

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041355.D
 Acq On : 26 Jun 2024 10:53
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 27 08:26:31 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Wed Jun 12 01:18:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1086028	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2925160	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2627999	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1999103	9.852	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.742	85	111443	0.643	ppbv	90
3) Chlorodifluoromethane	2.690	51	101848	0.593	ppbv	98
4) Chloromethane	2.825	50	38560	0.597	ppbv	89
5) Vinyl Chloride	2.931	62	37595	0.578	ppbv	98
6) Bromomethane	3.134	94	12903	0.558	ppbv	97
7) Chloroethane	3.208	64	12625	0.563	ppbv	99
8) Dichlorotetrafluoroethane	2.870	85	99751	0.625	ppbv	97
9) Propene	2.706	41	37019	0.606	ppbv	96
10) Heptane	7.590	43	46489	0.321	ppbv #	28
11) Trichlorofluoromethane	3.575	101	96458	0.605	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.076	101	66200	0.588	ppbv	86
13) Ethanol	3.279	45	5815	0.366	ppbv #	47
14) Bromoethene	3.382	108	26798	0.588	ppbv	93
15) Acetone	3.497	43	72262	0.583	ppbv #	84
16) 1,3-Butadiene	2.996	39	30513	0.490	ppbv #	70
17) tert-Butyl alcohol	3.912	59	46507	0.407	ppbv	100
18) 1,1-Dichloroethene	3.893	96	29201	0.608	ppbv	95
19) Isopropyl Alcohol	3.616	45	32802	0.421	ppbv #	84
20) Methylene Chloride	3.948	84	29480	0.654	ppbv #	94
21) Allyl Chloride	4.012	41	45374	0.578	ppbv	93
22) trans-1,2-Dichloroethene	4.462	96	28837	0.576	ppbv	97
23) Vinyl Acetate	4.652	43	69424	0.547	ppbv #	93
24) 1,1-Dichloroethane	4.574	63	63872	0.573	ppbv	98
25) Ethyl Acetate	5.227	43	135014	0.550	ppbv #	97
26) Hexane	5.227	57	60677	0.550	ppbv	96
27) Carbon Disulfide	4.140	76	68906	0.564	ppbv	96
28) Methyl tert-Butyl Ether	4.613	73	27014	0.330	ppbv #	51
29) Chloroform	5.288	83	96048	0.567	ppbv	85
30) Cyclohexane	6.616	84	44148	0.494	ppbv	91
31) cis-1,2-Dichloroethene	5.092	61	55682	0.534	ppbv	95
32) 1,1,1-Trichloroethane	6.015	97	88404	0.551	ppbv	97
34) 2-Butanone	4.819	43	70980	0.507	ppbv #	89
35) Carbon Tetrachloride	6.504	117	88220	0.531	ppbv	98
36) Benzene	6.385	78	124529	0.549	ppbv	98
37) 1,2-Dichloroethane	5.819	62	71817	0.543	ppbv	100
38) Trichloroethene	7.304	130	46857	0.510	ppbv	92
39) 1,2-Dichloropropane	7.086	63	48936	0.542	ppbv #	83
40) 1,4-Dioxane	7.324	88	2429	0.073	ppbv #	1
41) Tetrahydrofuran	5.597	42	48672	0.534	ppbv	99
42) Bromodichloromethane	7.259	83	97342	0.513	ppbv #	91
43) Methyl Methacrylate	7.500	69	40850	0.473	ppbv	92
44) 2,2,4-Trimethylpentane	7.340	57	211857	0.543	ppbv	97
45) t-1,3-Dichloropropene	8.729	75	22468	0.385	ppbv #	86

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 Data File : VL041355.D
 Acq On : 26 Jun 2024 10:53
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 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

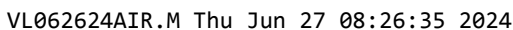
Instrument :
 MSVOA_L
 ClientSampleId :

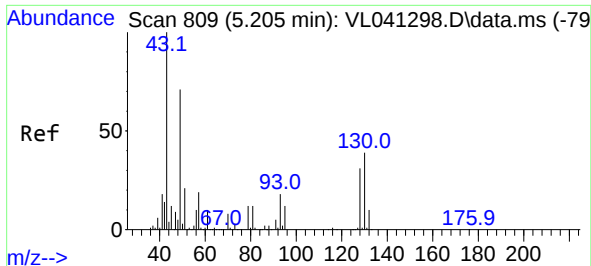
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 12 01:18:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	32187	0.429	ppbv #	81
47) 1,1,2-Trichloroethane	8.915	97	34666	0.367	ppbv	95
48) Dibromochloromethane	9.729	129	71734	0.461	ppbv	90
49) Bromoform	12.417	173	26620	0.212	ppbv #	10
50) 4-Methyl-2-Pentanone	8.217	43	115241	0.497	ppbv	92
51) 2-Hexanone	9.594	43	65017	0.394	ppbv #	94
52) Tetrachloroethene	10.629	164	37149	0.449	ppbv	94
53) Toluene	9.240	91	131630	0.505	ppbv	100
54) 1,2-Dibromoethane	10.018	107	57822	0.470	ppbv	89
56) 1,1,1,2-Tetrachloroethane	11.523	131	63590	0.572	ppbv #	1
57) Chlorobenzene	11.542	112	110939	0.568	ppbv #	89
58) Ethyl Benzene	12.098	91	93902	0.279	ppbv	92
59) m/p-Xylene	12.384	91	150121	0.520	ppbv #	28
60) o-Xylene	13.073	91	147983	0.538	ppbv	99
61) Styrene	12.918	104	61732	0.458	ppbv	96
62) Isopropylbenzene	14.044	105	235837	0.567	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.069	83	107483	0.549	ppbv	92
64) n-propylbenzene	14.934	120	33712	0.314	ppbv #	1
65) tert-Butylbenzene	16.105	119	204186	0.552	ppbv	97
66) Benzyl Chloride	16.346	91	2243	0.092	ppbv #	58
67) sec-Butylbenzene	16.658	105	137351	0.263	ppbv #	59
69) p-Isopropyltoluene	17.011	119	233339	0.542	ppbv	98
70) n-Butylbenzene	17.908	91	235533	0.527	ppbv	97
71) 2-Chlorotoluene	14.818	91	169749	0.533	ppbv	99
72) 4-Ethyltoluene	15.211	105	112684	0.352	ppbv #	73
73) 1,3,5-Trimethylbenzene	15.371	105	135134	0.486	ppbv	98
74) 1,2,4-Trimethylbenzene	16.121	105	166943	0.531	ppbv #	87
75) 1,3-Dichlorobenzene	16.349	146	97516	0.528	ppbv	91
76) 1,4-Dichlorobenzene	16.494	146	52693	0.285	ppbv #	21
77) 1,2-Dichlorobenzene	17.162	146	103661	0.561	ppbv	94
78) Hexachloro-1,3-Butadiene	22.654	225	60415	0.399	ppbv #	67
79) Naphthalene	21.416	128	26837	0.098	ppbv	96
81) 1,2,4-Trichlorobenzene	21.169	180	19767	0.130	ppbv #	2

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

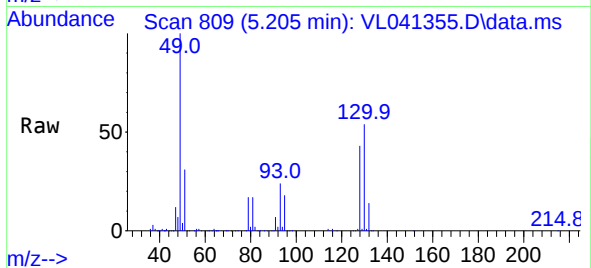
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QLast Update : Wed Jun 12 01:18:29 2024
Response via : Initial Calibration



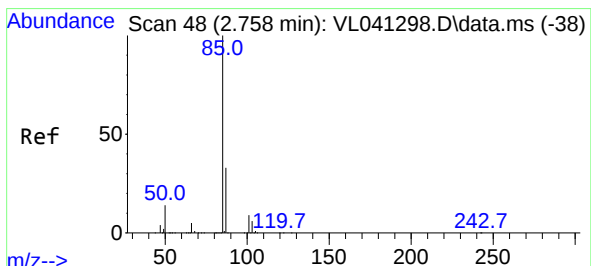
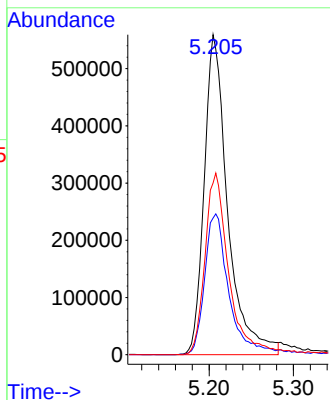
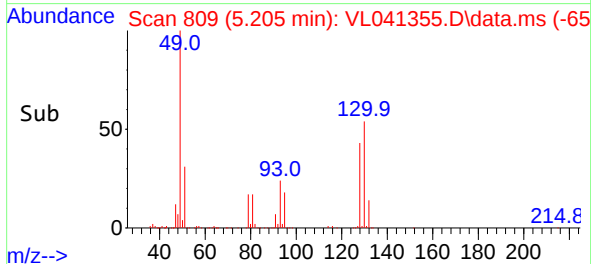


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :

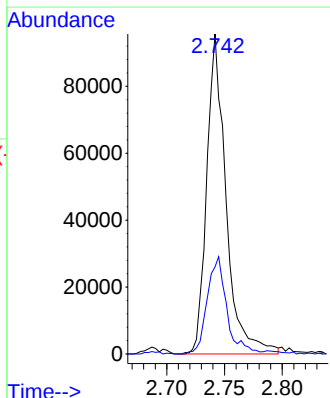
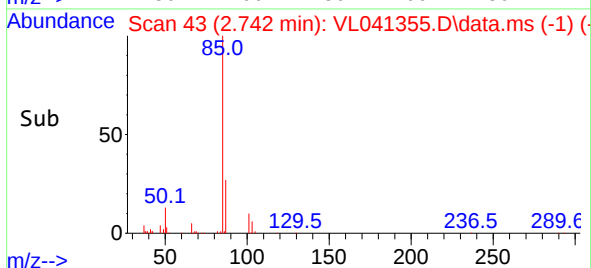
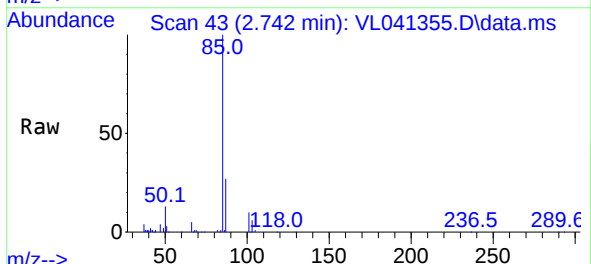


Tgt Ion: 49 Resp: 1086028
Ion Ratio Lower Upper
49 100
128 47.2 22.8 68.3
130 58.0 28.4 85.3

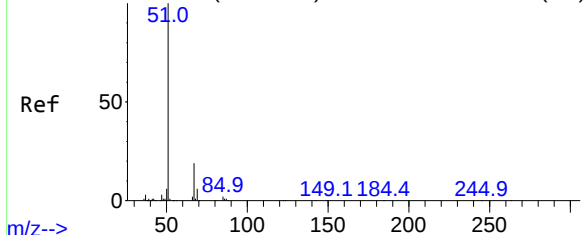


#2
Dichlorodifluoromethane
Concen: 0.643 ppbv
RT: 2.742 min Scan# 43
Delta R.T. -0.016 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 85 Resp: 111443
Ion Ratio Lower Upper
85 100
87 27.2 26.5 39.7



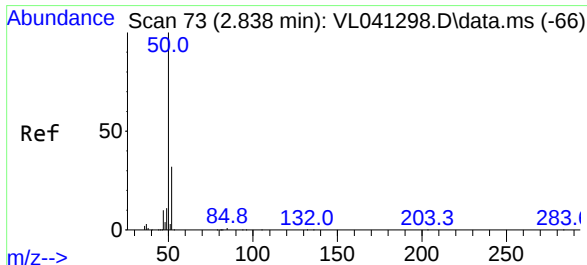
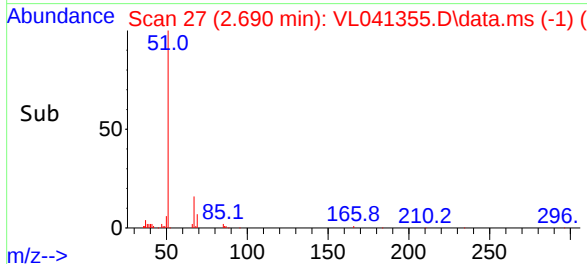
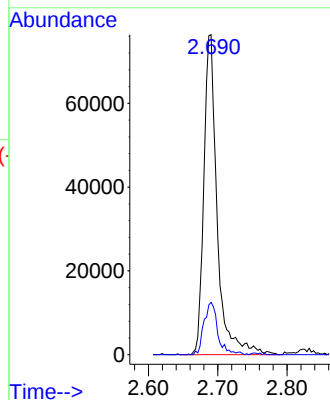
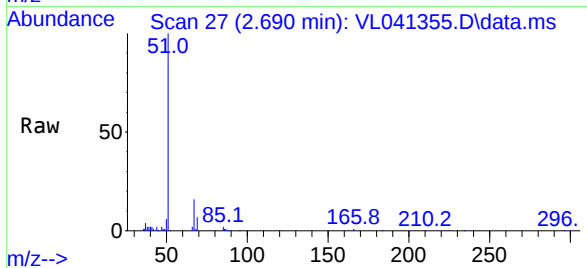
Abundance Scan 31 (2.703 min): VL041298.D\data.ms (-16)



#3
Chlorodifluoromethane
Concen: 0.593 ppbv
RT: 2.690 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

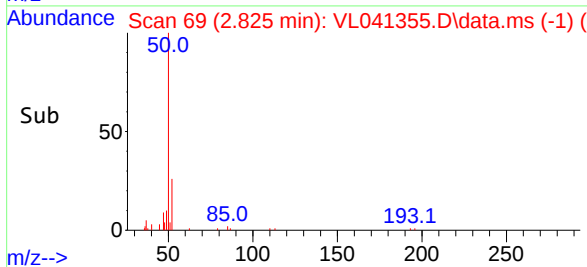
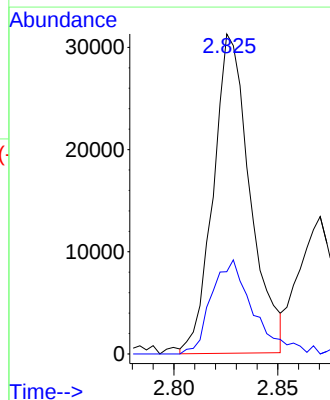
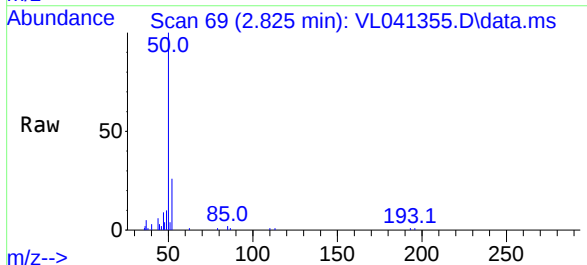
Instrument :
MSVOA_L
ClientSampleId :

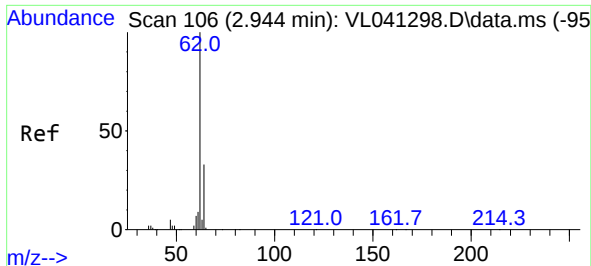
Tgt Ion: 51 Resp: 101848
Ion Ratio Lower Upper
51 100
67 17.4 14.7 22.1



#4
Chloromethane
Concen: 0.597 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.013 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 50 Resp: 38560
Ion Ratio Lower Upper
50 100
52 26.1 25.6 38.4

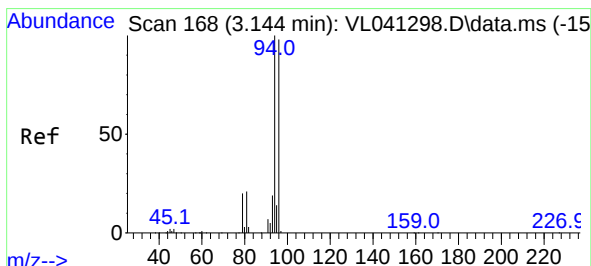
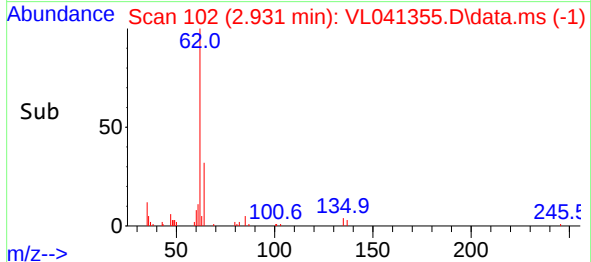
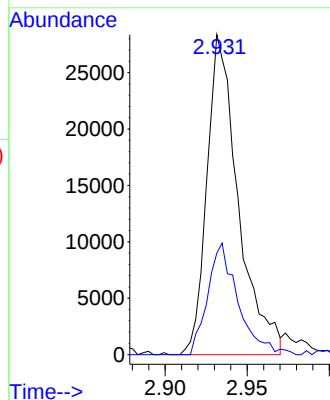
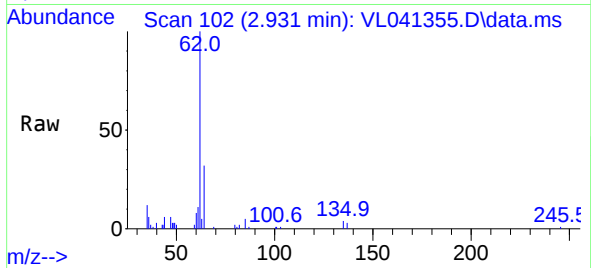




#5
 Vinyl Chloride
 Concen: 0.578 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. -0.013 min
 Lab File: VL041355.D
 Acq: 26 Jun 2024 10:53

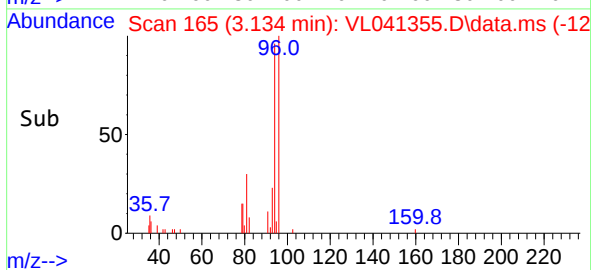
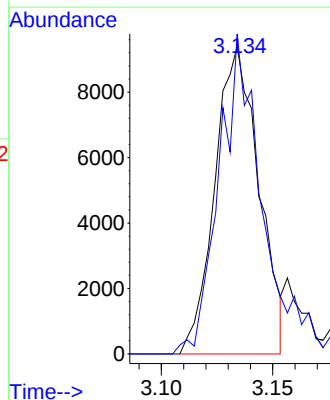
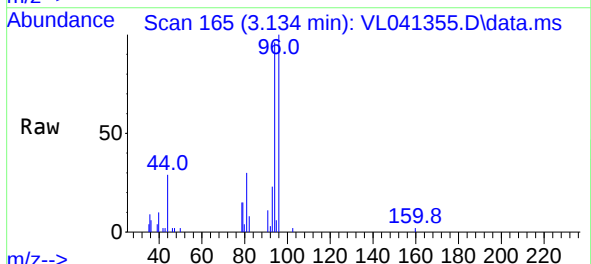
Instrument :
 MSVOA_L
 ClientSampleId :

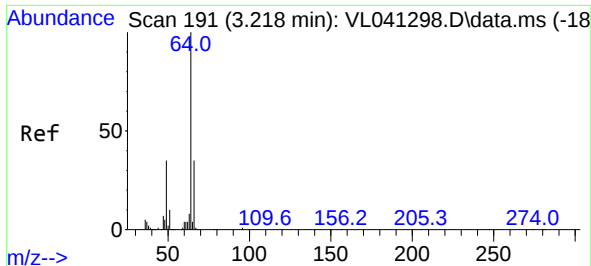
Tgt Ion: 62 Resp: 37595
 Ion Ratio Lower Upper
 62 100
 64 32.1 26.6 40.0



#6
 Bromomethane
 Concen: 0.558 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. -0.010 min
 Lab File: VL041355.D
 Acq: 26 Jun 2024 10:53

Tgt Ion: 94 Resp: 12903
 Ion Ratio Lower Upper
 94 100
 96 101.1 78.6 117.8

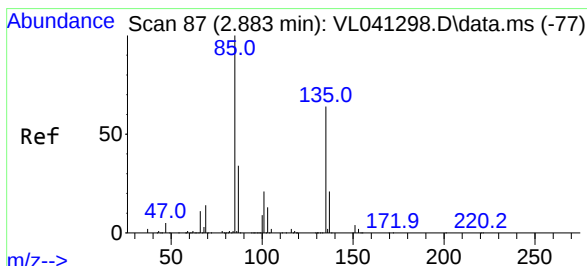
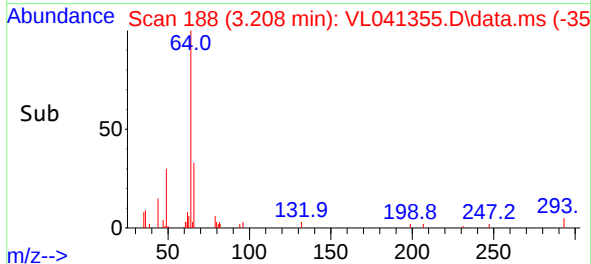
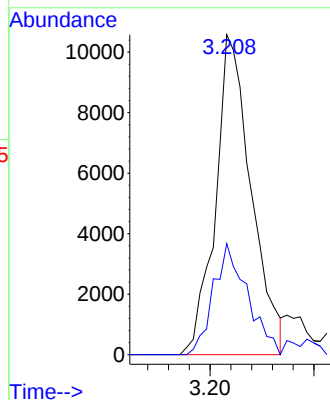
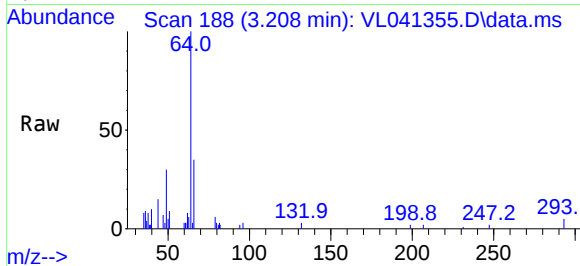




#7
Chloroethane
Concen: 0.563 ppbv
RT: 3.208 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

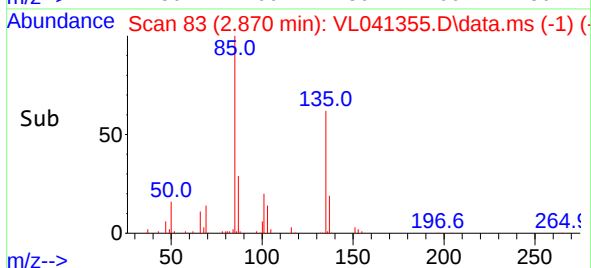
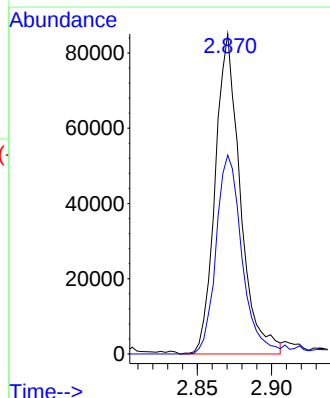
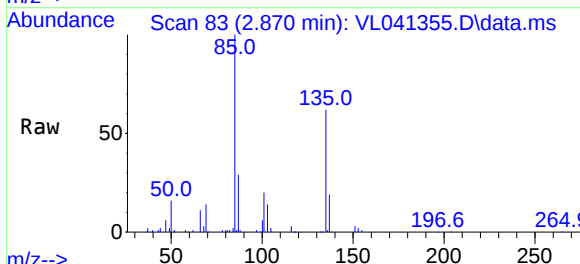
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 12625
Ion Ratio Lower Upper
64 100
66 34.7 28.1 42.1

