

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
 Data File : VL041949.D
 Acq On : 27 Jan 2025 13:36
 Operator : SY/MD
 Sample : Q1168-13 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 28 02:36:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	139423	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	394229	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	340733	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	259389	9.665	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	10010	0.527	ppbv	99
3) Chlorodifluoromethane	1.480	51	10588	0.532	ppbv	95
4) Chloromethane	1.538	50	4051	0.567	ppbv #	68
5) Vinyl Chloride	1.586	62	3802	0.526	ppbv	100
6) Bromomethane	1.674	94	1655	0.480	ppbv #	79
7) Chloroethane	1.709	64	1476	0.524	ppbv #	62
8) Dichlorotetrafluoroethane	1.557	85	8483	0.511	ppbv	94
9) Propene	1.489	41	3997	0.488	ppbv	88
10) Heptane	5.001	43	8674	0.396	ppbv	93
11) Trichlorofluoromethane	1.884	101	10107	0.512	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.150	101	8218	0.531	ppbv	97
13) Ethanol	1.729	45	579	0.965	ppbv	94
14) Bromoethene	1.787	108	2875	0.507	ppbv #	93
15) Acetone	1.842	43	11673	0.697	ppbv	99
16) 1,3-Butadiene	1.615	39	4078	0.543	ppbv	94
17) tert-Butyl alcohol	2.052	59	10611	0.515	ppbv #	91
18) 1,1-Dichloroethene	2.039	96	3443	0.493	ppbv	91
19) Isopropyl Alcohol	1.894	45	6115	0.616	ppbv #	32
20) Methylene Chloride	2.069	84	3918	0.592	ppbv	90
21) Allyl Chloride	2.104	41	5647	0.487	ppbv	88
22) trans-1,2-Dichloroethene	2.350	96	3761	0.478	ppbv #	65
23) Vinyl Acetate	2.473	43	3583	0.432	ppbv #	85
24) 1,1-Dichloroethane	2.421	63	8022	0.527	ppbv #	91
25) Ethyl Acetate	2.855	43	20458	0.453	ppbv	97
26) Hexane	2.836	57	7821	0.438	ppbv #	86
27) Carbon Disulfide	2.159	76	8379	0.474	ppbv #	12
28) Methyl tert-Butyl Ether	2.454	73	5555	0.407	ppbv #	89
29) Chloroform	2.858	83	14487	0.513	ppbv	90
30) Cyclohexane	3.875	84	6160	0.398	ppbv #	89
31) cis-1,2-Dichloroethene	2.732	61	8643	0.460	ppbv #	87
32) 1,1,1-Trichloroethane	3.379	97	13112	0.485	ppbv	95
34) 2-Butanone	2.574	43	14175	0.565	ppbv	99
35) Carbon Tetrachloride	3.781	117	12541	0.506	ppbv #	93
36) Benzene	3.674	78	11118	0.307	ppbv #	93
37) 1,2-Dichloroethane	3.231	62	11011	0.542	ppbv #	94
38) Trichloroethene	4.564	130	6848	0.477	ppbv #	79
39) 1,2-Dichloropropane	4.337	63	6825	0.538	ppbv	89
40) 1,4-Dioxane	4.622	88	888	0.139	ppbv #	11
42) Bromodichloromethane	4.516	83	6603	0.243	ppbv	98
43) Methyl Methacrylate	4.904	69	3615	0.269	ppbv #	55
44) 2,2,4-Trimethylpentane	4.664	57	25175	0.430	ppbv	93
45) t-1,3-Dichloropropene	6.451	75	1590	0.126	ppbv	96
46) cis-1,3-Dichloropropene	5.626	75	3589	0.217	ppbv	98

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 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

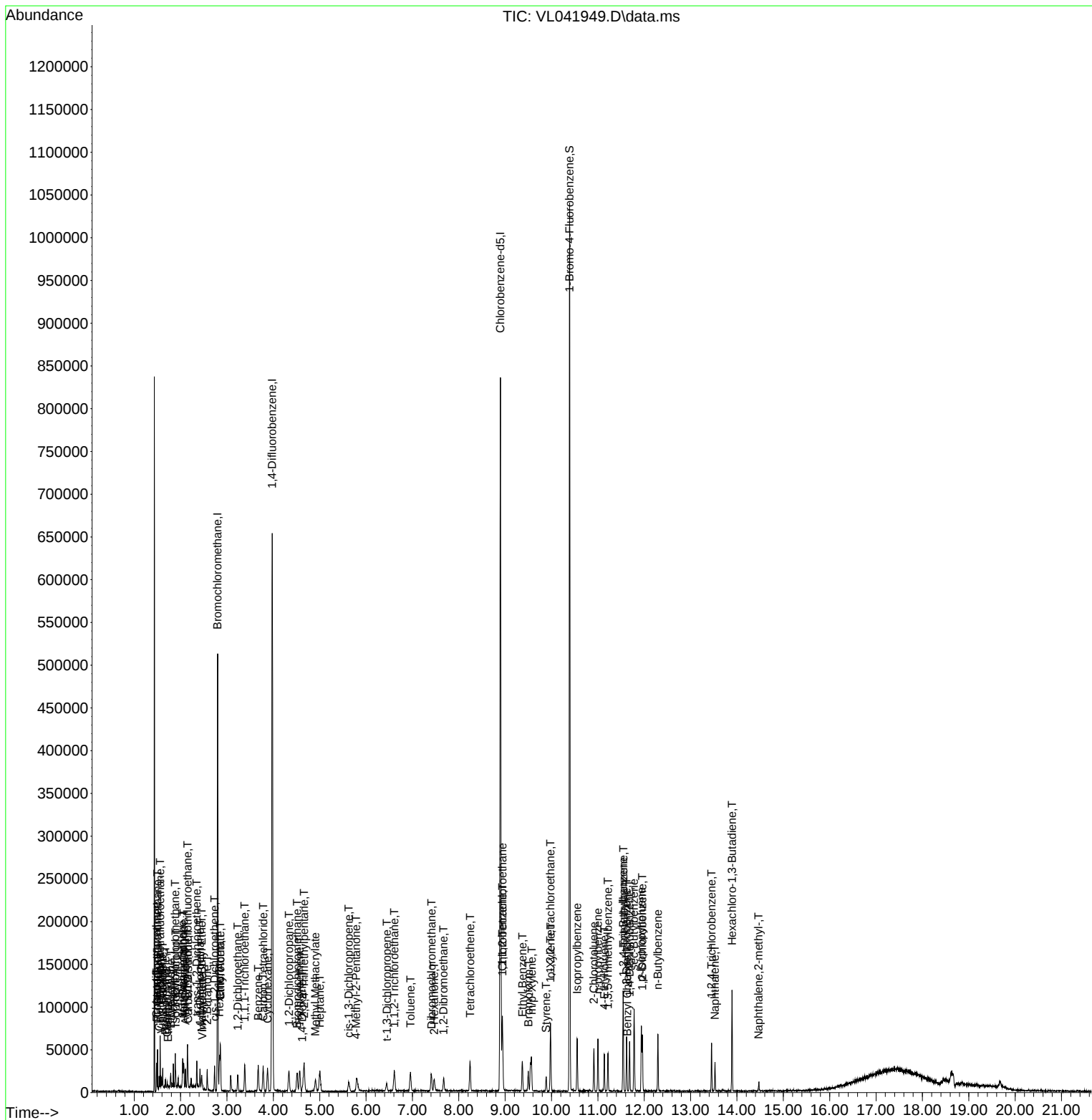
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 ClientSampleId :

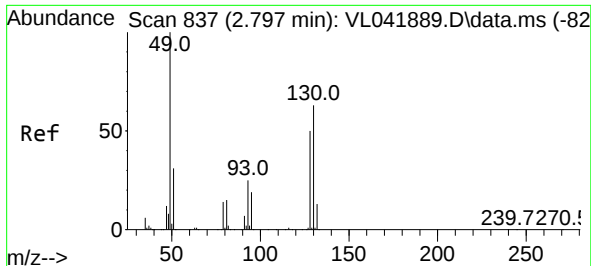
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
47) 1,1,2-Trichloroethane	6.610	97	2445	0.182	ppbv	#	49
48) Dibromochloromethane	7.409	129	9946	0.480	ppbv		99
49) Bromoform	9.500	173	3781	0.222	ppbv	#	30
50) 4-Methyl-2-Pentanone	5.784	43	2351	0.069	ppbv	#	39
51) 2-Hexanone	7.467	43	5289	0.201	ppbv	#	44
52) Tetrachloroethene	8.244	164	4069	0.325	ppbv		88
53) Toluene	6.959	91	15247	0.387	ppbv		95
54) 1,2-Dibromoethane	7.668	107	5243	0.284	ppbv		85
56) 1,1,1,2-Tetrachloroethane	8.943	131	8391	0.494	ppbv	#	65
57) Chlorobenzene	8.940	112	17331	0.551	ppbv	#	87
58) Ethyl Benzene	9.370	91	19424	0.365	ppbv		96
59) m/p-Xylene	9.571	91	9423	0.221	ppbv	#	1
60) o-Xylene	9.979	91	15387	0.363	ppbv		98
61) Styrene	9.882	104	6327	0.333	ppbv		94
62) Isopropylbenzene	10.552	105	26180	0.399	ppbv		96
63) 1,1,2,2-Tetrachloroethane	9.976	83	14997	0.554	ppbv		98
64) n-propylbenzene	11.002	120	6152	0.371	ppbv		92
65) tert-Butylbenzene	11.545	119	21391	0.358	ppbv		99
66) Benzyl Chloride	11.633	91	973	0.263	ppbv	#	88
67) sec-Butylbenzene	11.779	105	32120	0.390	ppbv		98
69) p-Isopropyltoluene	11.940	119	24328	0.359	ppbv		97
70) n-Butylbenzene	12.293	91	23438	0.349	ppbv		95
71) 2-Chlorotoluene	10.914	91	17792	0.367	ppbv		95
72) 4-Ethyltoluene	11.138	105	17031	0.336	ppbv	#	96
73) 1,3,5-Trimethylbenzene	11.215	105	15683	0.350	ppbv		97
74) 1,2,4-Trimethylbenzene	11.552	105	18331	0.378	ppbv	#	75
75) 1,3-Dichlorobenzene	11.617	146	14333	0.499	ppbv		96
76) 1,4-Dichlorobenzene	11.685	146	13591	0.484	ppbv		98
77) 1,2-Dichlorobenzene	11.960	146	14661	0.515	ppbv		97
78) Hexachloro-1,3-Butadiene	13.892	225	11364	0.486	ppbv		96
79) Naphthalene	13.523	128	14298	0.293	ppbv		94
80) Naphthalene,2-methyl-	14.468	142	3436	0.149	ppbv		96
81) 1,2,4-Trichlorobenzene	13.452	180	9238	0.388	ppbv		97

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

Quant Time: Jan 28 02:36:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
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QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

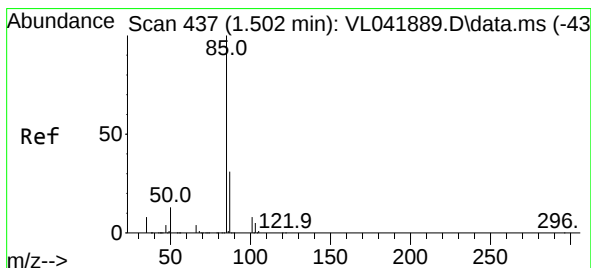
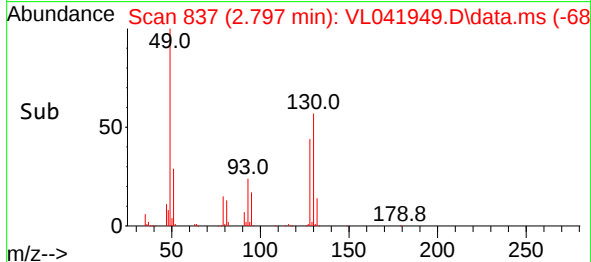
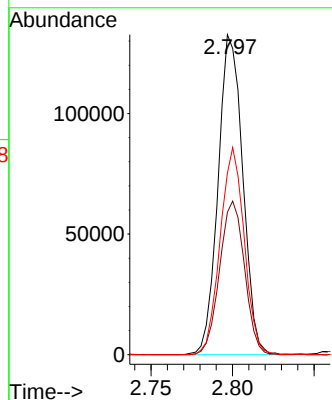
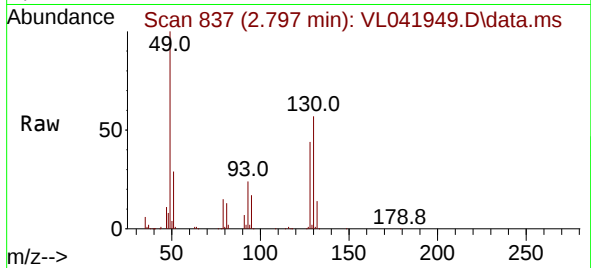




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

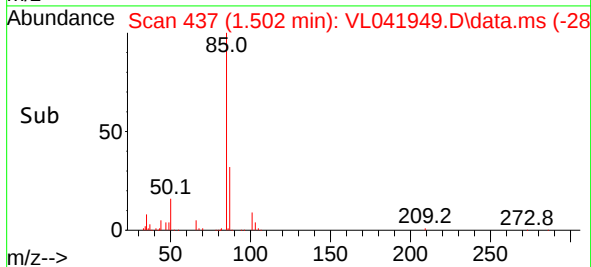
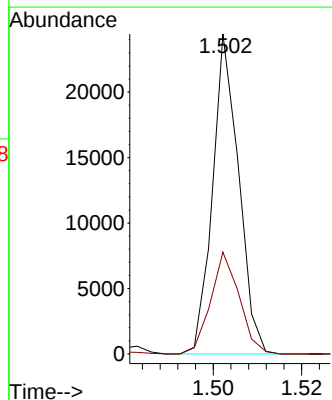
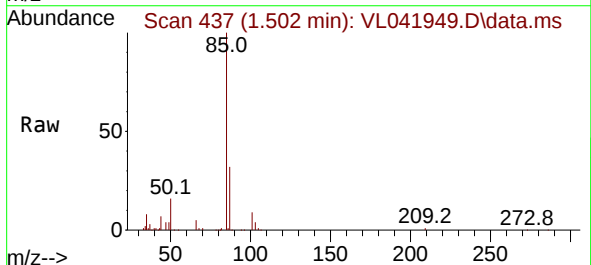
Instrument :
MSVOA_L
ClientSampleId :

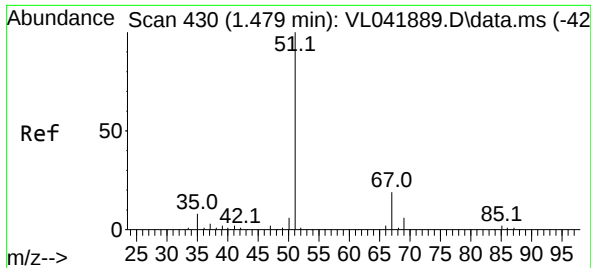
Tgt Ion: 49 Resp: 139423
Ion Ratio Lower Upper
49 100
128 48.5 24.3 73.0
130 63.1 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 0.527 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion: 85 Resp: 10010
Ion Ratio Lower Upper
85 100
87 31.8 24.9 37.3

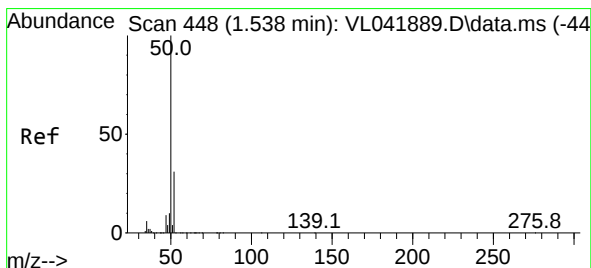
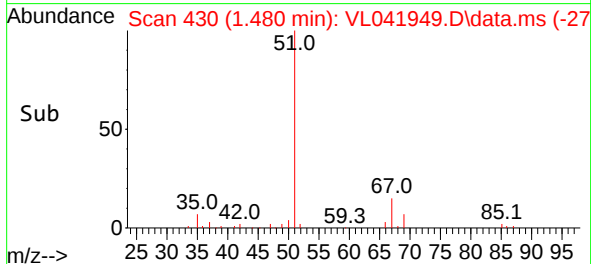
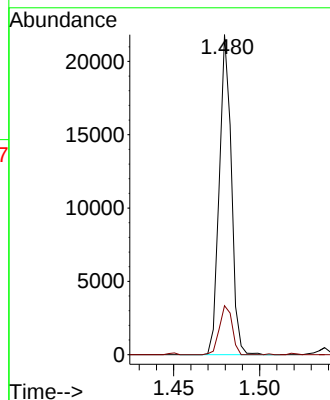
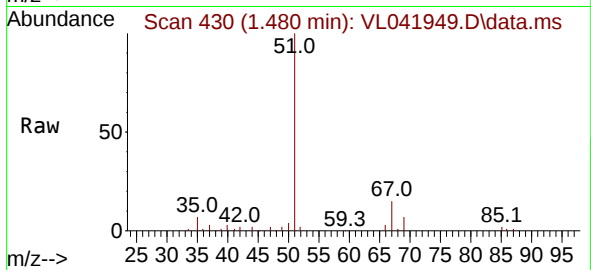




#3
Chlorodifluoromethane
Concen: 0.532 ppbv
RT: 1.480 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

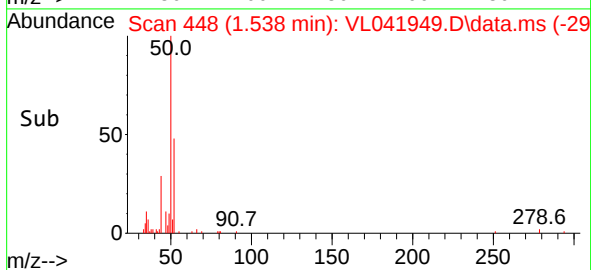
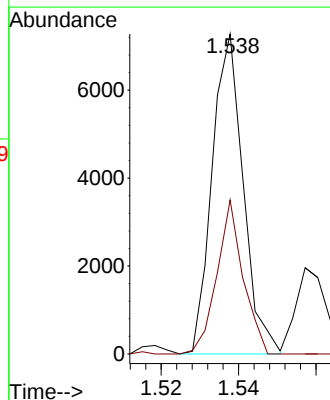
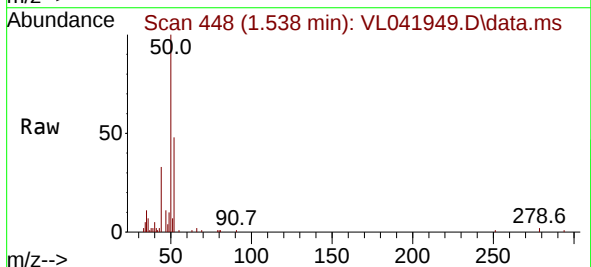
Instrument :
MSVOA_L
ClientSampleId :

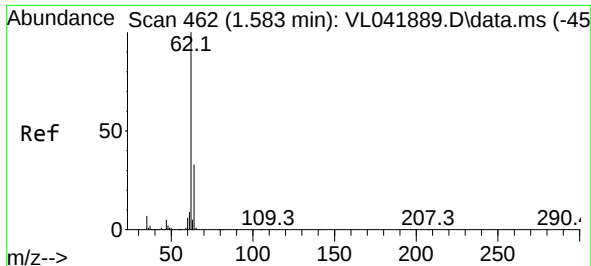
Tgt Ion: 51 Resp: 10588
Ion Ratio Lower Upper
51 100
67 16.2 15.0 22.4



#4
Chloromethane
Concen: 0.567 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion: 50 Resp: 4051
Ion Ratio Lower Upper
50 100
52 48.1 24.6 36.8#

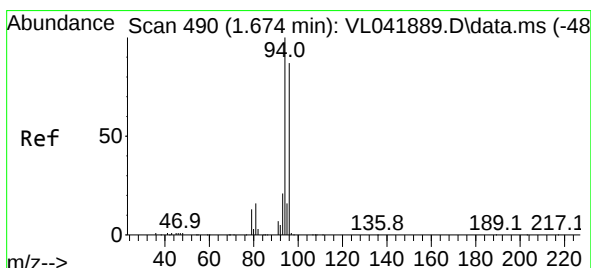
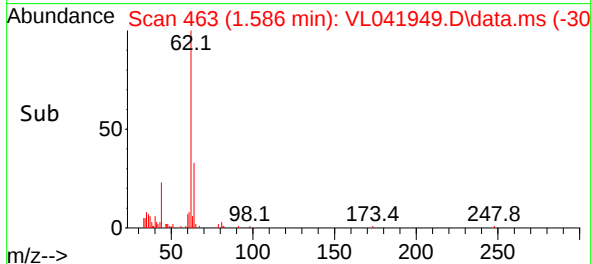
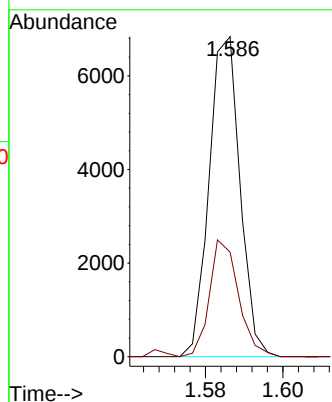
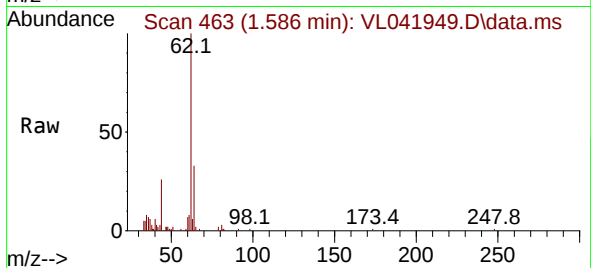




#5
 Vinyl Chloride
 Concen: 0.526 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. 0.003 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36

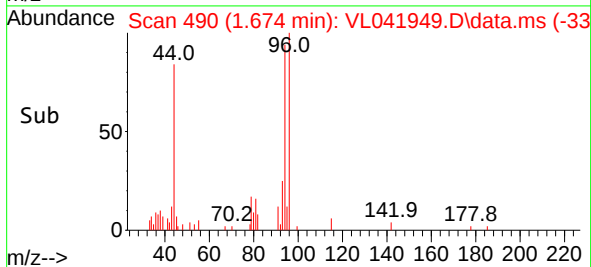
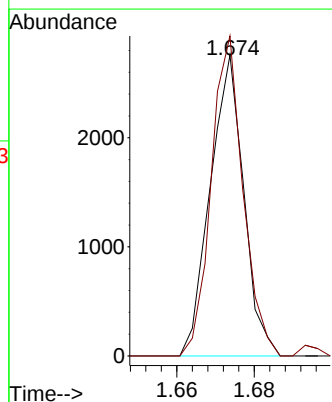
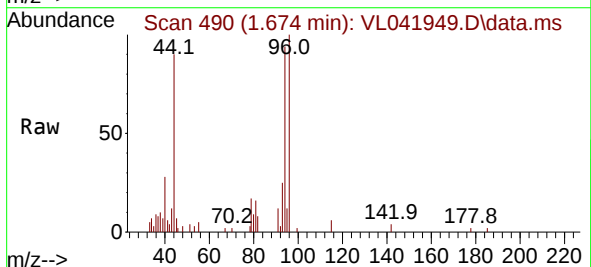
Instrument :
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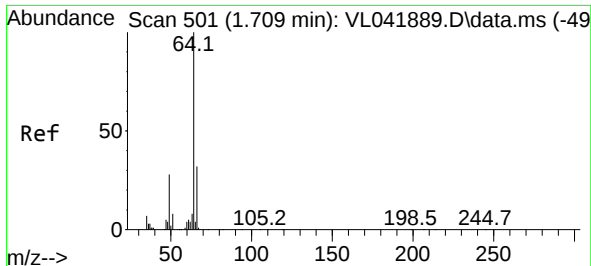
Tgt Ion: 62 Resp: 3802
 Ion Ratio Lower Upper
 62 100
 64 32.6 26.1 39.1



#6
 Bromomethane
 Concen: 0.480 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36

