

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041875.D
 Acq On : 09 Jan 2025 20:16
 Operator : SY/MD
 Sample : Q1037-03DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 10 01:47:43 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M

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

QLast Update : Fri Jan 10 00:31:30 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	116632	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	351417	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	317385	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 254476 9.999 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.000%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.502	85	8535	0.446	ppbv	98
3) Chlorodifluoromethane	1.479	51	7260	0.345	ppbv	97
4) Chloromethane	1.538	50	3426	0.460	ppbv	92
5) Vinyl Chloride	1.593	62	26	0.003	ppbv #	45
6) Bromomethane	1.677	94	111	0.030	ppbv #	3
7) Chloroethane	1.703	64	24	0.008	ppbv #	1
8) Dichlorotetrafluoroethane	1.557	85	284	0.017	ppbv	97
9) Propene	1.492	41	3257	0.332	ppbv	85
10) Heptane	5.007	43	354	0.014	ppbv #	27
11) Trichlorofluoromethane	1.884	101	4646	0.236	ppbv	86
12) 1,1,2-Trichlorotrifluo...	2.146	101	1106	0.069	ppbv	96
13) Ethanol	1.729	45	38646	62.002	ppbv	87
14) Bromoethene	1.852	108	90	0.016	ppbv #	1
15) Acetone	1.842	43	39483	2.007	ppbv	93
16) 1,3-Butadiene	1.606	39	720	0.085	ppbv #	81
17) tert-Butyl alcohol	2.052	59	416	0.019	ppbv #	1
18) 1,1-Dichloroethene	2.042	96	37	0.005	ppbv #	1
19) Isopropyl Alcohol	1.729	45	38646	3.738	ppbv #	43
20) Methylene Chloride	2.072	84	7905	1.178	ppbv	88
21) Allyl Chloride	2.110	41	209	0.017	ppbv #	21
22) trans-1,2-Dichloroethene	2.369	96	18	0.002	ppbv #	1
23) Vinyl Acetate	2.486	43	3663	0.367	ppbv #	55
24) 1,1-Dichloroethane	2.415	63	53	0.003	ppbv #	88
25) Ethyl Acetate	2.871	43	195	0.004	ppbv #	1
26) Hexane	2.839	57	6270	0.312	ppbv #	39
27) Carbon Disulfide	2.162	76	117	0.006	ppbv #	1
28) Methyl tert-Butyl Ether	2.454	73	92	0.006	ppbv #	1
29) Chloroform	2.865	83	864	0.031	ppbv	99
30) Cyclohexane	3.874	84	365	0.021	ppbv #	1
31) cis-1,2-Dichloroethene	2.780	61	35	0.002	ppbv #	24
32) 1,1,1-Trichloroethane	3.389	97	56	0.002	ppbv #	22
34) 2-Butanone	2.577	43	2930	0.100	ppbv	92
35) Carbon Tetrachloride	3.781	117	997	0.037	ppbv #	63
36) Benzene	3.674	78	4802	0.118	ppbv #	91
37) 1,2-Dichloroethane	3.237	62	246	0.012	ppbv #	80
38) Trichloroethene	4.674	130	27	0.002	ppbv #	3
39) 1,2-Dichloropropane	3.978	63	86849	5.988	ppbv #	23
40) 1,4-Dioxane	4.606	88	24	0.003	ppbv #	1
41) Tetrahydrofuran	3.065	42	48	0.003	ppbv #	37
42) Bromodichloromethane	4.531	83	41	0.001	ppbv #	26
43) Methyl Methacrylate	4.900	69	41	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	4.667	57	375	0.005	ppbv #	43
45) t-1,3-Dichloropropene	6.338	75	38	0.002	ppbv #	45

