

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
 Data File : VL041950.D
 Acq On : 27 Jan 2025 14:06
 Operator : SY/MD
 Sample : Q1168-13 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 28 02:36:54 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	140378	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	393689	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	335291	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	259853	9.840	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	8559	0.448	ppbv	95
3) Chlorodifluoromethane	1.480	51	9753	0.487	ppbv	99
4) Chloromethane	1.535	50	3138	0.436	ppbv #	83
5) Vinyl Chloride	1.583	62	3346	0.459	ppbv	96
6) Bromomethane	1.671	94	1711	0.493	ppbv	97
7) Chloroethane	1.709	64	1717	0.606	ppbv #	73
8) Dichlorotetrafluoroethane	1.557	85	7474	0.447	ppbv	99
9) Propene	1.486	41	3180	0.385	ppbv	90
10) Heptane	4.995	43	7413	0.336	ppbv	100
11) Trichlorofluoromethane	1.881	101	8715	0.438	ppbv	89
12) 1,1,2-Trichlorotrifluo...	2.143	101	7908	0.507	ppbv	91
13) Ethanol	1.726	45	367	0.607	ppbv	81
14) Bromoethene	1.784	108	2461	0.431	ppbv #	91
15) Acetone	1.842	43	10042	0.596	ppbv	99
16) 1,3-Butadiene	1.612	39	4003	0.529	ppbv #	79
17) tert-Butyl alcohol	2.049	59	9035	0.435	ppbv #	91
18) 1,1-Dichloroethene	2.040	96	3524	0.502	ppbv	89
19) Isopropyl Alcohol	1.894	45	5810	0.581	ppbv #	32
20) Methylene Chloride	2.069	84	3952	0.593	ppbv #	68
21) Allyl Chloride	2.101	41	5127	0.439	ppbv	87
22) trans-1,2-Dichloroethene	2.040	96	3524	0.444	ppbv	88
23) Vinyl Acetate	2.470	43	3310	0.396	ppbv #	76
24) 1,1-Dichloroethane	2.415	63	7127	0.465	ppbv	97
25) Ethyl Acetate	2.849	43	18056	0.397	ppbv #	97
26) Hexane	2.836	57	6572	0.365	ppbv #	82
27) Carbon Disulfide	2.156	76	7805	0.439	ppbv #	19
28) Methyl tert-Butyl Ether	2.447	73	4868	0.354	ppbv	93
29) Chloroform	2.855	83	13909	0.489	ppbv #	82
30) Cyclohexane	3.872	84	2928	0.188	ppbv #	8
31) cis-1,2-Dichloroethene	2.729	61	7261	0.383	ppbv #	84
32) 1,1,1-Trichloroethane	3.380	97	10968	0.403	ppbv	95
34) 2-Butanone	2.570	43	11680	0.467	ppbv	95
35) Carbon Tetrachloride	3.778	117	11019	0.446	ppbv	93
36) Benzene	3.668	78	15852	0.439	ppbv	95
37) 1,2-Dichloroethane	3.227	62	10062	0.496	ppbv	99
38) Trichloroethene	4.564	130	6821	0.476	ppbv #	82
39) 1,2-Dichloropropane	4.325	63	6174	0.487	ppbv #	67
40) 1,4-Dioxane	4.613	88	448	0.070	ppbv #	11
41) Tetrahydrofuran	3.075	42	5330	0.392	ppbv	96
42) Bromodichloromethane	4.503	83	11701	0.430	ppbv #	92
43) Methyl Methacrylate	4.898	69	2405	0.179	ppbv #	7
44) 2,2,4-Trimethylpentane	4.658	57	22463	0.385	ppbv	95
45) t-1,3-Dichloropropene	6.441	75	1212	0.097	ppbv	90

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Quant Time: Jan 28 02:36:54 2025
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 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

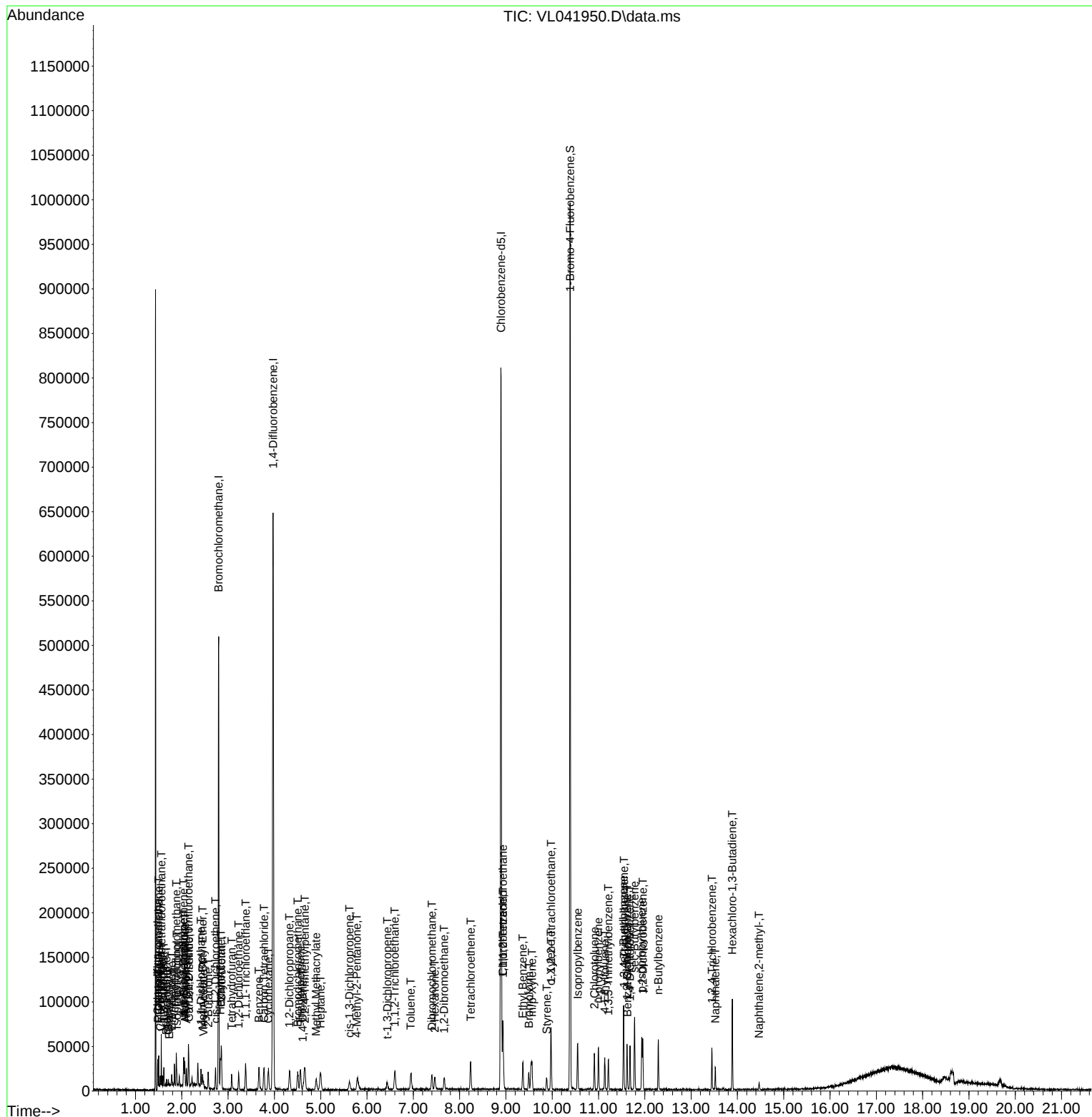
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.623	75	2345	0.142	ppbv	#	63
47) 1,1,2-Trichloroethane	6.600	97	3536	0.263	ppbv		92
48) Dibromochloromethane	7.399	129	5229	0.252	ppbv	#	51
49) Bromoform	9.497	173	3391	0.199	ppbv	#	27
50) 4-Methyl-2-Pentanone	5.778	43	2358	0.069	ppbv	#	39
51) 2-Hexanone	7.464	43	8250	0.314	ppbv	#	97
52) Tetrachloroethene	8.241	164	5069	0.405	ppbv	#	80
53) Toluene	6.943	91	7507	0.191	ppbv	#	21
54) 1,2-Dibromoethane	7.665	107	5958	0.323	ppbv		82
56) 1,1,1,2-Tetrachloroethane	8.937	131	7453	0.446	ppbv		87
57) Chlorobenzene	8.934	112	14737	0.476	ppbv	#	86
58) Ethyl Benzene	9.364	91	16332	0.312	ppbv		99
59) m/p-Xylene	9.562	91	14615	0.348	ppbv	#	31
60) o-Xylene	9.973	91	12522	0.300	ppbv		94
61) Styrene	9.882	104	4936	0.264	ppbv		99
62) Isopropylbenzene	10.552	105	22512	0.349	ppbv		98
63) 1,1,2,2-Tetrachloroethane	9.976	83	12872	0.483	ppbv		98
64) n-propylbenzene	10.999	120	4965	0.305	ppbv		87
65) tert-Butylbenzene	11.539	119	18194	0.309	ppbv		99
66) Benzyl Chloride	11.623	91	744	0.204	ppbv	#	71
67) sec-Butylbenzene	11.779	105	25454	0.314	ppbv		98
69) p-Isopropyltoluene	11.934	119	19353	0.290	ppbv		96
70) n-Butylbenzene	12.290	91	18157	0.275	ppbv		98
71) 2-Chlorotoluene	10.911	91	16241	0.340	ppbv		98
72) 4-Ethyltoluene	11.135	105	14941	0.300	ppbv		97
73) 1,3,5-Trimethylbenzene	11.212	105	12754	0.290	ppbv		98
74) 1,2,4-Trimethylbenzene	11.549	105	14772	0.310	ppbv	#	78
75) 1,3-Dichlorobenzene	11.617	146	12513	0.443	ppbv		97
76) 1,4-Dichlorobenzene	11.682	146	11007	0.398	ppbv		96
77) 1,2-Dichlorobenzene	11.957	146	12824	0.458	ppbv		98
78) Hexachloro-1,3-Butadiene	13.889	225	9677	0.421	ppbv		96
79) Naphthalene	13.523	128	11296	0.235	ppbv		99
80) Naphthalene,2-methyl-	14.468	142	2307	0.101	ppbv	#	93
81) 1,2,4-Trichlorobenzene	13.449	180	7225	0.308	ppbv		98

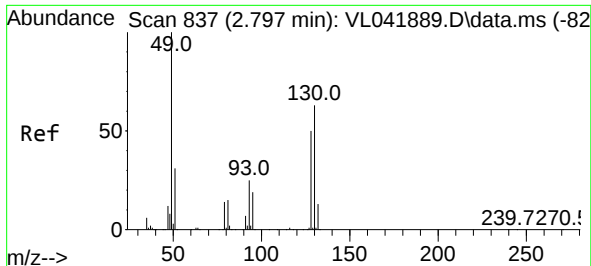
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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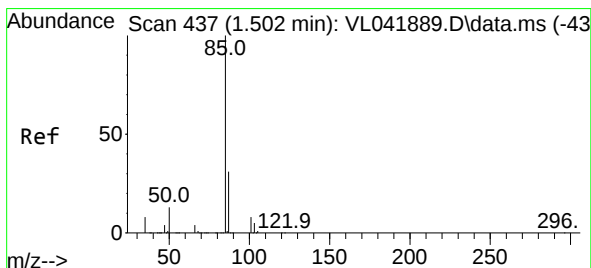
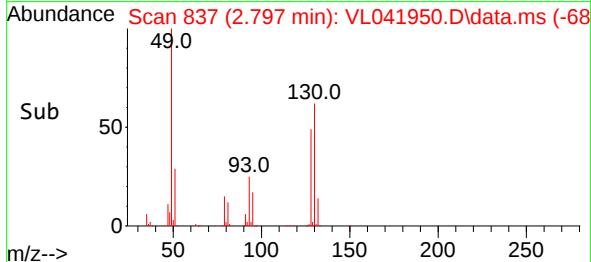
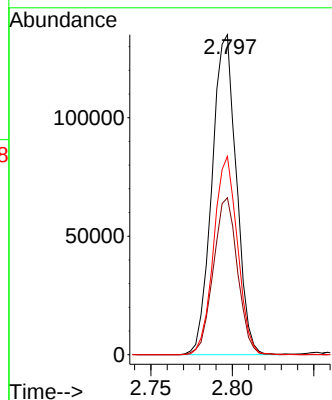
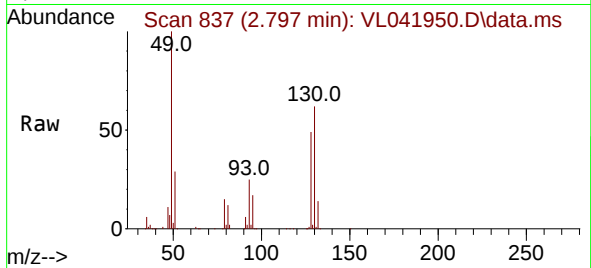




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 837
Delta R.T. -0.000 min
Lab File: VL041950.D
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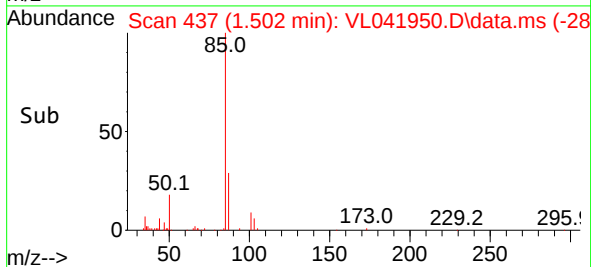
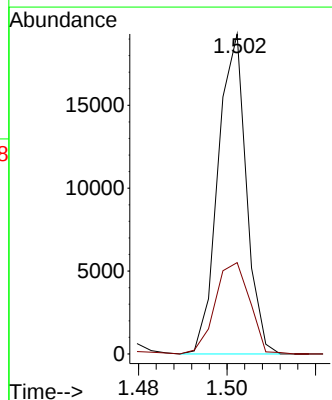
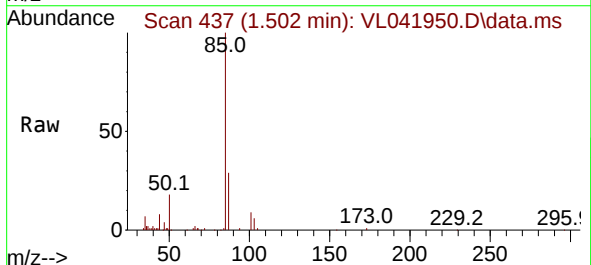
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MSVOA_L
ClientSampleId :

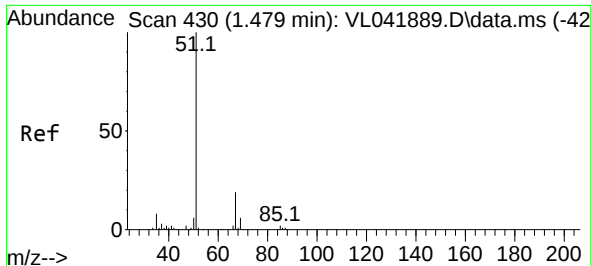
Tgt Ion: 49 Resp: 140378
Ion Ratio Lower Upper
49 100
128 48.8 24.3 73.0
130 60.5 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 0.448 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion: 85 Resp: 8559
Ion Ratio Lower Upper
85 100
87 28.5 24.9 37.3

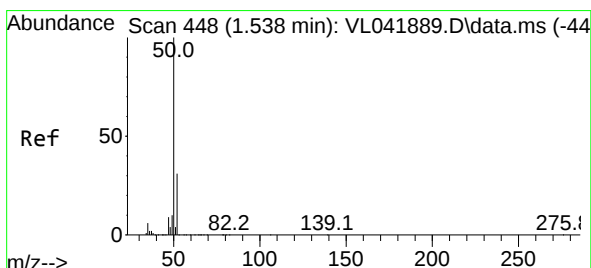
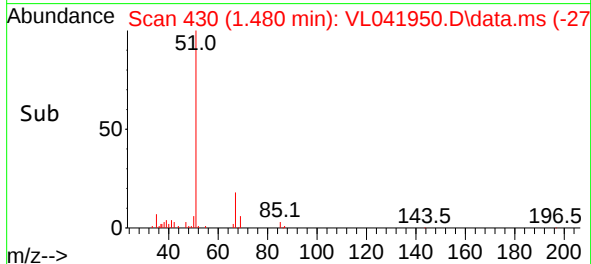
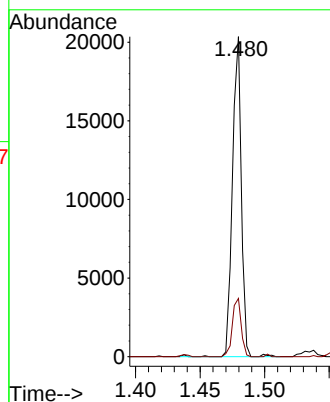
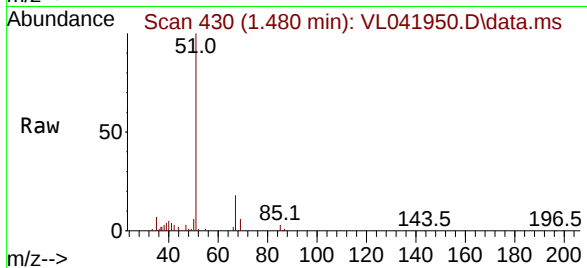




#3
Chlorodifluoromethane
Concen: 0.487 ppbv
RT: 1.480 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

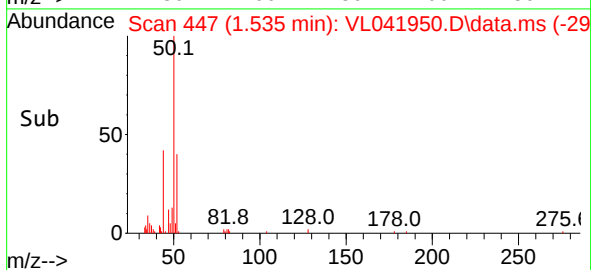
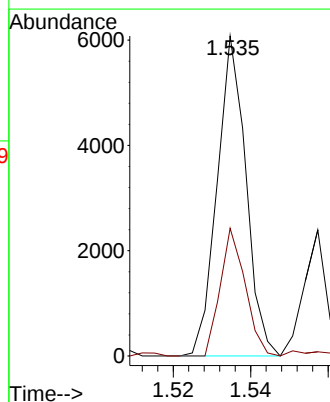
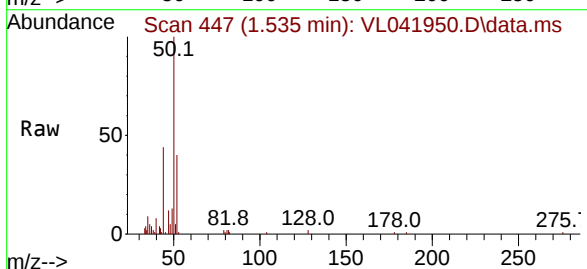
Instrument :
MSVOA_L
ClientSampleId :

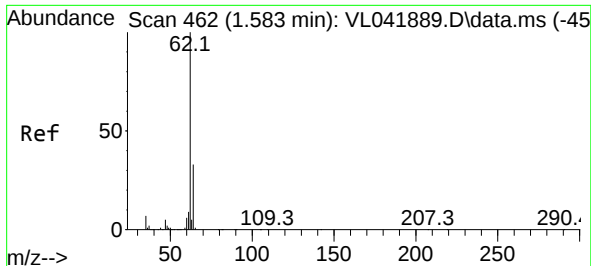
Tgt Ion: 51 Resp: 9753
Ion Ratio Lower Upper
51 100
67 18.5 15.0 22.4



#4
Chloromethane
Concen: 0.436 ppbv
RT: 1.535 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion: 50 Resp: 3138
Ion Ratio Lower Upper
50 100
52 39.9 24.6 36.8#

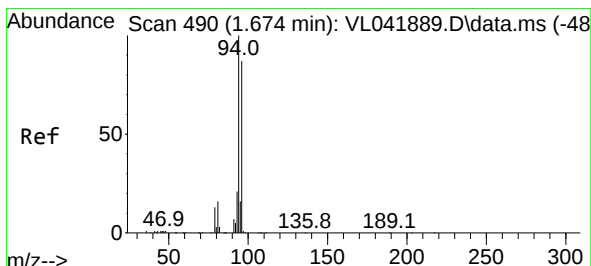
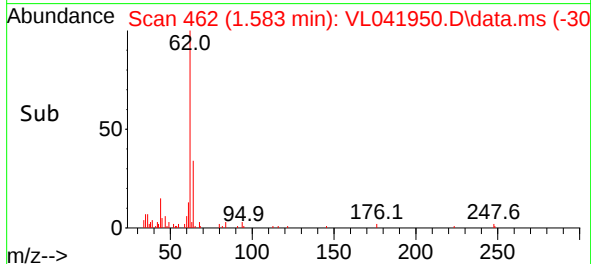
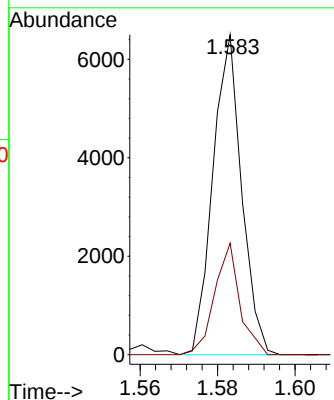
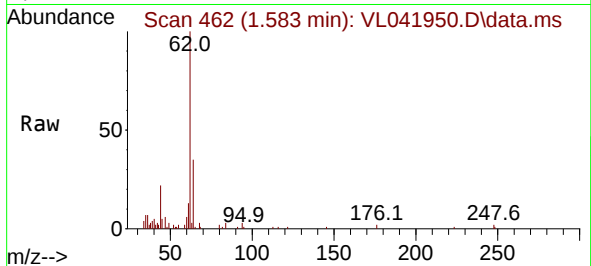




#5
 Vinyl Chloride
 Concen: 0.459 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL041950.D
 Acq: 27 Jan 2025 14:06

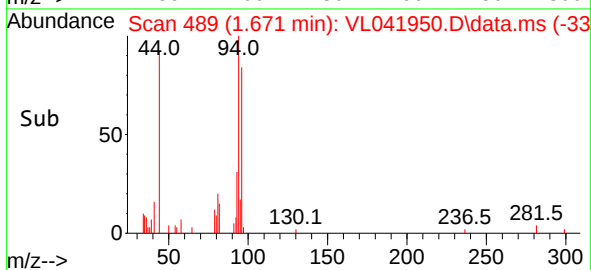
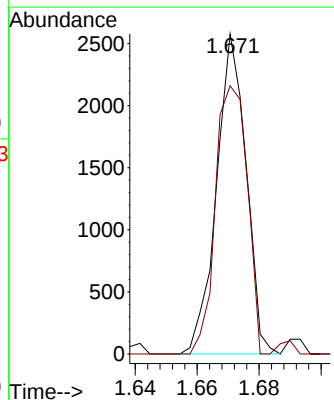
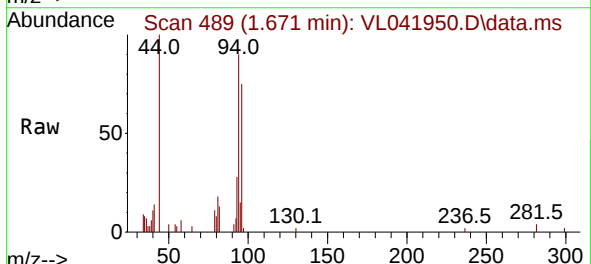
Instrument :
 MSVOA_L
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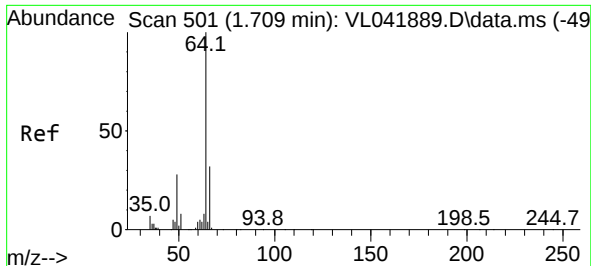
Tgt Ion: 62 Resp: 3346
 Ion Ratio Lower Upper
 62 100
 64 34.9 26.1 39.1



#6
 Bromomethane
 Concen: 0.493 ppbv
 RT: 1.671 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL041950.D
 Acq: 27 Jan 2025 14:06