Tgt Ion: 94 Resp: 1655
 Ion Ratio Lower Upper
 94 100
 96 106.3 69.5 104.3#

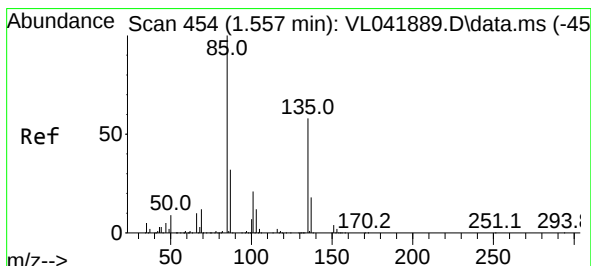
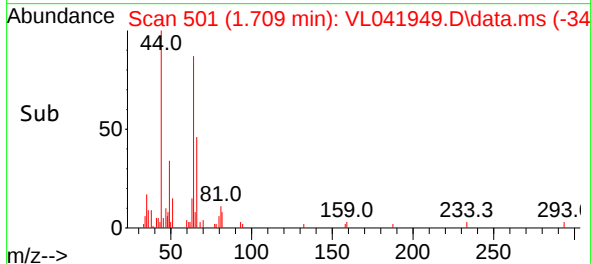
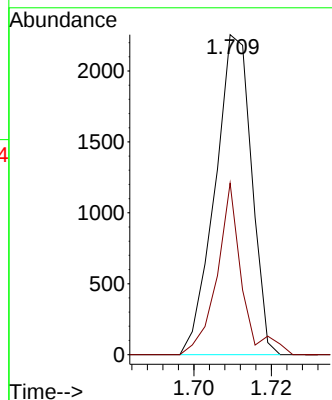
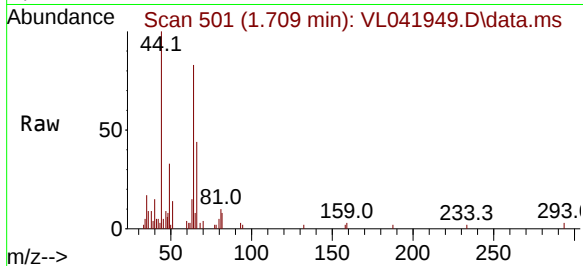




#7
Chloroethane
Concen: 0.524 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

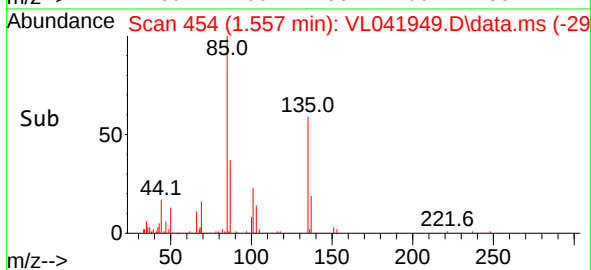
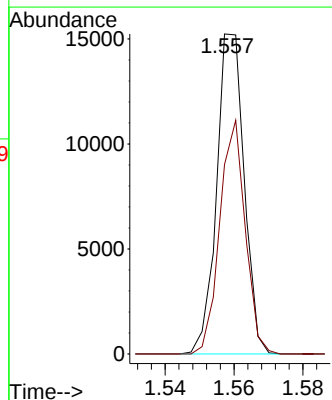
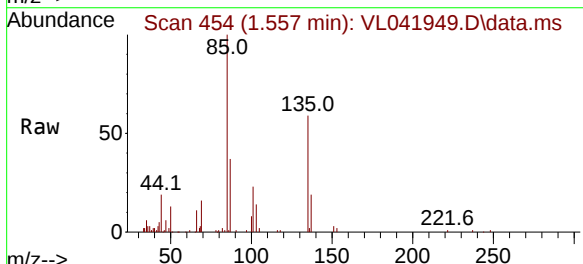
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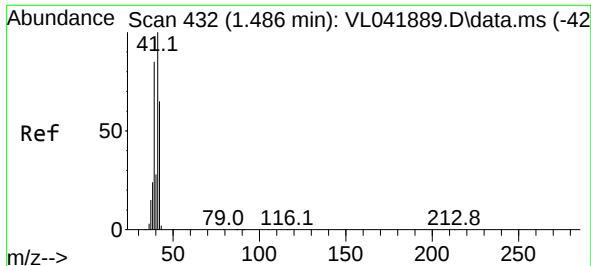
Tgt Ion: 64 Resp: 1476
Ion Ratio Lower Upper
64 100
66 53.6 25.7 38.5#



#8
Dichlorotetrafluoroethane
Concen: 0.511 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion: 85 Resp: 8483
Ion Ratio Lower Upper
85 100
135 67.3 50.0 75.0





#9

Propene

Concen: 0.488 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Instrument :

MSVOA_L

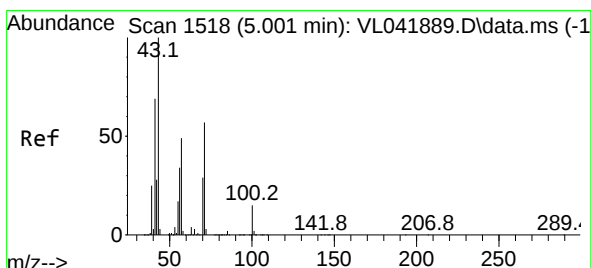
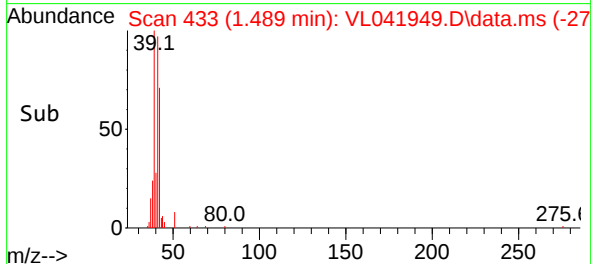
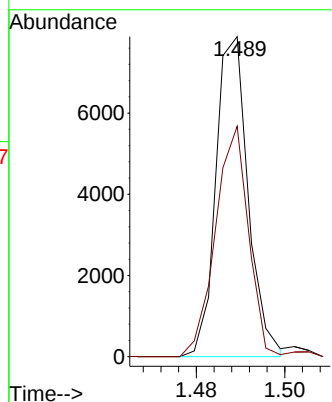
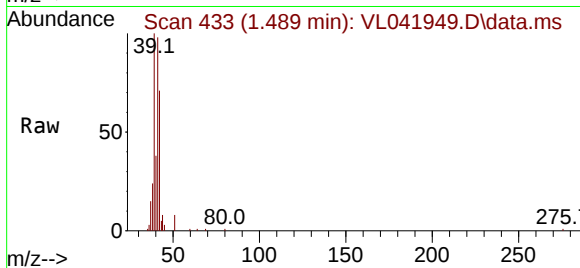
ClientSampleId :

Tgt Ion: 41 Resp: 3997

Ion Ratio Lower Upper

41 100

42 74.7 52.0 78.0



#10

Heptane

Concen: 0.396 ppbv

RT: 5.001 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VL041949.D

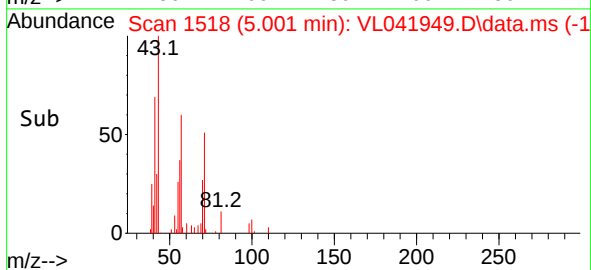
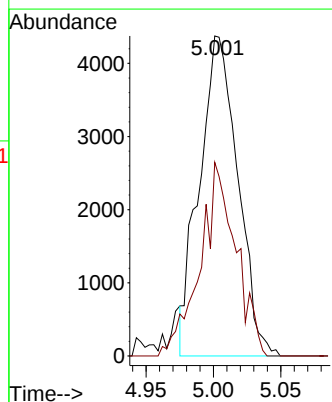
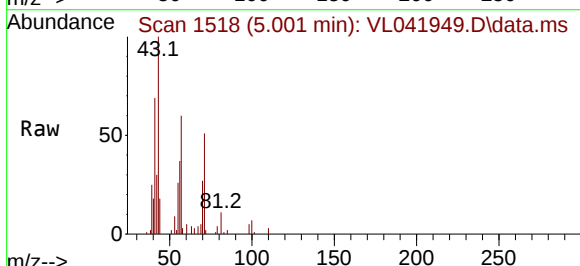
Acq: 27 Jan 2025 13:36

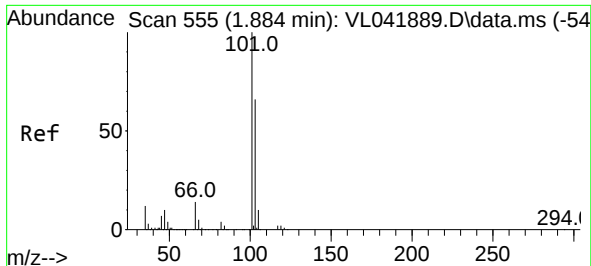
Tgt Ion: 43 Resp: 8674

Ion Ratio Lower Upper

43 100

57 56.3 41.0 61.4

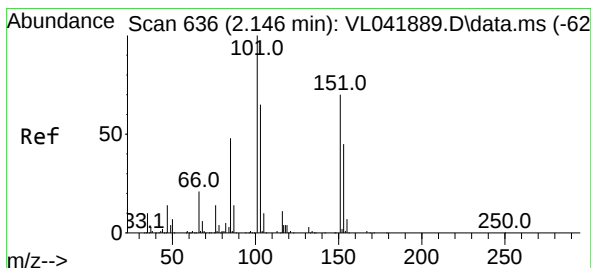
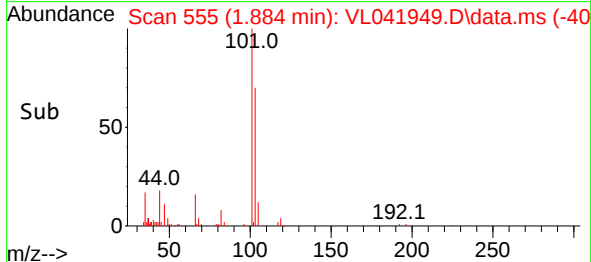
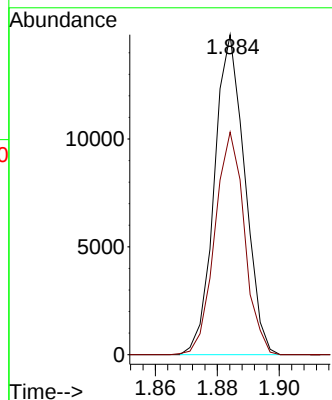
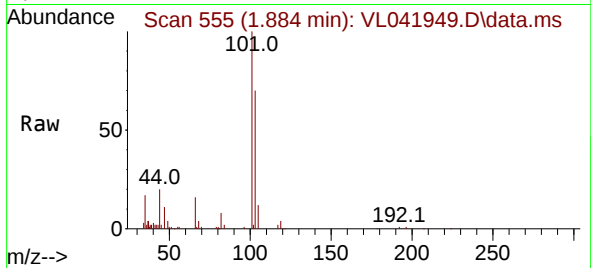




#11
 Trichlorofluoromethane
 Concen: 0.512 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36

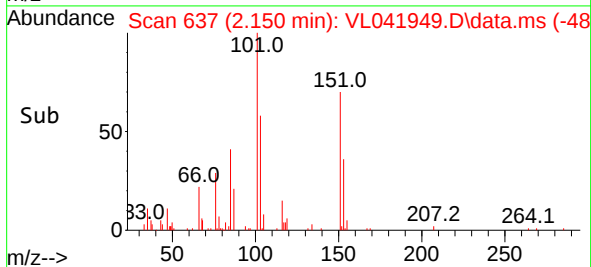
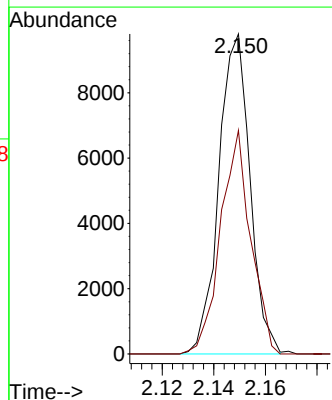
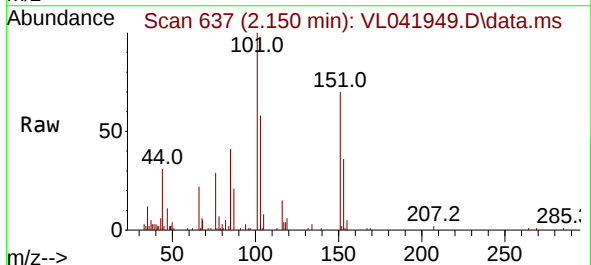
Instrument :
 MSVOA_L
 ClientSampleId :

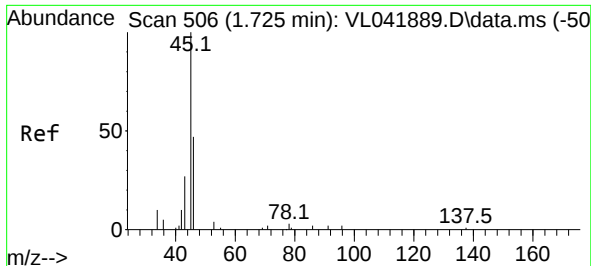
Tgt Ion:101 Resp: 10107
 Ion Ratio Lower Upper
 101 100
 103 69.6 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.531 ppbv
 RT: 2.150 min Scan# 637
 Delta R.T. 0.003 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36

Tgt Ion:101 Resp: 8218
 Ion Ratio Lower Upper
 101 100
 151 67.6 56.1 84.1

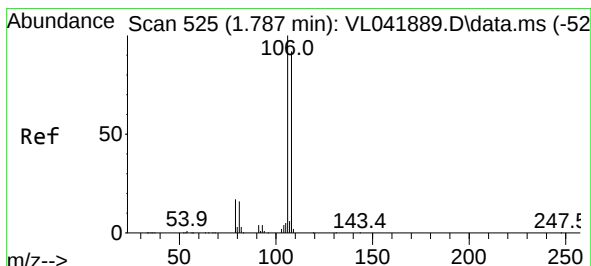
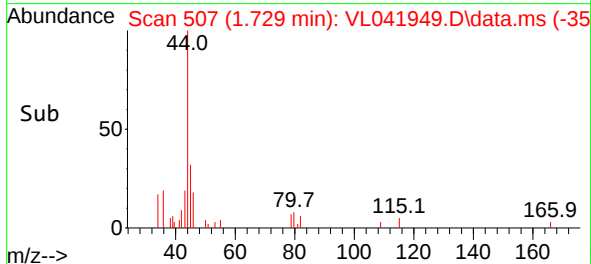
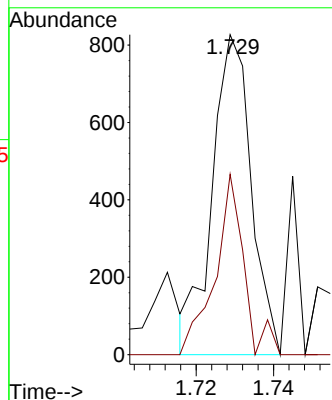
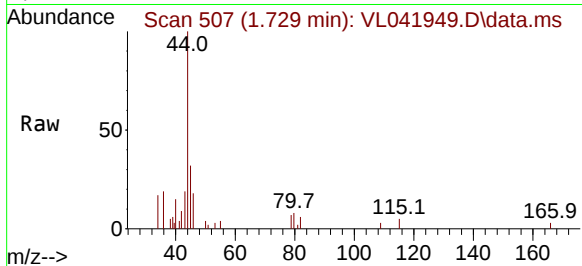




#13
Ethanol
Concen: 0.965 ppbv
RT: 1.729 min Scan# 506
Delta R.T. 0.003 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

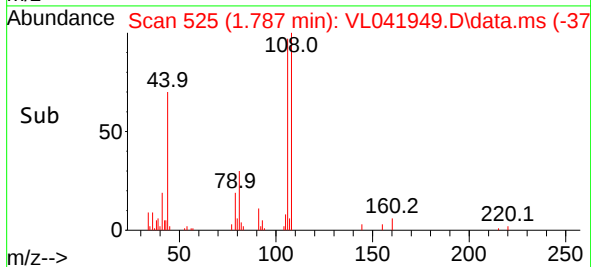
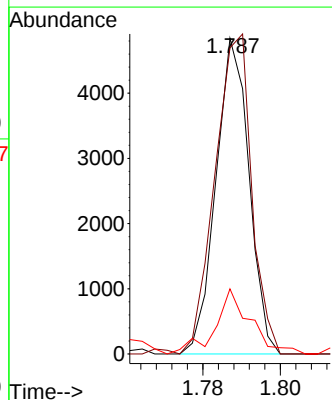
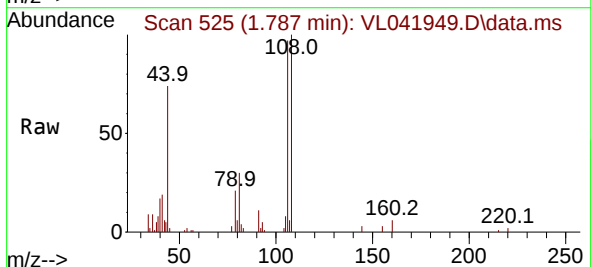
Instrument :
MSVOA_L
ClientSampleId :

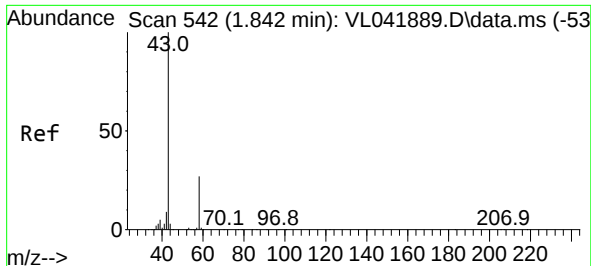
Tgt Ion: 45 Resp: 579
Ion Ratio Lower Upper
45 100
46 41.5 18.1 72.5



#14
Bromoethene
Concen: 0.507 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion: 108 Resp: 2875
Ion Ratio Lower Upper
108 100
106 112.6 85.5 128.3
79 25.1 15.3 22.9

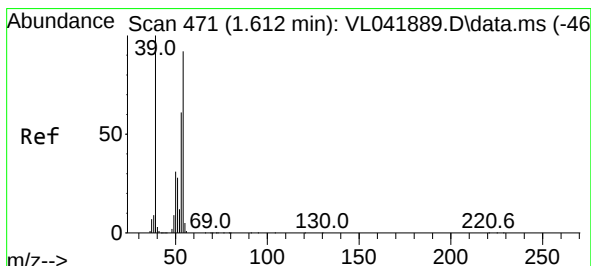
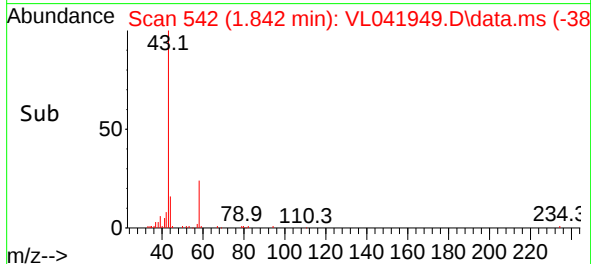
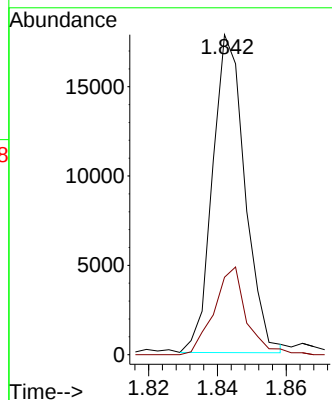
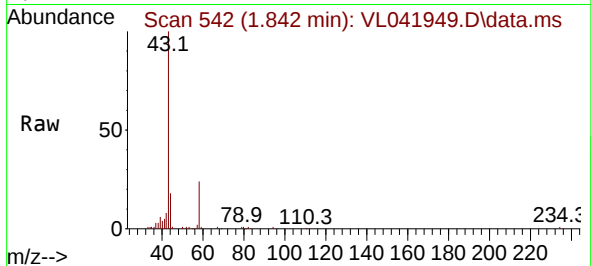




#15
Acetone
Concen: 0.697 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

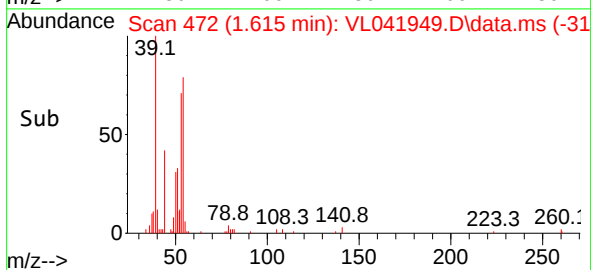
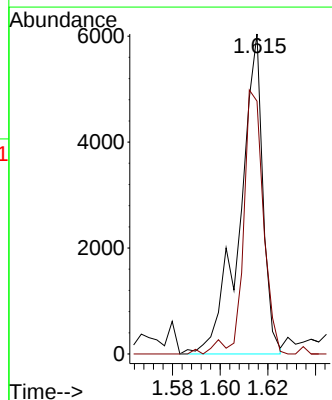
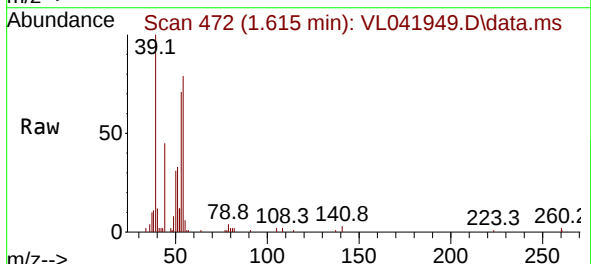
Instrument :
MSVOA_L
ClientSampleId :

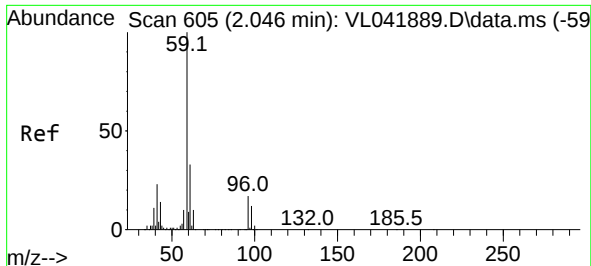
Tgt Ion: 43 Resp: 11673
Ion Ratio Lower Upper
43 100
58 27.8 21.9 32.9



#16
1,3-Butadiene
Concen: 0.543 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion: 39 Resp: 4078
Ion Ratio Lower Upper
39 100
54 72.2 61.6 92.4





#17

tert-Butyl alcohol

Concen: 0.515 ppbv

RT: 2.052 min Scan# 605

Delta R.T. 0.007 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Instrument :

MSVOA_L

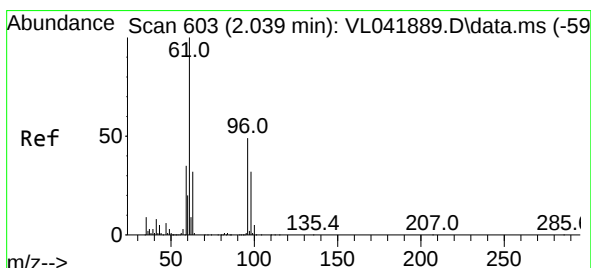
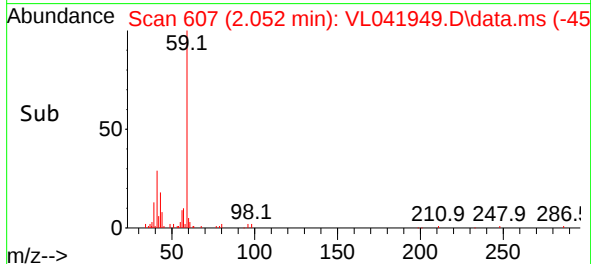
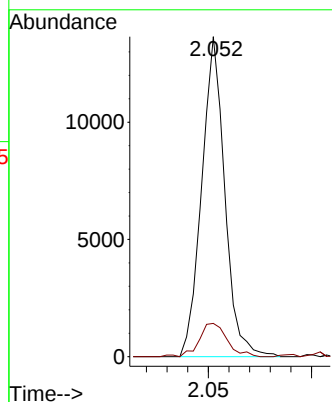
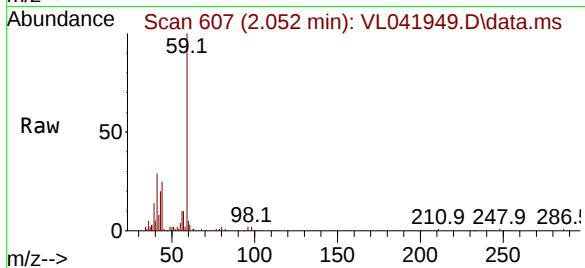
ClientSampleId :

