

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041458.D
 Acq On : 31 Jul 2024 11:34
 Operator : SY/MD
 Sample : P3390-13 0.45 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 01 03:53:37 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	986873	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2721624	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2523121	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1949146	10.038	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	93459	0.550	ppbv	94
3) Chlorodifluoromethane	2.677	51	59608	0.507	ppbv	99
4) Chloromethane	2.816	50	30841	0.494	ppbv	99
5) Vinyl Chloride	2.925	62	28033	0.455	ppbv	95
6) Bromomethane	3.124	94	15388	0.486	ppbv	87
7) Chloroethane	3.201	64	10651	0.501	ppbv #	88
8) Dichlorotetrafluoroethane	2.861	85	75690	0.503	ppbv	99
9) Propene	2.700	41	25538	0.473	ppbv	98
10) Heptane	7.581	43	49332	0.407	ppbv	98
11) Trichlorofluoromethane	3.562	101	72646	0.482	ppbv	84
12) 1,1,2-Trichlorotrifluo...	4.066	101	53344	0.491	ppbv	96
13) Ethanol	3.272	45	1084	0.225	ppbv #	1
14) Bromoethene	3.365	108	18778	0.444	ppbv #	88
15) Acetone	3.488	43	52604	0.469	ppbv #	86
16) 1,3-Butadiene	2.989	39	23673	0.395	ppbv	84
17) tert-Butyl alcohol	3.896	59	47454	0.464	ppbv	99
18) 1,1-Dichloroethene	3.883	96	22873	0.492	ppbv	87
19) Isopropyl Alcohol	3.600	45	27219	0.415	ppbv #	90
20) Methylene Chloride	3.938	84	22148	0.530	ppbv	92
21) Allyl Chloride	3.999	41	30203	0.411	ppbv #	78
22) trans-1,2-Dichloroethene	4.449	96	20854	0.449	ppbv	91
23) Vinyl Acetate	4.642	43	38285	0.447	ppbv #	93
24) 1,1-Dichloroethane	4.565	63	47217	0.468	ppbv	99
25) Ethyl Acetate	5.214	43	94231	0.423	ppbv #	96
26) Hexane	5.214	57	40760	0.441	ppbv	92
27) Carbon Disulfide	4.131	76	38168	0.353	ppbv #	68
28) Methyl tert-Butyl Ether	4.600	73	27377	0.470	ppbv	96
29) Chloroform	5.275	83	68853	0.457	ppbv	97
30) Cyclohexane	6.603	84	16480	0.219	ppbv #	24
31) cis-1,2-Dichloroethene	5.086	61	14427	0.158	ppbv	95
32) 1,1,1-Trichloroethane	6.002	97	63319	0.432	ppbv	96
34) 2-Butanone	4.803	43	52227	0.397	ppbv	94
35) Carbon Tetrachloride	6.500	117	64220	0.428	ppbv #	91
36) Benzene	6.369	78	85020	0.428	ppbv	96
37) 1,2-Dichloroethane	5.806	62	52421	0.471	ppbv	97
38) Trichloroethene	7.291	130	39389	0.432	ppbv	92
39) 1,2-Dichloropropane	7.076	63	17552	0.231	ppbv	92
40) 1,4-Dioxane	7.288	88	226	0.007	ppbv #	1
41) Tetrahydrofuran	5.581	42	27056	0.359	ppbv #	91
42) Bromodichloromethane	7.253	83	63452	0.395	ppbv	95
43) Methyl Methacrylate	7.475	69	6614	0.093	ppbv #	1
44) 2,2,4-Trimethylpentane	7.327	57	141936	0.427	ppbv	93
45) t-1,3-Dichloropropene	8.709	75	8417	0.128	ppbv	98

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 QLast Update : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

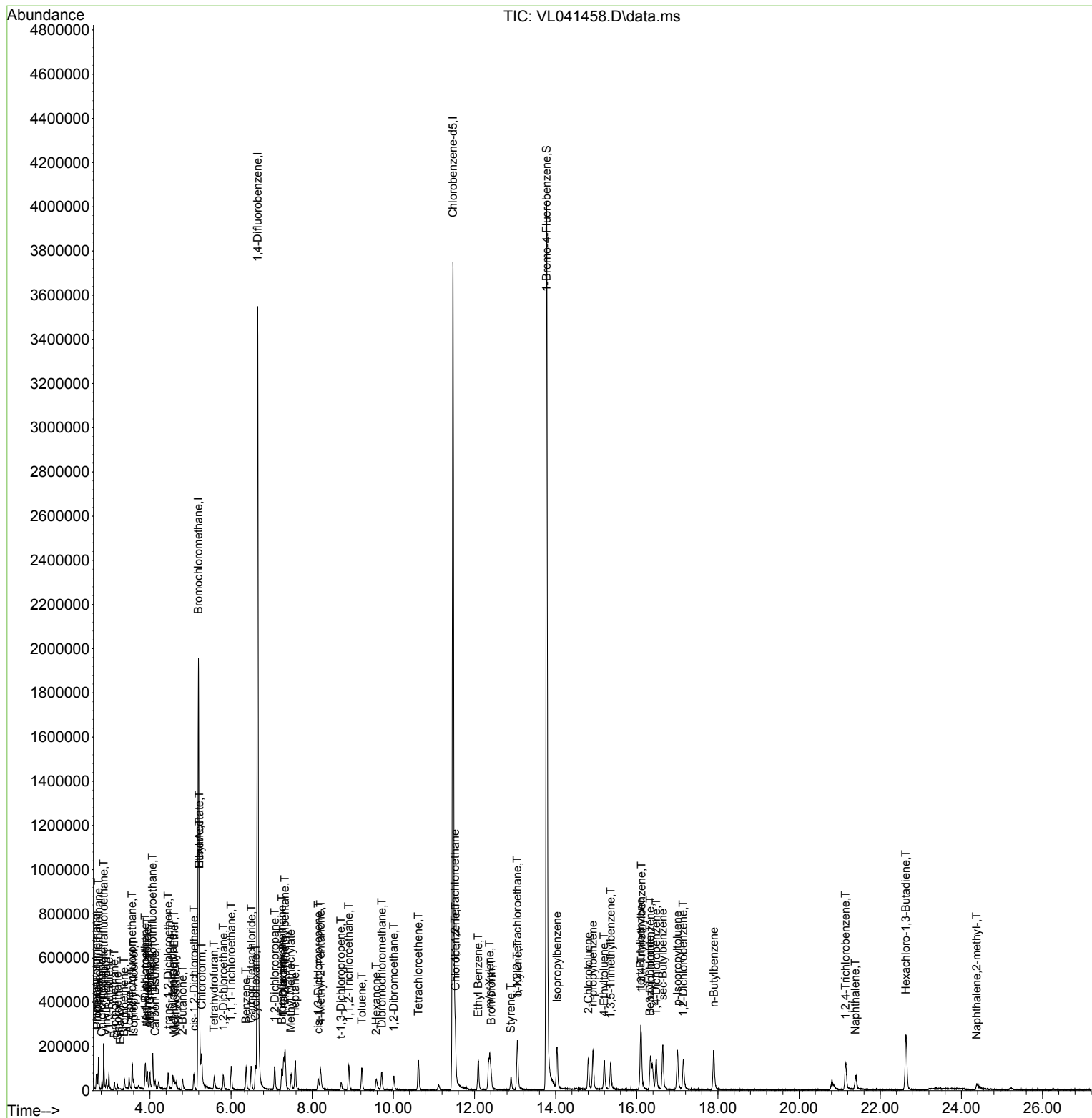
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	7930	0.084	ppbv #	40
47) 1,1,2-Trichloroethane	8.896	97	37068	0.442	ppbv	90
48) Dibromochloromethane	9.716	129	27203	0.201	ppbv #	24
49) Bromoform	12.410	173	20993	0.184	ppbv #	40
50) 4-Methyl-2-Pentanone	8.204	43	76216	0.367	ppbv	98
51) 2-Hexanone	9.574	43	24105	0.153	ppbv #	30
52) Tetrachloroethene	10.619	164	17110	0.223	ppbv	97
53) Toluene	9.221	91	39940	0.180	ppbv #	14
54) 1,2-Dibromoethane	10.011	107	46986	0.421	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.516	131	17548	0.179	ppbv #	1
57) Chlorobenzene	11.532	112	39044	0.217	ppbv #	87
58) Ethyl Benzene	12.092	91	111881	0.385	ppbv #	87
59) m/p-Xylene	12.372	91	112448	0.448	ppbv #	46
60) o-Xylene	13.063	91	90339	0.380	ppbv	99
61) Styrene	12.896	104	31023	0.290	ppbv	89
62) Isopropylbenzene	14.034	105	152382	0.422	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.053	83	70747	0.472	ppbv	95
64) n-propylbenzene	14.918	120	37447	0.397	ppbv	74
65) tert-Butylbenzene	16.092	119	65081	0.200	ppbv #	19
66) Benzyl Chloride	16.326	91	3951	0.189	ppbv #	94
67) sec-Butylbenzene	16.641	105	187315	0.417	ppbv	100
69) p-Isopropyltoluene	17.002	119	138358	0.371	ppbv	95
70) n-Butylbenzene	17.899	91	152186	0.398	ppbv	96
71) 2-Chlorotoluene	14.806	91	109829	0.413	ppbv	100
72) 4-Ethyltoluene	15.195	105	101829	0.364	ppbv #	93
73) 1,3,5-Trimethylbenzene	15.355	105	93690	0.389	ppbv	94
74) 1,2,4-Trimethylbenzene	16.114	105	113505	0.405	ppbv #	94
75) 1,3-Dichlorobenzene	16.333	146	41363	0.235	ppbv #	23
76) 1,4-Dichlorobenzene	16.477	146	67894	0.398	ppbv	85
77) 1,2-Dichlorobenzene	17.143	146	34183	0.196	ppbv #	23
78) Hexachloro-1,3-Butadiene	22.628	225	35847	0.241	ppbv #	19
79) Naphthalene	21.384	128	32191	0.130	ppbv	98
80) Naphthalene,2-methyl-	24.377	142	31548	0.152	ppbv	93
81) 1,2,4-Trichlorobenzene	21.146	180	25601	0.174	ppbv #	9

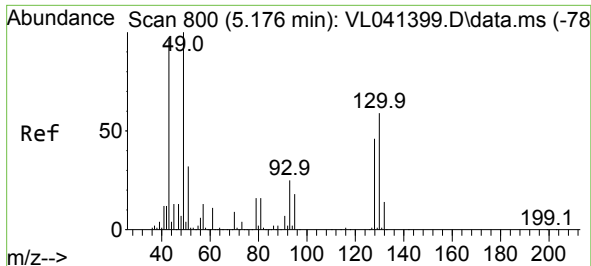
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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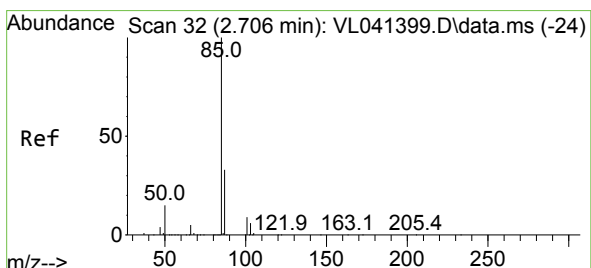
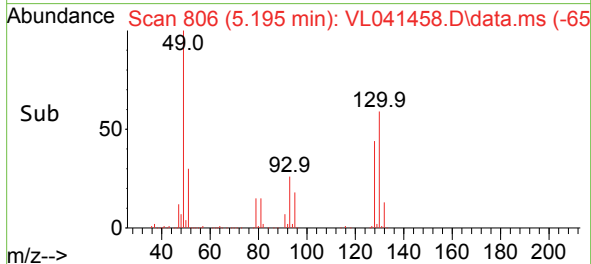
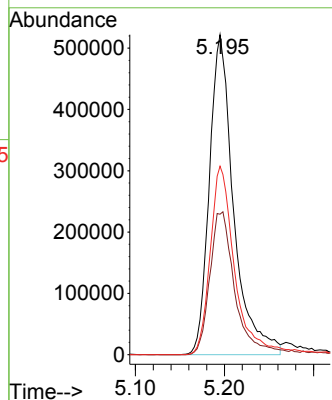
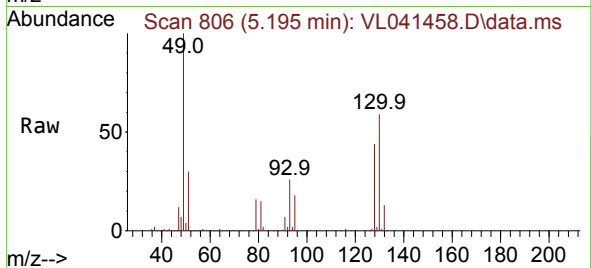




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041458.D
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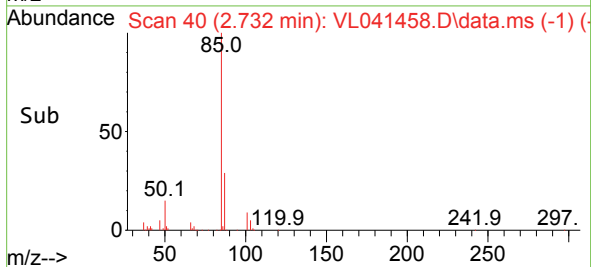
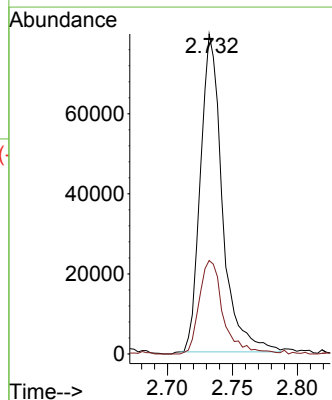
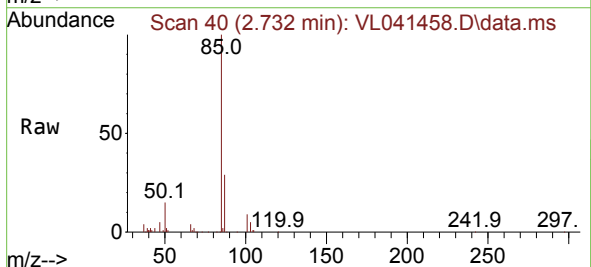
Instrument :
MSVOA_L
ClientSampleId :

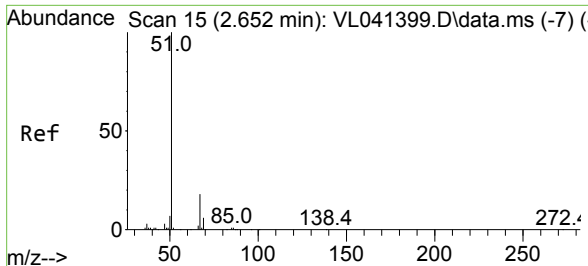
Tgt Ion: 49 Resp: 986873
Ion Ratio Lower Upper
49 100
128 48.0 23.8 71.4
130 61.8 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 0.550 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 85 Resp: 93459
Ion Ratio Lower Upper
85 100
87 29.4 26.0 39.0

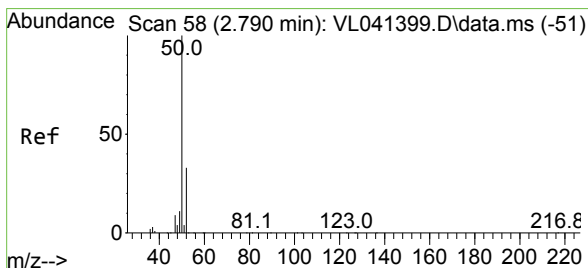
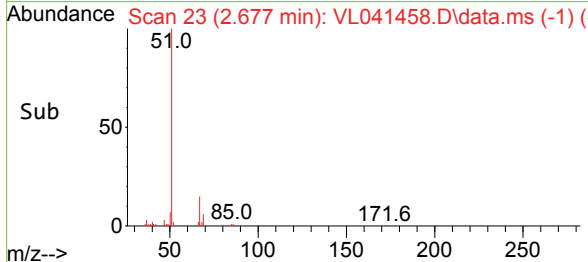
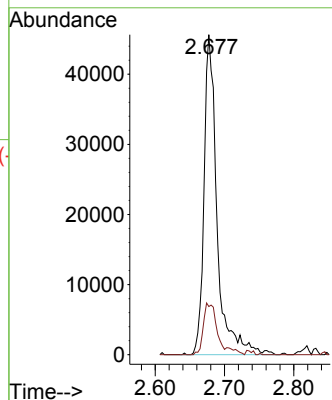
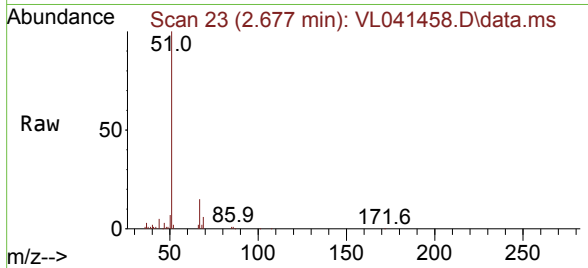




#3
Chlorodifluoromethane
Concen: 0.507 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

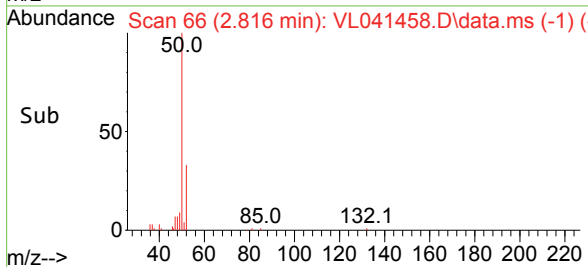
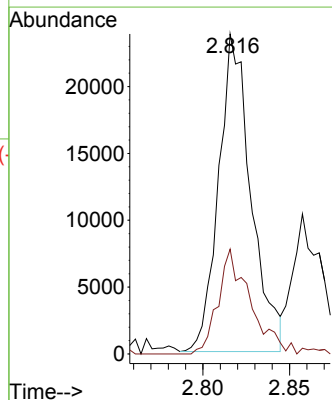
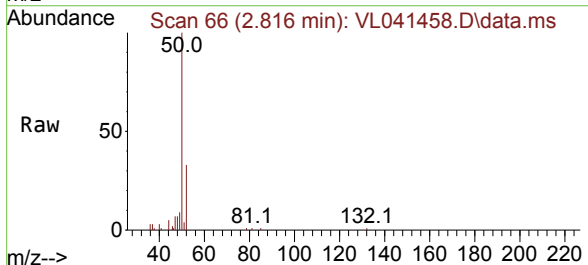
Instrument :
MSVOA_L
ClientSampleId :

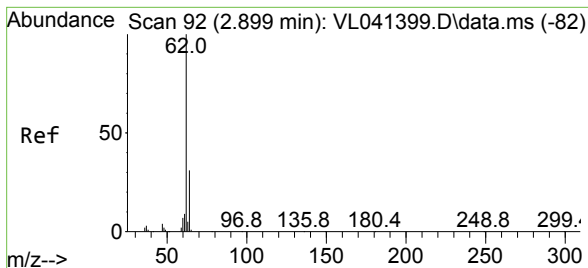
Tgt Ion: 51 Resp: 59608
Ion Ratio Lower Upper
51 100
67 17.6 14.5 21.7



#4
Chloromethane
Concen: 0.494 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 50 Resp: 30841
Ion Ratio Lower Upper
50 100
52 33.0 26.1 39.1

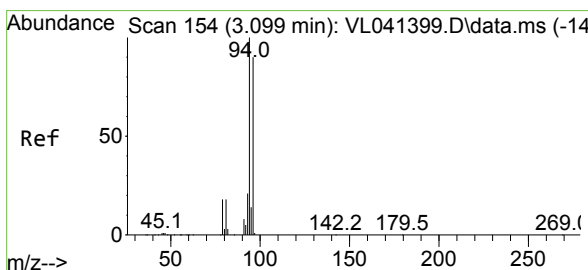
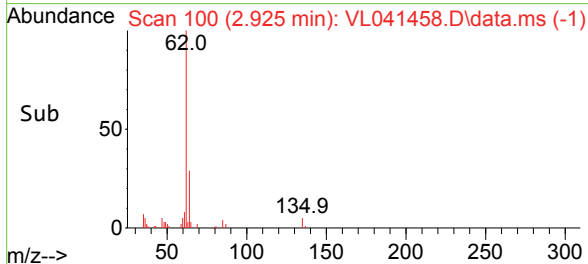
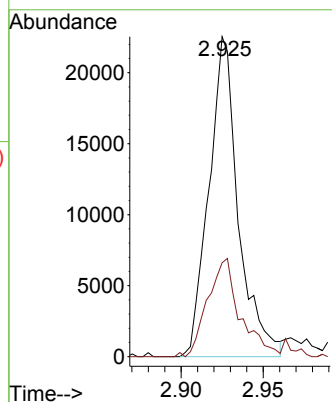
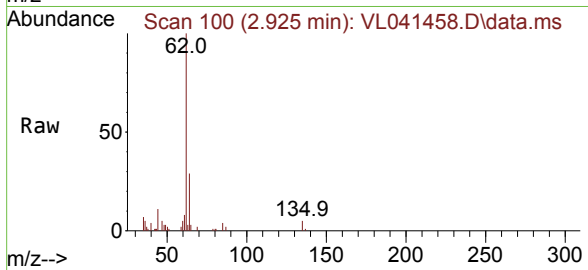




#5
 Vinyl Chloride
 Concen: 0.455 ppbv
 RT: 2.925 min Scan# 100
 Delta R.T. 0.003 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

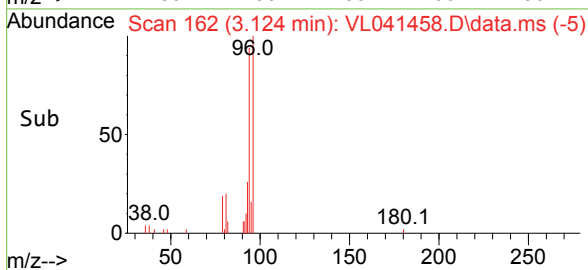
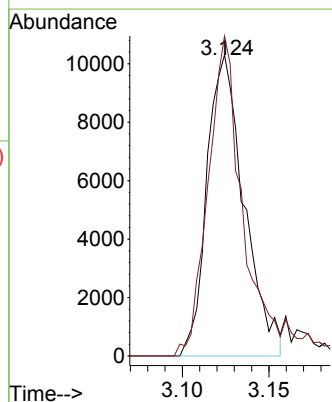
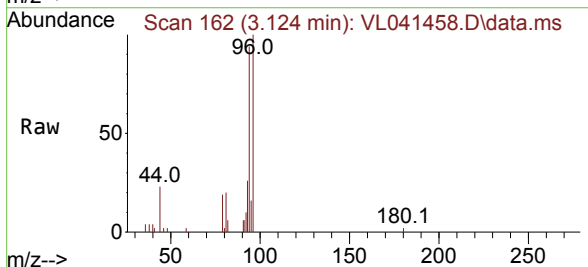
Instrument :
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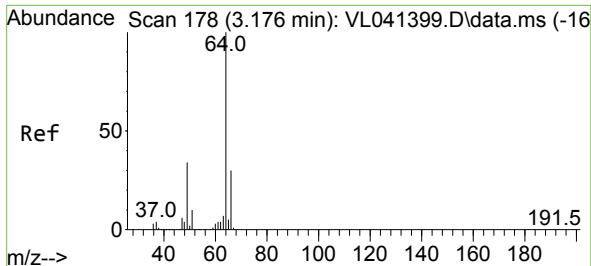
Tgt Ion: 62 Resp: 28033
 Ion Ratio Lower Upper
 62 100
 64 28.3 25.0 37.4



#6
 Bromomethane
 Concen: 0.486 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