Tgt Ion: 94 Resp: 1711
 Ion Ratio Lower Upper
 94 100
 96 83.8 69.5 104.3

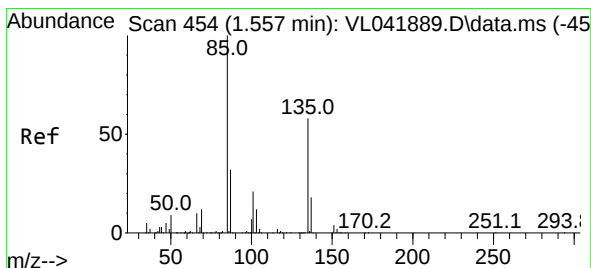
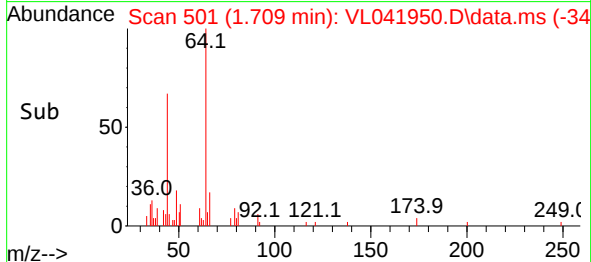
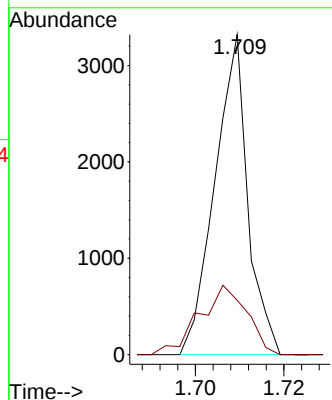
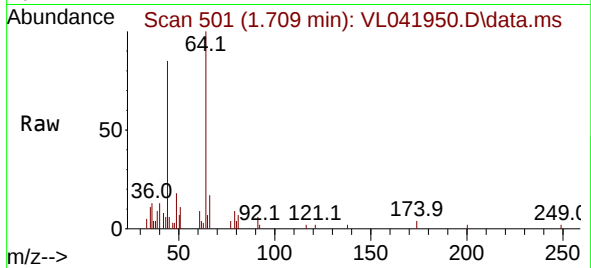




#7
Chloroethane
Concen: 0.606 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

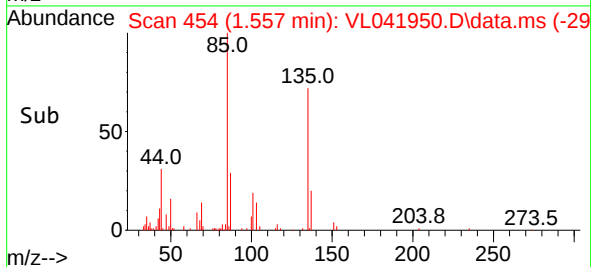
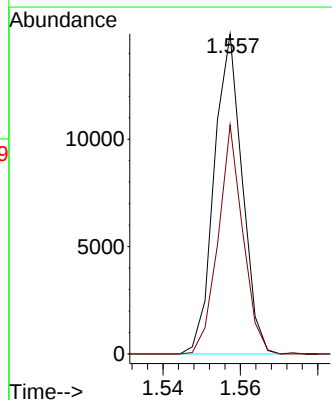
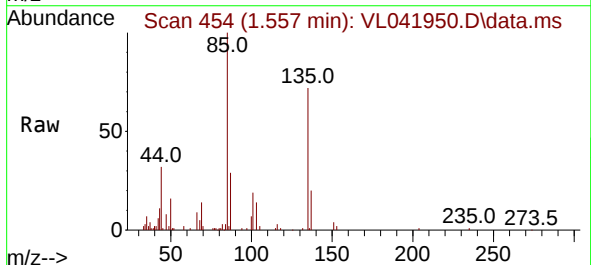
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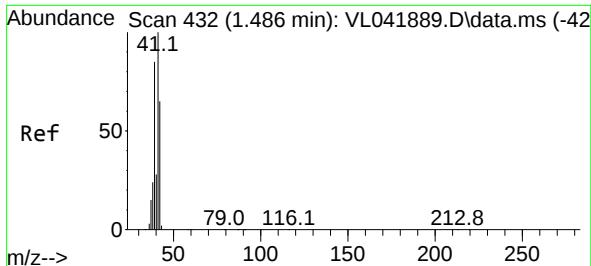
Tgt Ion: 64 Resp: 1717
Ion Ratio Lower Upper
64 100
66 17.0 25.7 38.5#



#8
Dichlorotetrafluoroethane
Concen: 0.447 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion: 85 Resp: 7474
Ion Ratio Lower Upper
85 100
135 63.4 50.0 75.0





#9

Propene

Concen: 0.385 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Instrument :

MSVOA_L

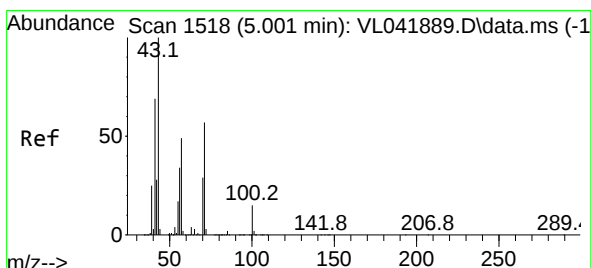
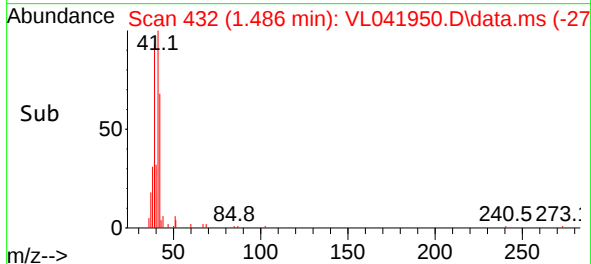
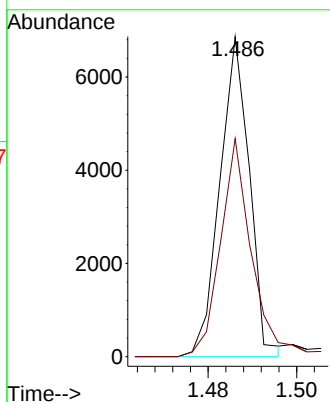
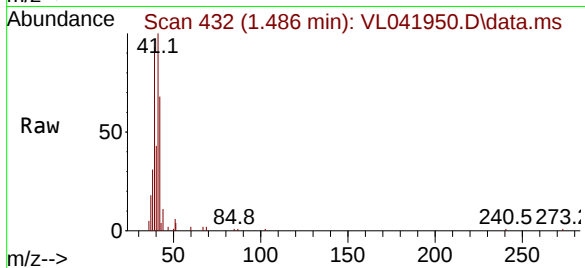
ClientSampleId :

Tgt Ion: 41 Resp: 3180

Ion Ratio Lower Upper

41 100

42 72.6 52.0 78.0



#10

Heptane

Concen: 0.336 ppbv

RT: 4.995 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VL041950.D

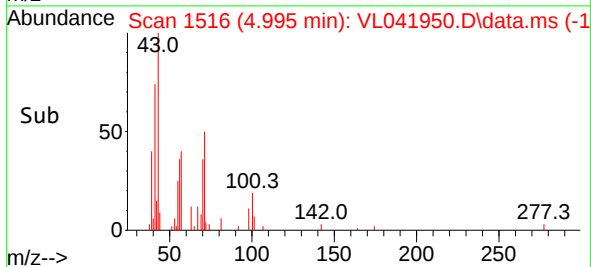
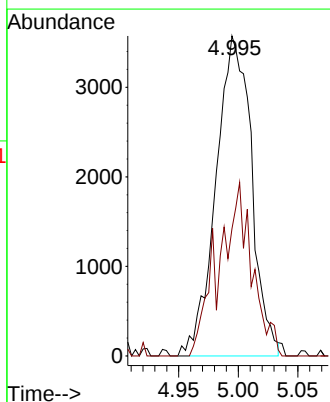
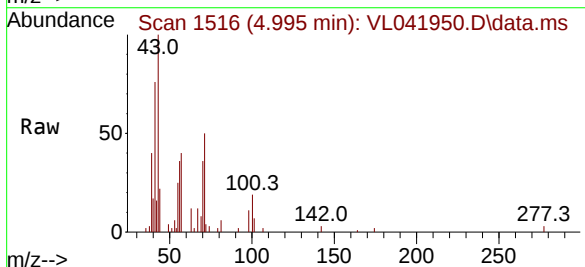
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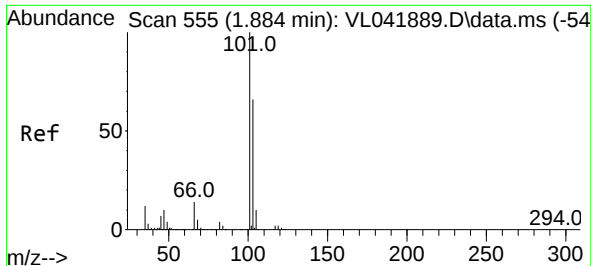
Tgt Ion: 43 Resp: 7413

Ion Ratio Lower Upper

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57 51.0 41.0 61.4

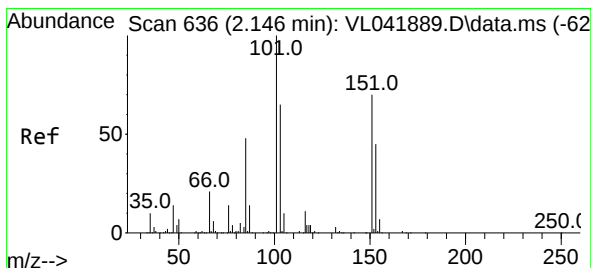
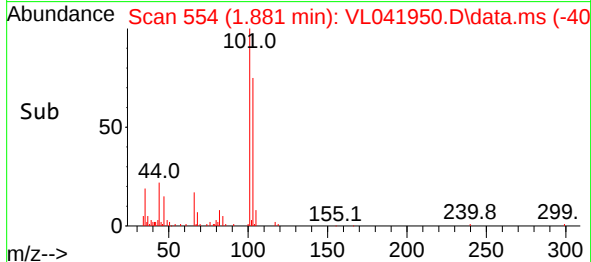
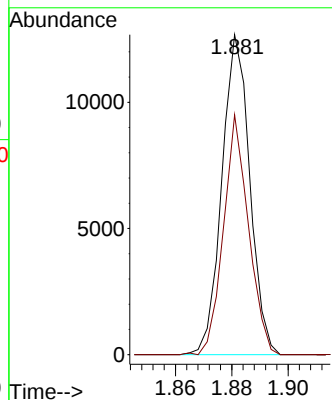
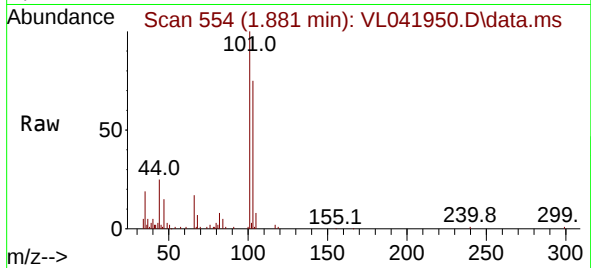




#11
Trichlorofluoromethane
Concen: 0.438 ppbv
RT: 1.881 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

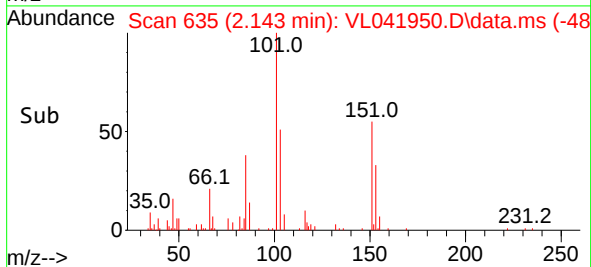
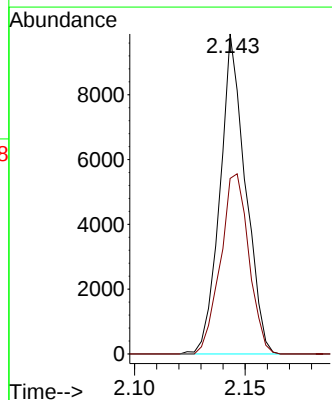
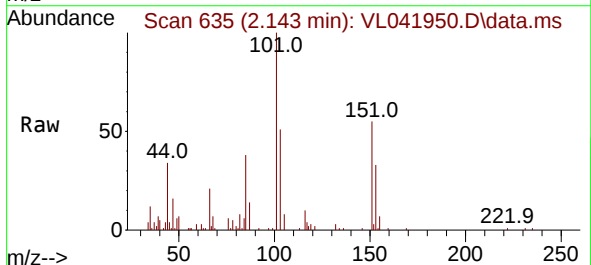
Instrument :
MSVOA_L
ClientSampleId :

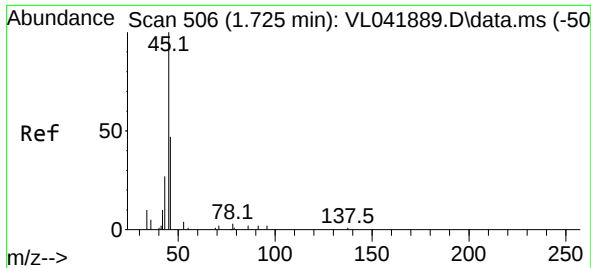
Tgt Ion:101 Resp: 8715
Ion Ratio Lower Upper
101 100
103 74.9 53.1 79.7



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.507 ppbv
RT: 2.143 min Scan# 635
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

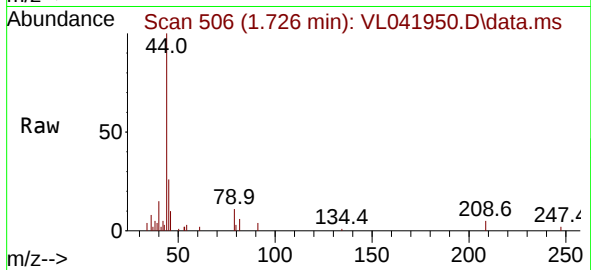
Tgt Ion:101 Resp: 7908
Ion Ratio Lower Upper
101 100
151 62.5 56.1 84.1



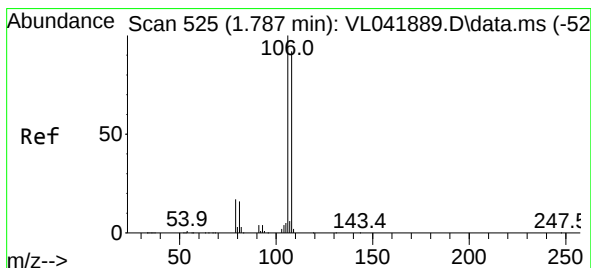
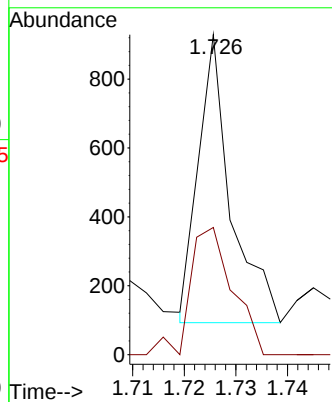
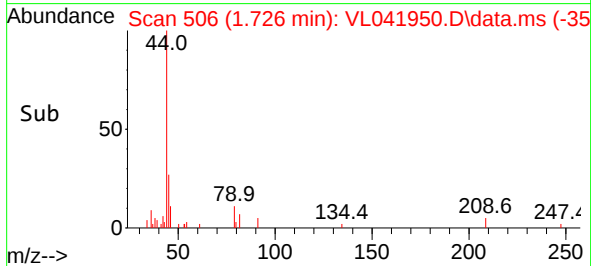


#13
Ethanol
Concen: 0.607 ppbv
RT: 1.726 min Scan# 506
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

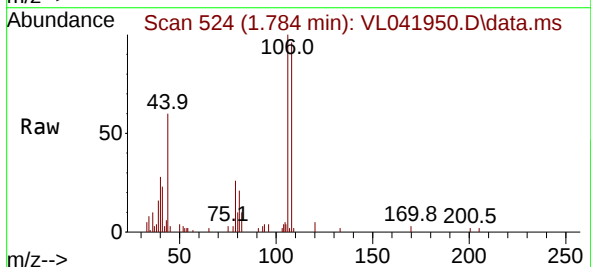
Instrument :
MSVOA_L
ClientSampleId :



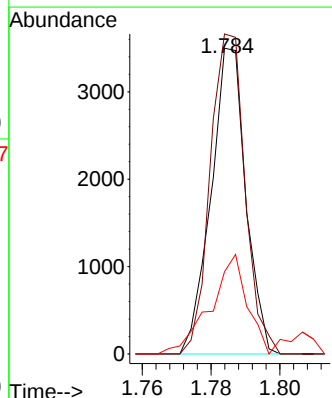
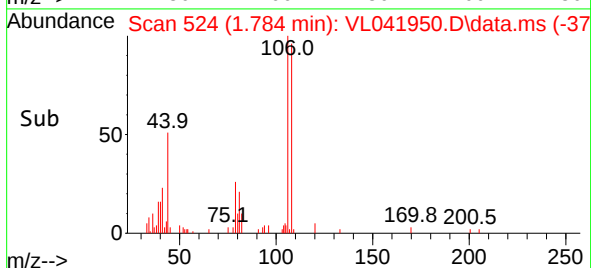
Tgt Ion: 45 Resp: 367
Ion Ratio Lower Upper
45 100
46 57.8 18.1 72.5

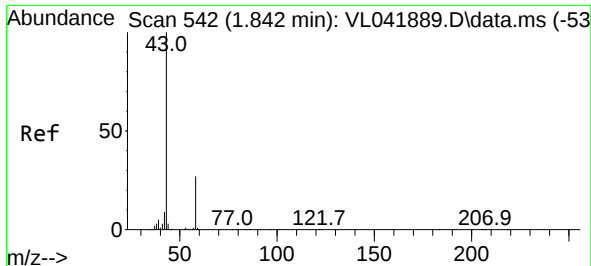


#14
Bromoethene
Concen: 0.431 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06



Tgt Ion: 108 Resp: 2461
Ion Ratio Lower Upper
108 100
106 104.3 85.5 128.3
79 40.0 15.3 22.9

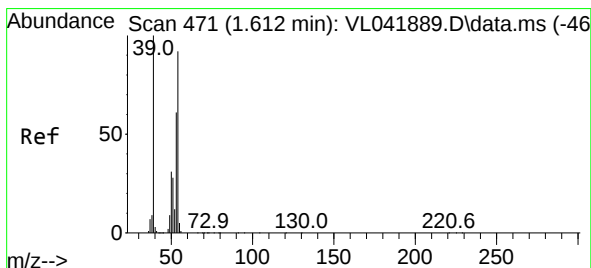
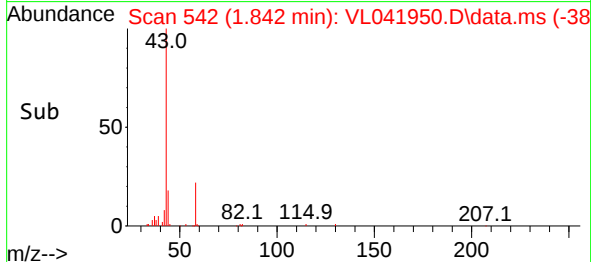
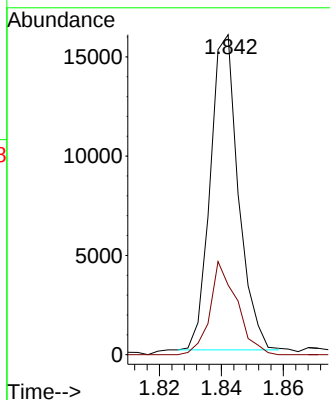
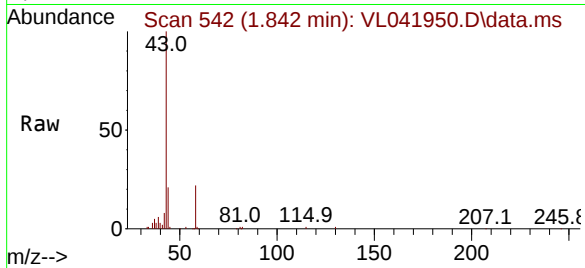




#15
Acetone
Concen: 0.596 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

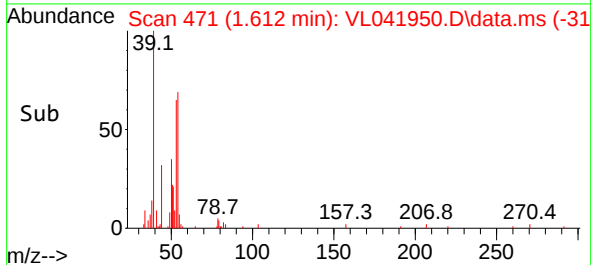
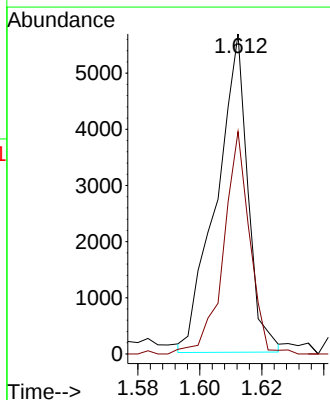
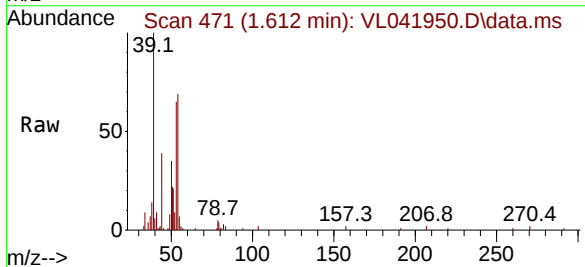
Instrument :
MSVOA_L
ClientSampleId :

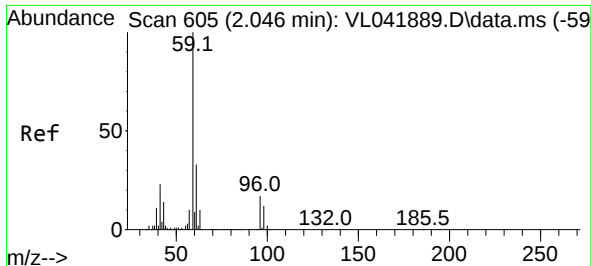
Tgt Ion: 43 Resp: 10042
Ion Ratio Lower Upper
43 100
58 28.1 21.9 32.9



#16
1,3-Butadiene
Concen: 0.529 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion: 39 Resp: 4003
Ion Ratio Lower Upper
39 100
54 58.4 61.6 92.4#





#17

tert-Butyl alcohol

Concen: 0.435 ppbv

RT: 2.049 min Scan# 605

Delta R.T. 0.004 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Instrument :

MSVOA_L

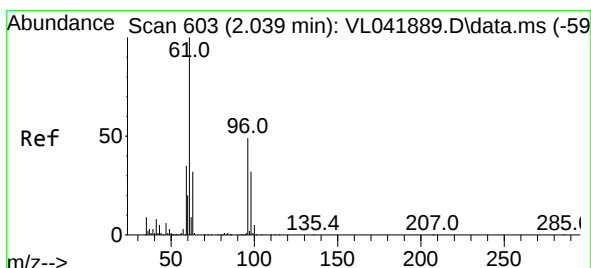
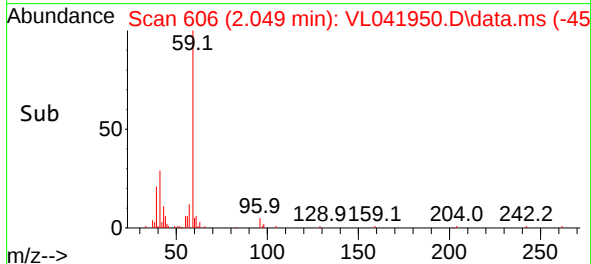
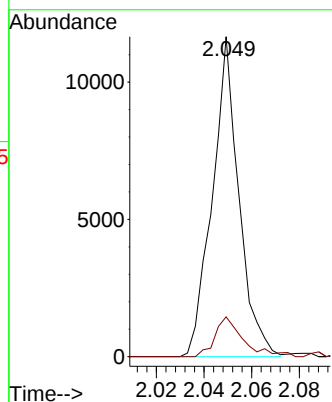
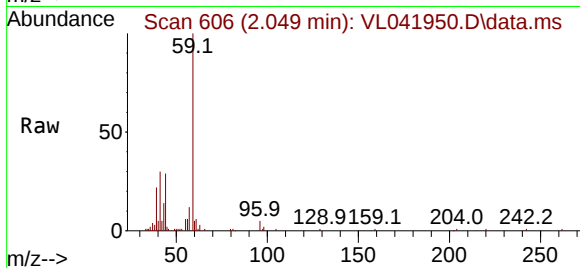
ClientSampleId :