Tgt Ion: 59 Resp: 10611

Ion Ratio Lower Upper

59 100

57 13.2 7.8 11.8#



#18

1,1-Dichloroethene

Concen: 0.493 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.000 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

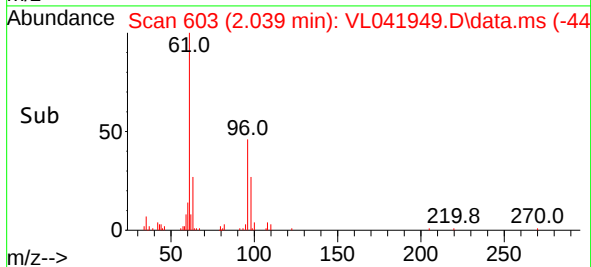
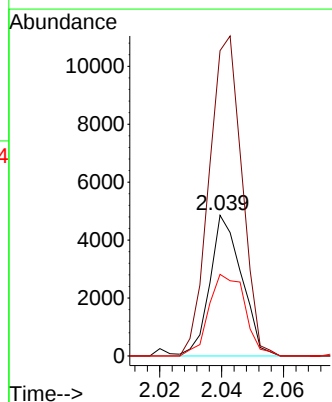
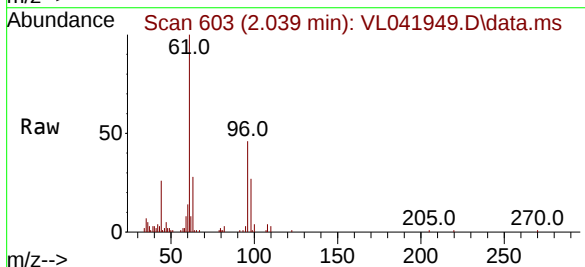
Tgt Ion: 96 Resp: 3443

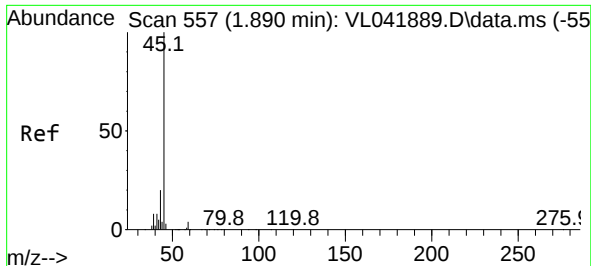
Ion Ratio Lower Upper

96 100

61 217.0 163.1 244.7

98 58.0 52.7 79.1

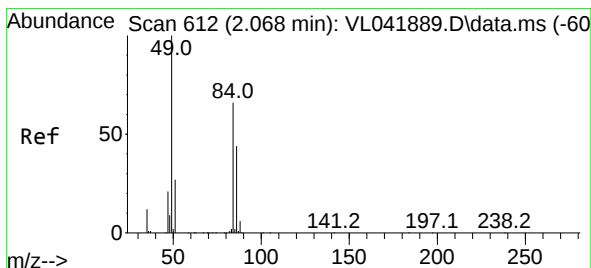
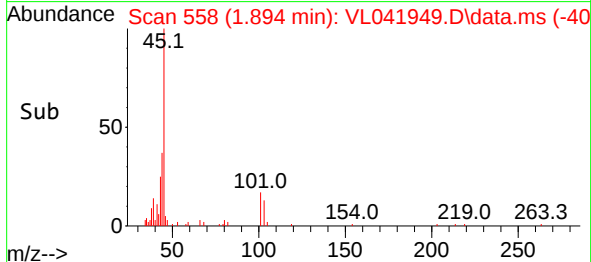
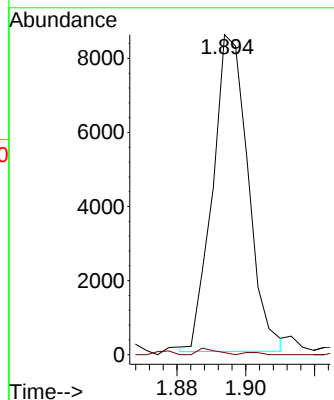
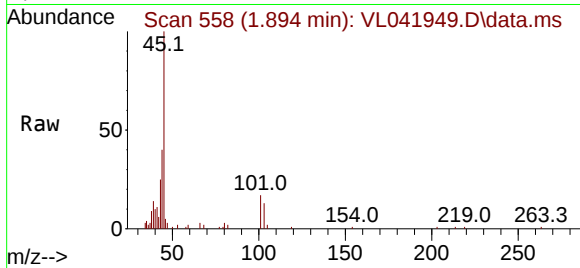




#19
Isopropyl Alcohol
Concen: 0.616 ppbv
RT: 1.894 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

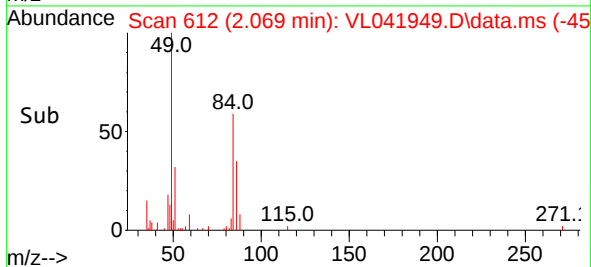
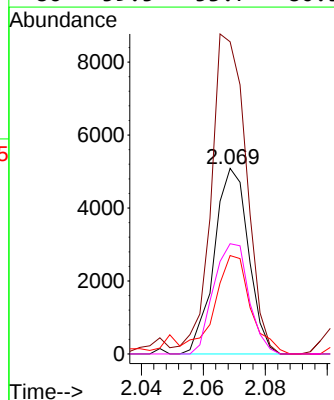
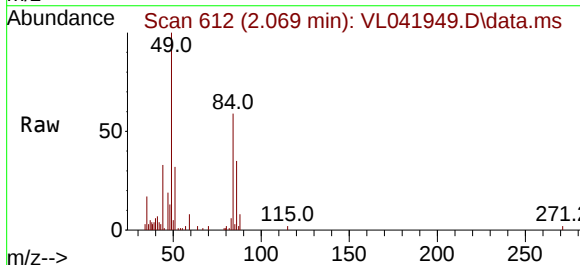
Instrument :
MSVOA_L
ClientSampleId :

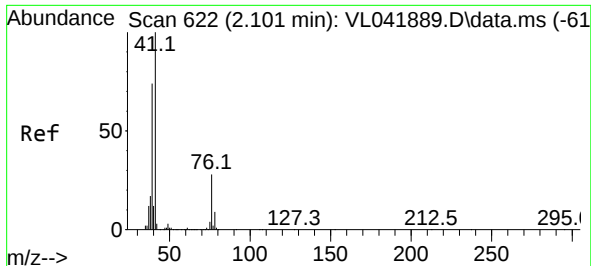
Tgt Ion: 45 Resp: 6115
Ion Ratio Lower Upper
45 100
58 0.0 35.0 52.6#



#20
Methylene Chloride
Concen: 0.592 ppbv
RT: 2.069 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion: 84 Resp: 3918
Ion Ratio Lower Upper
84 100
49 168.2 123.1 184.7
51 50.7 35.8 53.8
86 59.5 53.7 80.5

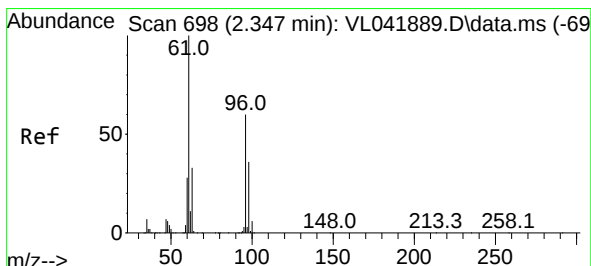
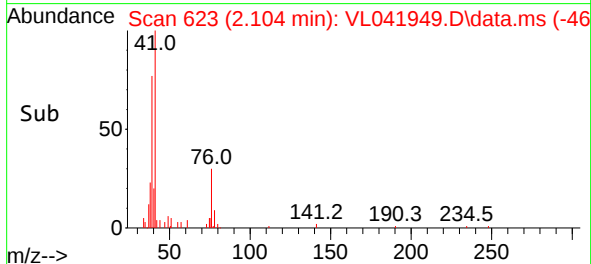
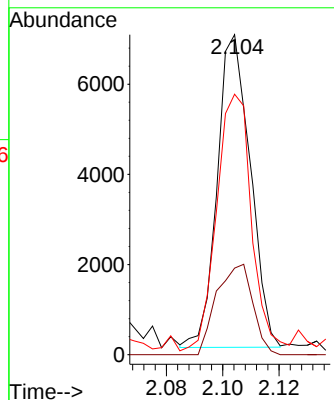
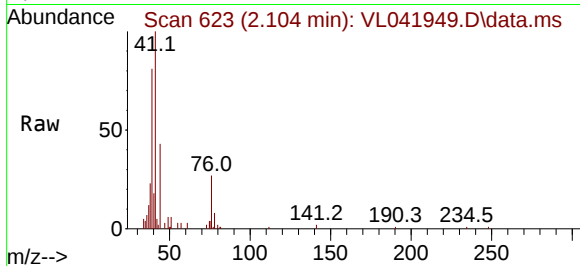




#21
 Allyl Chloride
 Concen: 0.487 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36

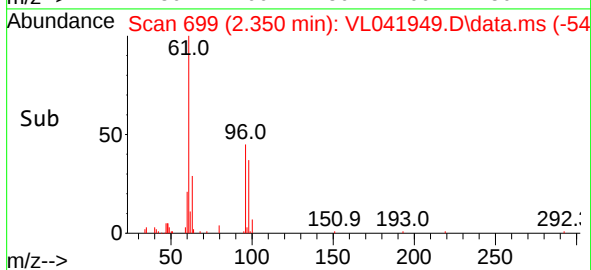
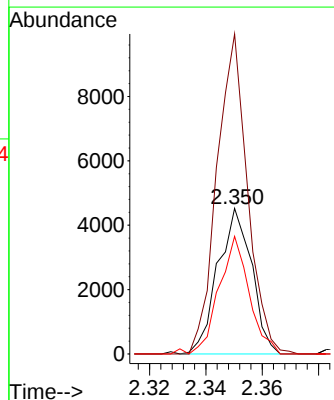
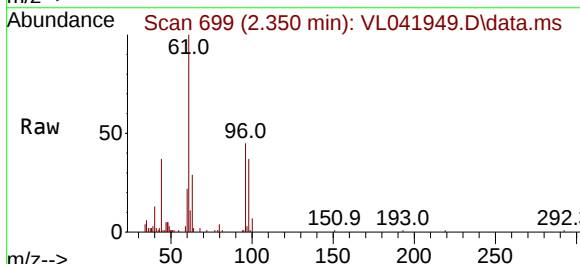
Instrument :
 MSVOA_L
 ClientSampleId :

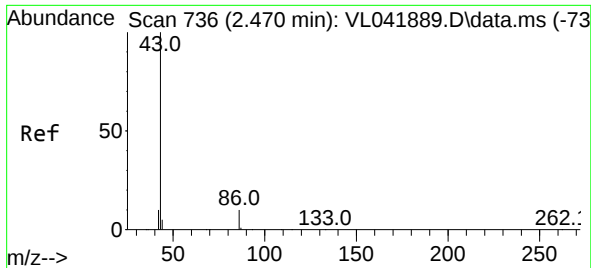
Tgt Ion: 41 Resp: 5647
 Ion Ratio Lower Upper
 41 100
 76 31.5 24.2 36.4
 39 88.9 60.6 91.0



#22
 trans-1,2-Dichloroethene
 Concen: 0.478 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.003 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36

Tgt Ion: 96 Resp: 3761
 Ion Ratio Lower Upper
 96 100
 61 219.9 134.5 201.7#
 98 80.8 48.9 73.3#

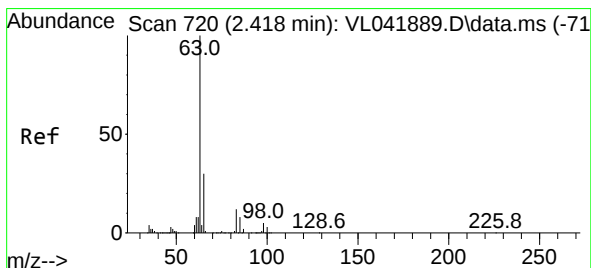
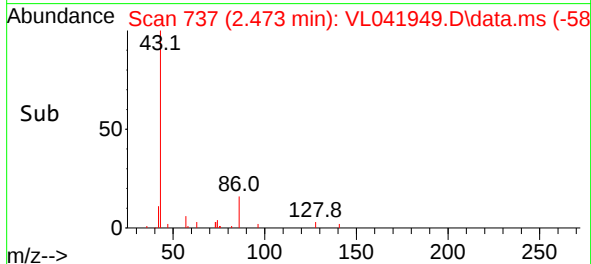
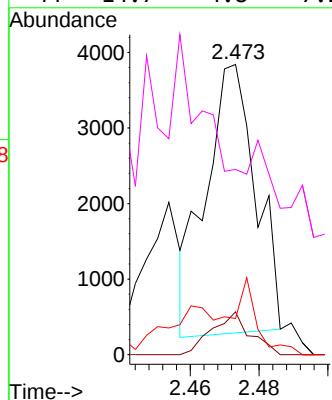
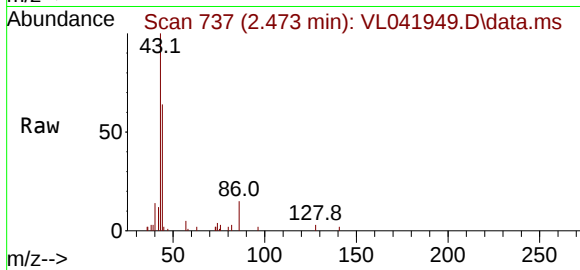




#23
 Vinyl Acetate
 Concen: 0.432 ppbv
 RT: 2.473 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36

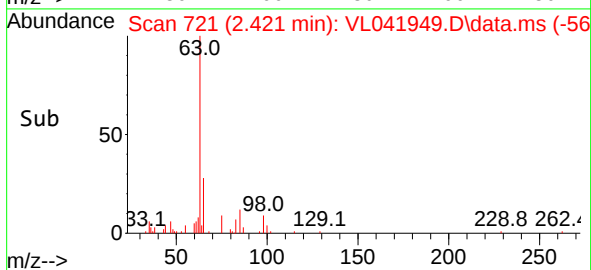
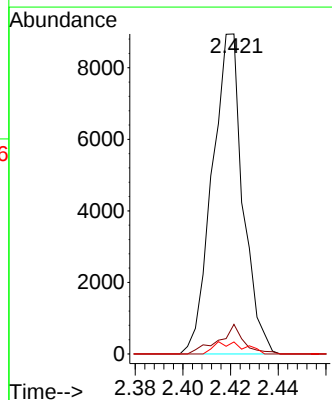
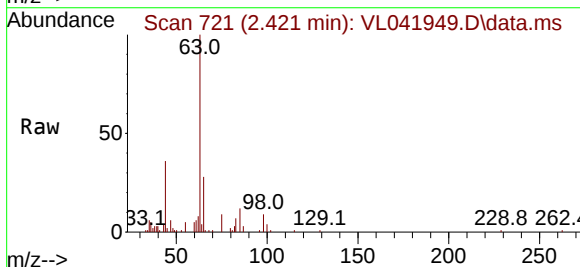
Instrument :
 MSVOA_L
 ClientSampleId :

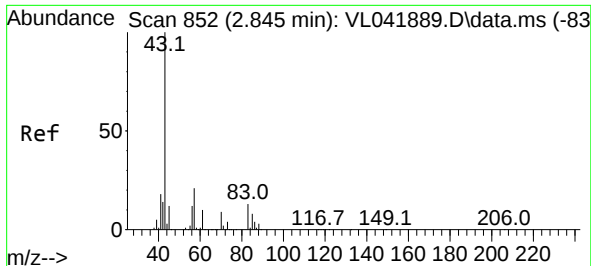
Tgt	Ion: 43	Resp:	3583
Ion	Ratio	Lower	Upper
43	100		
86	16.2	6.2	9.4#
42	10.0	8.5	12.7
44	14.7	4.8	7.2#



#24
 1,1-Dichloroethane
 Concen: 0.527 ppbv
 RT: 2.421 min Scan# 721
 Delta R.T. 0.003 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36

Tgt Ion: 63	Resp: 8022
Ion Ratio	Lower Upper
63 100	
98 9.3	2.6 7.8#
100 3.8	1.4 4.2

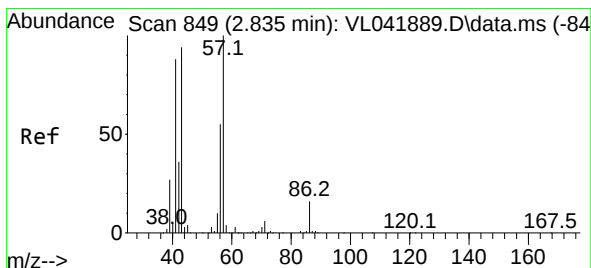
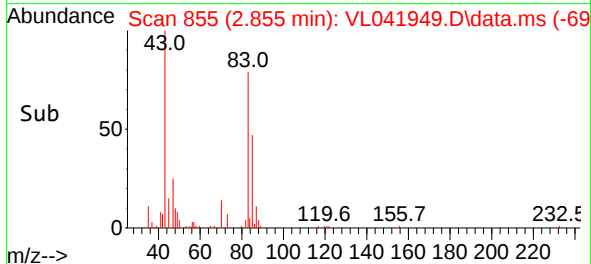
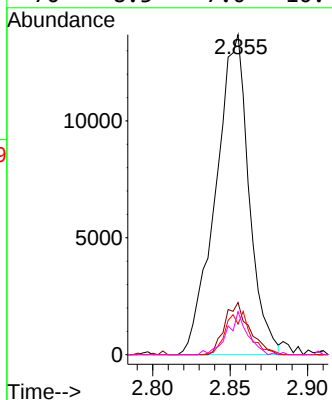
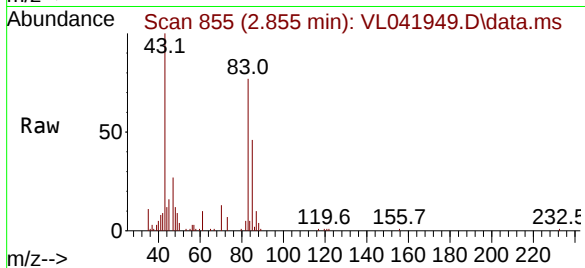




#25
Ethyl Acetate
Concen: 0.453 ppbv
RT: 2.855 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

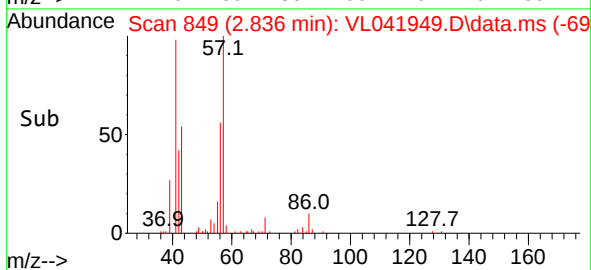
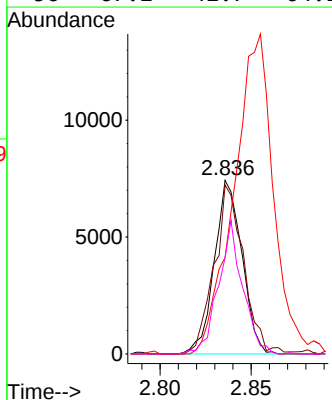
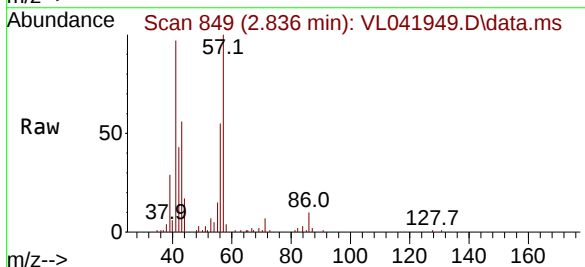
Instrument :
MSVOA_L
ClientSampleId :

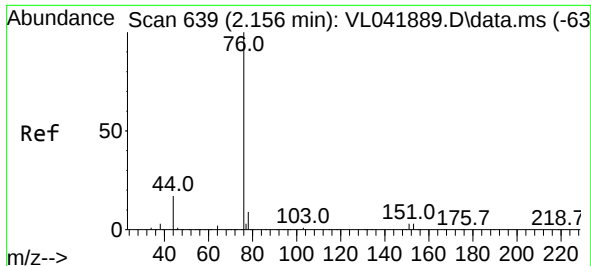
Tgt Ion: 43	Resp: 20458
Ion Ratio	Lower Upper
43 100	
45 12.0	8.2 12.2
61 9.8	7.4 11.0
70 8.3	7.0 10.4



#26
Hexane
Concen: 0.438 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

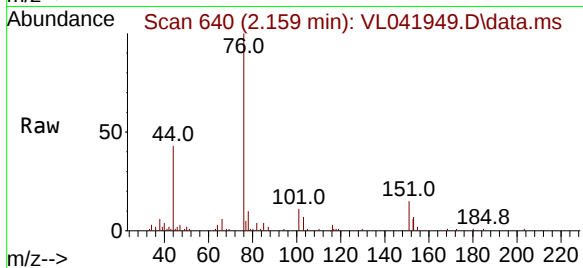
Tgt	Ion: 57	Resp:	7821
Ion	Ratio	Lower	Upper
57	100		
41	104.8	73.8	110.8
43	268.9	197.3	295.9
56	67.2	42.7	64.1#



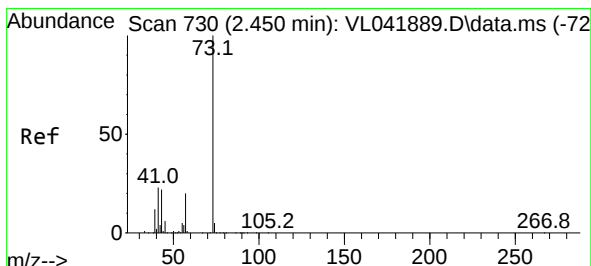
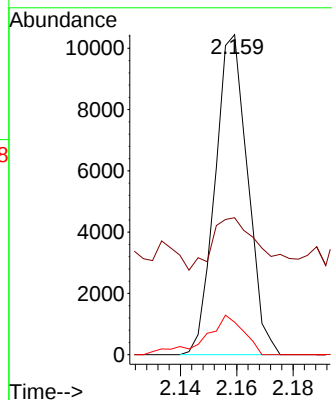
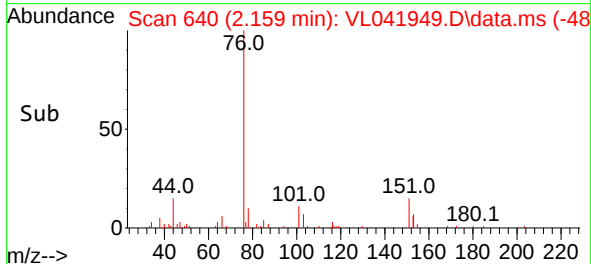


#27
Carbon Disulfide
Concen: 0.474 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.003 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Instrument :
MSVOA_L
ClientSampleId :