Tgt Ion: 94 Resp: 15388
 Ion Ratio Lower Upper
 94 100
 96 102.4 72.3 108.5

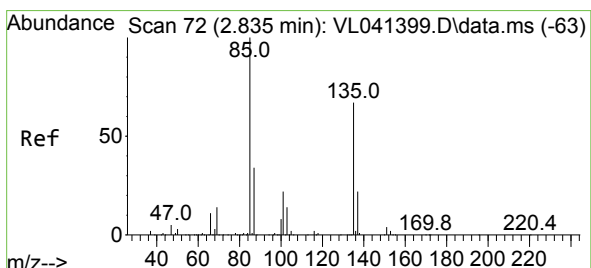
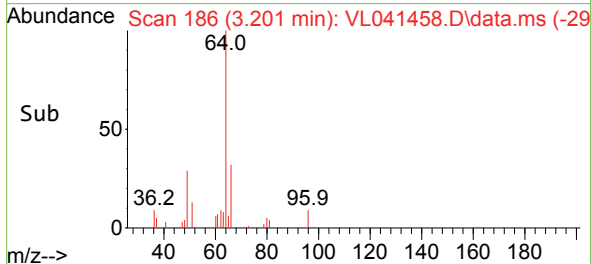
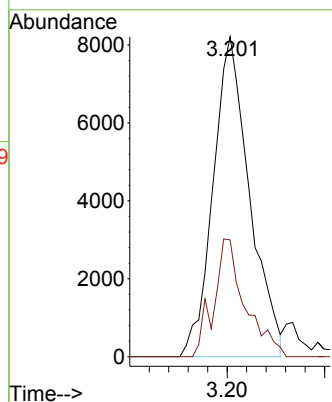
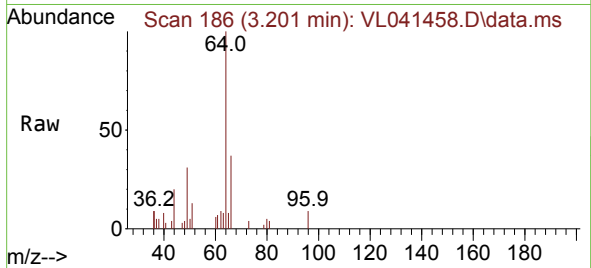




#7
Chloroethane
Concen: 0.501 ppbv
RT: 3.201 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

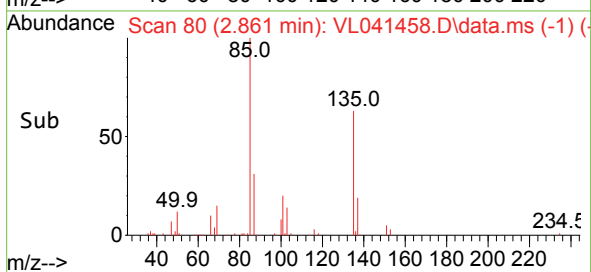
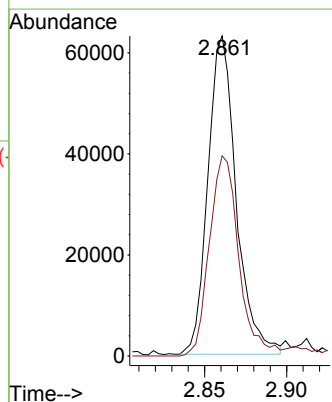
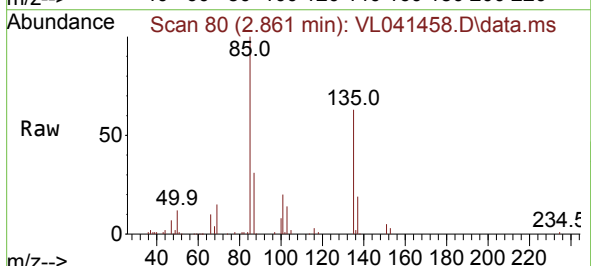
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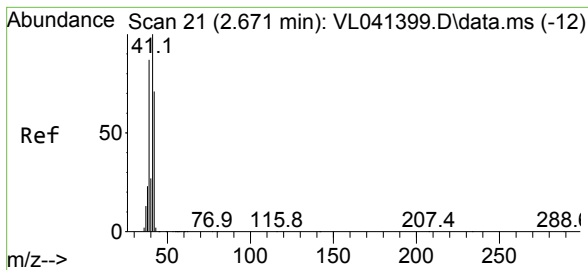
Tgt Ion: 64 Resp: 10651
Ion Ratio Lower Upper
64 100
66 36.5 24.2 36.2#



#8
Dichlorotetrafluoroethane
Concen: 0.503 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 85 Resp: 75690
Ion Ratio Lower Upper
85 100
135 68.4 55.4 83.0





#9

Propene

Concen: 0.473 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.006 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

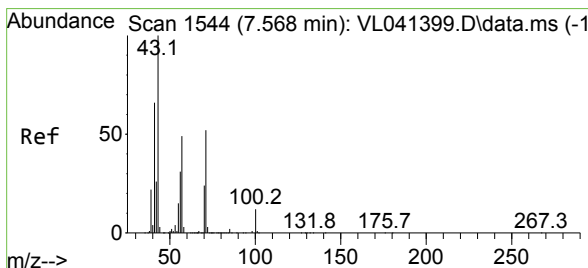
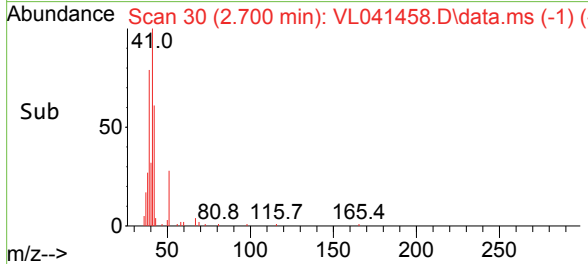
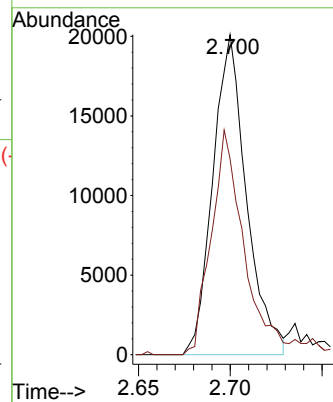
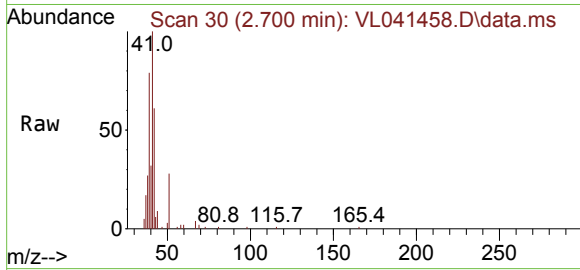
ClientSampleId :

Tgt Ion: 41 Resp: 25538

Ion Ratio Lower Upper

41 100

42 71.5 55.9 83.9



#10

Heptane

Concen: 0.407 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.003 min

Lab File: VL041458.D

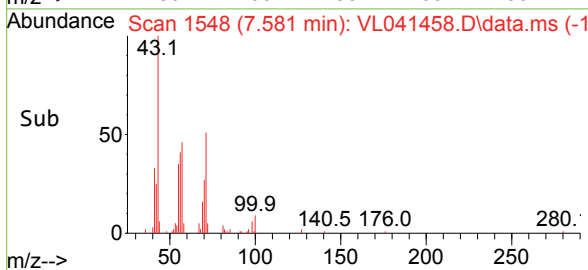
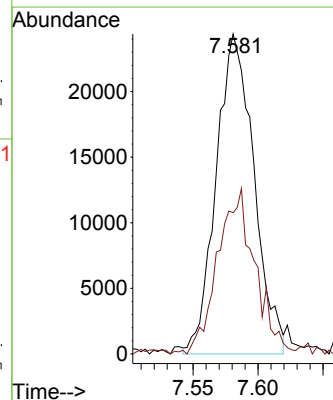
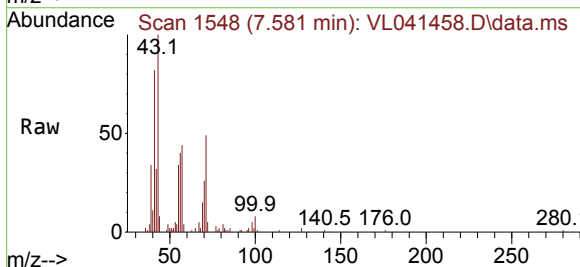
Acq: 31 Jul 2024 11:34

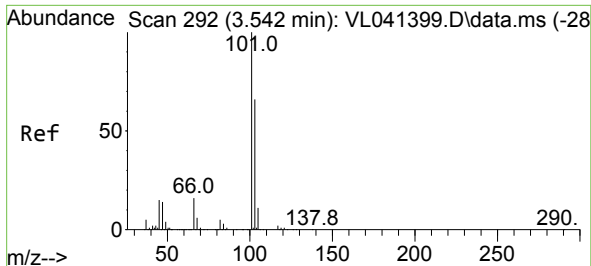
Tgt Ion: 43 Resp: 49332

Ion Ratio Lower Upper

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57 52.0 40.5 60.7

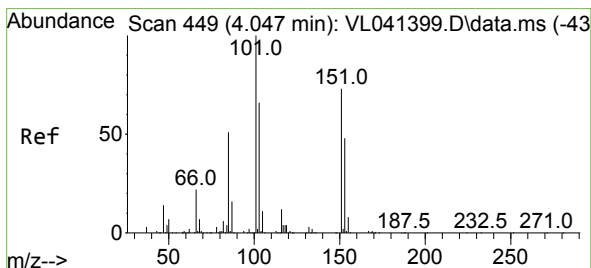
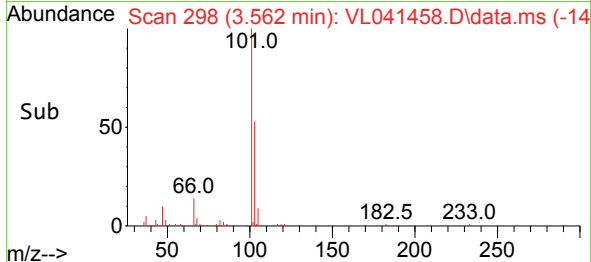
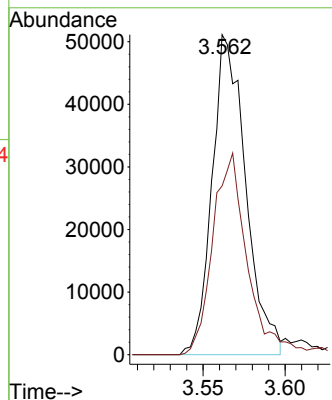
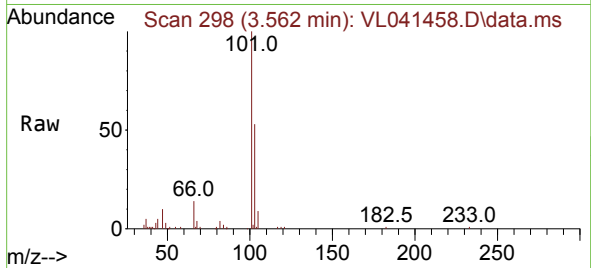




#11
 Trichlorofluoromethane
 Concen: 0.482 ppbv
 RT: 3.562 min Scan# 292
 Delta R.T. -0.003 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

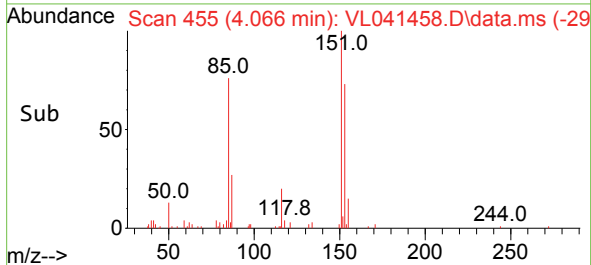
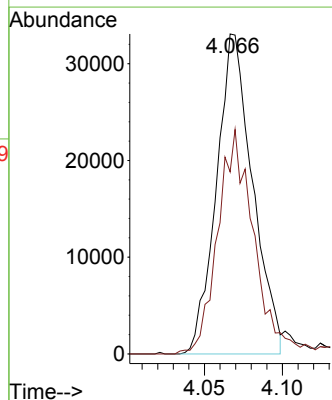
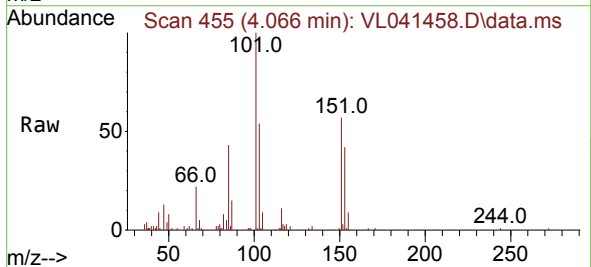
Instrument :
 MSVOA_L
 ClientSampleId :

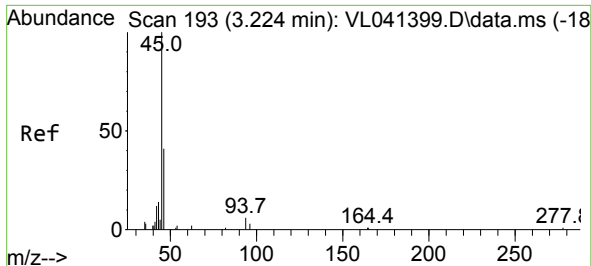
Tgt Ion:101 Resp: 72646
 Ion Ratio Lower Upper
 101 100
 103 52.7 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.491 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.000 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

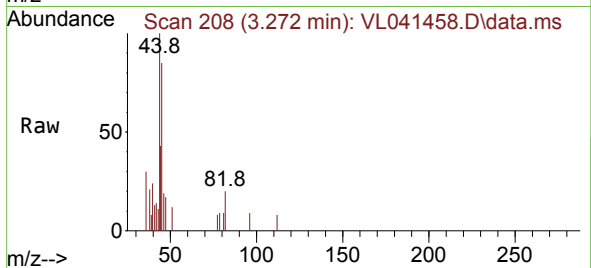
Tgt Ion:101 Resp: 53344
 Ion Ratio Lower Upper
 101 100
 151 71.1 59.4 89.2



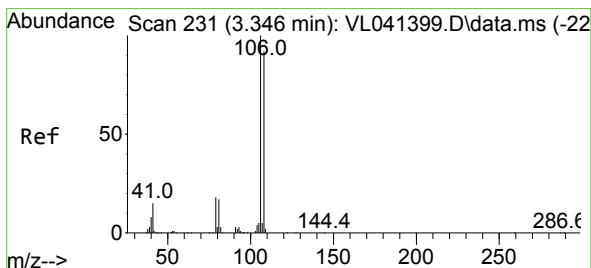
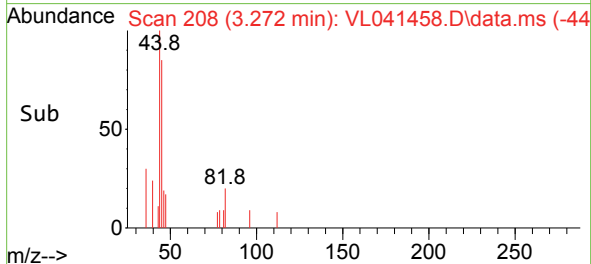
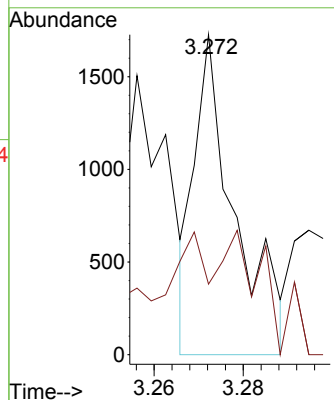


#13
Ethanol
Concen: 0.225 ppbv
RT: 3.272 min Scan# 208
Delta R.T. 0.026 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :

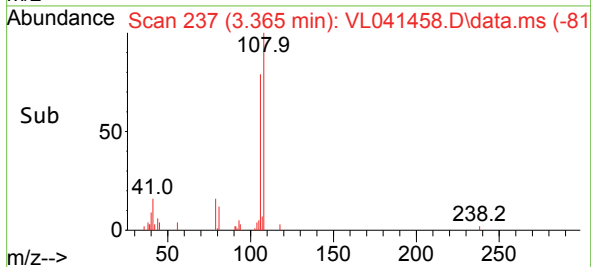
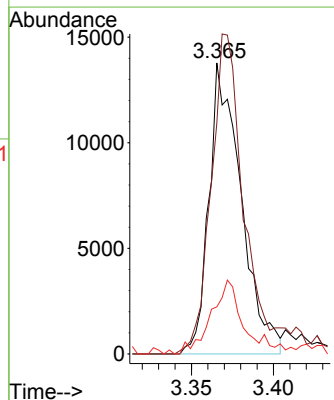
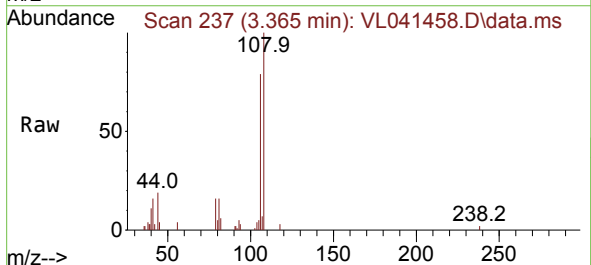


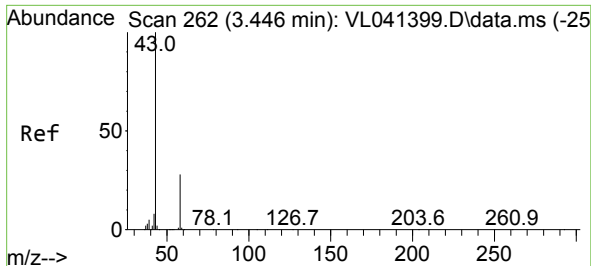
Tgt Ion: 45 Resp: 1084
Ion Ratio Lower Upper
45 100
46 94.4 13.4 53.4#



#14
Bromoethene
Concen: 0.444 ppbv
RT: 3.365 min Scan# 237
Delta R.T. -0.000 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion:108 Resp: 18778
Ion Ratio Lower Upper
108 100
106 120.1 86.9 130.3
79 28.6 16.2 24.4#

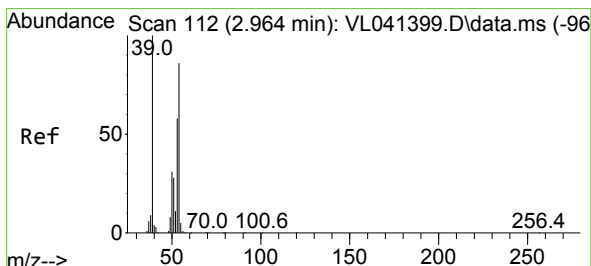
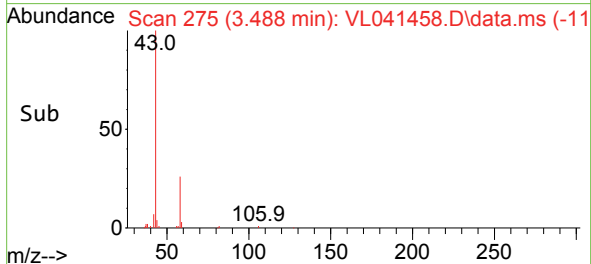
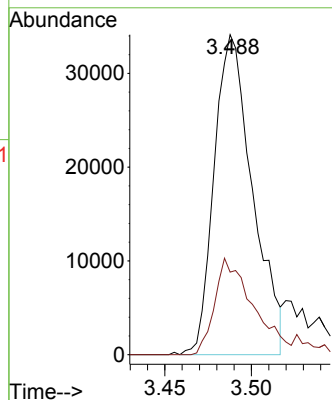
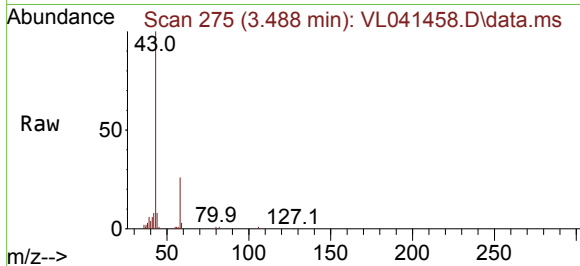




#15
Acetone
Concen: 0.469 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

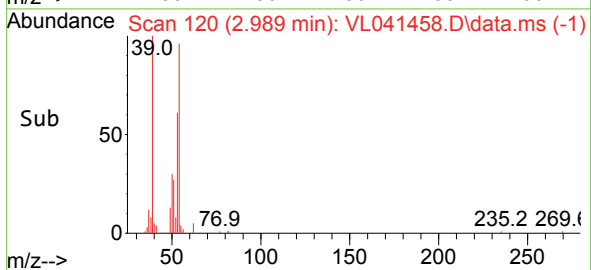
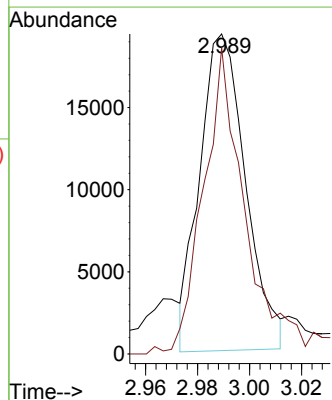
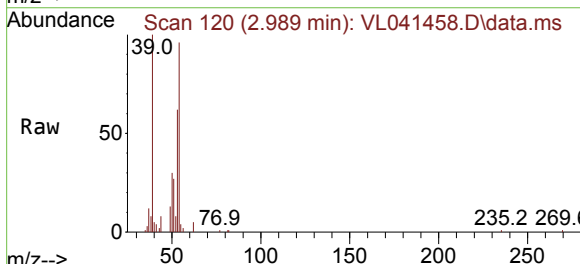
Instrument :
MSVOA_L
ClientSampleId :

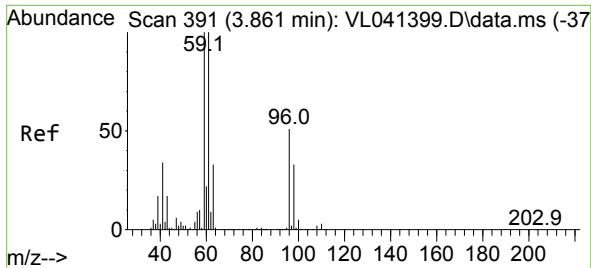
Tgt Ion: 43 Resp: 52604
Ion Ratio Lower Upper
43 100
58 34.1 21.4 32.2#



#16
1,3-Butadiene
Concen: 0.395 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 39 Resp: 23673
Ion Ratio Lower Upper
39 100
54 92.3 62.5 93.7

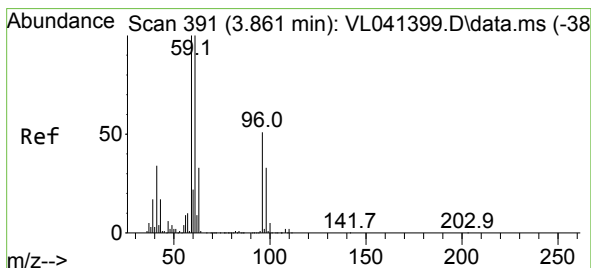
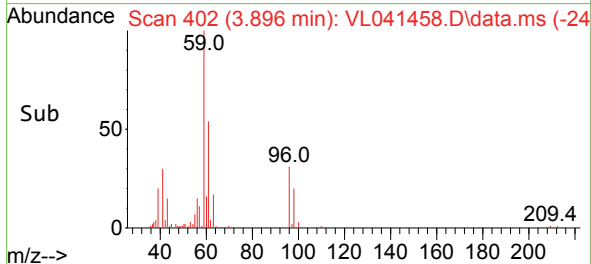
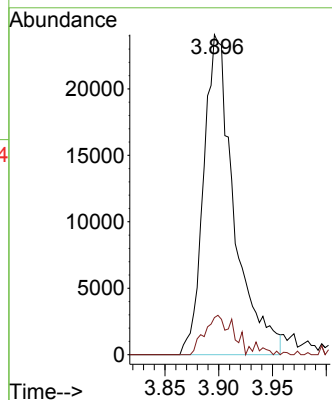
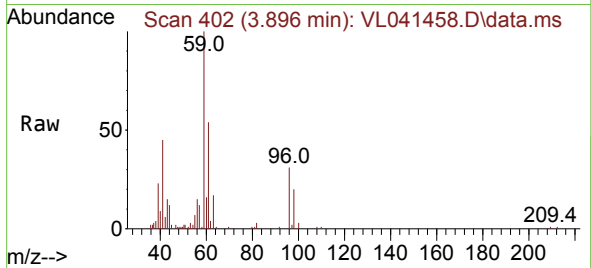




#17
tert-Butyl alcohol
Concen: 0.464 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.019 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