Tgt Ion: 59 Resp: 9035

Ion Ratio Lower Upper

59 100

57 13.2 7.8 11.8#



#18

1,1-Dichloroethene

Concen: 0.502 ppbv

RT: 2.040 min Scan# 603

Delta R.T. 0.000 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

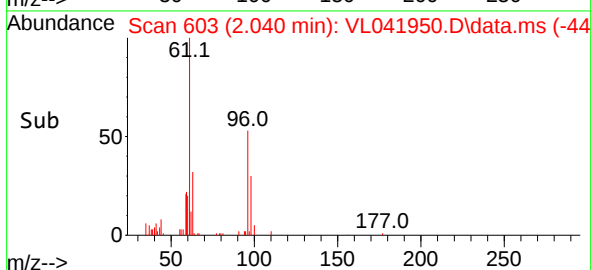
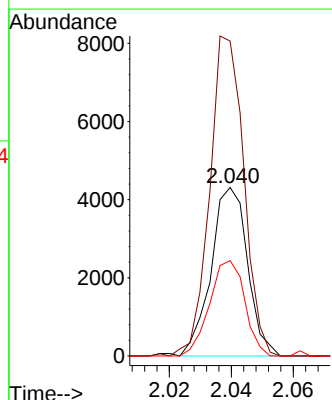
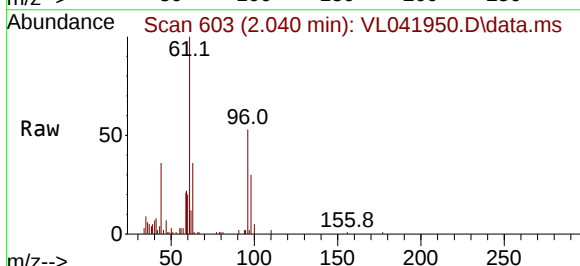
Tgt Ion: 96 Resp: 3524

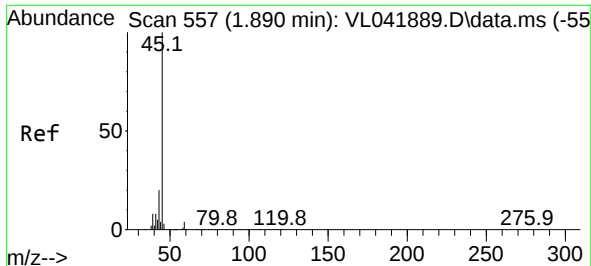
Ion Ratio Lower Upper

96 100

61 186.9 163.1 244.7

98 56.6 52.7 79.1





#19

Isopropyl Alcohol

Concen: 0.581 ppbv

RT: 1.894 min Scan# 51

Delta R.T. 0.004 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Instrument :

MSVOA_L

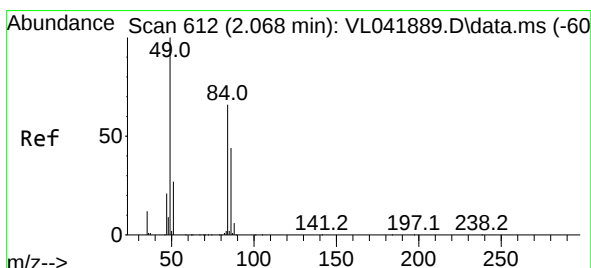
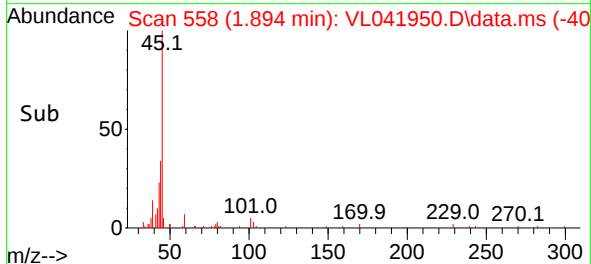
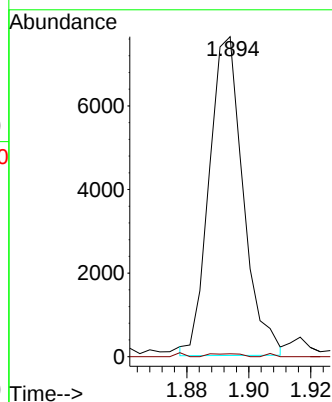
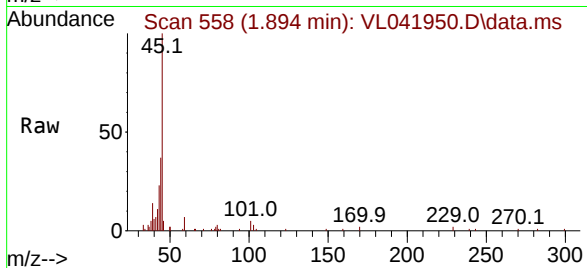
ClientSampleId :

Tgt Ion: 45 Resp: 5810

Ion Ratio Lower Upper

45 100

58 0.0 35.0 52.6#



#20

Methylene Chloride

Concen: 0.593 ppbv

RT: 2.069 min Scan# 612

Delta R.T. 0.000 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Tgt Ion: 84 Resp: 3952

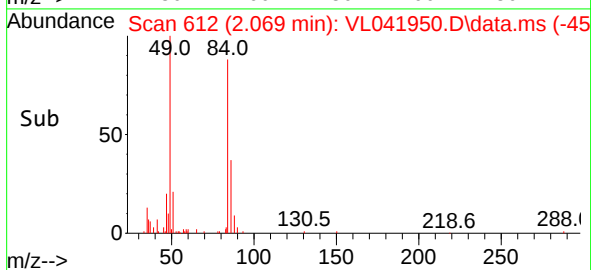
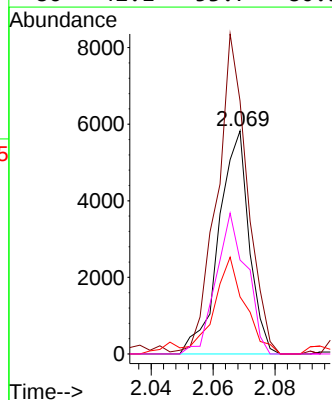
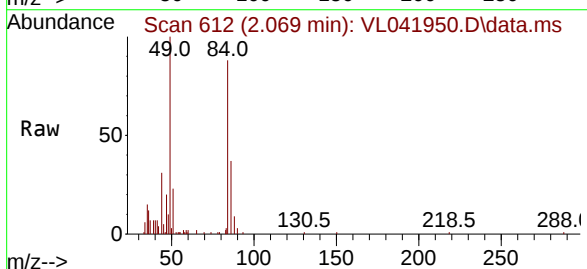
Ion Ratio Lower Upper

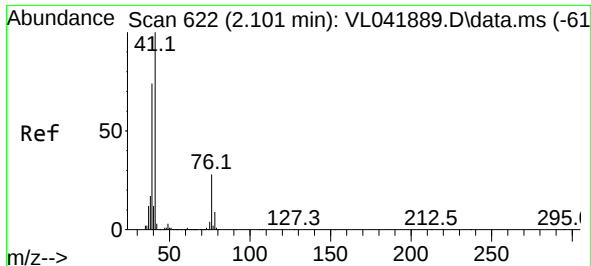
84 100

49 111.8 123.1 184.7#

51 25.6 35.8 53.8#

86 42.1 53.7 80.5#

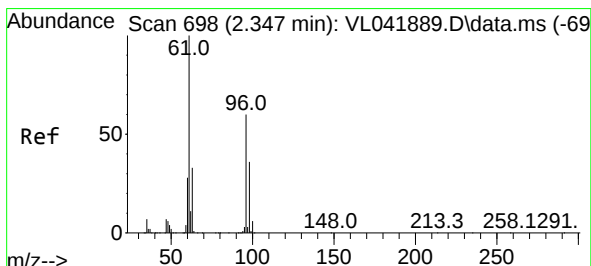
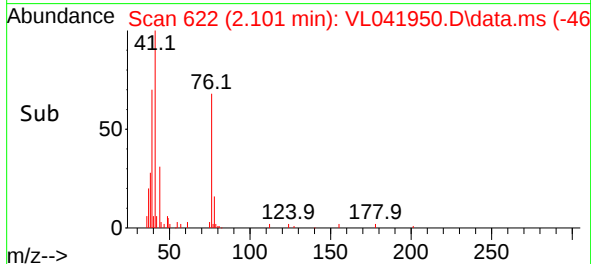
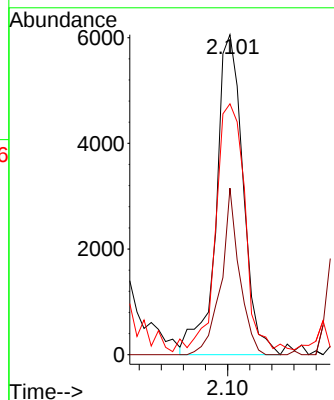
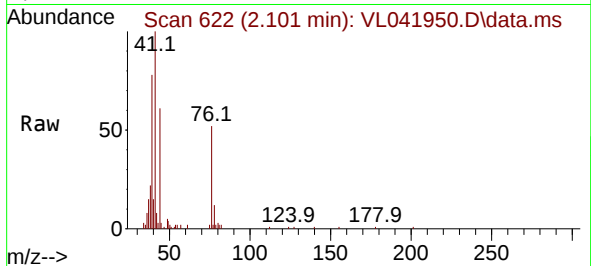




#21
 Allyl Chloride
 Concen: 0.439 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041950.D
 Acq: 27 Jan 2025 14:06

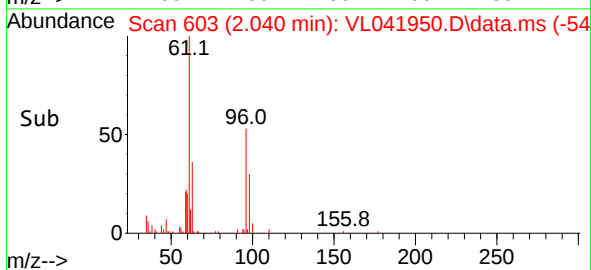
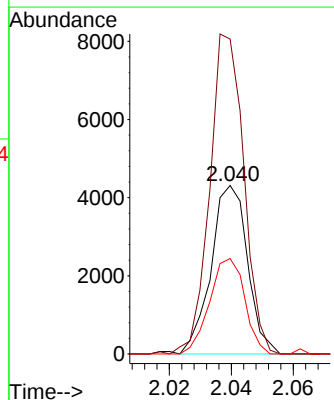
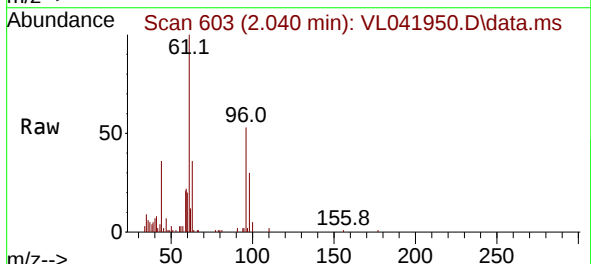
Instrument :
 MSVOA_L
 ClientSampleId :

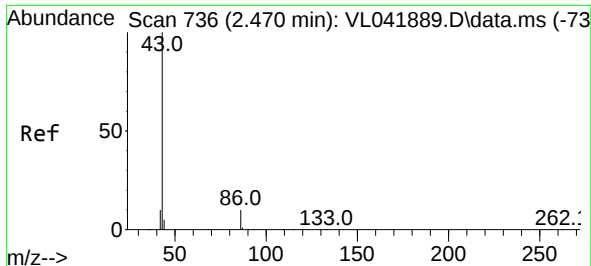
Tgt Ion: 41 Resp: 5127
 Ion Ratio Lower Upper
 41 100
 76 35.4 24.2 36.4
 39 88.4 60.6 91.0



#22
 trans-1,2-Dichloroethene
 Concen: 0.444 ppbv
 RT: 2.040 min Scan# 603
 Delta R.T. -0.307 min
 Lab File: VL041950.D
 Acq: 27 Jan 2025 14:06

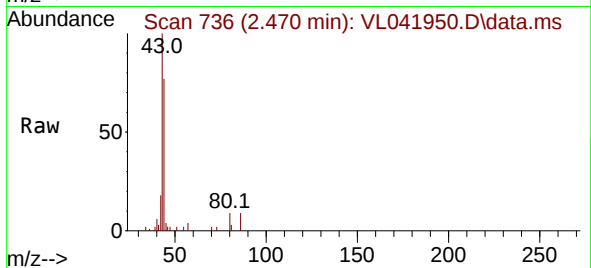
Tgt Ion: 96 Resp: 3524
 Ion Ratio Lower Upper
 96 100
 61 186.9 134.5 201.7
 98 56.6 48.9 73.3



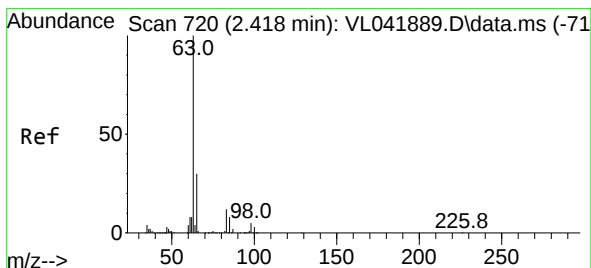
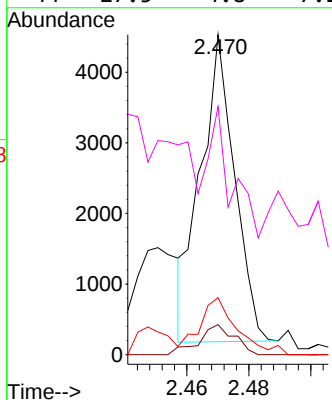
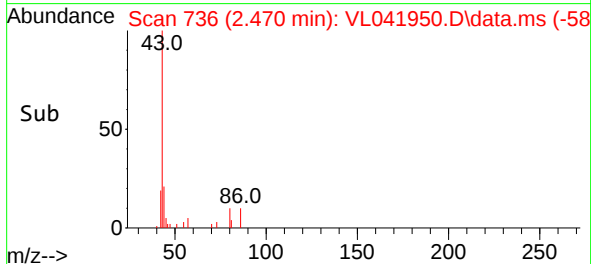


#23
 Vinyl Acetate
 Concen: 0.396 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL041950.D
 Acq: 27 Jan 2025 14:06

Instrument :
 MSVOA_L
 ClientSampleId :

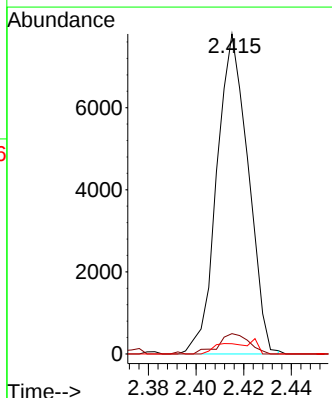
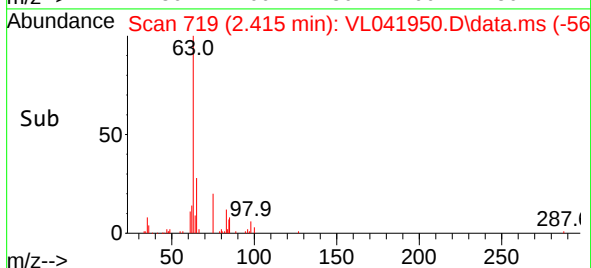
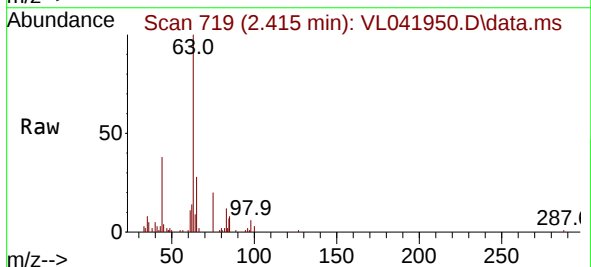


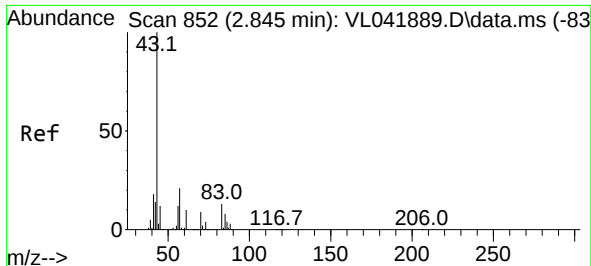
Tgt Ion:	43	Resp:	3310
Ion	Ratio	Lower	Upper
43	100		
86	9.8	6.2	9.4#
42	15.9	8.5	12.7#
44	27.5	4.8	7.2#



#24
 1,1-Dichloroethane
 Concen: 0.465 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL041950.D
 Acq: 27 Jan 2025 14:06

Tgt Ion:	63	Resp:	7127
Ion	Ratio	Lower	Upper
63	100		
98	6.3	2.6	7.8
100	3.2	1.4	4.2

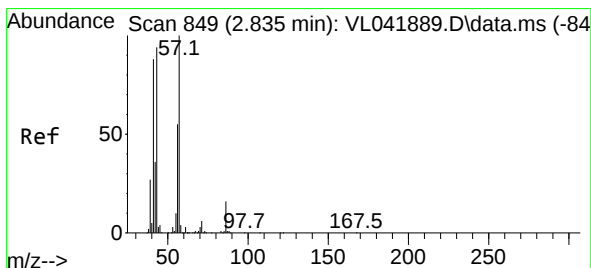
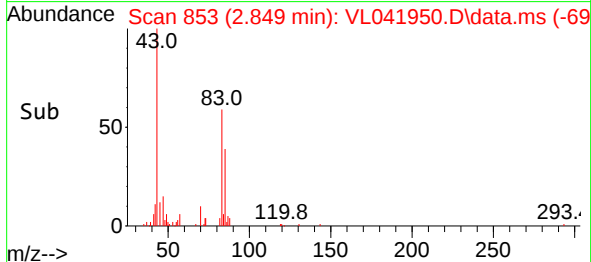
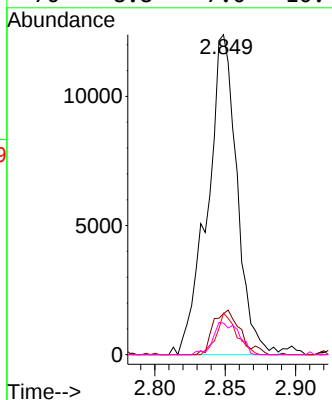
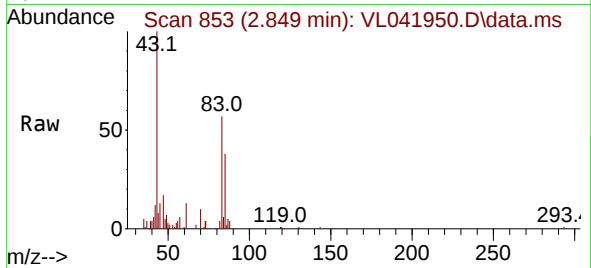




#25
Ethyl Acetate
Concen: 0.397 ppbv
RT: 2.849 min Scan# 853
Delta R.T. 0.004 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

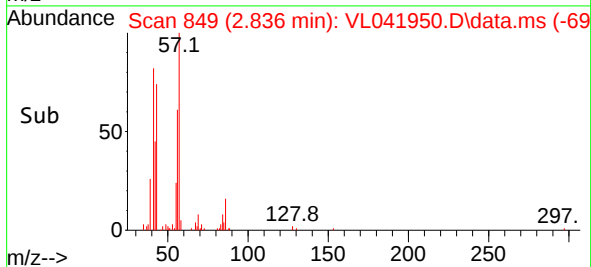
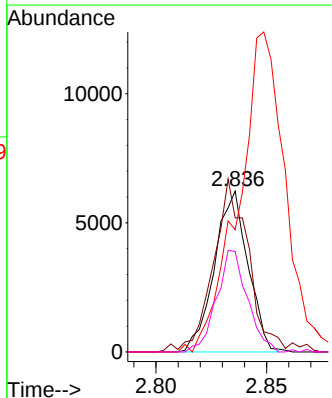
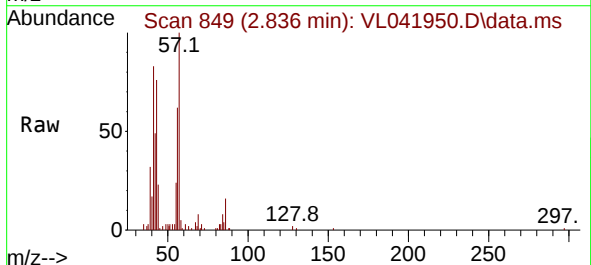
Instrument :
MSVOA_L
ClientSampleId :

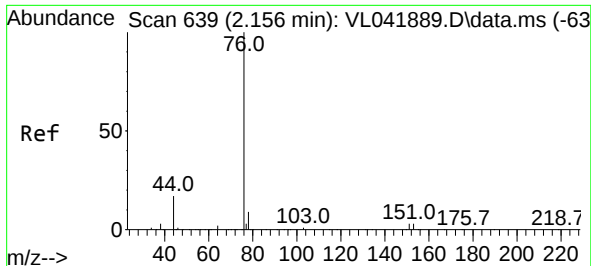
Tgt Ion: 43 Resp: 18056
Ion Ratio Lower Upper
43 100
45 12.8 8.2 12.2#
61 8.7 7.4 11.0
70 8.8 7.0 10.4



#26
Hexane
Concen: 0.365 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion: 57 Resp: 6572
Ion Ratio Lower Upper
57 100
41 115.1 73.8 110.8#
43 279.1 197.3 295.9
56 58.5 42.7 64.1

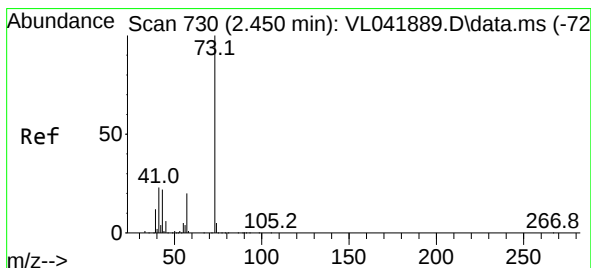
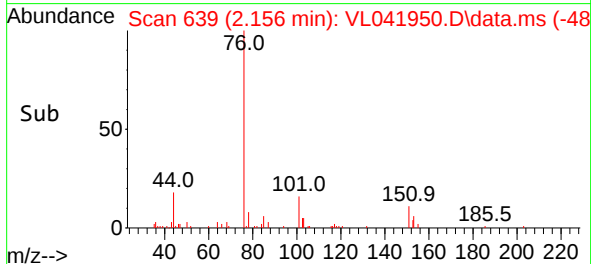
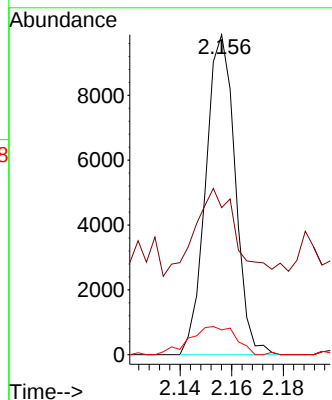
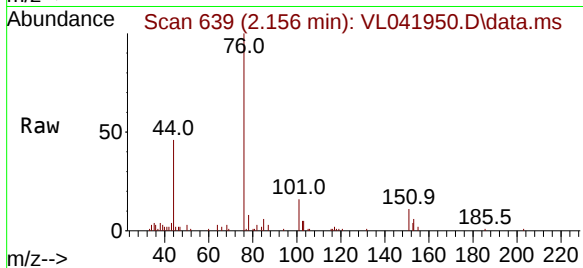




#27
Carbon Disulfide
Concen: 0.439 ppbv
RT: 2.156 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