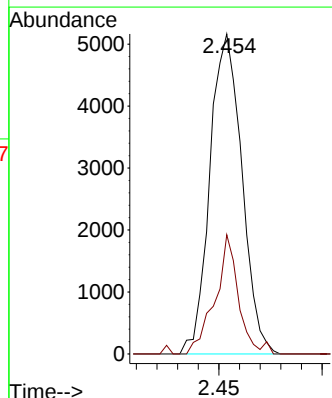
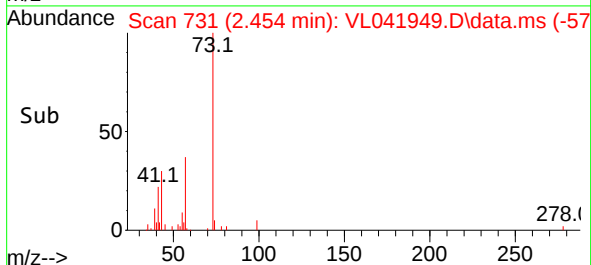
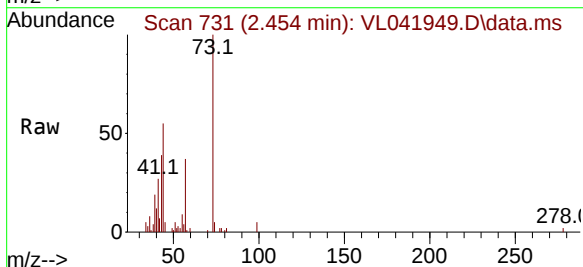


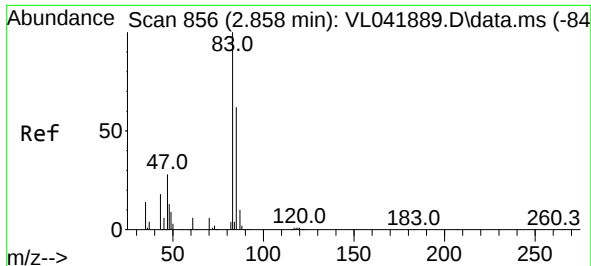
Tgt Ion: 76 Resp: 8379
Ion Ratio Lower Upper
76 100
44 81.4 15.4 23.0#
78 14.3 9.3 13.9#



#28
Methyl tert-Butyl Ether
Concen: 0.407 ppbv
RT: 2.454 min Scan# 731
Delta R.T. 0.003 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion: 73 Resp: 5555
Ion Ratio Lower Upper
73 100
57 27.8 18.1 27.1#





#29

Chloroform

Concen: 0.513 ppbv

RT: 2.858 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Instrument :

MSVOA_L

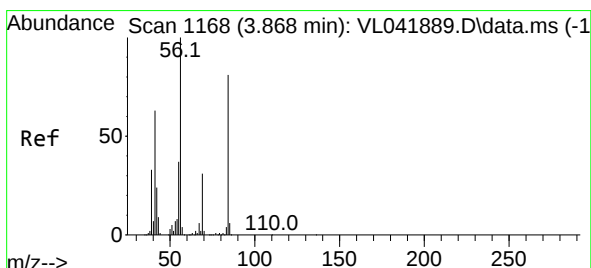
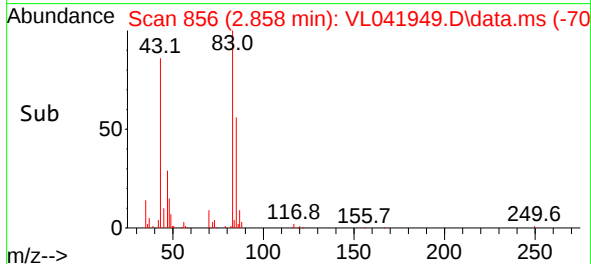
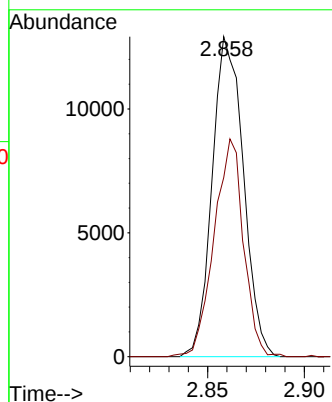
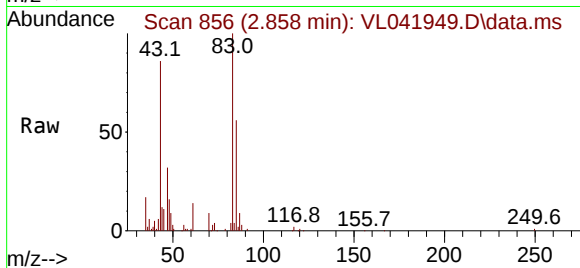
ClientSampleId :

Tgt Ion: 83 Resp: 14487

Ion Ratio Lower Upper

83 100

85 55.2 50.1 75.1



#30

Cyclohexane

Concen: 0.398 ppbv

RT: 3.875 min Scan# 1170

Delta R.T. 0.007 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

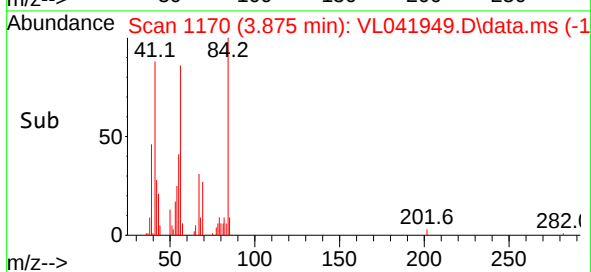
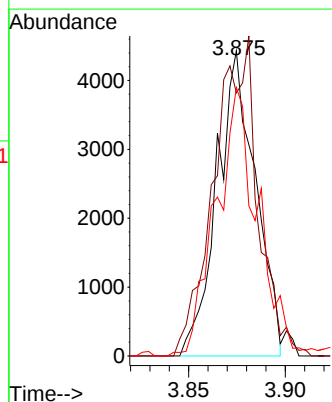
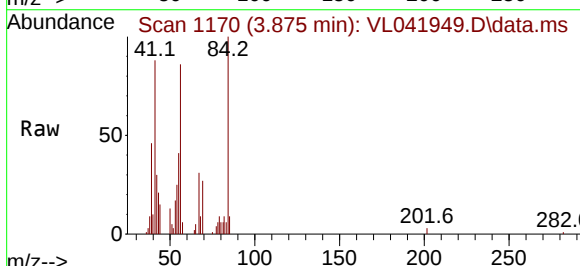
Tgt Ion: 84 Resp: 6160

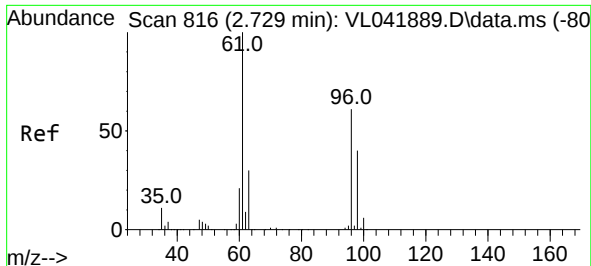
Ion Ratio Lower Upper

84 100

56 117.2 99.3 148.9

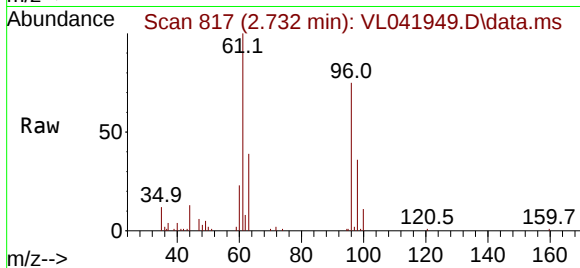
41 97.3 64.3 96.5#



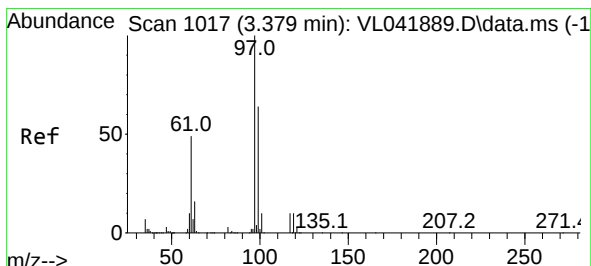
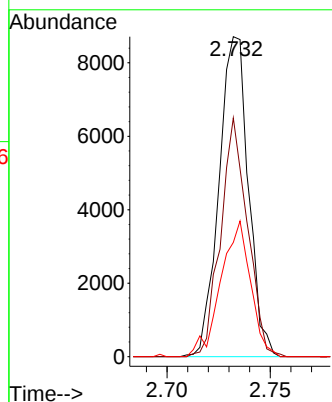
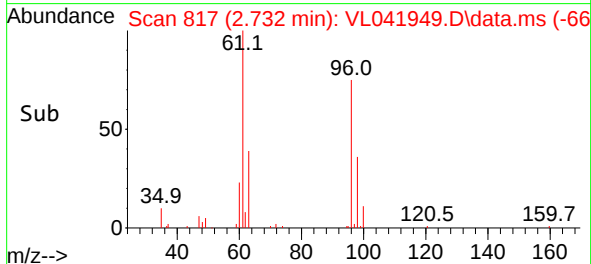


#31
 cis-1,2-Dichloroethene
 Concen: 0.460 ppbv
 RT: 2.732 min Scan# 816
 Delta R.T. 0.003 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36

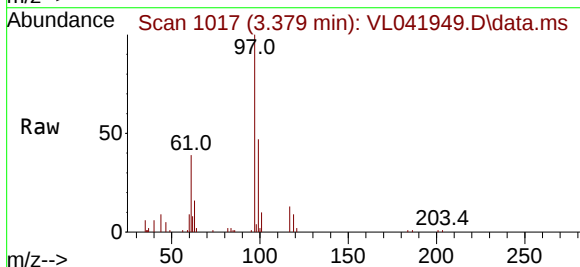
Instrument :
 MSVOA_L
 ClientSampleId :



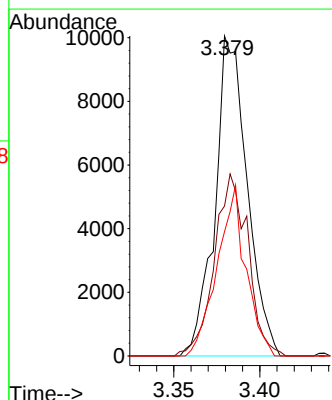
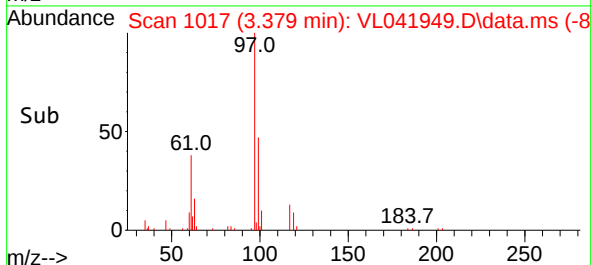
Tgt Ion: 61 Resp: 8643
 Ion Ratio Lower Upper
 61 100
 96 74.6 48.7 73.1#
 98 35.7 31.6 47.4

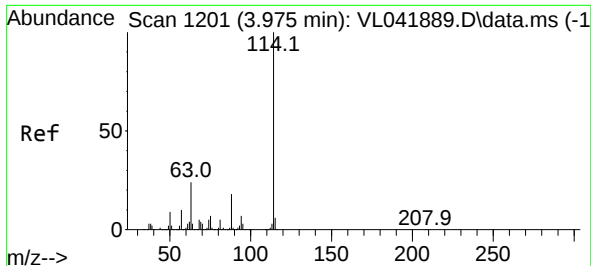


#32
 1,1,1-Trichloroethane
 Concen: 0.485 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. 0.000 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36



Tgt Ion: 97 Resp: 13112
 Ion Ratio Lower Upper
 97 100
 99 58.9 51.1 76.7
 61 47.4 39.0 58.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Instrument :

MSVOA_L

ClientSampleId :

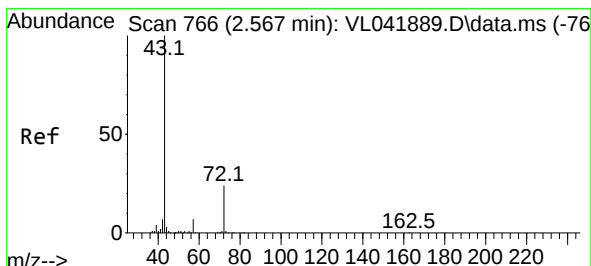
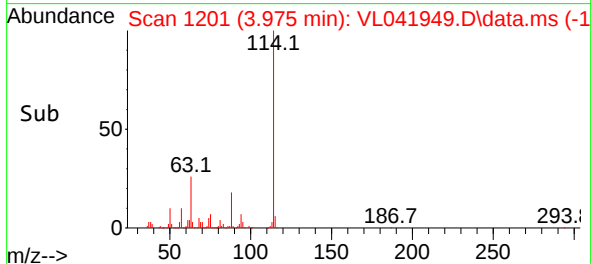
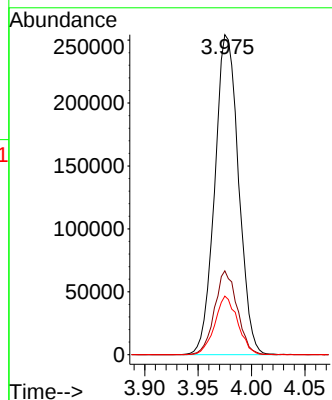
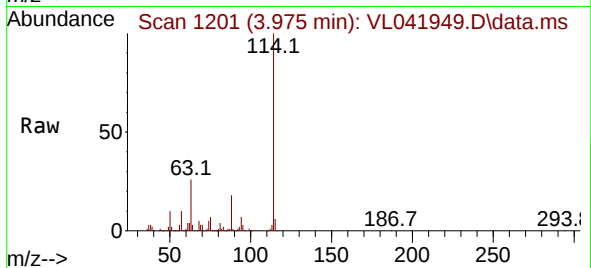
Tgt Ion:114 Resp: 394229

Ion Ratio Lower Upper

114 100

63 25.0 19.8 29.6

88 17.6 14.4 21.6



#34

2-Butanone

Concen: 0.565 ppbv

RT: 2.574 min Scan# 768

Delta R.T. 0.007 min

Lab File: VL041949.D

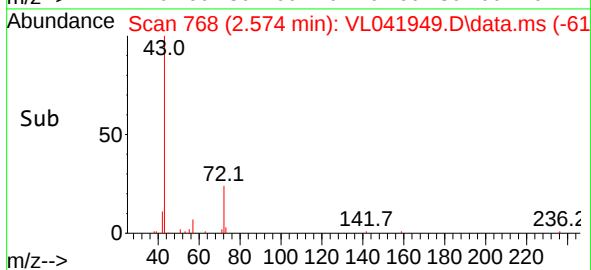
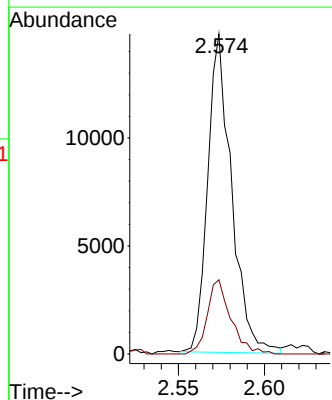
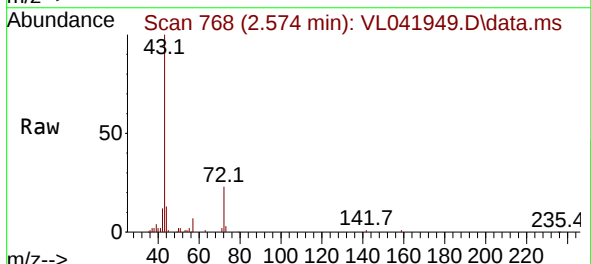
Acq: 27 Jan 2025 13:36

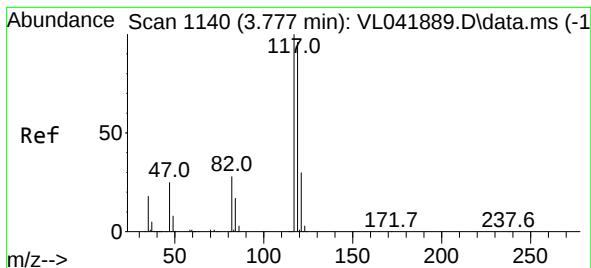
Tgt Ion: 43 Resp: 14175

Ion Ratio Lower Upper

43 100

72 23.0 18.6 28.0





#35

Carbon Tetrachloride

Concen: 0.506 ppbv

RT: 3.781 min Scan# 1141

Delta R.T. 0.003 min

Lab File: VL041949.D

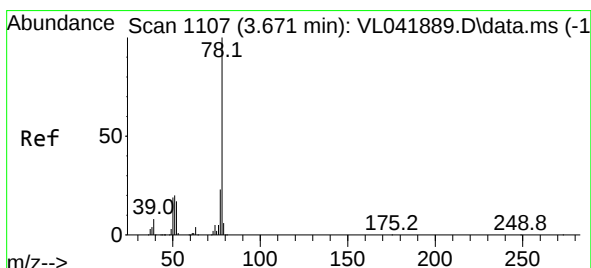
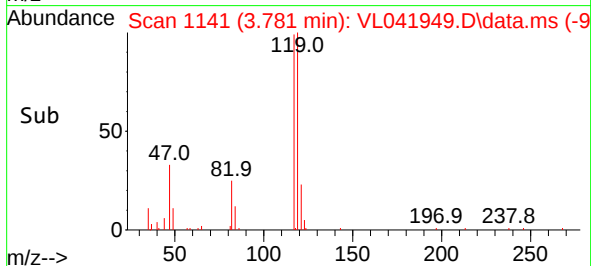
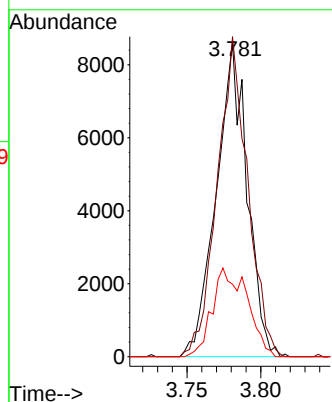
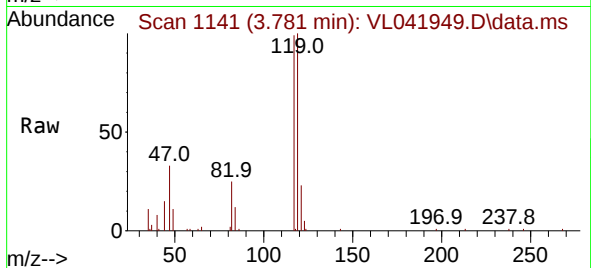
Acq: 27 Jan 2025 13:36

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:117	Resp:	12541
Ion	Ratio	Lower Upper
117	100	
119	101.4	76.9 115.3
121	23.0	23.8 35.6#



#36

Benzene

Concen: 0.307 ppbv

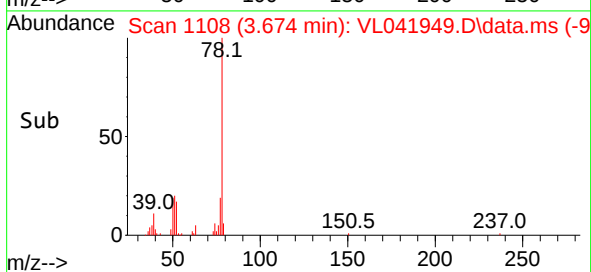
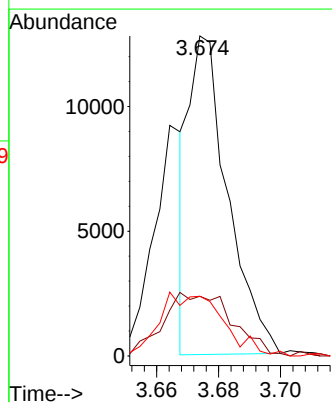
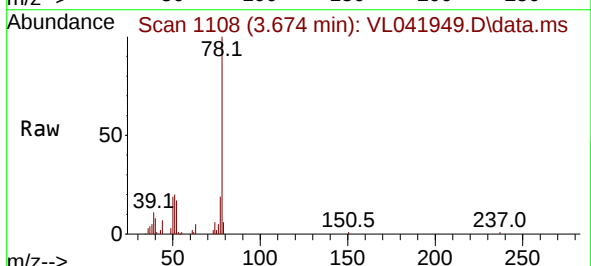
RT: 3.674 min Scan# 1108

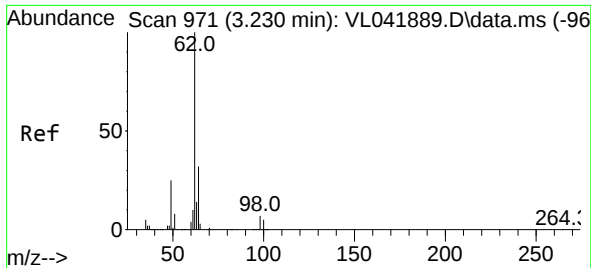
Delta R.T. 0.003 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Tgt Ion: 78	Resp:	11118
Ion	Ratio	Lower Upper
78	100	
77	18.0	18.1 27.1#
50	17.3	15.2 22.8

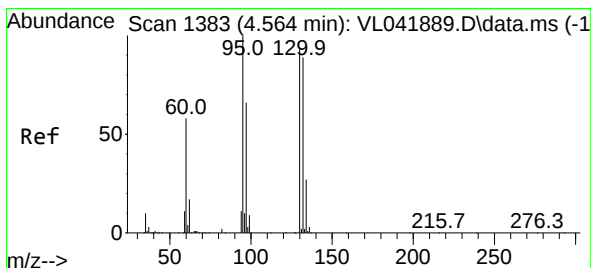
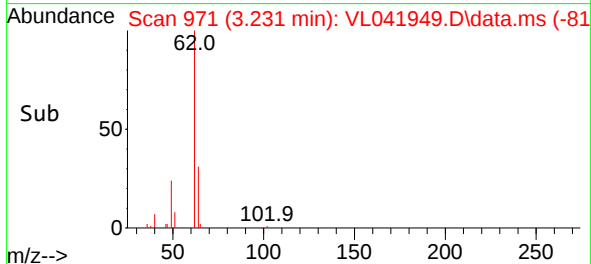
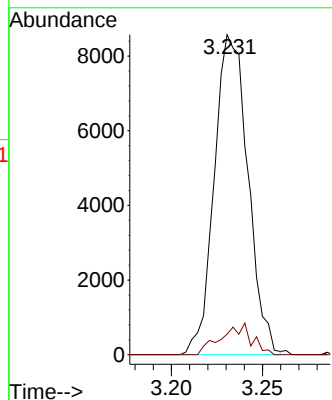
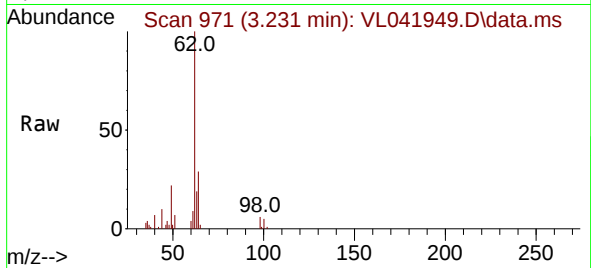




#37
1,2-Dichloroethane
Concen: 0.542 ppbv
RT: 3.231 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

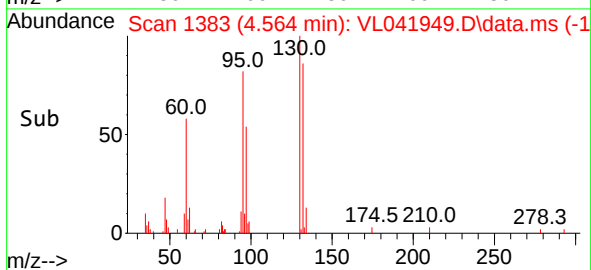
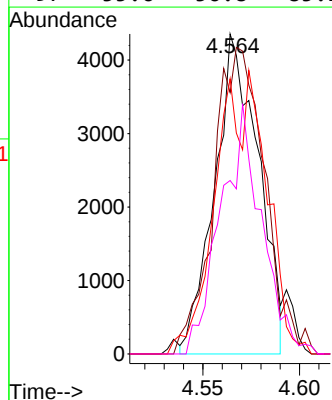
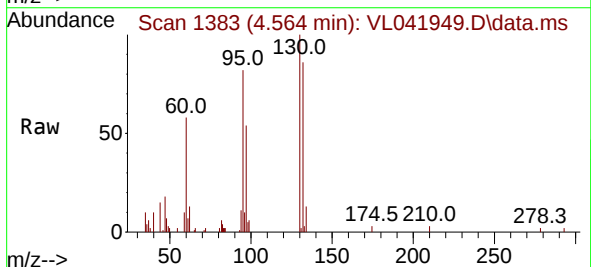
Instrument :
MSVOA_L
ClientSampleId :