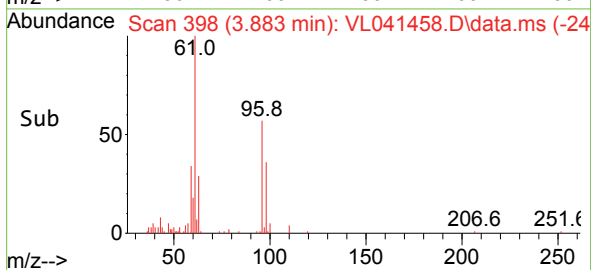
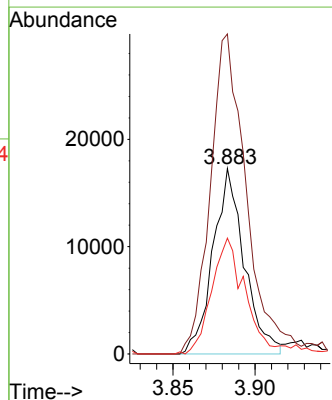
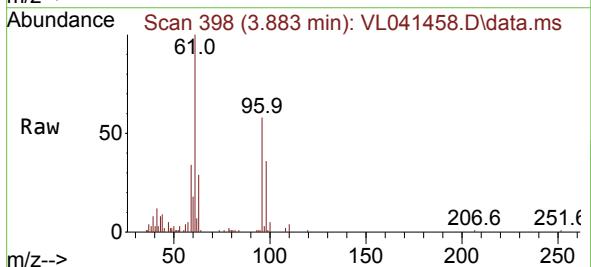
Instrument :
MSVOA_L
ClientSampleId :

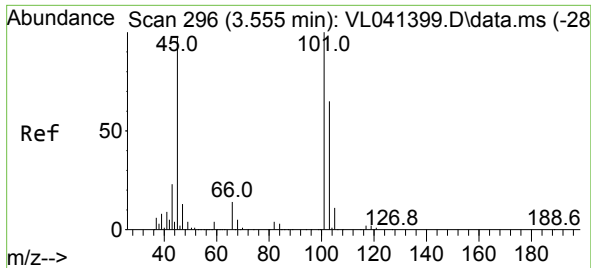
Tgt Ion: 59 Resp: 47454
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8



#18
1,1-Dichloroethene
Concen: 0.492 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 96 Resp: 22873
Ion Ratio Lower Upper
96 100
61 172.6 157.5 236.3
98 61.3 51.2 76.8





#19

Isopropyl Alcohol

Concen: 0.415 ppbv

RT: 3.600 min Scan# 310

Delta R.T. 0.026 min

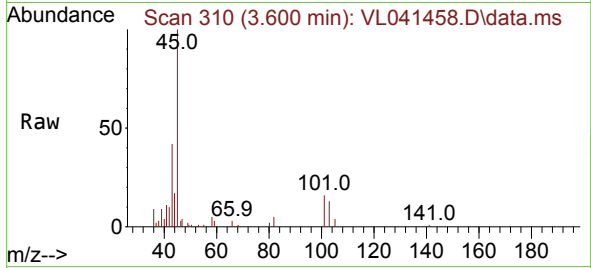
Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

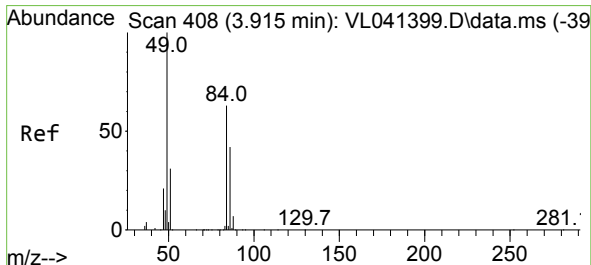
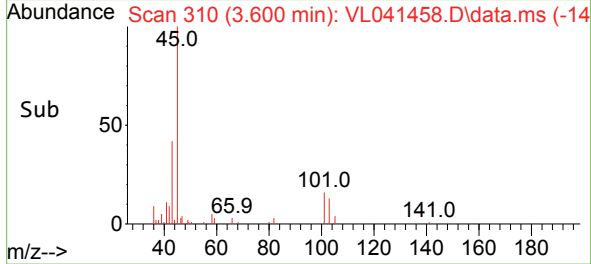
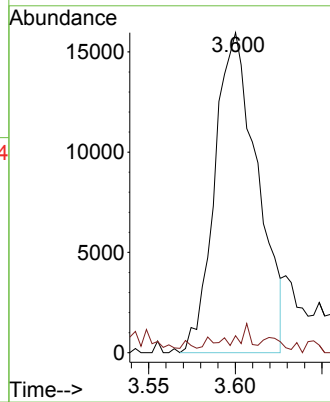
MSVOA_L

ClientSampleId :



Tgt Ion: 45 Resp: 27219

Ion	Ratio	Lower	Upper
45	100		
58	5.7	1.9	2.9#



#20

Methylene Chloride

Concen: 0.530 ppbv

RT: 3.938 min Scan# 415

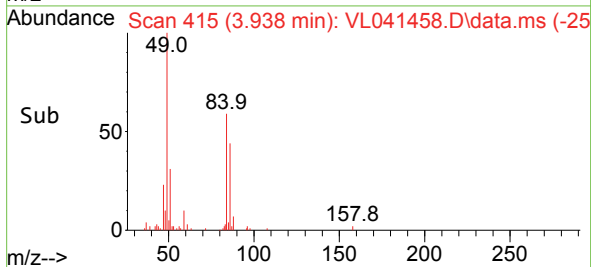
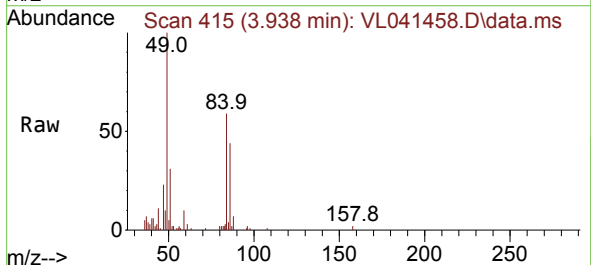
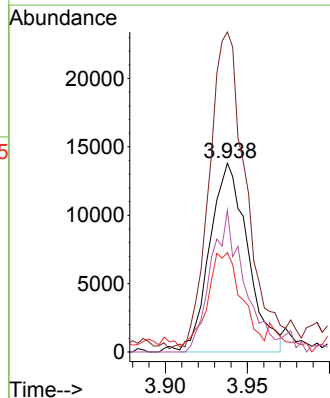
Delta R.T. 0.003 min

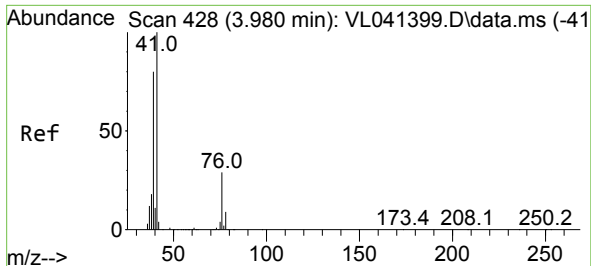
Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Tgt Ion: 84 Resp: 22148

Ion	Ratio	Lower	Upper
84	100		
49	167.5	126.6	190.0
51	50.7	38.6	58.0
86	76.0	53.0	79.4

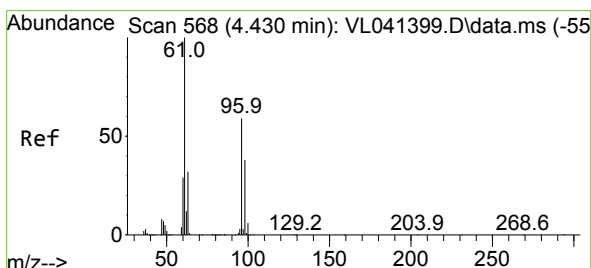
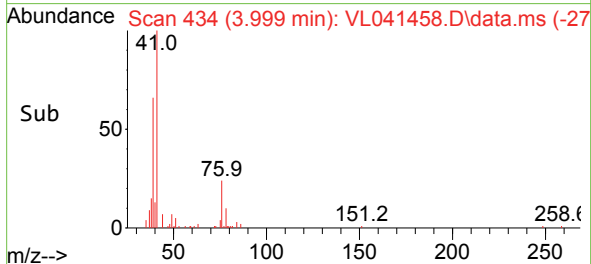
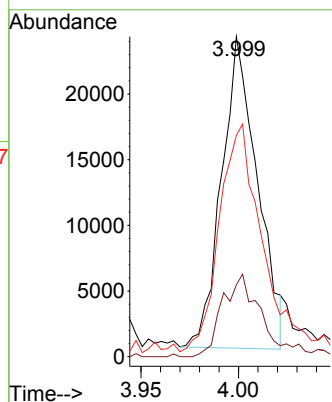
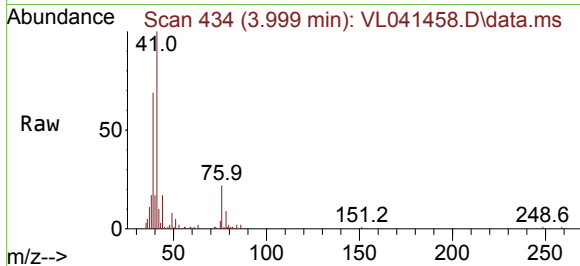




#21
 Allyl Chloride
 Concen: 0.411 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

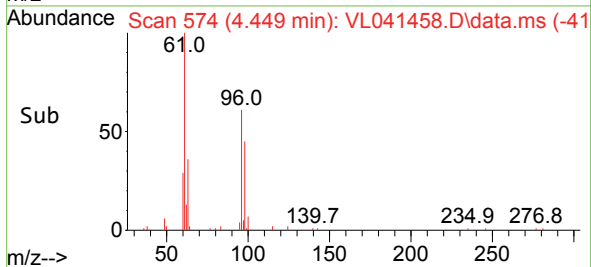
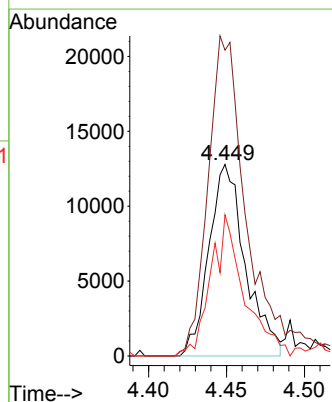
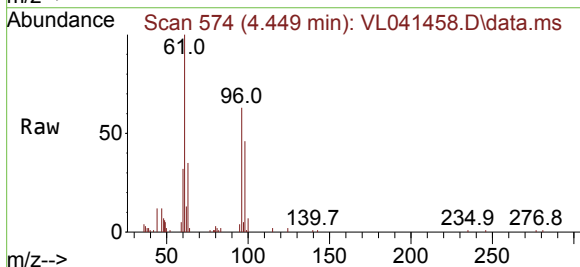
Instrument :
 MSVOA_L
 ClientSampleId :

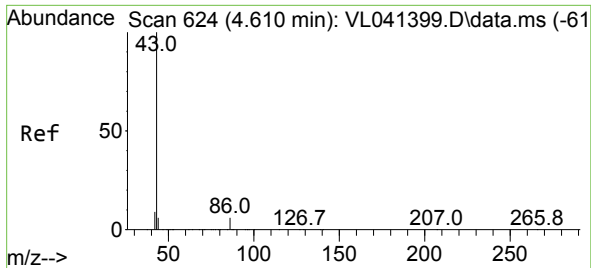
Tgt Ion: 41 Resp: 30203
 Ion Ratio Lower Upper
 41 100
 76 31.1 23.7 35.5
 39 106.2 64.3 96.5#



#22
 trans-1,2-Dichloroethene
 Concen: 0.449 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.003 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

Tgt Ion: 96 Resp: 20854
 Ion Ratio Lower Upper
 96 100
 61 157.6 135.4 203.2
 98 71.2 51.0 76.4

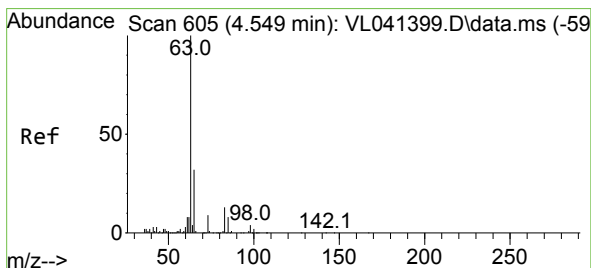
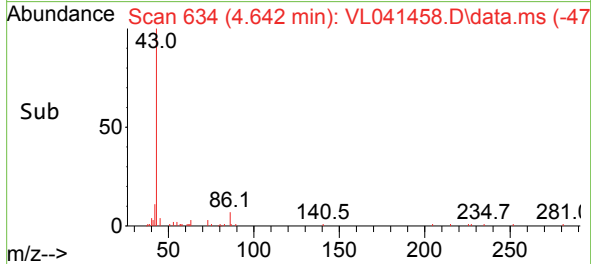
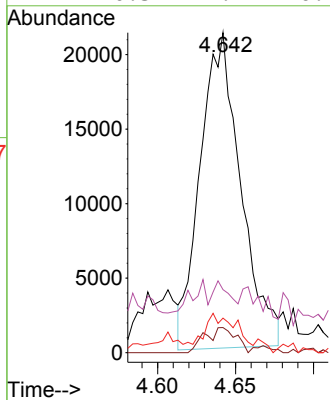
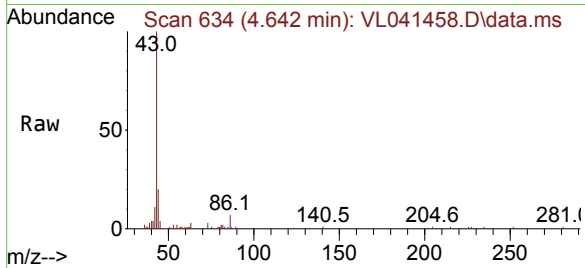




#23
 Vinyl Acetate
 Concen: 0.447 ppbv
 RT: 4.642 min Scan# 610
 Delta R.T. 0.013 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

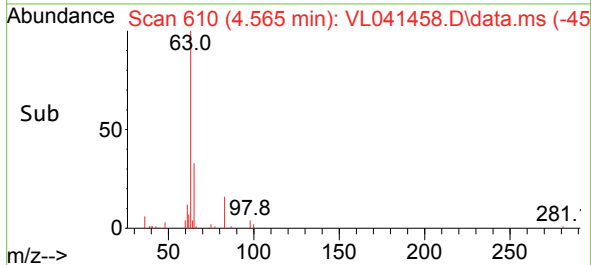
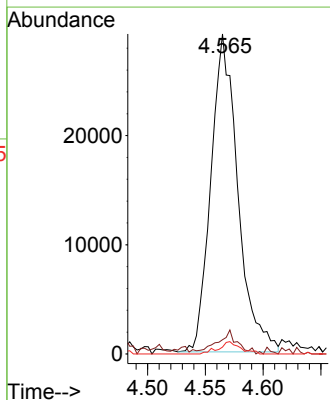
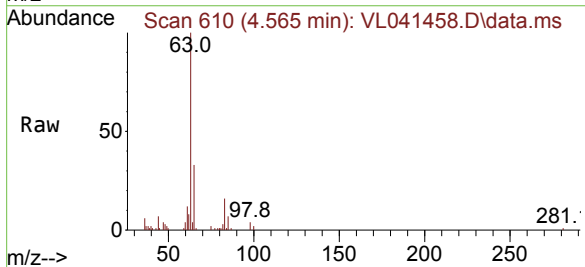
Instrument :
 MSVOA_L
 ClientSampleId :

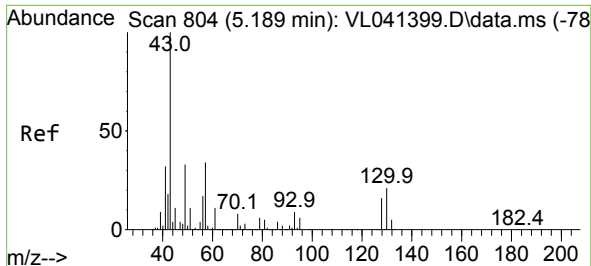
Tgt Ion: 43 Resp: 38285
 Ion Ratio Lower Upper
 43 100
 86 8.8 4.6 6.8#
 42 10.5 7.9 11.9
 44 10.3 4.2 6.4#



#24
 1,1-Dichloroethane
 Concen: 0.468 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

Tgt Ion: 63 Resp: 47217
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.0 6.0
 100 2.2 1.2 3.6

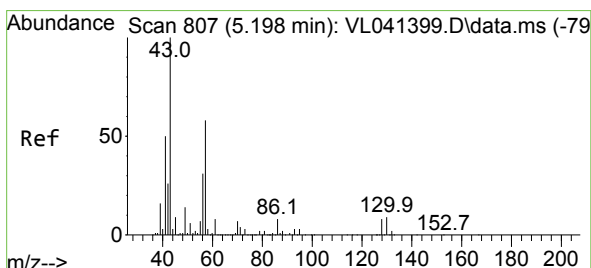
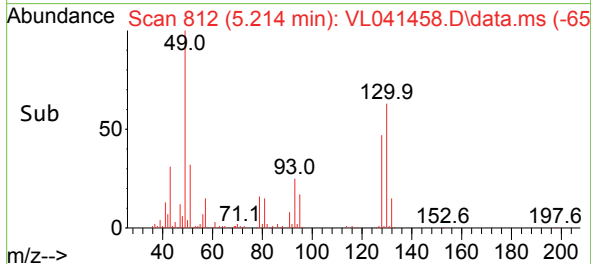
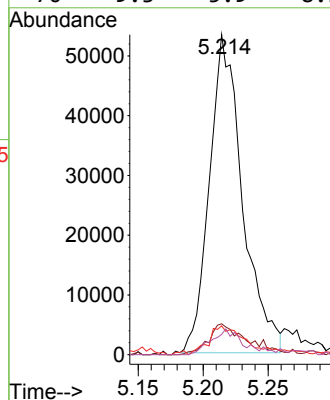
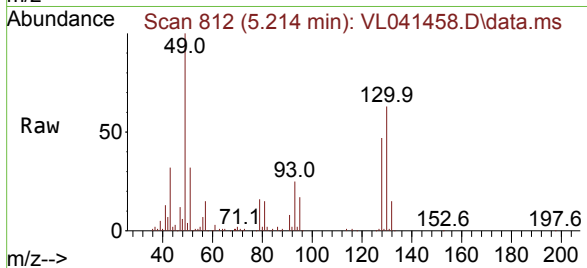




#25
Ethyl Acetate
Concen: 0.423 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.010 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

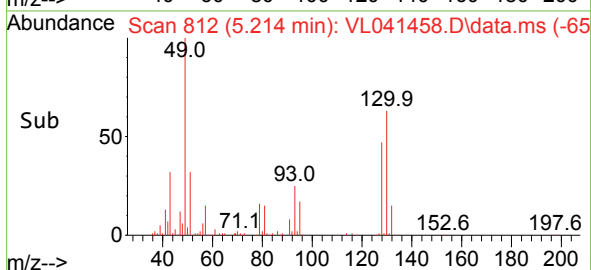
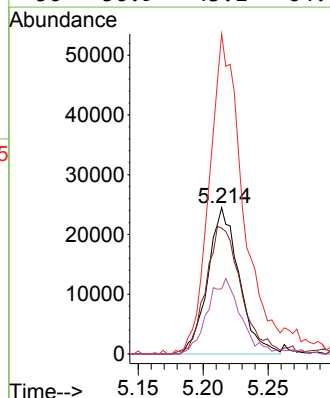
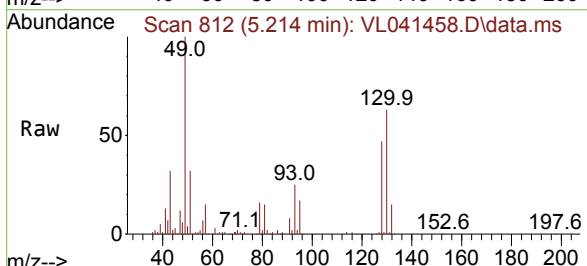
Instrument :
MSVOA_L
ClientSampleId :

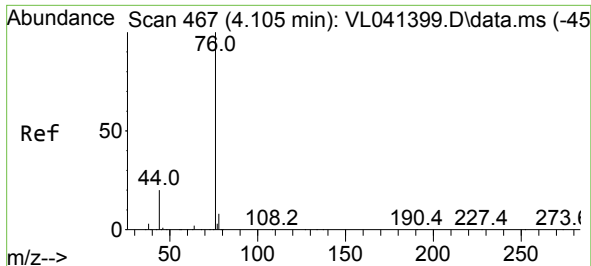
Tgt Ion: 43	Resp: 94231
Ion Ratio	Lower Upper
43 100	
45 11.5	8.5 12.7
61 11.7	8.0 12.0
70 9.3	5.9 8.9#



#26
Hexane
Concen: 0.441 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.000 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 57	Resp: 40760
Ion Ratio	Lower Upper
57 100	
41 100.6	74.0 111.0
43 256.9	193.6 290.4
56 56.9	43.1 64.7





#27

Carbon Disulfide

Concen: 0.353 ppbv

RT: 4.131 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

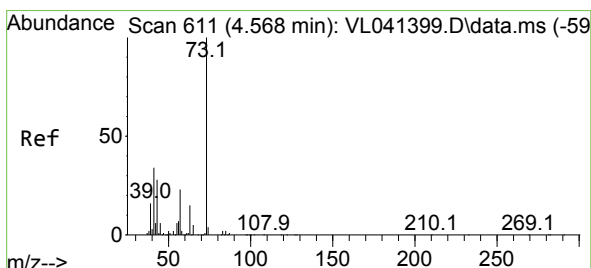
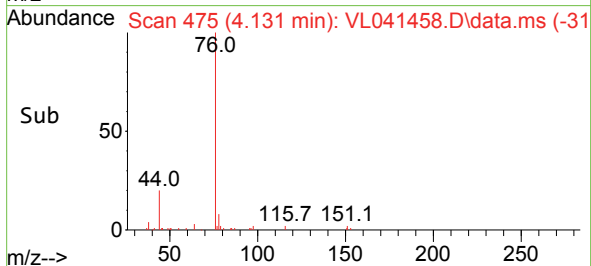
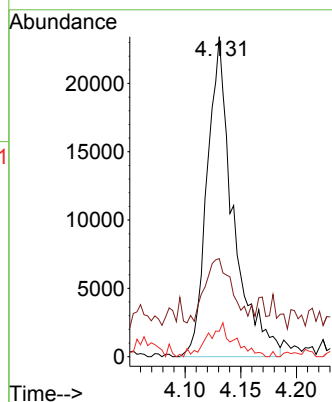
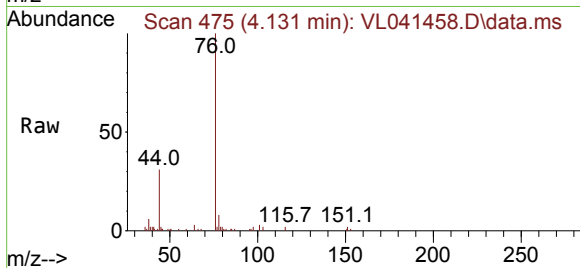
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76 Resp: 38168

Ion	Ratio	Lower	Upper
76	100		
44	40.4	15.6	23.4#
78	10.7	7.7	11.5



#28

Methyl tert-Butyl Ether

Concen: 0.470 ppbv

RT: 4.600 min Scan# 621

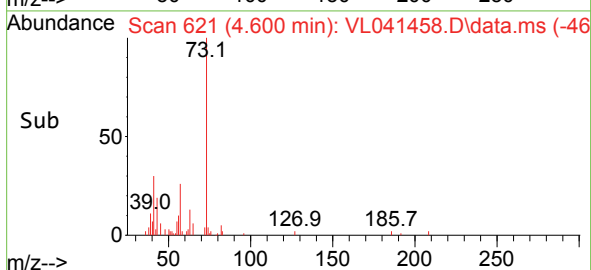
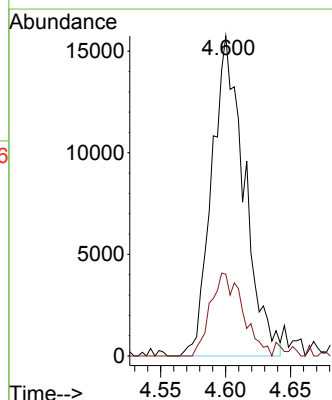
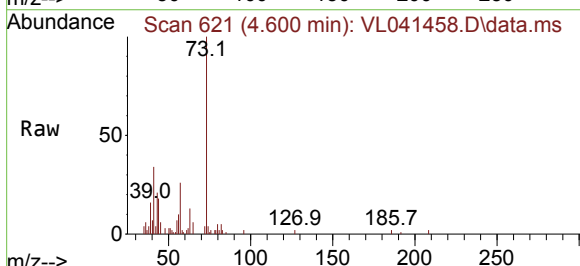
Delta R.T. 0.013 min