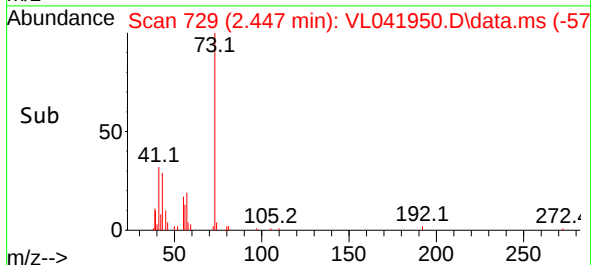
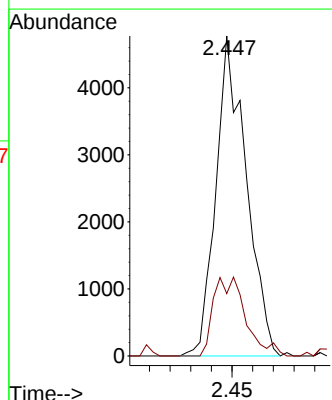
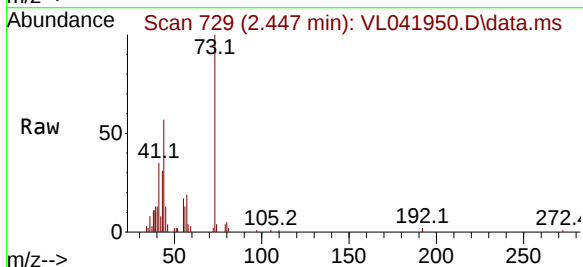
Instrument :
MSVOA_L
ClientSampleId :

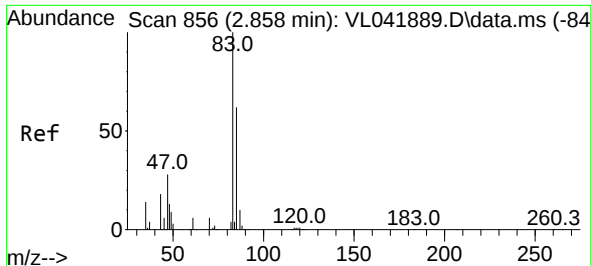
Tgt Ion: 76 Resp: 7805
Ion Ratio Lower Upper
76 100
44 76.0 15.4 23.0#
78 14.0 9.3 13.9#



#28
Methyl tert-Butyl Ether
Concen: 0.354 ppbv
RT: 2.447 min Scan# 729
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion: 73 Resp: 4868
Ion Ratio Lower Upper
73 100
57 26.1 18.1 27.1





#29

Chloroform

Concen: 0.489 ppbv

RT: 2.855 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Instrument :

MSVOA_L

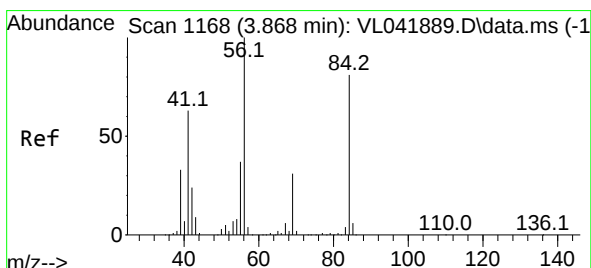
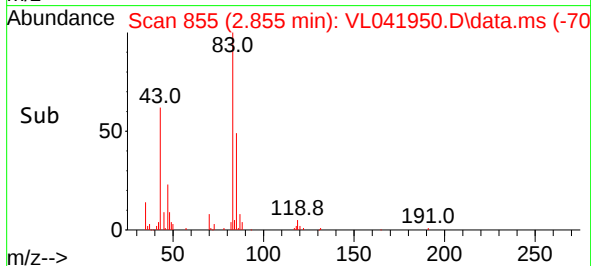
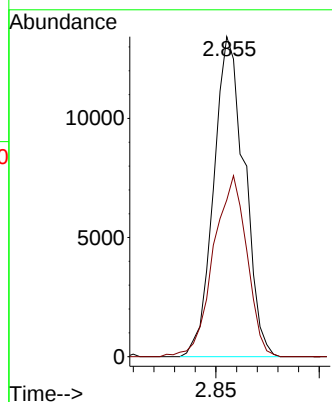
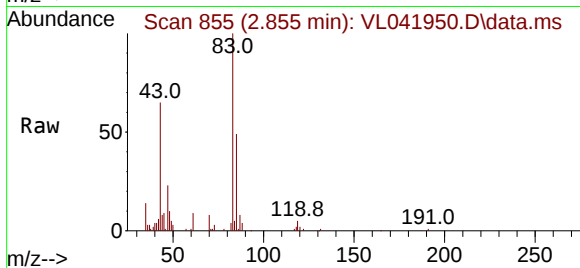
ClientSampleId :

Tgt Ion: 83 Resp: 13909

Ion Ratio Lower Upper

83 100

85 49.0 50.1 75.1#



#30

Cyclohexane

Concen: 0.188 ppbv

RT: 3.872 min Scan# 1169

Delta R.T. 0.004 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

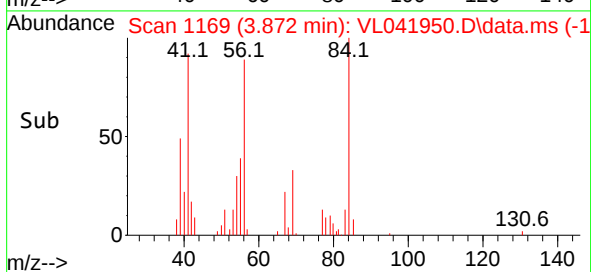
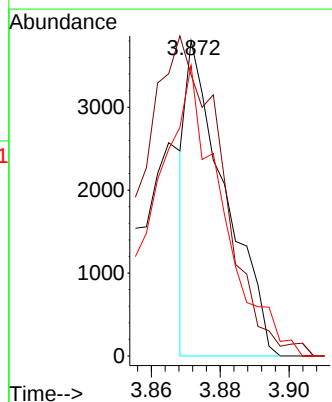
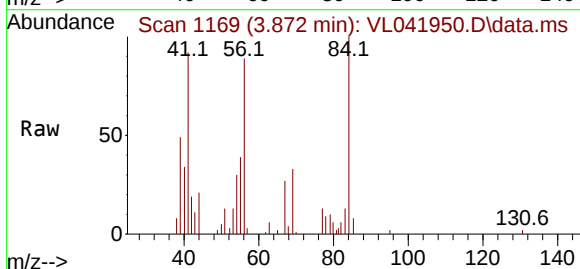
Tgt Ion: 84 Resp: 2928

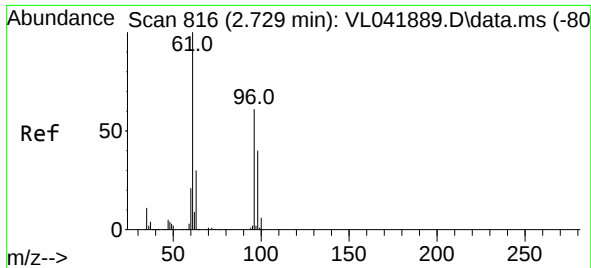
Ion Ratio Lower Upper

84 100

56 220.6 99.3 148.9#

41 171.9 64.3 96.5#

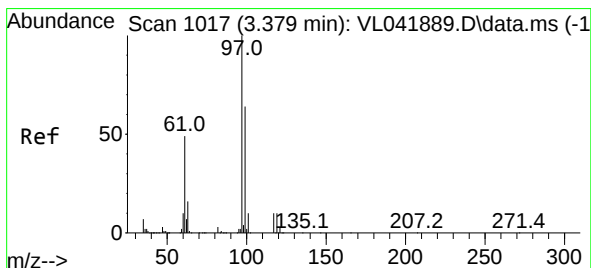
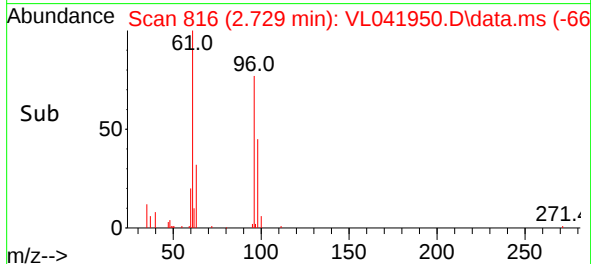
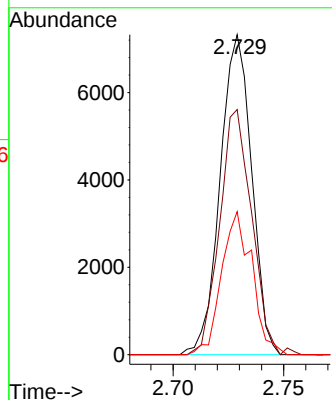
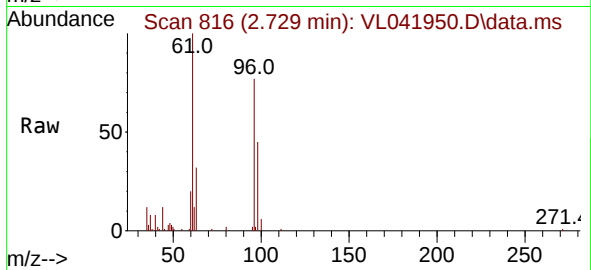




#31
cis-1,2-Dichloroethene
Concen: 0.383 ppbv
RT: 2.729 min Scan# 816
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

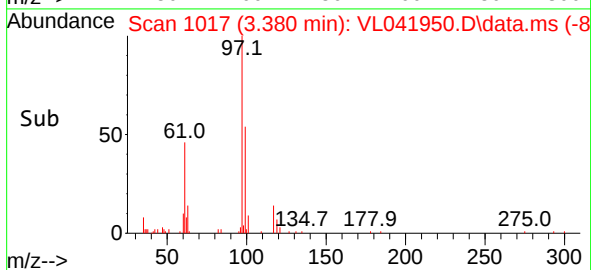
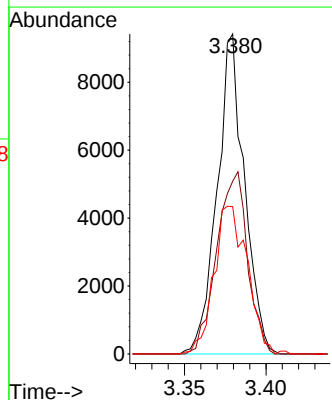
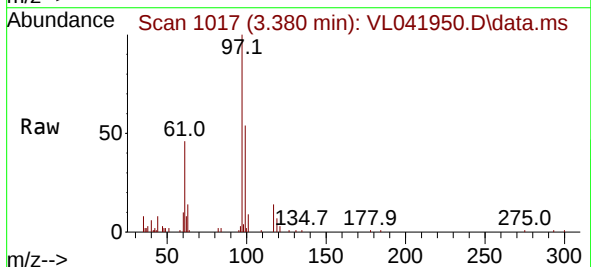
Instrument :
MSVOA_L
ClientSampleId :

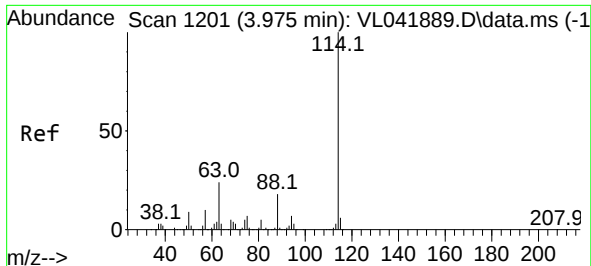
Tgt Ion: 61 Resp: 7261
Ion Ratio Lower Upper
61 100
96 76.6 48.7 73.1#
98 44.7 31.6 47.4



#32
1,1,1-Trichloroethane
Concen: 0.403 ppbv
RT: 3.380 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion: 97 Resp: 10968
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 56.4 39.0 58.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.972 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Instrument :

MSVOA_L

ClientSampleId :

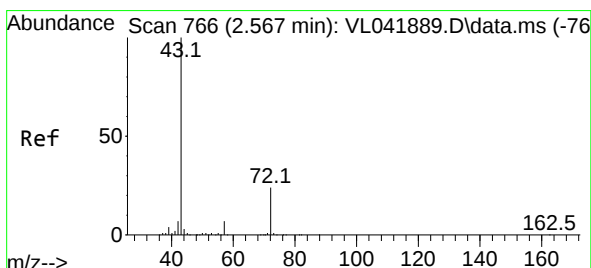
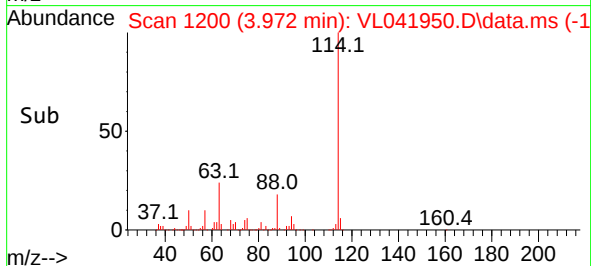
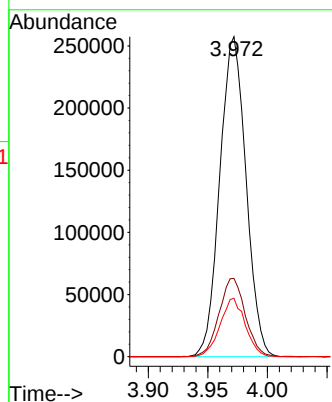
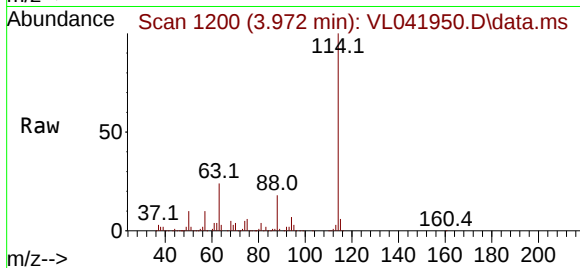
Tgt Ion:114 Resp: 393689

Ion Ratio Lower Upper

114 100

63 24.6 19.8 29.6

88 17.5 14.4 21.6



#34

2-Butanone

Concen: 0.467 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.004 min

Lab File: VL041950.D

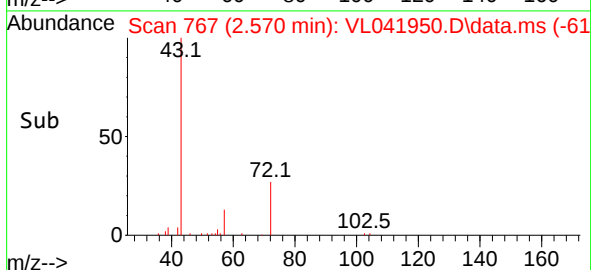
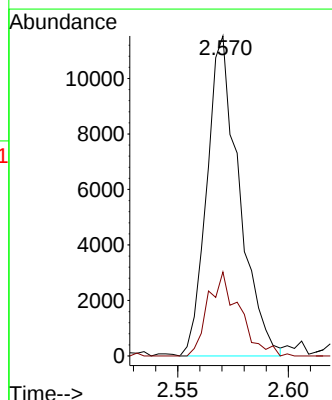
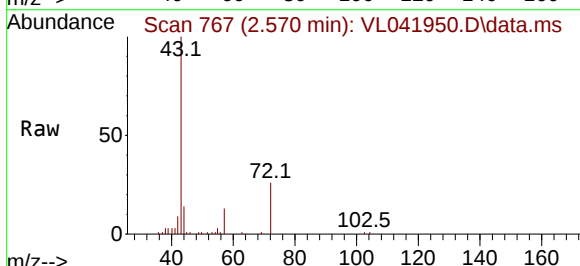
Acq: 27 Jan 2025 14:06

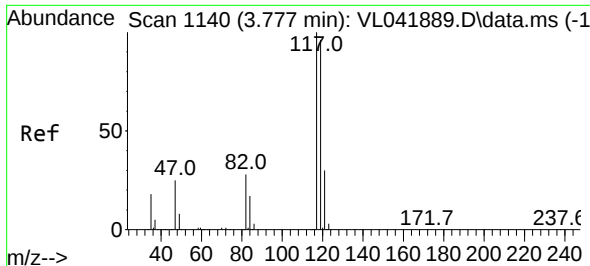
Tgt Ion: 43 Resp: 11680

Ion Ratio Lower Upper

43 100

72 25.7 18.6 28.0

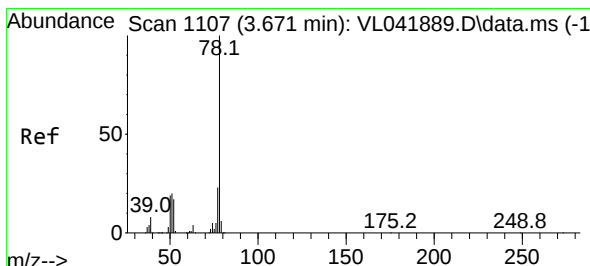
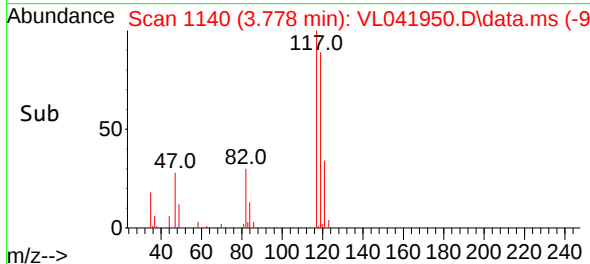
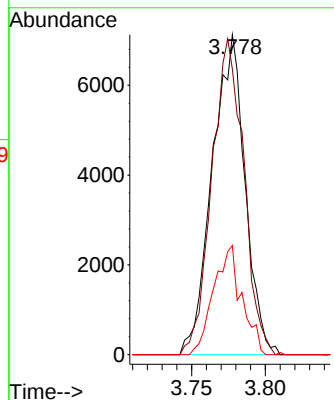
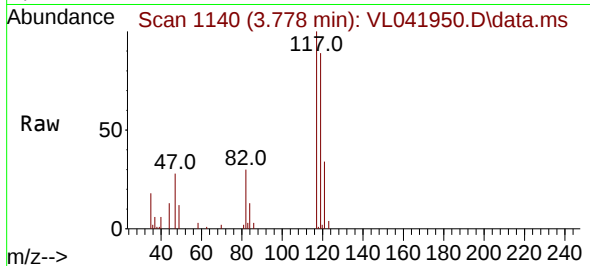




#35
Carbon Tetrachloride
Concen: 0.446 ppbv
RT: 3.778 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

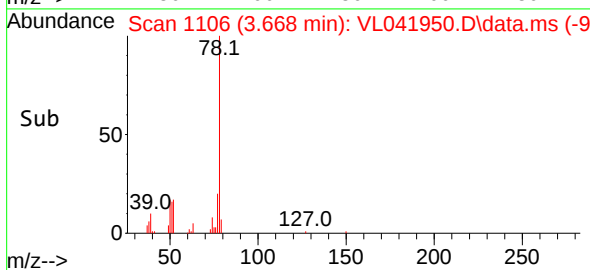
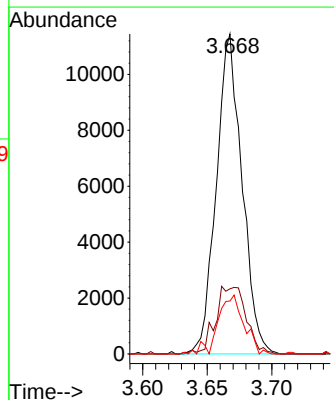
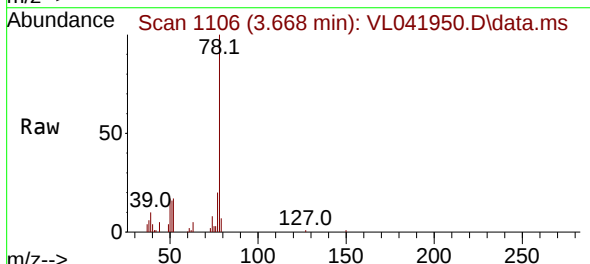
Instrument :
MSVOA_L
ClientSampleId :

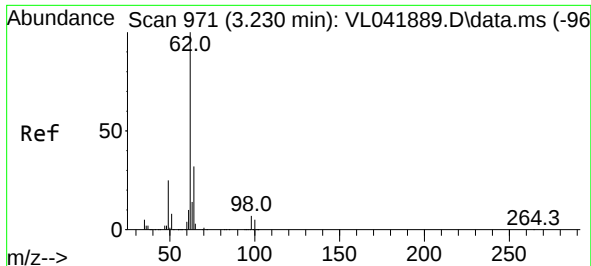
Tgt Ion:117 Resp: 11019
Ion Ratio Lower Upper
117 100
119 89.3 76.9 115.3
121 34.1 23.8 35.6



#36
Benzene
Concen: 0.439 ppbv
RT: 3.668 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion: 78 Resp: 15852
Ion Ratio Lower Upper
78 100
77 20.3 18.1 27.1
50 16.6 15.2 22.8





#37

1,2-Dichloroethane

Concen: 0.496 ppbv

RT: 3.227 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Instrument :

MSVOA_L

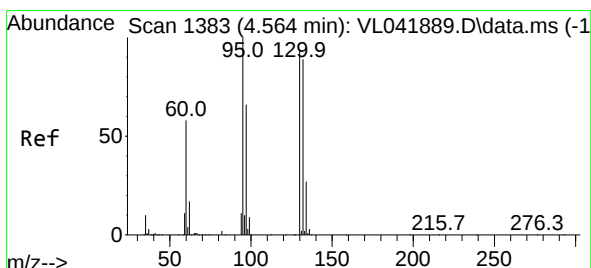
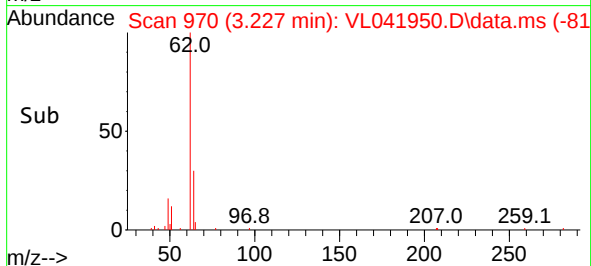
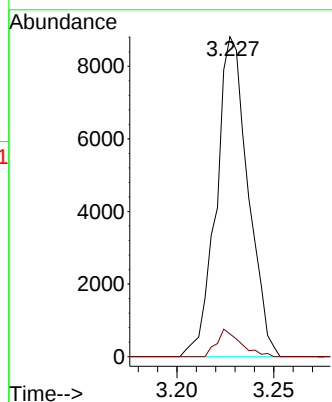
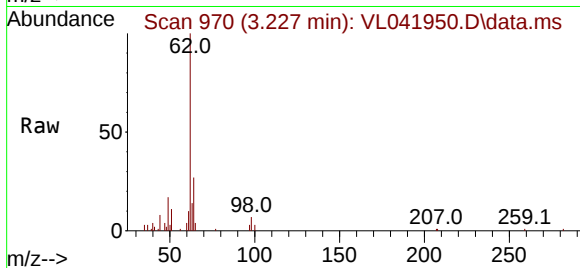
ClientSampleId :

Tgt Ion: 62 Resp: 10062

Ion Ratio Lower Upper

62 100

98 6.4 5.4 8.0



#38

Trichloroethene

Concen: 0.476 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Tgt Ion:130 Resp: 6821

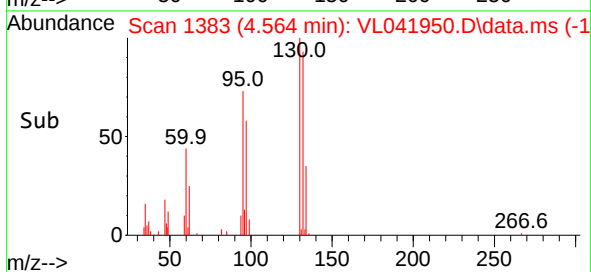
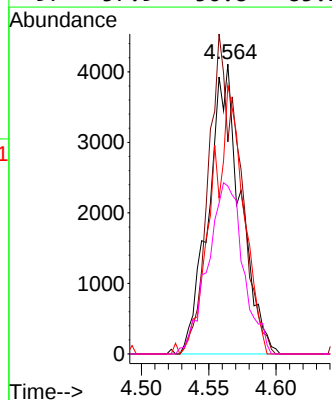
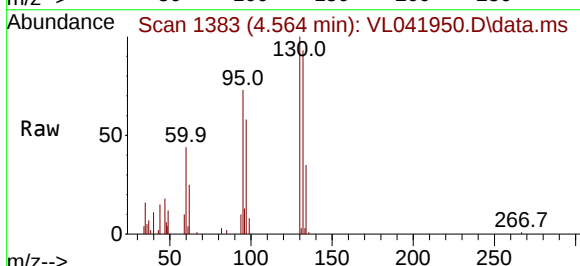
Ion Ratio Lower Upper

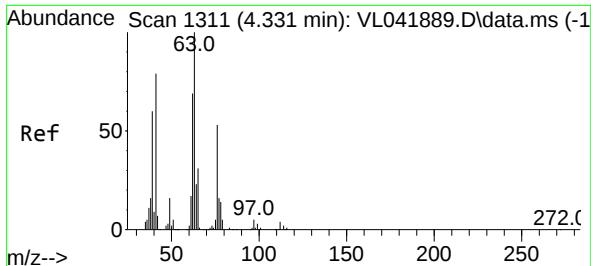
130 100

95 73.2 85.8 128.8#

132 92.7 76.5 114.7

97 57.9 56.8 85.2





#39

1,2-Dichloropropane

Concen: 0.487 ppbv

RT: 4.325 min Scan# 1309

Delta R.T. -0.006 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Instrument :

