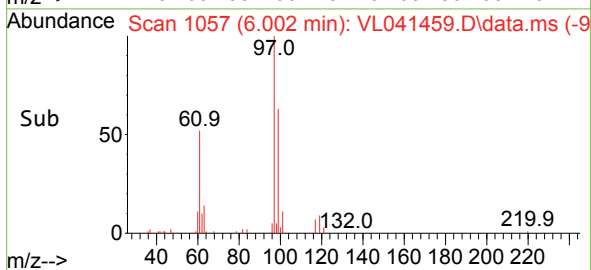
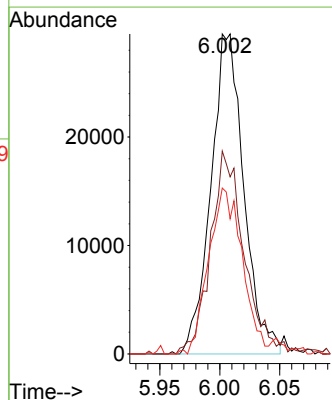
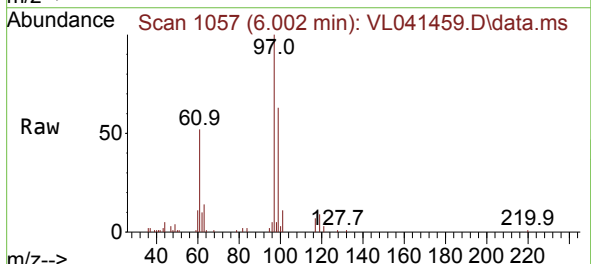
Instrument :
 MSVOA_L
 ClientSampleId :

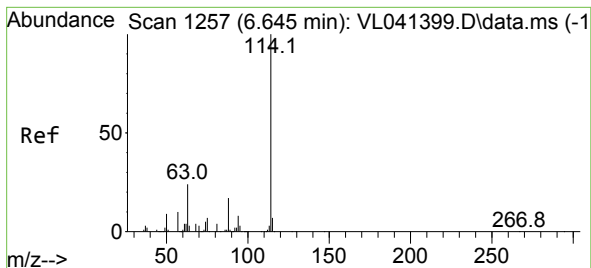
Tgt Ion: 61 Resp: 33592
 Ion Ratio Lower Upper
 61 100
 96 64.4 53.4 80.2
 98 44.7 34.4 51.6



#32
 1,1,1-Trichloroethane
 Concen: 0.387 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

Tgt Ion: 97 Resp: 56280
 Ion Ratio Lower Upper
 97 100
 99 65.8 52.0 78.0
 61 55.6 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.003 min

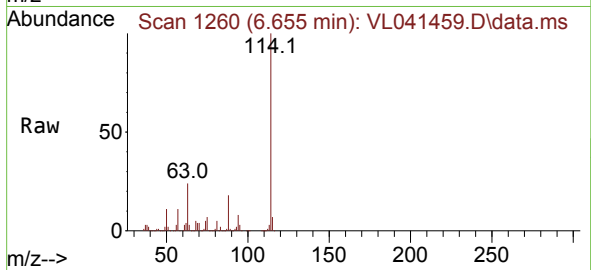
Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :



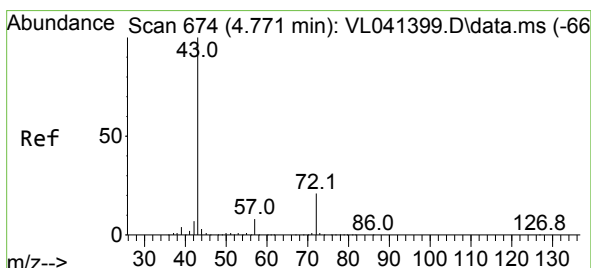
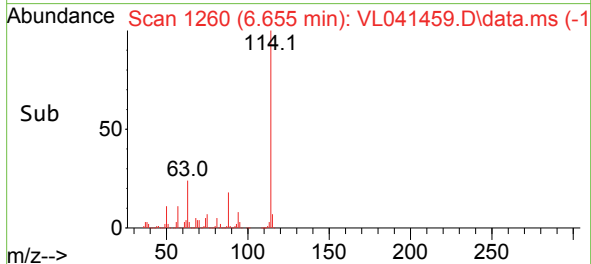
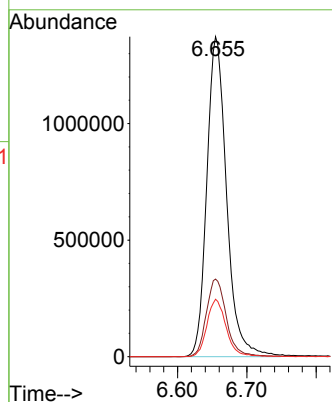
Tgt Ion:114 Resp: 2715595

Ion Ratio Lower Upper

114 100

63 24.8 20.3 30.5

88 17.7 14.3 21.5



#34

2-Butanone

Concen: 0.360 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.019 min

Lab File: VL041459.D

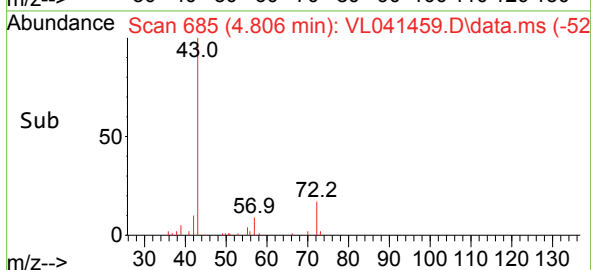
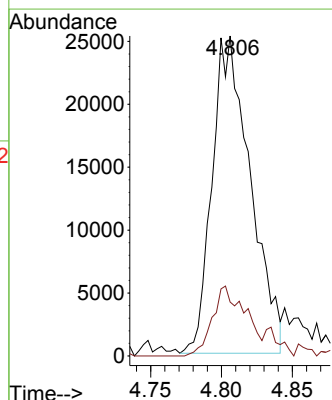
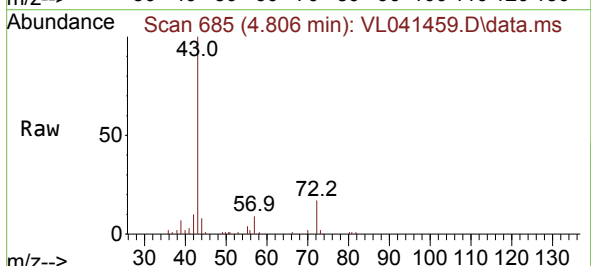
Acq: 31 Jul 2024 12:14

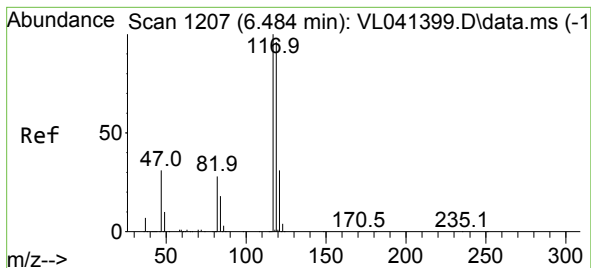
Tgt Ion: 43 Resp: 47319

Ion Ratio Lower Upper

43 100

72 24.0 17.3 25.9





#35

Carbon Tetrachloride

Concen: 0.370 ppbv

RT: 6.500 min Scan# 1173

Delta R.T. 0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

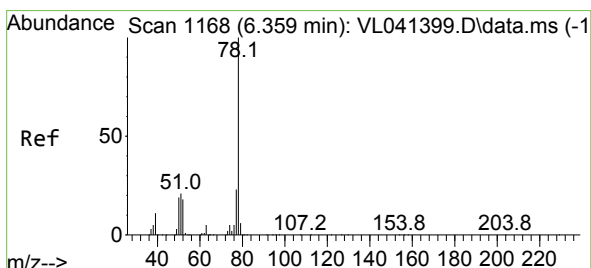
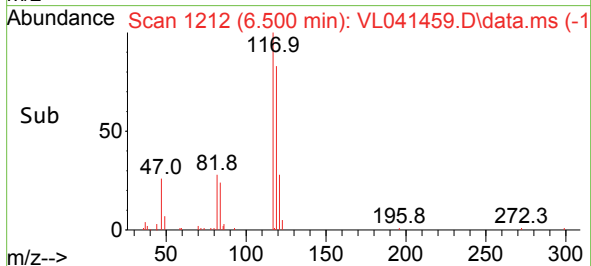
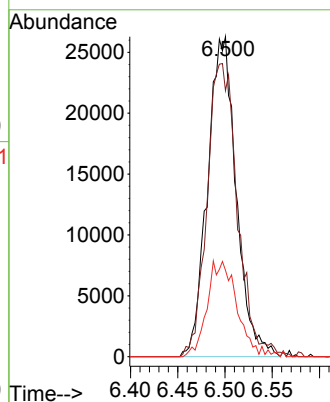
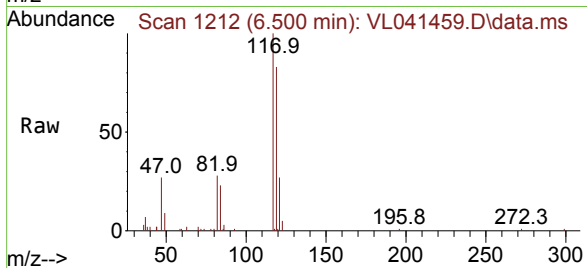
Tgt Ion:117 Resp: 55493

Ion Ratio Lower Upper

117 100

119 83.1 76.6 115.0

121 27.0 25.1 37.7



#36

Benzene

Concen: 0.363 ppbv

RT: 6.375 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

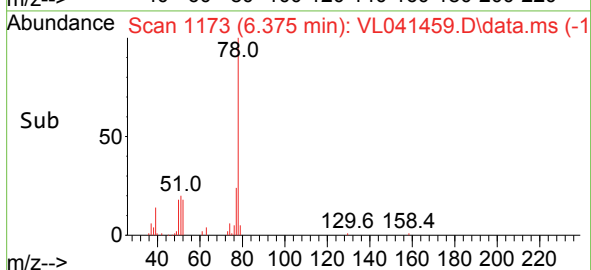
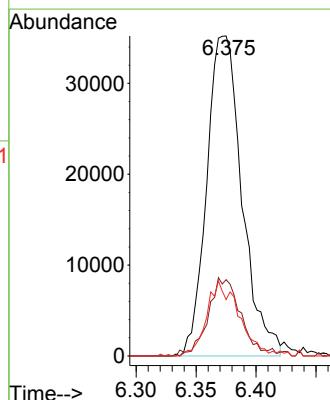
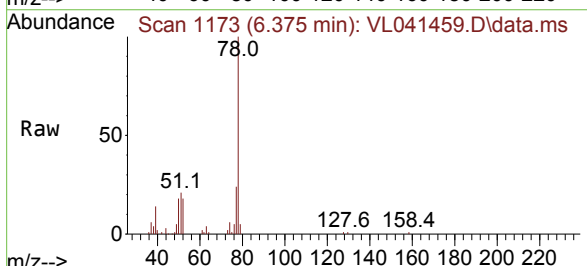
Tgt Ion: 78 Resp: 72002

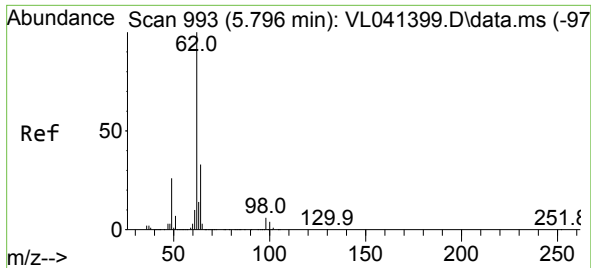
Ion Ratio Lower Upper

78 100

77 22.0 18.1 27.1

50 17.6 15.5 23.3

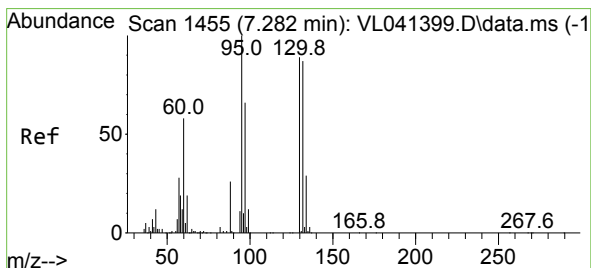
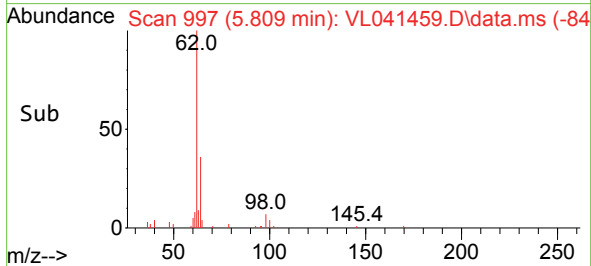
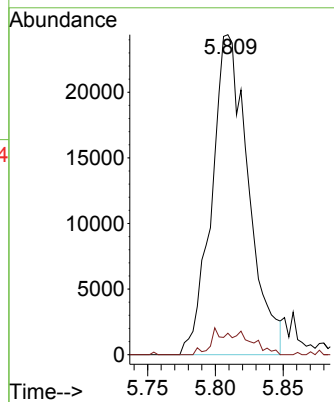
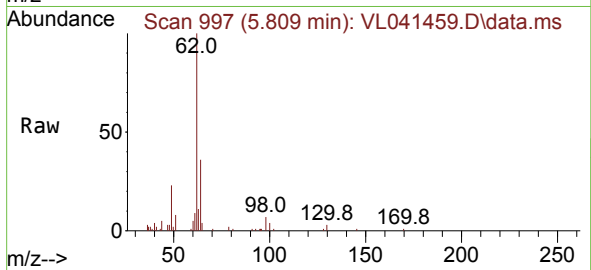




#37
1,2-Dichloroethane
Concen: 0.414 ppbv
RT: 5.809 min Scan# 993
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