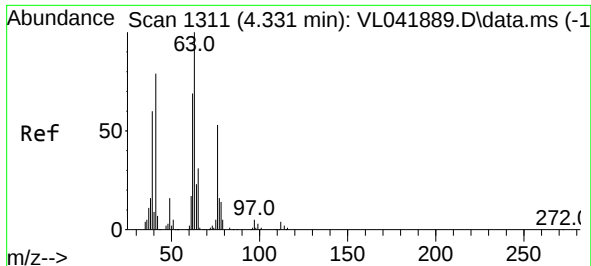
Tgt Ion: 62 Resp: 11011
Ion Ratio Lower Upper
62 100
98 8.8 5.4 8.0#



#38
Trichloroethene
Concen: 0.477 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion:130 Resp: 6848
Ion Ratio Lower Upper
130 100
95 77.7 85.8 128.8#
132 82.3 76.5 114.7
97 55.6 56.8 85.2#





#39

1,2-Dichloropropane

Concen: 0.538 ppbv

RT: 4.337 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Instrument :

MSVOA_L

ClientSampleId :

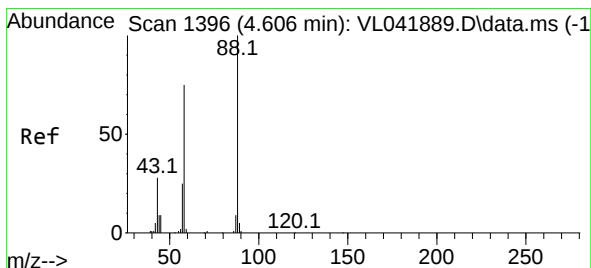
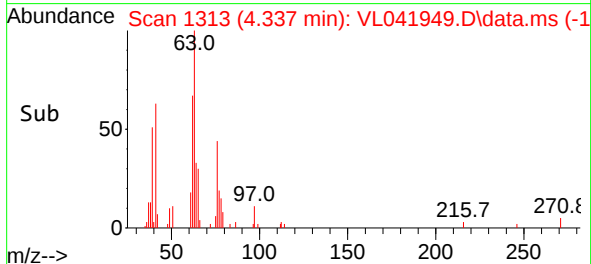
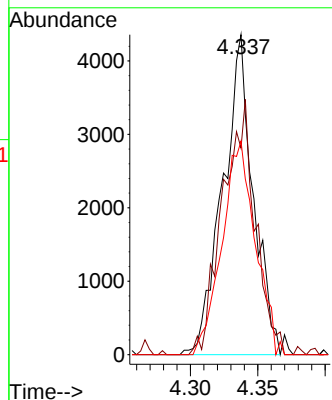
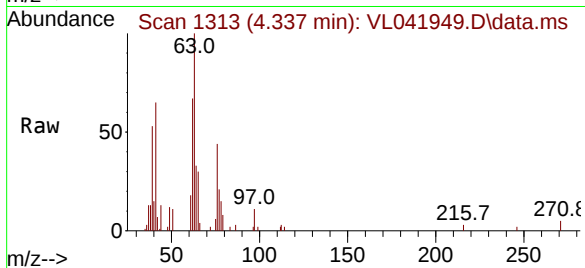
Tgt Ion: 63 Resp: 6825

Ion Ratio Lower Upper

63 100

41 64.6 63.7 95.5

62 66.7 55.4 83.2



#40

1,4-Dioxane

Concen: 0.139 ppbv

RT: 4.622 min Scan# 1401

Delta R.T. 0.016 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Tgt Ion: 88 Resp: 888

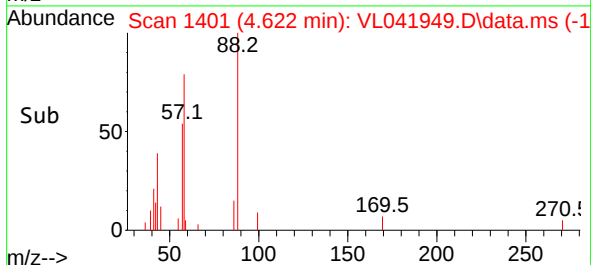
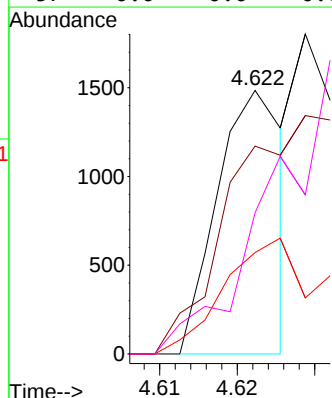
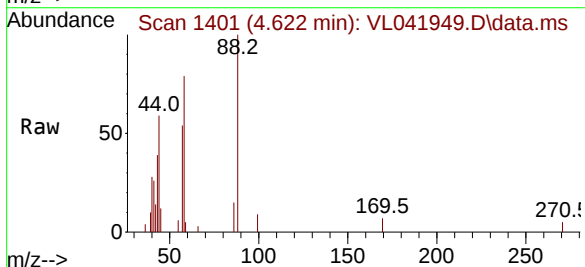
Ion Ratio Lower Upper

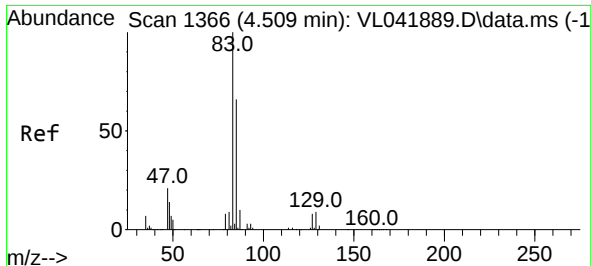
88 100

58 0.0 62.1 93.1#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

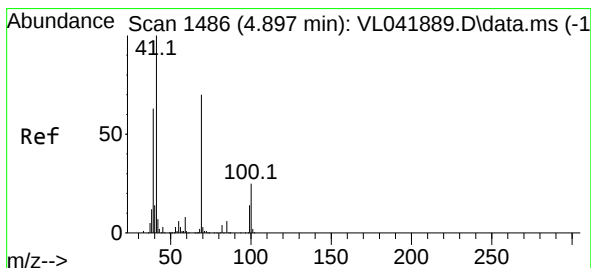
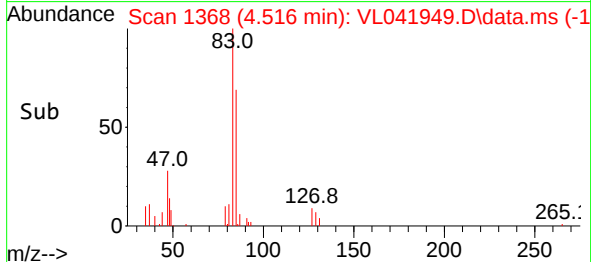
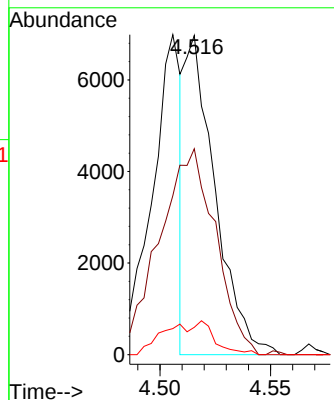
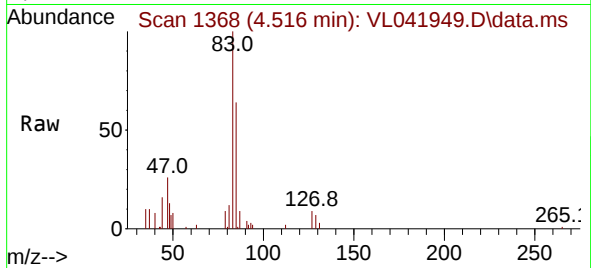




#42
Bromodichloromethane
Concen: 0.243 ppbv
RT: 4.516 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

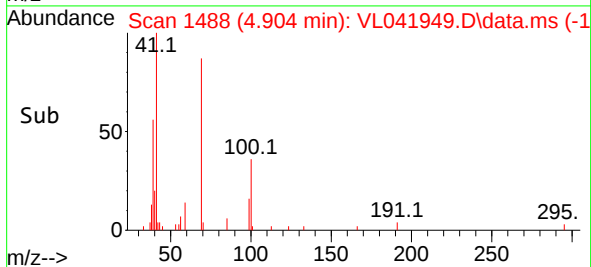
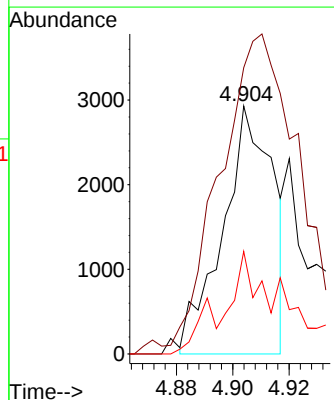
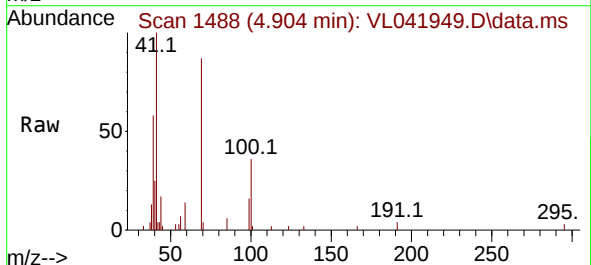
Instrument :
MSVOA_L
ClientSampleId :

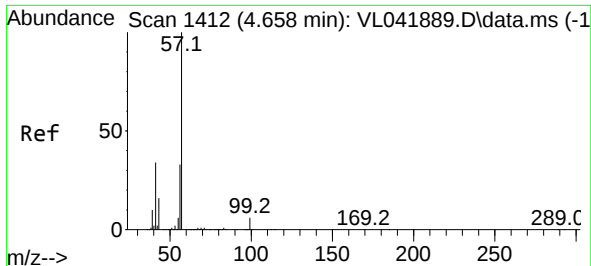
Tgt Ion: 83 Resp: 6603
Ion Ratio Lower Upper
83 100
85 63.7 52.6 78.8
127 8.6 6.4 9.6



#43
Methyl Methacrylate
Concen: 0.269 ppbv
RT: 4.904 min Scan# 1488
Delta R.T. 0.007 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion: 69 Resp: 3615
Ion Ratio Lower Upper
69 100
41 211.6 118.6 177.8#
100 49.7 29.3 43.9#





#44

2,2,4-Trimethylpentane

Concen: 0.430 ppbv

RT: 4.664 min Scan# 1412

Delta R.T. 0.007 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Instrument :

MSVOA_L

ClientSampleId :

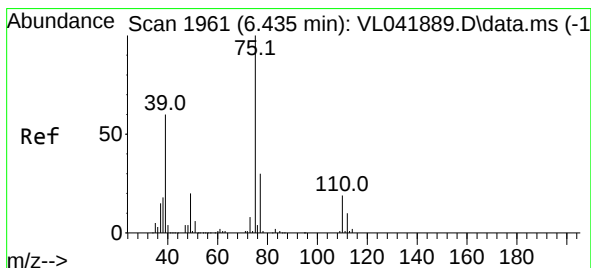
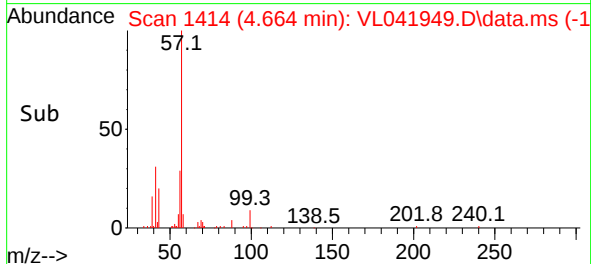
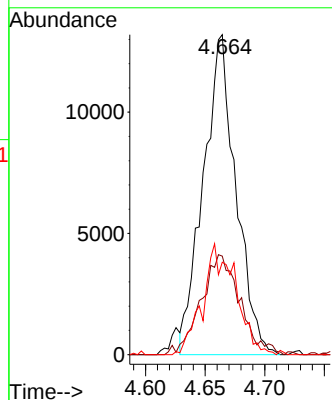
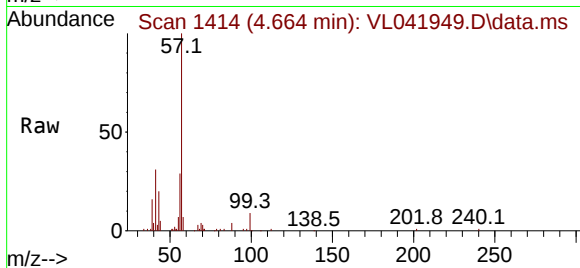
Tgt Ion: 57 Resp: 25175

Ion Ratio Lower Upper

57 100

41 37.3 26.6 40.0

56 35.2 25.4 38.2



#45

t-1,3-Dichloropropene

Concen: 0.126 ppbv

RT: 6.451 min Scan# 1966

Delta R.T. 0.016 min

Lab File: VL041949.D

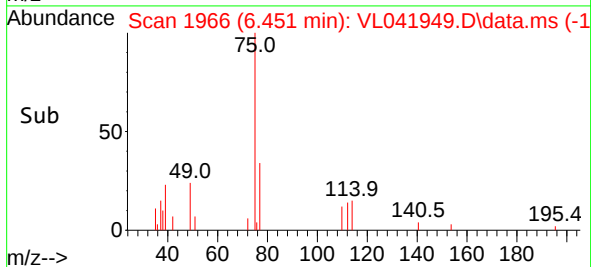
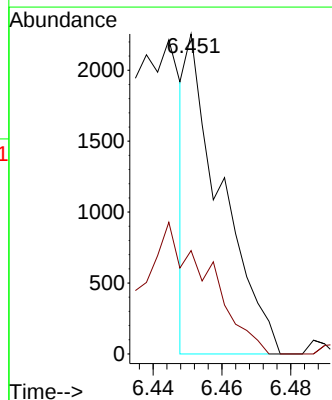
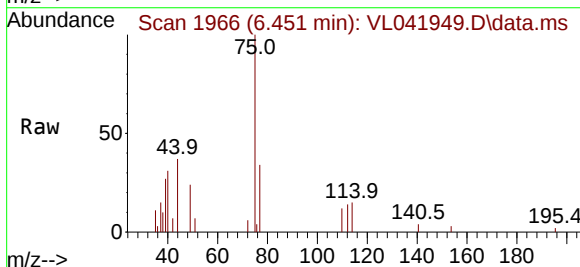
Acq: 27 Jan 2025 13:36

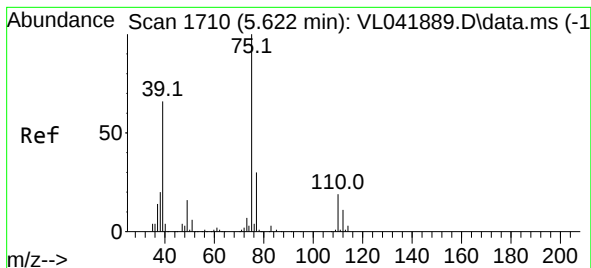
Tgt Ion: 75 Resp: 1590

Ion Ratio Lower Upper

75 100

77 32.3 24.3 36.5





#46

cis-1,3-Dichloropropene

Concen: 0.217 ppbv

RT: 5.626 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Instrument :

MSVOA_L

ClientSampleId :

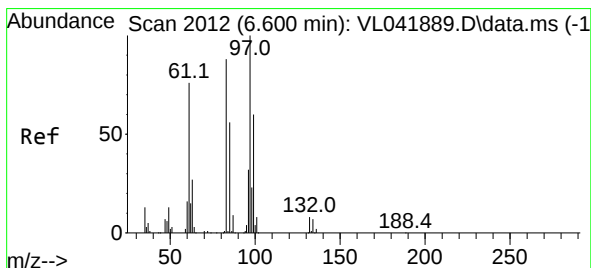
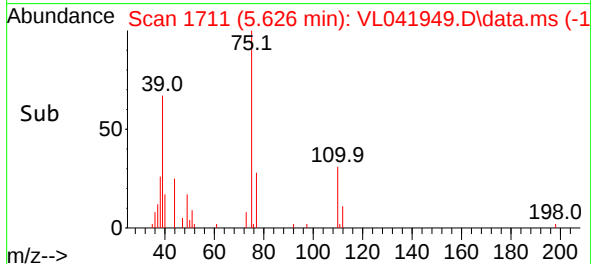
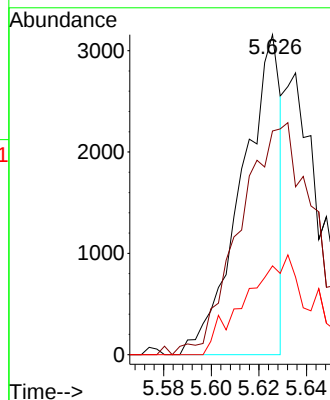
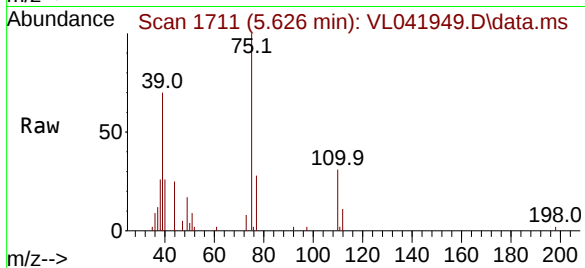
Tgt Ion: 75 Resp: 3589

Ion Ratio Lower Upper

75 100

39 67.3 53.1 79.7

77 27.8 23.8 35.8



#47

1,1,2-Trichloroethane

Concen: 0.182 ppbv

RT: 6.610 min Scan# 2015

Delta R.T. 0.010 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Tgt Ion: 97 Resp: 2445

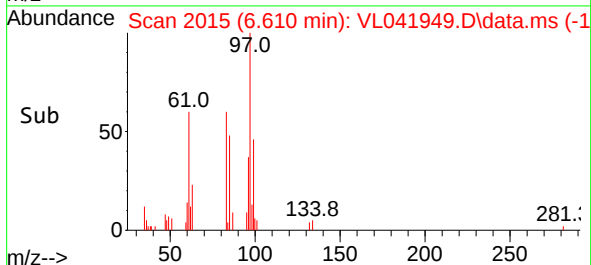
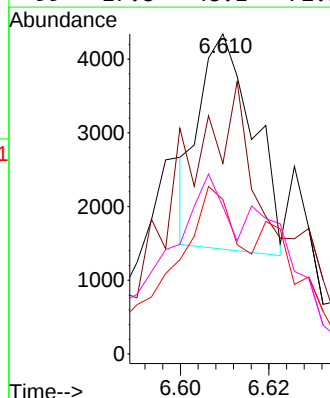
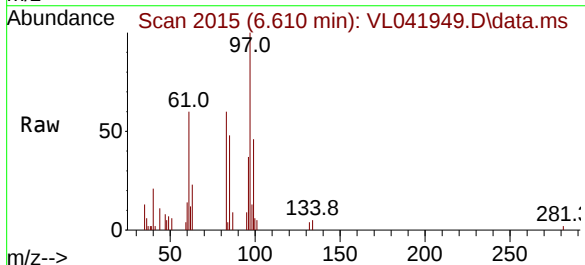
Ion Ratio Lower Upper

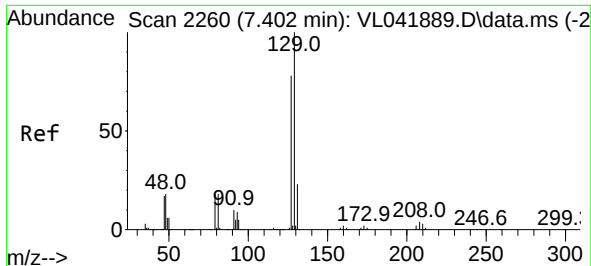
97 100

83 35.5 70.4 105.6#

85 28.5 45.0 67.4#

99 17.8 48.1 72.1#

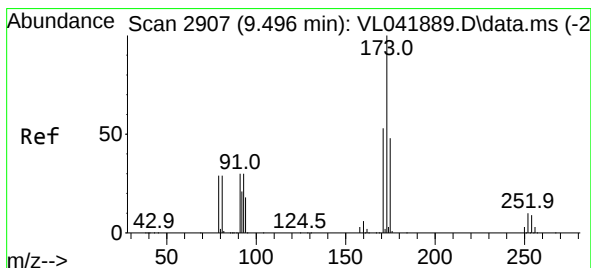
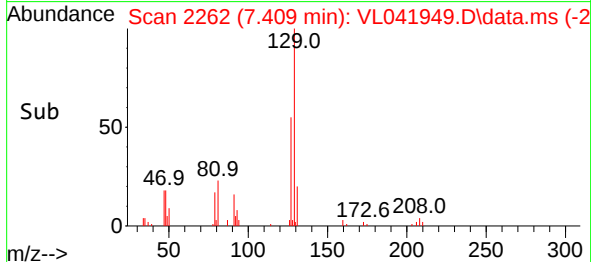
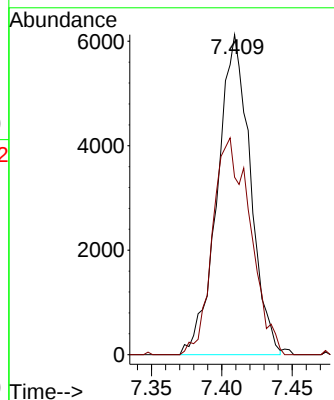
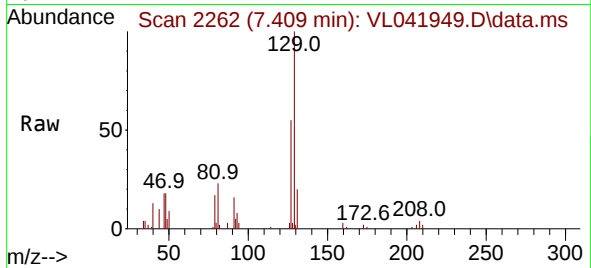




#48
 Dibromochloromethane
 Concen: 0.480 ppbv
 RT: 7.409 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36

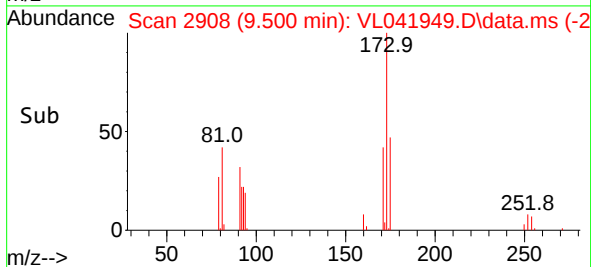
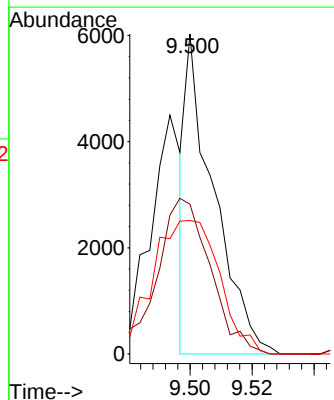
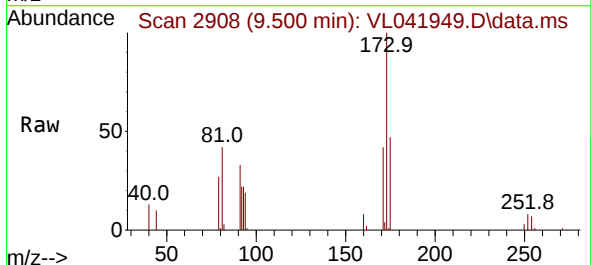
Instrument :
 MSVOA_L
 ClientSampleId :

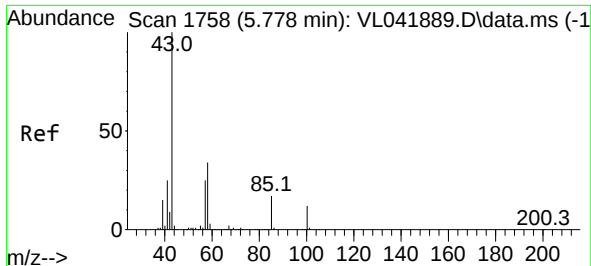
Tgt Ion:129 Resp: 9946
 Ion Ratio Lower Upper
 129 100
 127 77.4 39.3 117.8



#49
 Bromoform
 Concen: 0.222 ppbv
 RT: 9.500 min Scan# 2908
 Delta R.T. 0.003 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36