MSVOA_L

ClientSampleId :

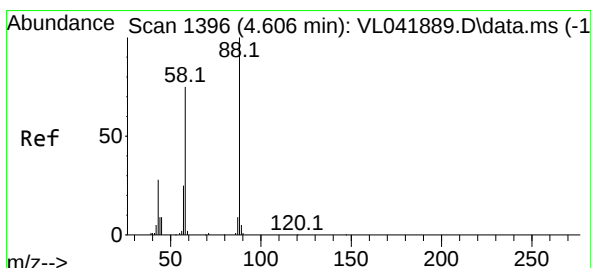
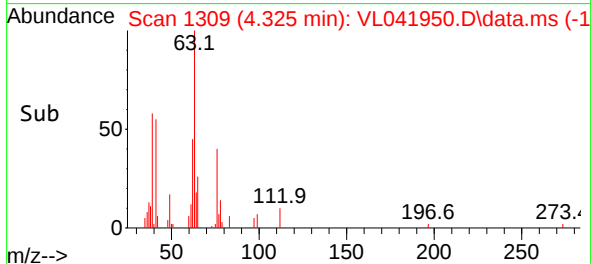
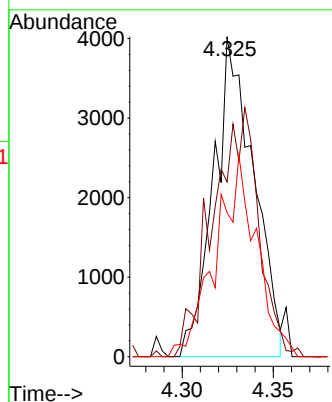
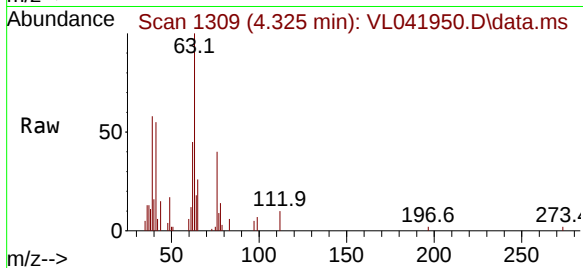
Tgt Ion: 63 Resp: 6174

Ion Ratio Lower Upper

63 100

41 51.4 63.7 95.5#

62 41.2 55.4 83.2#



#40

1,4-Dioxane

Concen: 0.070 ppbv

RT: 4.613 min Scan# 1398

Delta R.T. 0.007 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Tgt Ion: 88 Resp: 448

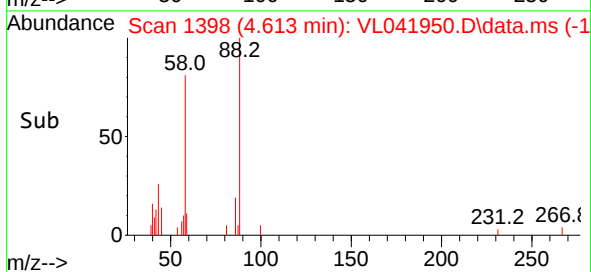
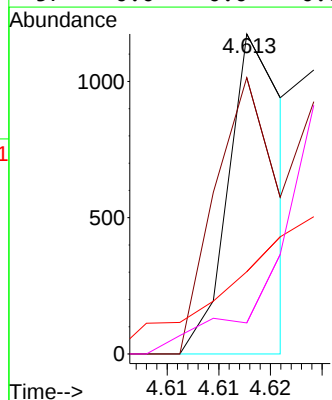
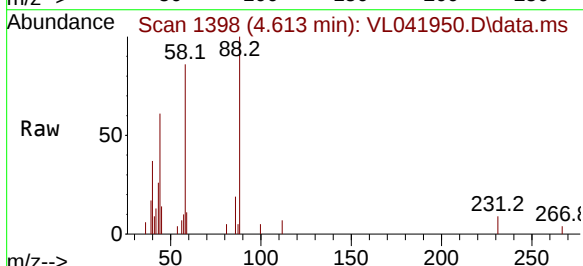
Ion Ratio Lower Upper

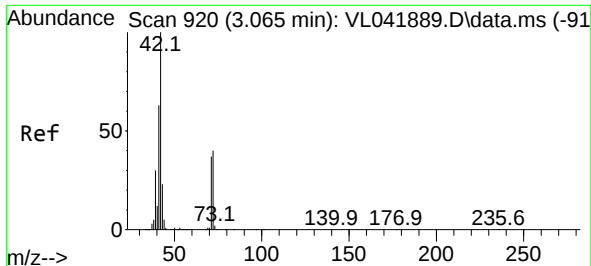
88 100

58 0.0 62.1 93.1#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.392 ppbv

RT: 3.075 min Scan# 91

Delta R.T. 0.010 min

Lab File: VL041950.D

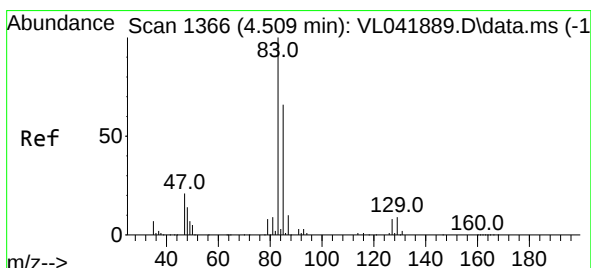
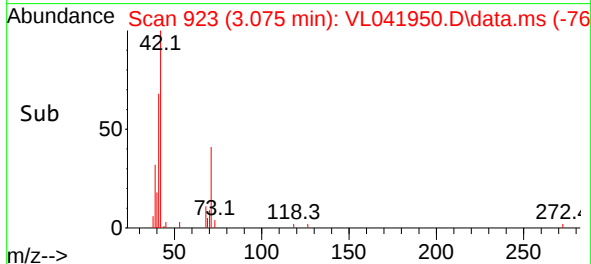
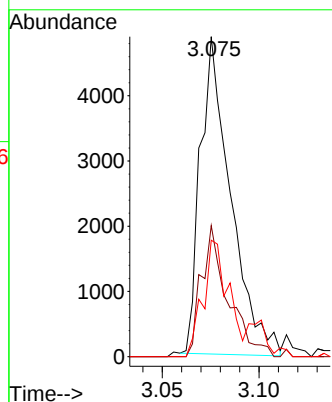
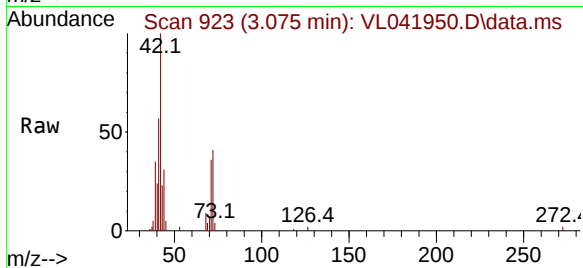
Acq: 27 Jan 2025 14:06

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	42	Resp:	5330
Ion	Ratio	Lower	Upper
42	100		
72	36.5	32.3	48.5
71	37.7	29.9	44.9



#42

Bromodichloromethane

Concen: 0.430 ppbv

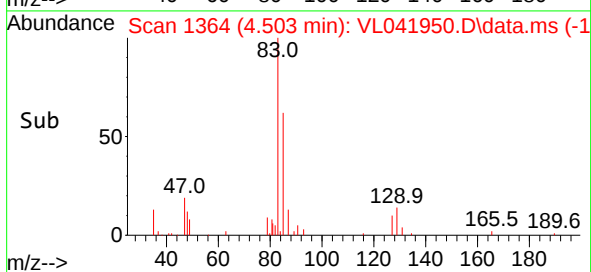
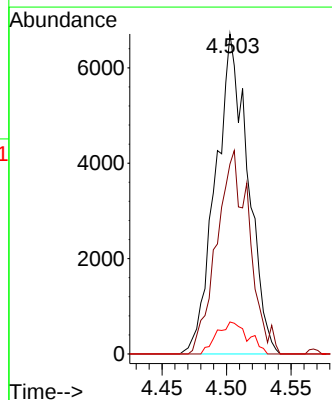
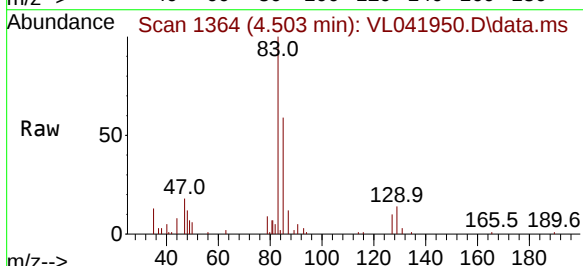
RT: 4.503 min Scan# 1364

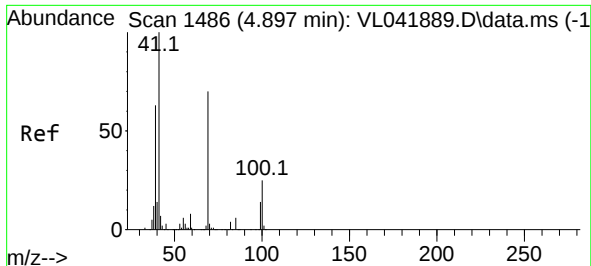
Delta R.T. -0.006 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Tgt Ion:	83	Resp:	11701
Ion	Ratio	Lower	Upper
83	100		
85	59.4	52.6	78.8
127	10.0	6.4	9.6

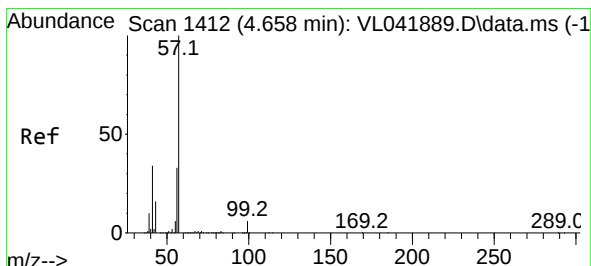
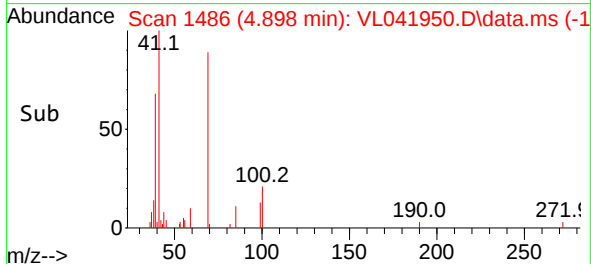
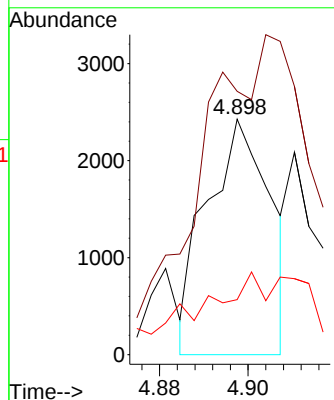
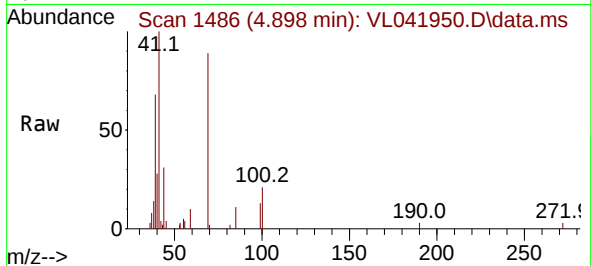




#43
Methyl Methacrylate
Concen: 0.179 ppbv
RT: 4.898 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

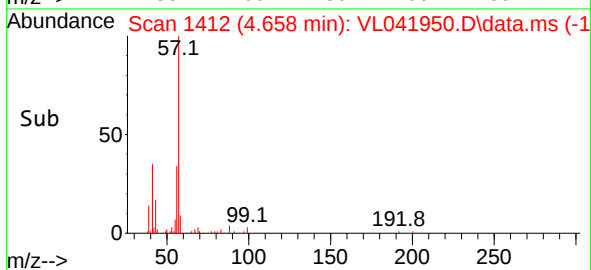
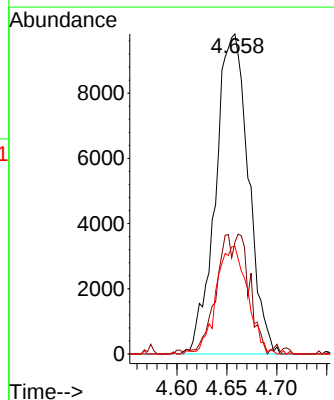
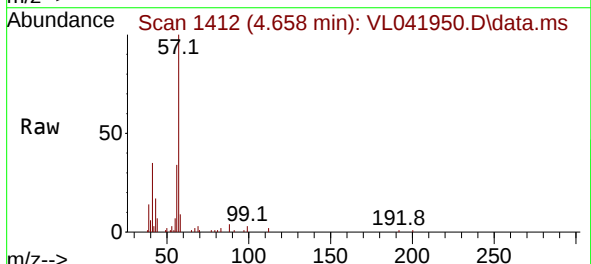
Instrument :
MSVOA_L
ClientSampleId :

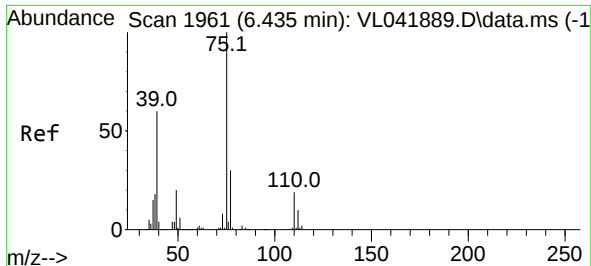
Tgt Ion: 69 Resp: 2405
Ion Ratio Lower Upper
69 100
41 277.2 118.6 177.8#
100 68.7 29.3 43.9#



#44
2,2,4-Trimethylpentane
Concen: 0.385 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion: 57 Resp: 22463
Ion Ratio Lower Upper
57 100
41 38.3 26.6 40.0
56 32.2 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 0.097 ppbv

RT: 6.441 min Scan# 1961

Delta R.T. 0.007 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Instrument :

MSVOA_L

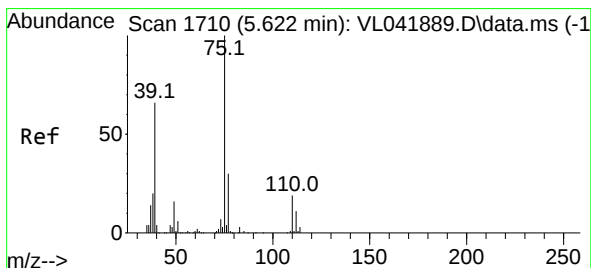
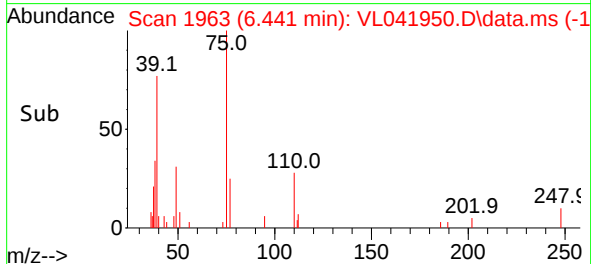
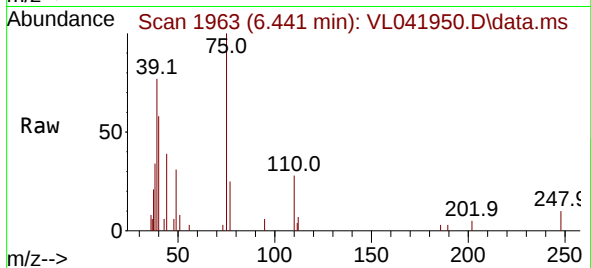
ClientSampleId :

Tgt Ion: 75 Resp: 1212

Ion Ratio Lower Upper

75 100

77 24.9 24.3 36.5



#46

cis-1,3-Dichloropropene

Concen: 0.142 ppbv

RT: 5.623 min Scan# 1710

Delta R.T. 0.000 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

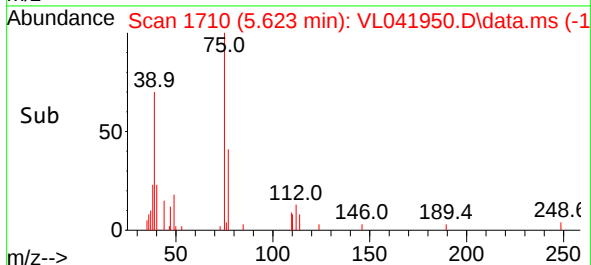
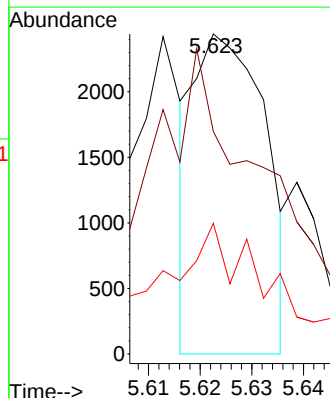
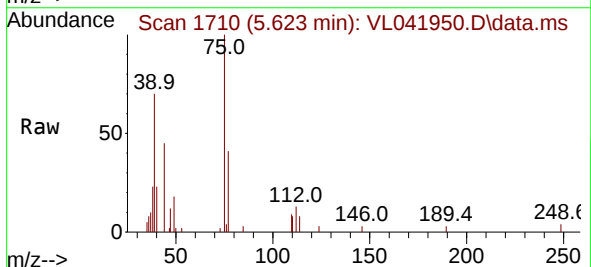
Tgt Ion: 75 Resp: 2345

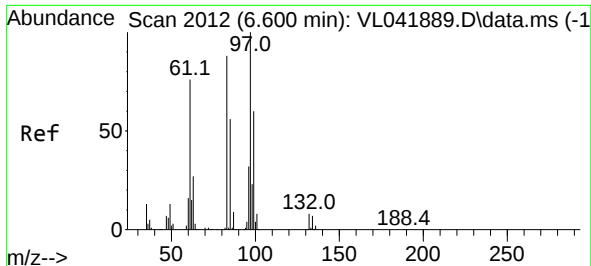
Ion Ratio Lower Upper

75 100

39 24.9 53.1 79.7#

77 32.2 23.8 35.8

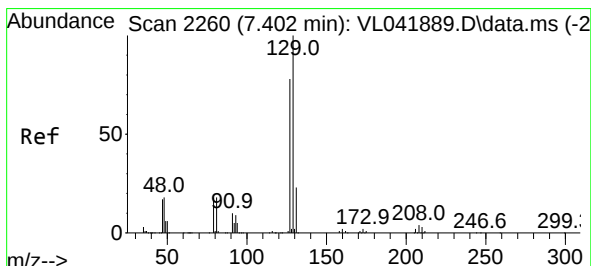
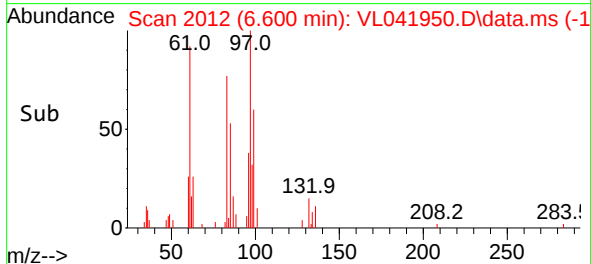
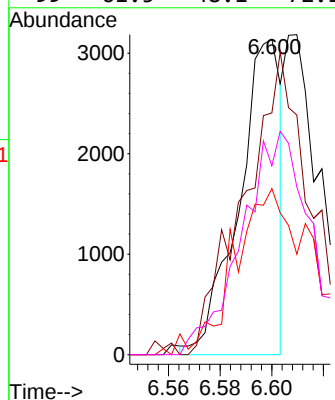
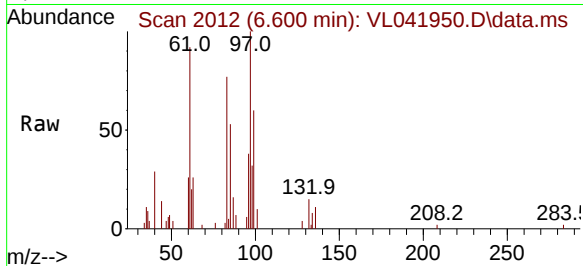




#47
1,1,2-Trichloroethane
Concen: 0.263 ppbv
RT: 6.600 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

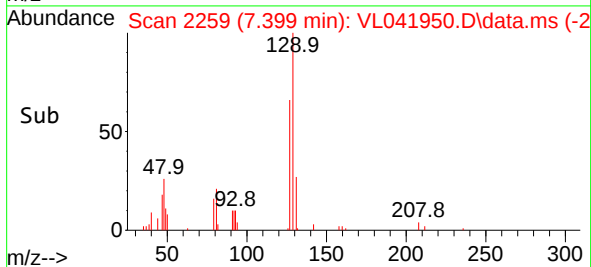
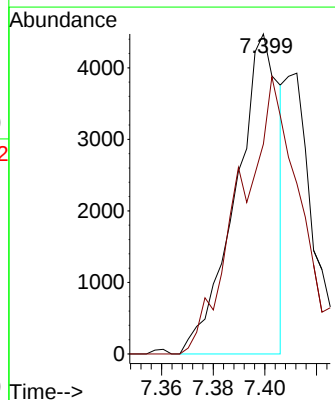
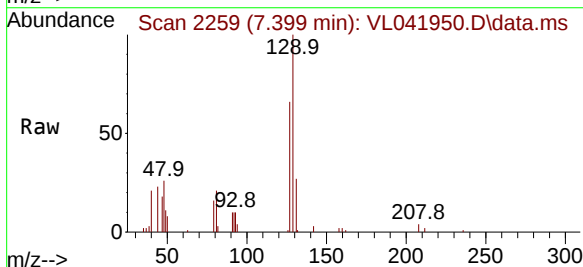
Instrument :
MSVOA_L
ClientSampleId :

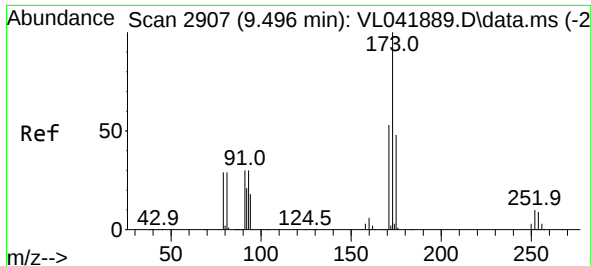
Tgt Ion:	97	Resp:	3536
Ion	Ratio	Lower	Upper
97	100		
83	78.8	70.4	105.6
85	47.3	45.0	67.4
99	61.5	48.1	72.1



#48
Dibromochloromethane
Concen: 0.252 ppbv
RT: 7.399 min Scan# 2259
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

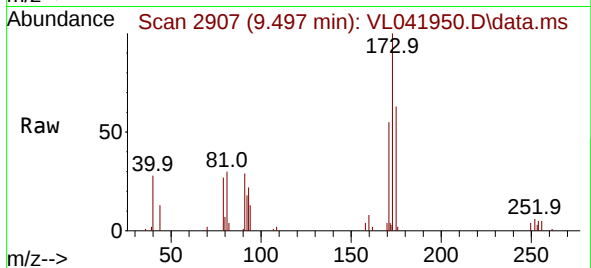
Tgt Ion:	129	Resp:	5229
Ion	Ratio	Lower	Upper
129	100		
127	121.5	39.3	117.8



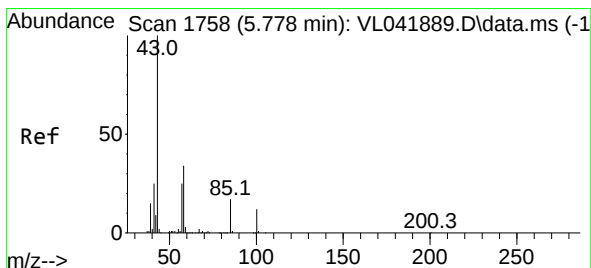
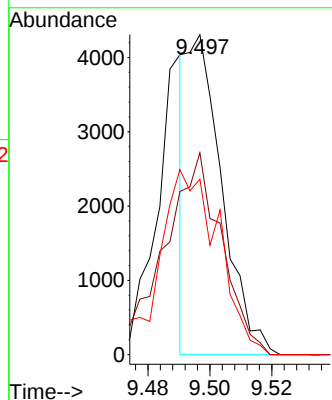
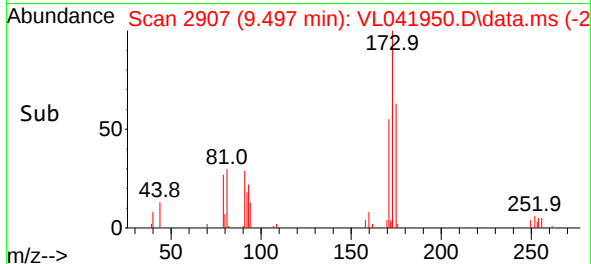