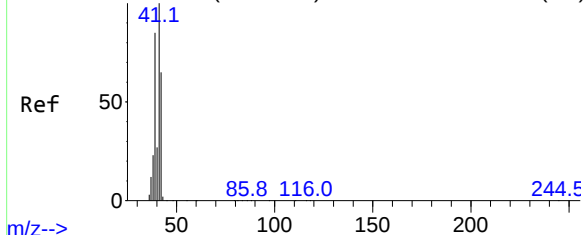


#8
Dichlorotetrafluoroethane
Concen: 0.625 ppbv
RT: 2.870 min Scan# 83
Delta R.T. -0.013 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 85 Resp: 99751
Ion Ratio Lower Upper
85 100
135 67.3 51.7 77.5



Abundance Scan 37 (2.722 min): VL041298.D\data.ms (-27)



#9

Propene

Concen: 0.606 ppbv

RT: 2.706 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

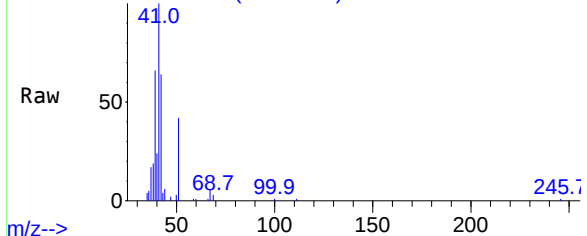
Tgt Ion: 41 Resp: 37019

Ion Ratio Lower Upper

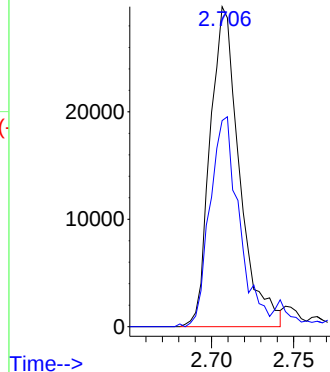
41 100

42 71.9 55.2 82.8

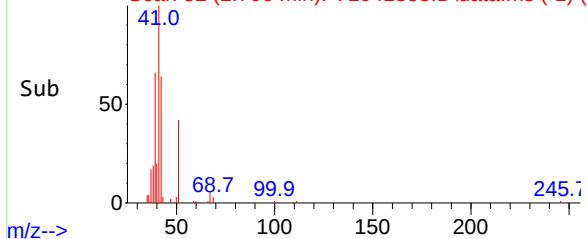
Abundance Scan 32 (2.706 min): VL041355.D\data.ms



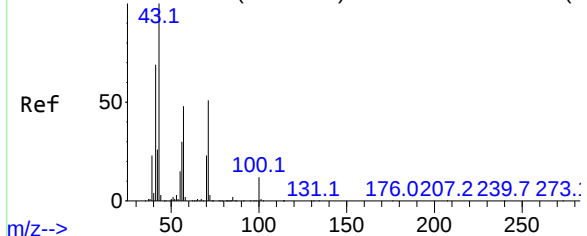
Abundance



Abundance Scan 32 (2.706 min): VL041355.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL041298.D\data.ms (-1)



#10

Heptane

Concen: 0.321 ppbv

RT: 7.590 min Scan# 1551

Delta R.T. 0.010 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

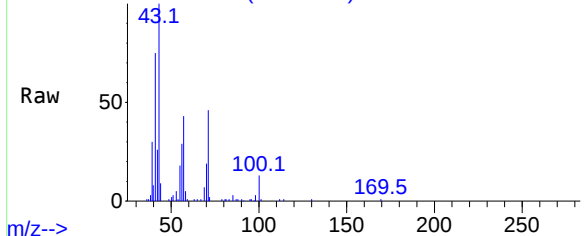
Tgt Ion: 43 Resp: 46489

Ion Ratio Lower Upper

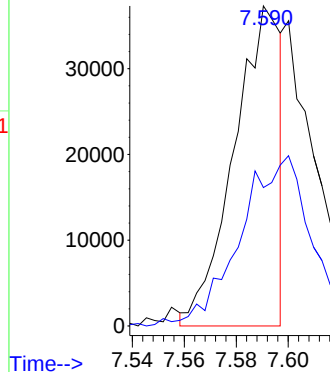
43 100

57 0.0 39.0 58.4

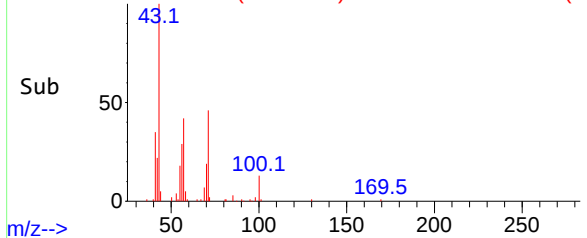
Abundance Scan 1551 (7.590 min): VL041355.D\data.ms

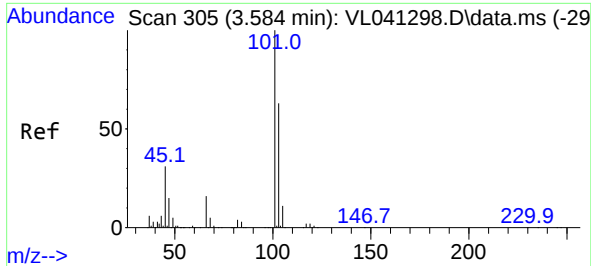


Abundance



Abundance Scan 1551 (7.590 min): VL041355.D\data.ms (-1)

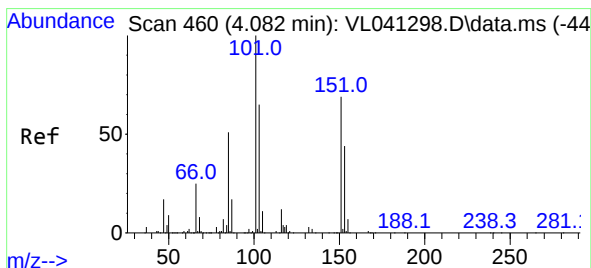
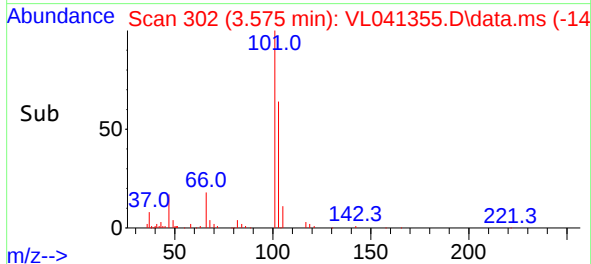
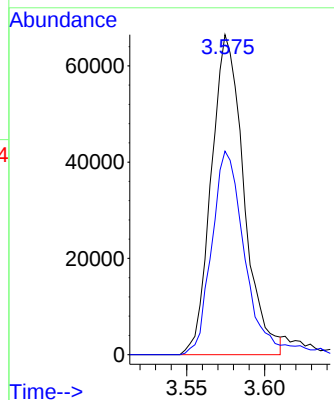
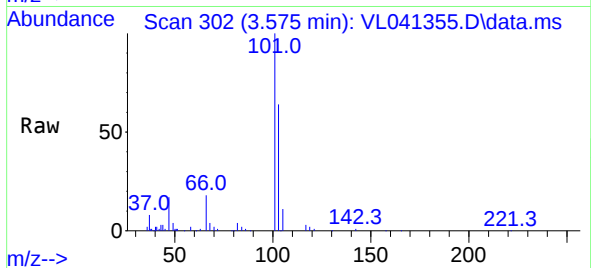




#11
Trichlorofluoromethane
Concen: 0.605 ppbv
RT: 3.575 min Scan# 305
Delta R.T. -0.010 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

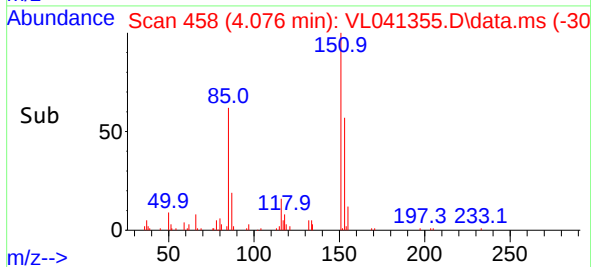
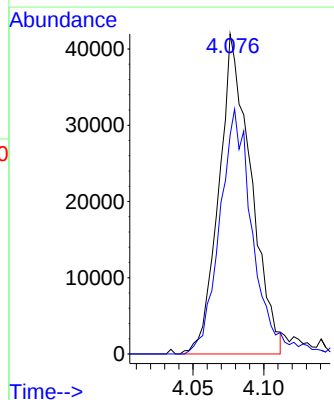
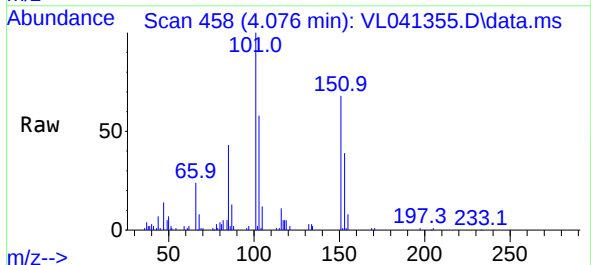
Instrument :
MSVOA_L
ClientSampleId :

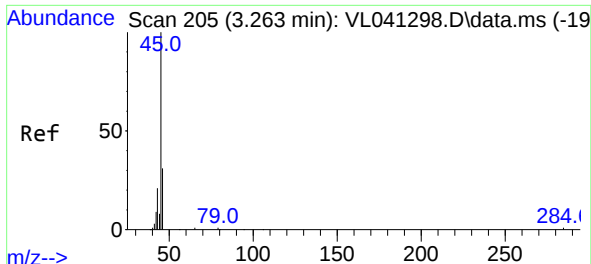
Tgt Ion:101 Resp: 96458
Ion Ratio Lower Upper
101 100
103 63.6 50.6 76.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.588 ppbv
RT: 4.076 min Scan# 458
Delta R.T. -0.006 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion:101 Resp: 66200
Ion Ratio Lower Upper
101 100
151 79.5 54.8 82.2

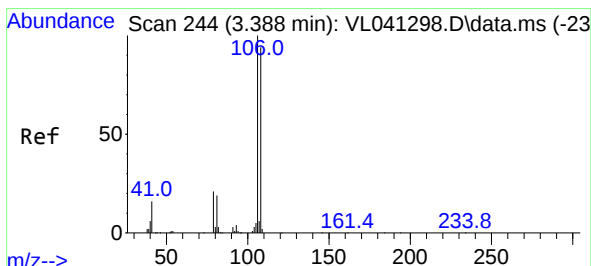
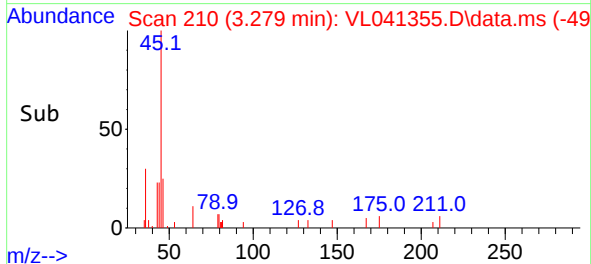
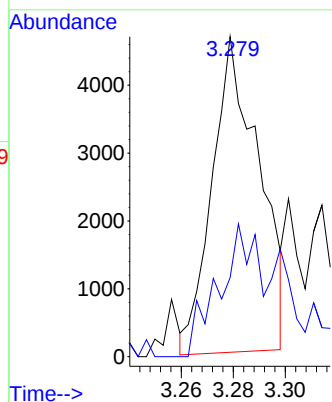
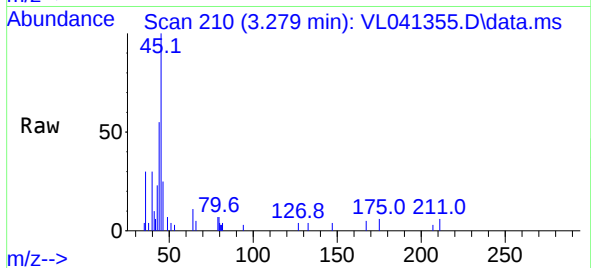




#13
Ethanol
Concen: 0.366 ppbv
RT: 3.279 min Scan# 210
Delta R.T. 0.016 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

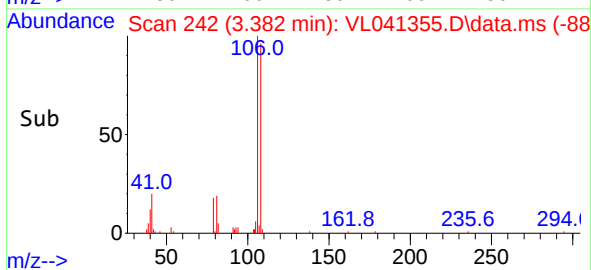
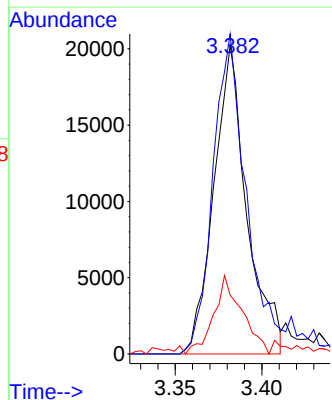
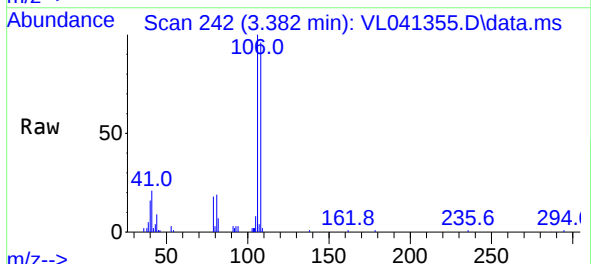
Instrument :
MSVOA_L
ClientSampleId :

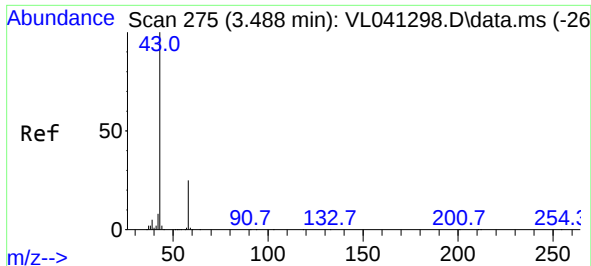
Tgt Ion: 45 Resp: 5815
Ion Ratio Lower Upper
45 100
46 66.1 14.2 56.6#



#14
Bromoethene
Concen: 0.588 ppbv
RT: 3.382 min Scan# 242
Delta R.T. -0.006 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion:108 Resp: 26798
Ion Ratio Lower Upper
108 100
106 113.6 85.4 128.0
79 26.8 17.8 26.8

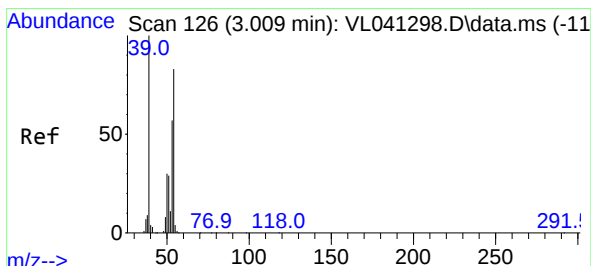
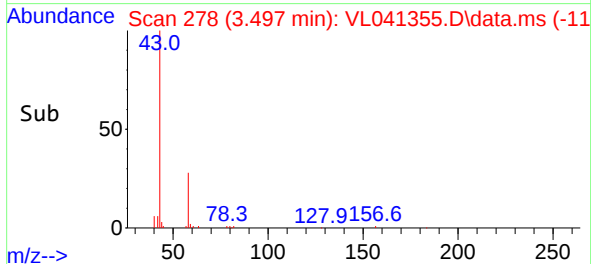
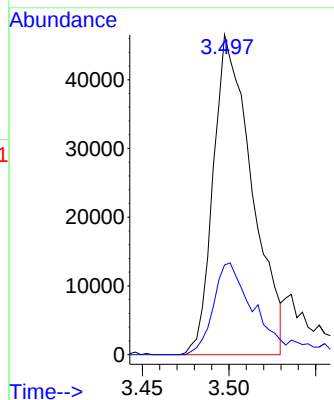
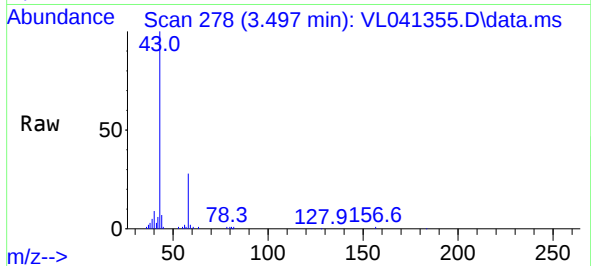




#15
Acetone
Concen: 0.583 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

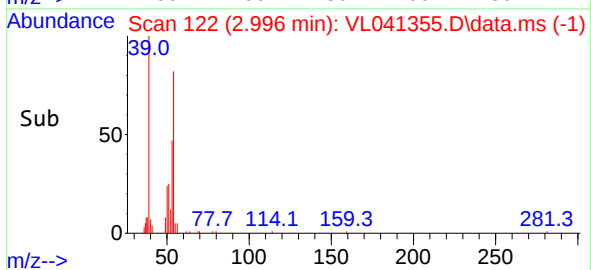
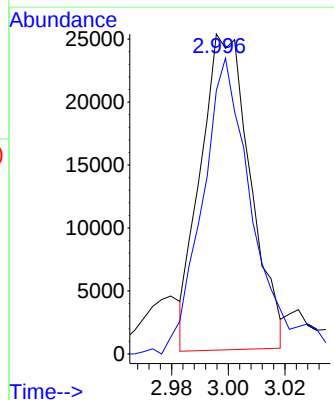
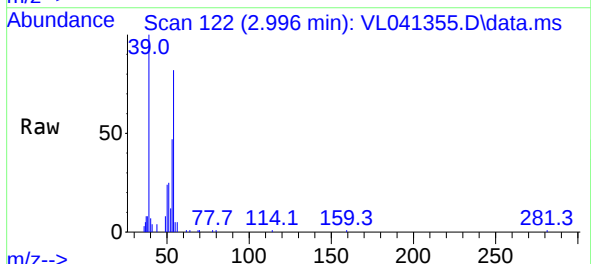
Instrument :
MSVOA_L
ClientSampleId :

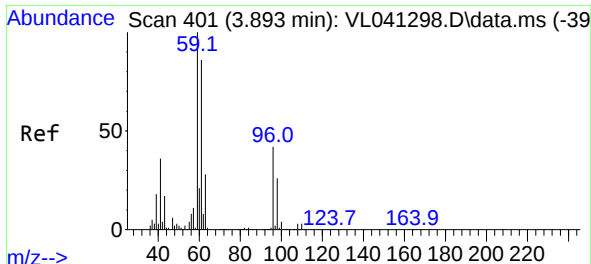
Tgt Ion: 43 Resp: 72262
Ion Ratio Lower Upper
43 100
58 33.8 20.6 31.0#



#16
1,3-Butadiene
Concen: 0.490 ppbv
RT: 2.996 min Scan# 122
Delta R.T. -0.013 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 39 Resp: 30513
Ion Ratio Lower Upper
39 100
54 101.3 60.5 90.7#

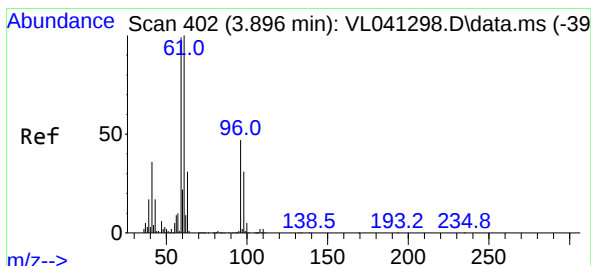
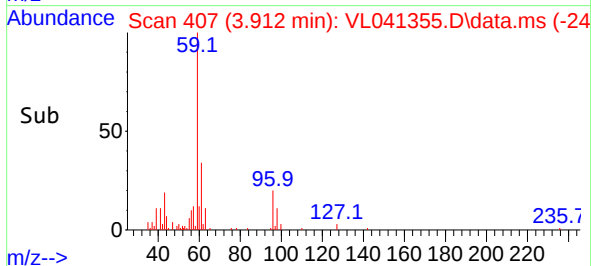
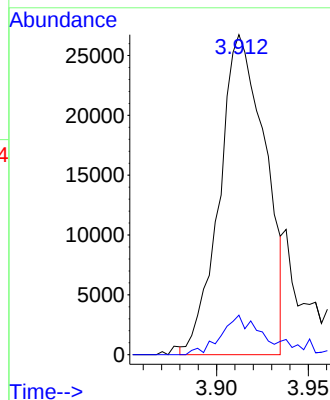
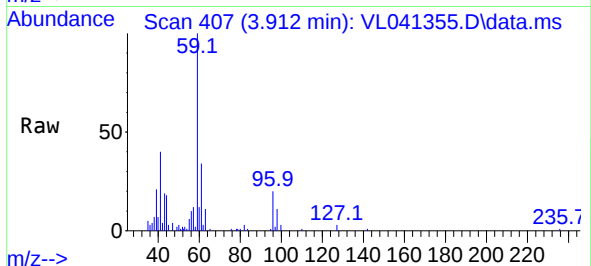




#17
tert-Butyl alcohol
Concen: 0.407 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.019 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

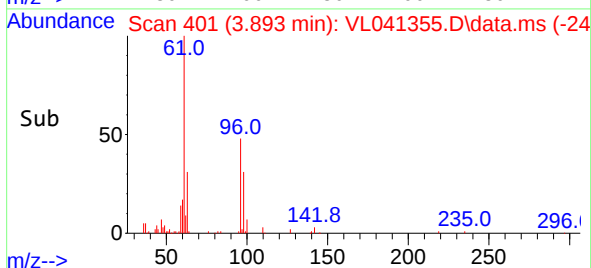
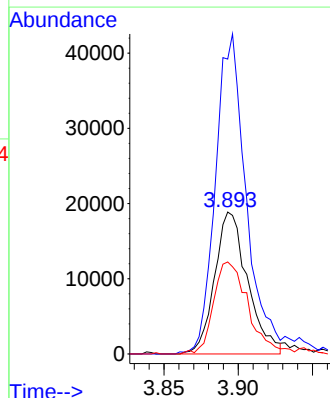
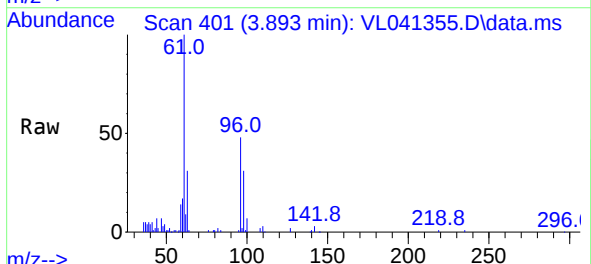
Instrument :
MSVOA_L
ClientSampleId :