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

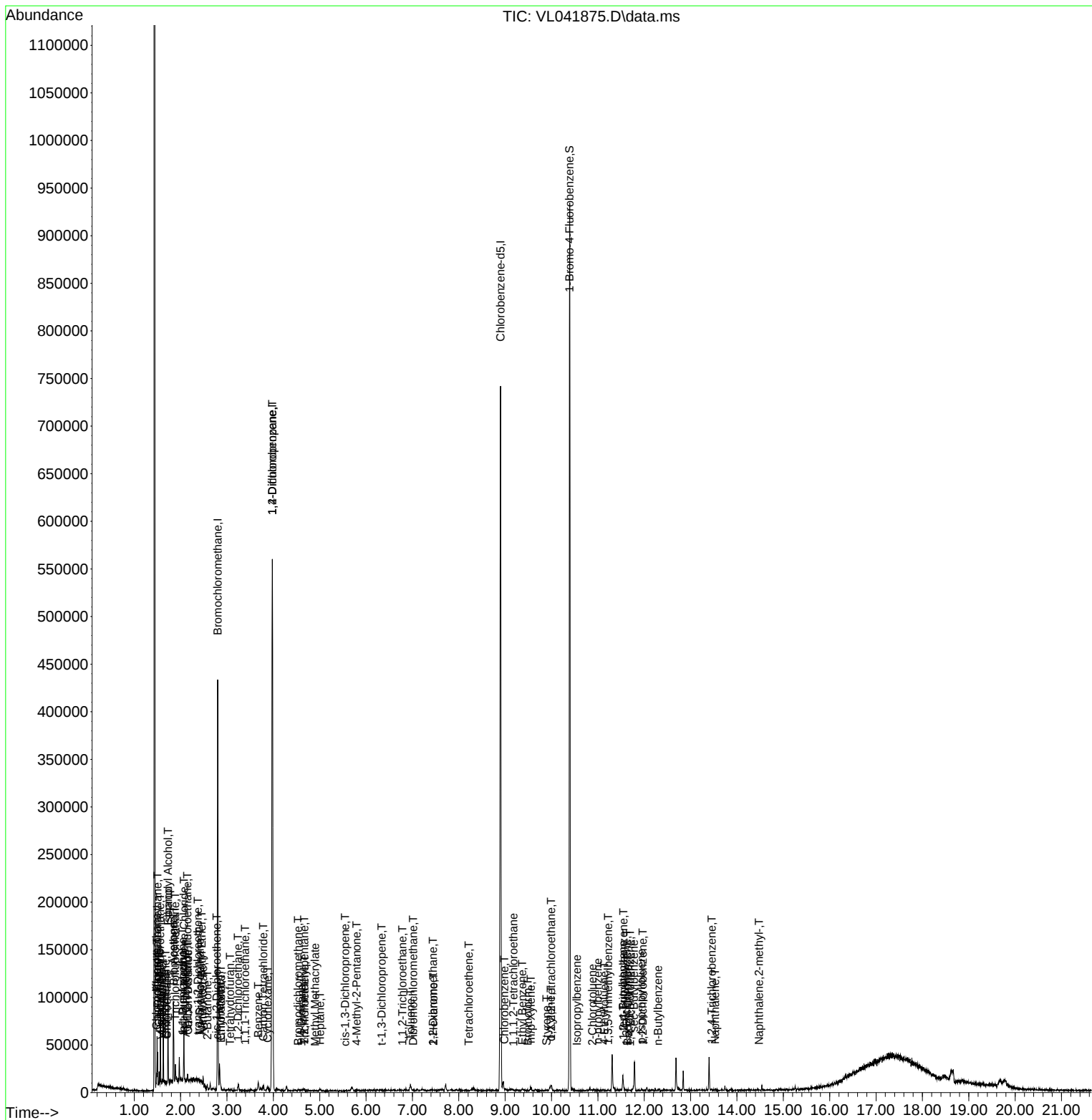
Instrument :
 MSVOA_L
 ClientSampleId :