#49
Bromoform
Concen: 0.199 ppbv
RT: 9.497 min Scan# 2907
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Instrument :
MSVOA_L
ClientSampleId :

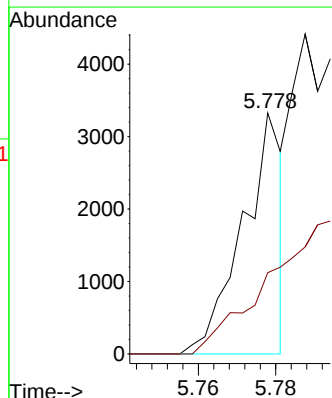
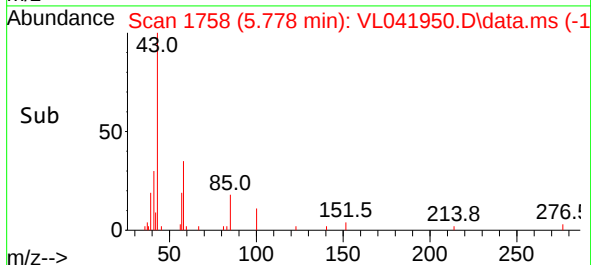
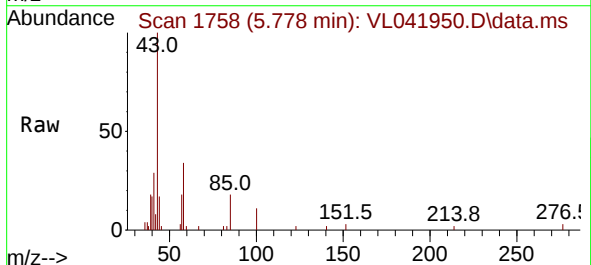


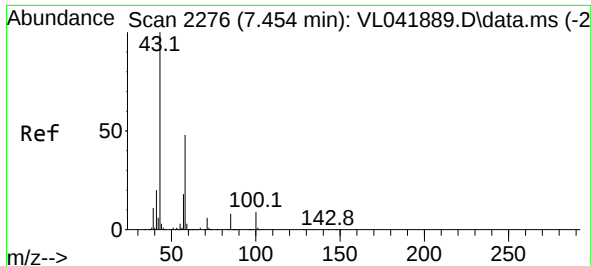
Tgt Ion:173 Resp: 3391
Ion Ratio Lower Upper
173 100
175 102.7 38.4 57.6#
171 97.7 41.4 62.2#



#50
4-Methyl-2-Pentanone
Concen: 0.069 ppbv
RT: 5.778 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion: 43 Resp: 2358
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#

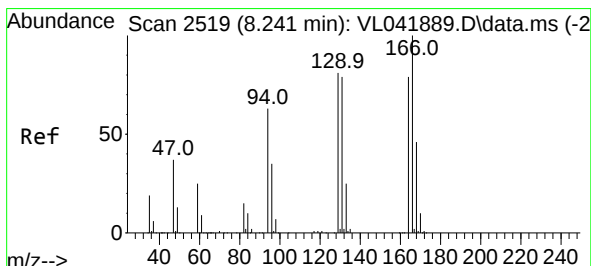
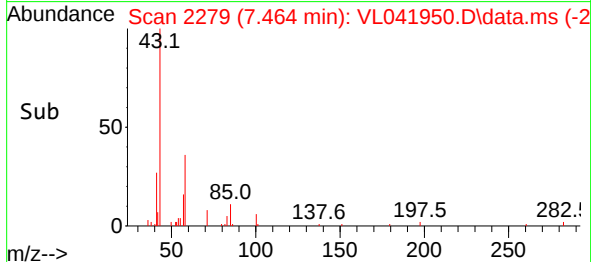
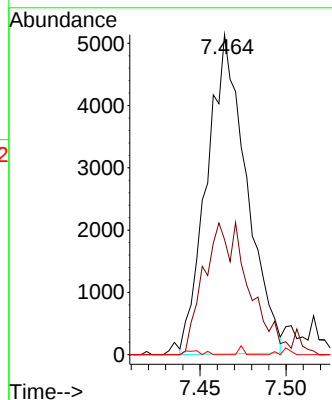
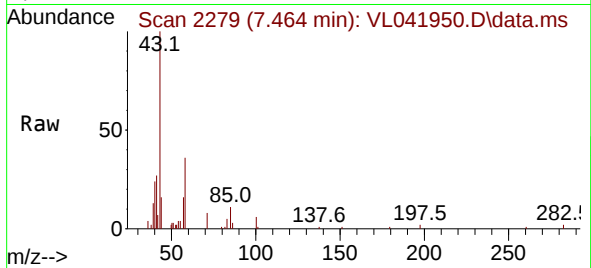




#51
2-Hexanone
Concen: 0.314 ppbv
RT: 7.464 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

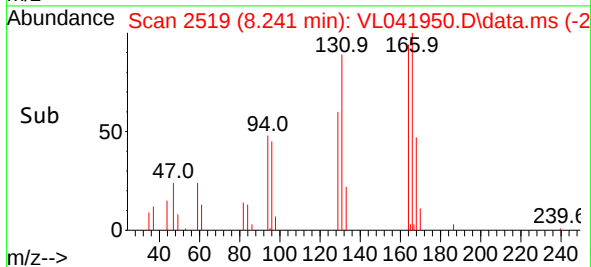
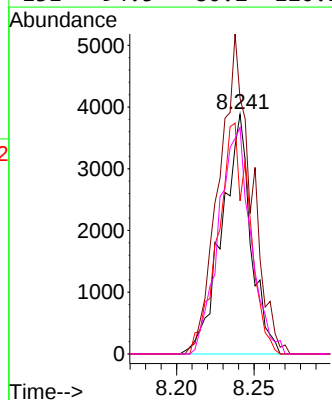
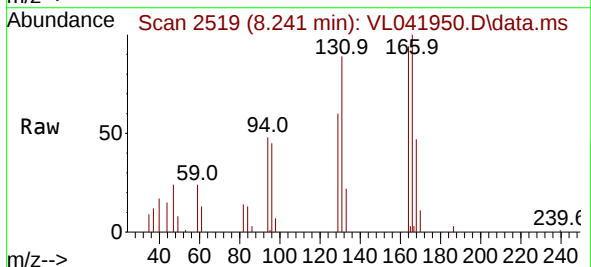
Instrument :
MSVOA_L
ClientSampleId :

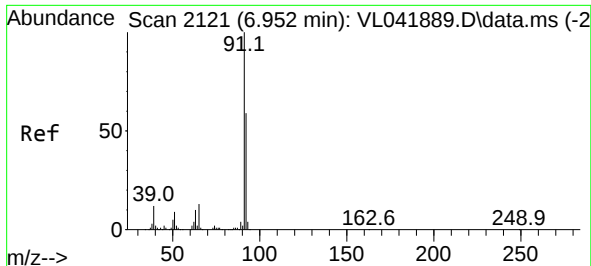
Tgt Ion: 43 Resp: 8250
Ion Ratio Lower Upper
43 100
58 48.2 40.4 60.6
98 1.4 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.405 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion: 164 Resp: 5069
Ion Ratio Lower Upper
164 100
166 106.7 100.8 151.2
129 63.9 82.0 123.0#
131 94.5 80.2 120.2

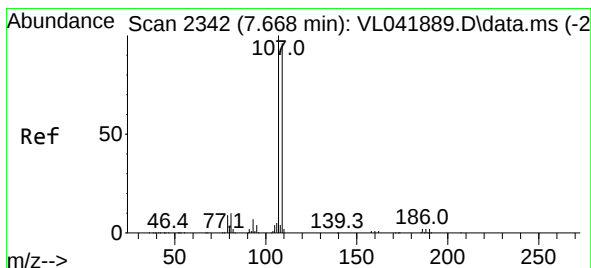
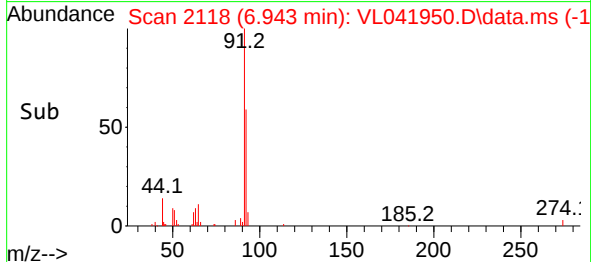
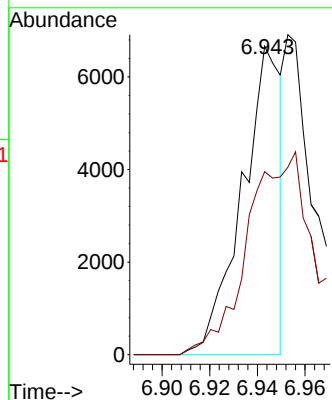
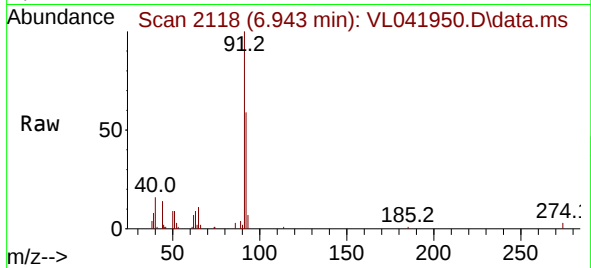




#53
Toluene
Concen: 0.191 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. -0.009 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

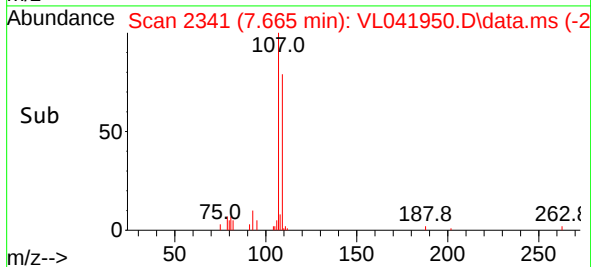
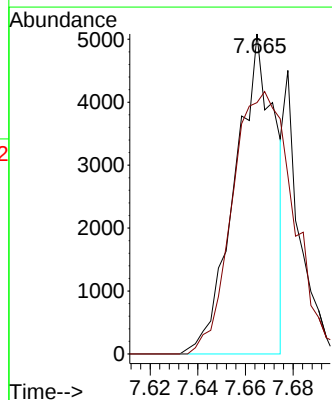
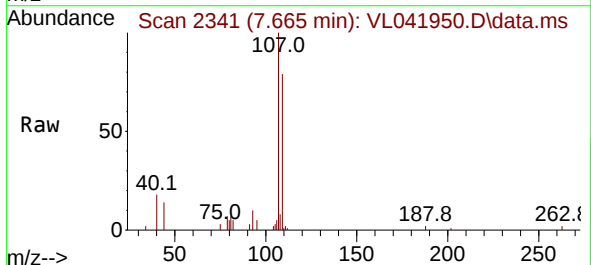
Instrument :
MSVOA_L
ClientSampleId :

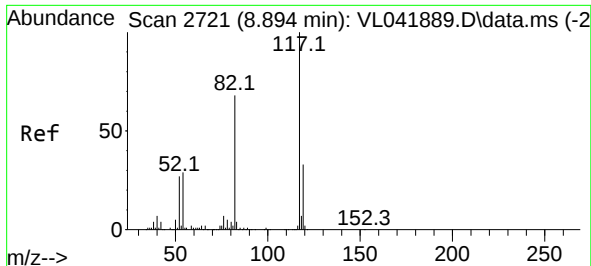
Tgt Ion: 91 Resp: 7507
Ion Ratio Lower Upper
91 100
92 0.0 47.4 71.0#



#54
1,2-Dibromoethane
Concen: 0.323 ppbv
RT: 7.665 min Scan# 2341
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

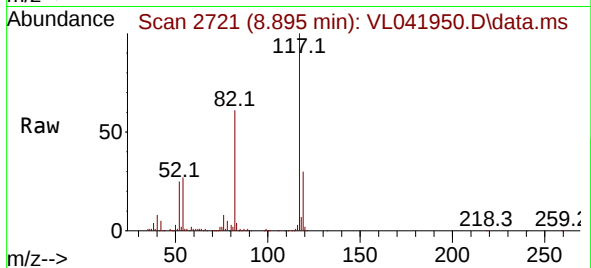
Tgt Ion: 107 Resp: 5958
Ion Ratio Lower Upper
107 100
109 78.5 76.7 115.1



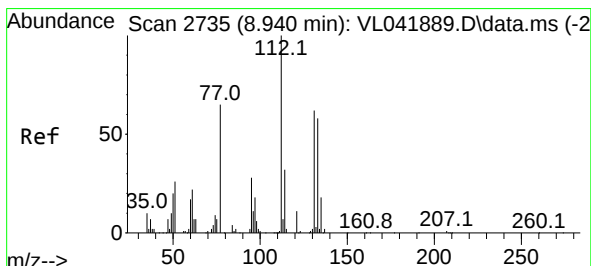
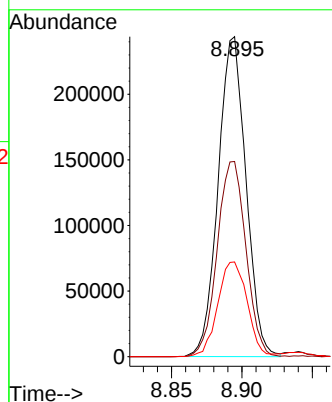
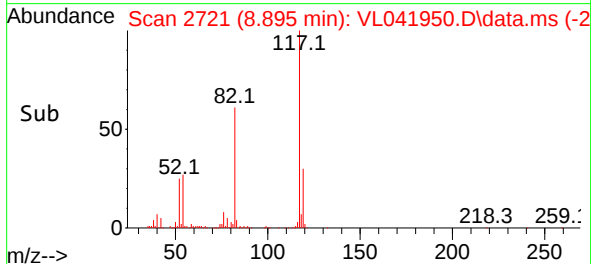


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

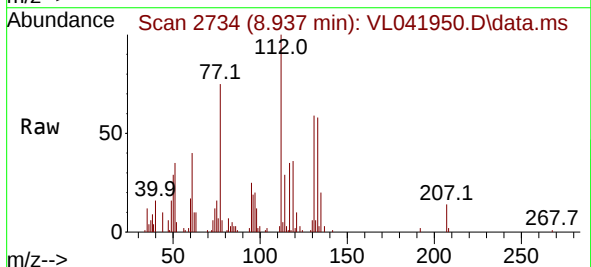
Instrument :
MSVOA_L
ClientSampleId :



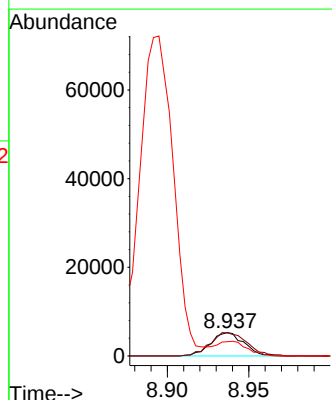
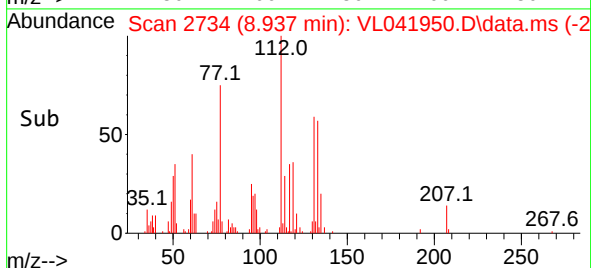
Tgt Ion:117 Resp: 335291
Ion Ratio Lower Upper
117 100
82 63.3 54.2 81.4
119 32.7 25.0 37.6

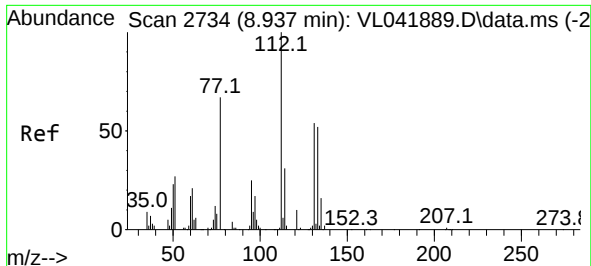


#56
1,1,1,2-Tetrachloroethane
Concen: 0.446 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06



Tgt Ion:131 Resp: 7453
Ion Ratio Lower Upper
131 100
133 110.4 76.0 114.0
119 55.3 49.7 74.5

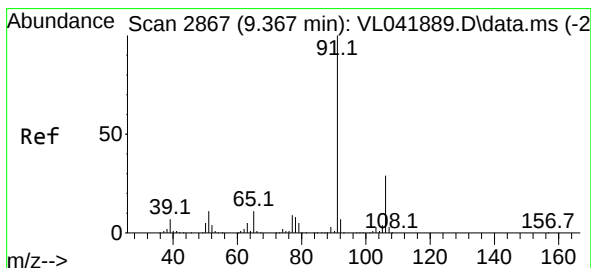
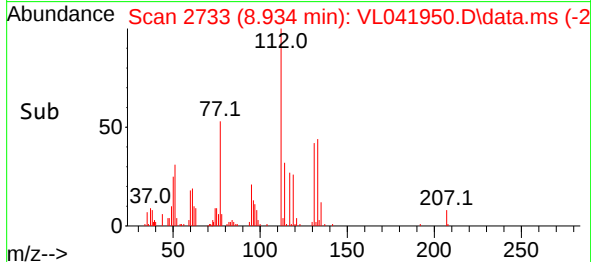
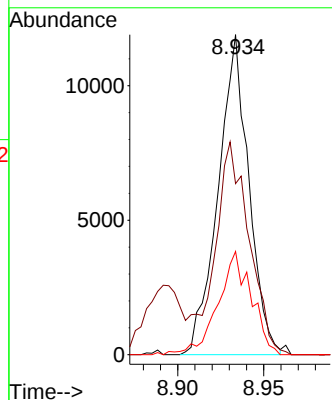
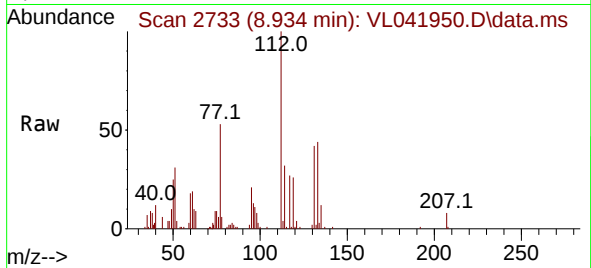




#57
Chlorobenzene
Concen: 0.476 ppbv
RT: 8.934 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

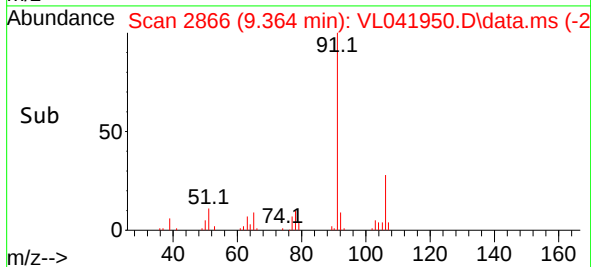
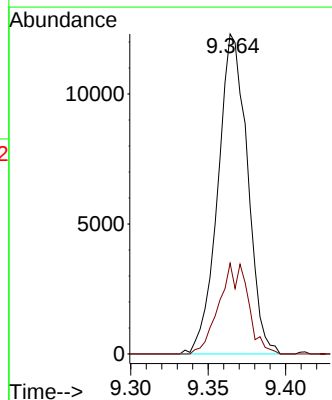
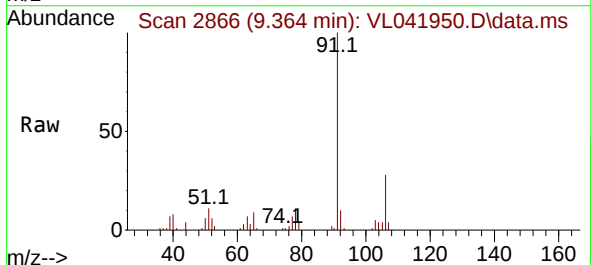
Instrument :
MSVOA_L
ClientSampleId :

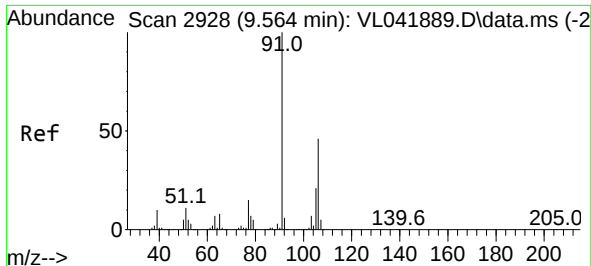
Tgt Ion:112 Resp: 14737
Ion Ratio Lower Upper
112 100
77 52.0 54.6 82.0#
114 31.2 28.2 34.4



#58
Ethyl Benzene
Concen: 0.312 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion: 91 Resp: 16332
Ion Ratio Lower Upper
91 100
106 28.3 23.1 34.7





#59

m/p-Xylene

Concen: 0.348 ppbv

RT: 9.562 min Scan# 2928

Delta R.T. -0.003 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Instrument :

MSVOA_L

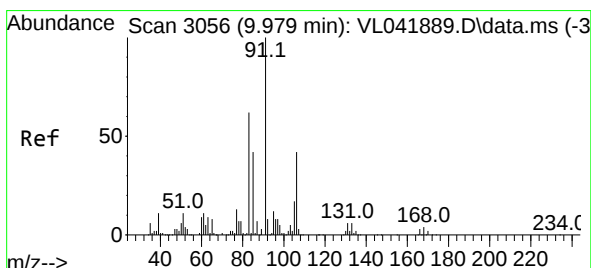
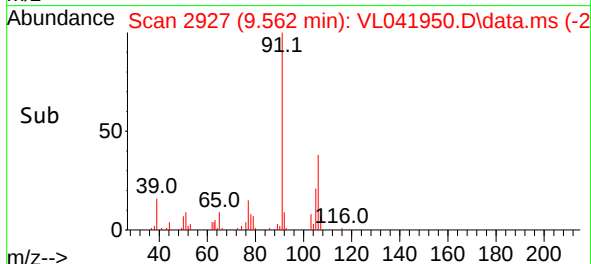
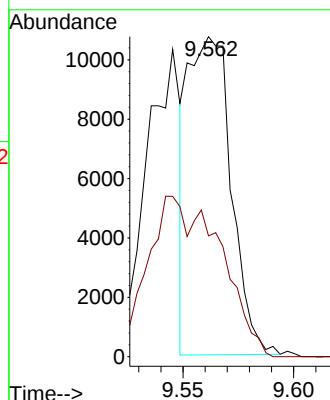
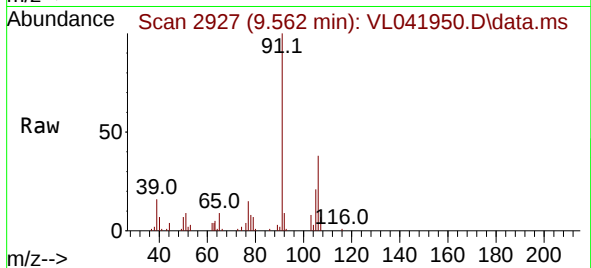
ClientSampleId :