Tgt Ion:173 Resp: 3781
 Ion Ratio Lower Upper
 173 100
 175 94.2 38.4 57.6#
 171 102.3 41.4 62.2#

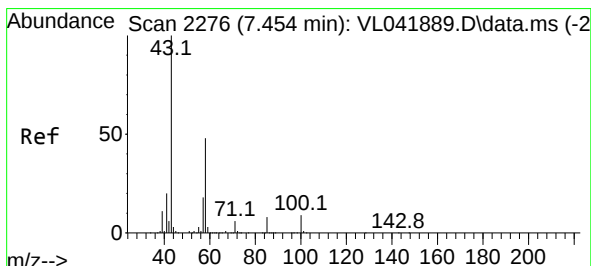
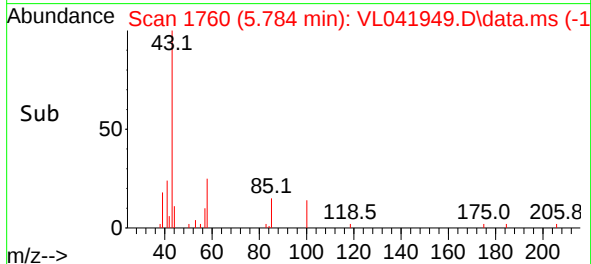
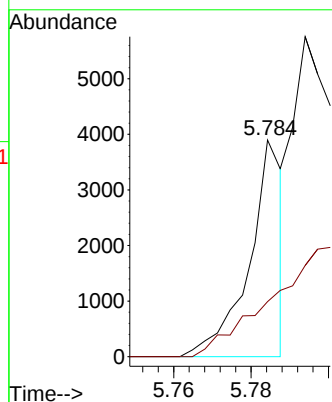
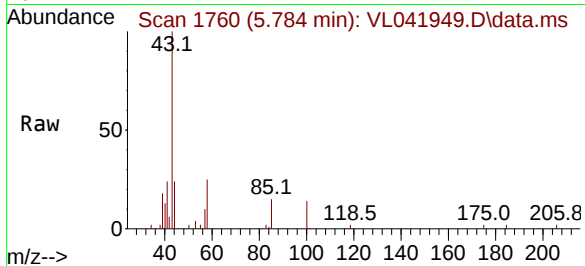




#50
4-Methyl-2-Pentanone
Concen: 0.069 ppbv
RT: 5.784 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

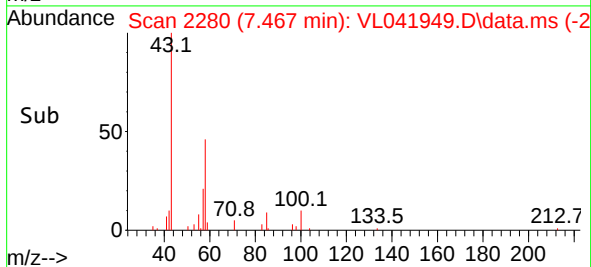
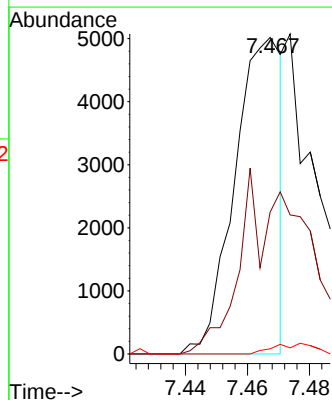
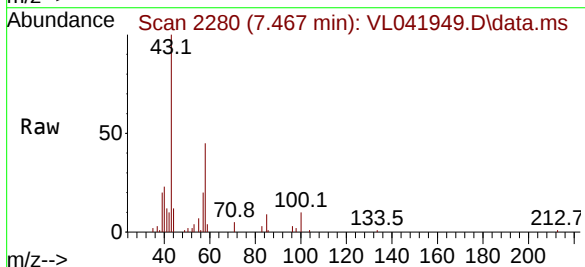
Instrument :
MSVOA_L
ClientSampleId :

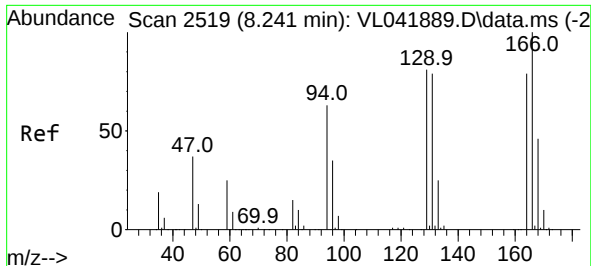
Tgt Ion: 43 Resp: 2351
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#



#51
2-Hexanone
Concen: 0.201 ppbv
RT: 7.467 min Scan# 2280
Delta R.T. 0.013 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

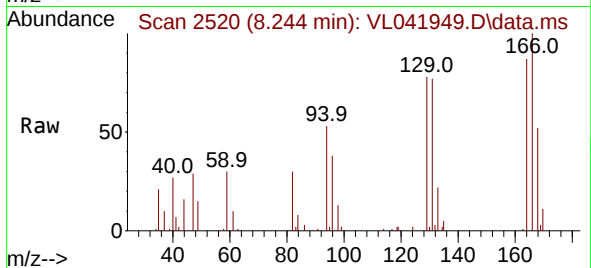
Tgt Ion: 43 Resp: 5289
Ion Ratio Lower Upper
43 100
58 89.7 40.4 60.6#
98 0.7 0.2 0.2#



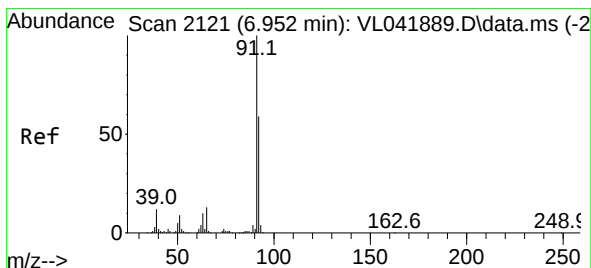
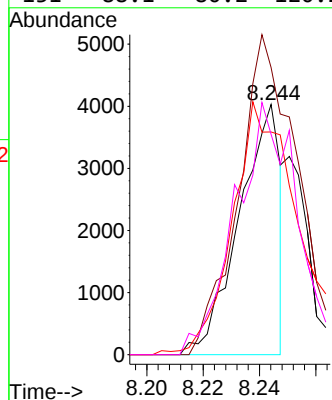
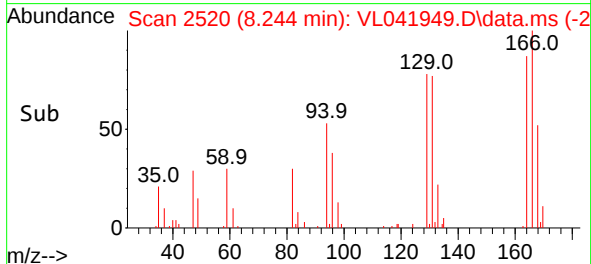


#52
Tetrachloroethene
Concen: 0.325 ppbv
RT: 8.244 min Scan# 2120
Delta R.T. 0.003 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Instrument :
MSVOA_L
ClientSampleId :

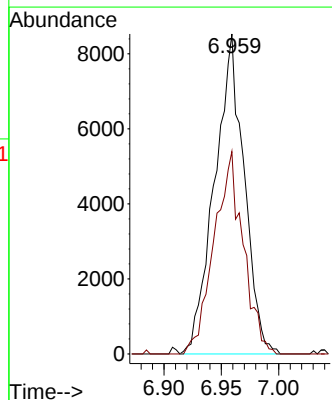
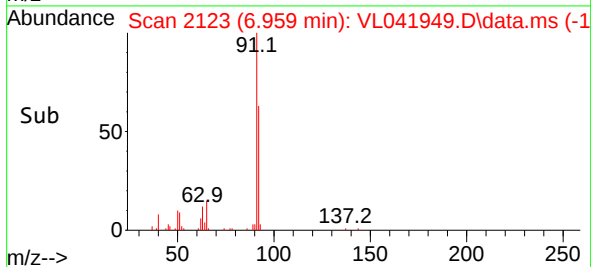
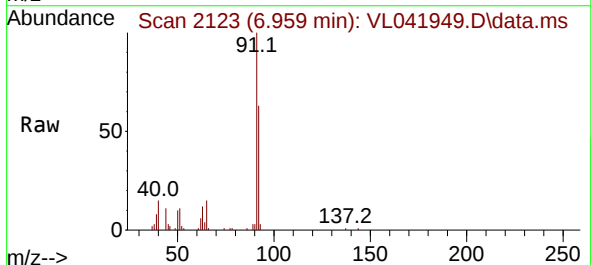


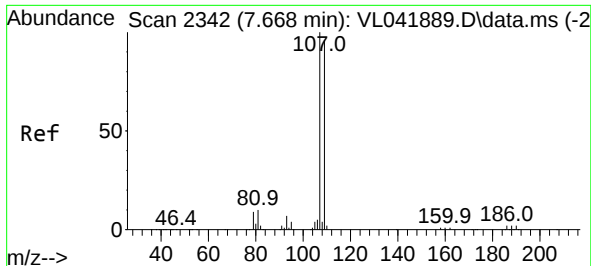
Tgt Ion:164 Resp: 4069
Ion Ratio Lower Upper
164 100
166 114.8 100.8 151.2
129 87.4 82.0 123.0
131 88.1 80.2 120.2



#53
Toluene
Concen: 0.387 ppbv
RT: 6.959 min Scan# 2123
Delta R.T. 0.007 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion: 91 Resp: 15247
Ion Ratio Lower Upper
91 100
92 62.6 47.4 71.0

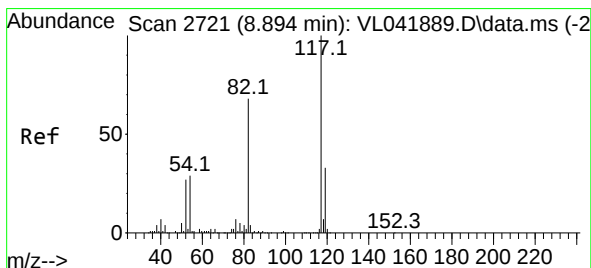
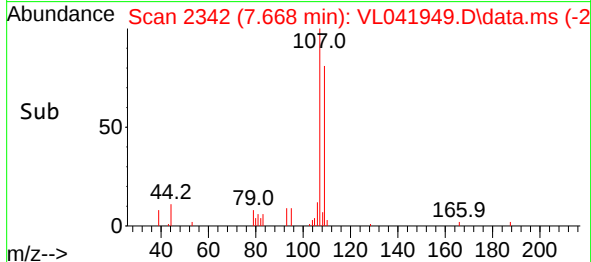
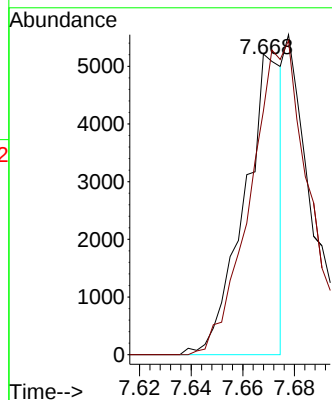
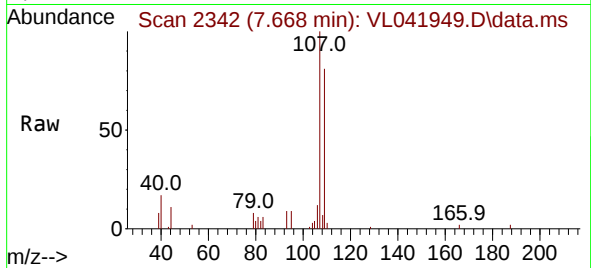




#54
 1,2-Dibromoethane
 Concen: 0.284 ppbv
 RT: 7.668 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36

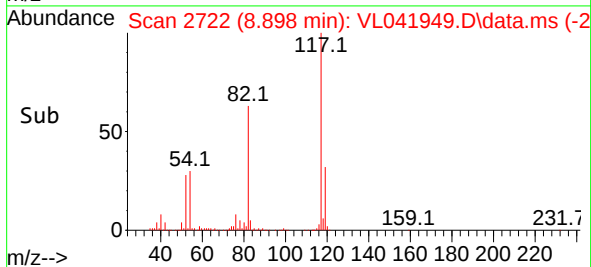
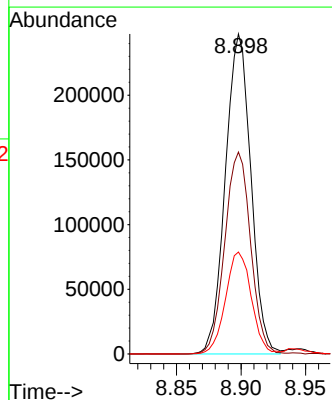
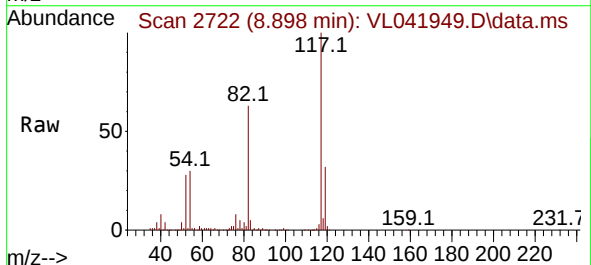
Instrument :
 MSVOA_L
 ClientSampleId :

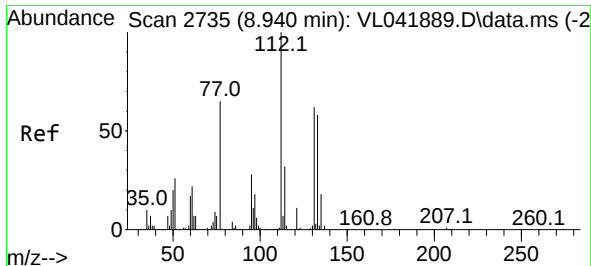
Tgt Ion:107 Resp: 5243
 Ion Ratio Lower Upper
 107 100
 109 81.1 76.7 115.1



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.898 min Scan# 2722
 Delta R.T. 0.003 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36

Tgt Ion:117 Resp: 340733
 Ion Ratio Lower Upper
 117 100
 82 63.9 54.2 81.4
 119 33.7 25.0 37.6

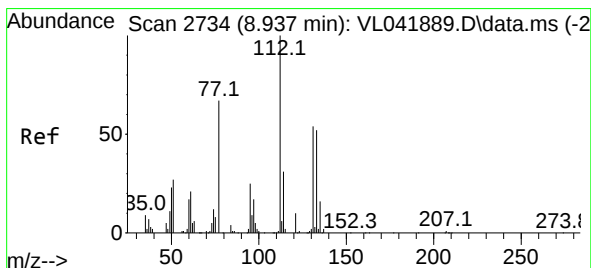
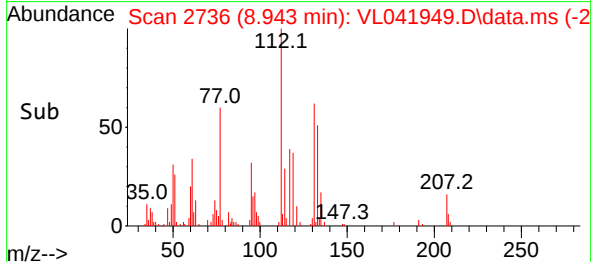
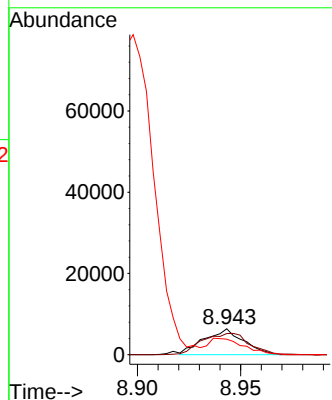
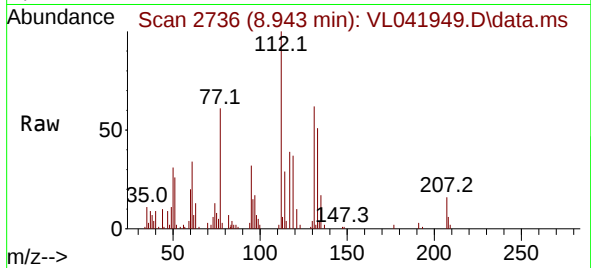




#56
1,1,1,2-Tetrachloroethane
Concen: 0.494 ppbv
RT: 8.943 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

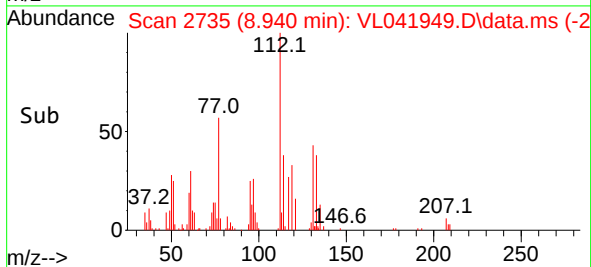
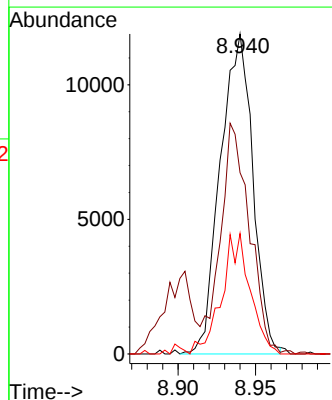
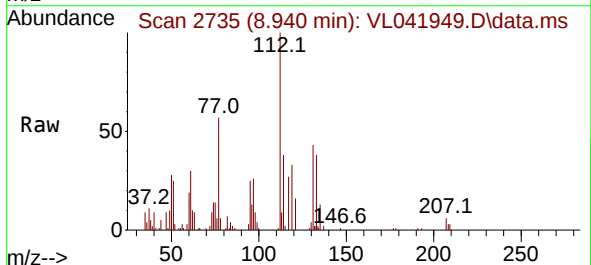
Instrument :
MSVOA_L
ClientSampleId :

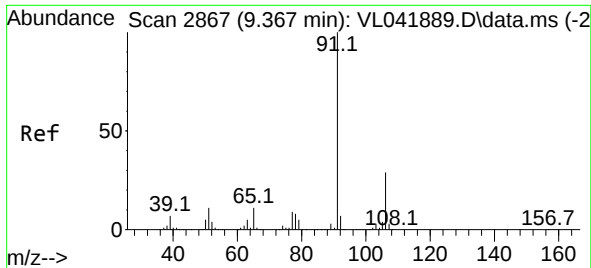
Tgt Ion:131 Resp: 8391
Ion Ratio Lower Upper
131 100
133 100.0 76.0 114.0
119 0.0 49.7 74.5#



#57
Chlorobenzene
Concen: 0.551 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. 0.003 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion:112 Resp: 17331
Ion Ratio Lower Upper
112 100
77 57.2 54.6 82.0
114 38.3 28.2 34.4#

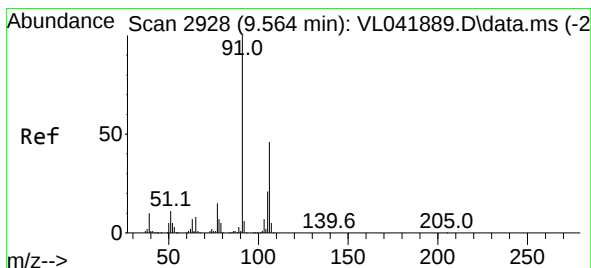
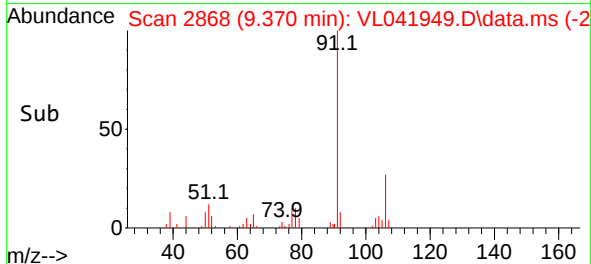
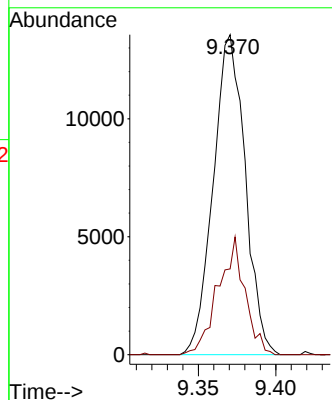
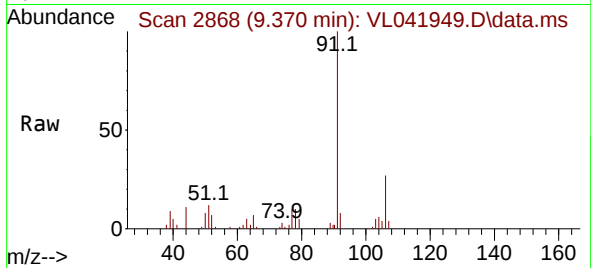




#58
Ethyl Benzene
Concen: 0.365 ppbv
RT: 9.370 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

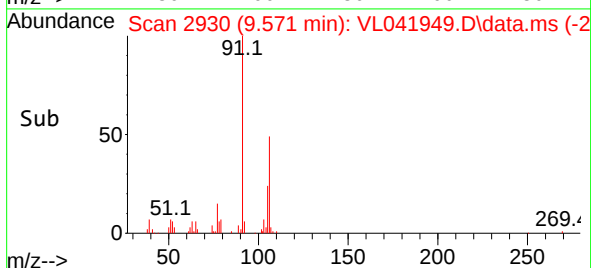
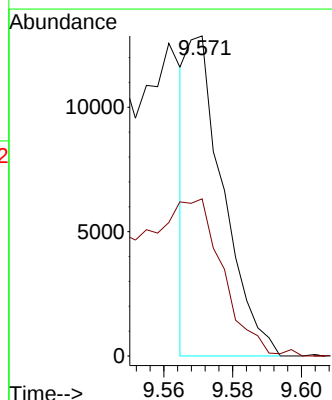
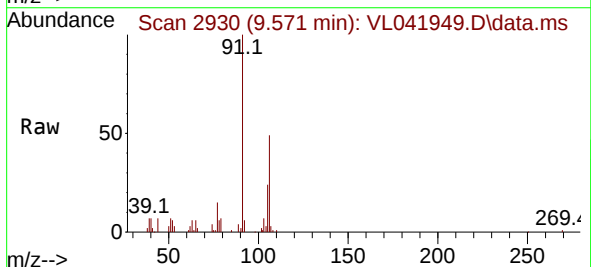
Instrument :
MSVOA_L
ClientSampleId :

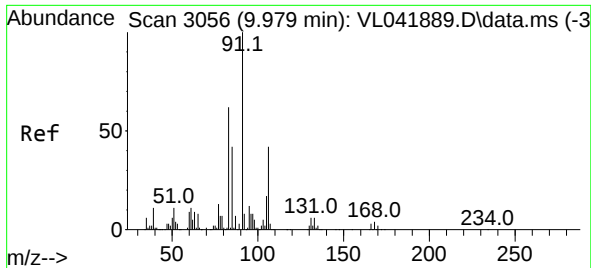
Tgt Ion: 91 Resp: 19424
Ion Ratio Lower Upper
91 100
106 26.8 23.1 34.7



#59
m/p-Xylene
Concen: 0.221 ppbv
RT: 9.571 min Scan# 2930
Delta R.T. 0.007 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion: 91 Resp: 9423
Ion Ratio Lower Upper
91 100
106 155.0 36.0 54.0#