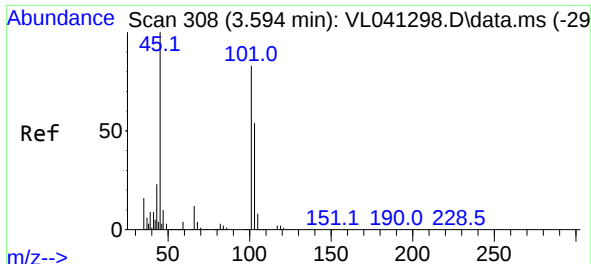
Tgt Ion: 59 Resp: 46507
Ion Ratio Lower Upper
59 100
57 11.2 9.0 13.4



#18
1,1-Dichloroethene
Concen: 0.608 ppbv
RT: 3.893 min Scan# 401
Delta R.T. -0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 96 Resp: 29201
Ion Ratio Lower Upper
96 100
61 206.2 171.8 257.8
98 64.8 53.1 79.7





#19

Isopropyl Alcohol

Concen: 0.421 ppbv

RT: 3.616 min Scan# 315

Delta R.T. 0.023 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

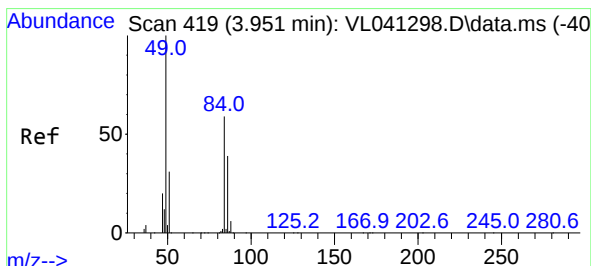
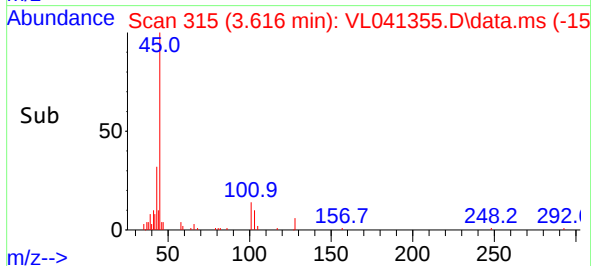
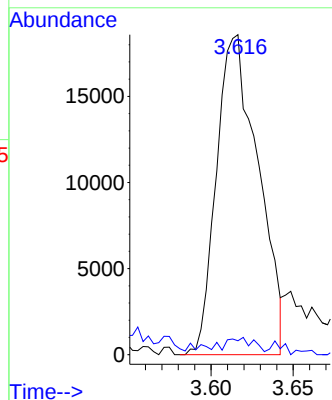
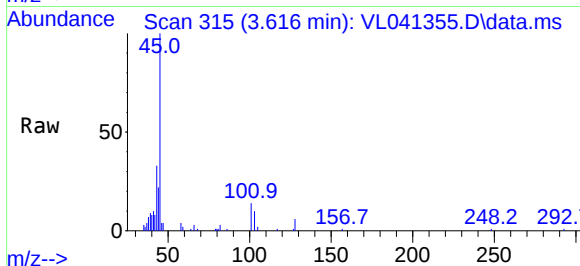
ClientSampleId :

Tgt Ion: 45 Resp: 32802

Ion Ratio Lower Upper

45 100

58 7.5 1.4 2.2#



#20

Methylene Chloride

Concen: 0.654 ppbv

RT: 3.948 min Scan# 418

Delta R.T. -0.003 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Tgt Ion: 84 Resp: 29480

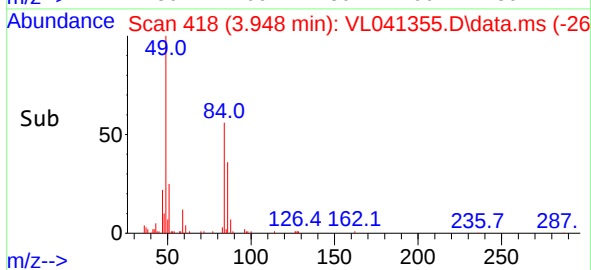
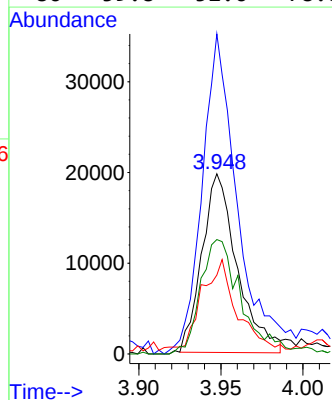
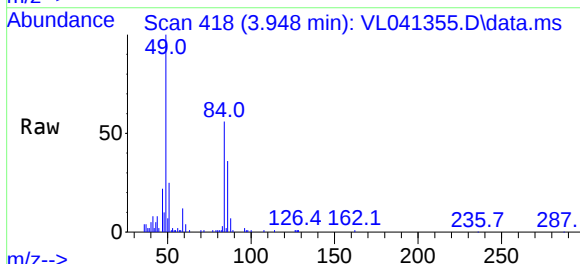
Ion Ratio Lower Upper

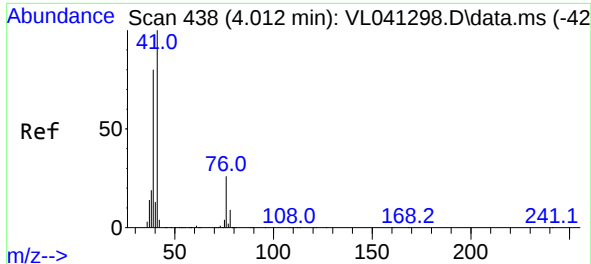
84 100

49 171.7 136.2 204.2

51 39.4 41.9 62.9#

86 59.8 52.6 78.8

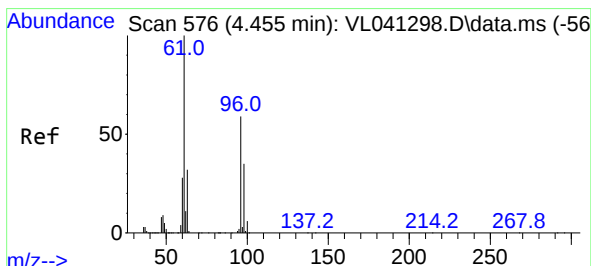
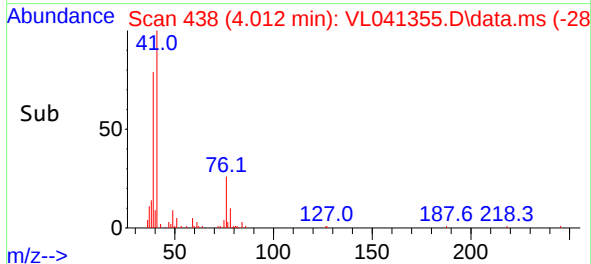
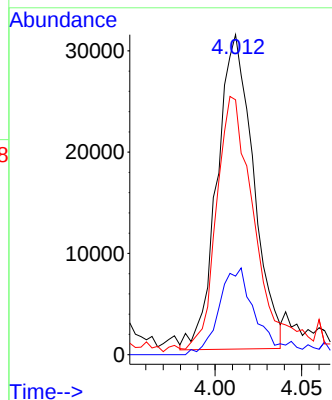
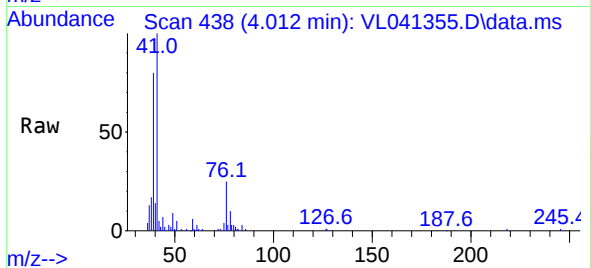




#21
Allyl Chloride
Concen: 0.578 ppbv
RT: 4.012 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

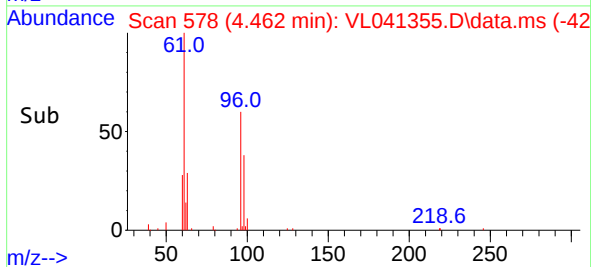
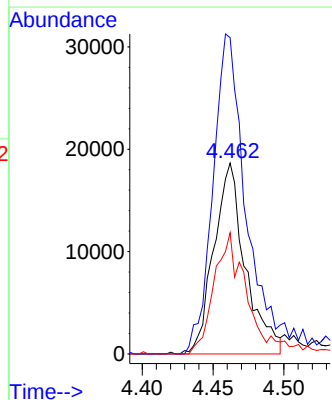
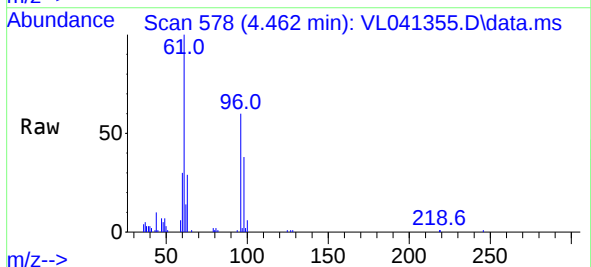
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 45374
Ion Ratio Lower Upper
41 100
76 30.1 22.3 33.5
39 89.6 66.3 99.5

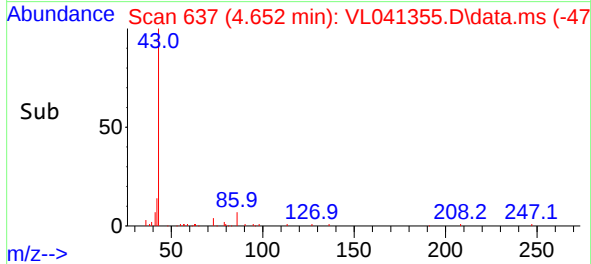
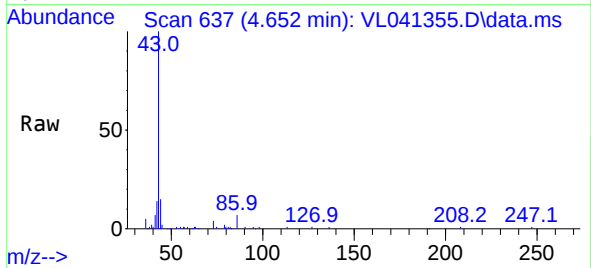
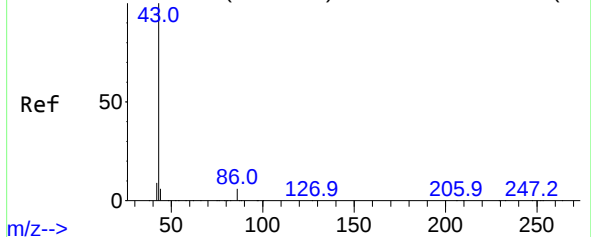


#22
trans-1,2-Dichloroethene
Concen: 0.576 ppbv
RT: 4.462 min Scan# 578
Delta R.T. 0.006 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 96 Resp: 28837
Ion Ratio Lower Upper
96 100
61 165.7 135.5 203.3
98 63.6 47.6 71.4



Abundance Scan 633 (4.639 min): VL041298.D\data.ms (-62



#23

Vinyl Acetate

Concen: 0.547 ppbv

RT: 4.652 min Scan# 61

Delta R.T. 0.013 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 69424

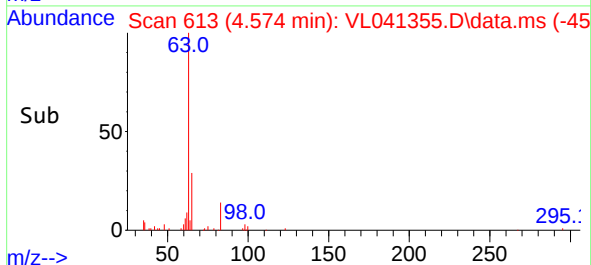
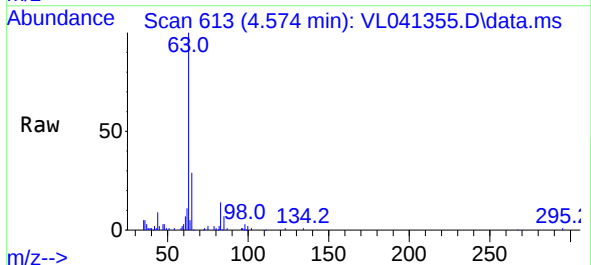
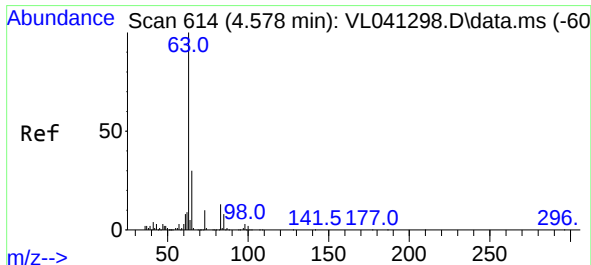
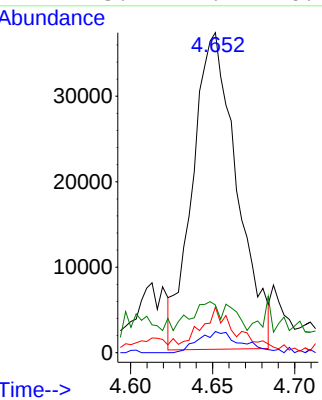
Ion Ratio Lower Upper

43 100

86 8.0 4.7 7.1#

42 14.2 8.0 12.0#

44 5.1 4.2 6.4



#24

1,1-Dichloroethane

Concen: 0.573 ppbv

RT: 4.574 min Scan# 613

Delta R.T. -0.003 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

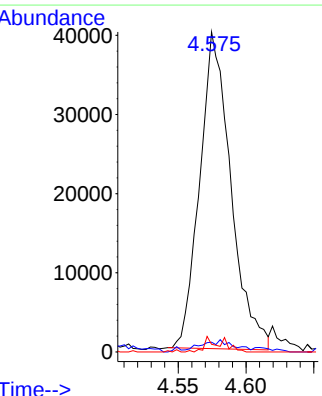
Tgt Ion: 63 Resp: 63872

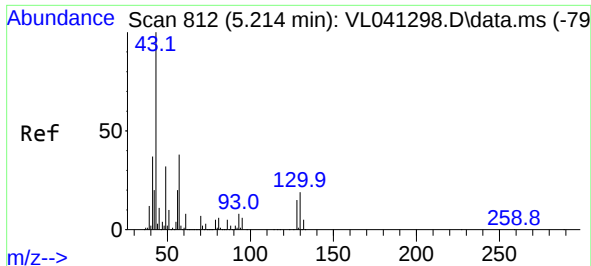
Ion Ratio Lower Upper

63 100

98 3.1 1.9 5.7

100 2.5 1.1 3.5



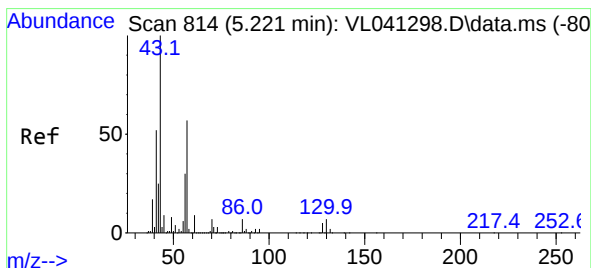
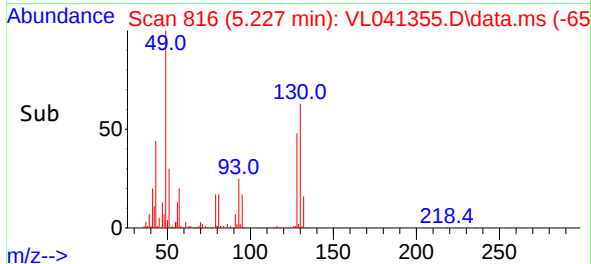
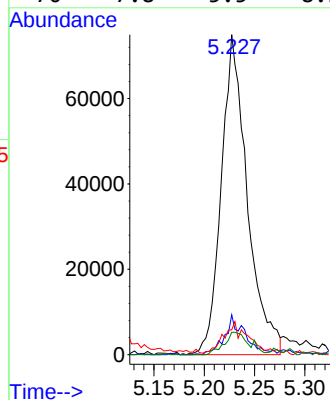
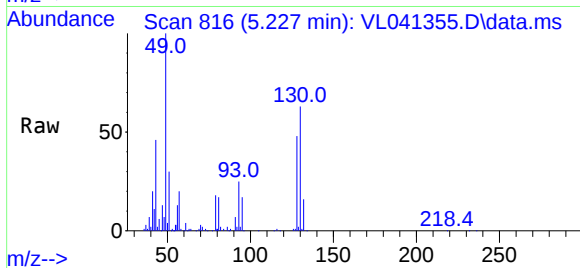


#25
Ethyl Acetate
Concen: 0.550 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.013 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 135014

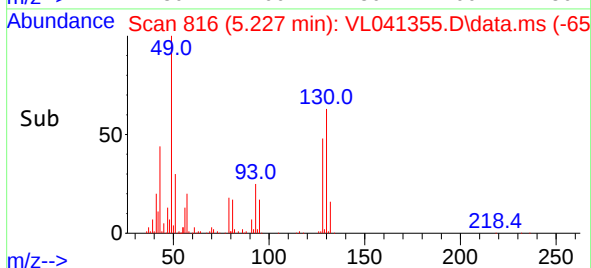
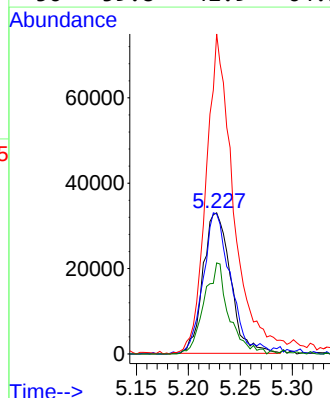
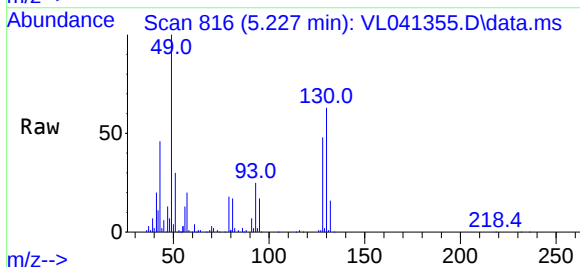
Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.1	12.1
61	11.2	7.4	11.0
70	7.8	5.5	8.3

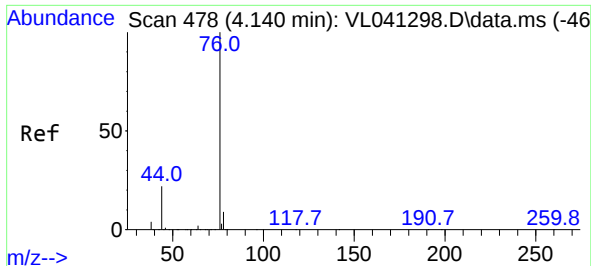


#26
Hexane
Concen: 0.550 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.006 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 57 Resp: 60677

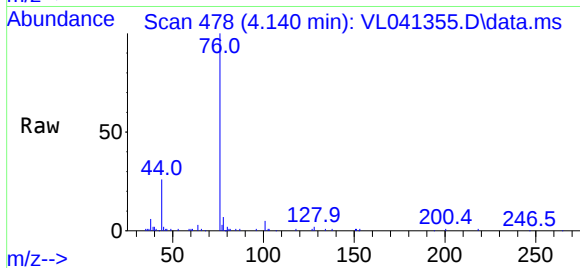
Ion	Ratio	Lower	Upper
57	100		
41	104.4	77.1	115.7
43	235.8	186.1	279.1
56	59.8	42.9	64.3



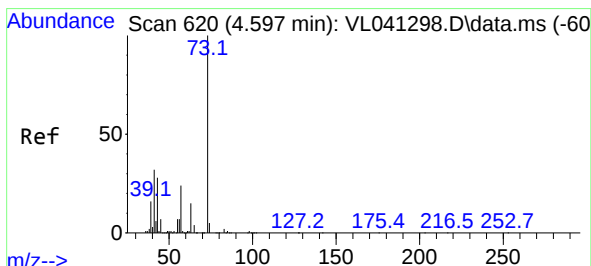
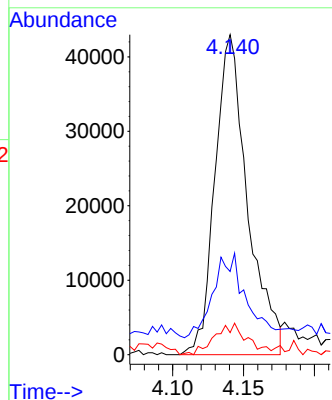
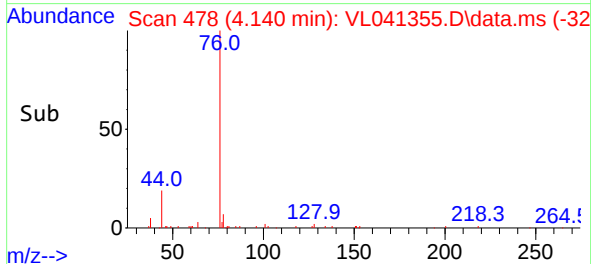


#27
Carbon Disulfide
Concen: 0.564 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :

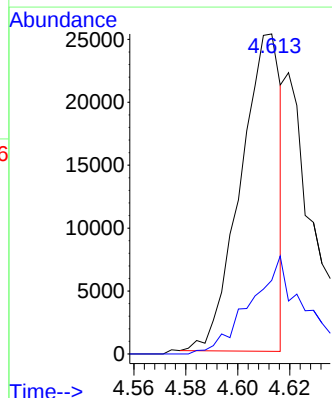
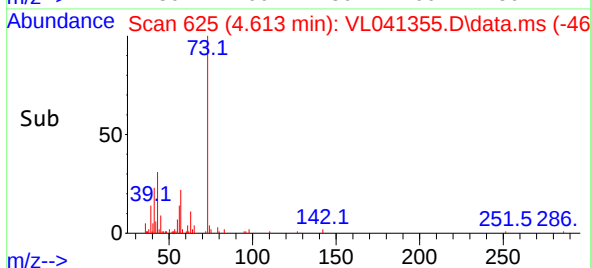
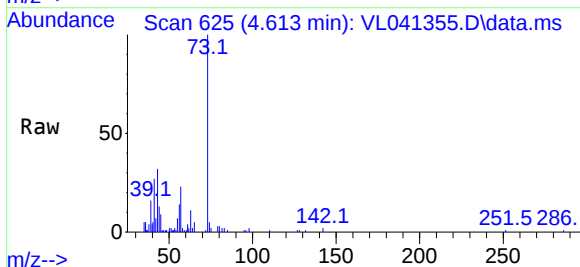


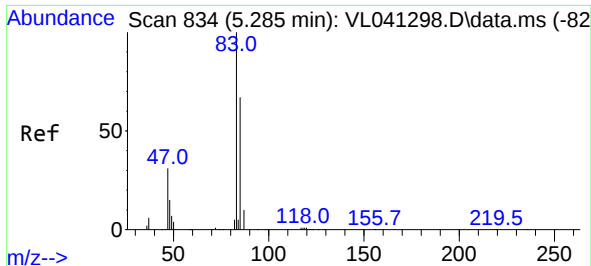
Tgt Ion: 76 Resp: 68906
Ion Ratio Lower Upper
76 100
44 24.7 17.7 26.5
78 10.4 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 0.330 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.016 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 73 Resp: 27014
Ion Ratio Lower Upper
73 100
57 0.0 19.2 28.8#