Tgt Ion: 91 Resp: 14615

Ion Ratio Lower Upper

91 100

106 0.0 36.0 54.0#



#60

o-Xylene

Concen: 0.300 ppbv

RT: 9.973 min Scan# 3054

Delta R.T. -0.006 min

Lab File: VL041950.D

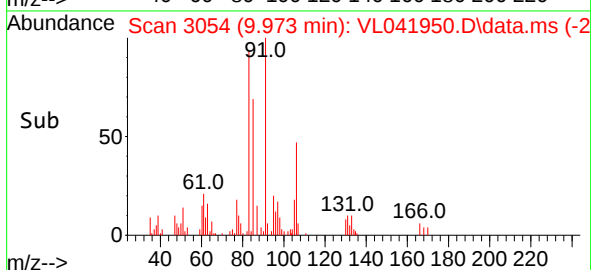
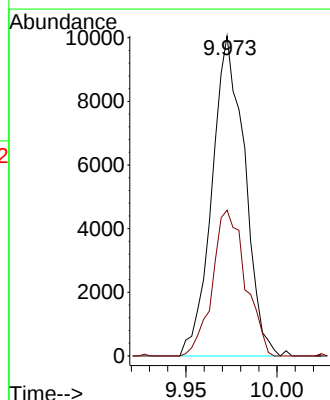
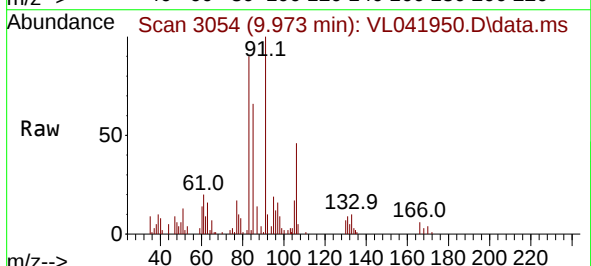
Acq: 27 Jan 2025 14:06

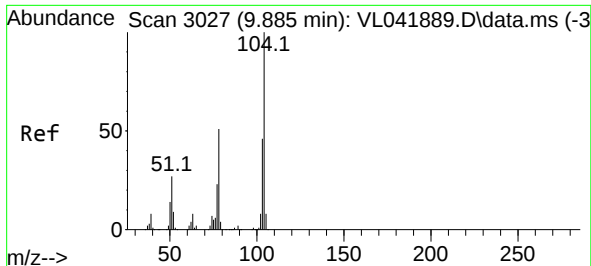
Tgt Ion: 91 Resp: 12522

Ion Ratio Lower Upper

91 100

106 46.2 21.3 63.9

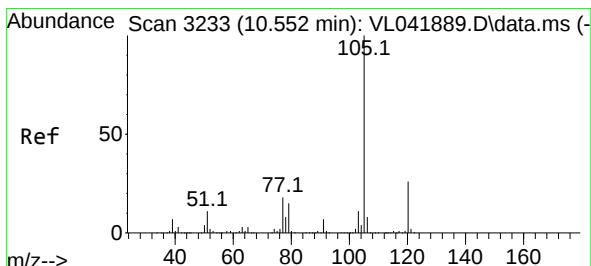
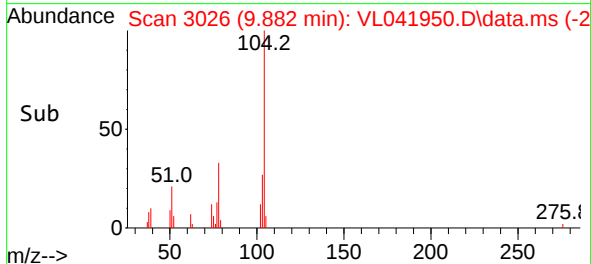
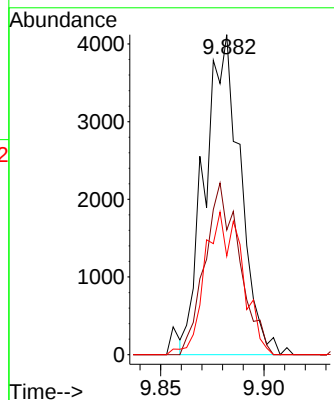
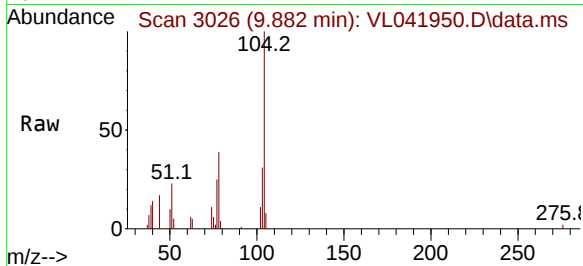




#61
Styrene
Concen: 0.264 ppbv
RT: 9.882 min Scan# 3026
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

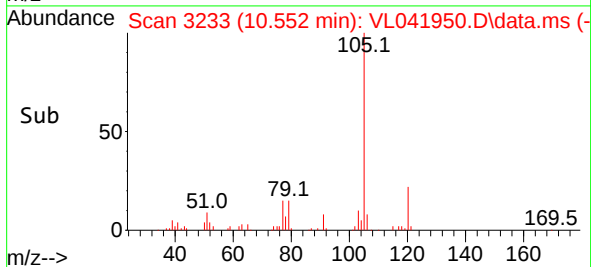
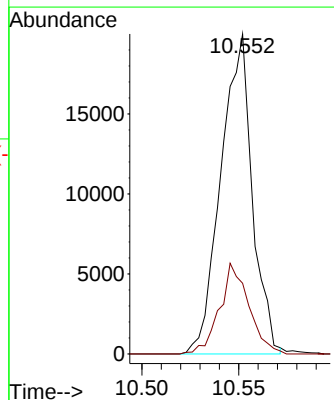
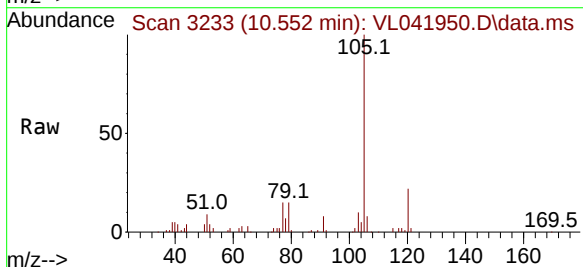
Instrument :
MSVOA_L
ClientSampleId :

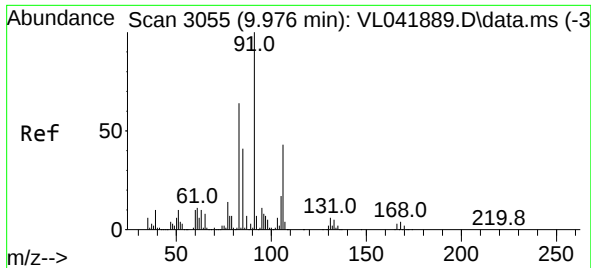
Tgt Ion:104 Resp: 4936
Ion Ratio Lower Upper
104 100
78 52.2 41.0 61.6
103 46.6 37.2 55.8



#62
Isopropylbenzene
Concen: 0.349 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion:105 Resp: 22512
Ion Ratio Lower Upper
105 100
120 26.4 20.3 30.5

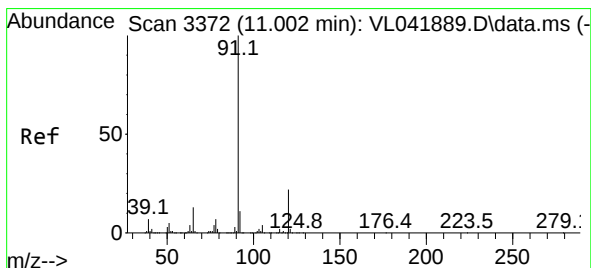
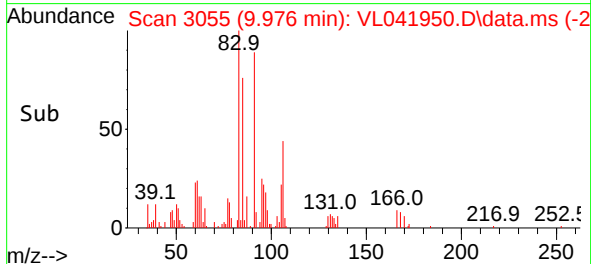
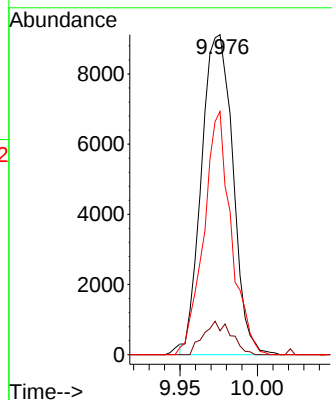
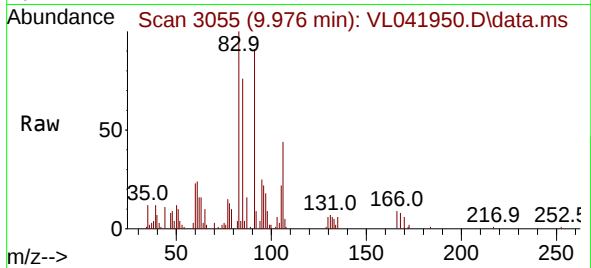




#63
1,1,2,2-Tetrachloroethane
Concen: 0.483 ppbv
RT: 9.976 min Scan# 3055
Delta R.T. 0.000 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

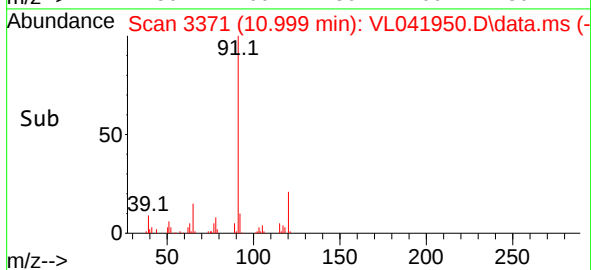
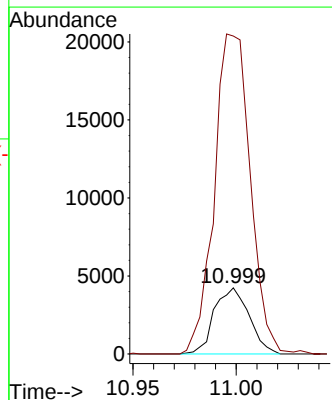
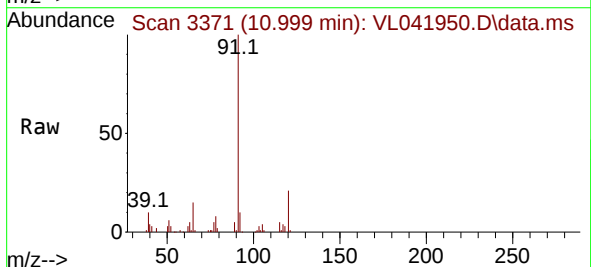
Instrument :
MSVOA_L
ClientSampleId :

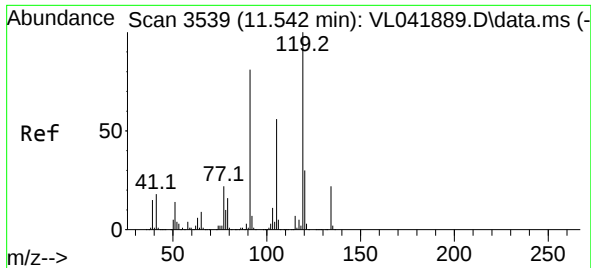
Tgt Ion: 83 Resp: 12872
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 66.1 32.4 97.2



#64
n-propylbenzene
Concen: 0.305 ppbv
RT: 10.999 min Scan# 3371
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion: 120 Resp: 4965
Ion Ratio Lower Upper
120 100
91 501.2 374.1 561.1

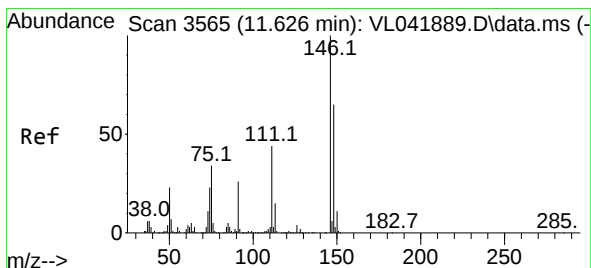
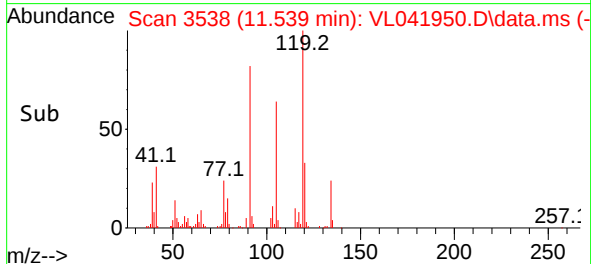
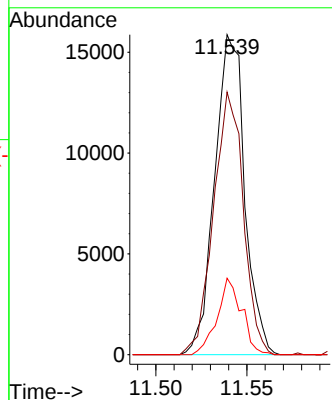
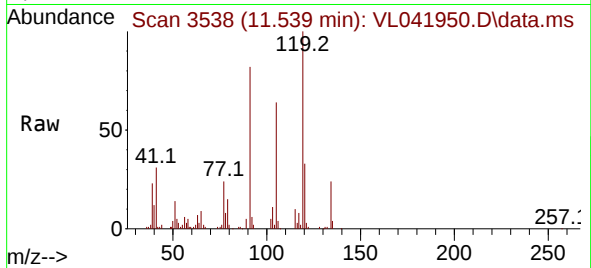




#65
tert-Butylbenzene
Concen: 0.309 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

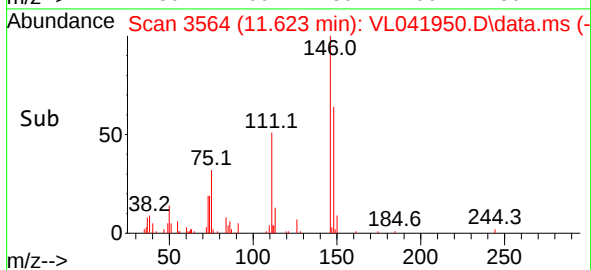
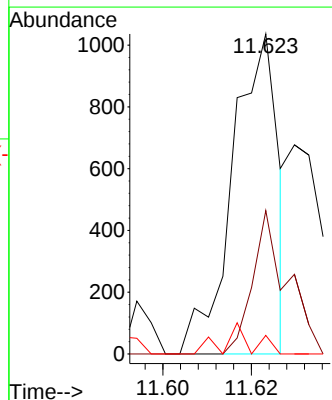
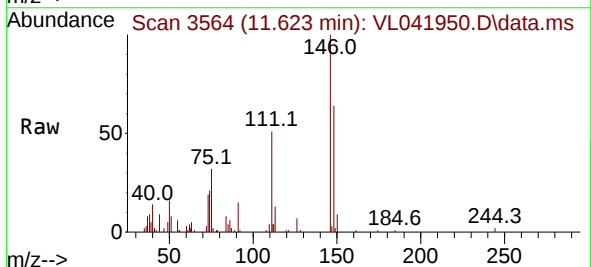
Instrument :
MSVOA_L
ClientSampleId :

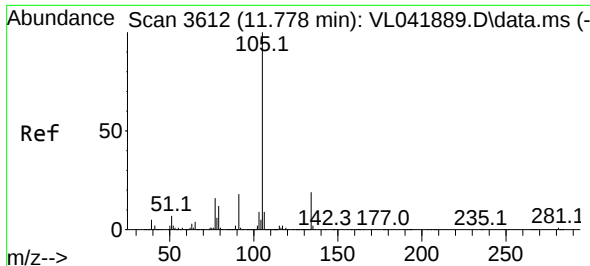
Tgt Ion:119 Resp: 18194
Ion Ratio Lower Upper
119 100
91 81.4 64.6 97.0
134 19.6 16.8 25.2



#66
Benzyl Chloride
Concen: 0.204 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion: 91 Resp: 744
Ion Ratio Lower Upper
91 100
126 33.6 14.1 21.1#
128 4.2 4.3 6.5#

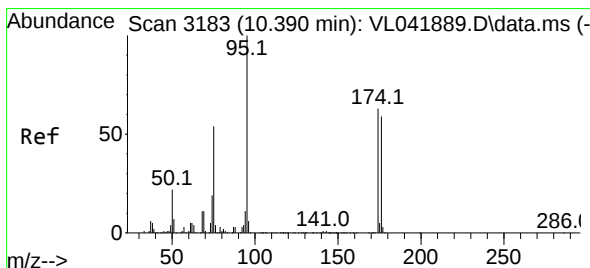
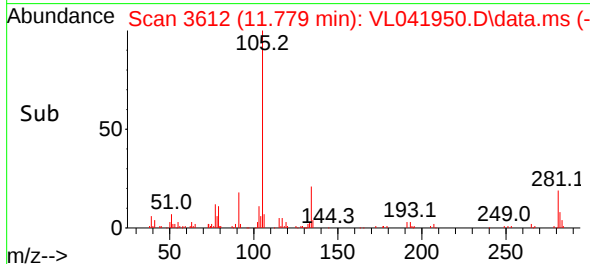
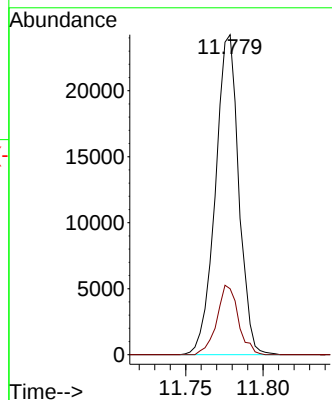
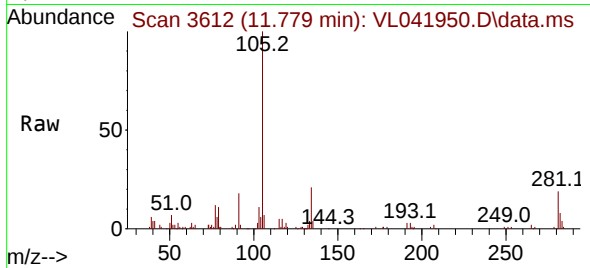




#67
 sec-Butylbenzene
 Concen: 0.314 ppbv
 RT: 11.779 min Scan# 3612
 Delta R.T. 0.000 min
 Lab File: VL041950.D
 Acq: 27 Jan 2025 14:06

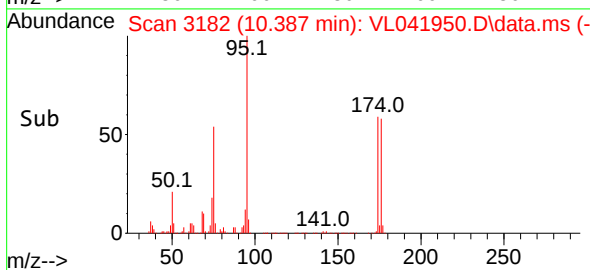
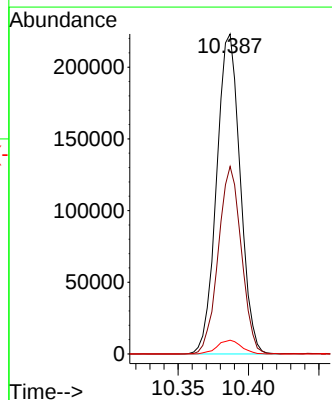
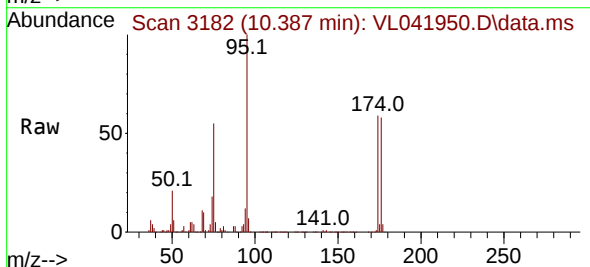
Instrument :
 MSVOA_L
 ClientSampleId :

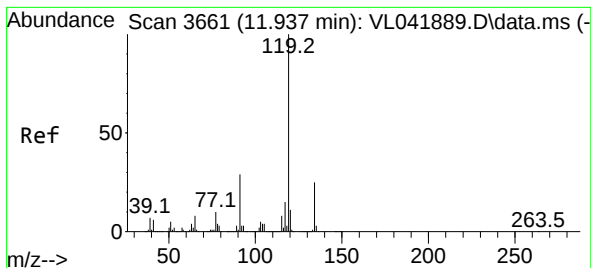
Tgt Ion:105 Resp: 25454
 Ion Ratio Lower Upper
 105 100
 134 19.9 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.840 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. -0.003 min
 Lab File: VL041950.D
 Acq: 27 Jan 2025 14:06

Tgt Ion: 95 Resp: 259853
 Ion Ratio Lower Upper
 95 100
 174 57.5 49.0 73.4
 175 4.4 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.290 ppbv

RT: 11.934 min Scan# 3

Delta R.T. -0.003 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Instrument :

MSVOA_L

ClientSampleId :

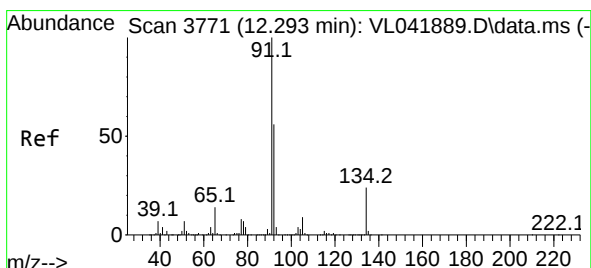
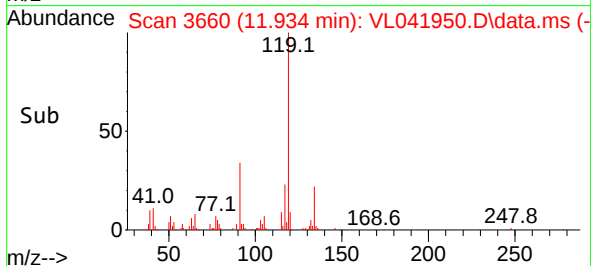
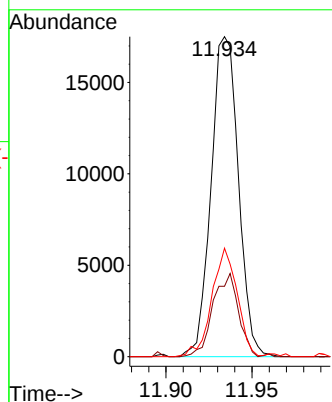
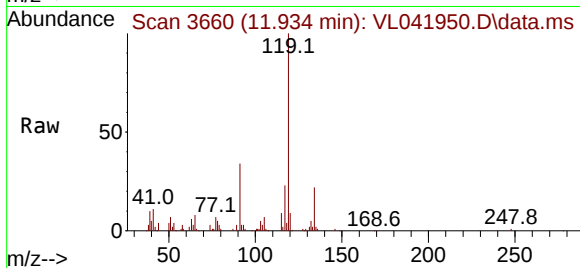
Tgt Ion:119 Resp: 19353

Ion Ratio Lower Upper

119 100

134 24.9 19.8 29.6

91 32.0 23.0 34.4



#70

n-Butylbenzene

Concen: 0.275 ppbv

RT: 12.290 min Scan# 3770

Delta R.T. -0.003 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

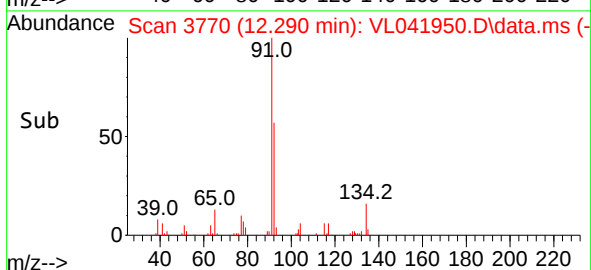
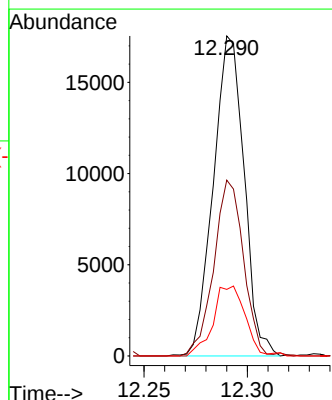
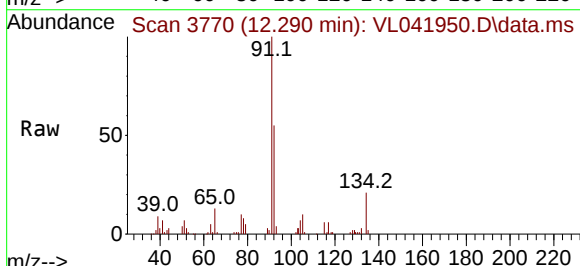
Tgt Ion: 91 Resp: 18157