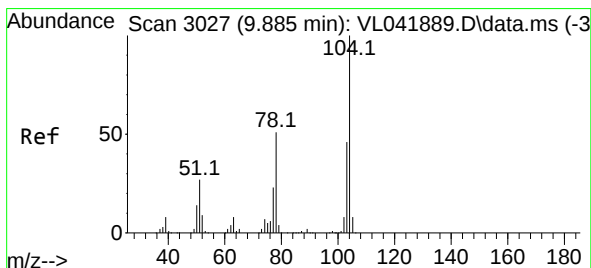
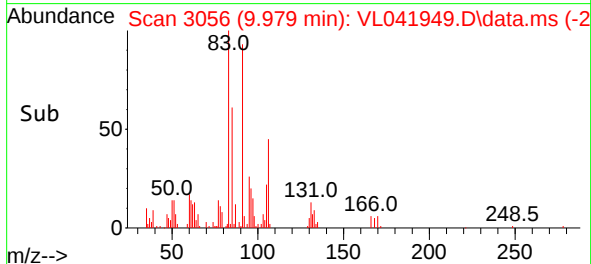
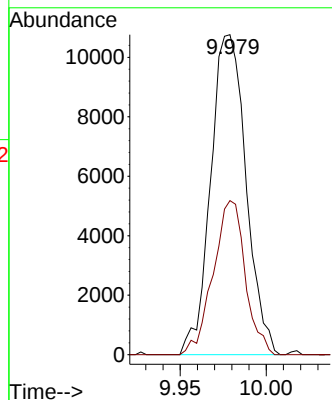
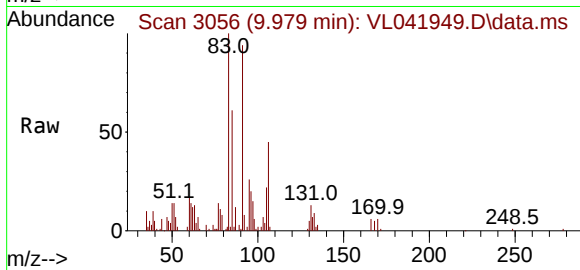




#60
o-Xylene
Concen: 0.363 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

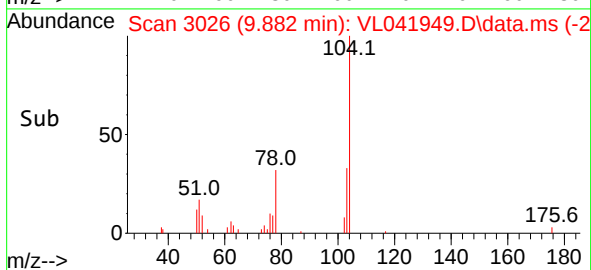
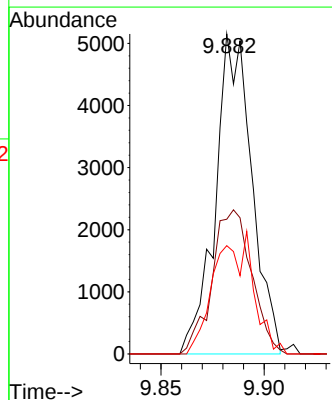
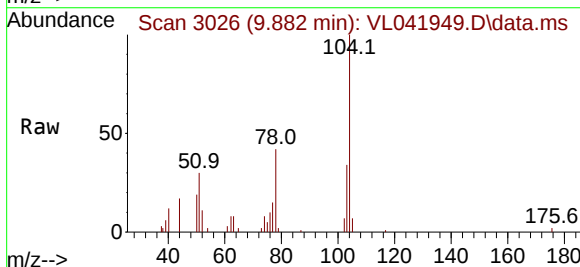
Instrument :
MSVOA_L
ClientSampleId :

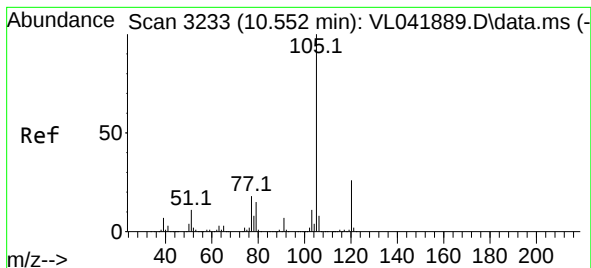
Tgt Ion: 91 Resp: 15387
Ion Ratio Lower Upper
91 100
106 43.6 21.3 63.9



#61
Styrene
Concen: 0.333 ppbv
RT: 9.882 min Scan# 3026
Delta R.T. -0.003 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion: 104 Resp: 6327
Ion Ratio Lower Upper
104 100
78 48.8 41.0 61.6
103 40.1 37.2 55.8





#62

Isopropylbenzene

Concen: 0.399 ppbv

RT: 10.552 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Instrument :

MSVOA_L

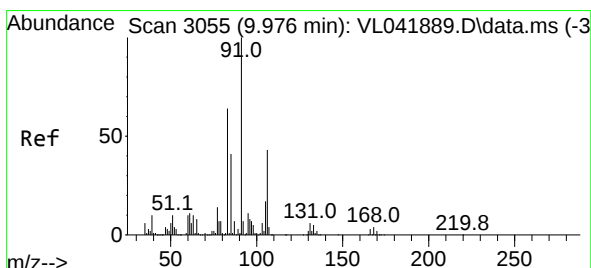
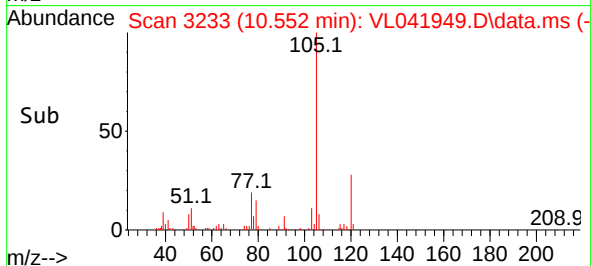
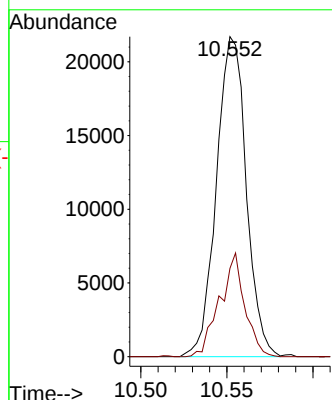
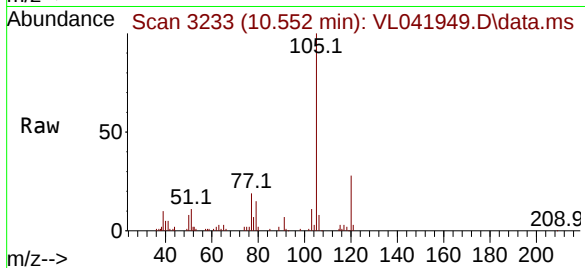
ClientSampleId :

Tgt Ion:105 Resp: 26180

Ion Ratio Lower Upper

105 100

120 27.4 20.3 30.5



#63

1,1,2,2-Tetrachloroethane

Concen: 0.554 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. 0.000 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

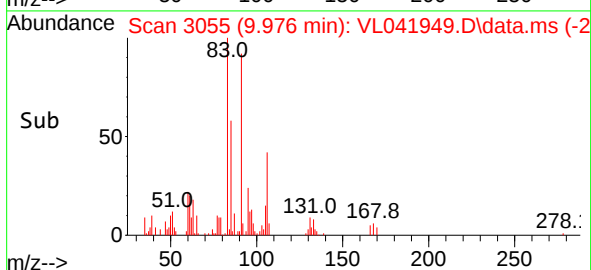
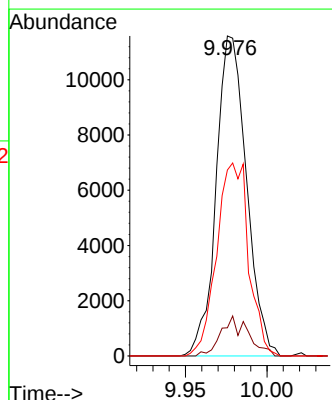
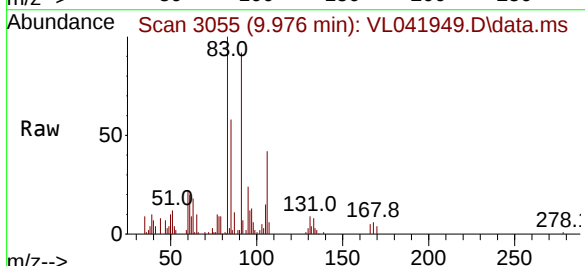
Tgt Ion: 83 Resp: 14997

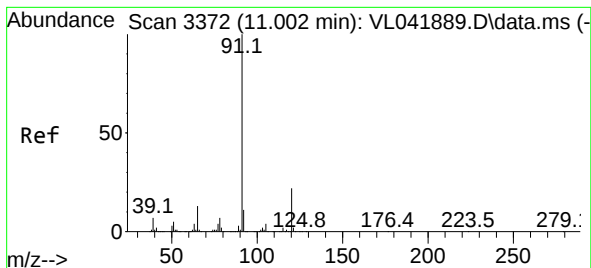
Ion Ratio Lower Upper

83 100

131 11.2 4.8 14.4

85 63.4 32.4 97.2





#64

n-propylbenzene

Concen: 0.371 ppbv

RT: 11.002 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Instrument :

MSVOA_L

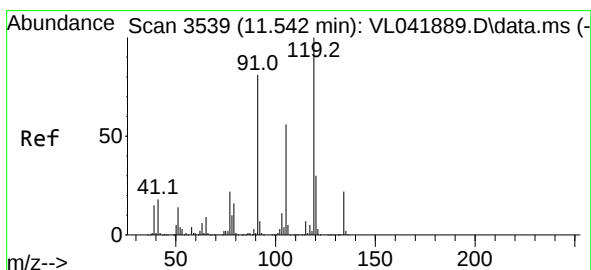
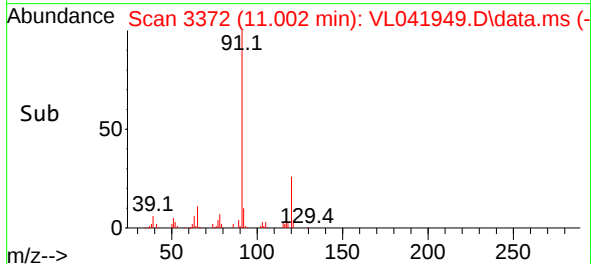
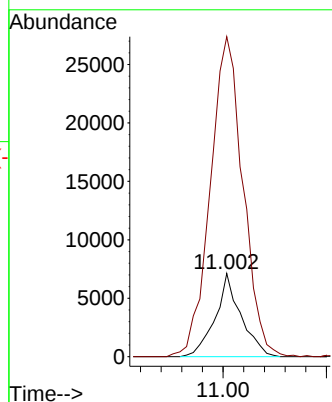
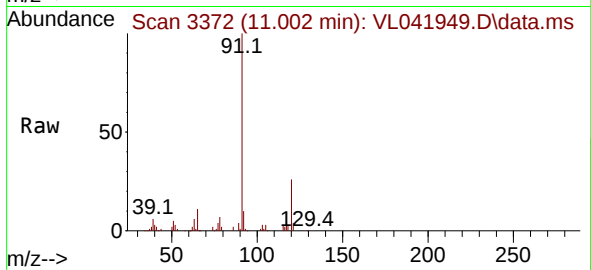
ClientSampleId :

Tgt Ion:120 Resp: 6152

Ion Ratio Lower Upper

120 100

91 489.6 374.1 561.1



#65

tert-Butylbenzene

Concen: 0.358 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.003 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

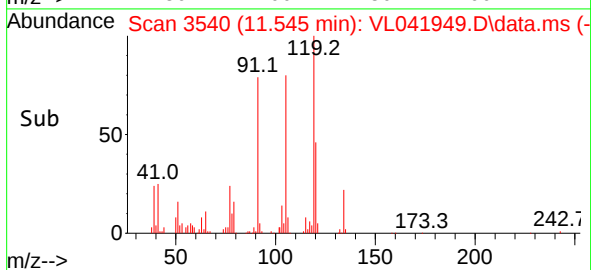
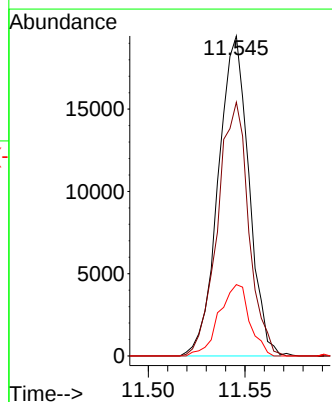
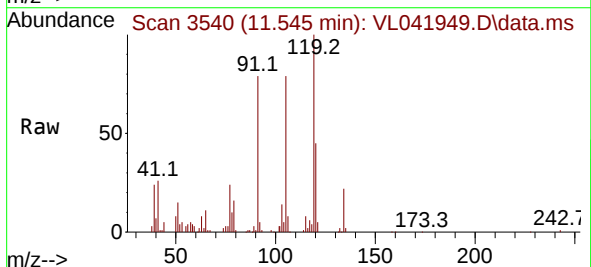
Tgt Ion:119 Resp: 21391

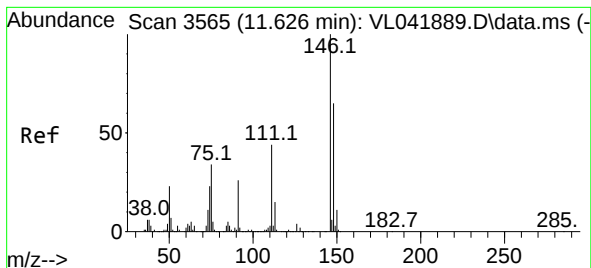
Ion Ratio Lower Upper

119 100

91 80.3 64.6 97.0

134 22.2 16.8 25.2

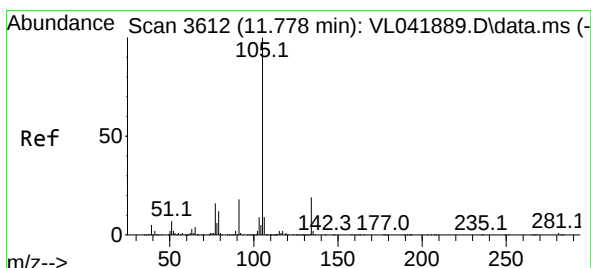
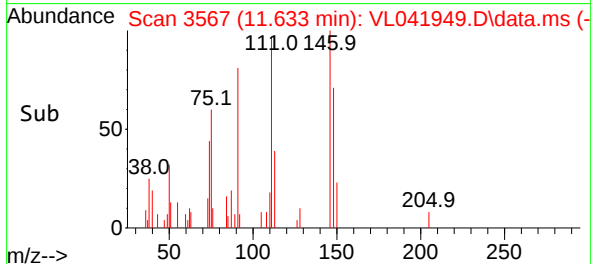
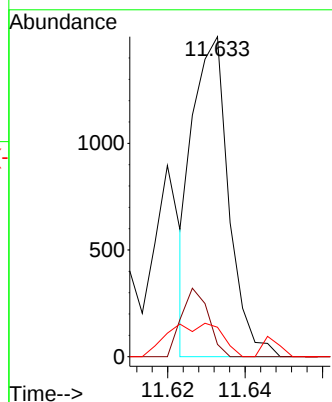
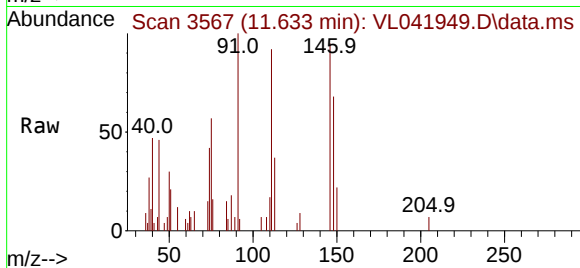




#66
Benzyl Chloride
Concen: 0.263 ppbv
RT: 11.633 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

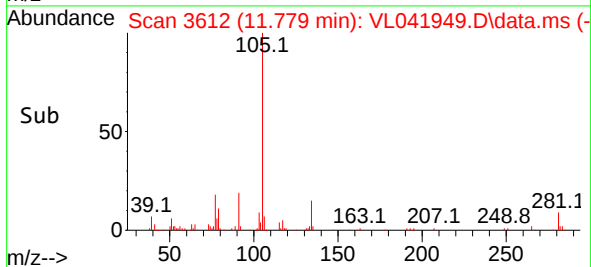
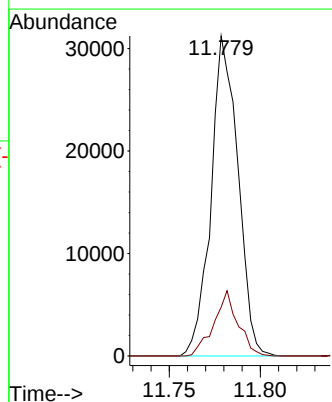
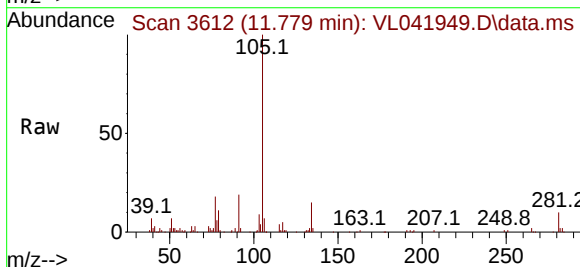
Instrument :
MSVOA_L
ClientSampleId :

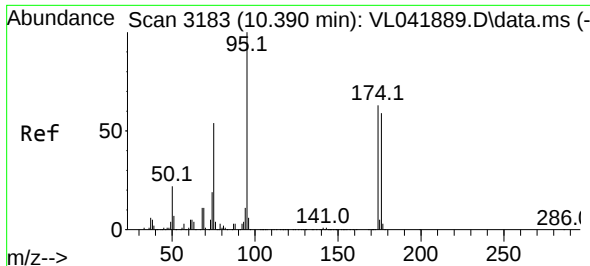
Tgt Ion: 91 Resp: 973
Ion Ratio Lower Upper
91 100
126 16.0 14.1 21.1
128 18.4 4.3 6.5#



#67
sec-Butylbenzene
Concen: 0.390 ppbv
RT: 11.779 min Scan# 3612
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion: 105 Resp: 32120
Ion Ratio Lower Upper
105 100
134 18.2 15.1 22.7

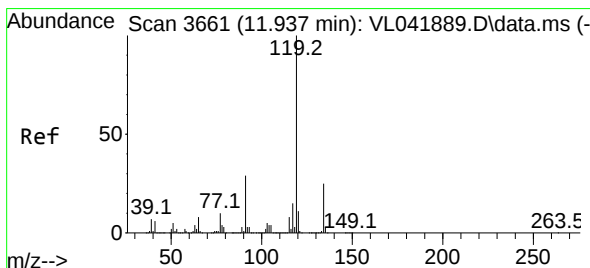
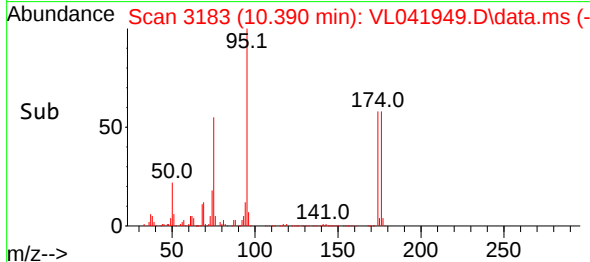
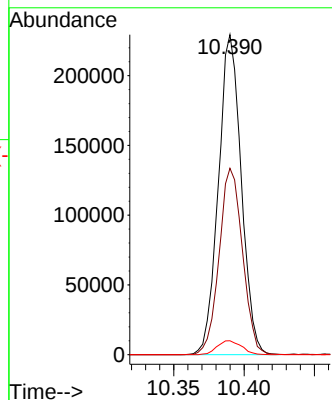
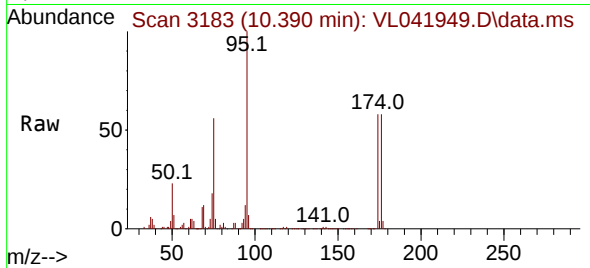




#68
1-Bromo-4-Fluorobenzene
Concen: 9.665 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

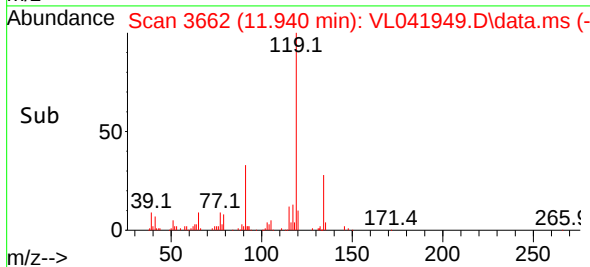
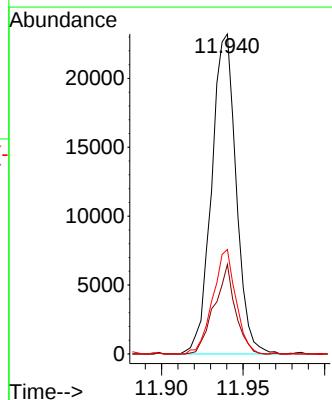
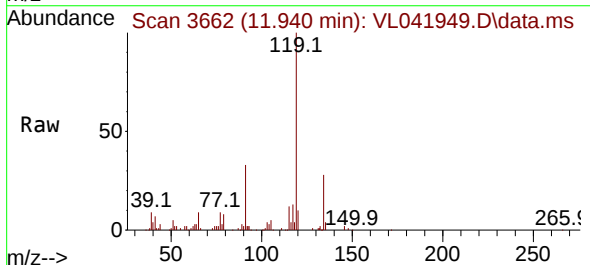
Instrument :
MSVOA_L
ClientSampleId :

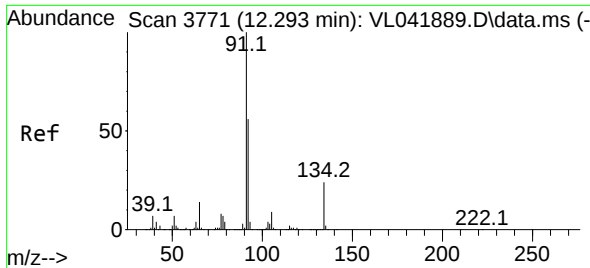
Tgt Ion: 95 Resp: 259389
Ion Ratio Lower Upper
95 100
174 59.6 49.0 73.4
175 4.7 3.8 5.8



#69
p-Isopropyltoluene
Concen: 0.359 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. 0.003 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion: 119 Resp: 24328
Ion Ratio Lower Upper
119 100
134 24.1 19.8 29.6
91 30.8 23.0 34.4

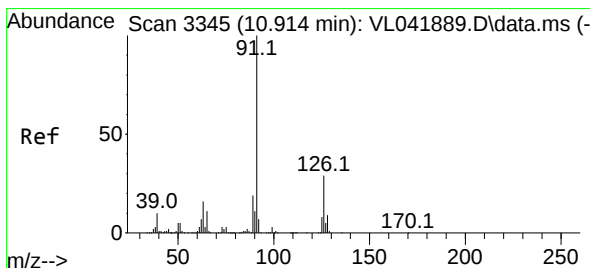
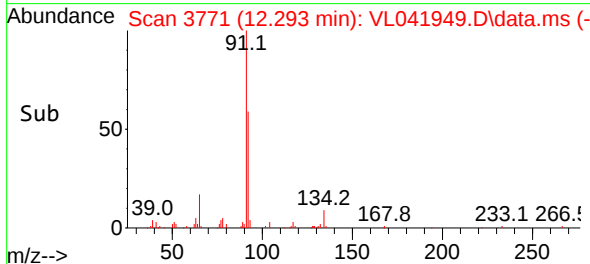
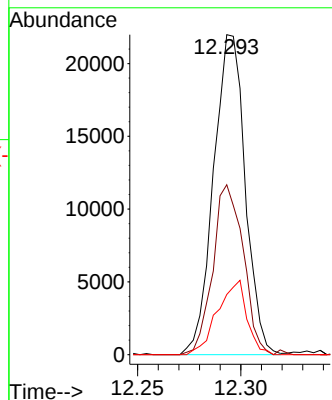
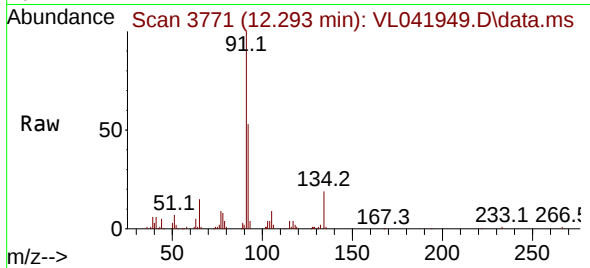




#70
n-Butylbenzene
Concen: 0.349 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