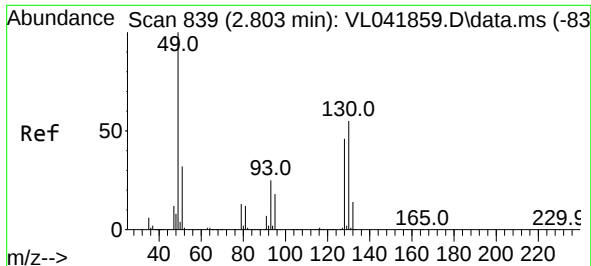
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.548	75	35	0.002	ppbv #	81
47) 1,1,2-Trichloroethane	6.784	97	44	0.003	ppbv #	15
48) Dibromochloromethane	7.014	129	25	0.001	ppbv #	10
49) Bromoform	9.487	173	61	0.003	ppbv #	64
50) 4-Methyl-2-Pentanone	5.794	43	36	0.001	ppbv #	38
51) 2-Hexanone	7.451	43	76	0.002	ppbv #	28
52) Tetrachloroethene	8.212	164	22	0.001	ppbv #	1
53) Toluene	6.959	91	798	0.016	ppbv #	1
54) 1,2-Dibromoethane	7.444	107	25	0.001	ppbv #	3
56) 1,1,1,2-Tetrachloroethane	9.179	131	29	0.002	ppbv #	8
57) Chlorobenzene	8.982	112	26	0.001	ppbv #	22
58) Ethyl Benzene	9.367	91	694	0.011	ppbv	98
59) m/p-Xylene	9.555	91	1150	0.022	ppbv #	100
60) o-Xylene	9.985	91	601	0.012	ppbv	86
61) Styrene	9.891	104	127	0.005	ppbv #	63
62) Isopropylbenzene	10.545	105	200	0.003	ppbv #	28
63) 1,1,2,2-Tetrachloroethane	9.988	83	36	0.001	ppbv #	25
64) n-propylbenzene	11.002	120	32	0.002	ppbv #	1
65) tert-Butylbenzene	11.539	119	169	0.002	ppbv #	1
66) Benzyl Chloride	11.642	91	52	0.007	ppbv #	66
67) sec-Butylbenzene	11.778	105	186	0.002	ppbv #	57
69) p-Isopropyltoluene	11.940	119	365	0.004	ppbv #	71
70) n-Butylbenzene	12.299	91	58	0.001	ppbv #	32
71) 2-Chlorotoluene	10.882	91	63	0.001	ppbv #	46
72) 4-Ethyltoluene	11.137	105	106	0.002	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.218	105	241	0.005	ppbv #	48
74) 1,2,4-Trimethylbenzene	11.552	105	1285	0.022	ppbv #	62
75) 1,3-Dichlorobenzene	11.620	146	29	0.001	ppbv #	24
76) 1,4-Dichlorobenzene	11.697	146	81	0.002	ppbv #	41
77) 1,2-Dichlorobenzene	11.966	146	57	0.002	ppbv #	30
79) Naphthalene	13.529	128	850	0.014	ppbv #	85
80) Naphthalene,2-methyl-	14.474	142	209	0.006	ppbv #	48
81) 1,2,4-Trichlorobenzene	13.455	180	280	0.009	ppbv #	62

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

Quant Time: Jan 10 01:47:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration

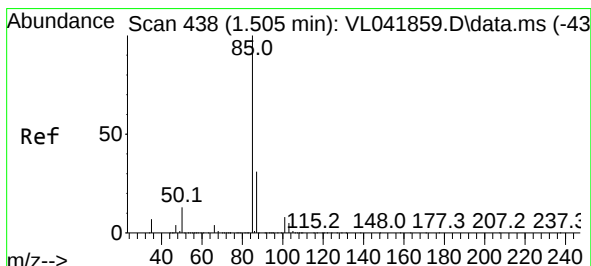
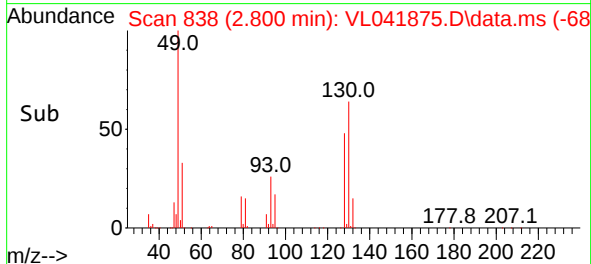
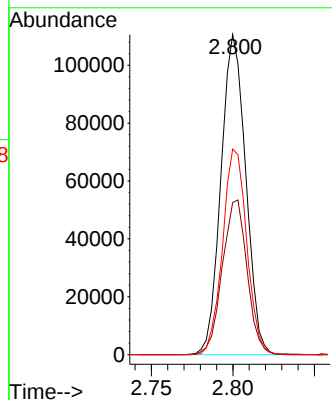
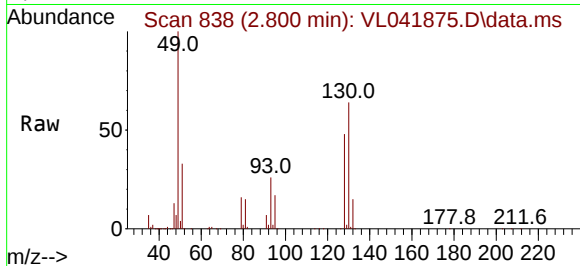