#29

Chloroform

Concen: 0.567 ppbv

RT: 5.288 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

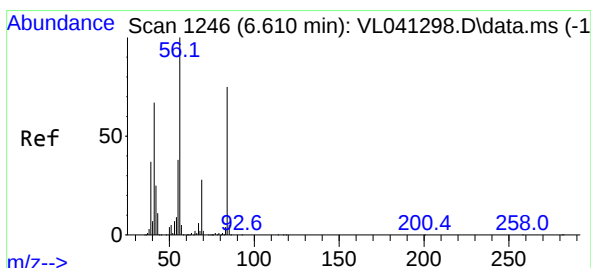
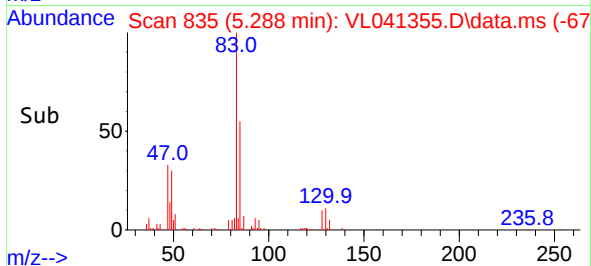
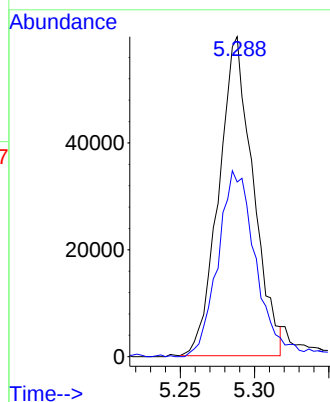
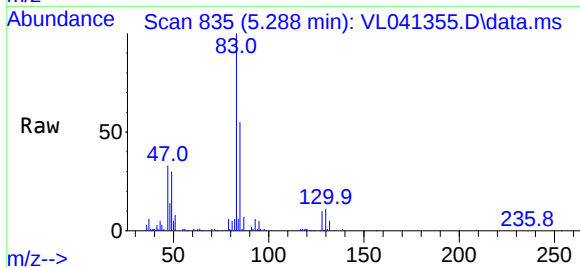
ClientSampleId :

Tgt Ion: 83 Resp: 96048

Ion Ratio Lower Upper

83 100

85 54.8 53.3 79.9



#30

Cyclohexane

Concen: 0.494 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.006 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

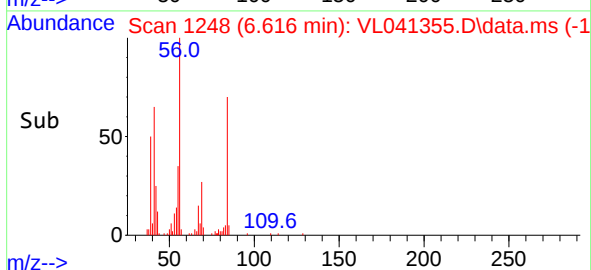
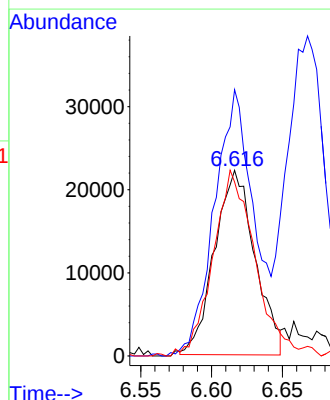
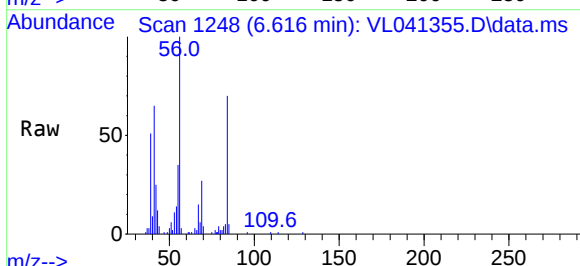
Tgt Ion: 84 Resp: 44148

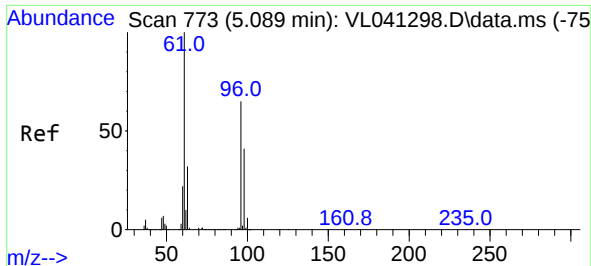
Ion Ratio Lower Upper

84 100

56 135.7 114.9 172.3

41 106.1 74.4 111.6

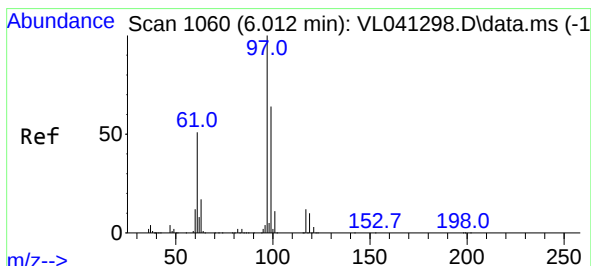
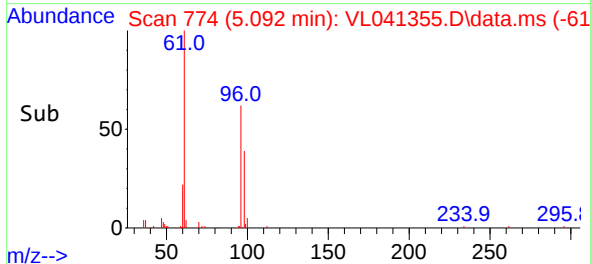
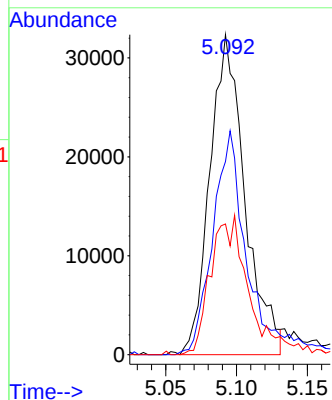
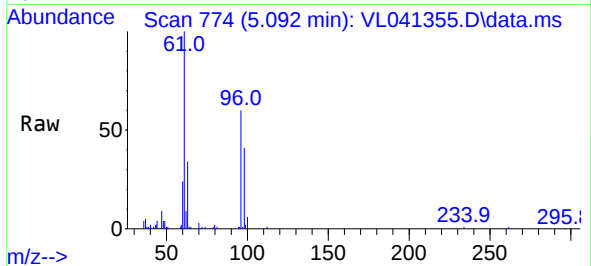




#31
cis-1,2-Dichloroethene
Concen: 0.534 ppbv
RT: 5.092 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

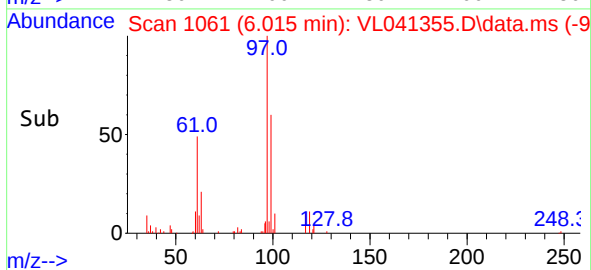
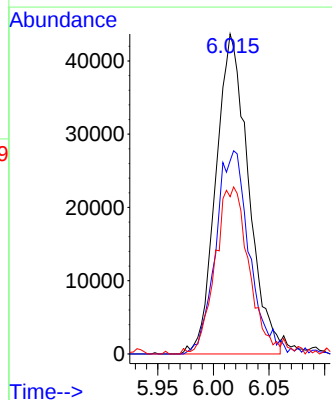
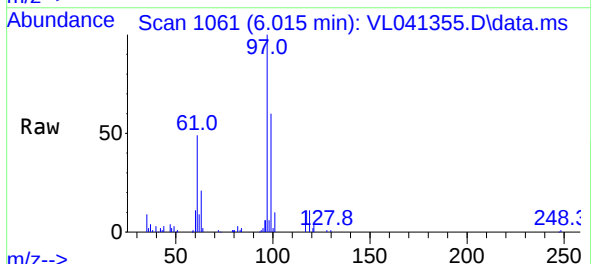
Instrument :
MSVOA_L
ClientSampleId :

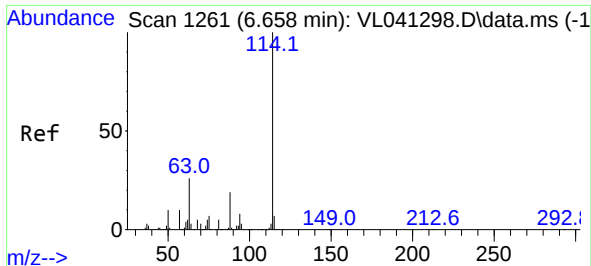
Tgt Ion: 61 Resp: 55682
Ion Ratio Lower Upper
61 100
96 59.6 52.1 78.1
98 40.9 33.1 49.7



#32
1,1,1-Trichloroethane
Concen: 0.551 ppbv
RT: 6.015 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 97 Resp: 88404
Ion Ratio Lower Upper
97 100
99 66.6 51.9 77.9
61 56.3 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

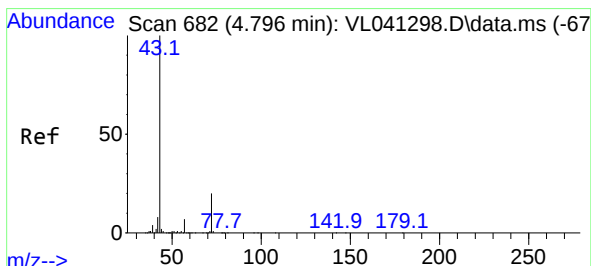
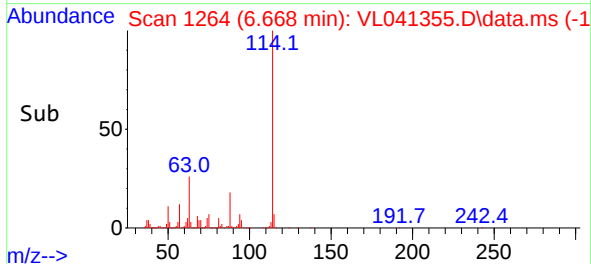
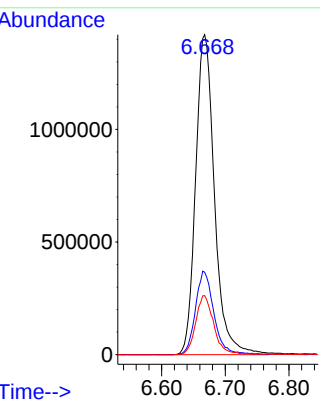
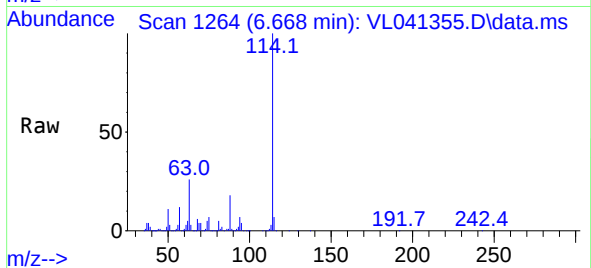
Tgt Ion:114 Resp: 2925160

Ion Ratio Lower Upper

114 100

63 25.8 20.6 30.8

88 17.9 14.5 21.7



#34

2-Butanone

Concen: 0.507 ppbv

RT: 4.819 min Scan# 689

Delta R.T. 0.023 min

Lab File: VL041355.D

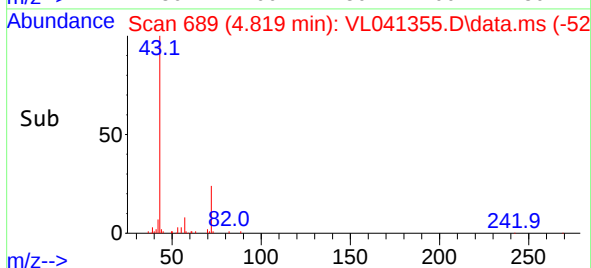
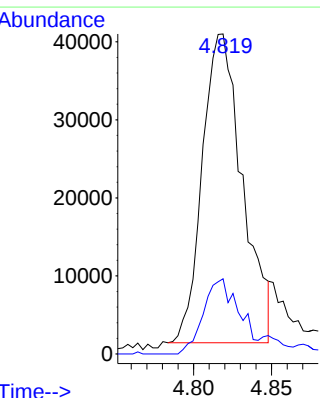
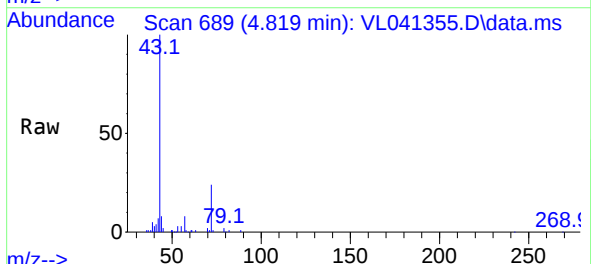
Acq: 26 Jun 2024 10:53

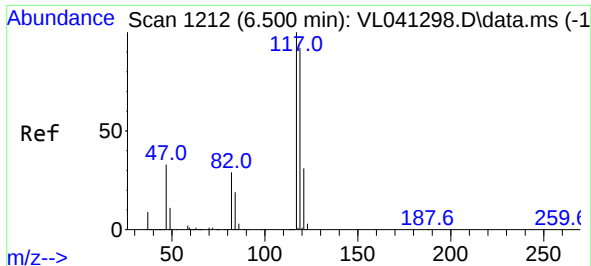
Tgt Ion: 43 Resp: 70980

Ion Ratio Lower Upper

43 100

72 26.9 17.4 26.0#

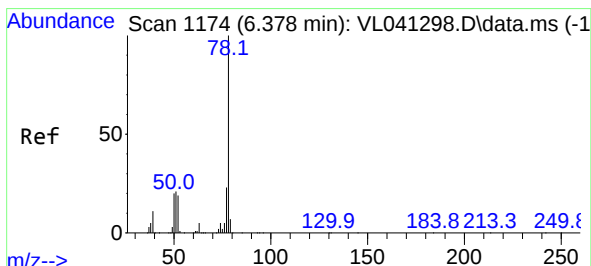
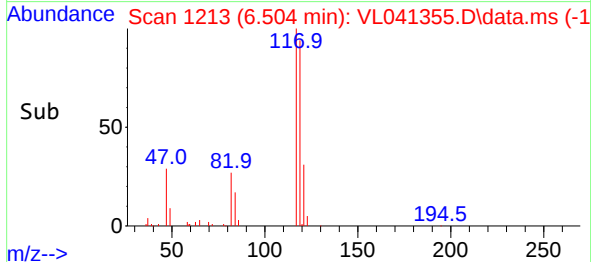
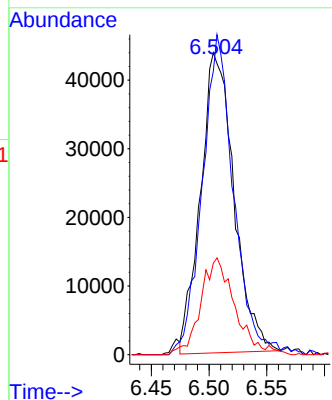
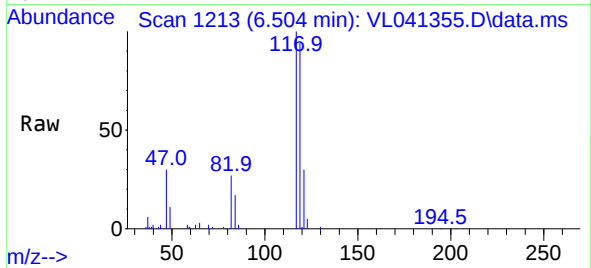




#35
Carbon Tetrachloride
Concen: 0.531 ppbv
RT: 6.504 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

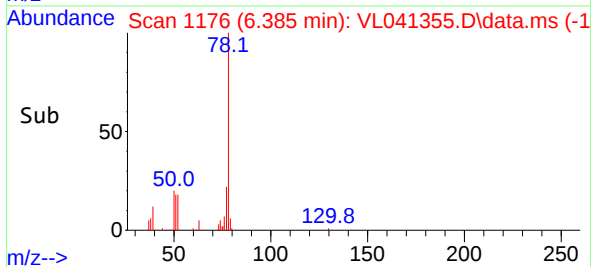
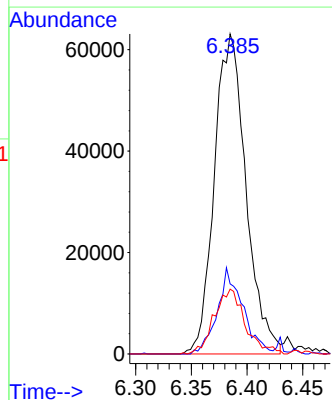
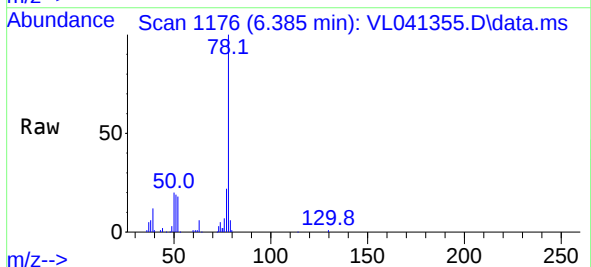
Instrument :
MSVOA_L
ClientSampleId :

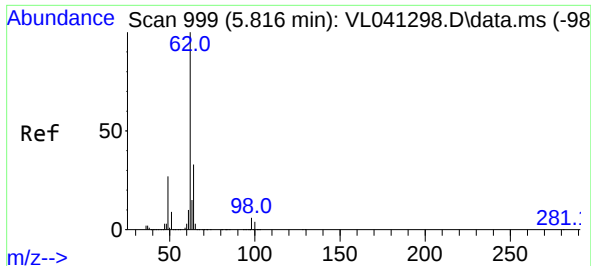
Tgt Ion:117 Resp: 88220
Ion Ratio Lower Upper
117 100
119 93.6 74.0 111.0
121 29.6 24.8 37.2



#36
Benzene
Concen: 0.549 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 78 Resp: 124529
Ion Ratio Lower Upper
78 100
77 21.9 18.6 28.0
50 20.2 16.0 24.0

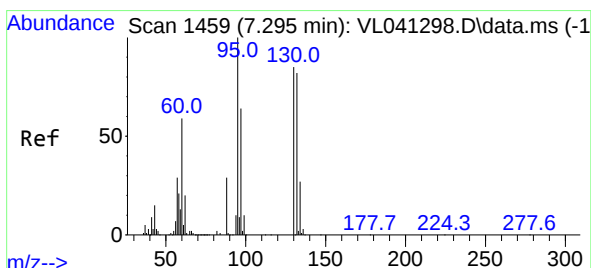
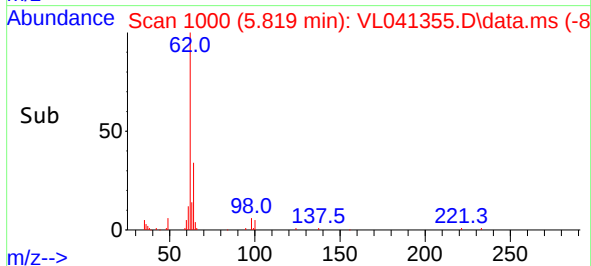
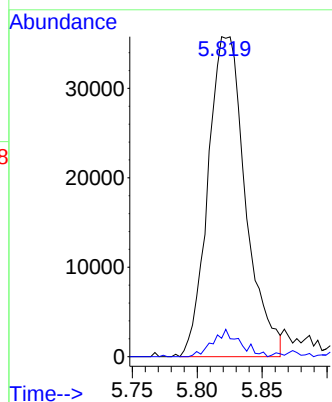
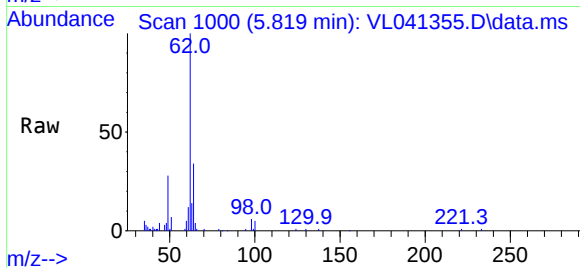




#37
1,2-Dichloroethane
Concen: 0.543 ppbv
RT: 5.819 min Scan# 10
Delta R.T. 0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

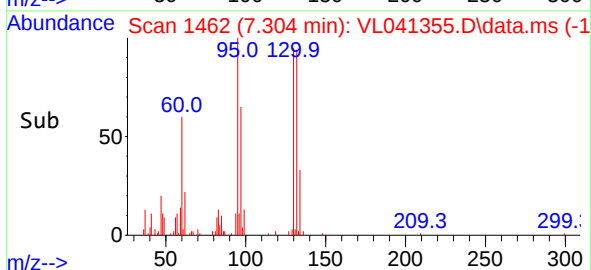
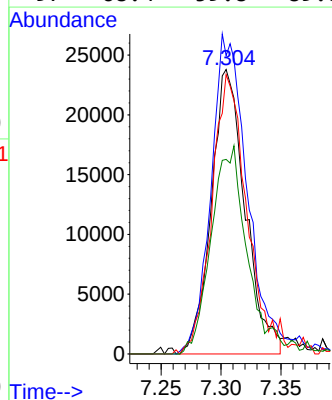
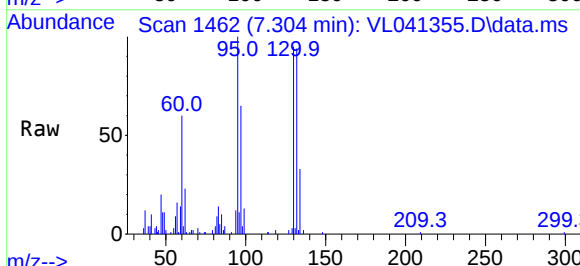
Instrument :
MSVOA_L
ClientSampleId :

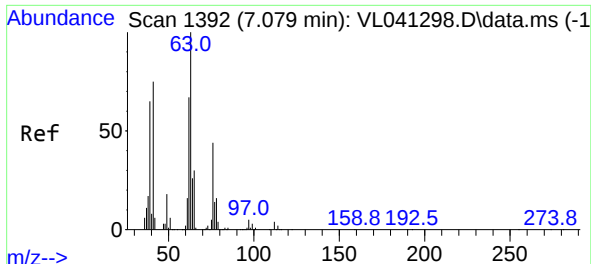
Tgt Ion: 62 Resp: 71817
Ion Ratio Lower Upper
62 100
98 6.2 4.8 7.2



#38
Trichloroethene
Concen: 0.510 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.010 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 130 Resp: 46857
Ion Ratio Lower Upper
130 100
95 103.9 94.0 141.0
132 98.2 76.7 115.1
97 68.4 59.8 89.8