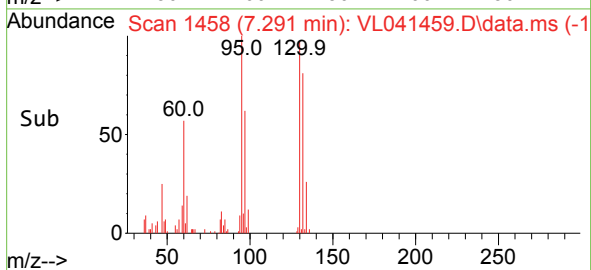
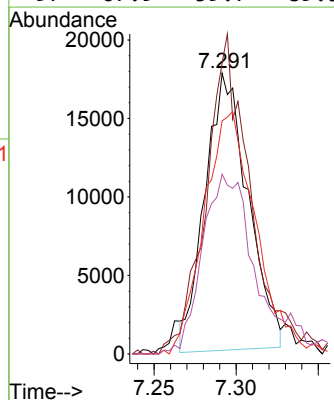
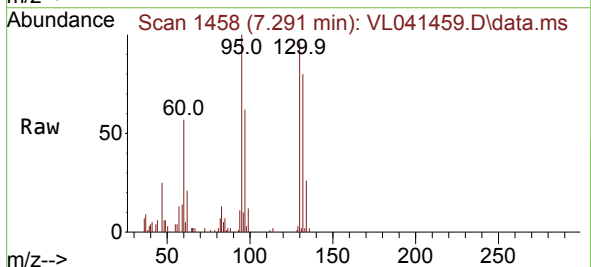
Instrument :
MSVOA_L
ClientSampleId :

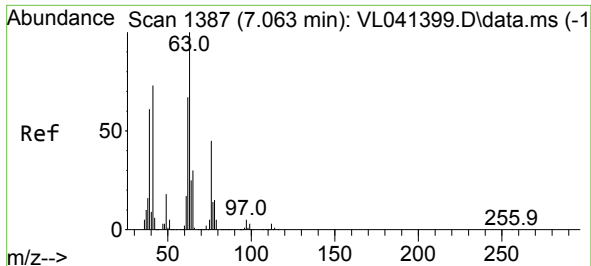
Tgt Ion: 62 Resp: 45935
Ion Ratio Lower Upper
62 100
98 7.6 5.0 7.4#



#38
Trichloroethene
Concen: 0.354 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion:130 Resp: 32185
Ion Ratio Lower Upper
130 100
95 105.5 90.2 135.2
132 82.9 78.1 117.1
97 67.9 59.7 89.5





#39

1,2-Dichloropropane

Concen: 0.414 ppbv

RT: 7.073 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

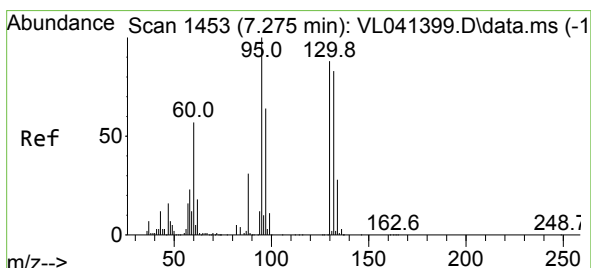
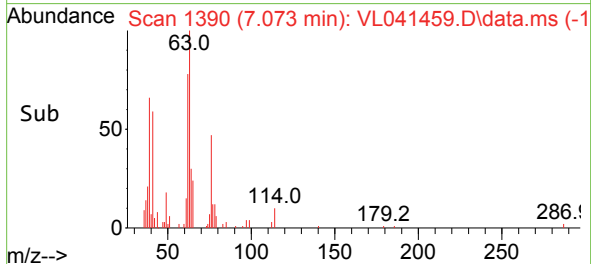
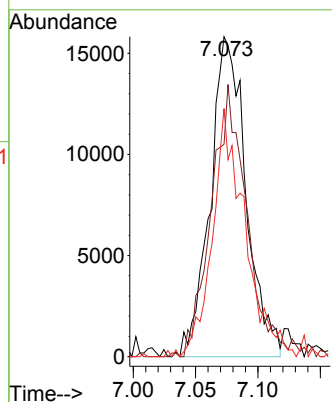
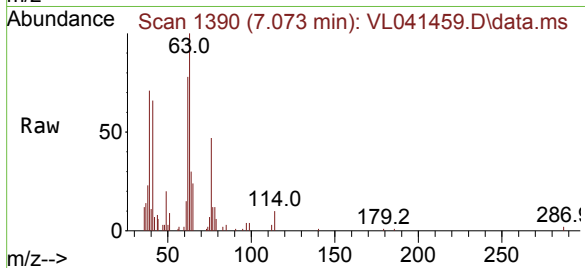
Tgt Ion: 63 Resp: 31473

Ion Ratio Lower Upper

63 100

41 68.1 58.3 87.5

62 79.5 53.9 80.9



#40

1,4-Dioxane

Concen: 0.005 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Tgt Ion: 88 Resp: 166

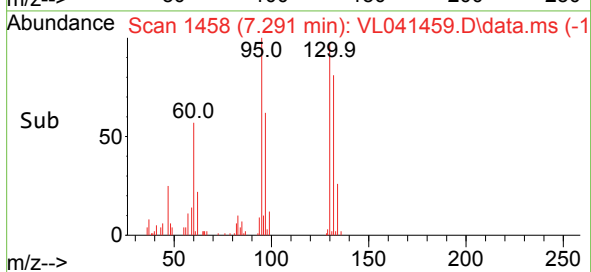
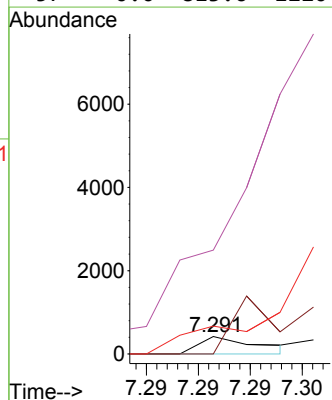
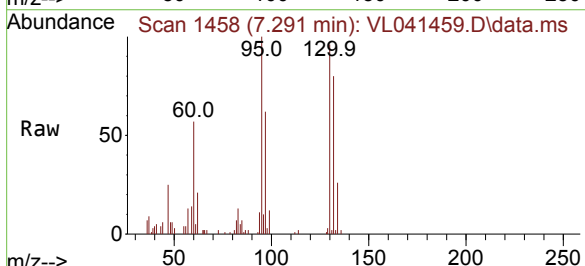
Ion Ratio Lower Upper

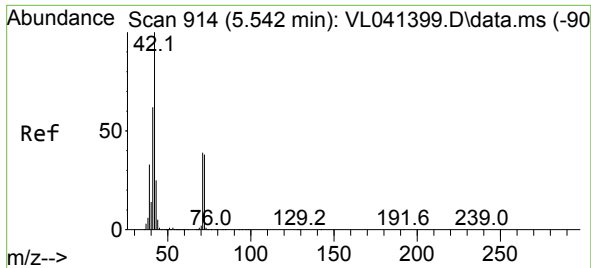
88 100

58 0.0 95.8 143.6#

43 0.0 188.2 282.2#

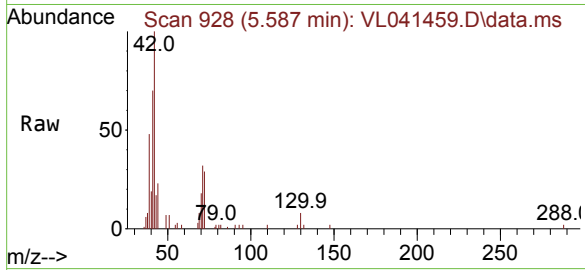
57 0.0 813.6 1220.4#



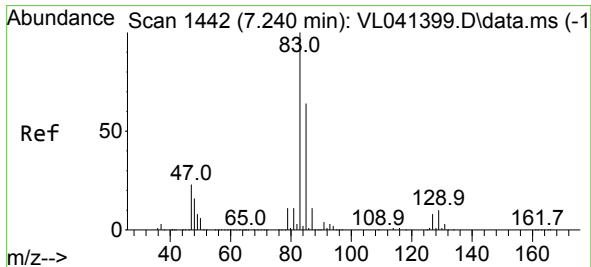
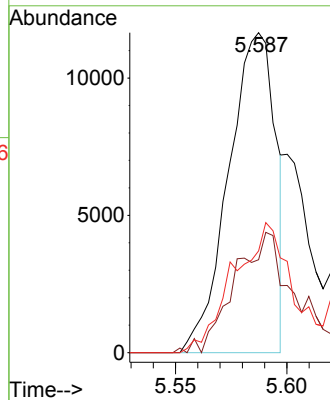
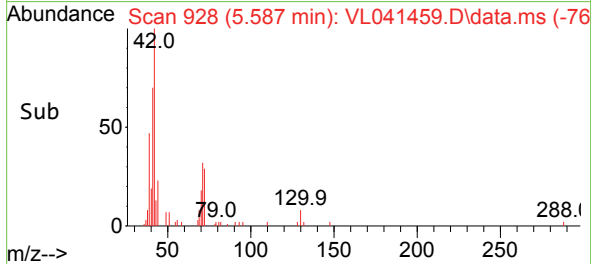


#41
Tetrahydrofuran
Concen: 0.227 ppbv
RT: 5.587 min Scan# 914
Delta R.T. 0.029 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

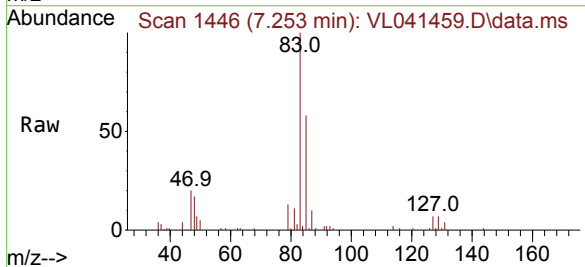
Instrument :
MSVOA_L
ClientSampleId :



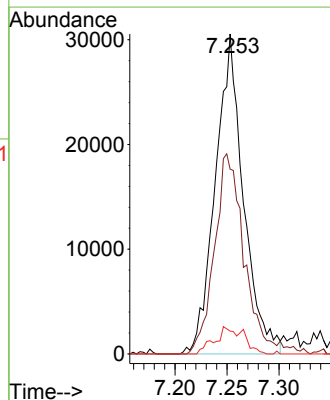
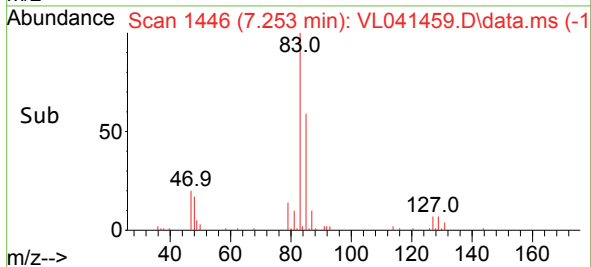
Tgt Ion: 42 Resp: 17088
Ion Ratio Lower Upper
42 100
72 52.8 31.2 46.8#
71 57.2 30.5 45.7#

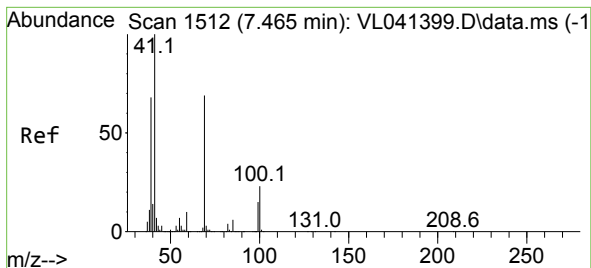


#42
Bromodichloromethane
Concen: 0.358 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14



Tgt Ion: 83 Resp: 57456
Ion Ratio Lower Upper
83 100
85 57.8 51.4 77.0
127 7.1 6.7 10.1





#43

Methyl Methacrylate

Concen: 0.178 ppbv

RT: 7.484 min Scan# 1

Delta R.T. 0.007 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

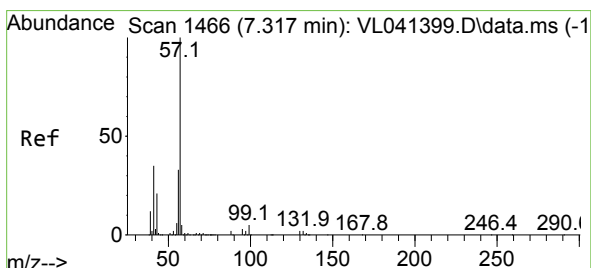
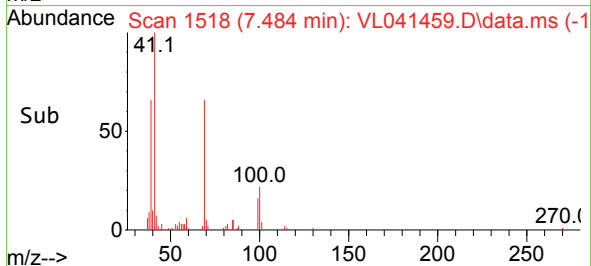
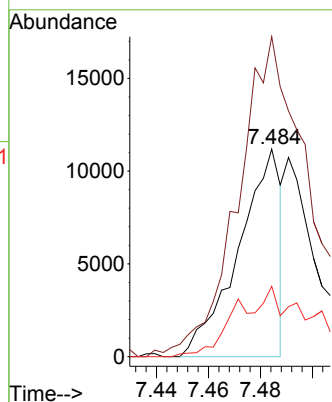
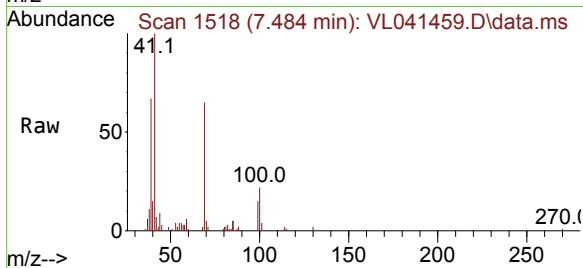
Tgt Ion: 69 Resp: 12641