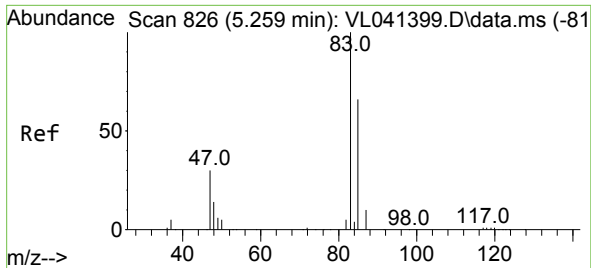
Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Tgt Ion: 73 Resp: 27377

Ion	Ratio	Lower	Upper
73	100		
57	25.8	18.9	28.3

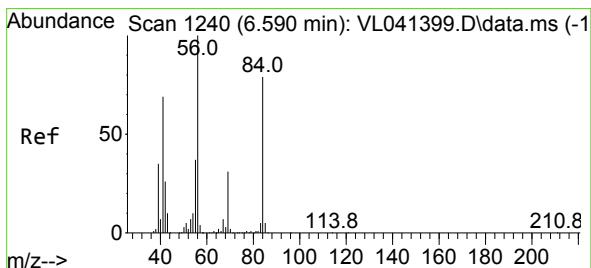
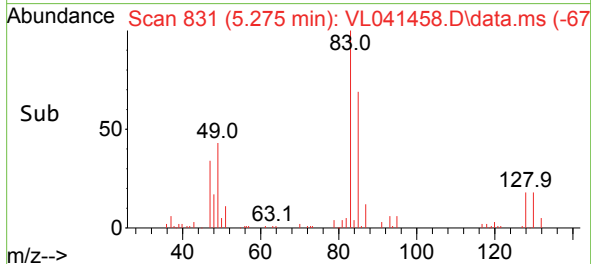
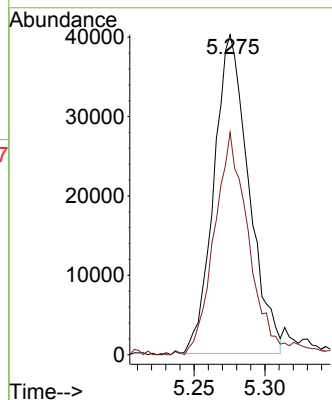
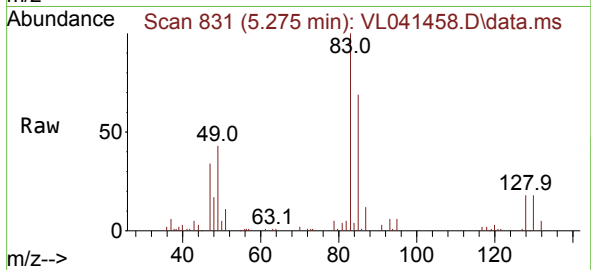




#29
Chloroform
Concen: 0.457 ppbv
RT: 5.275 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

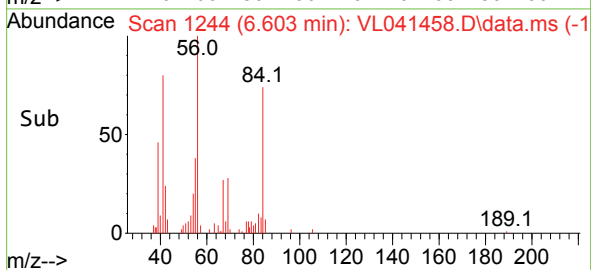
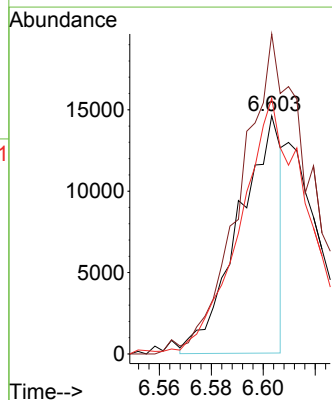
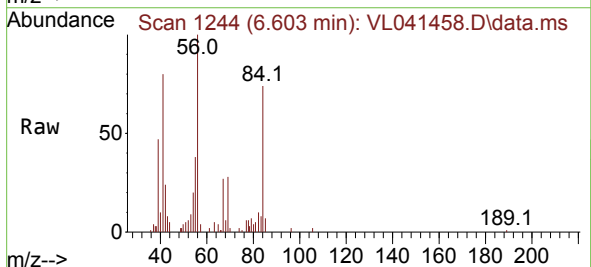
Instrument :
MSVOA_L
ClientSampleId :

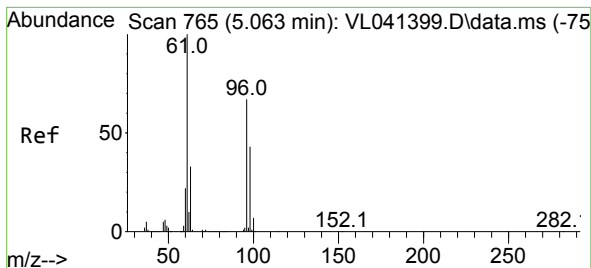
Tgt Ion: 83 Resp: 68853
Ion Ratio Lower Upper
83 100
85 69.1 53.1 79.7



#30
Cyclohexane
Concen: 0.219 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 84 Resp: 16480
Ion Ratio Lower Upper
84 100
56 207.6 111.2 166.8#
41 186.0 70.3 105.5#





#31

cis-1,2-Dichloroethene

Concen: 0.158 ppbv

RT: 5.086 min Scan# 71

Delta R.T. 0.003 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

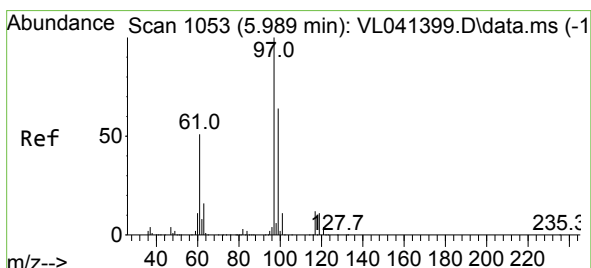
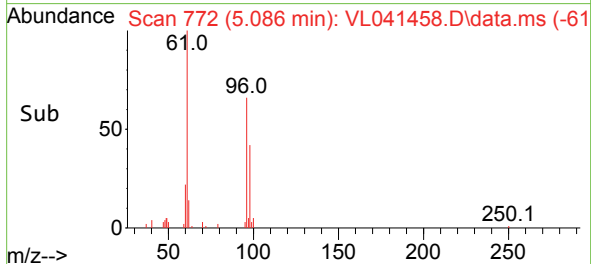
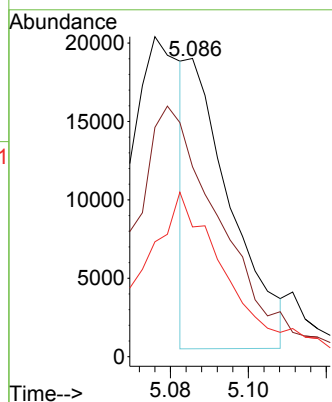
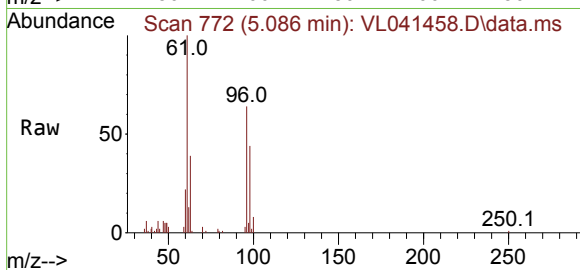
Tgt Ion: 61 Resp: 14427

Ion Ratio Lower Upper

61 100

96 60.4 53.4 80.2

98 43.9 34.4 51.6



#32

1,1,1-Trichloroethane

Concen: 0.432 ppbv

RT: 6.002 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

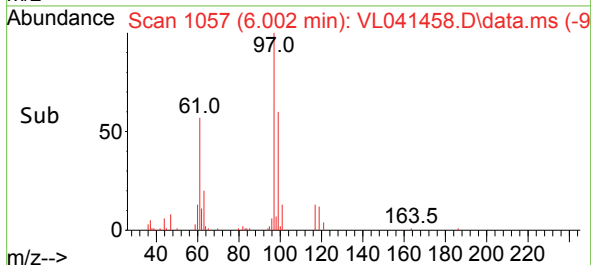
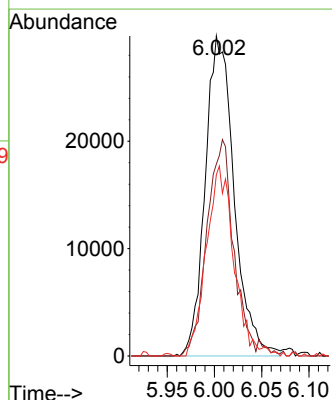
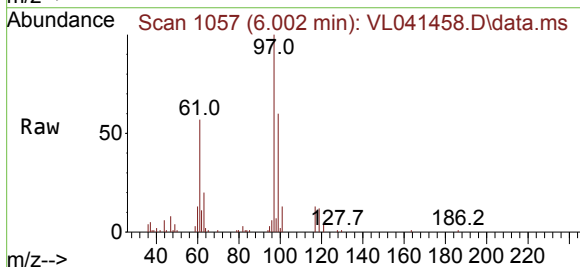
Tgt Ion: 97 Resp: 63319

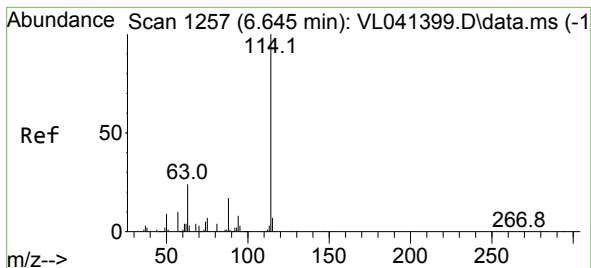
Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

61 57.1 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

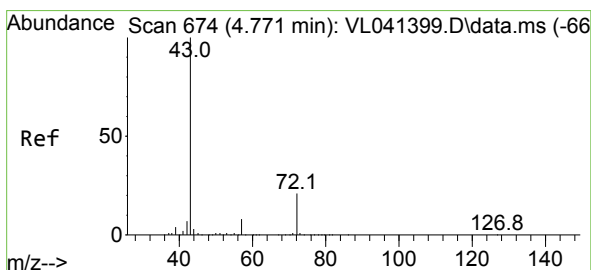
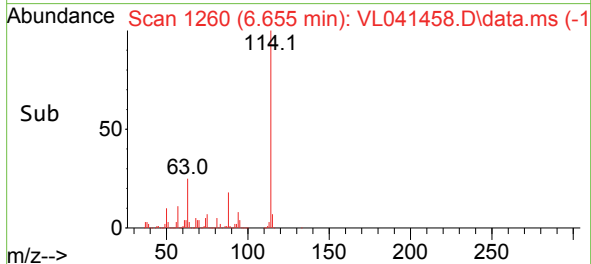
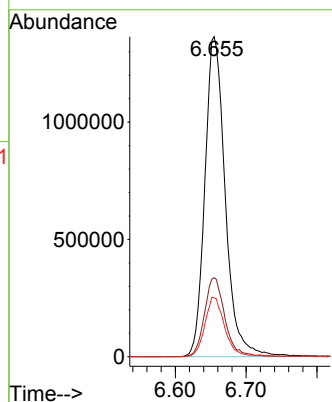
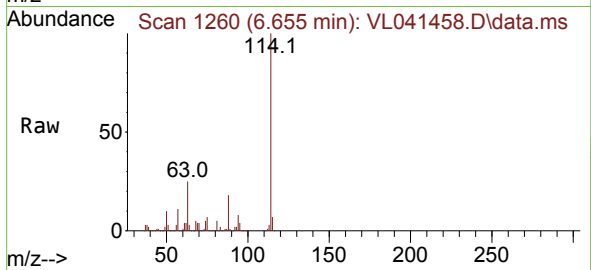
Tgt Ion:114 Resp: 2721624

Ion Ratio Lower Upper

114 100

63 24.9 20.3 30.5

88 18.2 14.3 21.5



#34

2-Butanone

Concen: 0.397 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.016 min

Lab File: VL041458.D

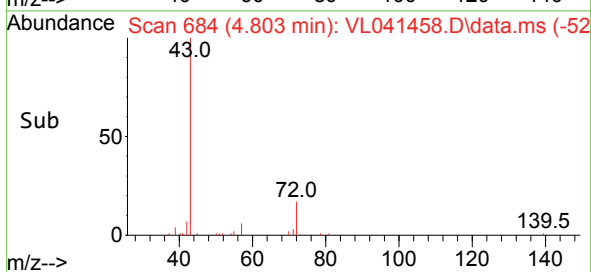
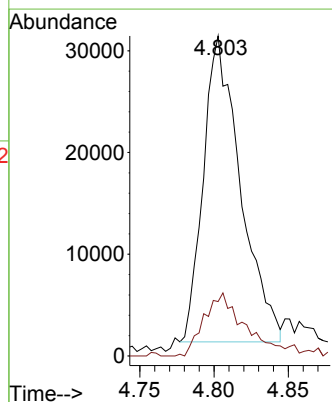
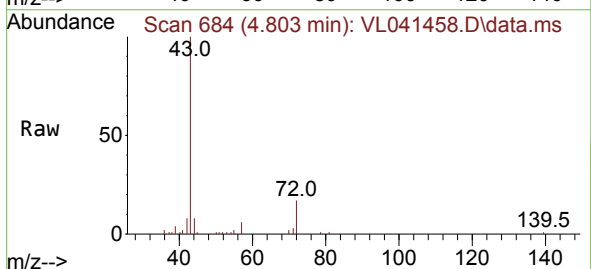
Acq: 31 Jul 2024 11:34

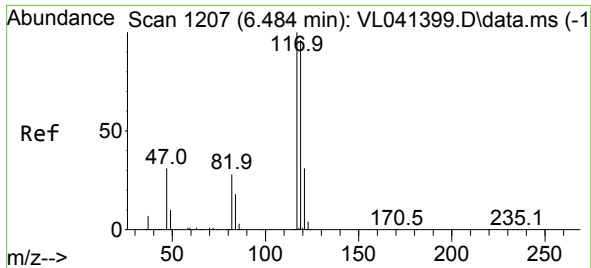
Tgt Ion: 43 Resp: 52227

Ion Ratio Lower Upper

43 100

72 24.5 17.3 25.9

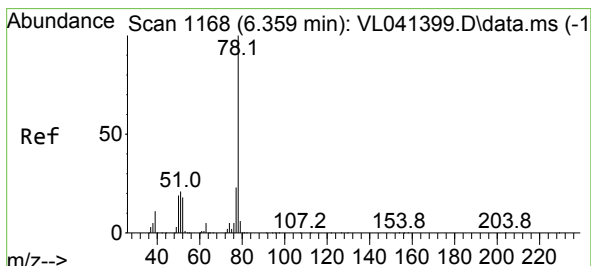
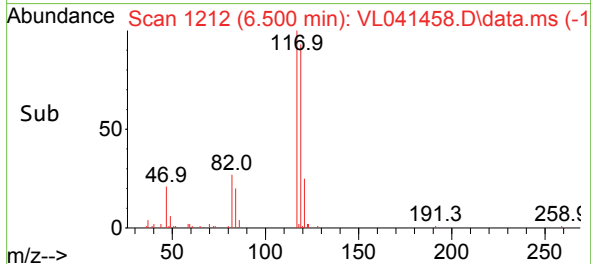
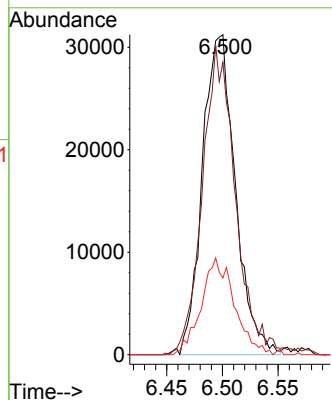
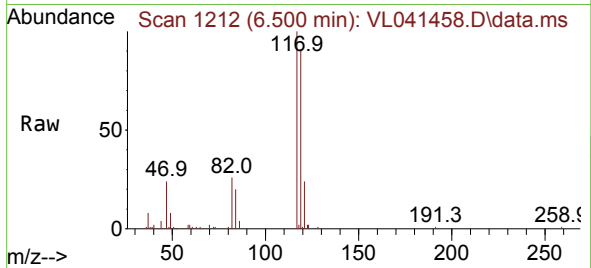




#35
Carbon Tetrachloride
Concen: 0.428 ppbv
RT: 6.500 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

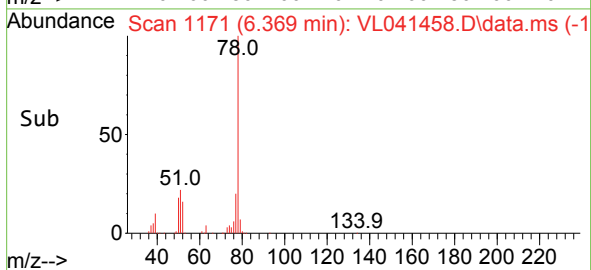
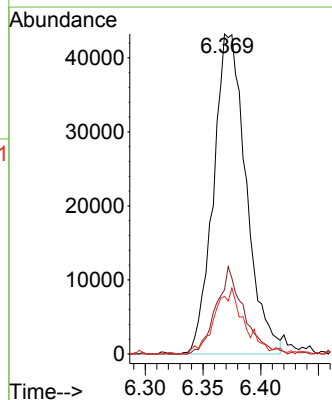
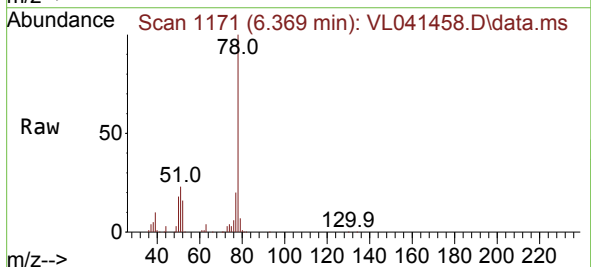
Instrument :
MSVOA_L
ClientSampleId :

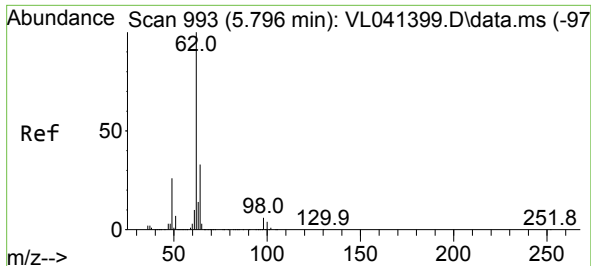
Tgt Ion:117 Resp: 64220
Ion Ratio Lower Upper
117 100
119 89.4 76.6 115.0
121 22.7 25.1 37.7#



#36
Benzene
Concen: 0.428 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 78 Resp: 85020
Ion Ratio Lower Upper
78 100
77 20.1 18.1 27.1
50 18.0 15.5 23.3

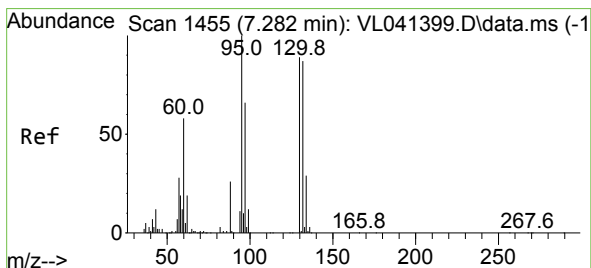
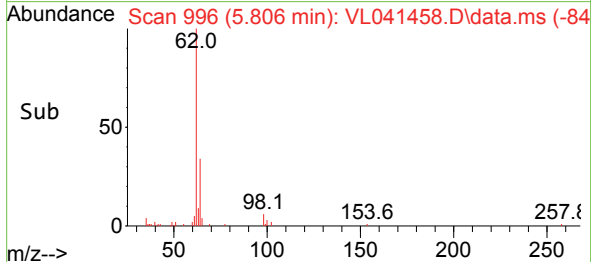
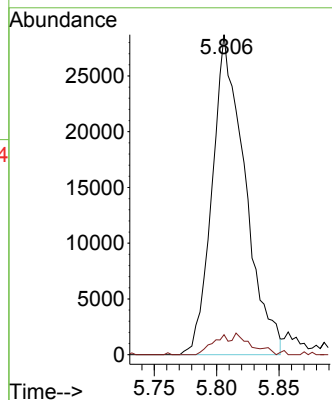
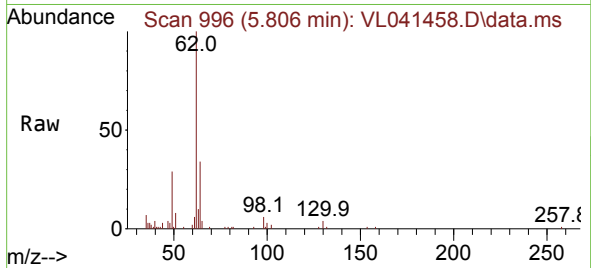




#37
1,2-Dichloroethane
Concen: 0.471 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

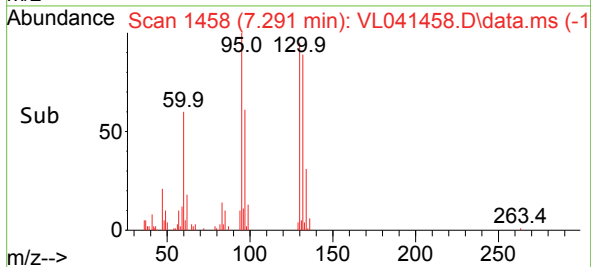
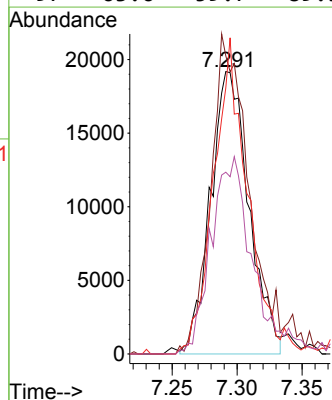
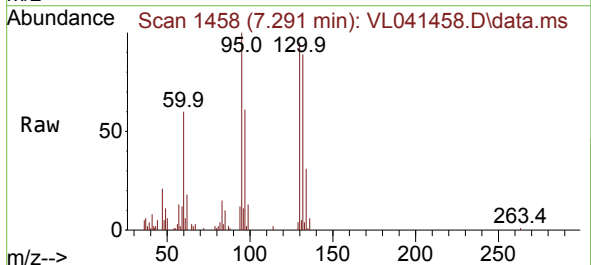
Instrument :
MSVOA_L
ClientSampleId :

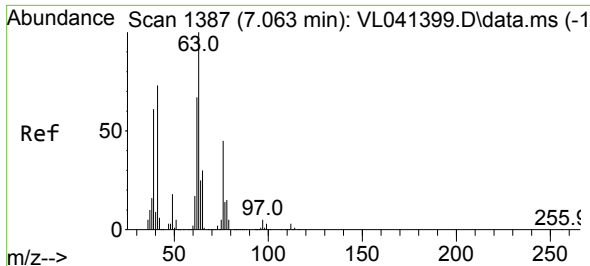
Tgt Ion: 62 Resp: 52421
Ion Ratio Lower Upper
62 100
98 7.2 5.0 7.4



#38
Trichloroethene
Concen: 0.432 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion:130 Resp: 39389
Ion Ratio Lower Upper
130 100
95 103.7 90.2 135.2
132 93.4 78.1 117.1
97 63.6 59.7 89.5