#39

1,2-Dichloropropane

Concen: 0.542 ppbv

RT: 7.086 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

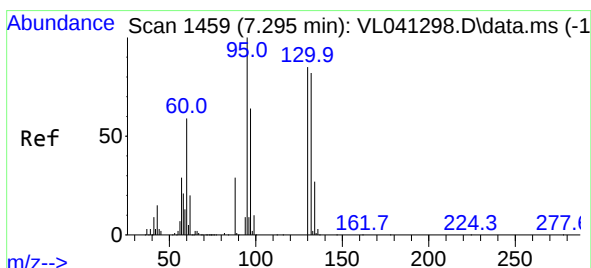
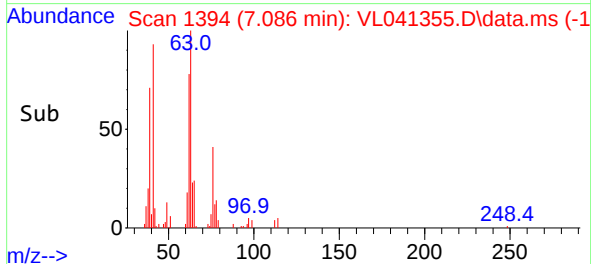
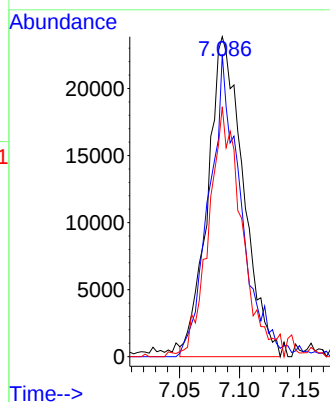
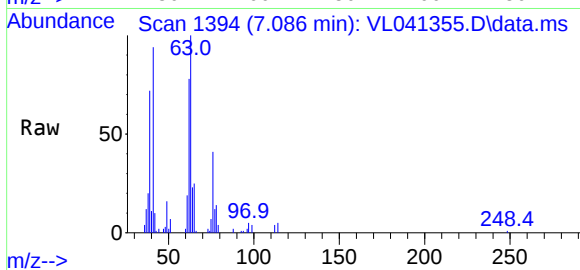
Tgt Ion: 63 Resp: 48936

Ion Ratio Lower Upper

63 100

41 93.3 59.9 89.9#

62 76.5 53.8 80.6



#40

1,4-Dioxane

Concen: 0.073 ppbv

RT: 7.324 min Scan# 1468

Delta R.T. 0.029 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Tgt Ion: 88 Resp: 2429

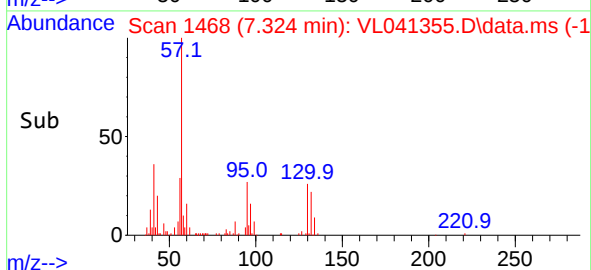
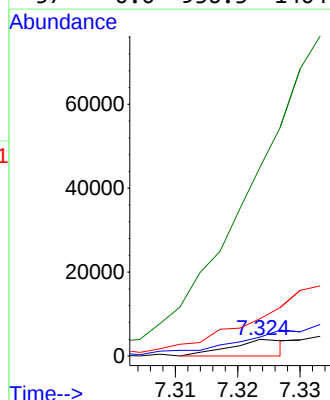
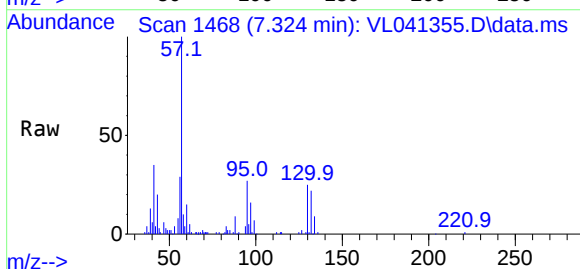
Ion Ratio Lower Upper

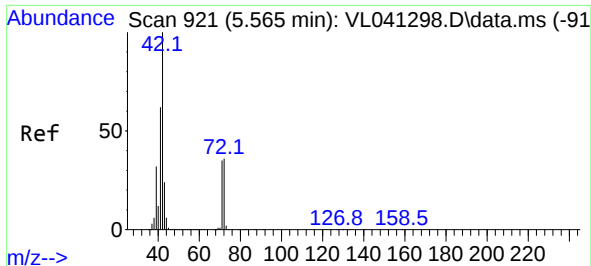
88 100

58 0.0 107.5 161.3#

43 0.0 221.8 332.6#

57 0.0 936.3 1404.5#





#41

Tetrahydrofuran

Concen: 0.534 ppbv

RT: 5.597 min Scan# 91

Delta R.T. 0.032 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

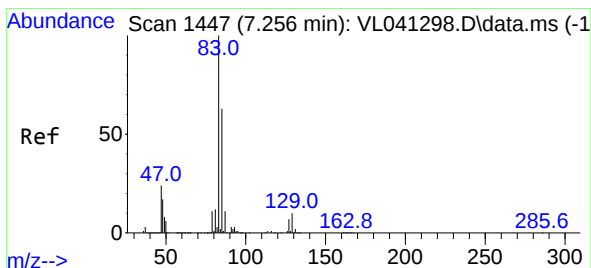
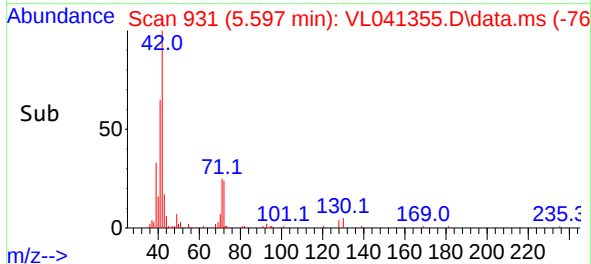
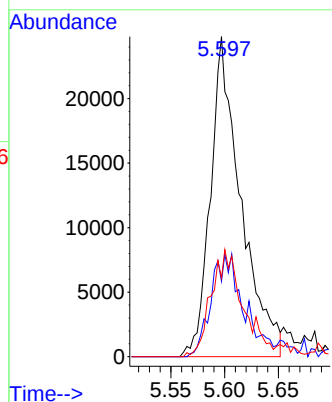
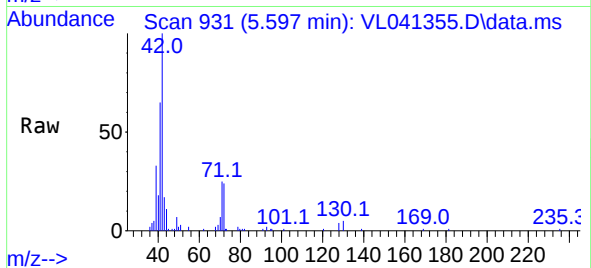
Tgt Ion: 42 Resp: 48672

Ion Ratio Lower Upper

42 100

72 38.5 30.2 45.4

71 36.9 30.3 45.5



#42

Bromodichloromethane

Concen: 0.513 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. 0.003 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

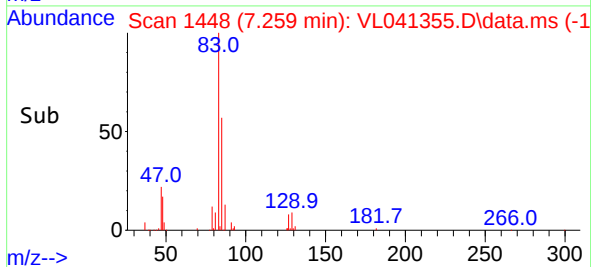
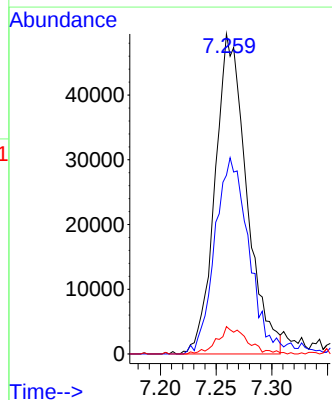
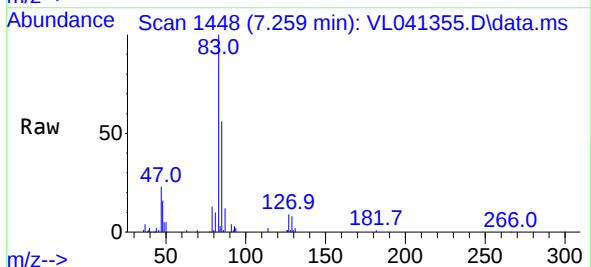
Tgt Ion: 83 Resp: 97342

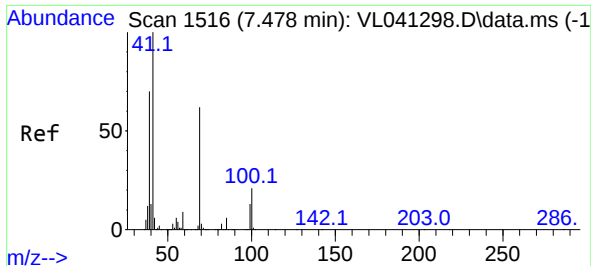
Ion Ratio Lower Upper

83 100

85 55.9 50.6 75.8

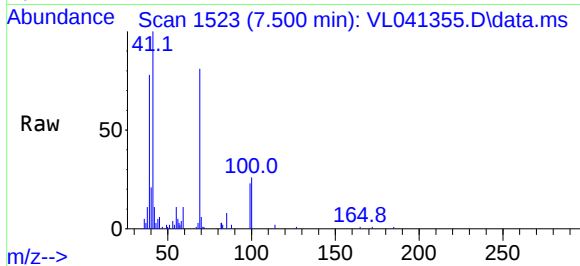
127 8.6 5.6 8.4#



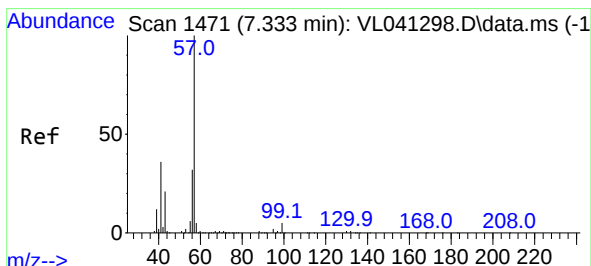
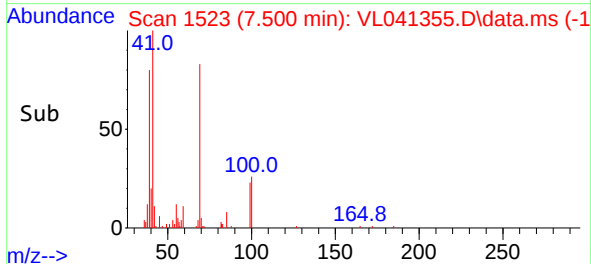
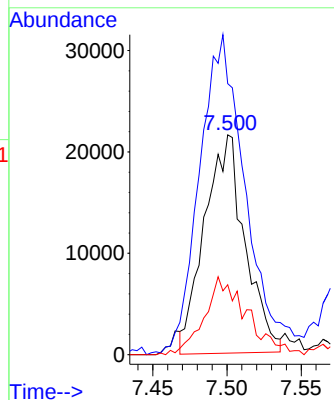


#43
Methyl Methacrylate
Concen: 0.473 ppbv
RT: 7.500 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :

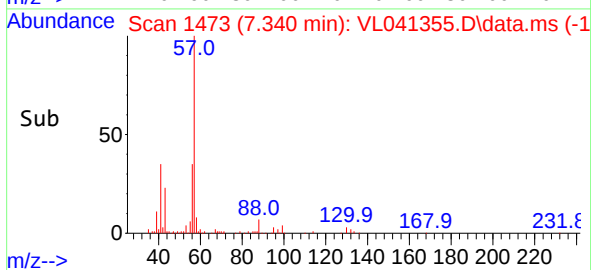
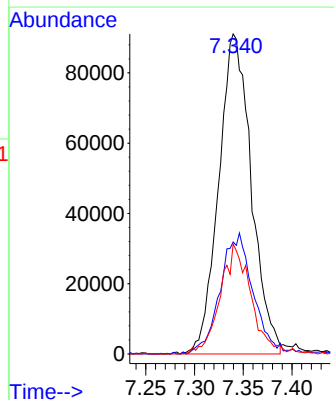
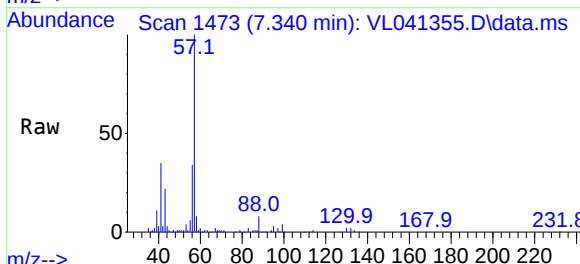


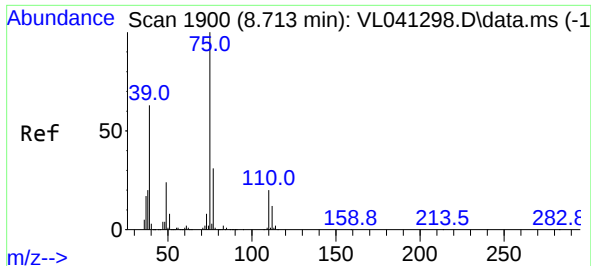
Tgt Ion: 69 Resp: 40850
Ion Ratio Lower Upper
69 100
41 167.8 125.8 188.6
100 37.2 27.0 40.6



#44
2,2,4-Trimethylpentane
Concen: 0.543 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 57 Resp: 211857
Ion Ratio Lower Upper
57 100
41 38.7 29.4 44.2
56 32.9 25.0 37.4

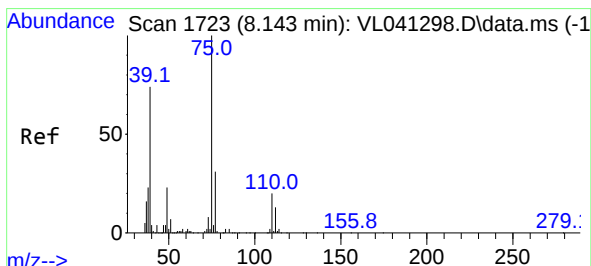
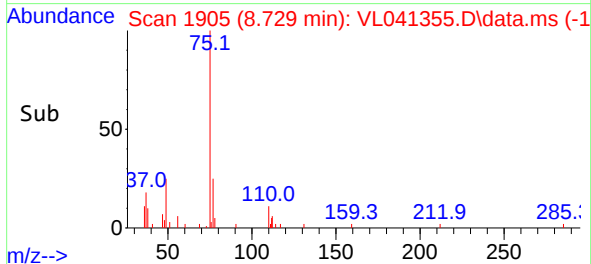
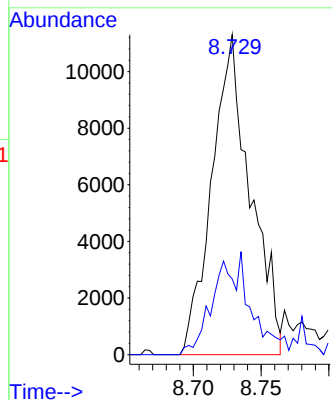
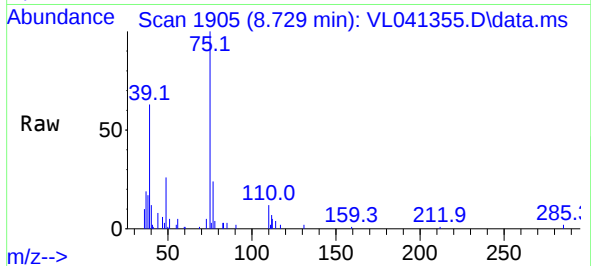




#45
t-1,3-Dichloropropene
Concen: 0.385 ppbv
RT: 8.729 min Scan# 1900
Delta R.T. 0.016 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

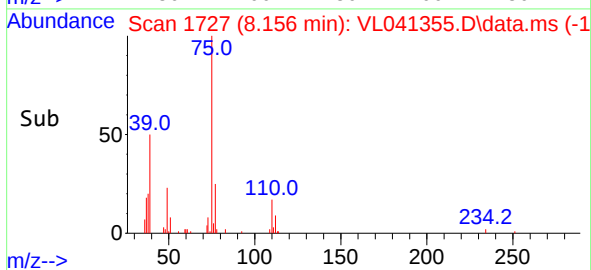
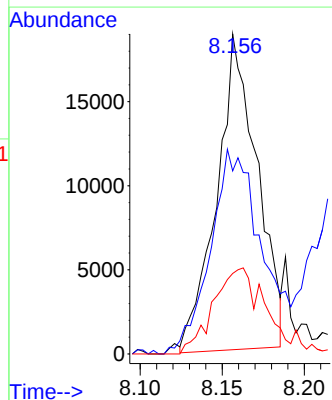
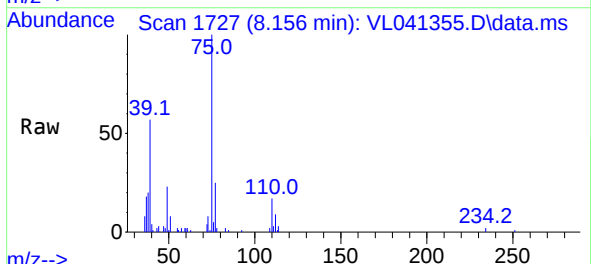
Instrument :
MSVOA_L
ClientSampleId :

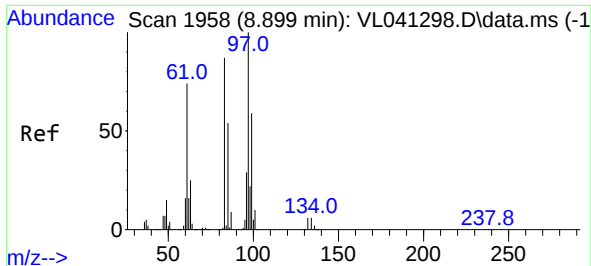
Tgt Ion: 75 Resp: 22468
Ion Ratio Lower Upper
75 100
77 23.0 24.7 37.1#



#46
cis-1,3-Dichloropropene
Concen: 0.429 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. 0.013 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 75 Resp: 32187
Ion Ratio Lower Upper
75 100
39 54.3 59.2 88.8#
77 25.7 25.0 37.6





#47

1,1,2-Trichloroethane

Concen: 0.367 ppbv

RT: 8.915 min Scan# 1958

Delta R.T. 0.016 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 34666

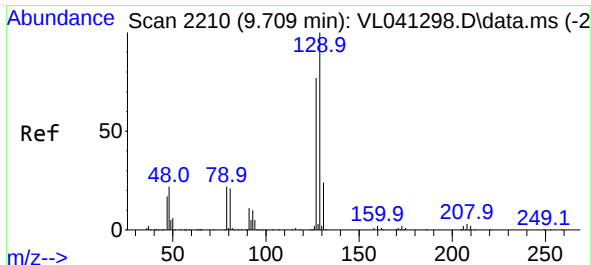
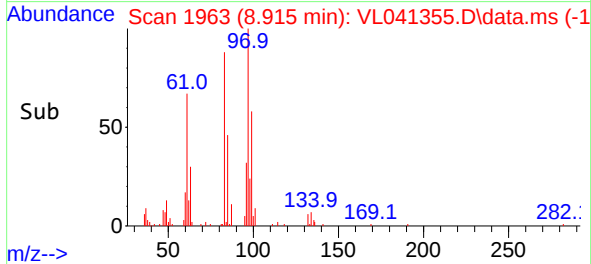
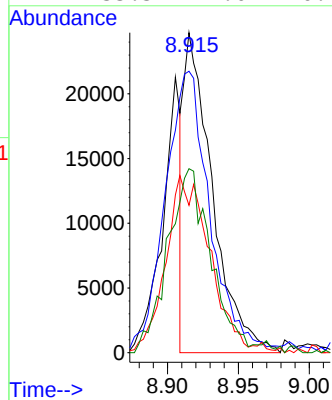
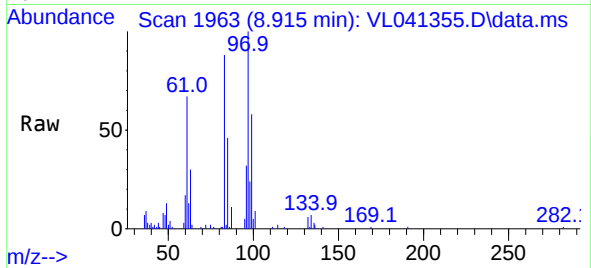
Ion Ratio Lower Upper

97 100

83 86.0 69.7 104.5

85 44.5 43.1 64.7

99 55.5 47.0 70.6



#48

Dibromochloromethane

Concen: 0.461 ppbv

RT: 9.729 min Scan# 2216

Delta R.T. 0.019 min

Lab File: VL041355.D

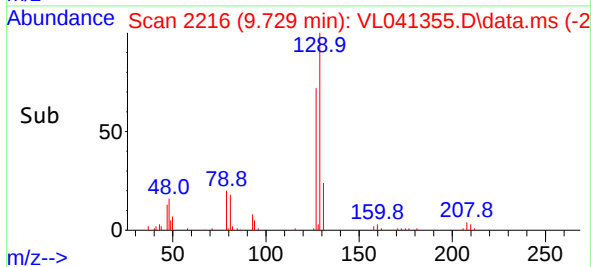
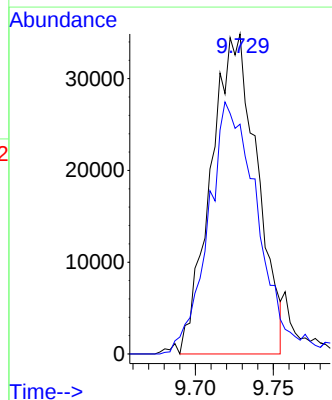
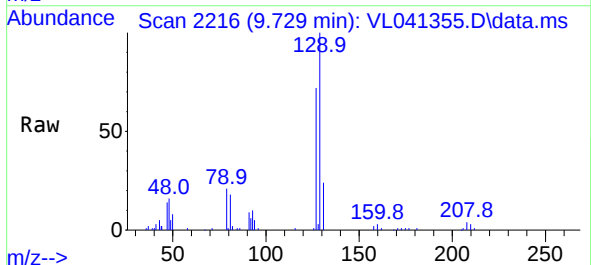
Acq: 26 Jun 2024 10:53

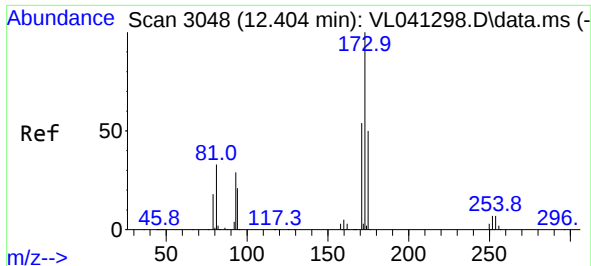
Tgt Ion: 129 Resp: 71734

Ion Ratio Lower Upper

129 100

127 86.8 39.1 117.5

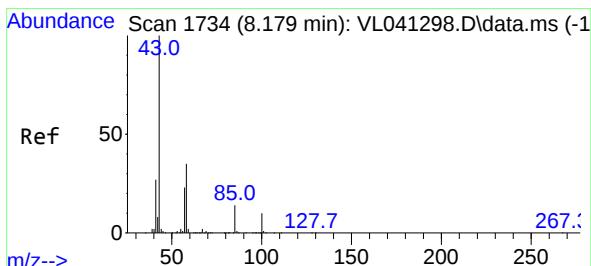
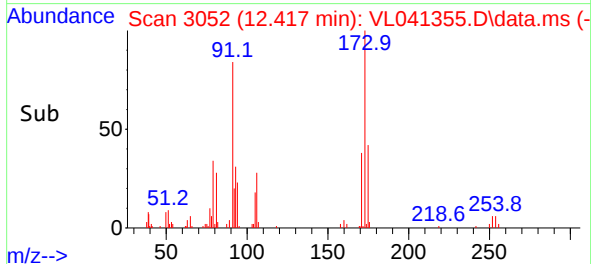
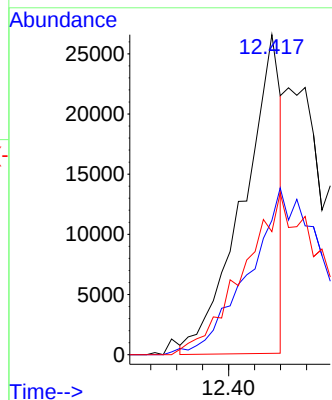
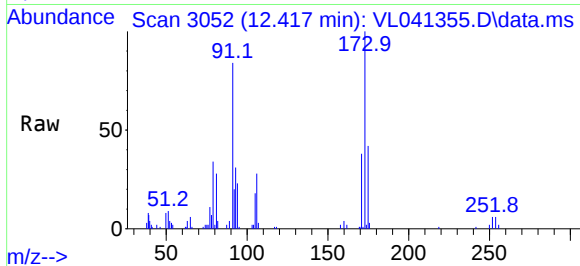