Ion Ratio Lower Upper

69 100

41 268.1 118.7 178.1#

100 59.5 27.0 40.4#



#44

2,2,4-Trimethylpentane

Concen: 0.352 ppbv

RT: 7.330 min Scan# 1470

Delta R.T. -0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

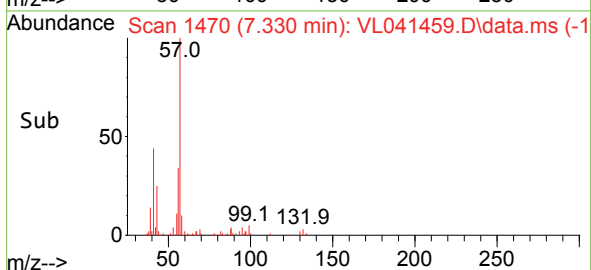
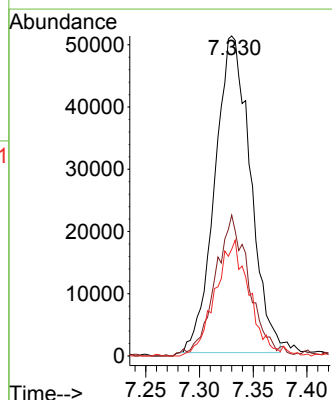
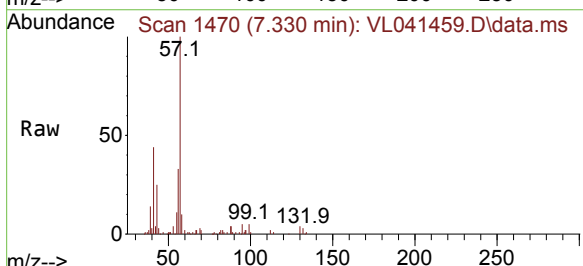
Tgt Ion: 57 Resp: 116805

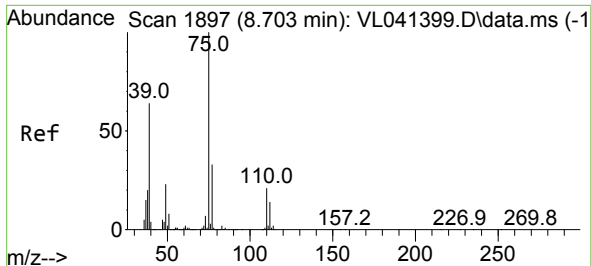
Ion Ratio Lower Upper

57 100

41 43.6 27.0 40.6#

56 35.7 25.2 37.8

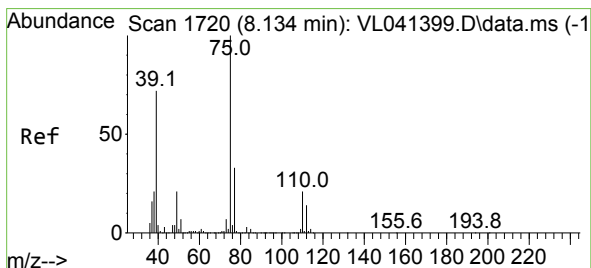
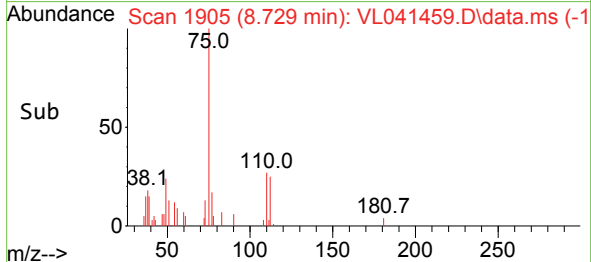
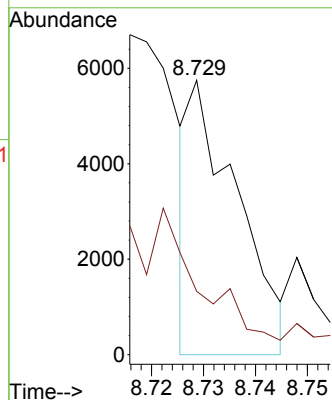
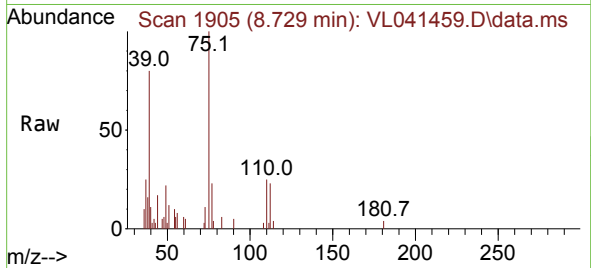




#45
t-1,3-Dichloropropene
Concen: 0.057 ppbv
RT: 8.729 min Scan# 1905
Delta R.T. 0.016 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

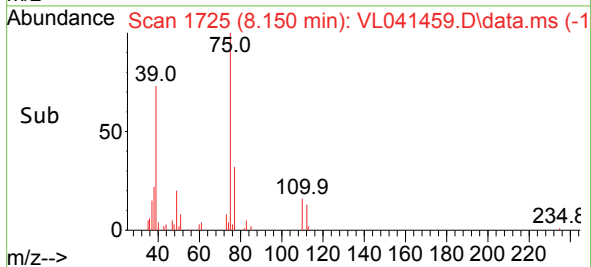
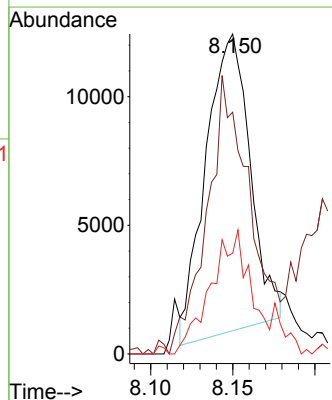
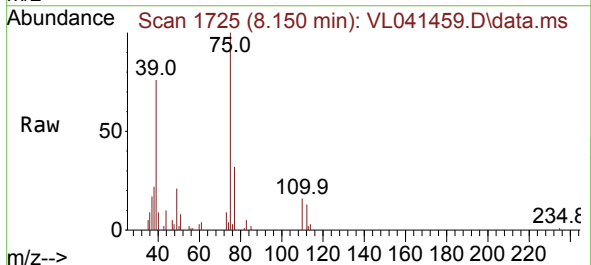
Instrument :
MSVOA_L
ClientSampleId :

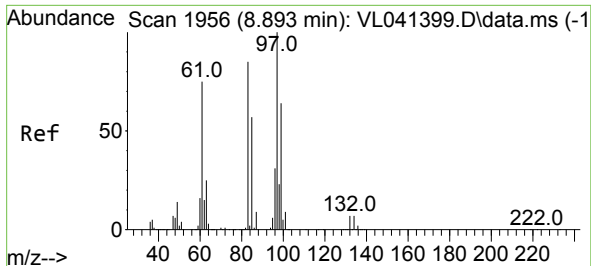
Tgt Ion: 75 Resp: 3704
Ion Ratio Lower Upper
75 100
77 27.5 26.5 39.7



#46
cis-1,3-Dichloropropene
Concen: 0.230 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 75 Resp: 21792
Ion Ratio Lower Upper
75 100
39 72.2 57.3 85.9
77 32.5 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 0.399 ppbv

RT: 8.902 min Scan# 1956

Delta R.T. -0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 33433

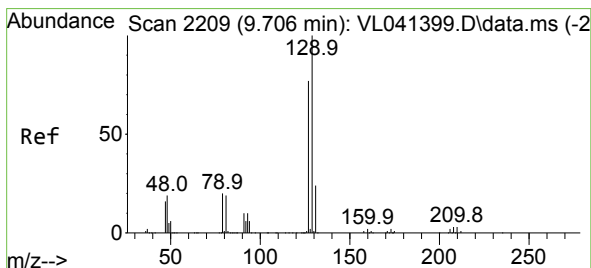
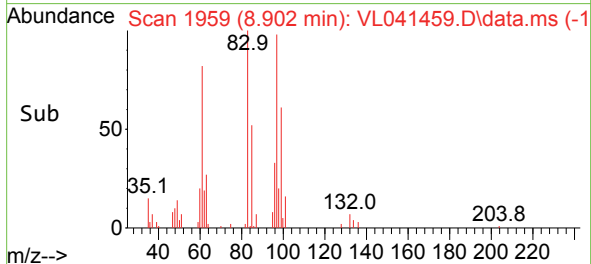
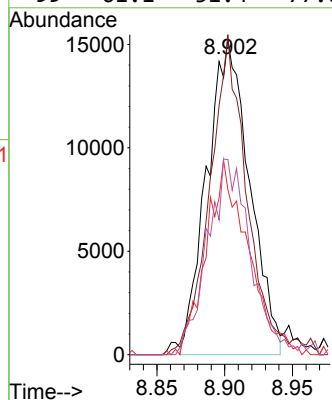
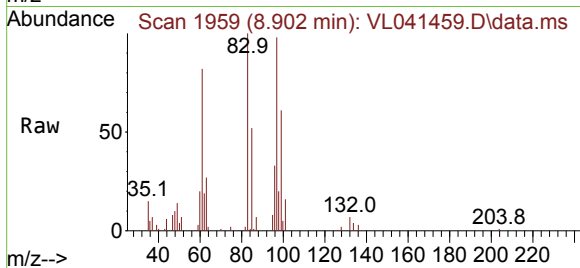
Ion Ratio Lower Upper

97 100

83 100.5 67.6 101.4

85 53.7 45.9 68.9

99 61.1 51.4 77.0



#48

Dibromochloromethane

Concen: 0.063 ppbv

RT: 9.713 min Scan# 2211

Delta R.T. -0.006 min

Lab File: VL041459.D

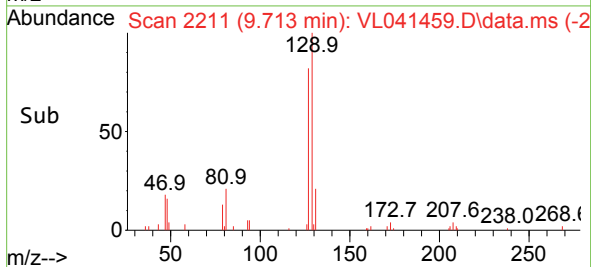
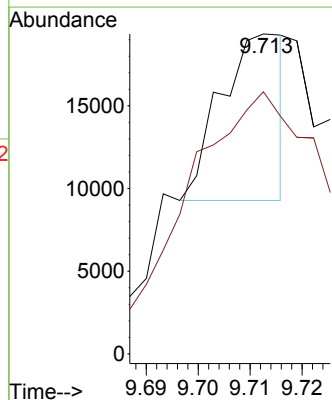
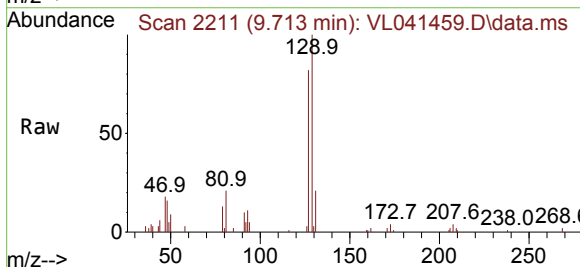
Acq: 31 Jul 2024 12:14

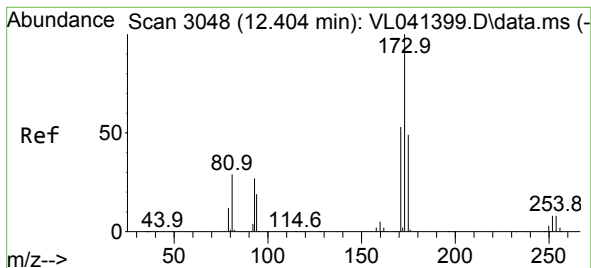
Tgt Ion: 129 Resp: 8501

Ion Ratio Lower Upper

129 100

127 401.6 39.3 117.8#





#49

Bromoform

Concen: 0.132 ppbv

RT: 12.404 min Scan# 3048

Delta R.T. -0.010 min

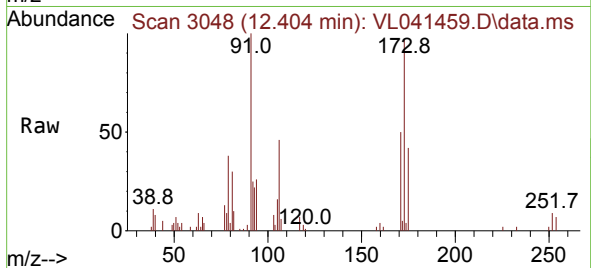
Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

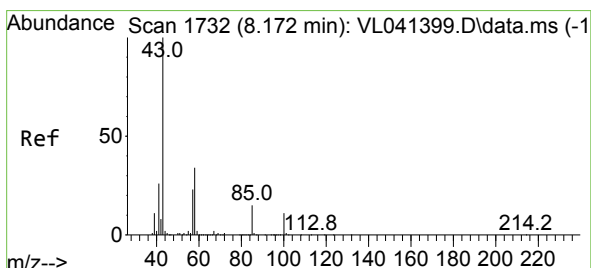
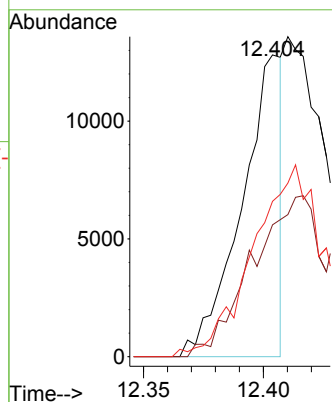
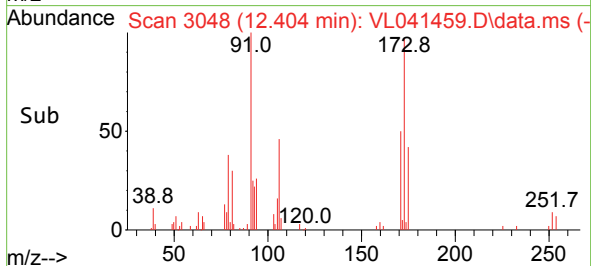
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	173	Resp:	15001
Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.9	59.9#
171	0.0	41.7	62.5#