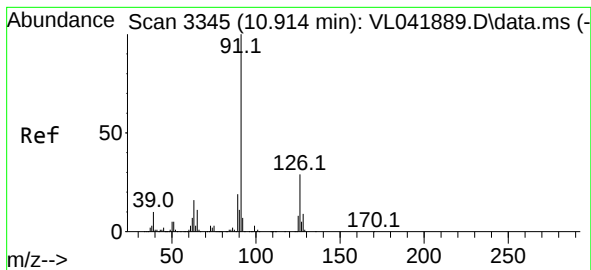
Ion Ratio Lower Upper

91 100

92 53.3 43.8 65.6

134 22.9 19.0 28.6

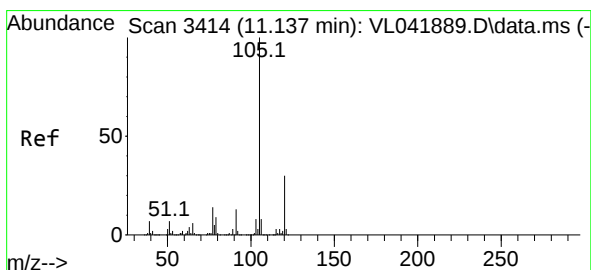
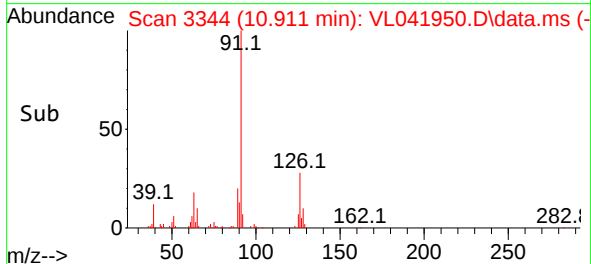
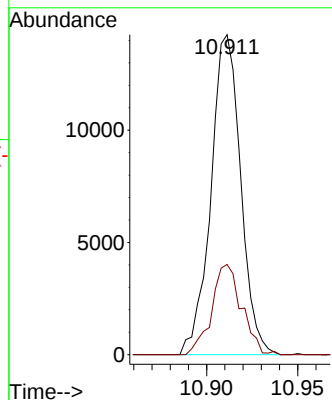
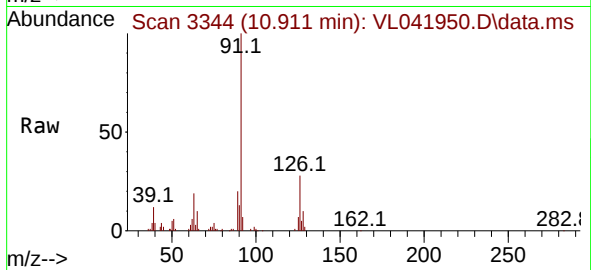




#71
2-Chlorotoluene
Concen: 0.340 ppbv
RT: 10.911 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

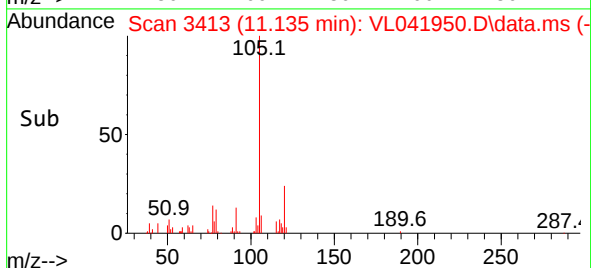
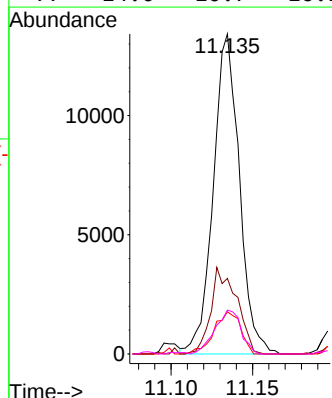
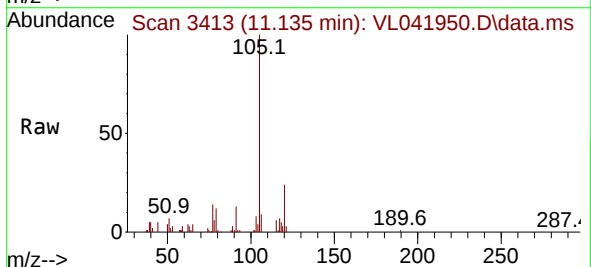
Instrument :
MSVOA_L
ClientSampleId :

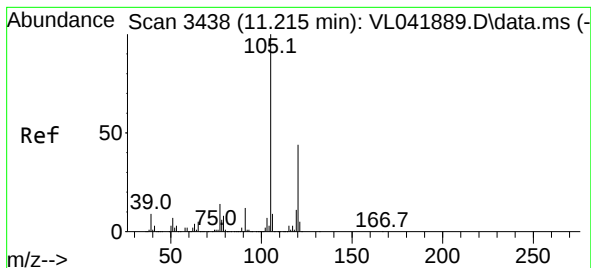
Tgt Ion: 91 Resp: 16241
Ion Ratio Lower Upper
91 100
126 28.4 11.7 46.7



#72
4-Ethyltoluene
Concen: 0.300 ppbv
RT: 11.135 min Scan# 3413
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

Tgt Ion:105 Resp: 14941
Ion Ratio Lower Upper
105 100
120 27.1 23.7 35.5
91 13.9 10.2 15.2
77 14.0 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 0.290 ppbv

RT: 11.212 min Scan# 3438

Delta R.T. -0.003 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Instrument :

MSVOA_L

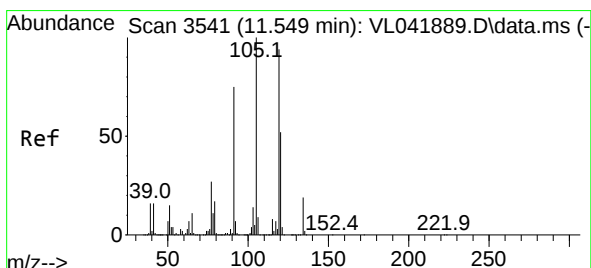
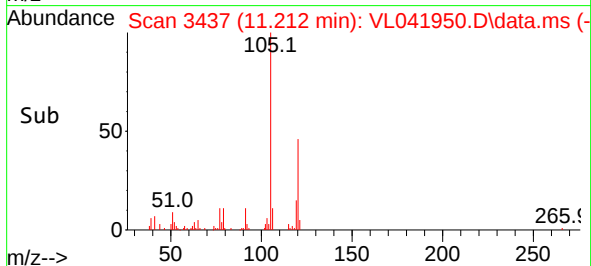
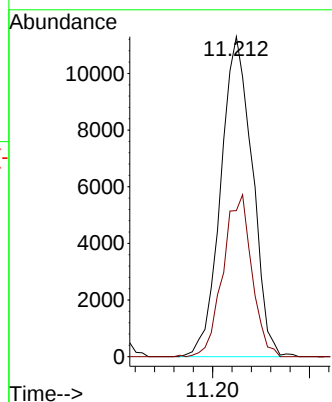
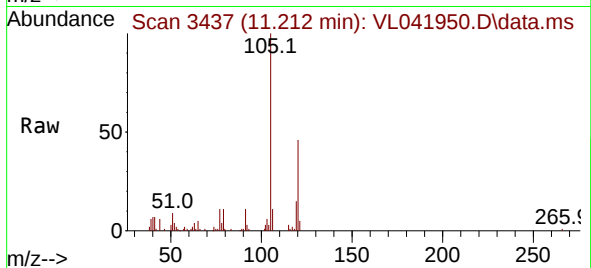
ClientSampleId :

Tgt Ion:105 Resp: 12754

Ion Ratio Lower Upper

105 100

120 45.7 35.4 53.2



#74

1,2,4-Trimethylbenzene

Concen: 0.310 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Tgt Ion:105 Resp: 14772

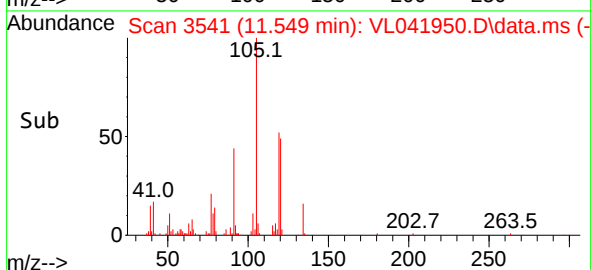
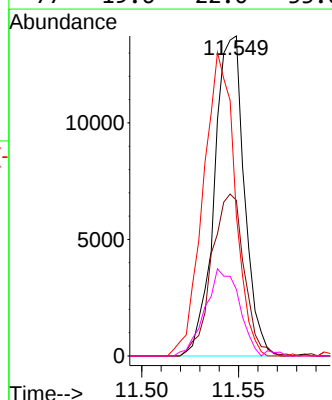
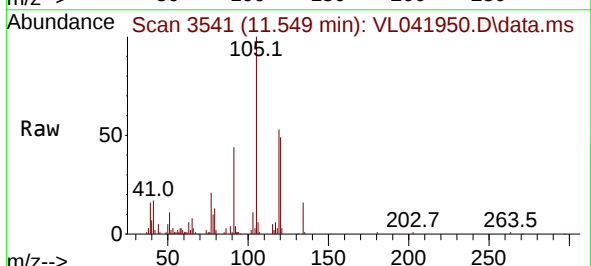
Ion Ratio Lower Upper

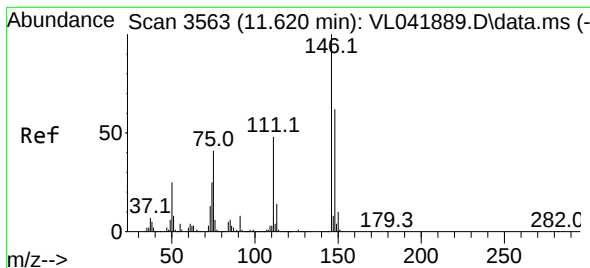
105 100

120 48.7 41.4 62.2

91 43.9 60.2 90.2#

77 19.6 22.0 33.0#





#75

1,3-Dichlorobenzene

Concen: 0.443 ppbv

RT: 11.617 min Scan# 3562

Delta R.T. -0.003 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Instrument :

MSVOA_L

ClientSampleId :

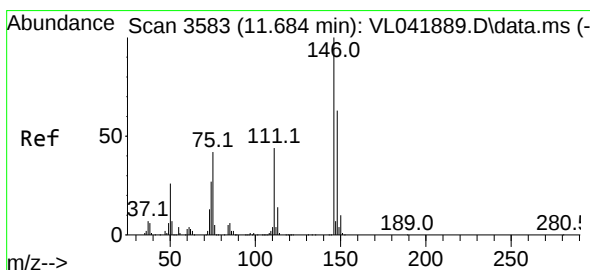
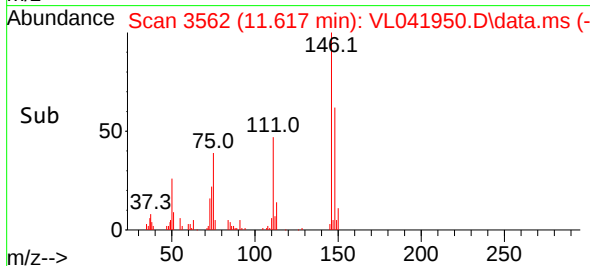
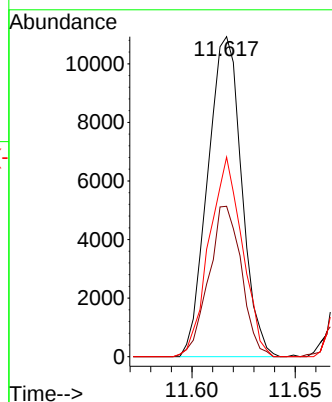
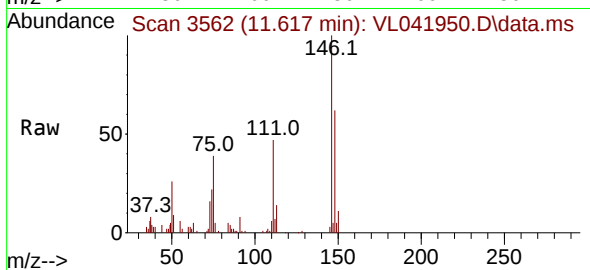
Tgt Ion:146 Resp: 12513

Ion Ratio Lower Upper

146 100

111 45.3 23.6 70.8

148 60.8 31.4 94.0



#76

1,4-Dichlorobenzene

Concen: 0.398 ppbv

RT: 11.682 min Scan# 3582

Delta R.T. -0.003 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

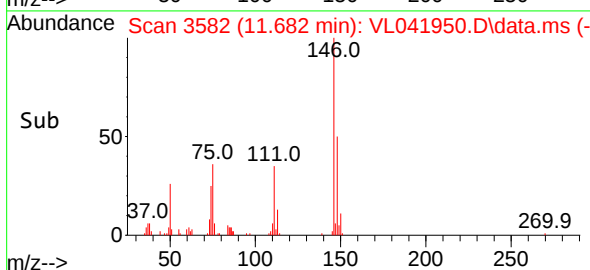
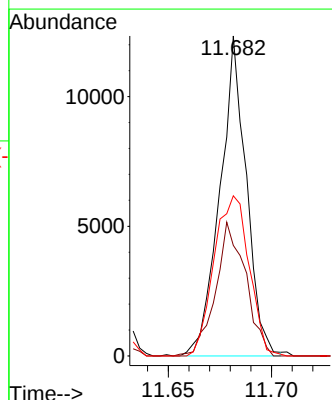
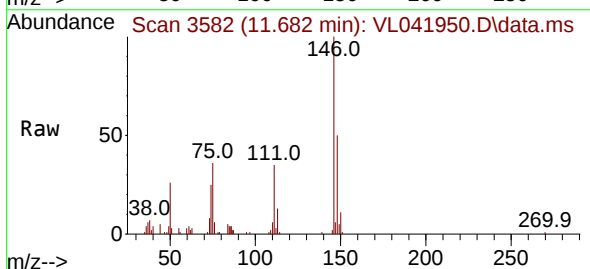
Tgt Ion:146 Resp: 11007

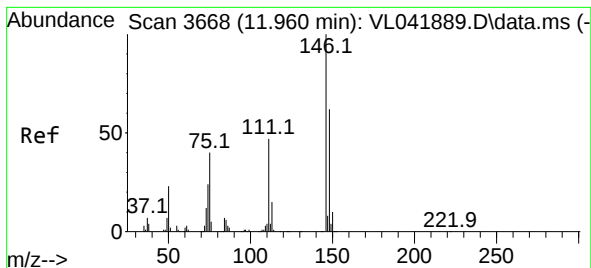
Ion Ratio Lower Upper

146 100

111 47.4 22.4 67.0

148 66.2 31.9 95.5





#77

1,2-Dichlorobenzene

Concen: 0.458 ppbv

RT: 11.957 min Scan# 3667

Delta R.T. -0.003 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

Instrument :

MSVOA_L

ClientSampleId :

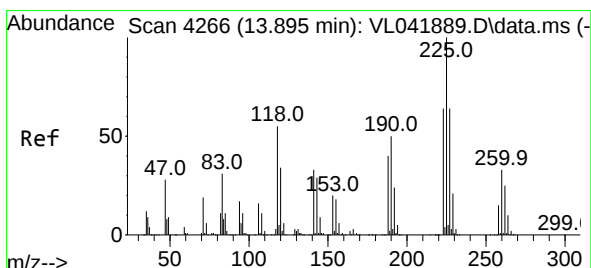
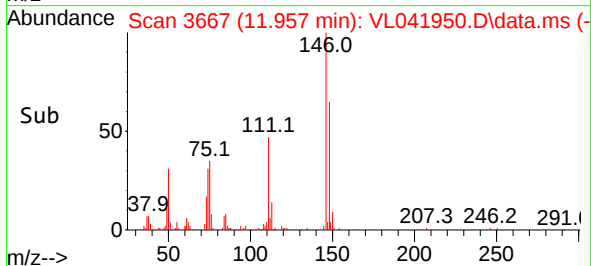
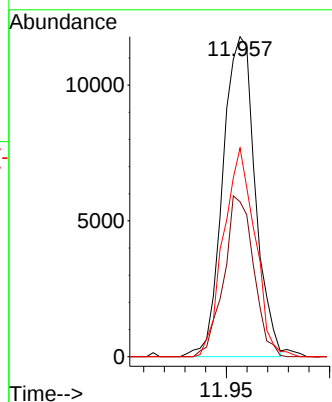
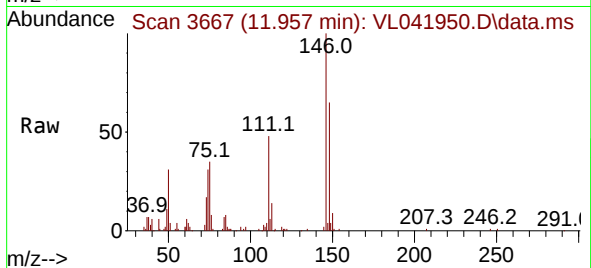
Tgt Ion:146 Resp: 12824

Ion Ratio Lower Upper

146 100

111 46.1 24.2 72.6

148 63.1 31.7 95.1



#78

Hexachloro-1,3-Butadiene

Concen: 0.421 ppbv

RT: 13.889 min Scan# 4264

Delta R.T. -0.006 min

Lab File: VL041950.D

Acq: 27 Jan 2025 14:06

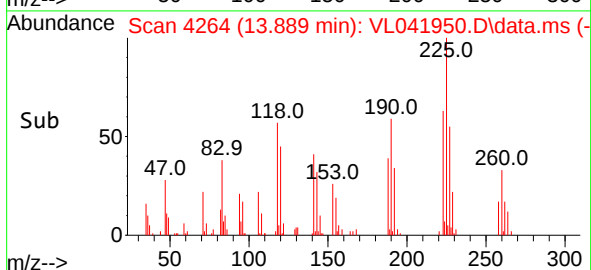
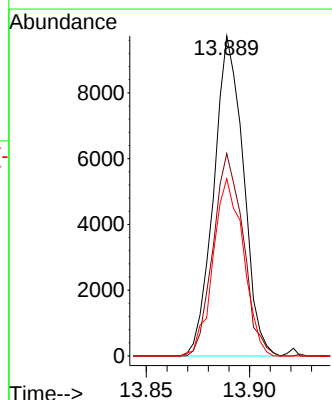
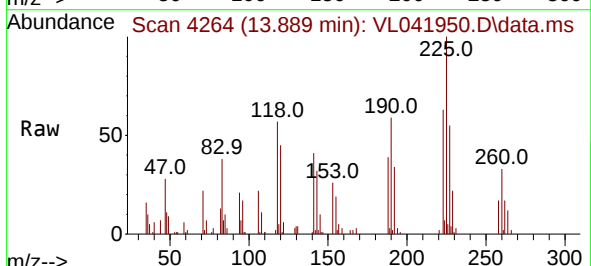
Tgt Ion:225 Resp: 9677

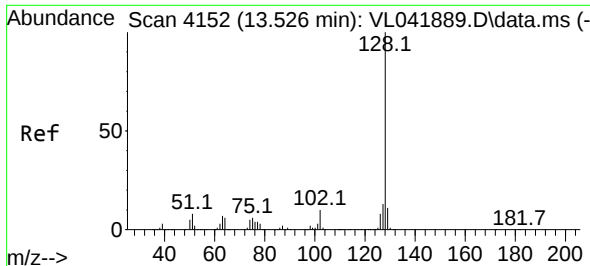
Ion Ratio Lower Upper

225 100

223 63.9 50.8 76.2

227 56.7 50.3 75.5

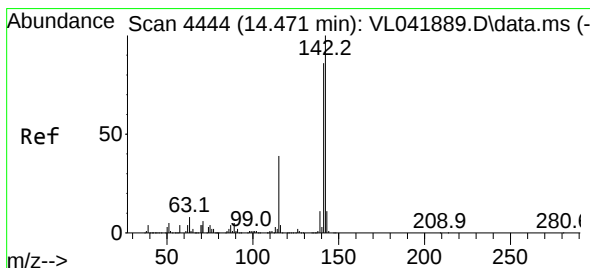
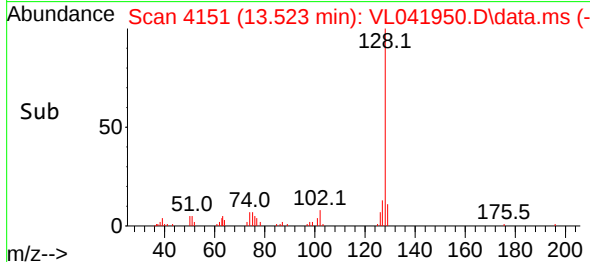
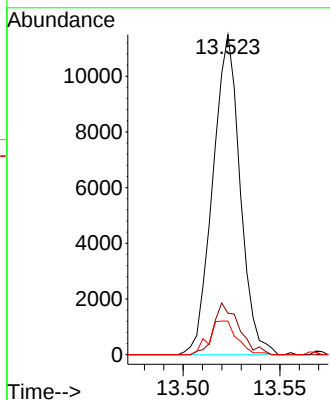
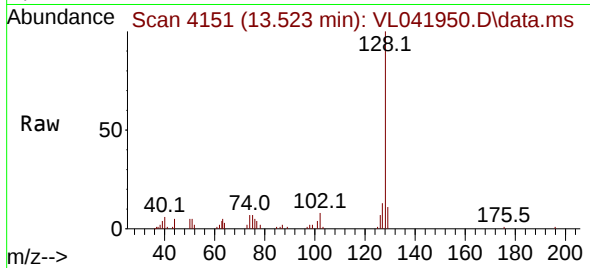




#79
Naphthalene
Concen: 0.235 ppbv
RT: 13.523 min Scan# 4152
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

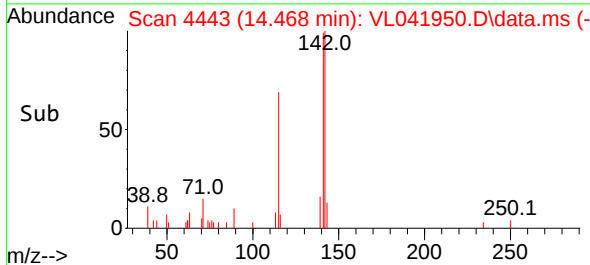
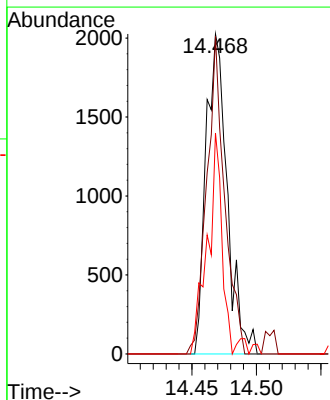
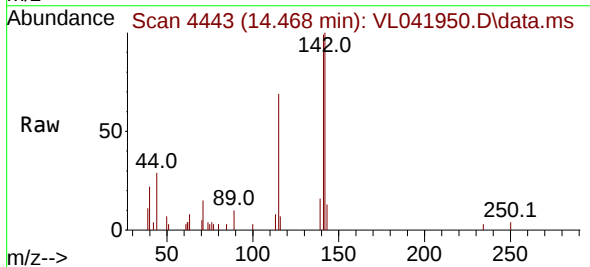
Instrument :
MSVOA_L
ClientSampleId :

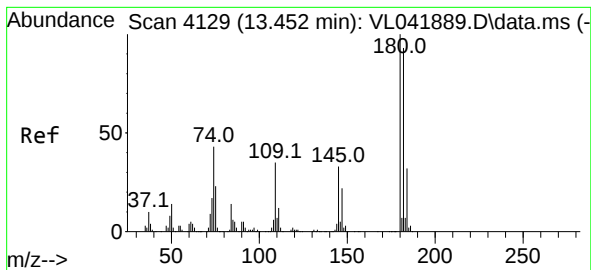
Tgt Ion:128 Resp: 11296
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.5 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 0.101 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. -0.003 min
Lab File: VL041950.D
Acq: 27 Jan 2025 14:06

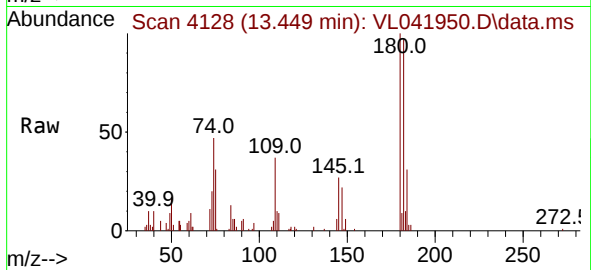
Tgt Ion:142 Resp: 2307
Ion Ratio Lower Upper
142 100
141 87.1 68.1 102.1
115 50.2 31.7 47.5#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.308 ppbv
 RT: 13.449 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041950.D
 Acq: 27 Jan 2025 14:06

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	180	Resp:	7225
Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.0	115.6
184	30.5	24.9	37.3