#49
Bromoform
Concen: 0.212 ppbv
RT: 12.417 min Scan# 3048
Delta R.T. 0.013 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

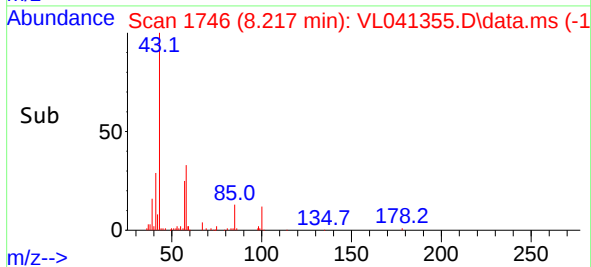
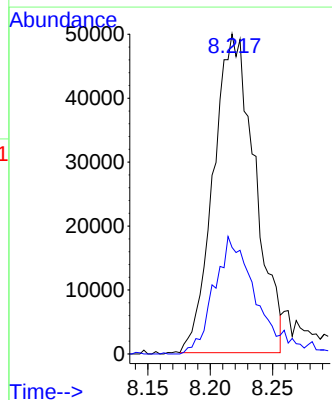
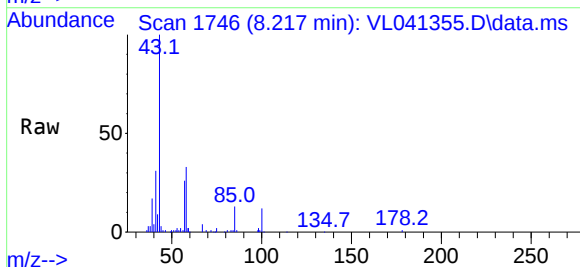
Instrument :
MSVOA_L
ClientSampleId :

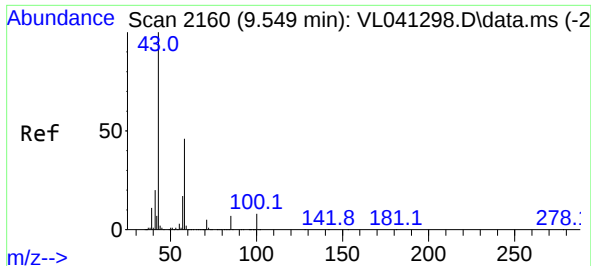
Tgt Ion:173 Resp: 26620
Ion Ratio Lower Upper
173 100
175 110.3 39.9 59.9#
171 118.9 42.6 63.8#



#50
4-Methyl-2-Pentanone
Concen: 0.497 ppbv
RT: 8.217 min Scan# 1746
Delta R.T. 0.039 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 43 Resp: 115241
Ion Ratio Lower Upper
43 100
58 39.2 27.7 41.5

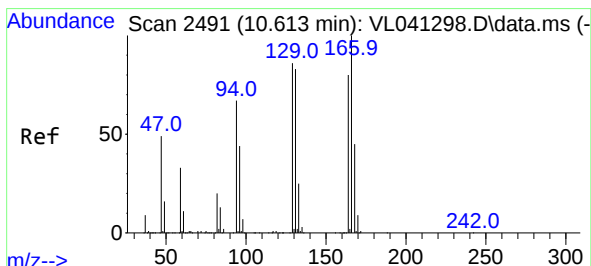
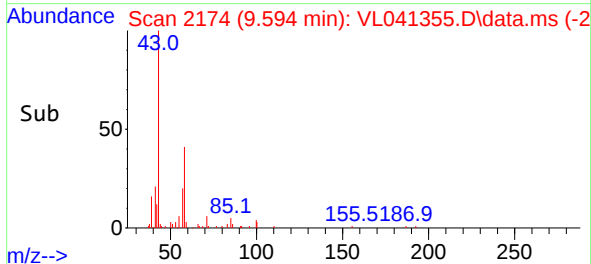
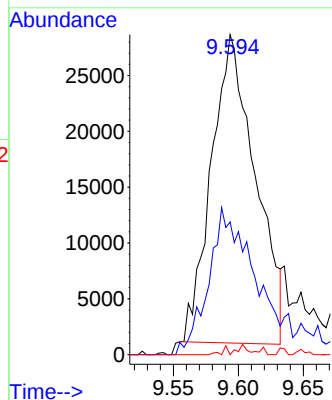
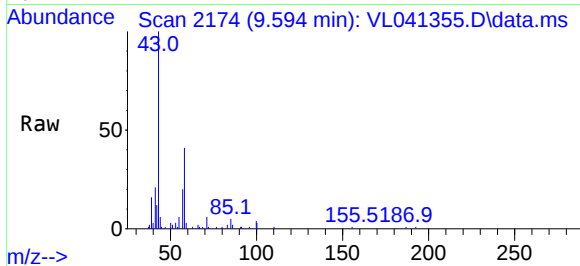




#51
2-Hexanone
Concen: 0.394 ppbv
RT: 9.594 min Scan# 2160
Delta R.T. 0.045 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

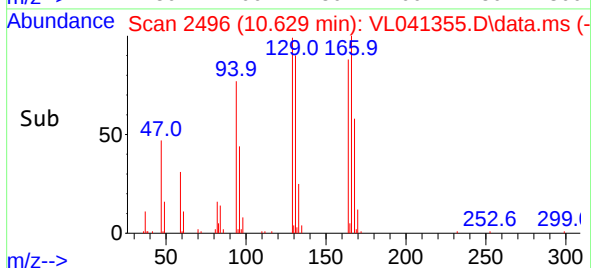
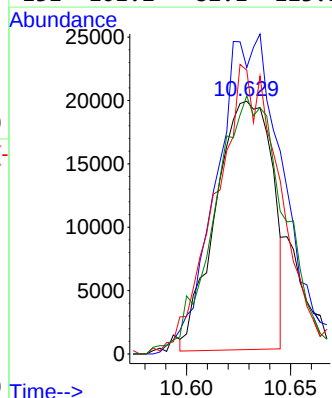
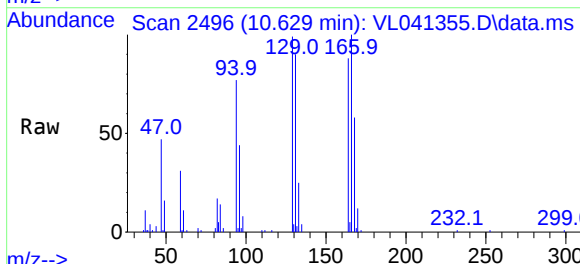
Instrument :
MSVOA_L
ClientSampleId :

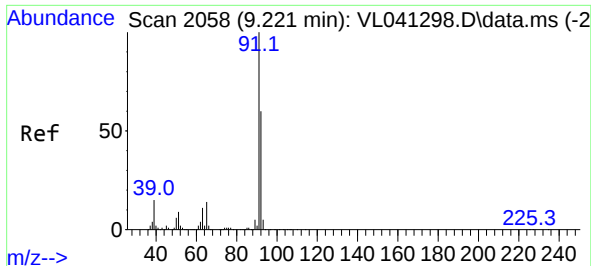
Tgt Ion: 43 Resp: 65017
Ion Ratio Lower Upper
43 100
58 50.8 37.4 56.0
98 1.4 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.449 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.016 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 164 Resp: 37149
Ion Ratio Lower Upper
164 100
166 110.4 99.4 149.0
129 103.5 85.4 128.2
131 101.2 82.1 123.1

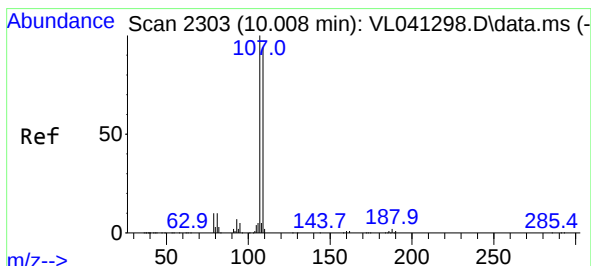
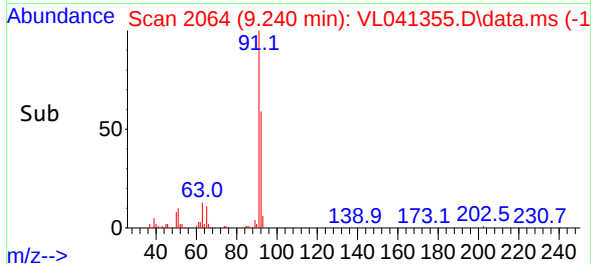
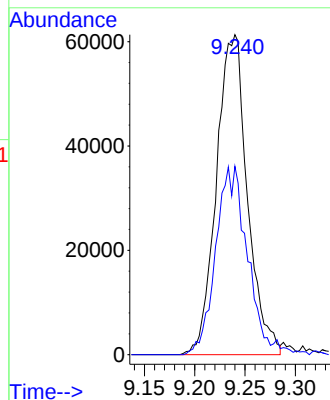
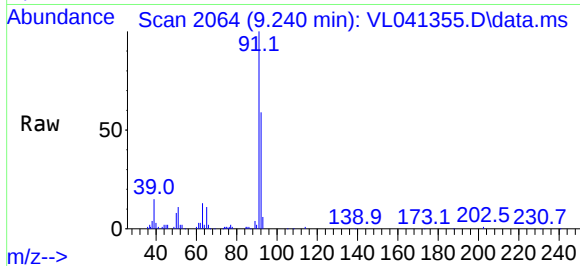




#53
Toluene
Concen: 0.505 ppbv
RT: 9.240 min Scan# 2058
Delta R.T. 0.019 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

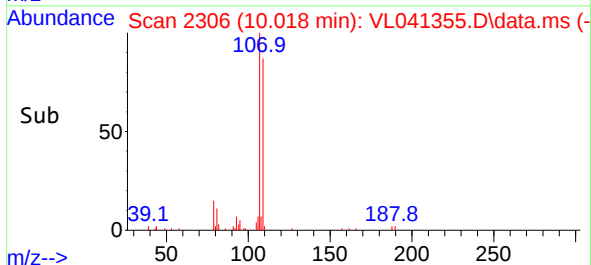
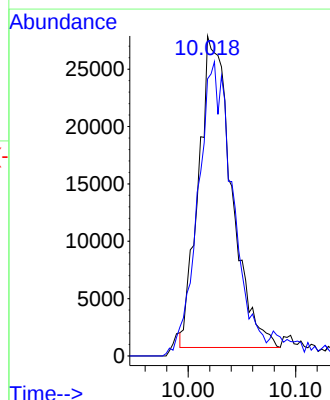
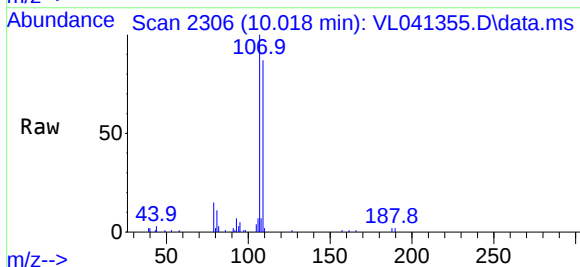
Instrument :
MSVOA_L
ClientSampleId :

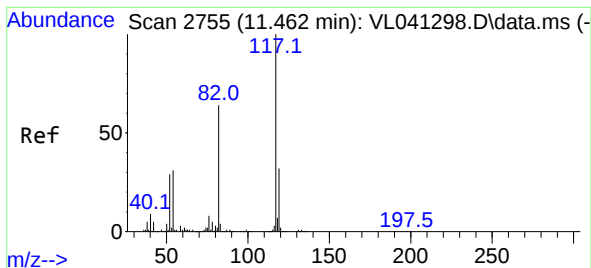
Tgt Ion: 91 Resp: 131630
Ion Ratio Lower Upper
91 100
92 61.2 49.2 73.8



#54
1,2-Dibromoethane
Concen: 0.470 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.010 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 107 Resp: 57822
Ion Ratio Lower Upper
107 100
109 82.9 75.0 112.6

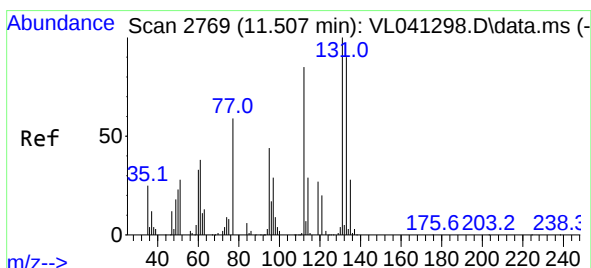
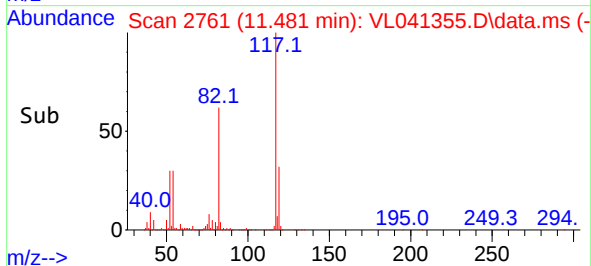
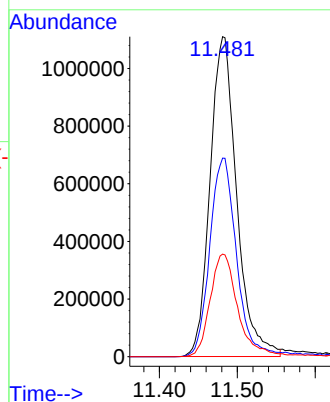
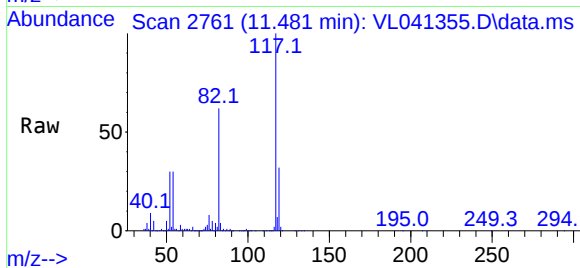




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

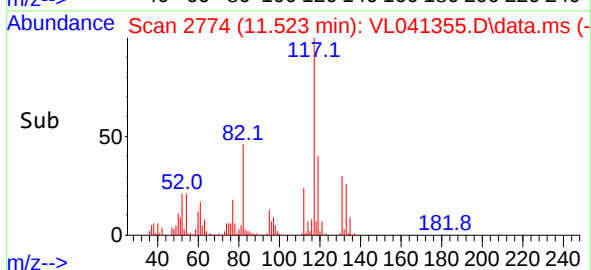
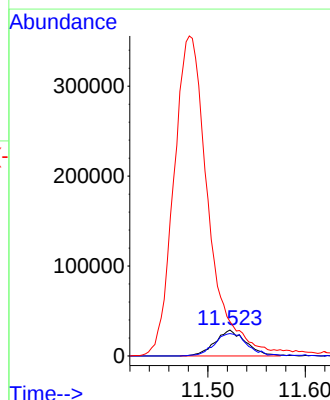
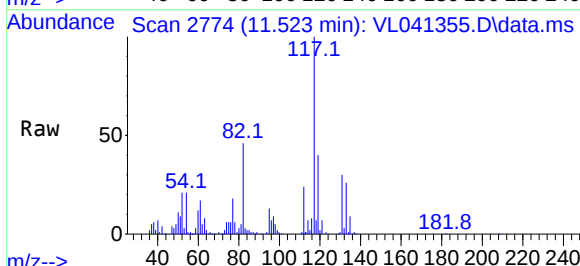
Instrument :
MSVOA_L
ClientSampleId :

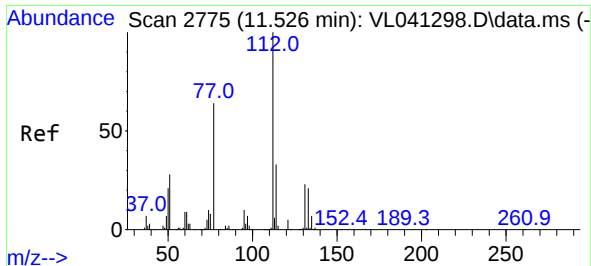
Tgt Ion:117 Resp: 2627999
Ion Ratio Lower Upper
117 100
82 64.4 52.3 78.5
119 33.9 26.2 39.2



#56
1,1,1,2-Tetrachloroethane
Concen: 0.572 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.016 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

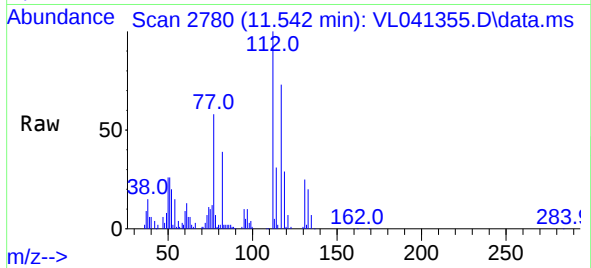
Tgt Ion:131 Resp: 63590
Ion Ratio Lower Upper
131 100
133 94.1 75.8 113.6
119 1399.1 48.3 72.5#



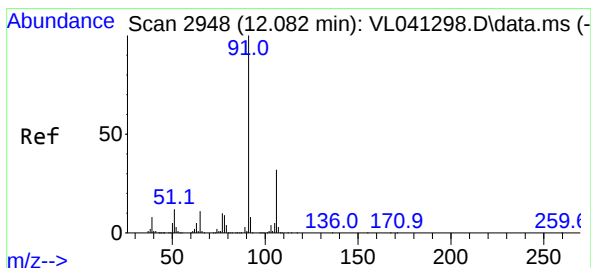
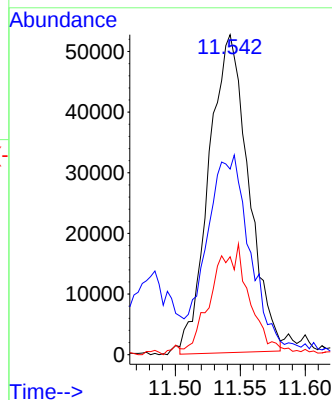
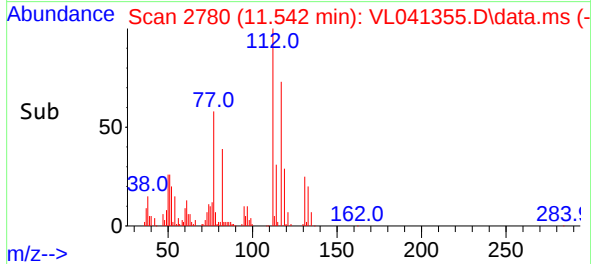


#57
Chlorobenzene
Concen: 0.568 ppbv
RT: 11.542 min Scan# 211
Delta R.T. 0.016 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :

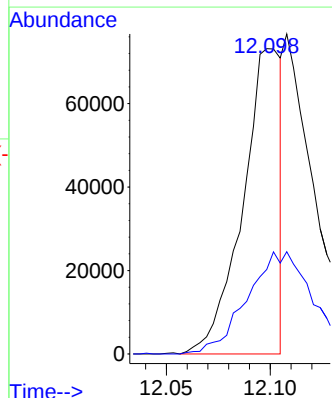
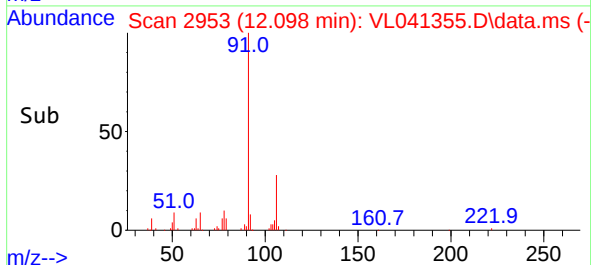
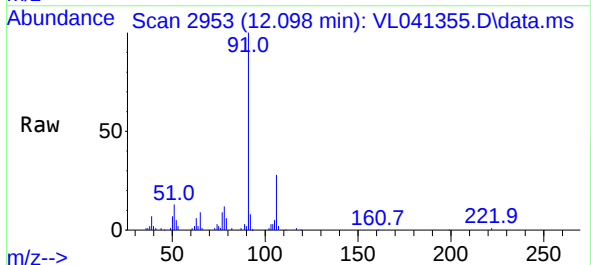


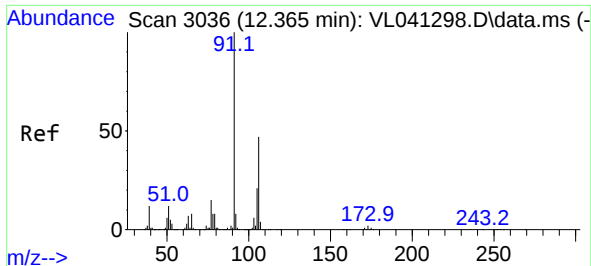
Tgt Ion:112 Resp: 110939
Ion Ratio Lower Upper
112 100
77 55.1 52.0 78.0
114 29.0 29.8 36.4#



#58
Ethyl Benzene
Concen: 0.279 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.016 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 91 Resp: 93902
Ion Ratio Lower Upper
91 100
106 27.7 25.5 38.3





#59

m/p-Xylene

Concen: 0.520 ppbv

RT: 12.384 min Scan# 3036

Delta R.T. 0.019 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

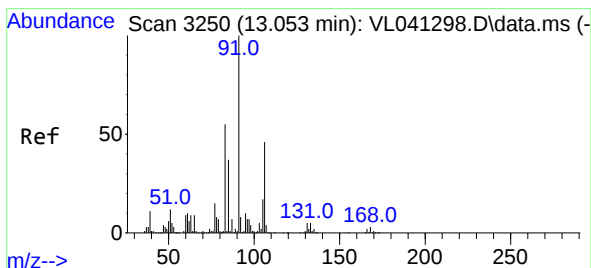
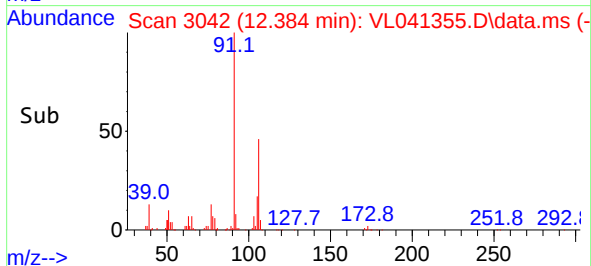
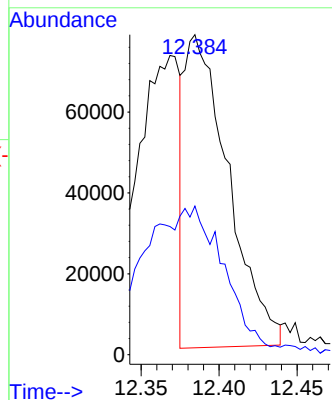
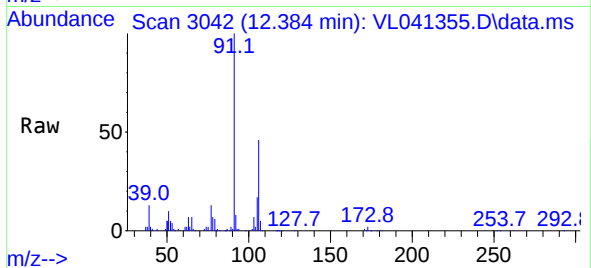
ClientSampleId :