#39

1,2-Dichloropropane

Concen: 0.231 ppbv

RT: 7.076 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

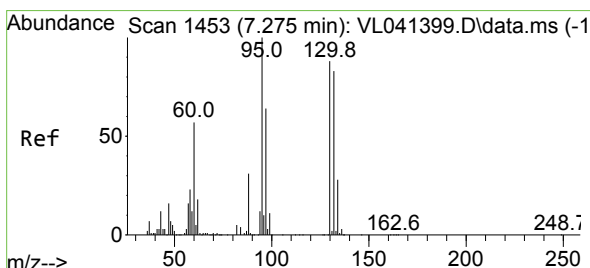
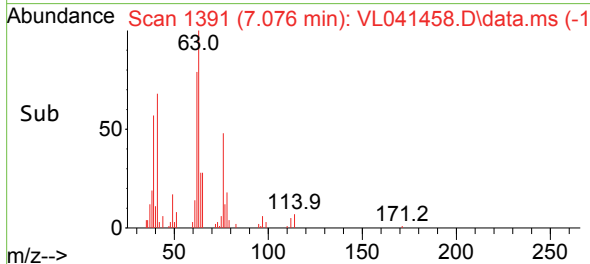
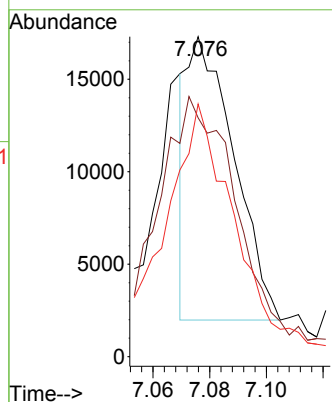
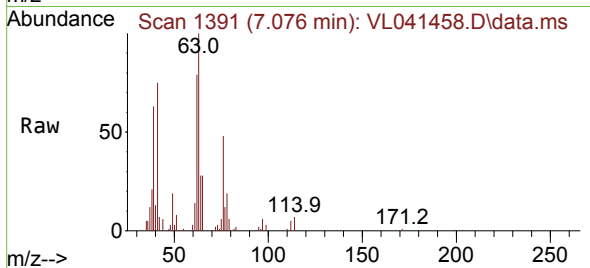
Tgt Ion: 63 Resp: 17552

Ion Ratio Lower Upper

63 100

41 71.8 58.3 87.5

62 79.5 53.9 80.9



#40

1,4-Dioxane

Concen: 0.007 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.003 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Tgt Ion: 88 Resp: 226

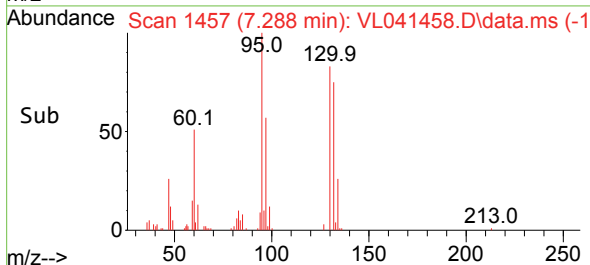
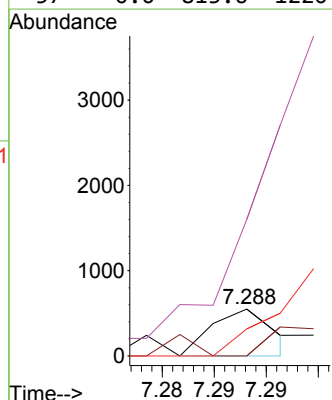
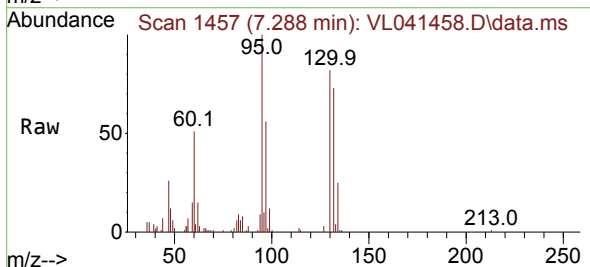
Ion Ratio Lower Upper

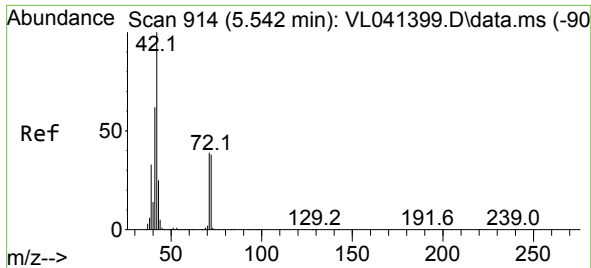
88 100

58 0.0 95.8 143.6#

43 0.0 188.2 282.2#

57 0.0 813.6 1220.4#





#41

Tetrahydrofuran

Concen: 0.359 ppbv

RT: 5.581 min Scan# 914

Delta R.T. 0.022 min

Lab File: VL041458.D

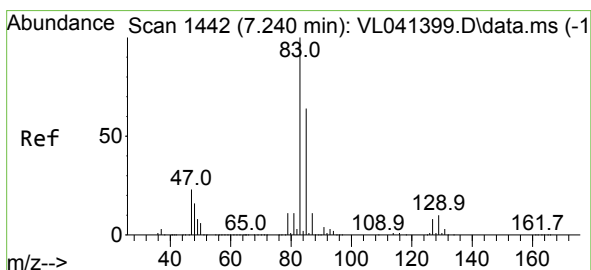
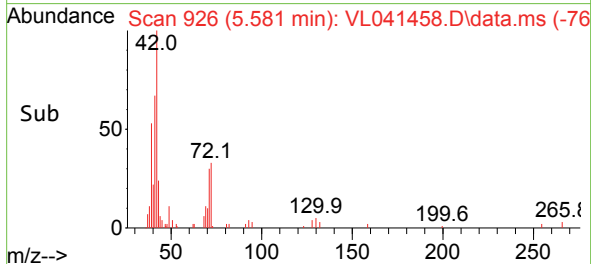
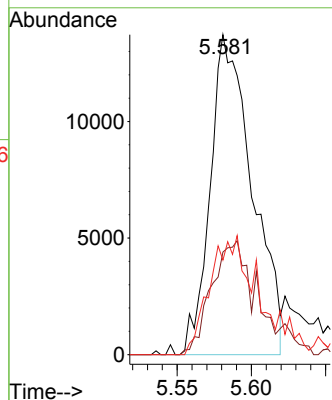
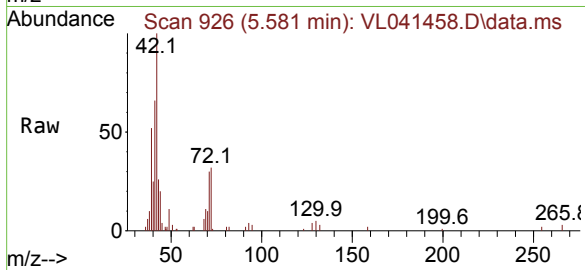
Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	42	Resp:	27056
Ion	Ratio	Lower	Upper
42	100		
72	40.2	31.2	46.8
71	47.3	30.5	45.7



#42

Bromodichloromethane

Concen: 0.395 ppbv

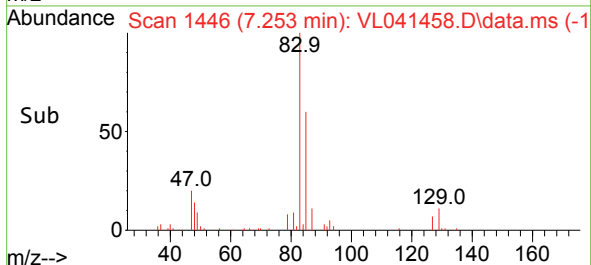
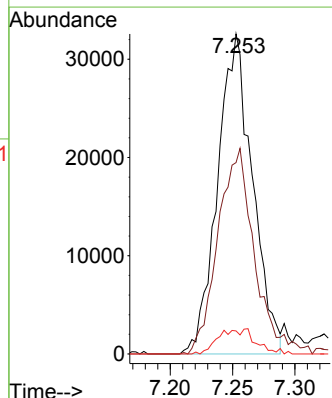
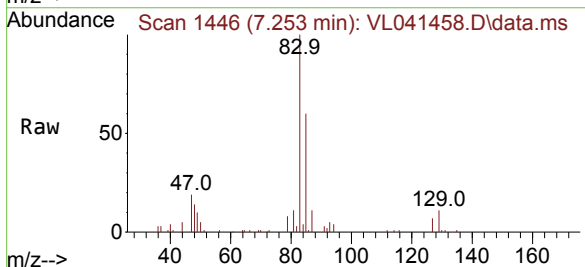
RT: 7.253 min Scan# 1446

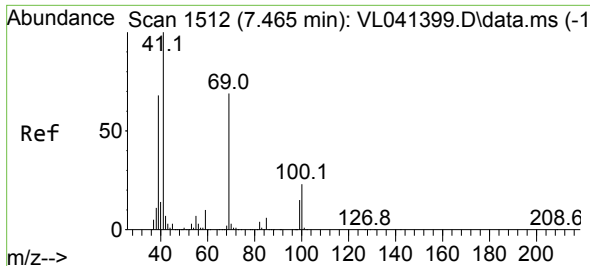
Delta R.T. -0.003 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Tgt Ion:	83	Resp:	63452
Ion	Ratio	Lower	Upper
83	100		
85	59.8	51.4	77.0
127	7.2	6.7	10.1

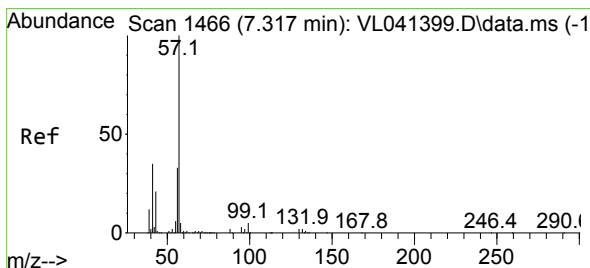
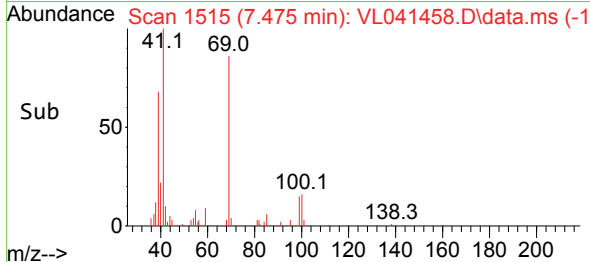
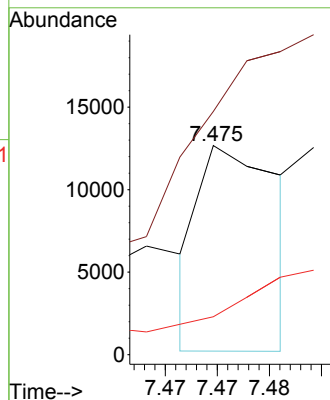
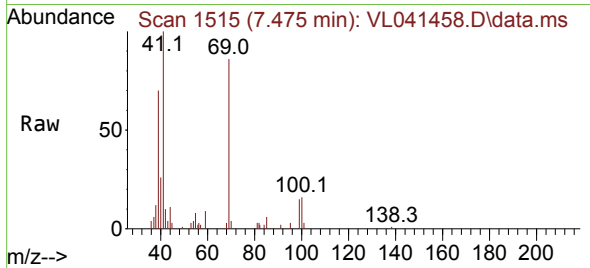




#43
Methyl Methacrylate
Concen: 0.093 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

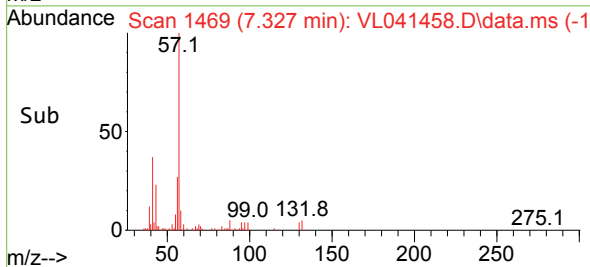
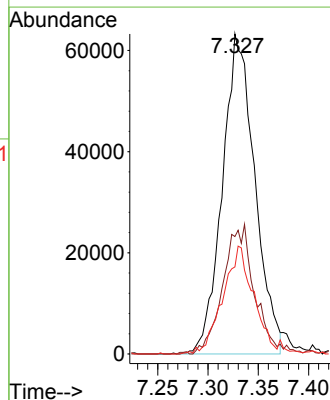
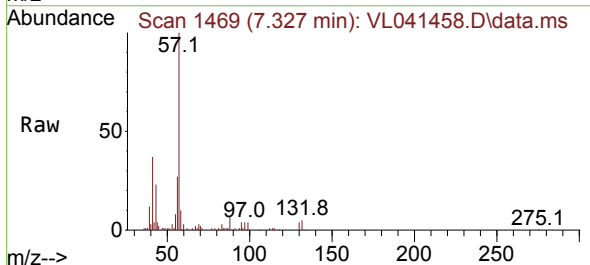
Instrument :
MSVOA_L
ClientSampleId :

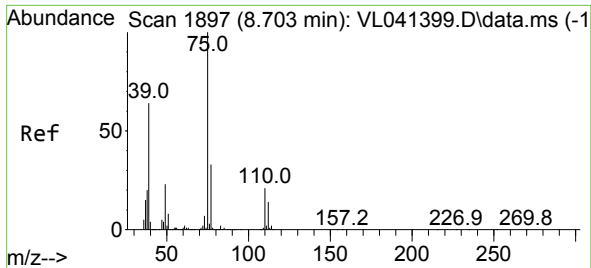
Tgt Ion: 69 Resp: 6614
Ion Ratio Lower Upper
69 100
41 0.0 118.7 178.1#
100 0.0 27.0 40.4#



#44
2,2,4-Trimethylpentane
Concen: 0.427 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 57 Resp: 141936
Ion Ratio Lower Upper
57 100
41 40.1 27.0 40.6
56 33.1 25.2 37.8

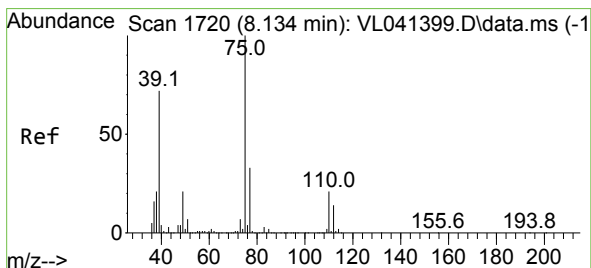
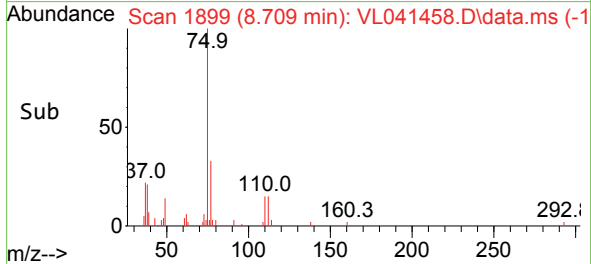
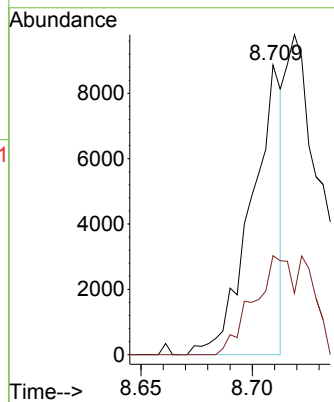
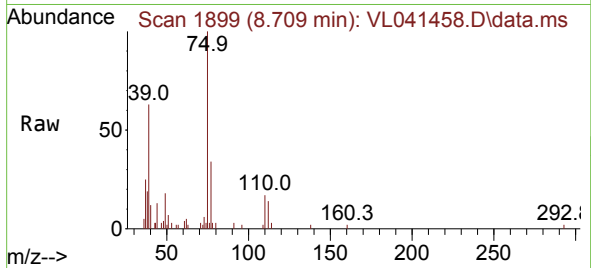




#45
 t-1,3-Dichloropropene
 Concen: 0.128 ppbv
 RT: 8.709 min Scan# 1897
 Delta R.T. -0.003 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

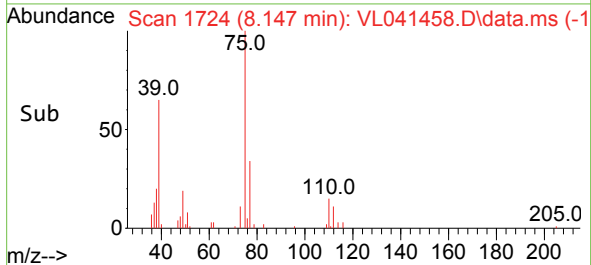
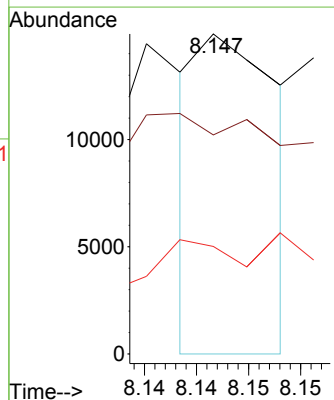
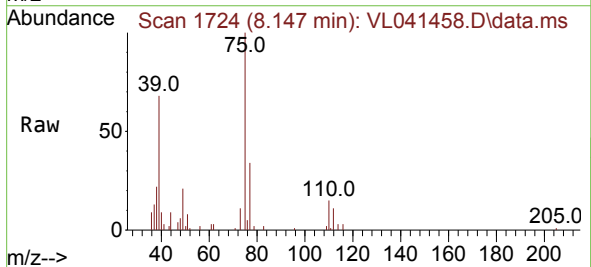
Instrument :
 MSVOA_L
 ClientSampleId :

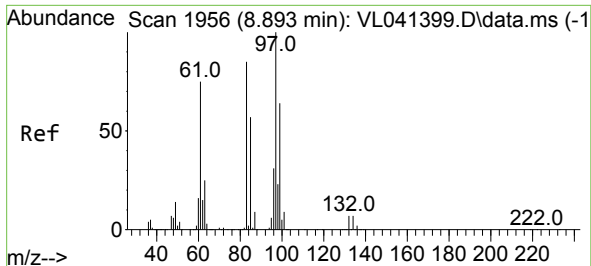
Tgt Ion: 75 Resp: 8417
 Ion Ratio Lower Upper
 75 100
 77 34.2 26.5 39.7



#46
 cis-1,3-Dichloropropene
 Concen: 0.084 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. -0.003 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

Tgt Ion: 75 Resp: 7930
 Ion Ratio Lower Upper
 75 100
 39 20.5 57.3 85.9#
 77 0.0 26.2 39.2#



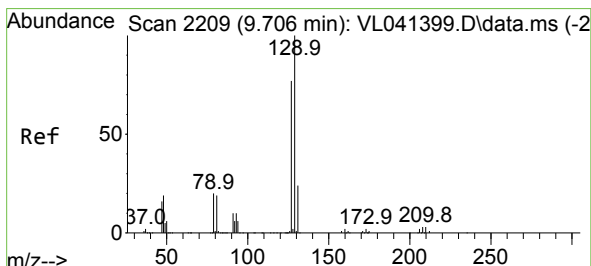
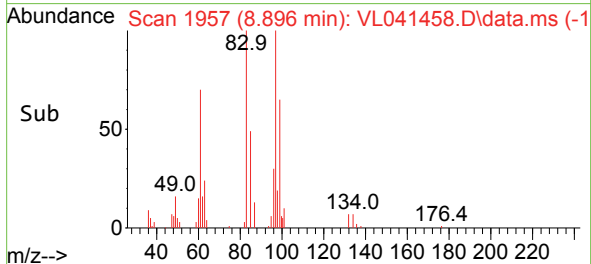
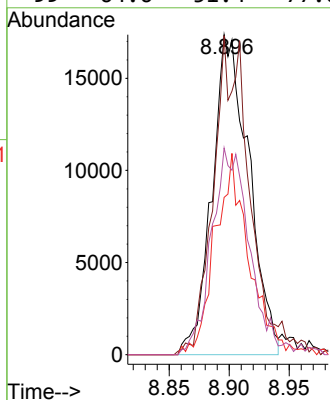
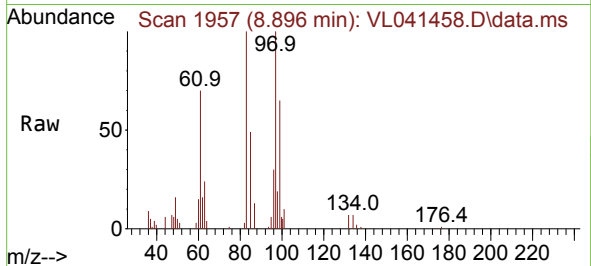


#47
1,1,2-Trichloroethane
Concen: 0.442 ppbv
RT: 8.896 min Scan# 1956
Delta R.T. -0.010 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 37068

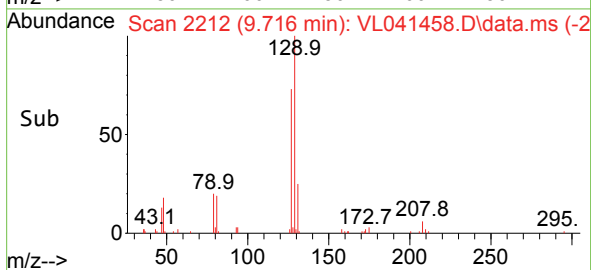
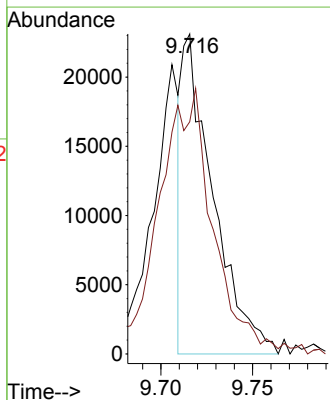
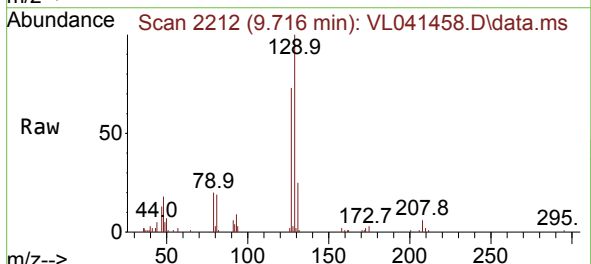
Ion	Ratio	Lower	Upper
97	100		
83	98.6	67.6	101.4
85	49.2	45.9	68.9
99	64.6	51.4	77.0

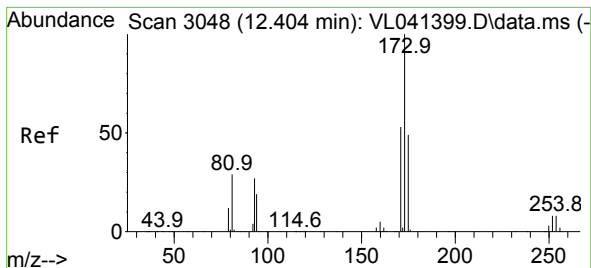


#48
Dibromochloromethane
Concen: 0.201 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 129 Resp: 27203

Ion	Ratio	Lower	Upper
129	100		
127	145.2	39.3	117.8





#49

Bromoform

Concen: 0.184 ppbv

RT: 12.410 min Scan# 3048

Delta R.T. -0.003 min

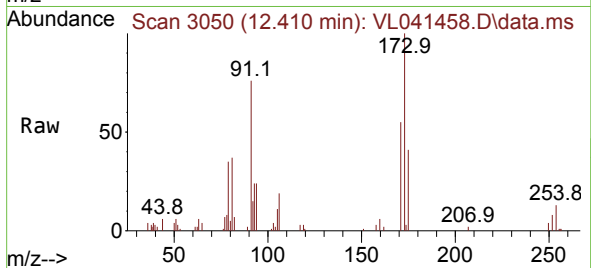
Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :



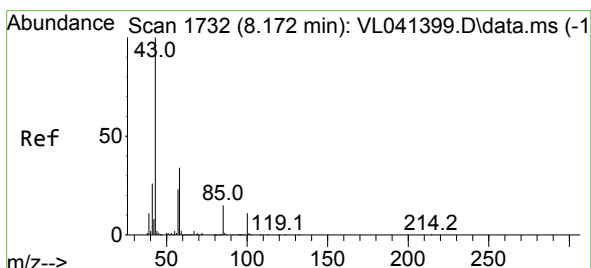
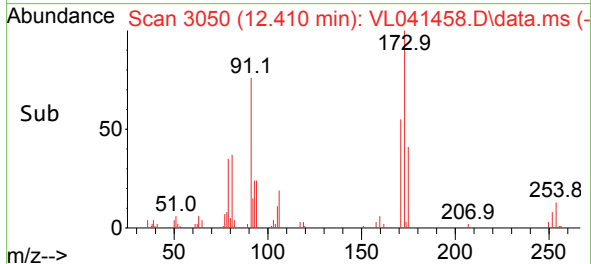
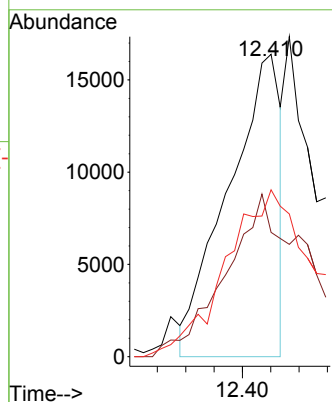
Tgt Ion:173 Resp: 20993

Ion Ratio Lower Upper

173 100

175 89.8 39.9 59.9#

171 95.9 41.7 62.5#



#50

4-Methyl-2-Pentanone

Concen: 0.367 ppbv

RT: 8.204 min Scan# 1742

Delta R.T. 0.019 min

Lab File: VL041458.D

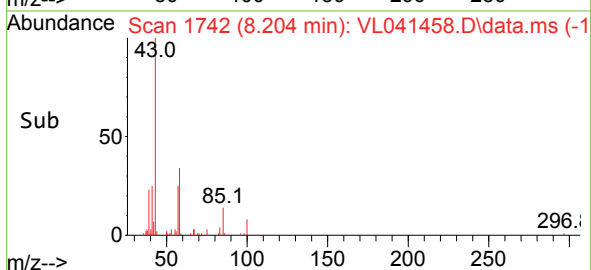
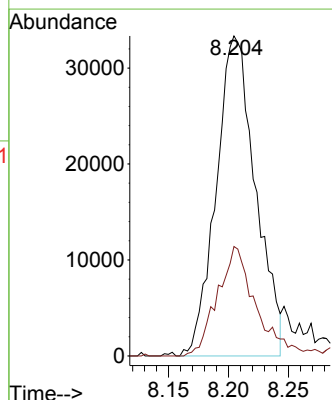
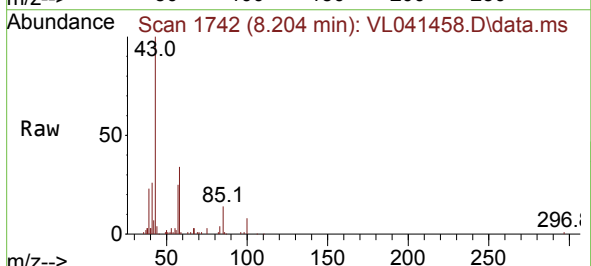
Acq: 31 Jul 2024 11:34

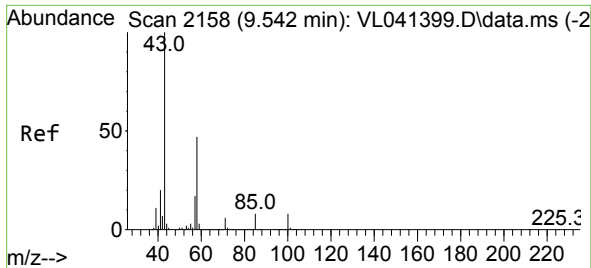
Tgt Ion: 43 Resp: 76216

Ion Ratio Lower Upper

43 100

58 33.7 27.9 41.9

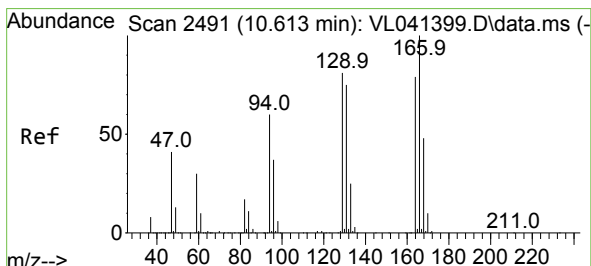
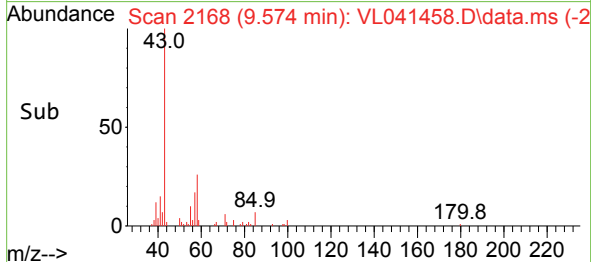
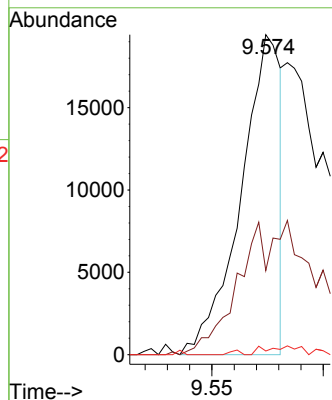
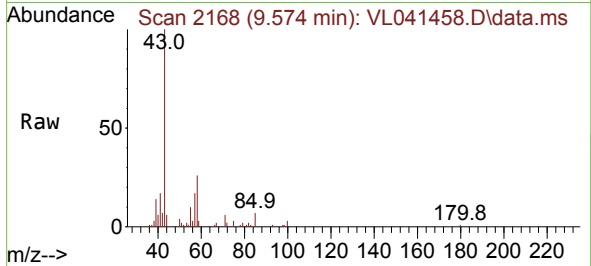




#51
2-Hexanone
Concen: 0.153 ppbv
RT: 9.574 min Scan# 2158
Delta R.T. 0.022 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

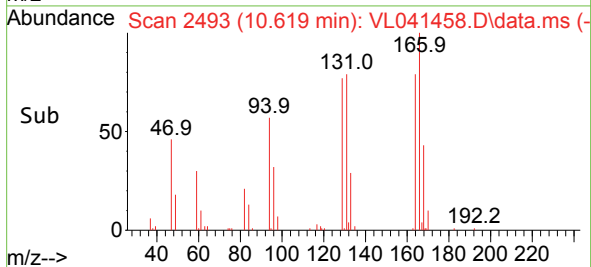
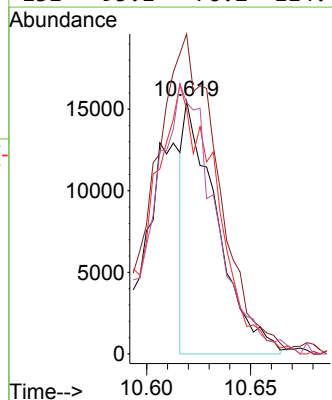
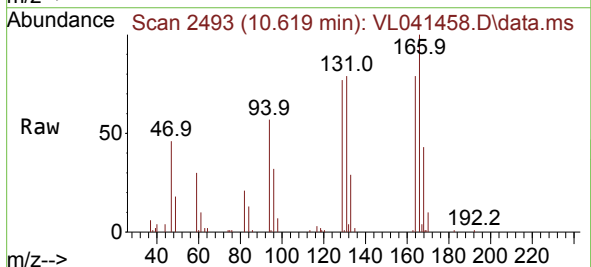
Instrument :
MSVOA_L
ClientSampleId :

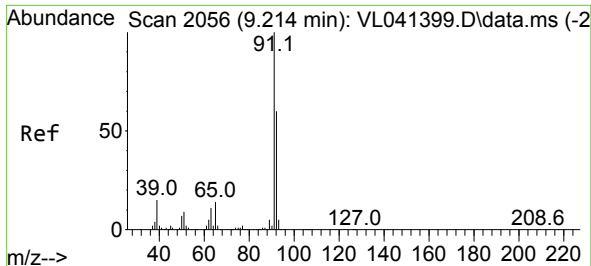
Tgt Ion: 43 Resp: 24105
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.223 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 164 Resp: 17110
Ion Ratio Lower Upper
164 100
166 124.1 101.1 151.7
129 95.9 81.7 122.5
131 95.1 76.2 114.4

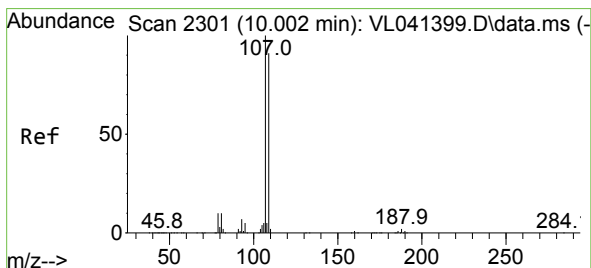
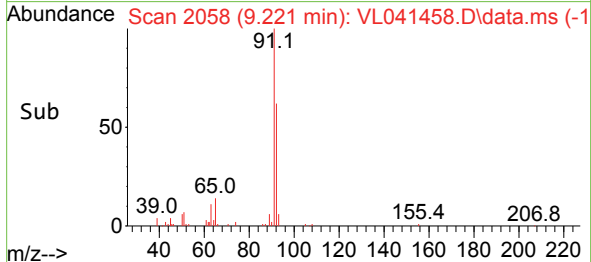
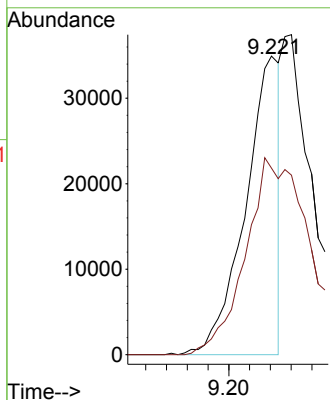
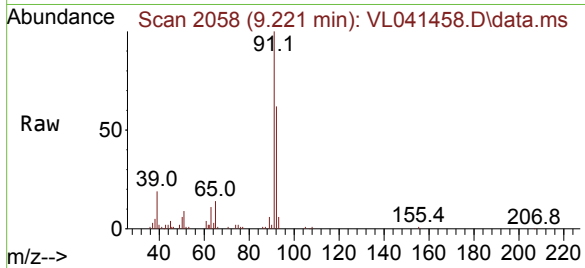




#53
Toluene
Concen: 0.180 ppbv
RT: 9.221 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

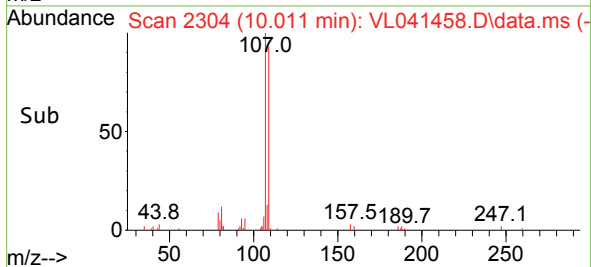
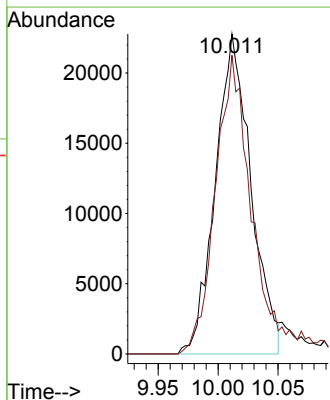
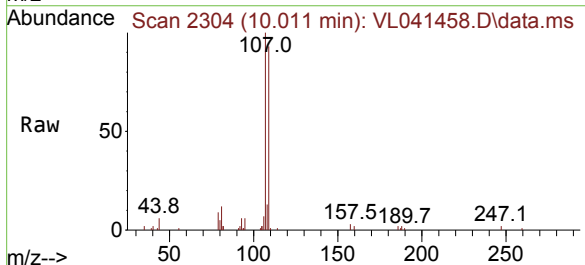
Instrument :
MSVOA_L
ClientSampleId :

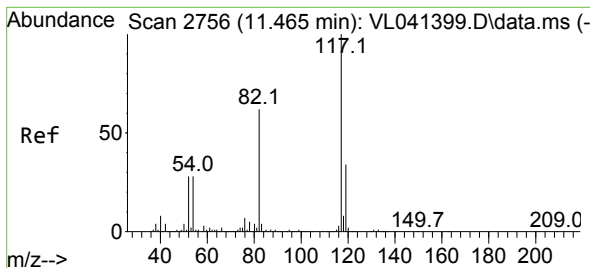
Tgt Ion: 91 Resp: 39940
Ion Ratio Lower Upper
91 100
92 126.4 48.7 73.1#



#54
1,2-Dibromoethane
Concen: 0.421 ppbv
RT: 10.011 min Scan# 2304
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 107 Resp: 46986
Ion Ratio Lower Upper
107 100
109 93.3 72.7 109.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

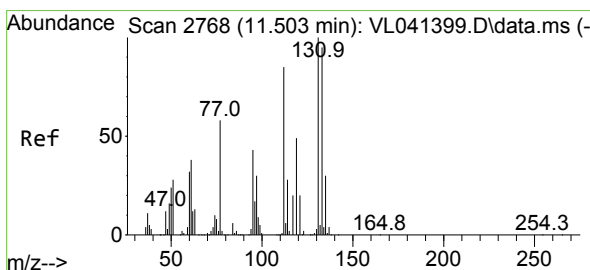
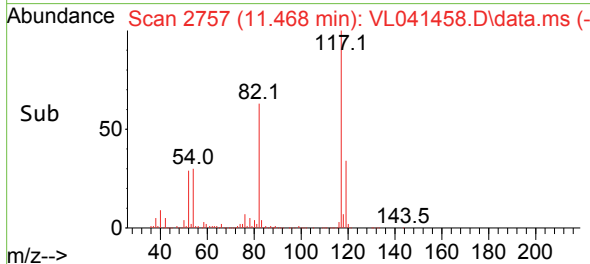
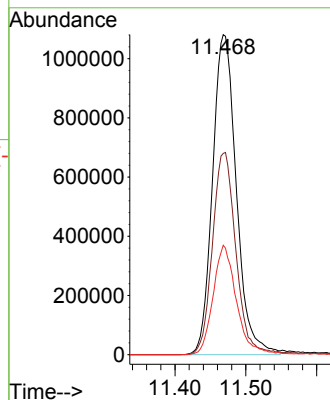
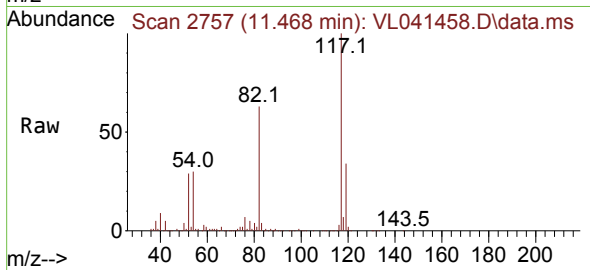
Tgt Ion:117 Resp: 2523121

Ion Ratio Lower Upper

117 100

82 62.9 51.0 76.6

119 33.8 45.2 67.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 0.179 ppbv

RT: 11.516 min Scan# 2772

Delta R.T. -0.000 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

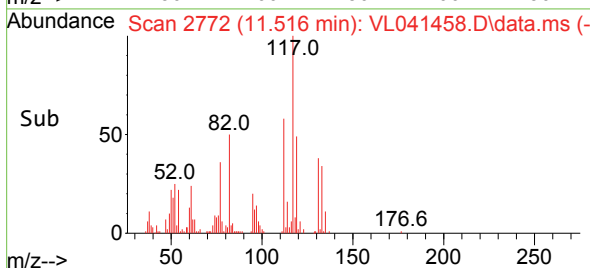
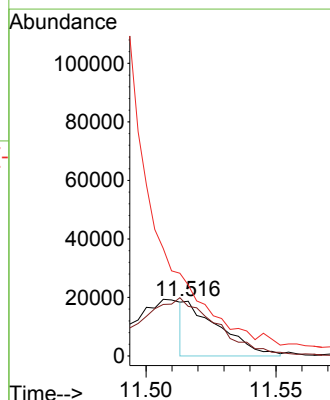
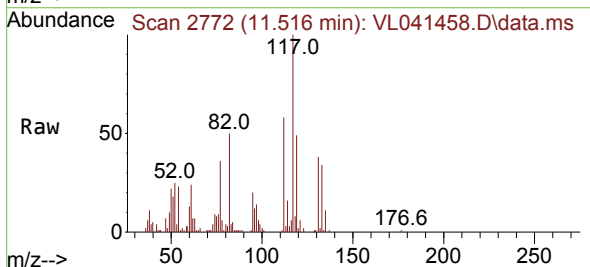
Tgt Ion:131 Resp: 17548

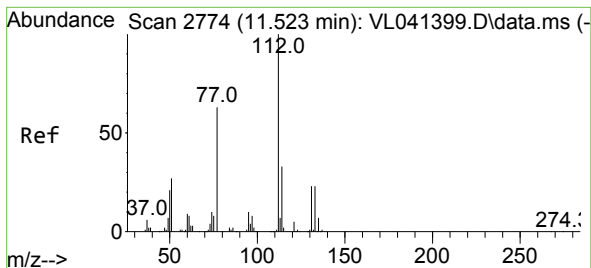
Ion Ratio Lower Upper

131 100

133 246.1 77.0 115.4#

119 0.0 121.5 182.3#





#57

Chlorobenzene

Concen: 0.217 ppbv

RT: 11.532 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041458.D

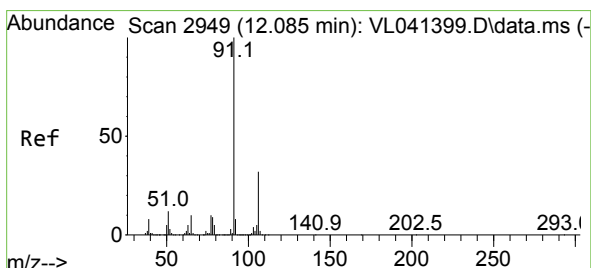
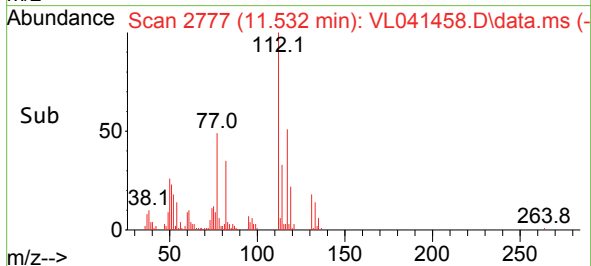
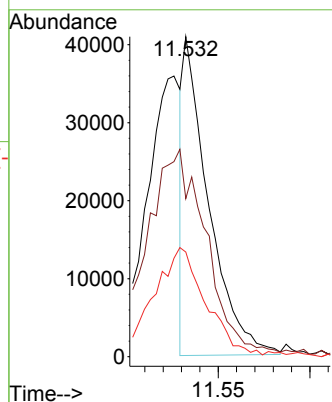
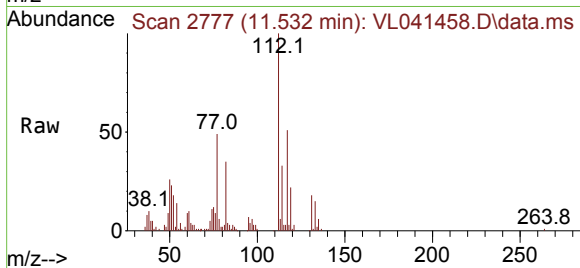
Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:112	Resp:	39044
Ion Ratio	Lower	Upper
112	100	
77	48.7	51.1 76.7#
114	31.9	29.5 36.1



#58

Ethyl Benzene

Concen: 0.385 ppbv

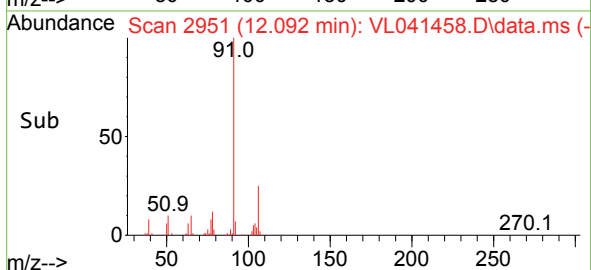
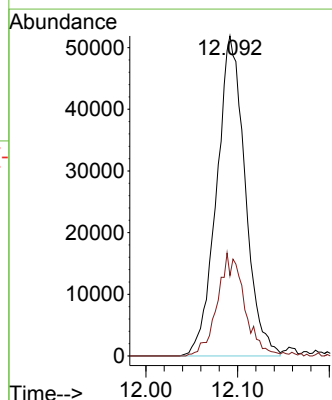
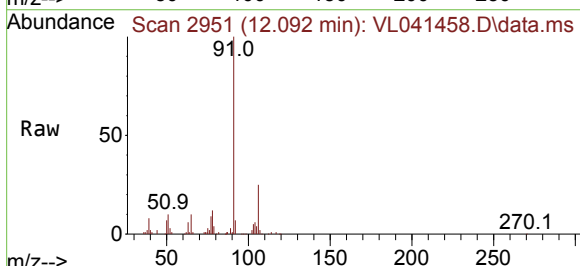
RT: 12.092 min Scan# 2951

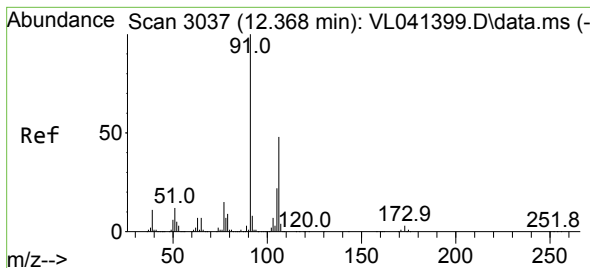
Delta R.T. -0.006 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Tgt Ion: 91	Resp:	111881
Ion Ratio	Lower	Upper
91	100	
106	25.1	25.8 38.8#





#59

m/p-Xylene

Concen: 0.448 ppbv

RT: 12.372 min Scan# 3037

Delta R.T. -0.006 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

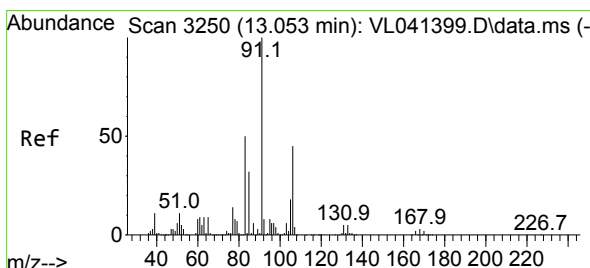
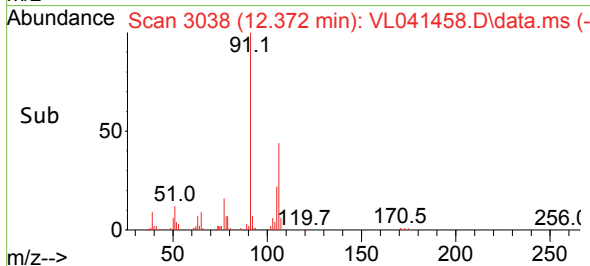
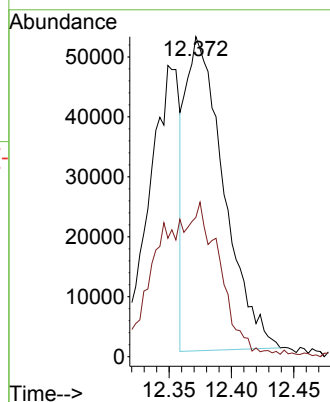
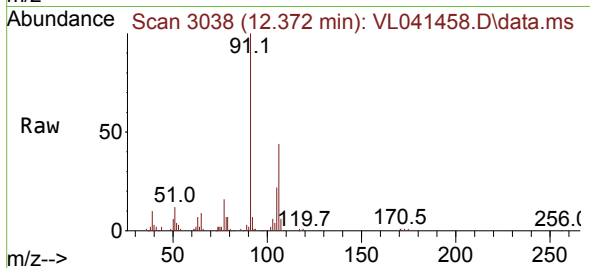
ClientSampleId :