#50

4-Methyl-2-Pentanone

Concen: 0.153 ppbv

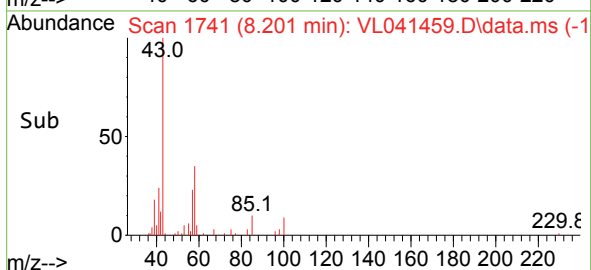
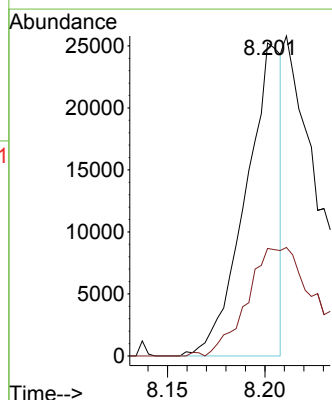
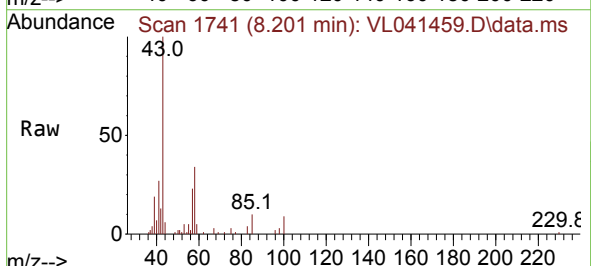
RT: 8.201 min Scan# 1741

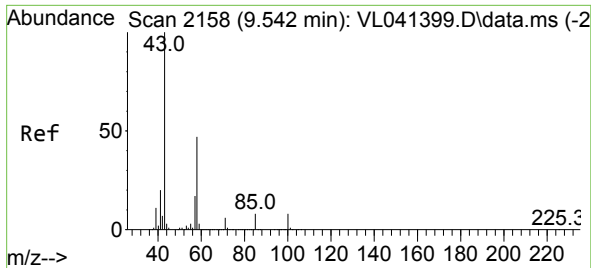
Delta R.T. 0.016 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

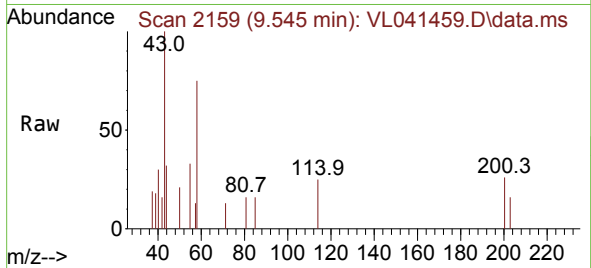
Tgt Ion:	43	Resp:	31797
Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.9	41.9#



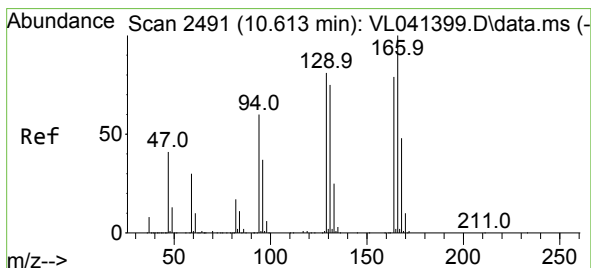
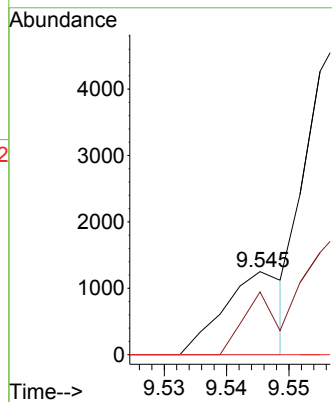
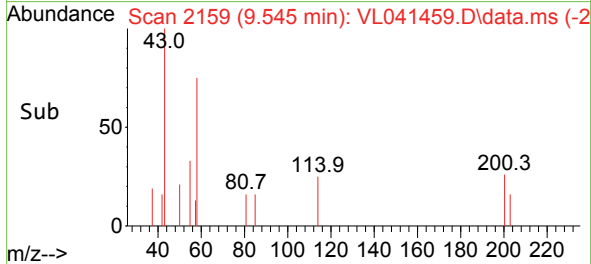


#51
2-Hexanone
Concen: 0.005 ppbv
RT: 9.545 min Scan# 2158
Delta R.T. -0.006 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Instrument :
MSVOA_L
ClientSampleId :

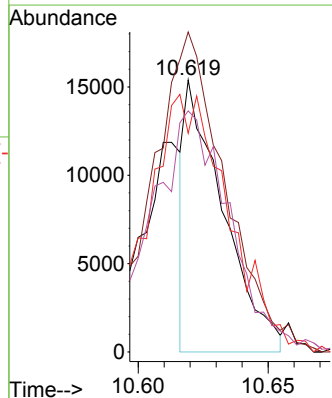
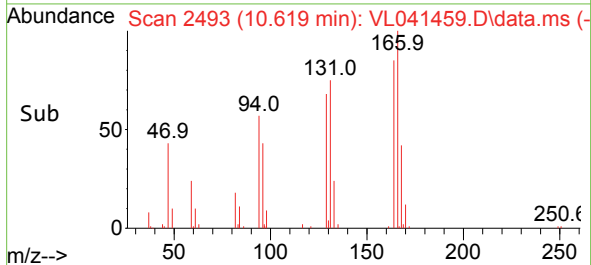
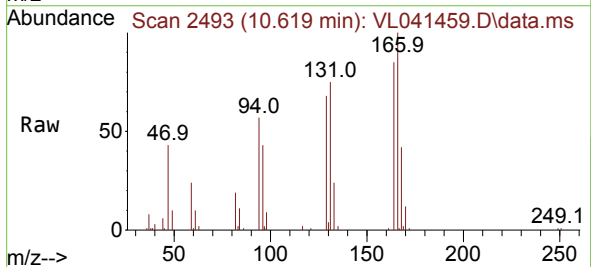


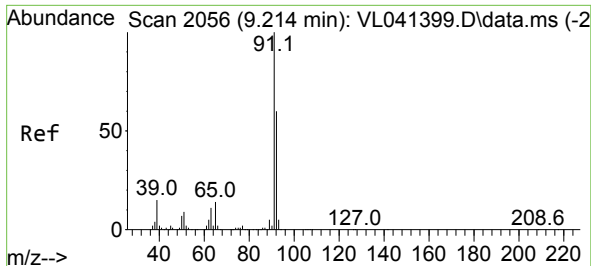
Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.206 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 164 Resp: 15759
Ion Ratio Lower Upper
164 100
166 116.9 101.1 151.7
129 75.0 81.7 122.5#
131 86.3 76.2 114.4

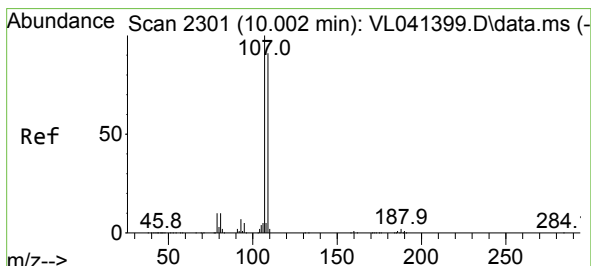
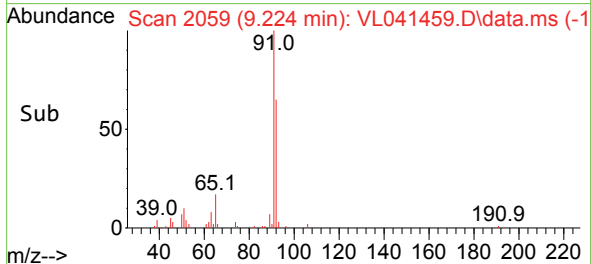
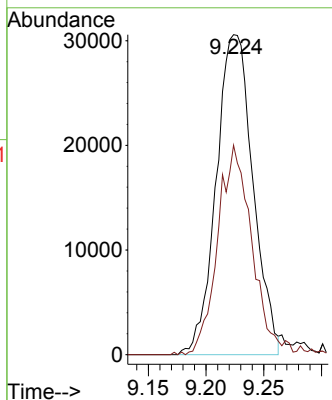
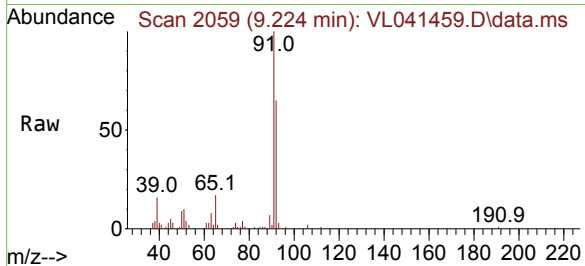




#53
Toluene
Concen: 0.306 ppbv
RT: 9.224 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

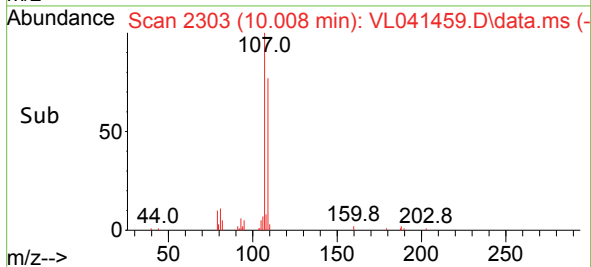
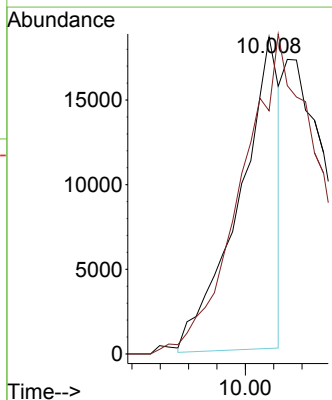
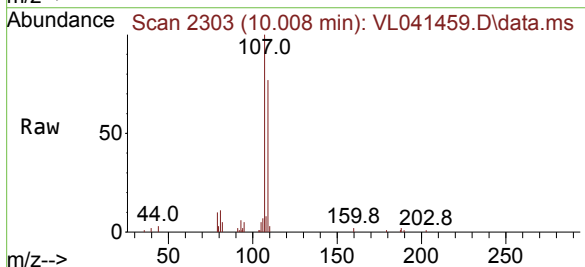
Instrument :
MSVOA_L
ClientSampleId :

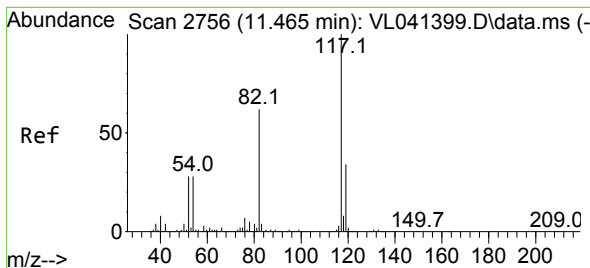
Tgt Ion: 91 Resp: 67742
Ion Ratio Lower Upper
91 100
92 62.0 48.7 73.1



#54
1,2-Dibromoethane
Concen: 0.163 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 107 Resp: 18177
Ion Ratio Lower Upper
107 100
109 75.1 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: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

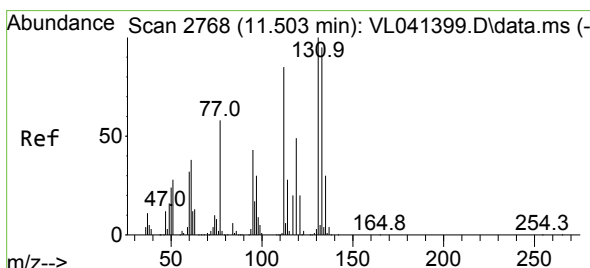
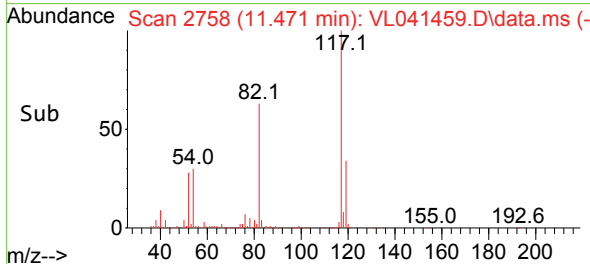
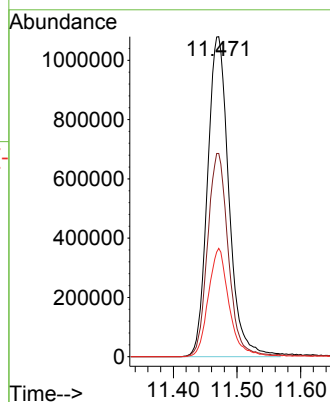
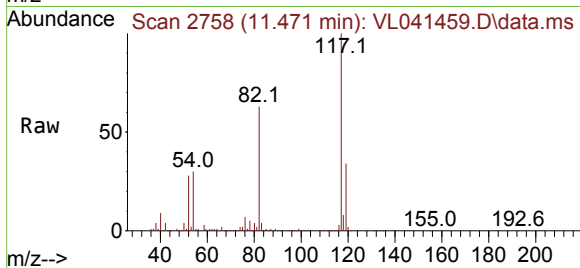
Tgt Ion:117 Resp: 2521211

Ion Ratio Lower Upper

117 100

82 62.3 51.0 76.6

119 33.3 45.2 67.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 0.248 ppbv

RT: 11.510 min Scan# 2770

Delta R.T. -0.006 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

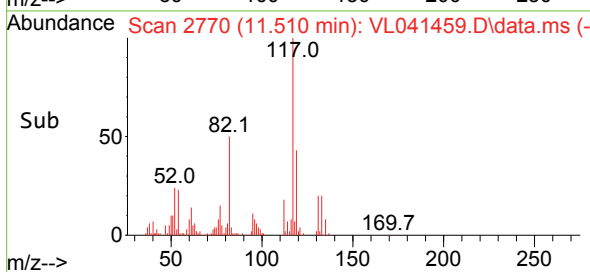
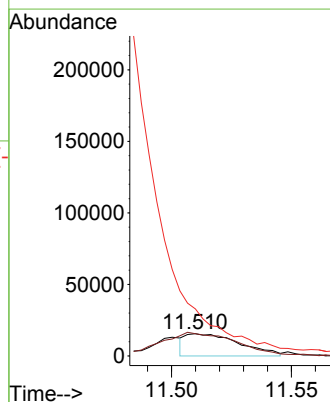
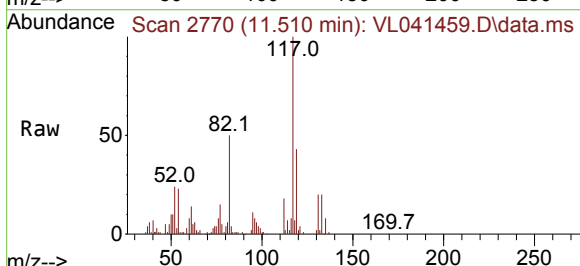
Tgt Ion:131 Resp: 24287