Tgt Ion: 91 Resp: 150121

Ion Ratio Lower Upper

91 100

106 91.4 35.7 53.5#



#60

o-Xylene

Concen: 0.538 ppbv

RT: 13.073 min Scan# 3256

Delta R.T. 0.019 min

Lab File: VL041355.D

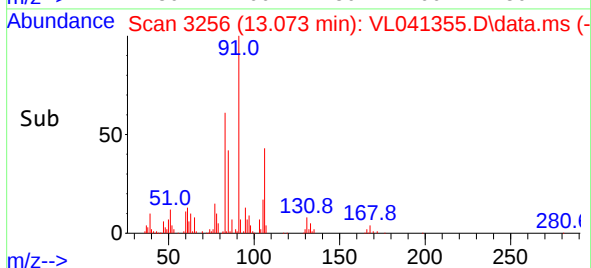
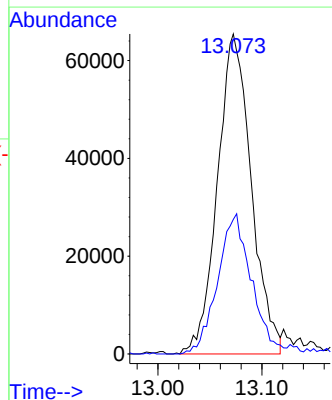
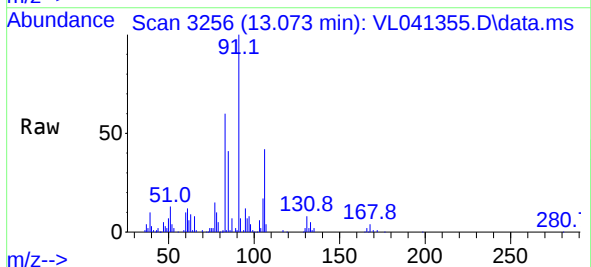
Acq: 26 Jun 2024 10:53

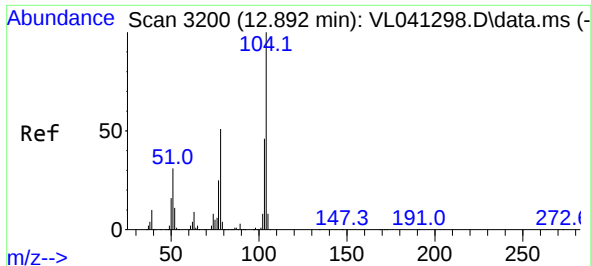
Tgt Ion: 91 Resp: 147983

Ion Ratio Lower Upper

91 100

106 44.9 22.8 68.4

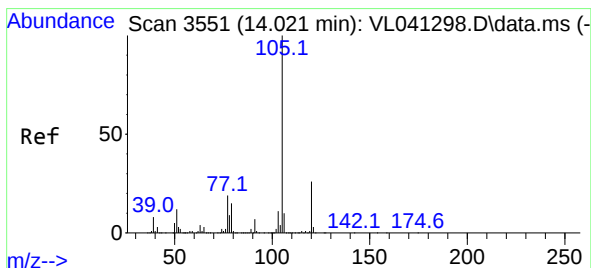
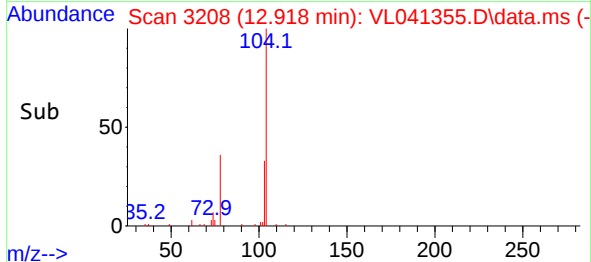
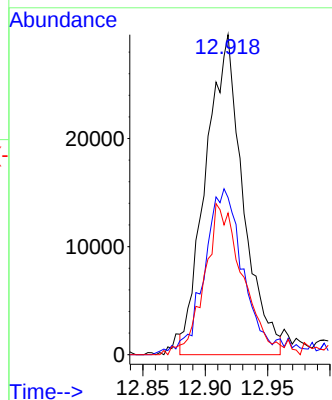
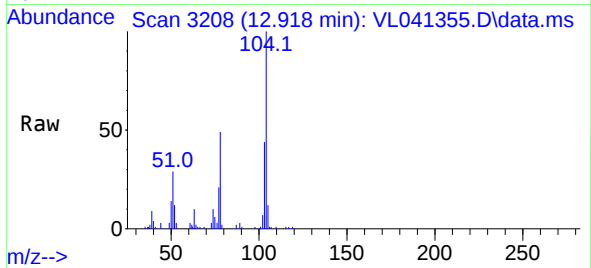




#61
Styrene
Concen: 0.458 ppbv
RT: 12.918 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

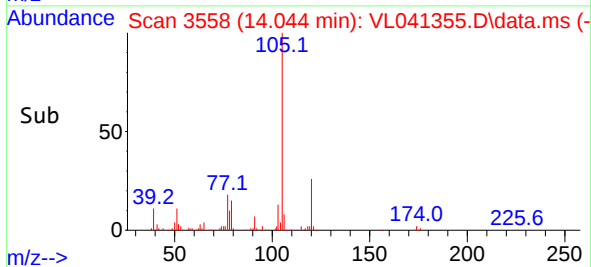
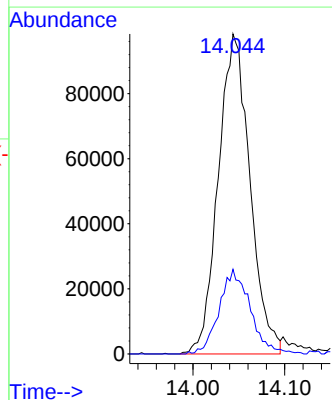
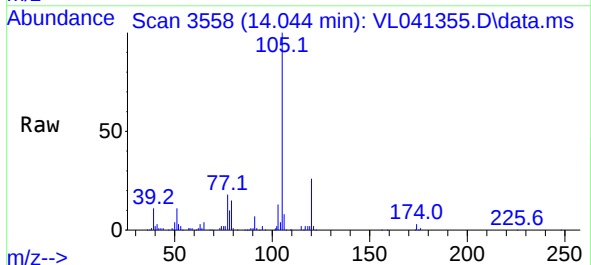
Instrument :
MSVOA_L
ClientSampleId :

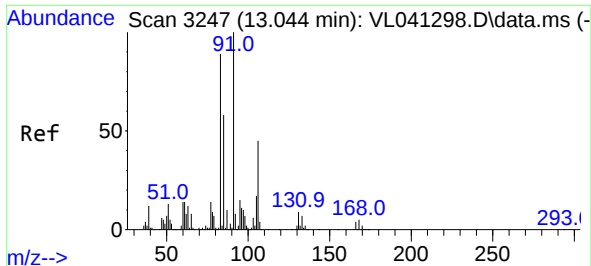
Tgt Ion:104 Resp: 61732
Ion Ratio Lower Upper
104 100
78 57.2 42.2 63.4
103 48.8 37.9 56.9



#62
Isopropylbenzene
Concen: 0.567 ppbv
RT: 14.044 min Scan# 3558
Delta R.T. 0.023 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion:105 Resp: 235837
Ion Ratio Lower Upper
105 100
120 25.9 20.4 30.6





#63

1,1,2,2-Tetrachloroethane

Concen: 0.549 ppbv

RT: 13.069 min Scan# 31

Delta R.T. 0.026 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

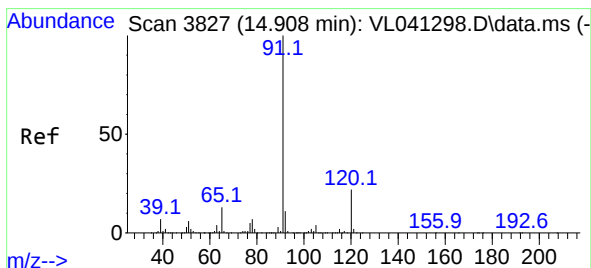
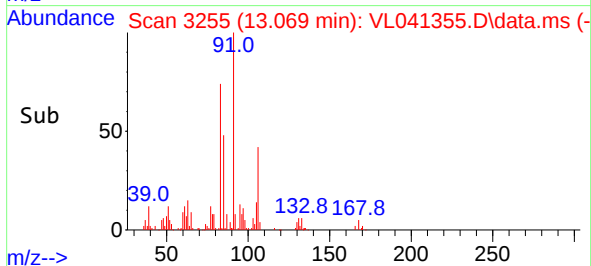
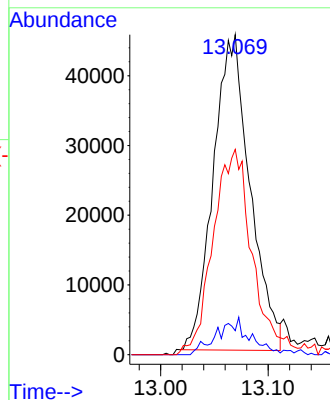
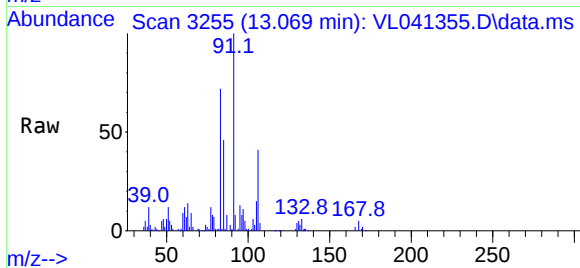
Tgt Ion: 83 Resp: 107483

Ion Ratio Lower Upper

83 100

131 10.9 4.7 14.1

85 72.2 32.6 97.7



#64

n-propylbenzene

Concen: 0.314 ppbv

RT: 14.934 min Scan# 3835

Delta R.T. 0.026 min

Lab File: VL041355.D

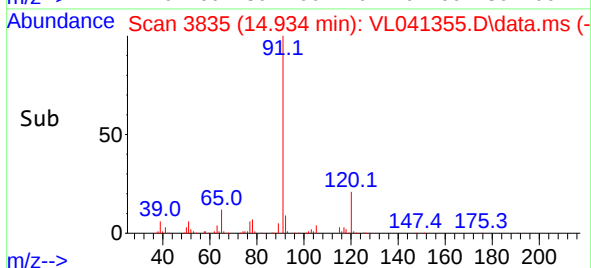
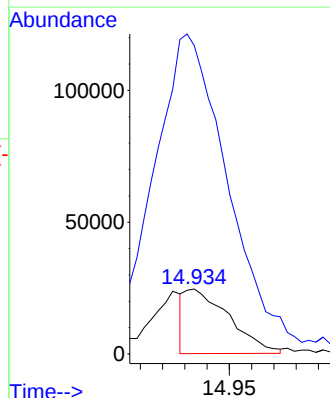
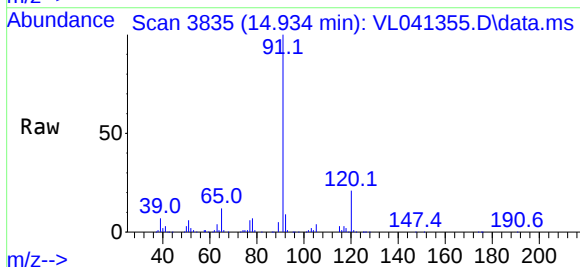
Acq: 26 Jun 2024 10:53

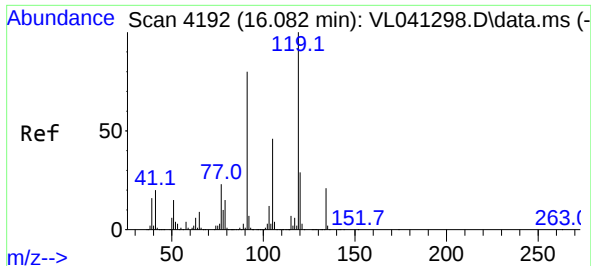
Tgt Ion: 120 Resp: 33712

Ion Ratio Lower Upper

120 100

91 889.2 374.2 561.2#

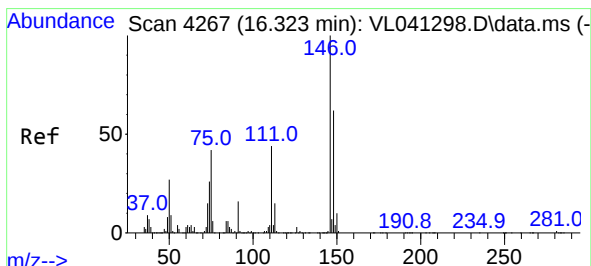
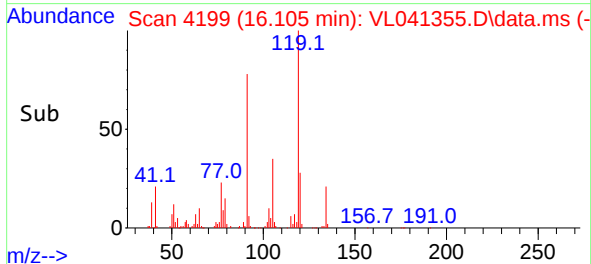
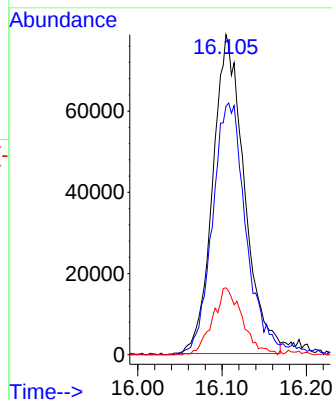
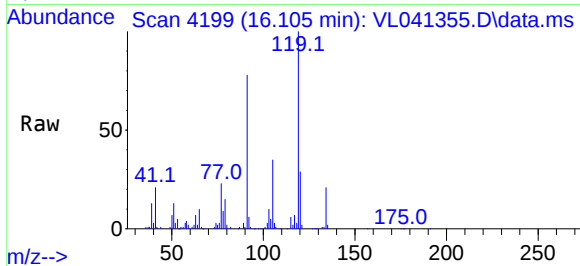




#65
tert-Butylbenzene
Concen: 0.552 ppbv
RT: 16.105 min Scan# 4192
Delta R.T. 0.023 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

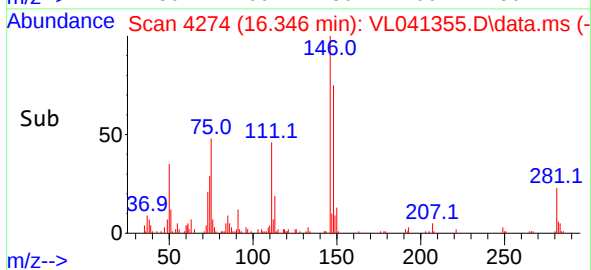
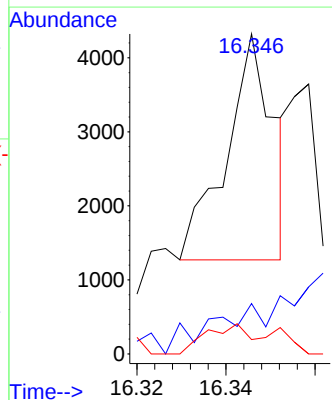
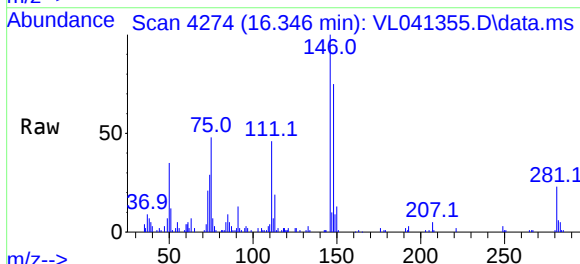
Instrument :
MSVOA_L
ClientSampleId :

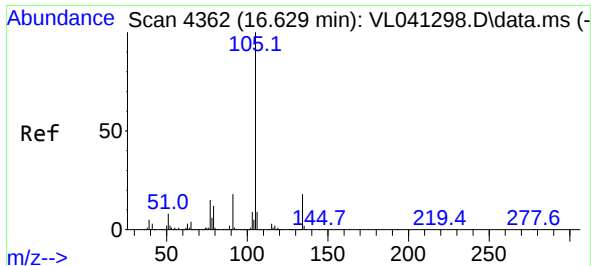
Tgt Ion:119 Resp: 204186
Ion Ratio Lower Upper
119 100
91 86.0 66.5 99.7
134 20.4 15.7 23.5



#66
Benzyl Chloride
Concen: 0.092 ppbv
RT: 16.346 min Scan# 4274
Delta R.T. 0.023 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 91 Resp: 2243
Ion Ratio Lower Upper
91 100
126 0.0 13.4 20.2#
128 23.3 4.6 6.8#





#67

sec-Butylbenzene

Concen: 0.263 ppbv

RT: 16.658 min Scan# 41

Delta R.T. 0.029 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

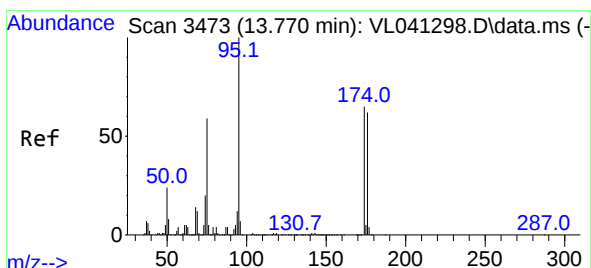
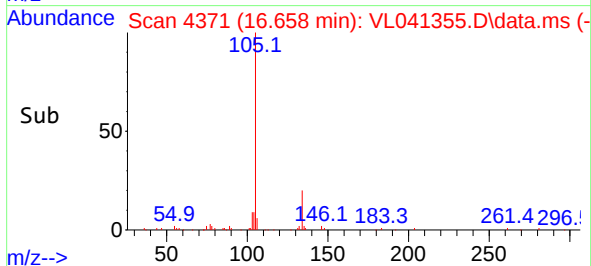
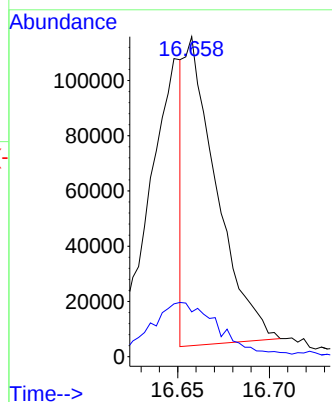
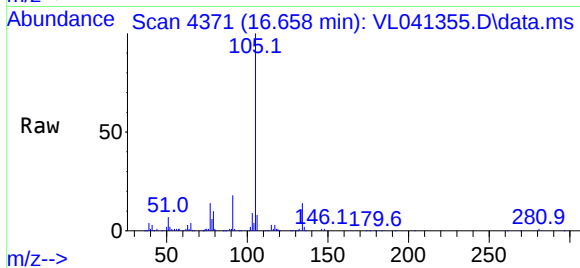
ClientSampleId :

Tgt Ion:105 Resp: 137351

Ion Ratio Lower Upper

105 100

134 0.0 14.3 21.5#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.852 ppbv

RT: 13.793 min Scan# 3480

Delta R.T. 0.023 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

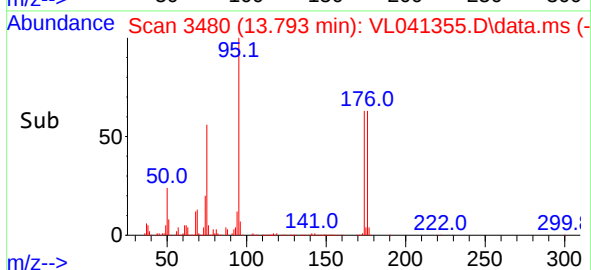
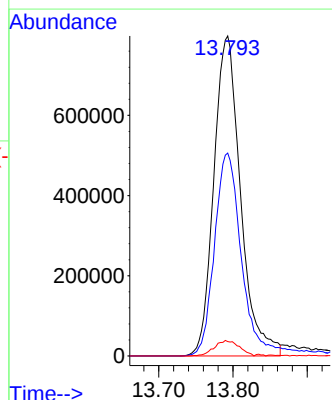
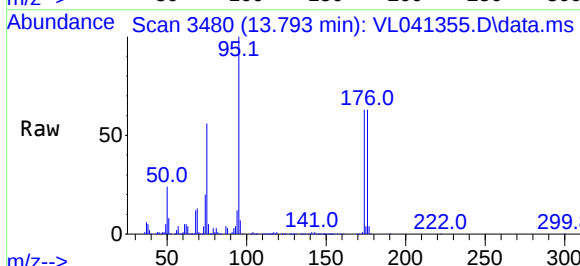
Tgt Ion: 95 Resp: 1999103

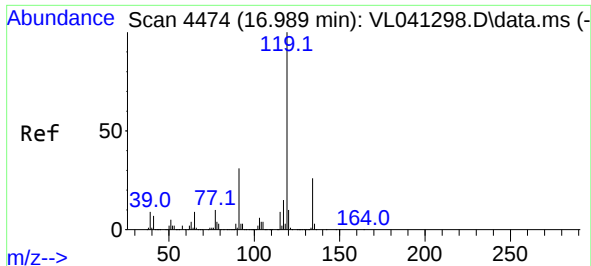
Ion Ratio Lower Upper

95 100

174 66.7 52.2 78.2

175 4.9 4.1 6.1

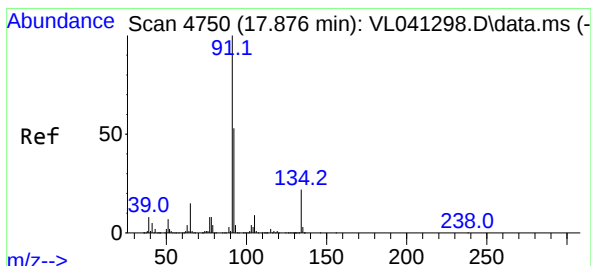
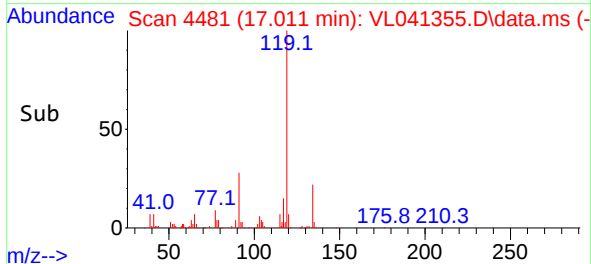
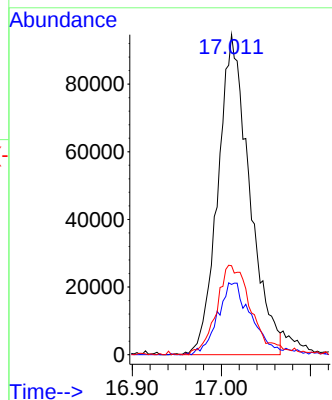
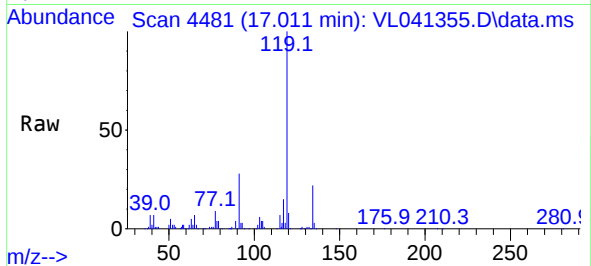




#69
p-Isopropyltoluene
Concen: 0.542 ppbv
RT: 17.011 min Scan# 4474
Delta R.T. 0.023 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