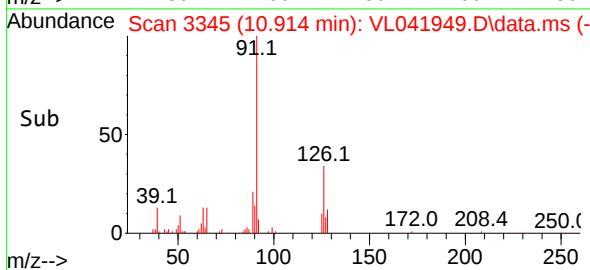
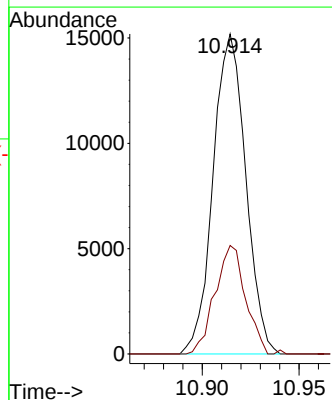
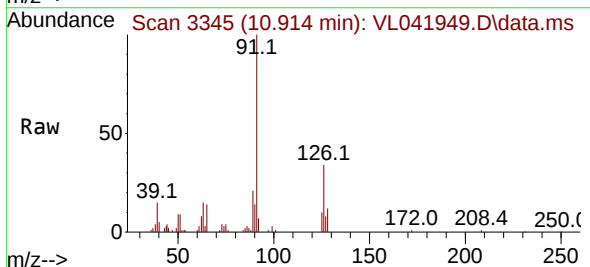
Instrument :
MSVOA_L
ClientSampleId :

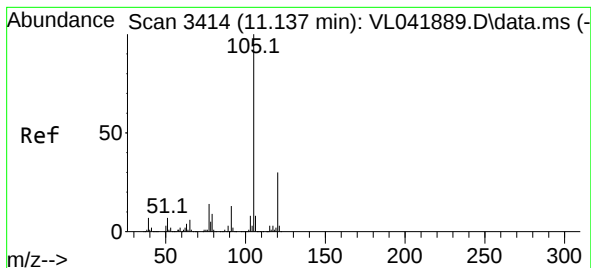
Tgt Ion:	91	Resp:	23438
Ion	Ratio	Lower	Upper
91	100		
92	51.3	43.8	65.6
134	21.6	19.0	28.6



#71
2-Chlorotoluene
Concen: 0.367 ppbv
RT: 10.914 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion:	91	Resp:	17792
Ion	Ratio	Lower	Upper
91	100		
126	31.8	11.7	46.7





#72

4-Ethyltoluene

Concen: 0.336 ppbv

RT: 11.138 min Scan# 3414

Delta R.T. 0.000 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 17031

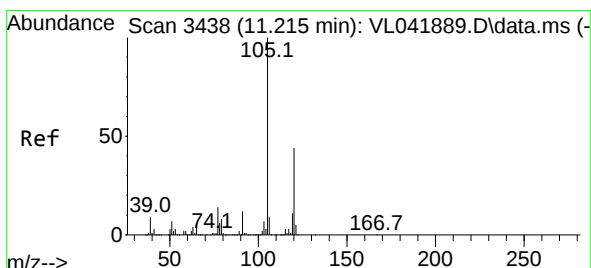
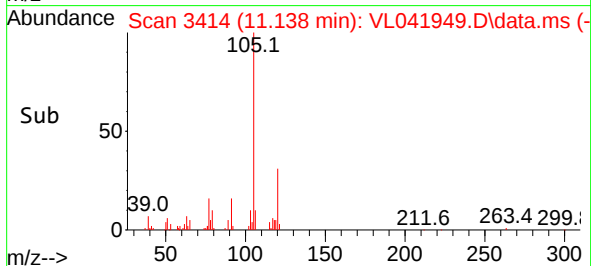
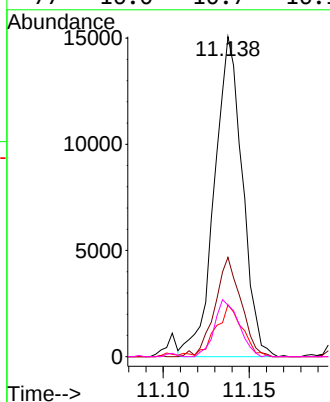
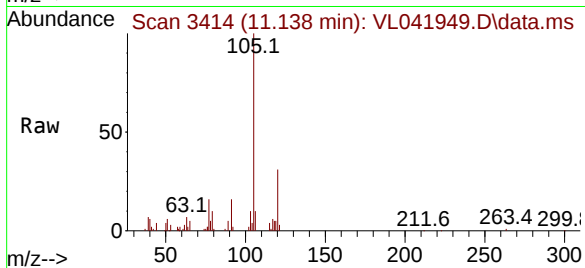
Ion Ratio Lower Upper

105 100

120 29.0 23.7 35.5

91 15.9 10.2 15.2#

77 16.0 10.7 16.1



#73

1,3,5-Trimethylbenzene

Concen: 0.350 ppbv

RT: 11.215 min Scan# 3438

Delta R.T. 0.000 min

Lab File: VL041949.D

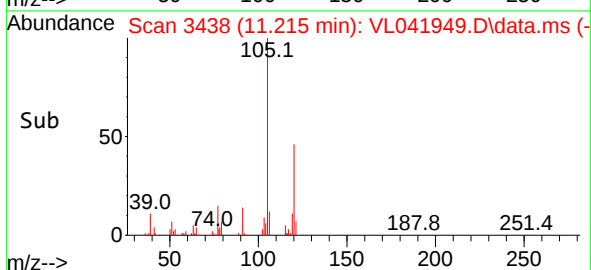
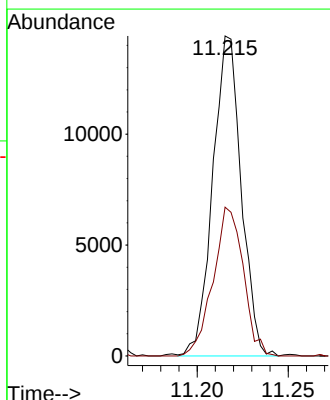
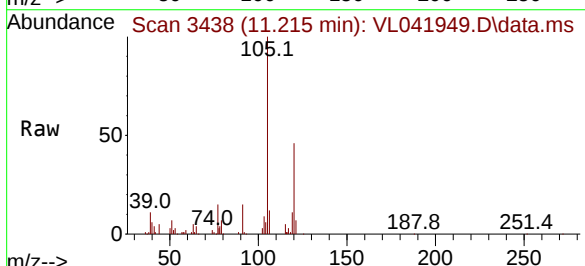
Acq: 27 Jan 2025 13:36

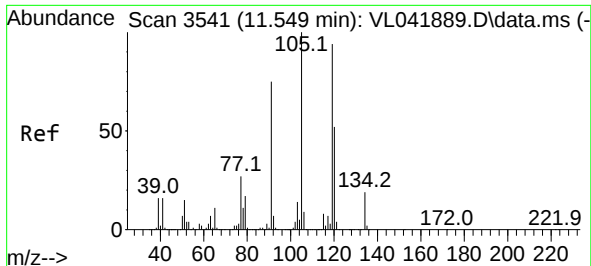
Tgt Ion:105 Resp: 15683

Ion Ratio Lower Upper

105 100

120 46.5 35.4 53.2

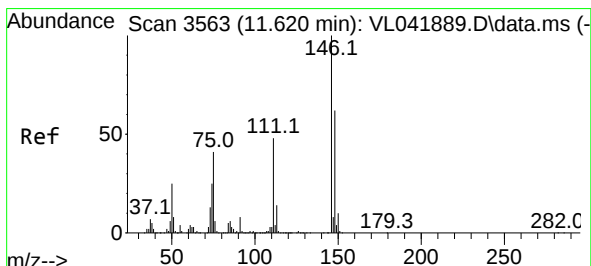
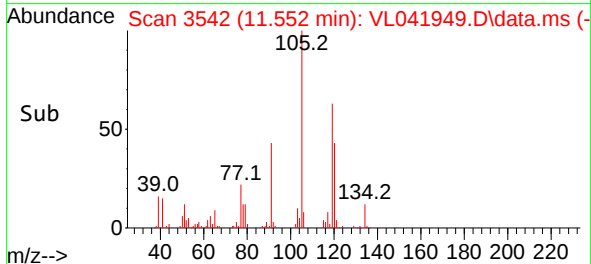
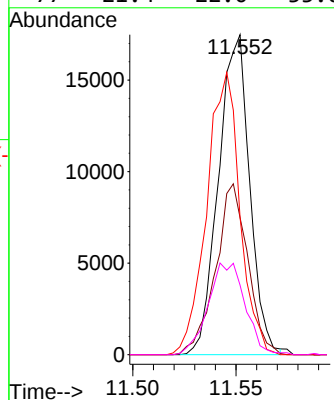
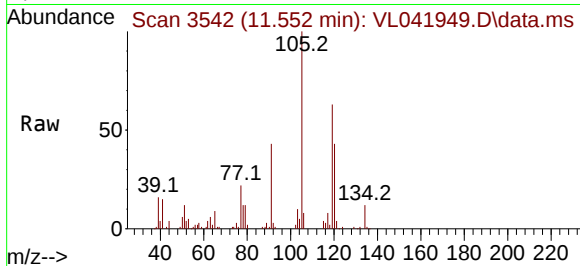




#74
 1,2,4-Trimethylbenzene
 Concen: 0.378 ppbv
 RT: 11.552 min Scan# 3542
 Delta R.T. 0.003 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36

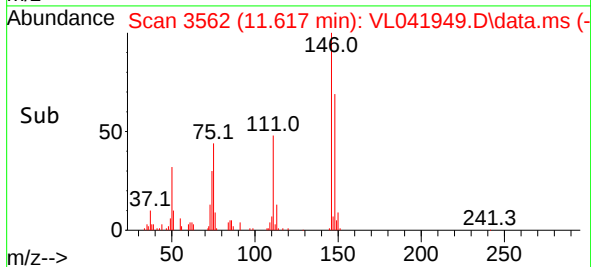
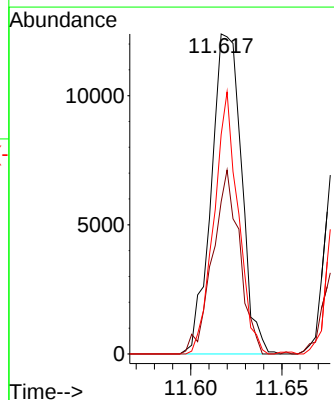
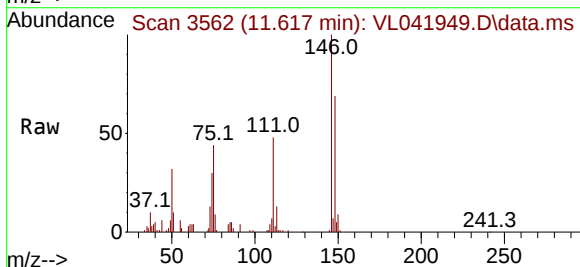
Instrument :
 MSVOA_L
 ClientSampleId :

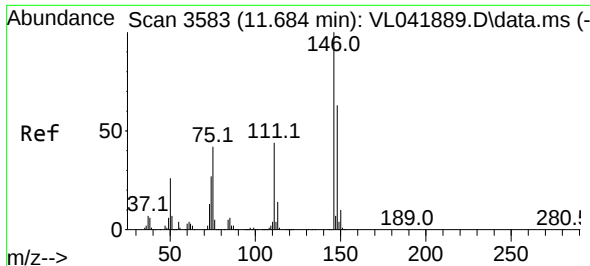
Tgt Ion:	105	Resp:	18331
Ion	Ratio	Lower	Upper
105	100		
120	42.4	41.4	62.2
91	43.0	60.2	90.2#
77	21.4	22.0	33.0#



#75
 1,3-Dichlorobenzene
 Concen: 0.499 ppbv
 RT: 11.617 min Scan# 3562
 Delta R.T. -0.003 min
 Lab File: VL041949.D
 Acq: 27 Jan 2025 13:36

Tgt Ion:	146	Resp:	14333
Ion	Ratio	Lower	Upper
146	100		
111	51.0	23.6	70.8
148	65.5	31.4	94.0

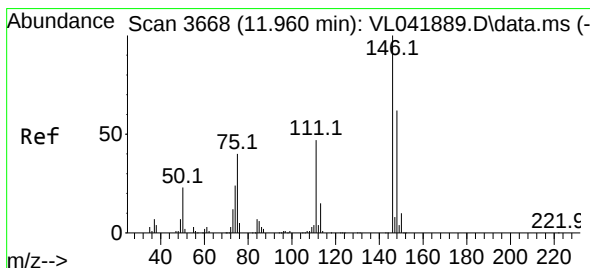
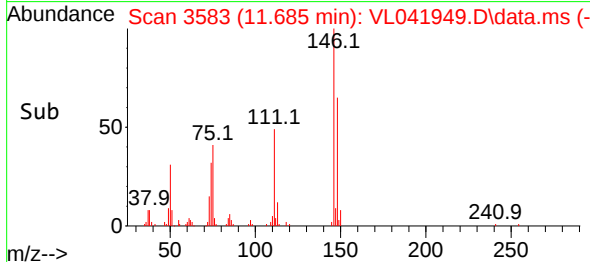
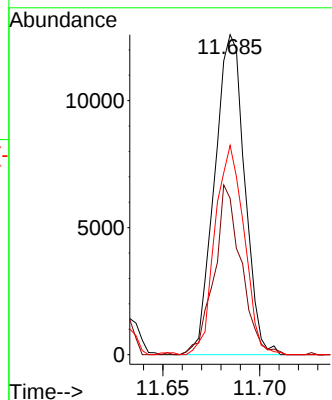
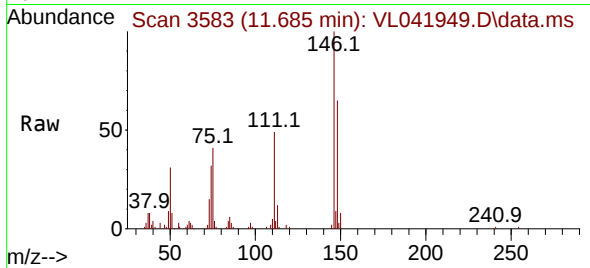




#76
1,4-Dichlorobenzene
Concen: 0.484 ppbv
RT: 11.685 min Scan# 3583
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

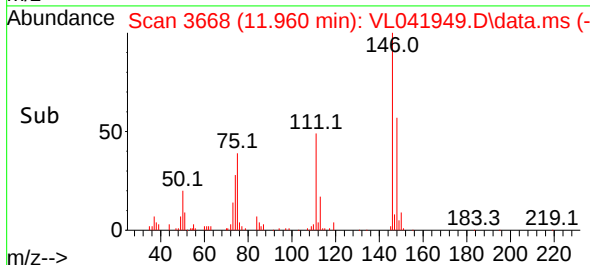
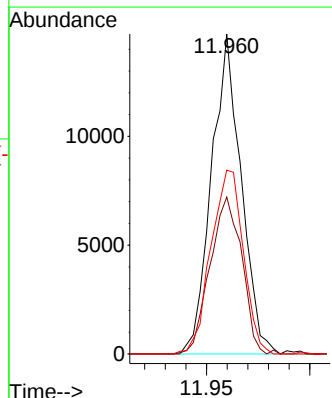
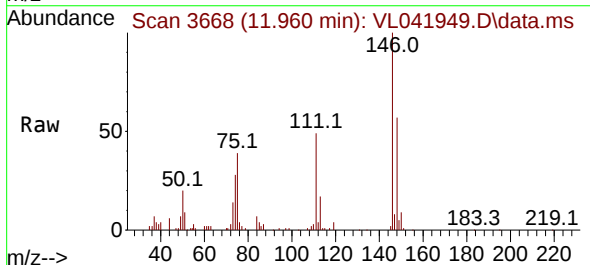
Instrument :
MSVOA_L
ClientSampleId :

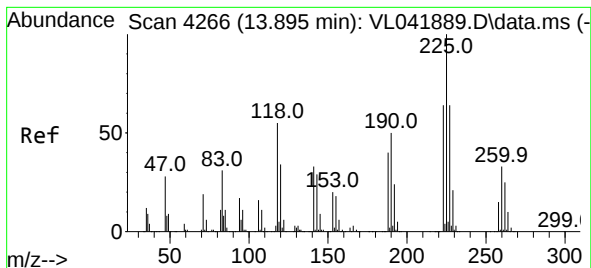
Tgt Ion:146 Resp: 13591
Ion Ratio Lower Upper
146 100
111 47.6 22.4 67.0
148 63.5 31.9 95.5



#77
1,2-Dichlorobenzene
Concen: 0.515 ppbv
RT: 11.960 min Scan# 3668
Delta R.T. 0.000 min
Lab File: VL041949.D
Acq: 27 Jan 2025 13:36

Tgt Ion:146 Resp: 14661
Ion Ratio Lower Upper
146 100
111 52.5 24.2 72.6
148 62.9 31.7 95.1





#78

Hexachloro-1,3-Butadiene

Concen: 0.486 ppbv

RT: 13.892 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Instrument :

MSVOA_L

ClientSampleId :

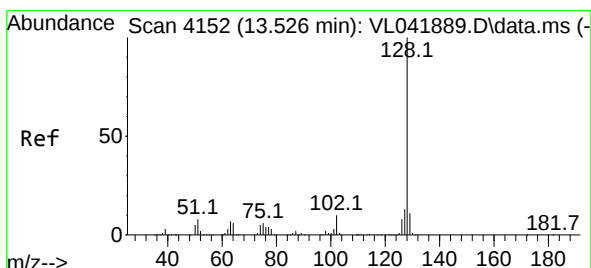
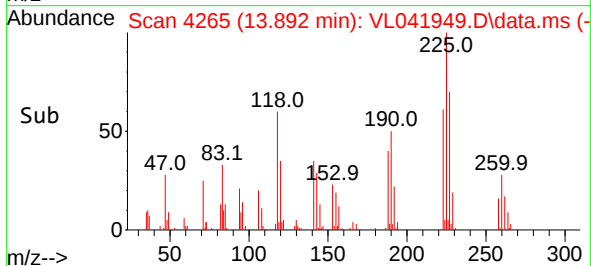
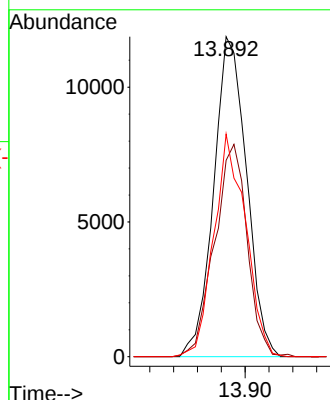
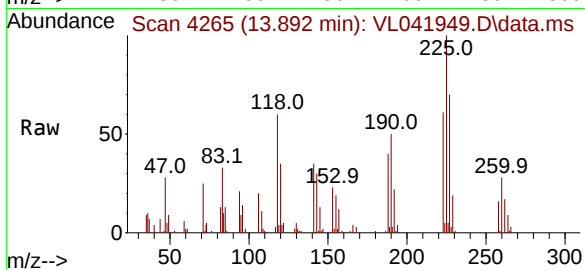
Tgt Ion:225 Resp: 11364

Ion Ratio Lower Upper

225 100

223 66.0 50.8 76.2

227 67.4 50.3 75.5



#79

Naphthalene

Concen: 0.293 ppbv

RT: 13.523 min Scan# 4151

Delta R.T. -0.003 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

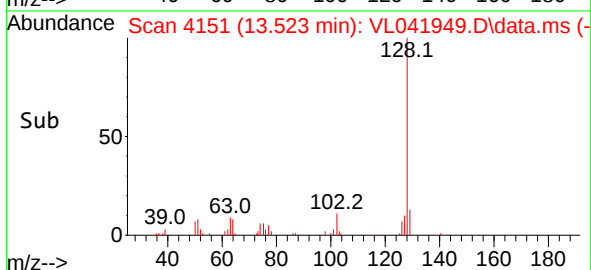
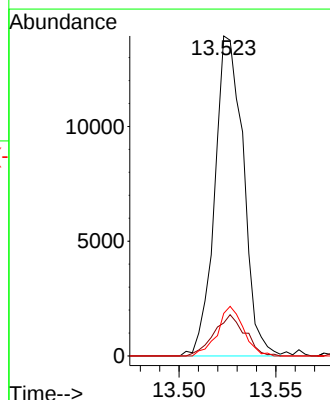
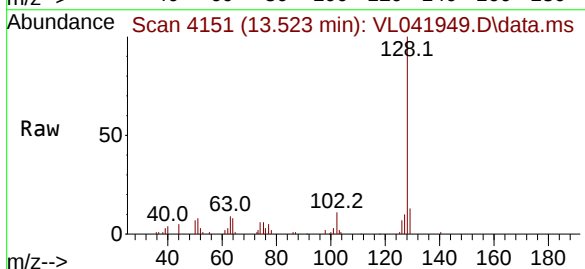
Tgt Ion:128 Resp: 14298

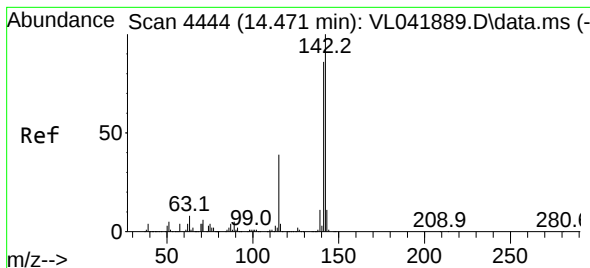
Ion Ratio Lower Upper

128 100

127 10.3 10.2 15.4

129 13.3 9.1 13.7





#80

Naphthalene, 2-methyl-

Concen: 0.149 ppbv

RT: 14.468 min Scan# 4444

Delta R.T. -0.003 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Instrument :

MSVOA_L

ClientSampleId :

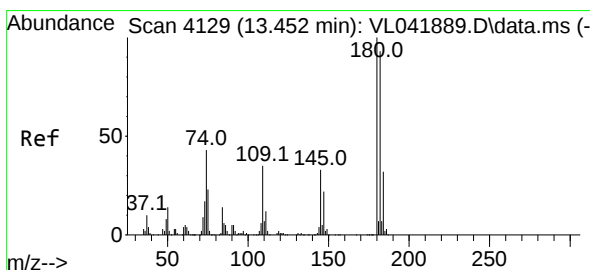
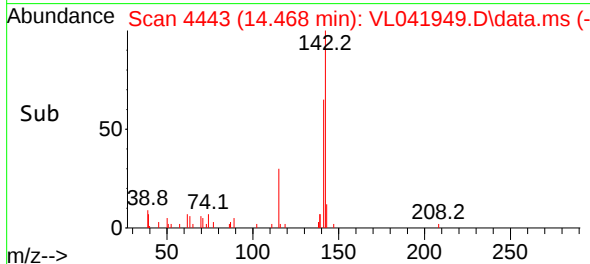
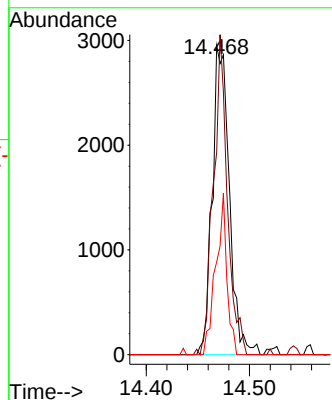
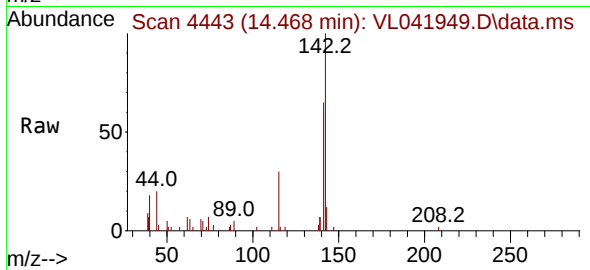
Tgt Ion:142 Resp: 3436

Ion Ratio Lower Upper

142 100

141 83.6 68.1 102.1

115 33.6 31.7 47.5



#81

1,2,4-Trichlorobenzene

Concen: 0.388 ppbv

RT: 13.452 min Scan# 4129

Delta R.T. 0.000 min

Lab File: VL041949.D

Acq: 27 Jan 2025 13:36

Tgt Ion:180 Resp: 9238

Ion Ratio Lower Upper

180 100

182 92.5 77.0 115.6

184 30.2 24.9 37.3