Tgt Ion: 91 Resp: 112448

Ion Ratio Lower Upper

91 100

106 80.9 36.3 54.5#



#60

o-Xylene

Concen: 0.380 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. -0.003 min

Lab File: VL041458.D

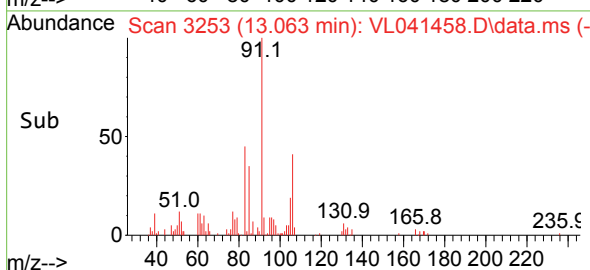
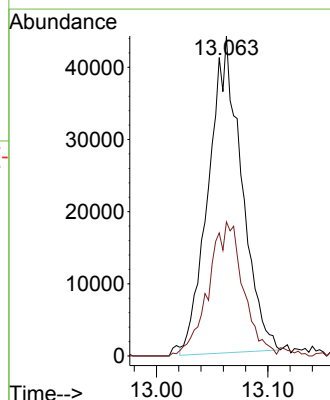
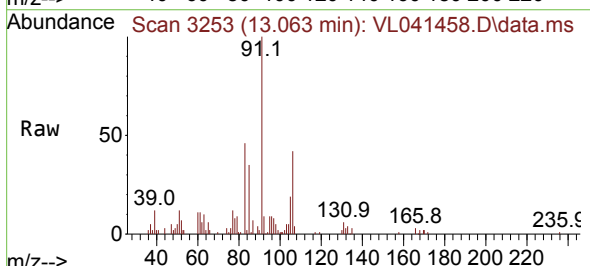
Acq: 31 Jul 2024 11:34

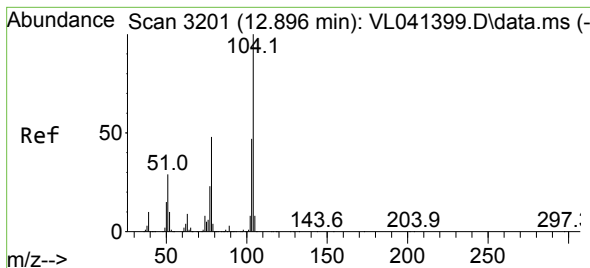
Tgt Ion: 91 Resp: 90339

Ion Ratio Lower Upper

91 100

106 45.8 23.1 69.3





#61

Styrene

Concen: 0.290 ppbv

RT: 12.896 min Scan# 31023

Delta R.T. -0.010 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

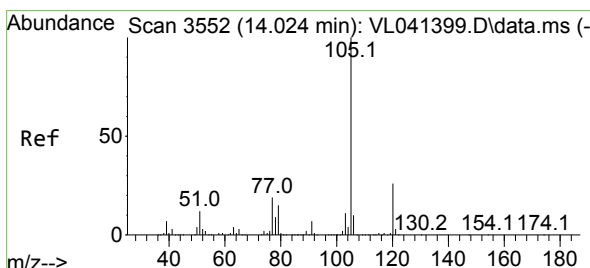
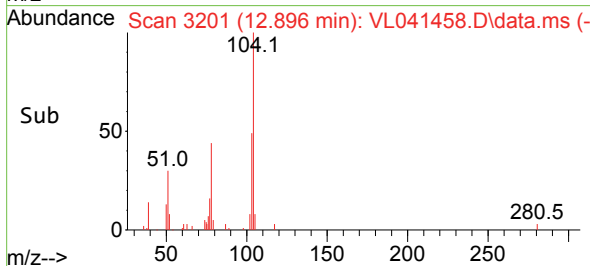
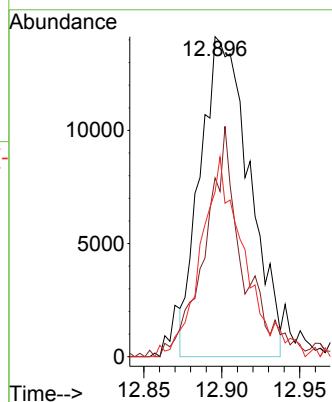
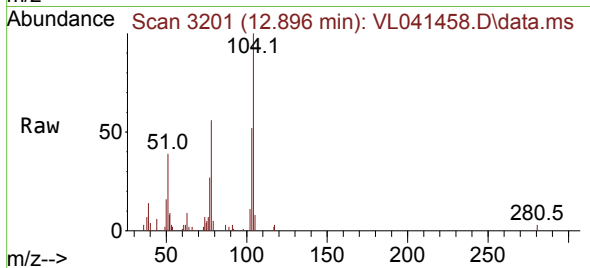
Tgt Ion:104 Resp: 31023

Ion Ratio Lower Upper

104 100

78 57.2 40.8 61.2

103 56.4 38.2 57.4



#62

Isopropylbenzene

Concen: 0.422 ppbv

RT: 14.034 min Scan# 3555

Delta R.T. -0.003 min

Lab File: VL041458.D

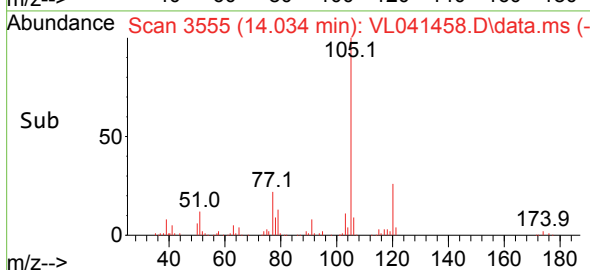
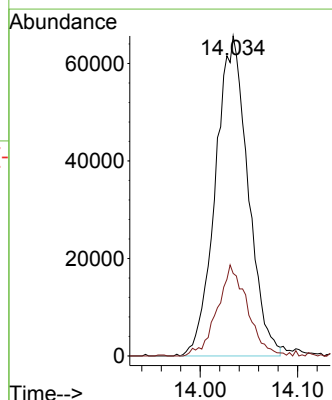
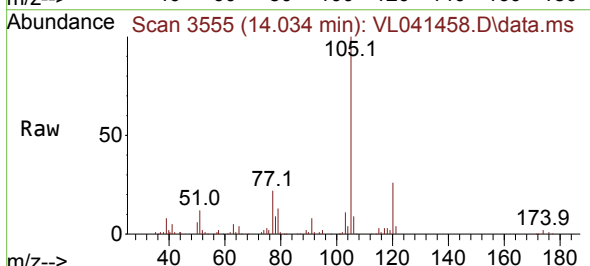
Acq: 31 Jul 2024 11:34

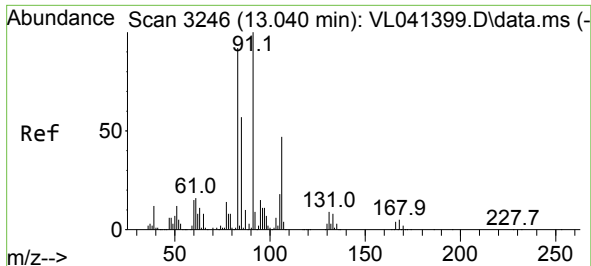
Tgt Ion:105 Resp: 152382

Ion Ratio Lower Upper

105 100

120 26.8 21.0 31.4

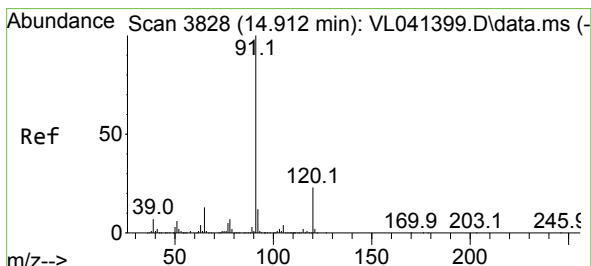
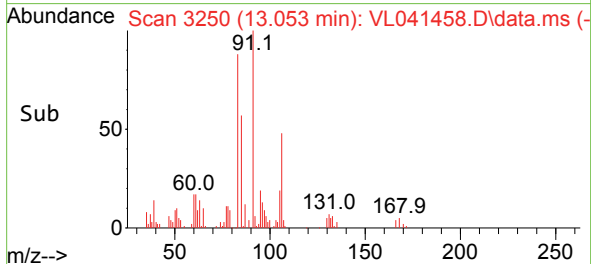
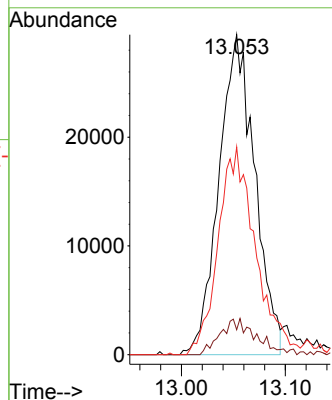
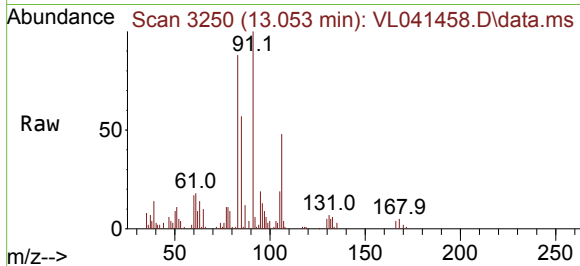




#63
1,1,2,2-Tetrachloroethane
Concen: 0.472 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

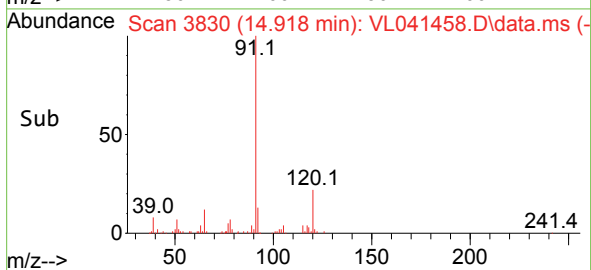
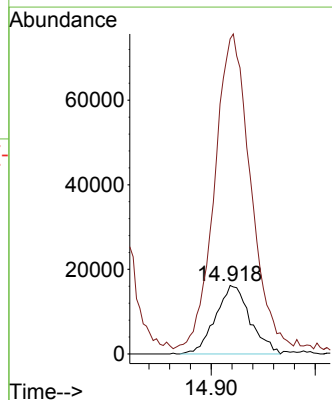
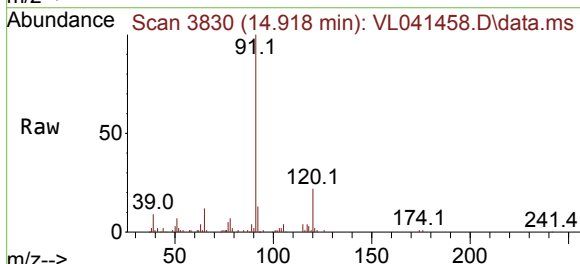
Instrument :
MSVOA_L
ClientSampleId :

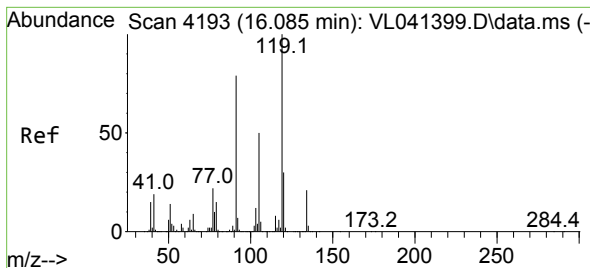
Tgt Ion: 83 Resp: 70747
Ion Ratio Lower Upper
83 100
131 11.1 4.8 14.4
85 69.0 32.6 98.0



#64
n-propylbenzene
Concen: 0.397 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 120 Resp: 37447
Ion Ratio Lower Upper
120 100
91 518.1 361.4 542.0

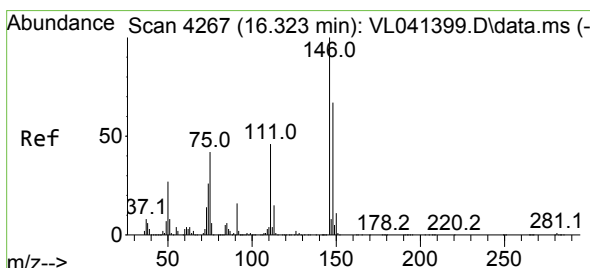
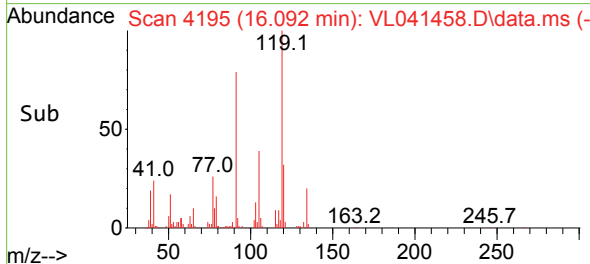
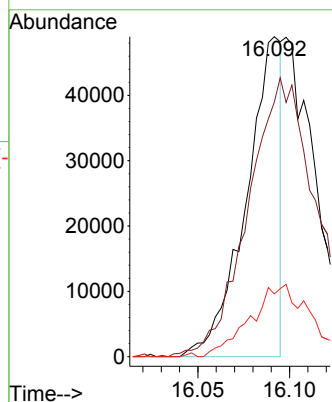
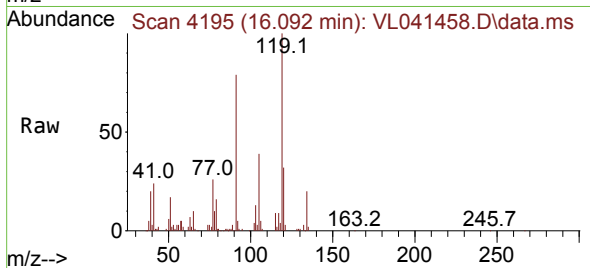




#65
tert-Butylbenzene
Concen: 0.200 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

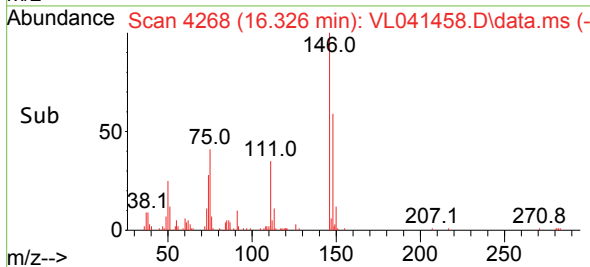
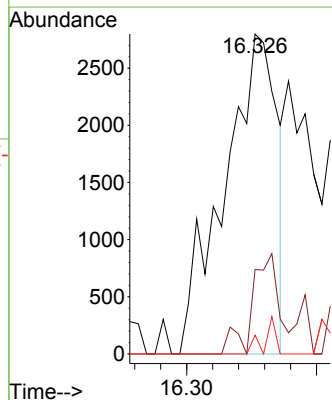
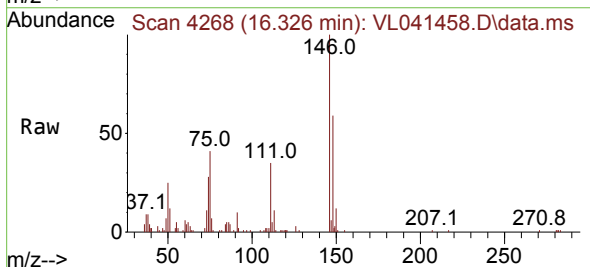
Instrument :
MSVOA_L
ClientSampleId :

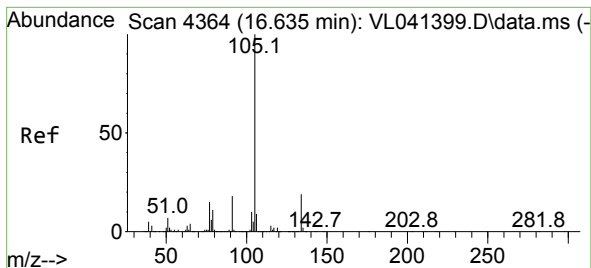
Tgt Ion:119 Resp: 65081
Ion Ratio Lower Upper
119 100
91 0.0 64.2 96.2#
134 0.0 15.7 23.5#



#66
Benzyl Chloride
Concen: 0.189 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. -0.010 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 91 Resp: 3951
Ion Ratio Lower Upper
91 100
126 19.7 13.8 20.8
128 2.4 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.417 ppbv

RT: 16.641 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

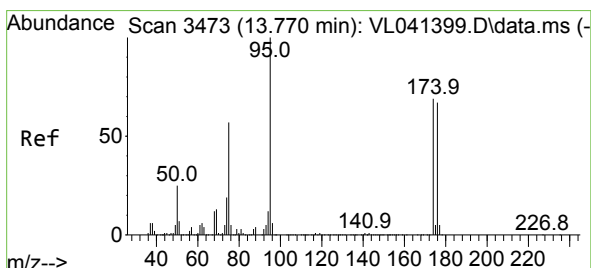
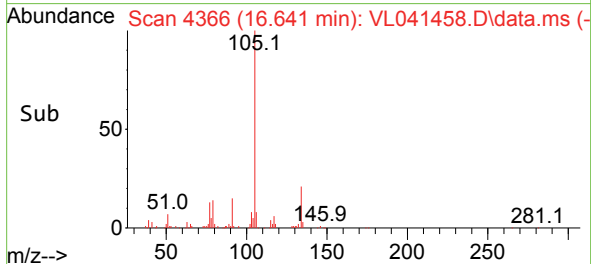
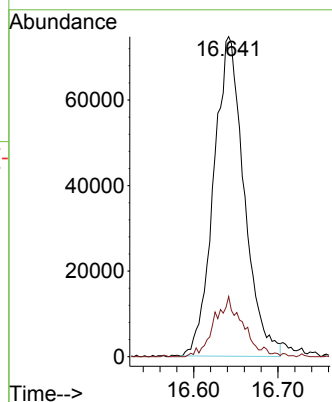
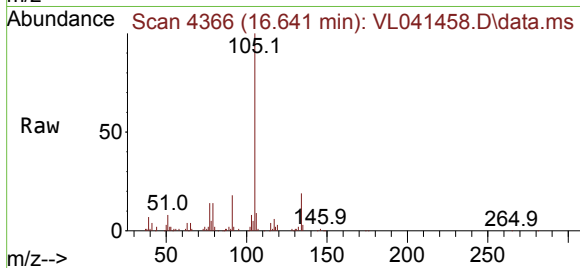
ClientSampleId :

Tgt Ion:105 Resp: 187315

Ion Ratio Lower Upper

105 100

134 18.1 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 10.038 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. -0.003 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

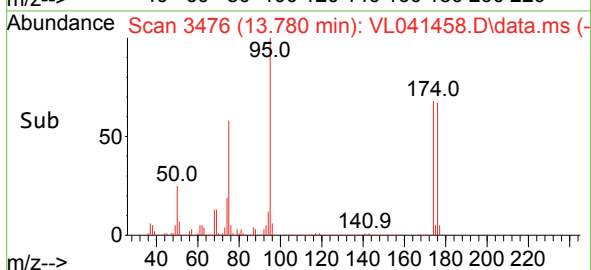
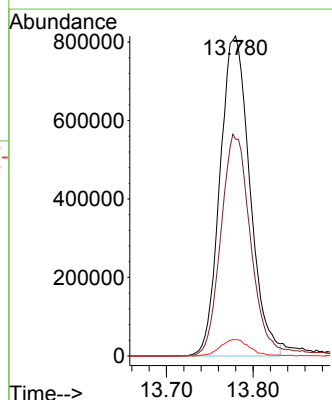
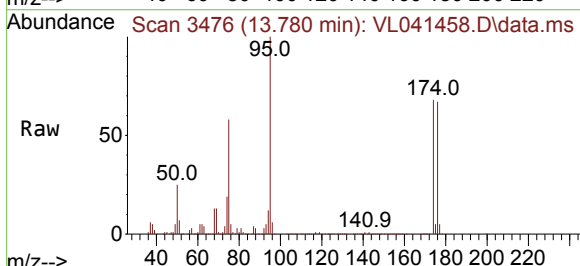
Tgt Ion: 95 Resp: 1949146

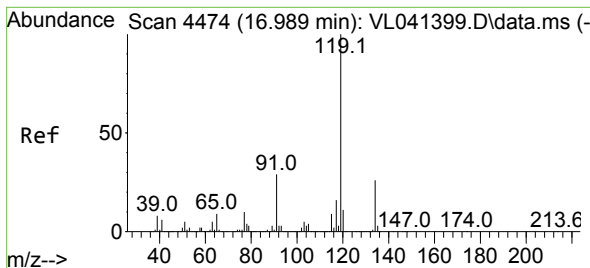
Ion Ratio Lower Upper

95 100

174 71.0 56.3 84.5

175 5.2 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.371 ppbv

RT: 17.002 min Scan# 4474

Delta R.T. 0.000 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

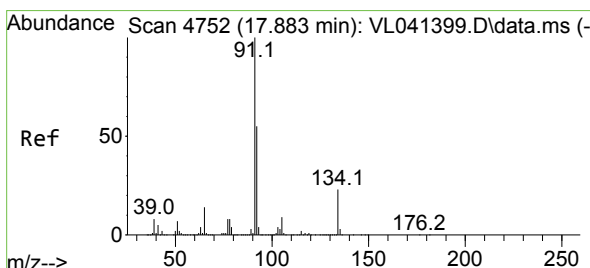
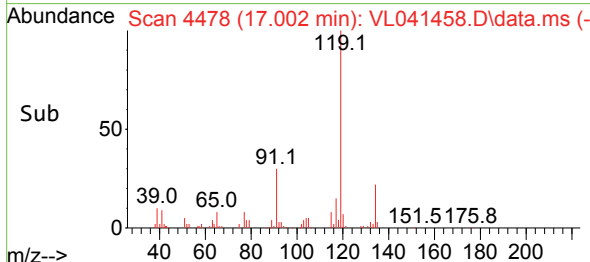
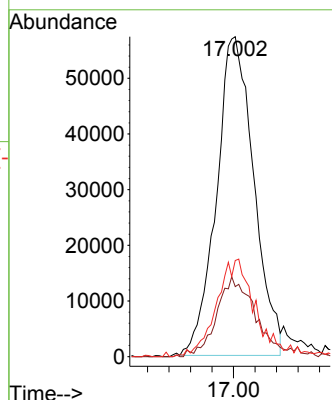
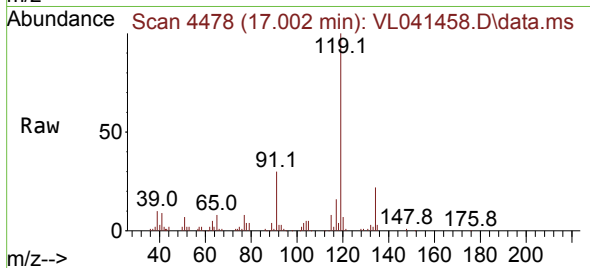
Tgt Ion:119 Resp: 138358

Ion Ratio Lower Upper

119 100

134 26.7 20.5 30.7

91 32.5 23.2 34.8



#70

n-Butylbenzene

Concen: 0.398 ppbv

RT: 17.899 min Scan# 4757

Delta R.T. 0.006 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

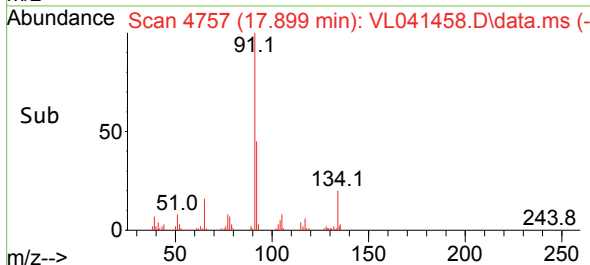
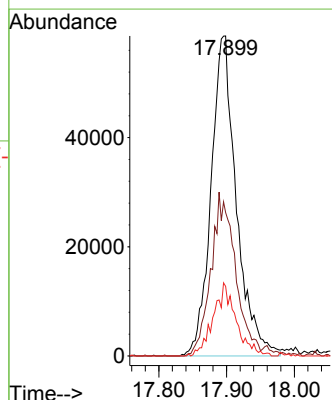
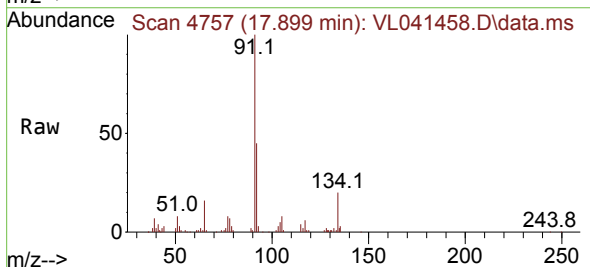
Tgt Ion: 91 Resp: 152186