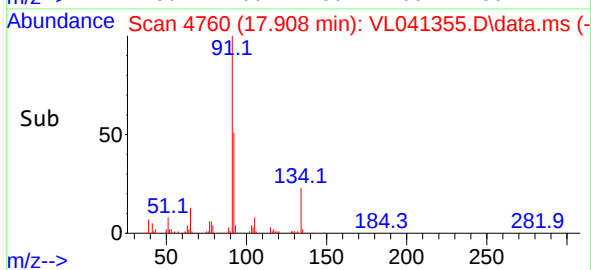
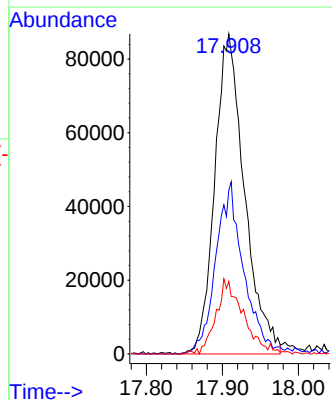
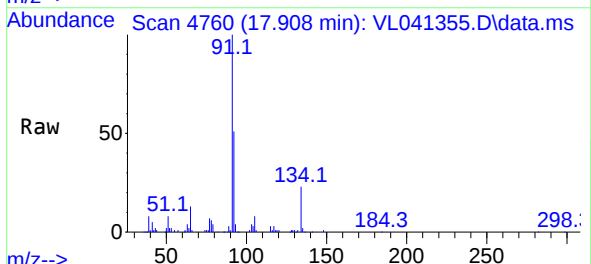
Instrument :
MSVOA_L
ClientSampleId :

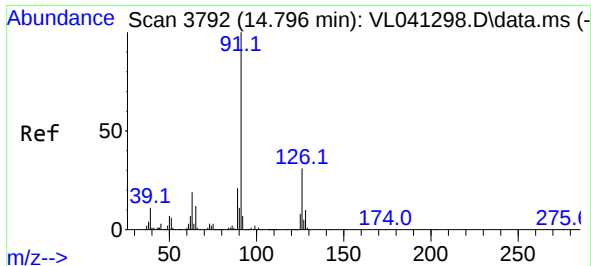
Tgt Ion:119 Resp: 233339
Ion Ratio Lower Upper
119 100
134 24.9 20.1 30.1
91 31.5 24.1 36.1



#70
n-Butylbenzene
Concen: 0.527 ppbv
RT: 17.908 min Scan# 4760
Delta R.T. 0.032 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 91 Resp: 235533
Ion Ratio Lower Upper
91 100
92 51.2 42.9 64.3
134 21.9 17.9 26.9

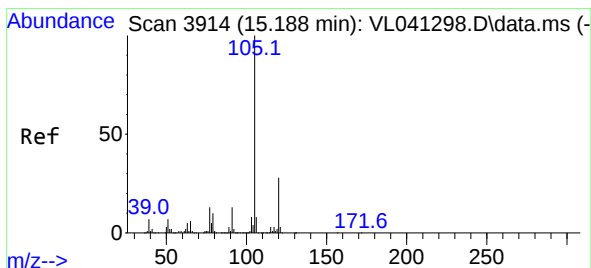
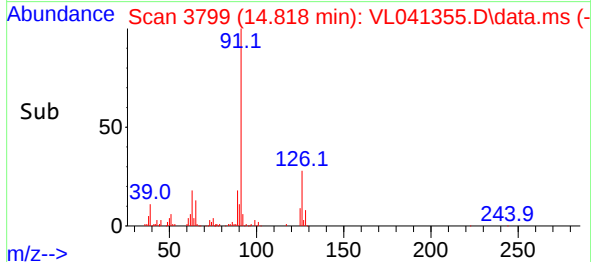
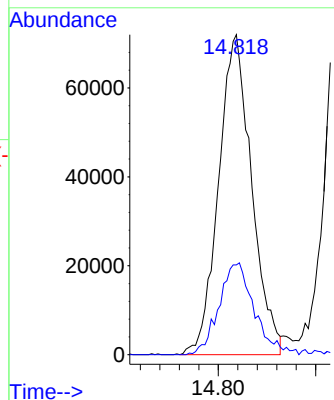
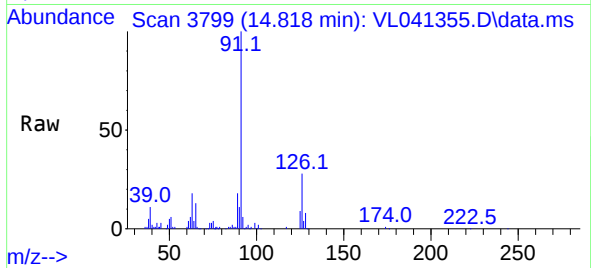




#71
2-Chlorotoluene
Concen: 0.533 ppbv
RT: 14.818 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

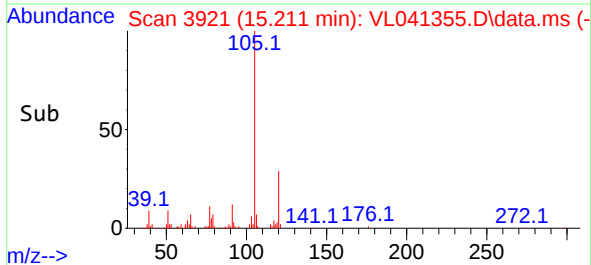
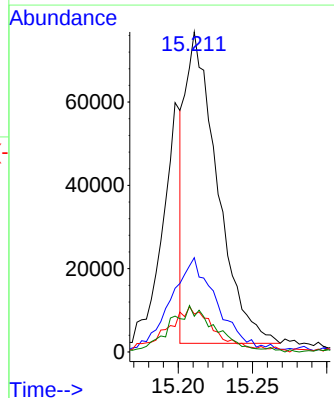
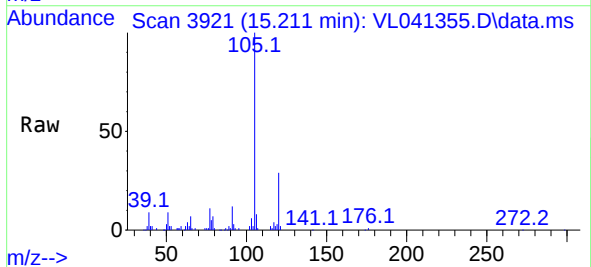
Instrument :
MSVOA_L
ClientSampleId :

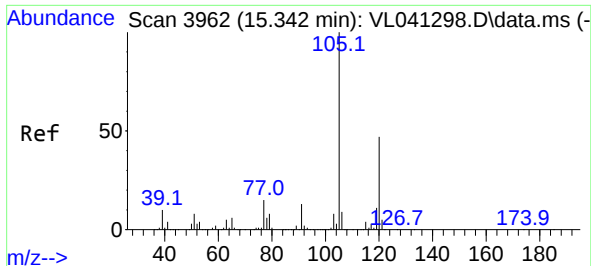
Tgt Ion: 91 Resp: 169749
Ion Ratio Lower Upper
91 100
126 31.8 12.4 49.8



#72
4-Ethyltoluene
Concen: 0.352 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.023 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

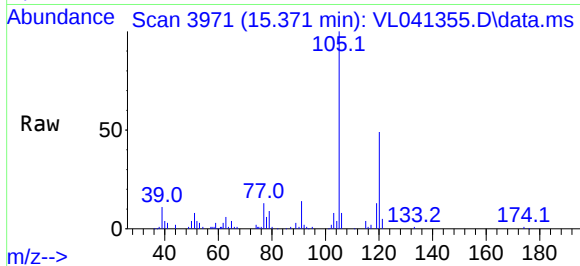
Tgt Ion: 105 Resp: 112684
Ion Ratio Lower Upper
105 100
120 45.9 23.7 35.5#
91 23.5 10.6 16.0#
77 22.9 11.6 17.4#



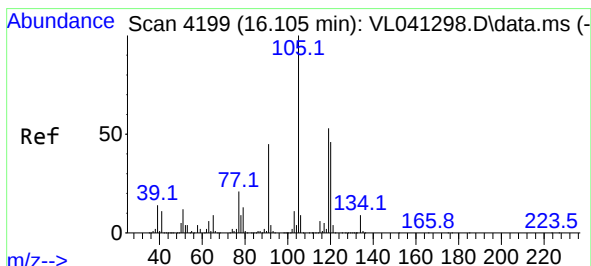
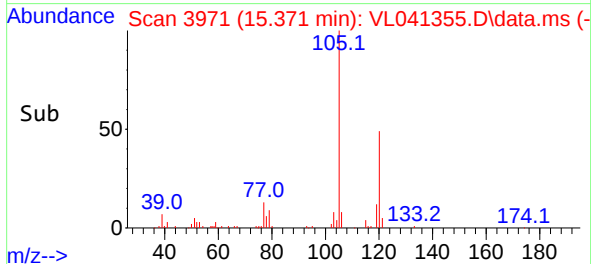
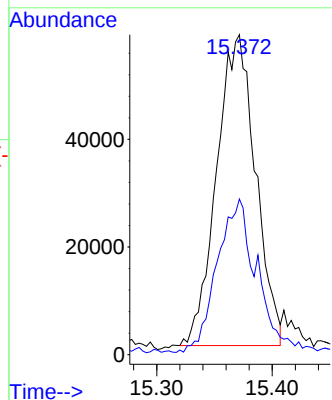


#73
1,3,5-Trimethylbenzene
Concen: 0.486 ppbv
RT: 15.371 min Scan# 3962
Delta R.T. 0.029 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :

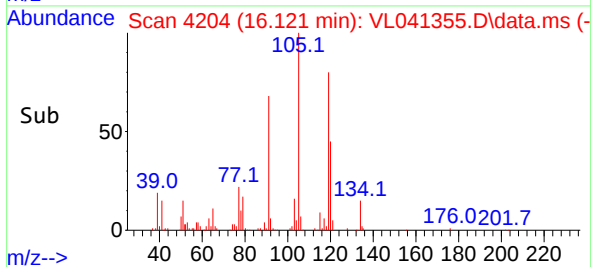
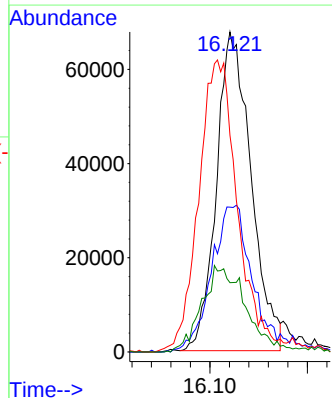
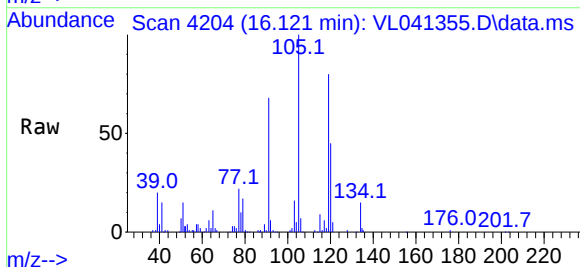


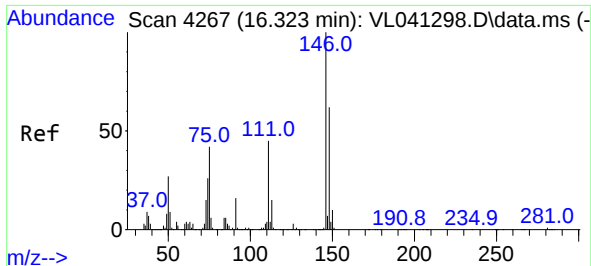
Tgt Ion:105 Resp: 135134
Ion Ratio Lower Upper
105 100
120 48.6 37.8 56.8



#74
1,2,4-Trimethylbenzene
Concen: 0.531 ppbv
RT: 16.121 min Scan# 4204
Delta R.T. 0.016 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion:105 Resp: 166943
Ion Ratio Lower Upper
105 100
120 44.2 37.0 55.6
91 64.0 36.2 54.4#
77 19.9 16.6 24.8

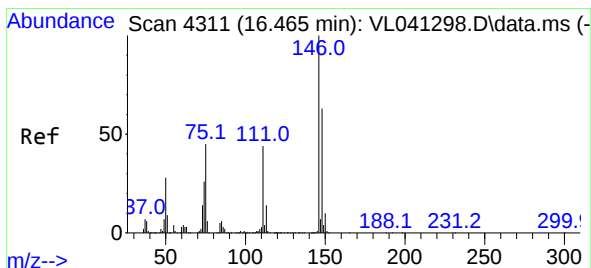
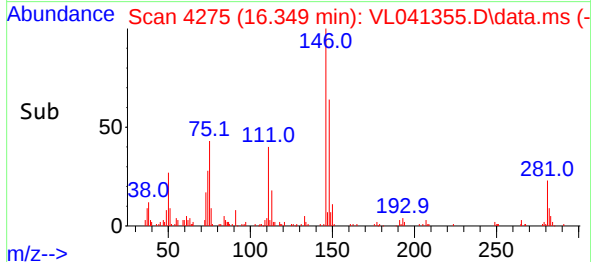
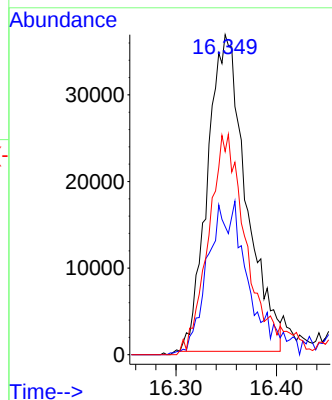
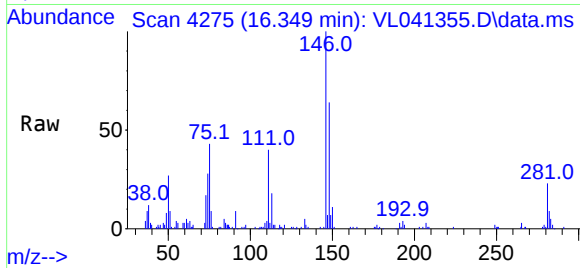




#75
1,3-Dichlorobenzene
Concen: 0.528 ppbv
RT: 16.349 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

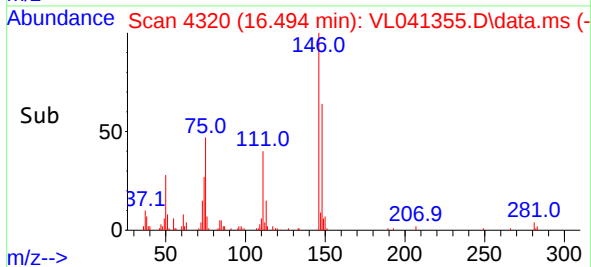
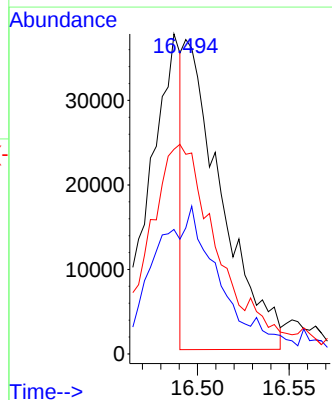
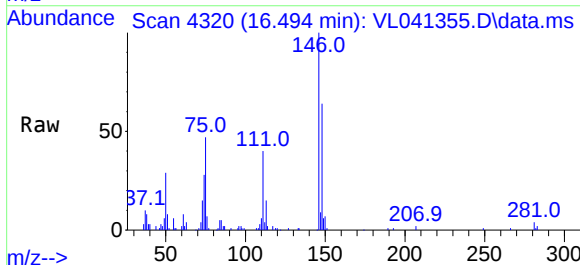
Instrument :
MSVOA_L
ClientSampleId :

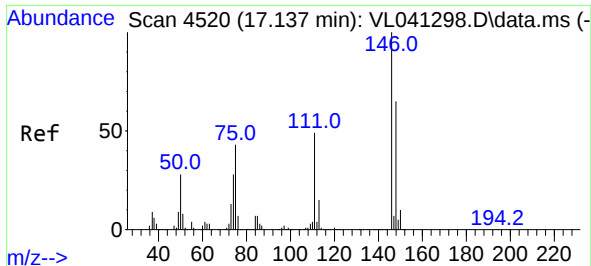
Tgt Ion:146 Resp: 97516
Ion Ratio Lower Upper
146 100
111 52.5 23.3 69.8
148 71.5 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 0.285 ppbv
RT: 16.494 min Scan# 4320
Delta R.T. 0.029 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

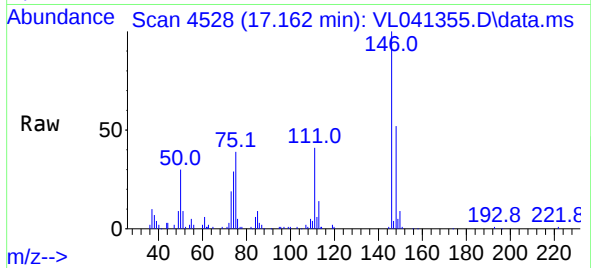
Tgt Ion:146 Resp: 52693
Ion Ratio Lower Upper
146 100
111 93.6 23.3 69.9#
148 133.7 32.9 98.6#



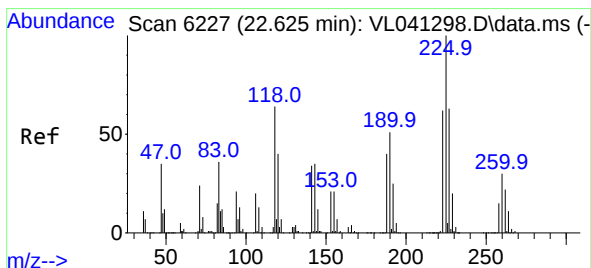
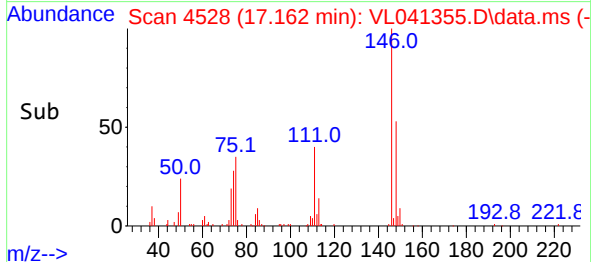
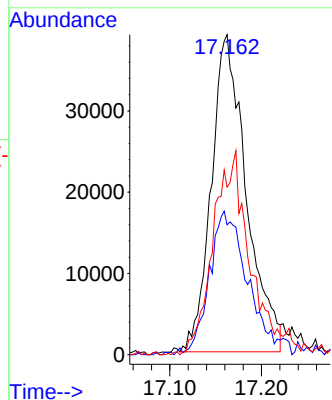


#77
1,2-Dichlorobenzene
Concen: 0.561 ppbv
RT: 17.162 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :

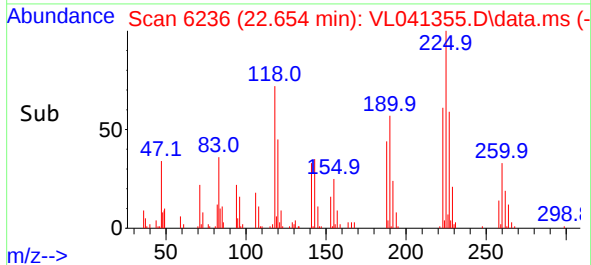
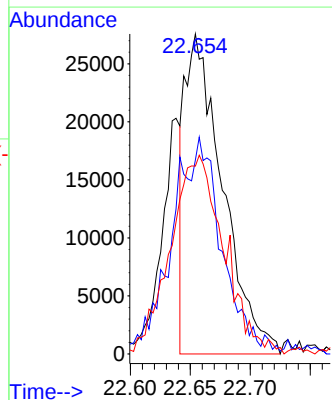
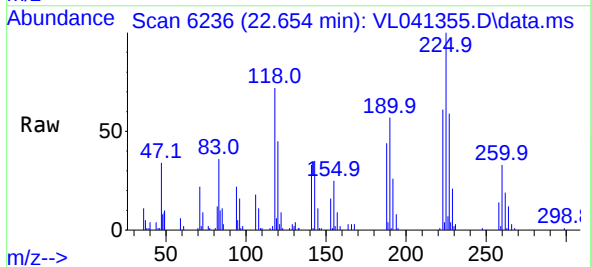


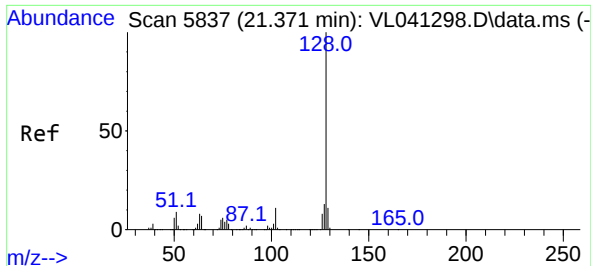
Tgt Ion:146 Resp: 103661
Ion Ratio Lower Upper
146 100
111 51.1 24.3 72.9
148 69.7 32.0 96.0



#78
Hexachloro-1,3-Butadiene
Concen: 0.399 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.029 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion:225 Resp: 60415
Ion Ratio Lower Upper
225 100
223 92.2 51.0 76.6#
227 87.8 51.1 76.7#

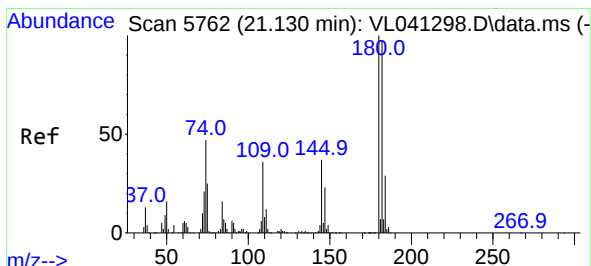
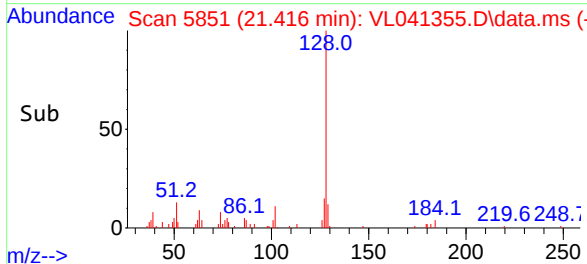
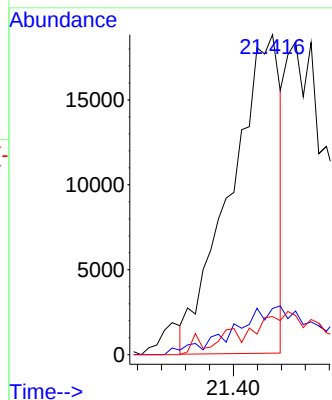
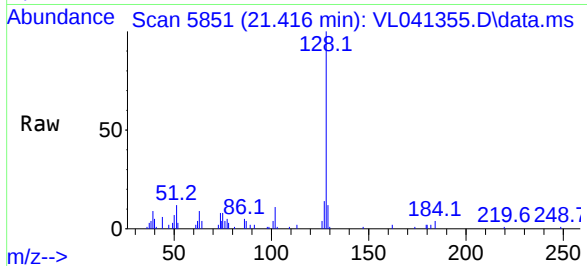




#79
Naphthalene
Concen: 0.098 ppbv
RT: 21.416 min Scan# 51
Delta R.T. 0.045 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 26837
Ion Ratio Lower Upper
128 100
127 14.4 10.5 15.7
129 13.1 9.1 13.7



#81
1,2,4-Trichlorobenzene
Concen: 0.130 ppbv
RT: 21.169 min Scan# 5774
Delta R.T. 0.039 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion:180 Resp: 19767
Ion Ratio Lower Upper
180 100
182 0.0 77.0 115.6#
184 0.0 0.0 0.0