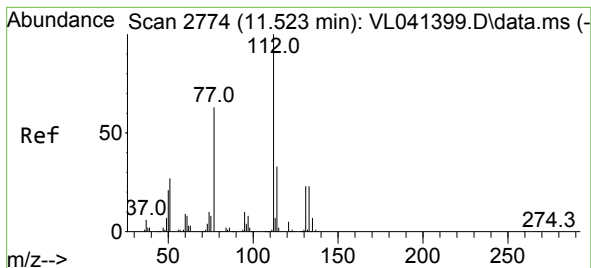
Ion Ratio Lower Upper

131 100

133 157.1 77.0 115.4#

119 0.0 121.5 182.3#





#57

Chlorobenzene

Concen: 0.264 ppbv

RT: 11.532 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

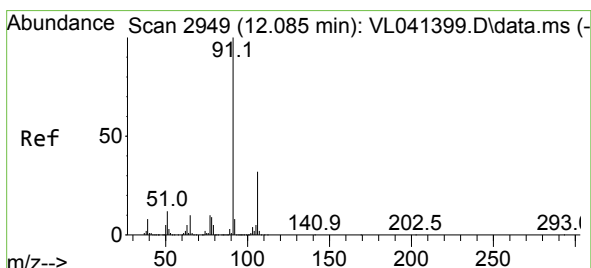
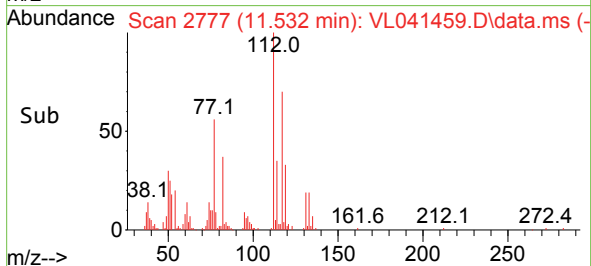
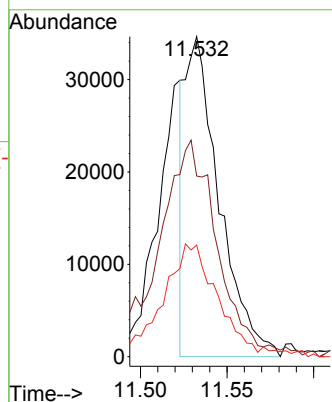
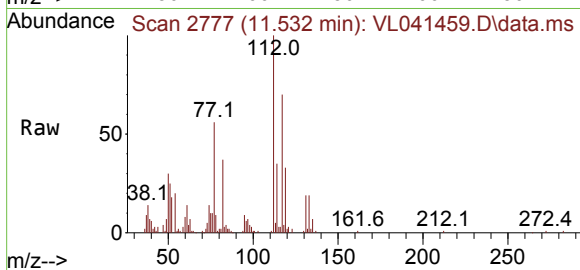
Tgt Ion:112 Resp: 47398

Ion Ratio Lower Upper

112 100

77 54.4 51.1 76.7

114 33.4 29.5 36.1



#58

Ethyl Benzene

Concen: 0.335 ppbv

RT: 12.092 min Scan# 2951

Delta R.T. -0.006 min

Lab File: VL041459.D

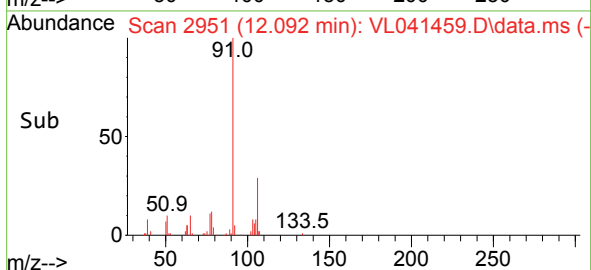
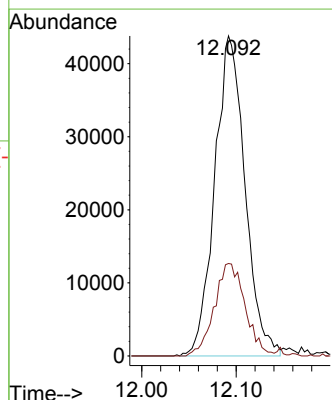
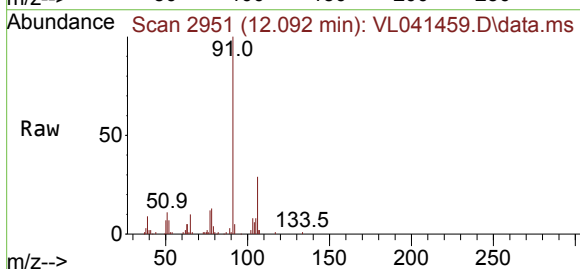
Acq: 31 Jul 2024 12:14

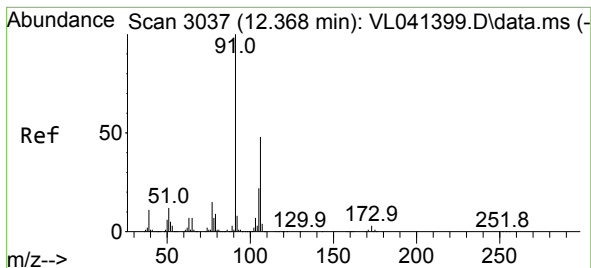
Tgt Ion: 91 Resp: 97399

Ion Ratio Lower Upper

91 100

106 28.9 25.8 38.8





#59

m/p-Xylene

Concen: 0.199 ppbv

RT: 12.381 min Scan# 3037

Delta R.T. 0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

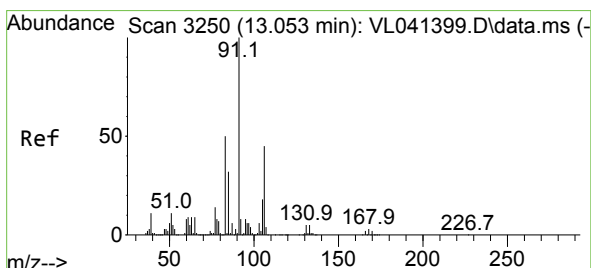
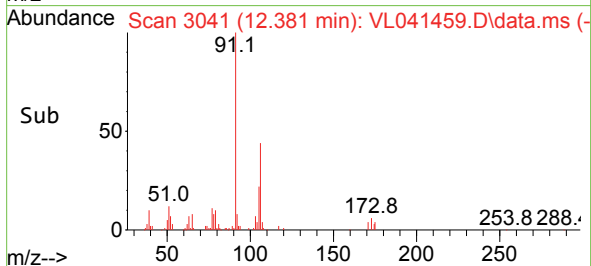
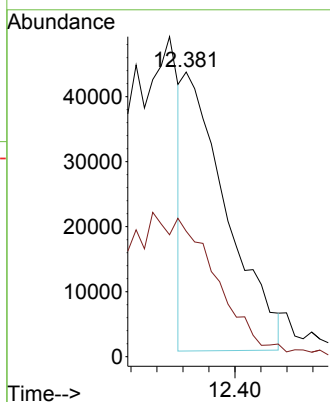
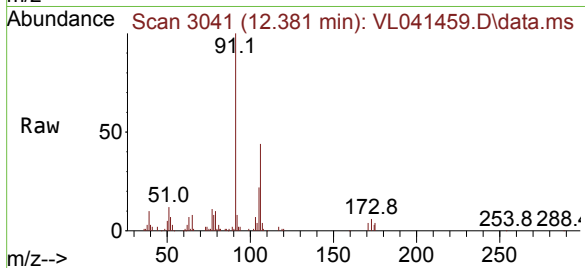
ClientSampleId :

Tgt Ion: 91 Resp: 49930

Ion Ratio Lower Upper

91 100

106 0.0 36.3 54.5#



#60

o-Xylene

Concen: 0.320 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. -0.003 min

Lab File: VL041459.D

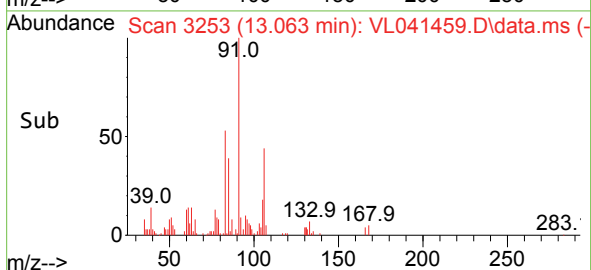
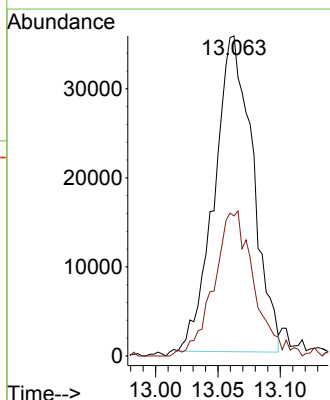
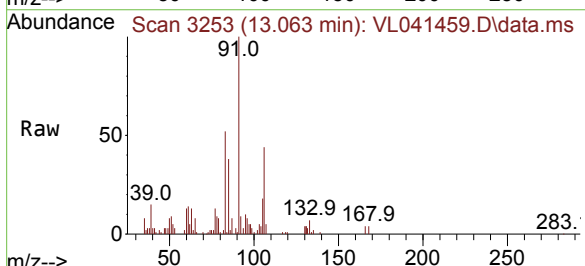
Acq: 31 Jul 2024 12:14

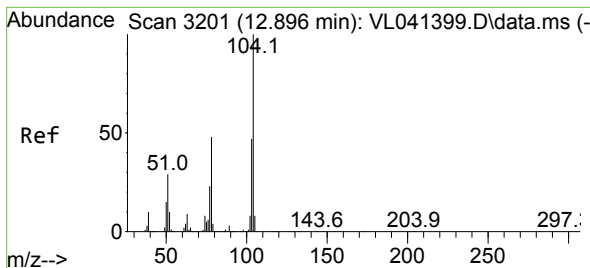
Tgt Ion: 91 Resp: 75966

Ion Ratio Lower Upper

91 100

106 48.4 23.1 69.3





#61

Styrene

Concen: 0.140 ppbv

RT: 12.902 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041459.D

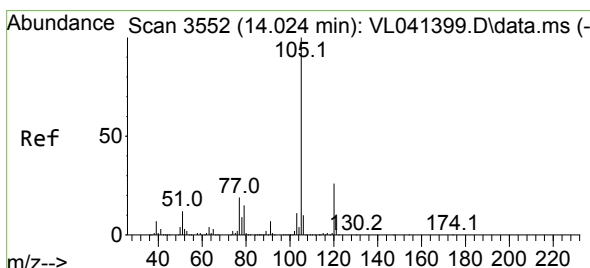
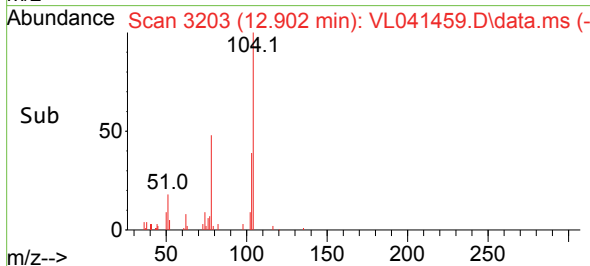
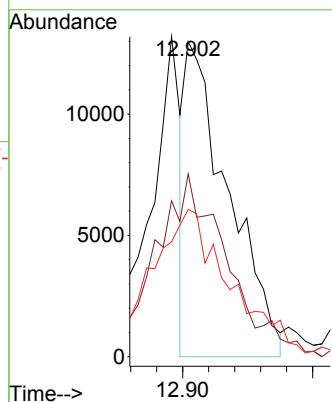
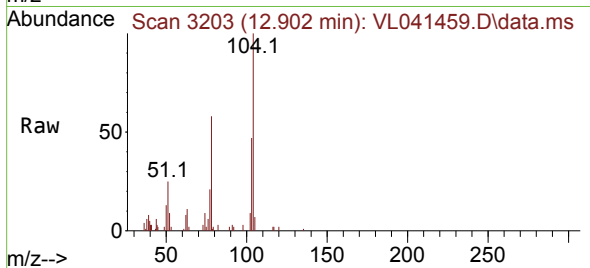
Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:104 Resp: 14996
 Ion Ratio Lower Upper
 104 100
 78 102.4 40.8 61.2#
 103 91.6 38.2 57.4#



#62

Isopropylbenzene

Concen: 0.364 ppbv

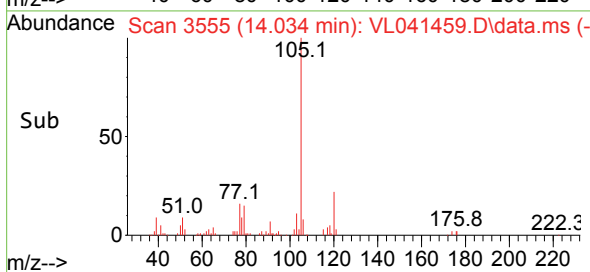
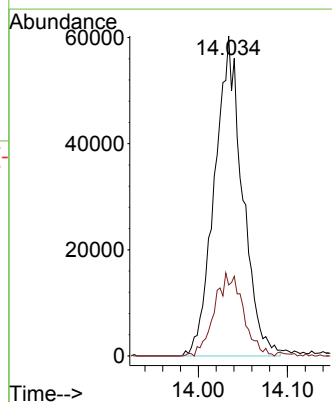
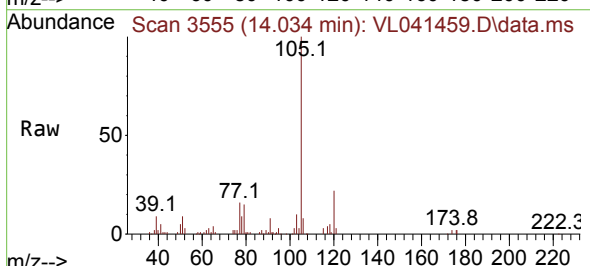
RT: 14.034 min Scan# 3555