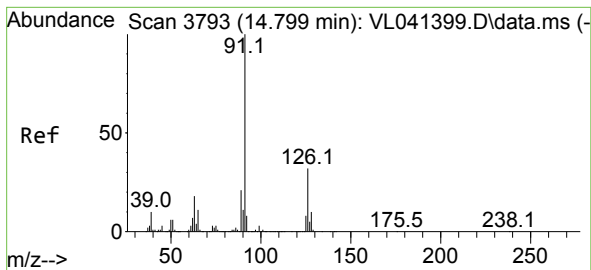
Ion Ratio Lower Upper

91 100

92 51.0 43.2 64.8

134 20.6 18.5 27.7

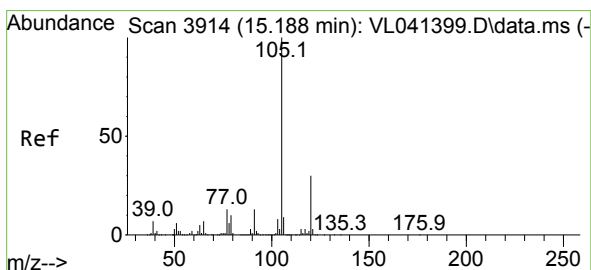
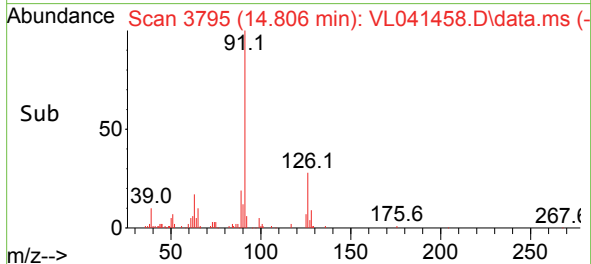
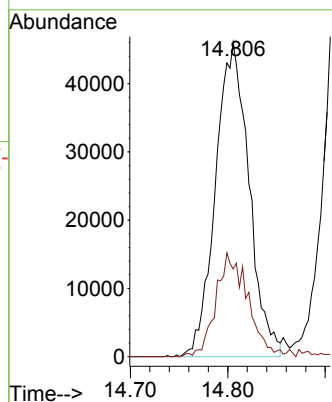
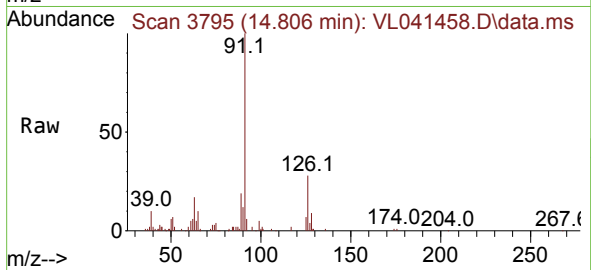




#71
2-Chlorotoluene
Concen: 0.413 ppbv
RT: 14.806 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

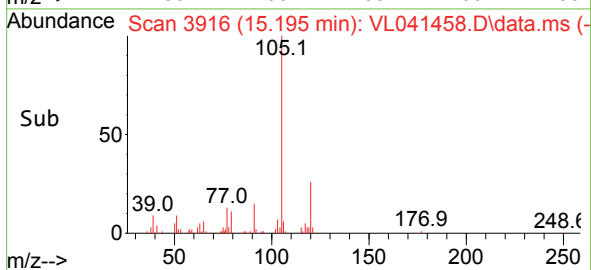
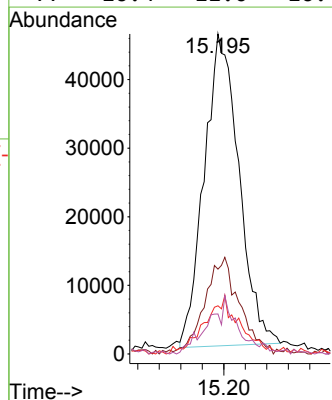
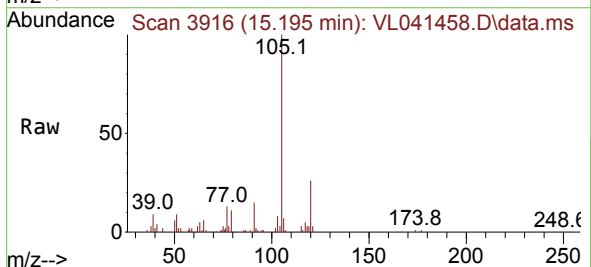
Instrument :
MSVOA_L
ClientSampleId :

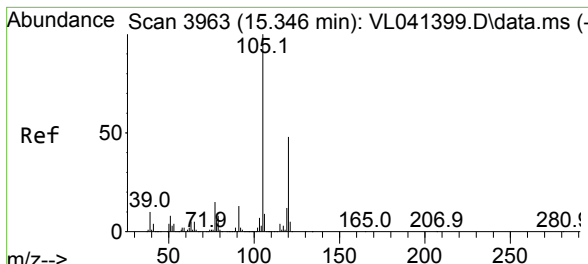
Tgt Ion: 91 Resp: 109829
Ion Ratio Lower Upper
91 100
126 31.7 12.7 50.9



#72
4-Ethyltoluene
Concen: 0.364 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VL041458.D
Acq: 31 Jul 2024 11:34

Tgt Ion: 105 Resp: 101829
Ion Ratio Lower Upper
105 100
120 31.8 24.2 36.2
91 19.4 10.4 15.6#
77 16.4 11.0 16.4

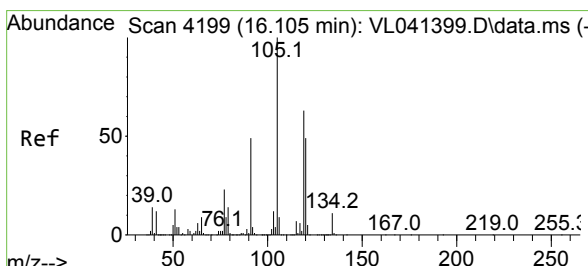
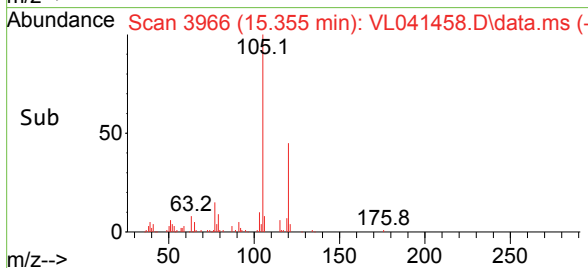
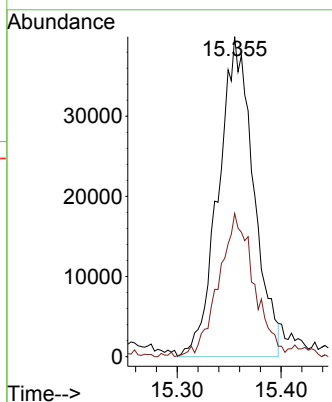
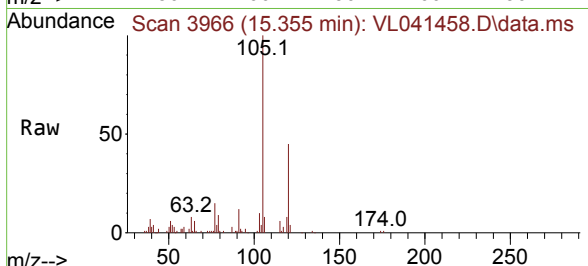




#73
 1,3,5-Trimethylbenzene
 Concen: 0.389 ppbv
 RT: 15.355 min Scan# 3966
 Delta R.T. -0.003 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

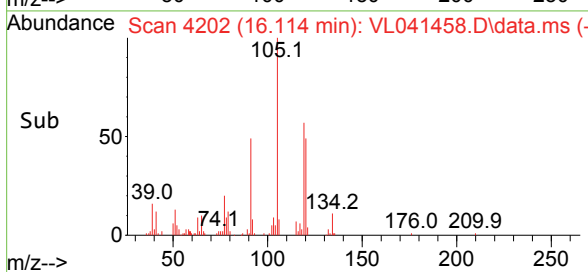
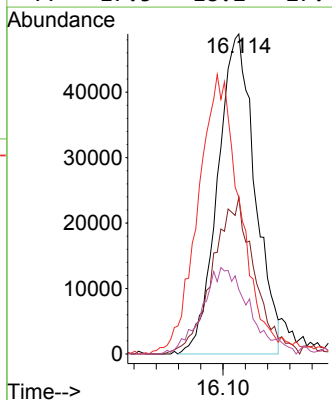
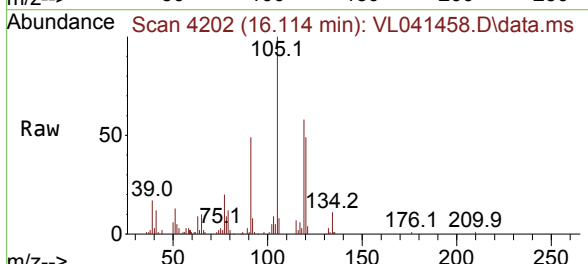
Instrument :
 MSVOA_L
 ClientSampleId :

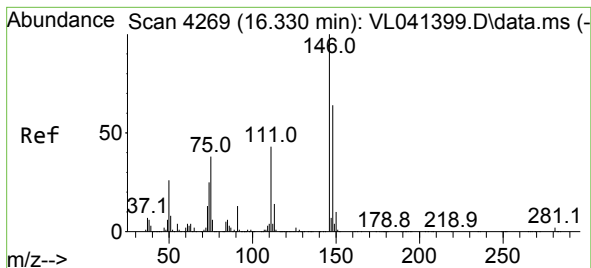
Tgt Ion:105 Resp: 93690
 Ion Ratio Lower Upper
 105 100
 120 44.4 38.6 57.8



#74
 1,2,4-Trimethylbenzene
 Concen: 0.405 ppbv
 RT: 16.114 min Scan# 4202
 Delta R.T. -0.003 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

Tgt Ion:105 Resp: 113505
 Ion Ratio Lower Upper
 105 100
 120 47.1 39.5 59.3
 91 45.3 39.8 59.8
 77 17.5 18.2 27.4#





#75

1,3-Dichlorobenzene

Concen: 0.235 ppbv

RT: 16.333 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

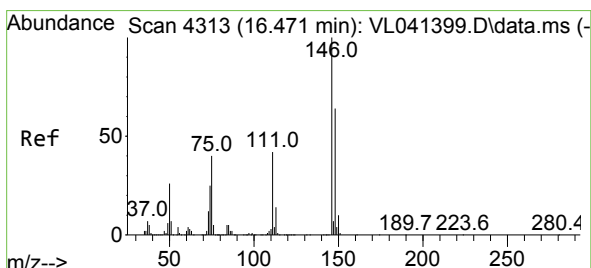
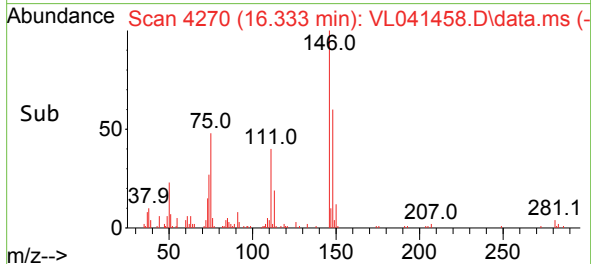
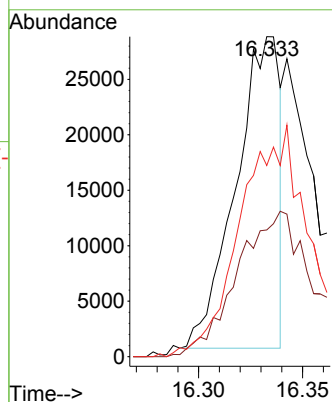
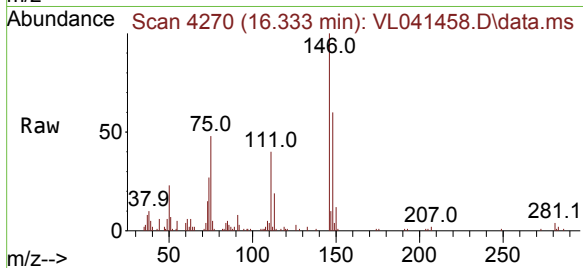
Tgt Ion:146 Resp: 41363

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: 0.398 ppbv

RT: 16.477 min Scan# 4315

Delta R.T. -0.003 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

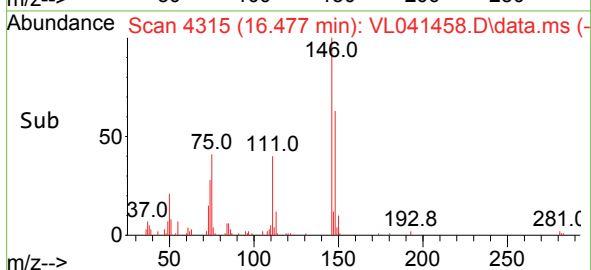
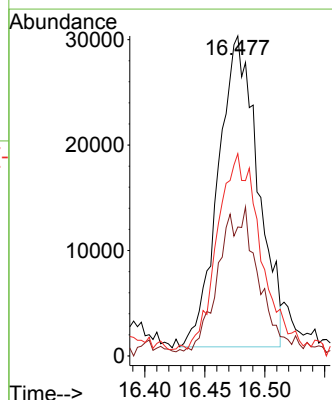
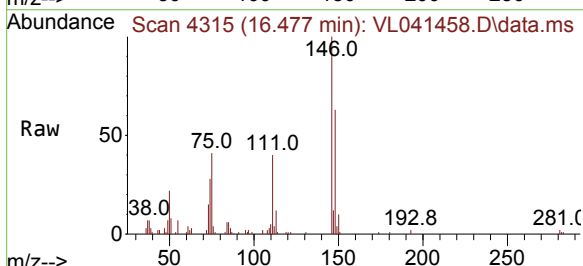
Tgt Ion:146 Resp: 67894

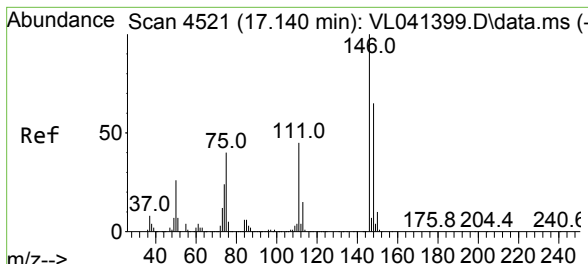
Ion Ratio Lower Upper

146 100

111 53.0 22.4 67.0

148 79.0 33.1 99.5



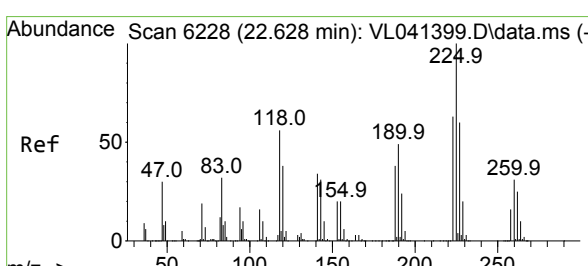
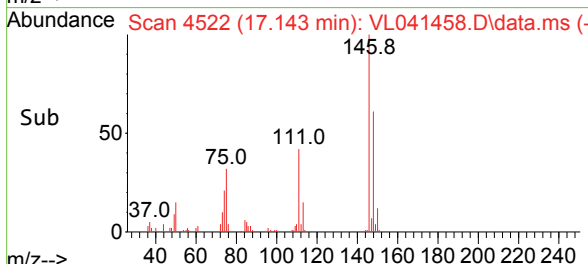
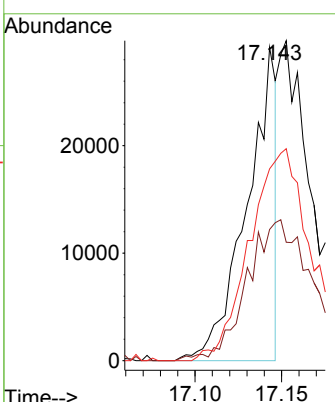
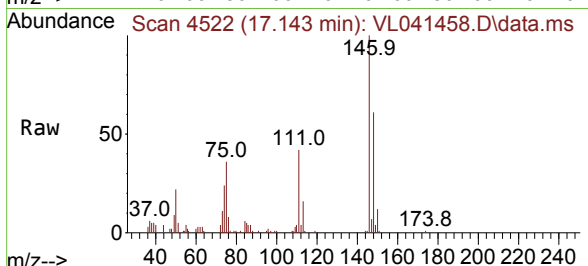


#77
 1,2-Dichlorobenzene
 Concen: 0.196 ppbv
 RT: 17.143 min Scan# 4522
 Delta R.T. -0.006 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion:146 Resp: 34183

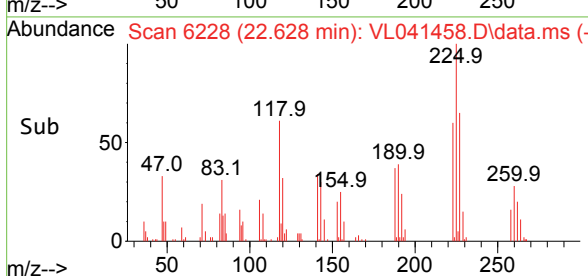
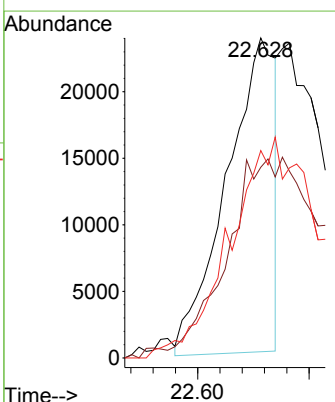
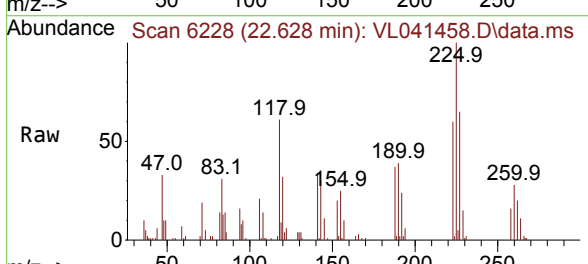
Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.4	70.0#
148	0.0	32.2	96.6#

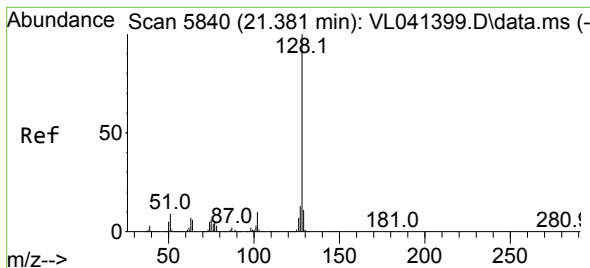


#78
 Hexachloro-1,3-Butadiene
 Concen: 0.241 ppbv
 RT: 22.628 min Scan# 6228
 Delta R.T. -0.010 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

Tgt Ion:225 Resp: 35847

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.6	76.0#
227	0.0	50.8	76.2#





#79

Naphthalene

Concen: 0.130 ppbv

RT: 21.384 min Scan# 5840

Delta R.T. -0.006 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

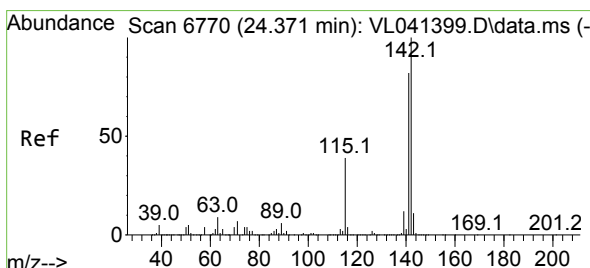
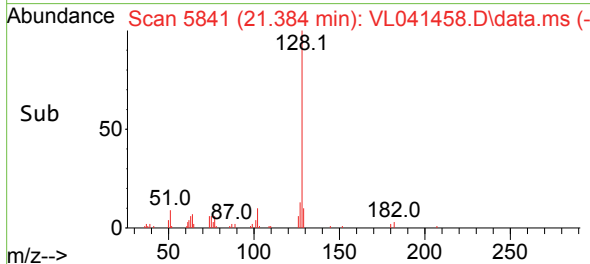
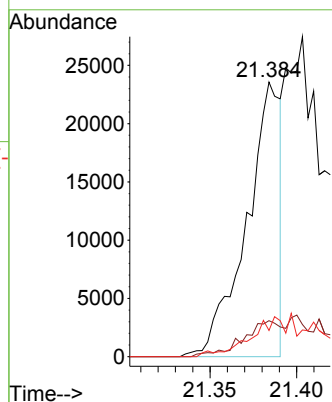
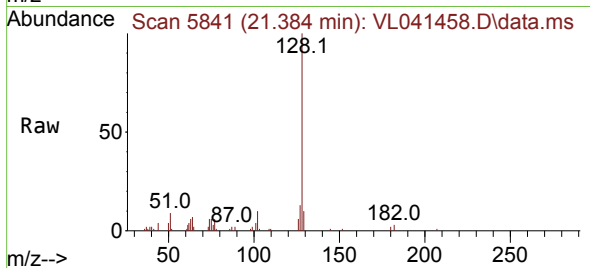
Tgt Ion:128 Resp: 32191

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 9.6 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 0.152 ppbv

RT: 24.377 min Scan# 6772

Delta R.T. -0.000 min

Lab File: VL041458.D

Acq: 31 Jul 2024 11:34

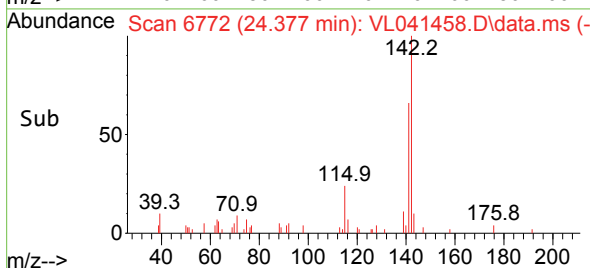
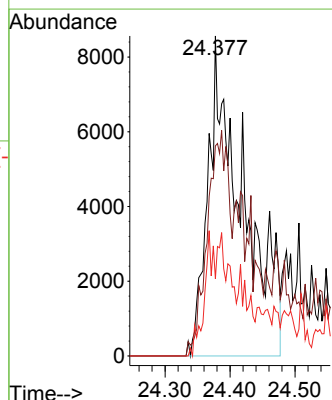
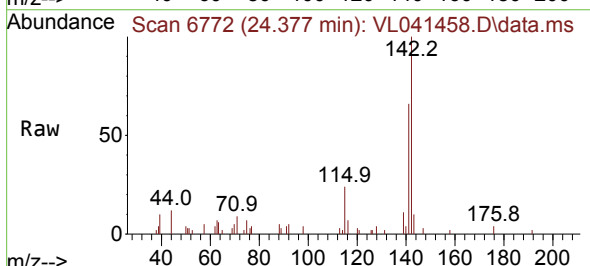
Tgt Ion:142 Resp: 31548

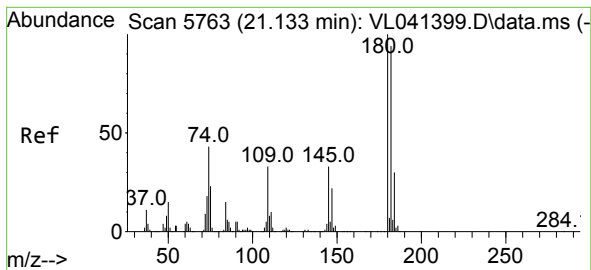
Ion Ratio Lower Upper

142 100

141 89.2 67.0 100.4

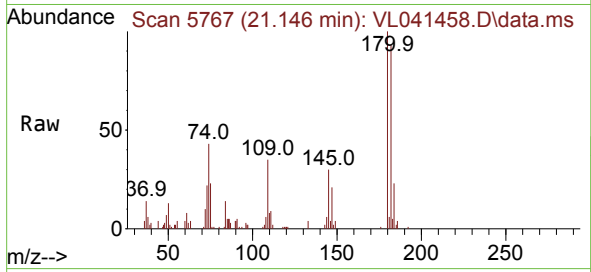
115 34.0 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 0.174 ppbv
 RT: 21.146 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL041458.D
 Acq: 31 Jul 2024 11:34

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 25601
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.7 115.1#
 184 67.4 24.5 36.7#