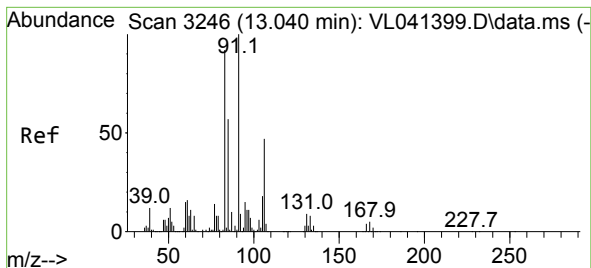
Delta R.T. -0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Tgt Ion:105 Resp: 131414
 Ion Ratio Lower Upper
 105 100
 120 27.2 21.0 31.4





#63

1,1,2,2-Tetrachloroethane

Concen: 0.416 ppbv

RT: 13.053 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

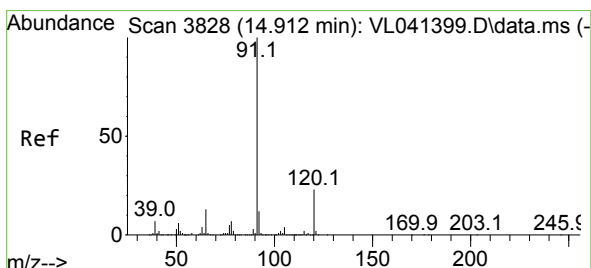
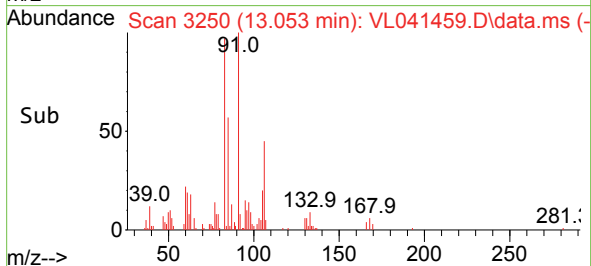
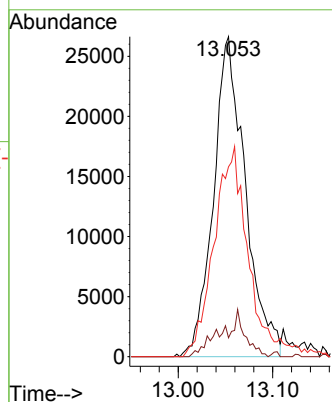
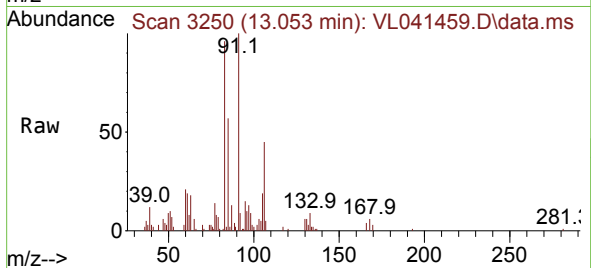
Tgt Ion: 83 Resp: 62319

Ion Ratio Lower Upper

83 100

131 11.2 4.8 14.4

85 71.5 32.6 98.0



#64

n-propylbenzene

Concen: 0.277 ppbv

RT: 14.921 min Scan# 3831

Delta R.T. 0.000 min

Lab File: VL041459.D

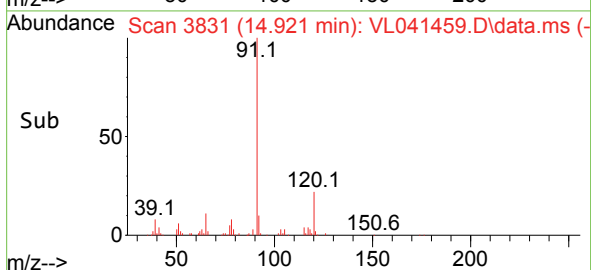
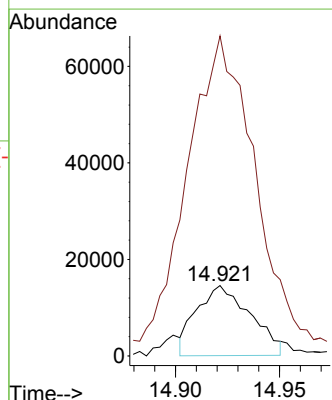
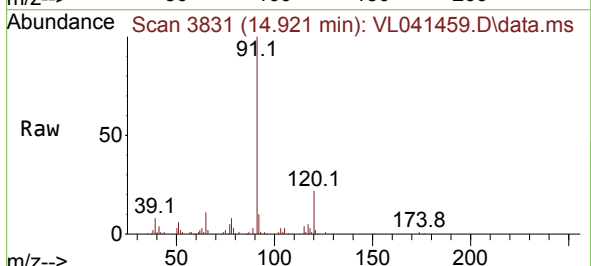
Acq: 31 Jul 2024 12:14

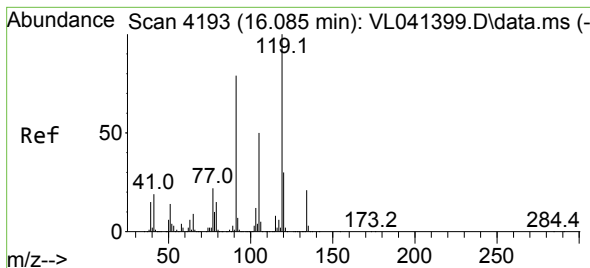
Tgt Ion: 120 Resp: 26142

Ion Ratio Lower Upper

120 100

91 630.6 361.4 542.0#





#65

tert-Butylbenzene

Concen: 0.326 ppbv

RT: 16.101 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

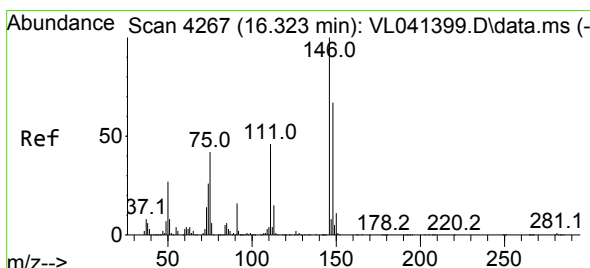
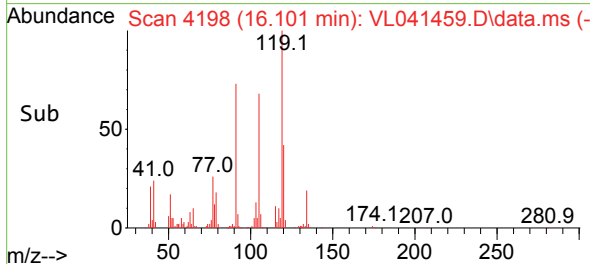
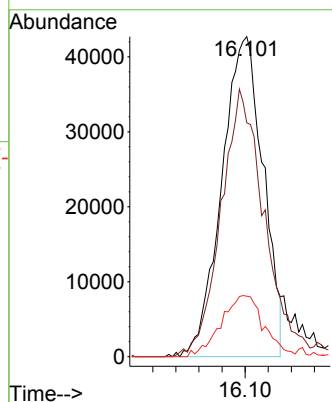
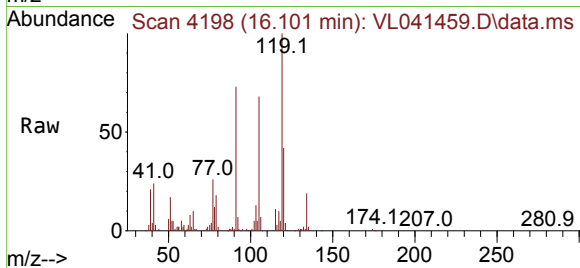
Tgt Ion:119 Resp: 106094

Ion Ratio Lower Upper

119 100

91 90.0 64.2 96.2

134 20.8 15.7 23.5



#66

Benzyl Chloride

Concen: 0.081 ppbv

RT: 16.336 min Scan# 4271

Delta R.T. 0.000 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

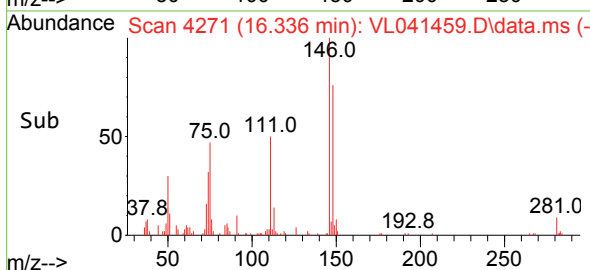
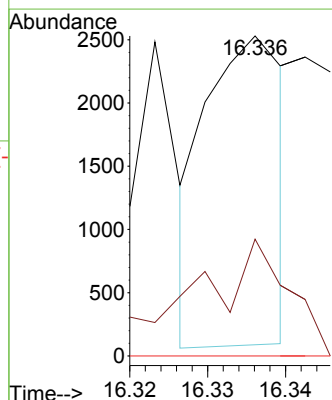
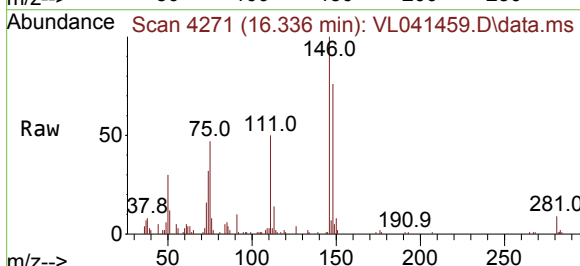
Tgt Ion: 91 Resp: 1703

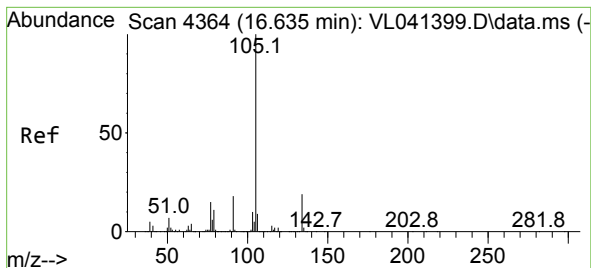
Ion Ratio Lower Upper

91 100

126 50.7 13.8 20.8#

128 0.0 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.207 ppbv

RT: 16.642 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

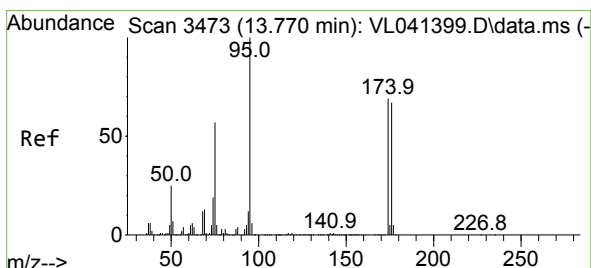
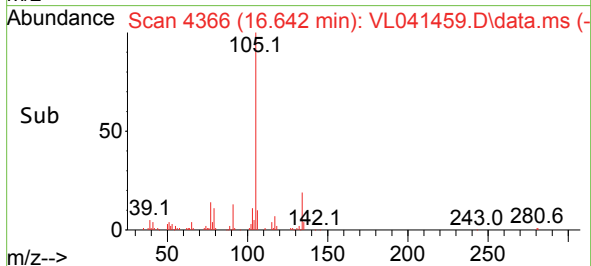
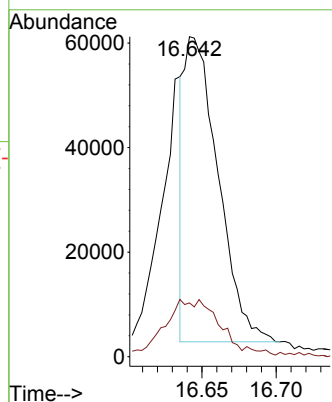
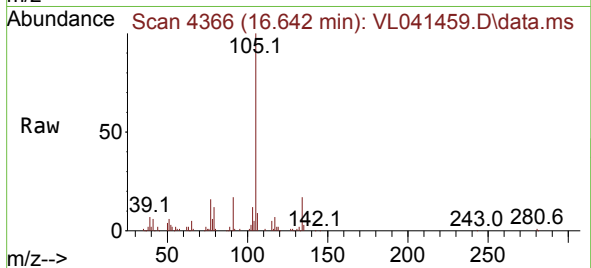
ClientSampleId :

Tgt Ion:105 Resp: 92910

Ion Ratio Lower Upper

105 100

134 32.8 14.5 21.7#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.082 ppbv

RT: 13.783 min Scan# 3477

Delta R.T. 0.000 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

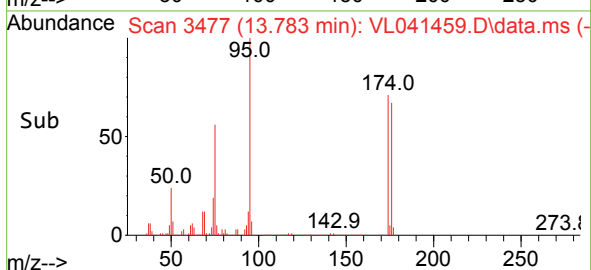
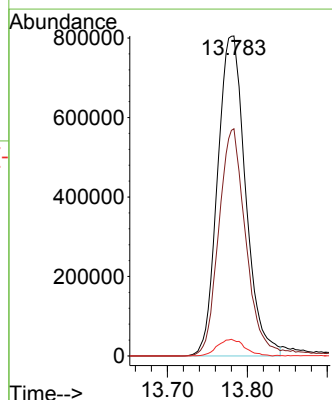
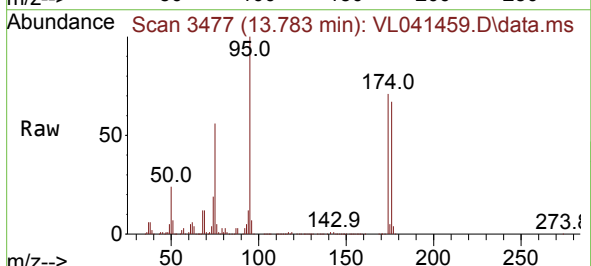
Tgt Ion: 95 Resp: 1956162

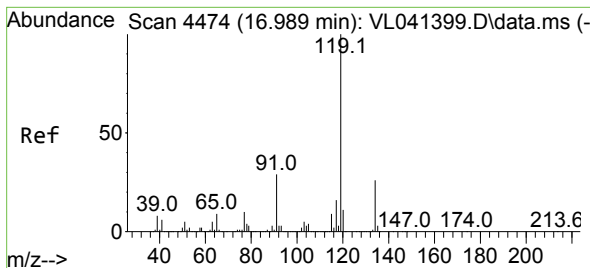
Ion Ratio Lower Upper

95 100

174 71.2 56.3 84.5

175 5.1 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.307 ppbv

RT: 17.005 min Scan# 4474

Delta R.T. 0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

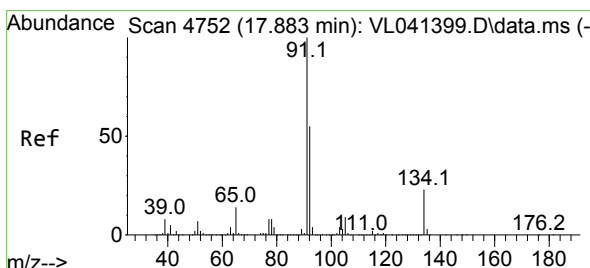
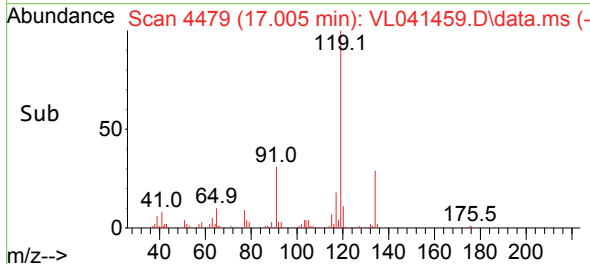
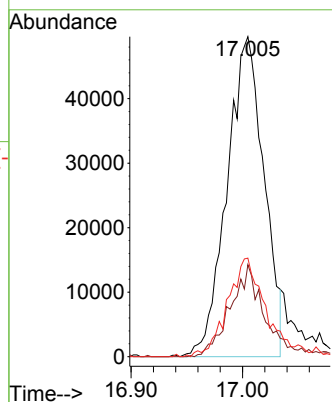
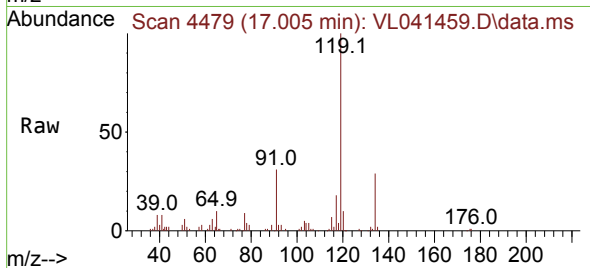
Tgt Ion:119 Resp: 114318

Ion Ratio Lower Upper

119 100

134 27.4 20.5 30.7

91 32.7 23.2 34.8



#70

n-Butylbenzene

Concen: 0.179 ppbv

RT: 17.895 min Scan# 4756

Delta R.T. 0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

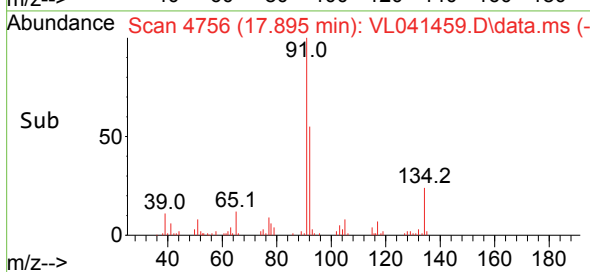
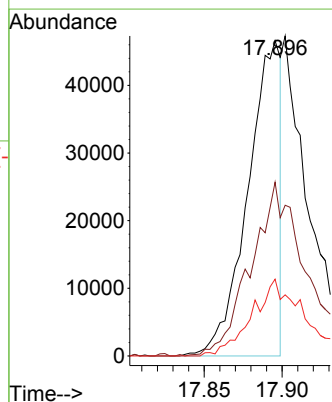
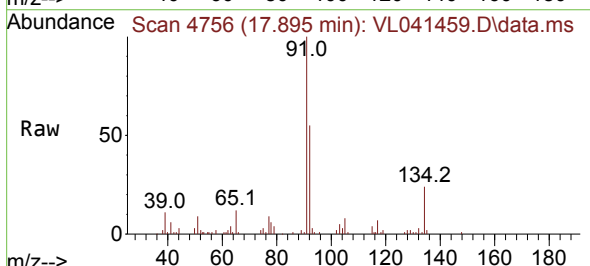
Tgt Ion: 91 Resp: 68345

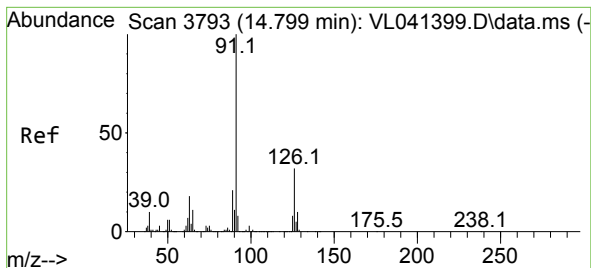
Ion Ratio Lower Upper

91 100

92 95.3 43.2 64.8#

134 40.6 18.5 27.7#

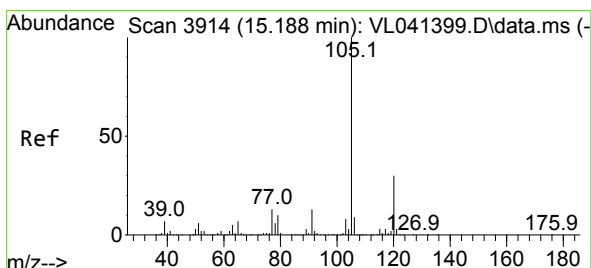
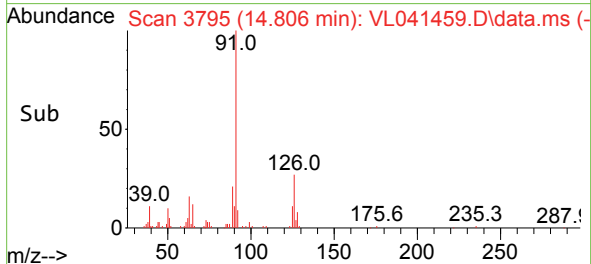
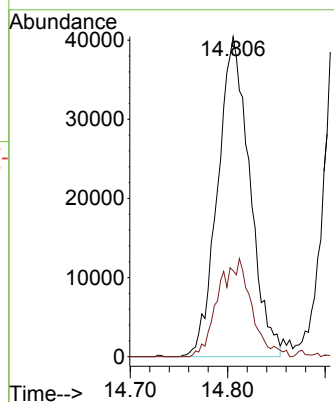
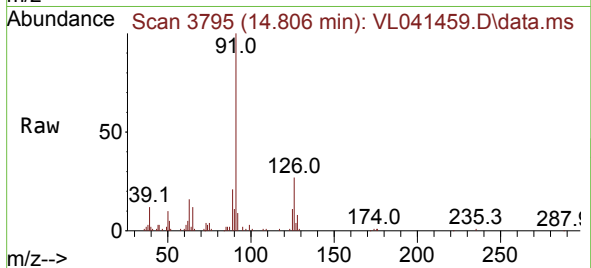




#71
2-Chlorotoluene
Concen: 0.347 ppbv
RT: 14.806 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

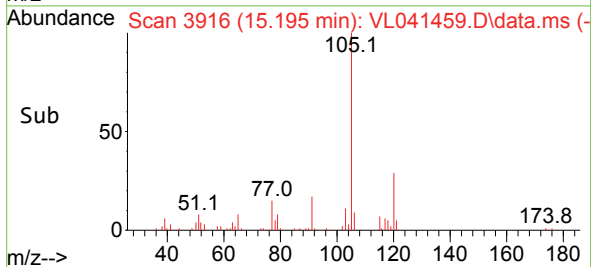
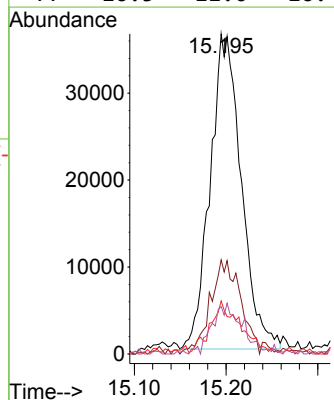
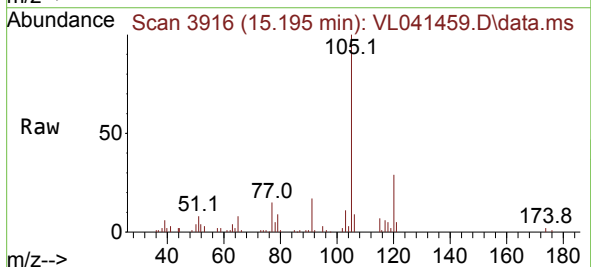
Instrument :
MSVOA_L
ClientSampleId :

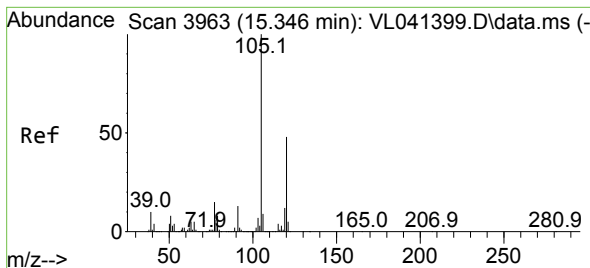
Tgt Ion: 91 Resp: 92272
Ion Ratio Lower Upper
91 100
126 31.9 12.7 50.9



#72
4-Ethyltoluene
Concen: 0.306 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 105 Resp: 85510
Ion Ratio Lower Upper
105 100
120 31.3 24.2 36.2
91 14.9 10.4 15.6
77 16.5 11.0 16.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.309 ppbv

RT: 15.362 min Scan# 3963

Delta R.T. 0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

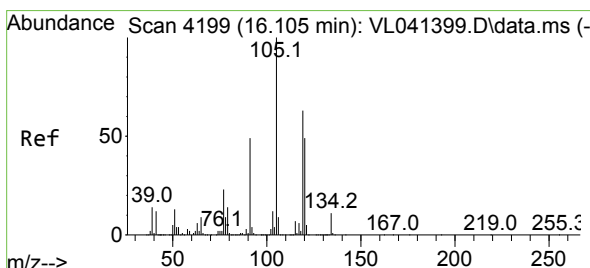
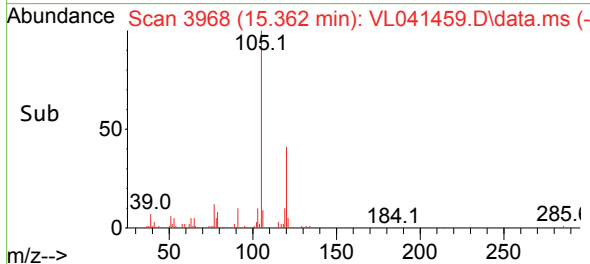
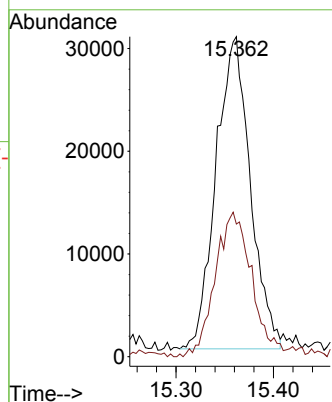
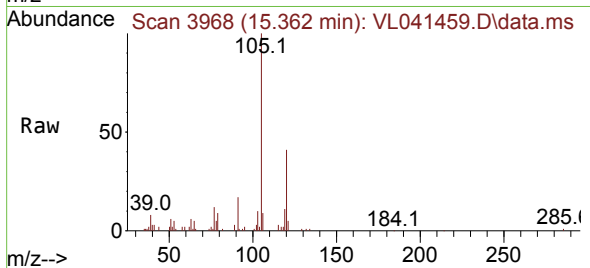
ClientSampleId :

Tgt Ion:105 Resp: 74423

Ion Ratio Lower Upper

105 100

120 41.7 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 0.093 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.000 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Tgt Ion:105 Resp: 26041

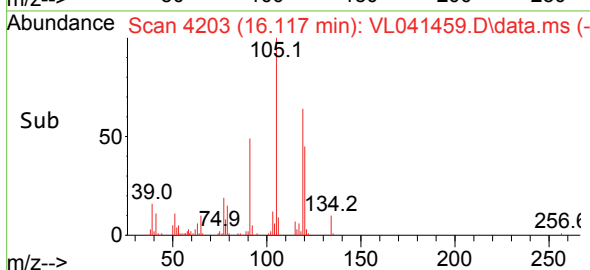
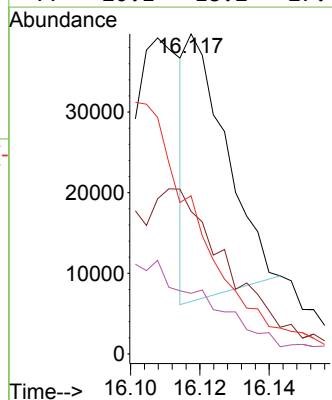
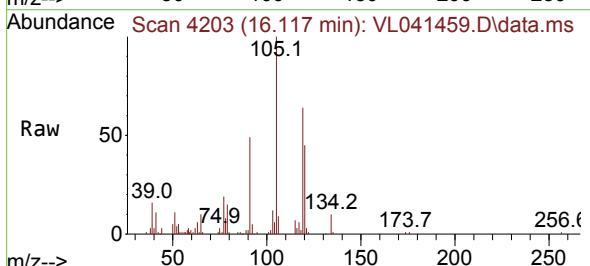
Ion Ratio Lower Upper

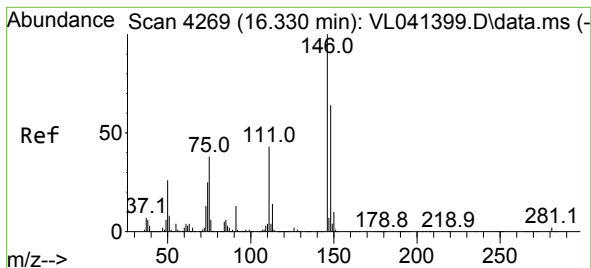
105 100

120 47.9 39.5 59.3

91 54.6 39.8 59.8

77 20.1 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 0.251 ppbv

RT: 16.339 min Scan# 4315

Delta R.T. 0.000 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

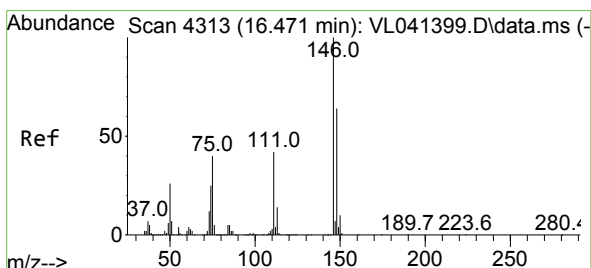
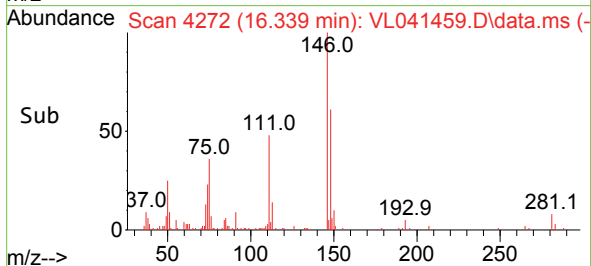
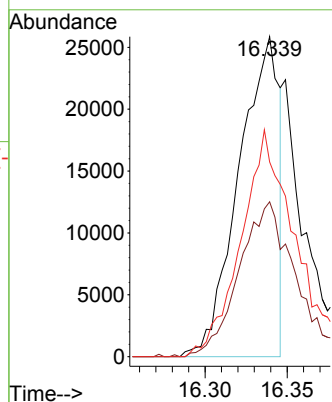
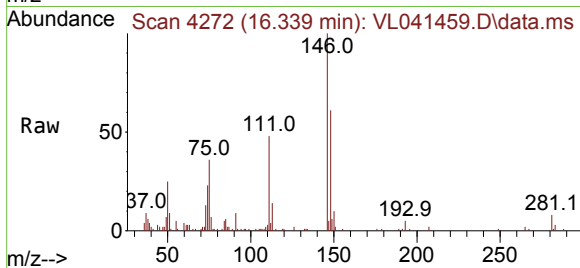
Tgt Ion:146 Resp: 44096

Ion Ratio Lower Upper

146 100

111 72.2 22.6 67.8#

148 102.0 32.3 96.8#



#76

1,4-Dichlorobenzene

Concen: 0.332 ppbv

RT: 16.478 min Scan# 4315

Delta R.T. -0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

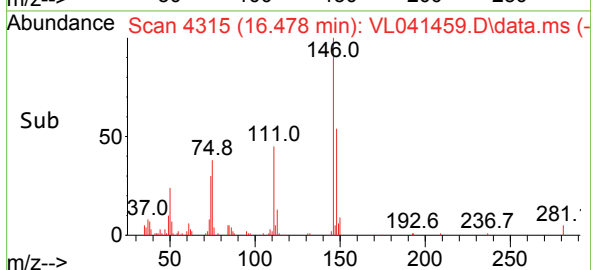
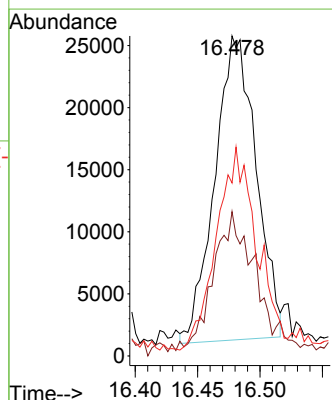
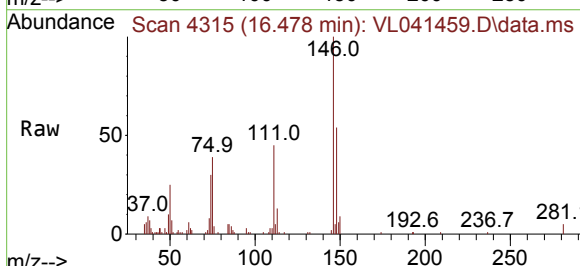
Tgt Ion:146 Resp: 56542

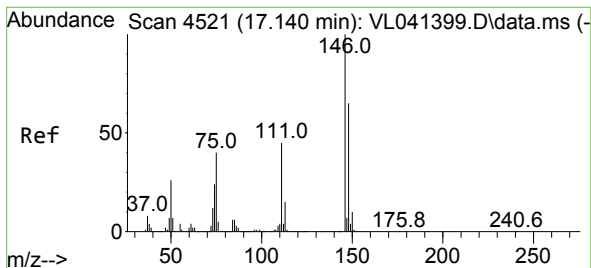
Ion Ratio Lower Upper

146 100

111 54.1 22.4 67.0

148 76.6 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 0.193 ppbv

RT: 17.153 min Scan# 4

Delta R.T. 0.003 min

Lab File: VL041459.D

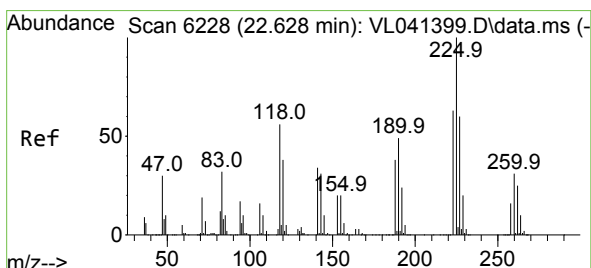
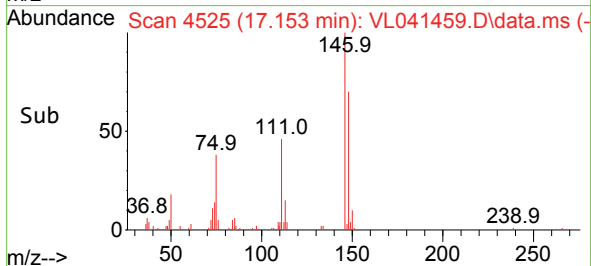
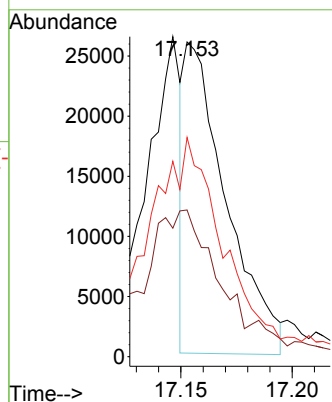
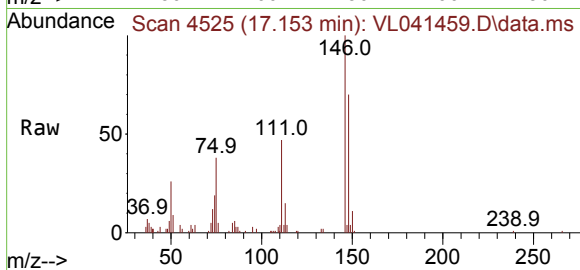
Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	146	Resp:	33736
Ion Ratio	Lower	Upper	
146	100		
111	95.6	23.4	70.0#
148	138.8	32.2	96.6#



#78

Hexachloro-1,3-Butadiene

Concen: 0.210 ppbv

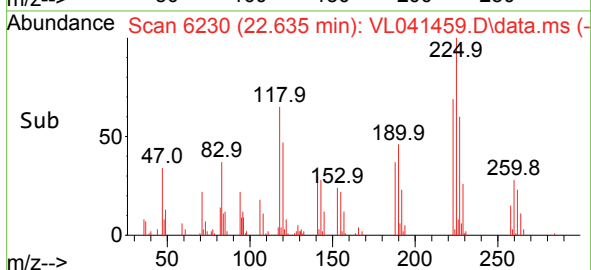
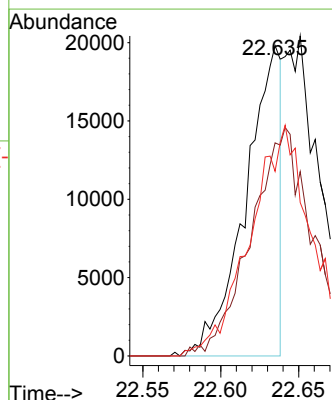
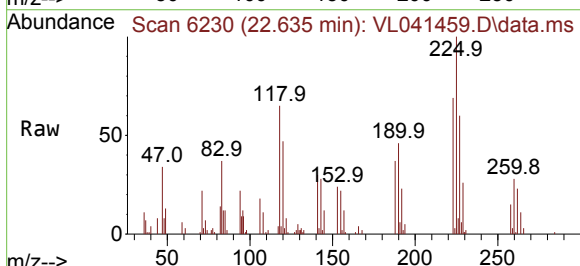
RT: 22.635 min Scan# 6230

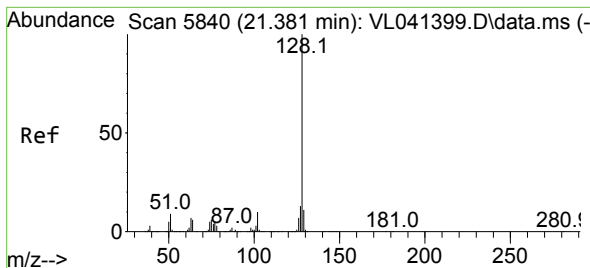
Delta R.T. -0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Tgt Ion:	225	Resp:	31158
Ion Ratio	Lower	Upper	
225	100		
223	0.0	50.6	76.0#
227	0.0	50.8	76.2#





#79

Naphthalene

Concen: 0.115 ppbv

RT: 21.394 min Scan# 5844

Delta R.T. 0.003 min

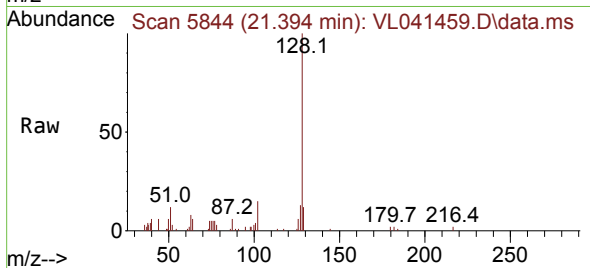
Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :



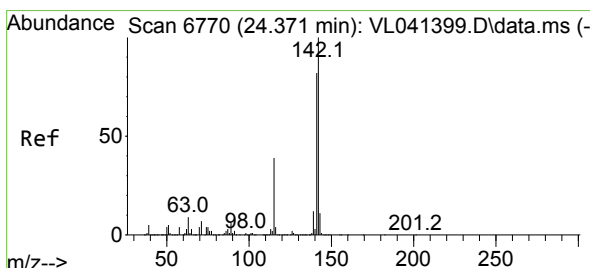
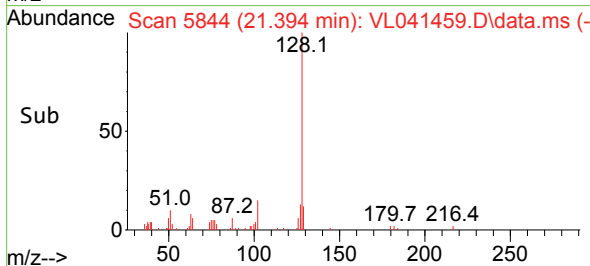
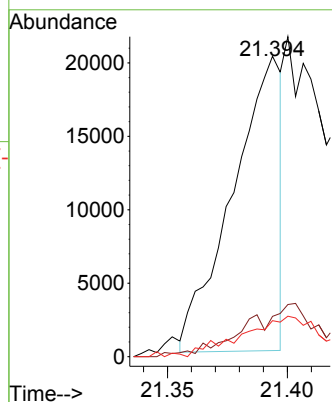
Tgt Ion:128 Resp: 28360

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.8 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 0.076 ppbv

RT: 24.384 min Scan# 6774

Delta R.T. 0.007 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

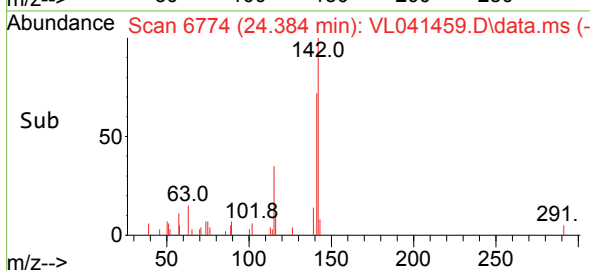
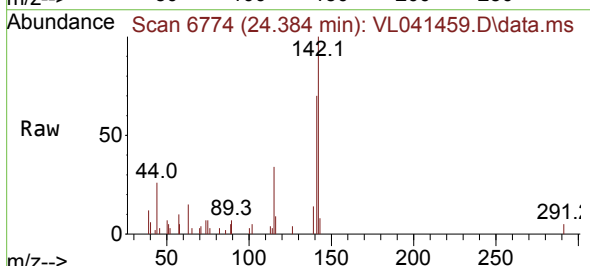
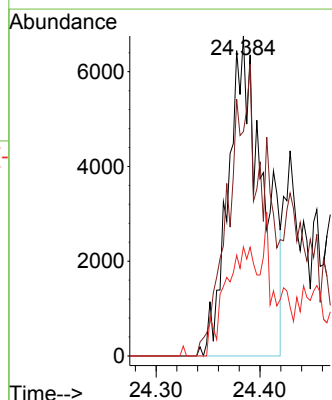
Tgt Ion:142 Resp: 15657

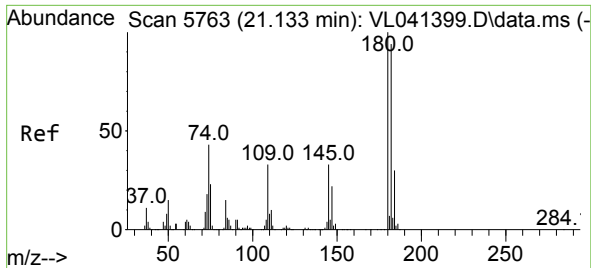
Ion Ratio Lower Upper

142 100

141 92.5 67.0 100.4

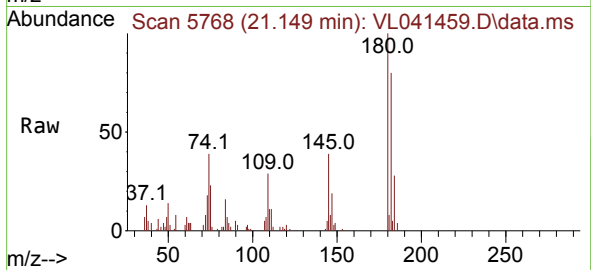
115 0.0 32.2 48.2#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.013 ppbv
 RT: 21.149 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1949
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.7 115.1#
 184 0.0 24.5 36.7#