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

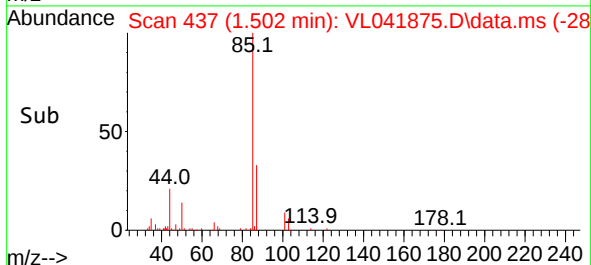
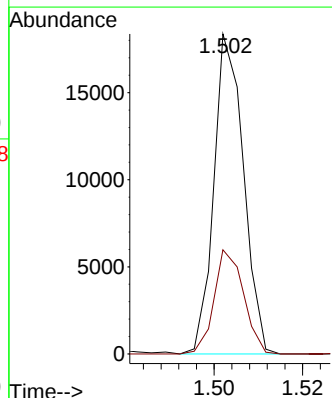
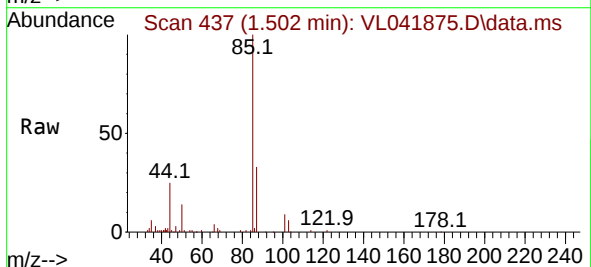
Instrument :
MSVOA_L
ClientSampleId :

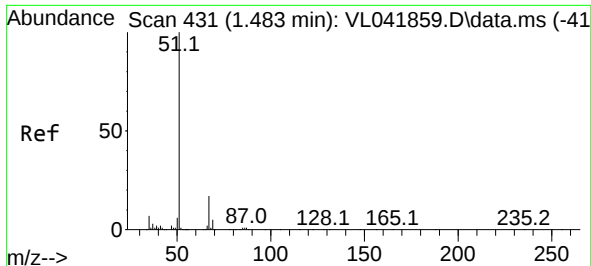
Tgt Ion: 49 Resp: 116632
Ion Ratio Lower Upper
49 100
128 48.4 23.2 69.5
130 62.7 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.446 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.003 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion: 85 Resp: 8535
Ion Ratio Lower Upper
85 100
87 32.5 25.2 37.8

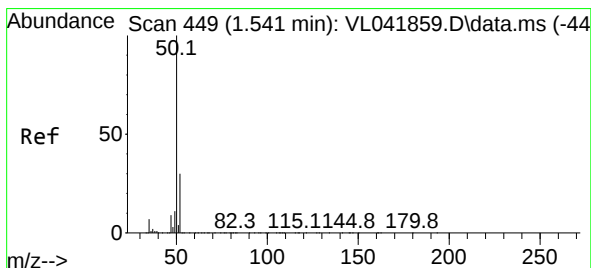
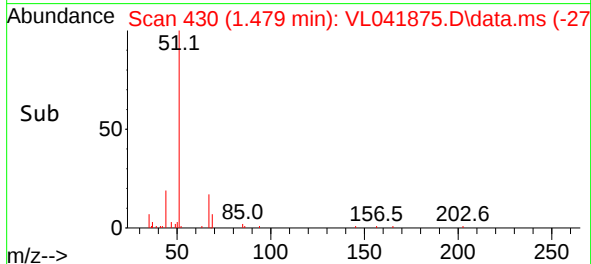
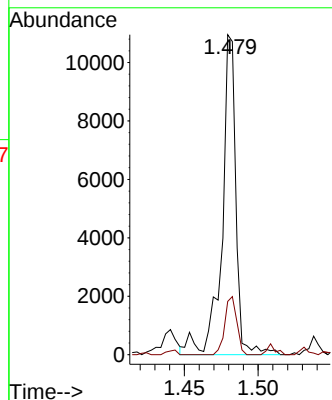
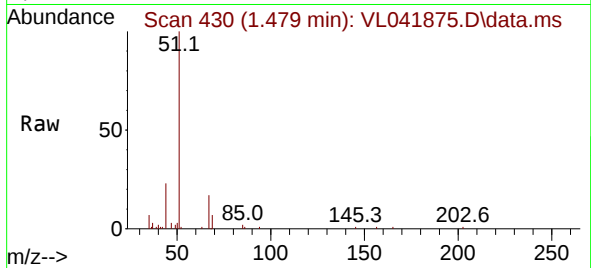




#3
Chlorodifluoromethane
Concen: 0.345 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

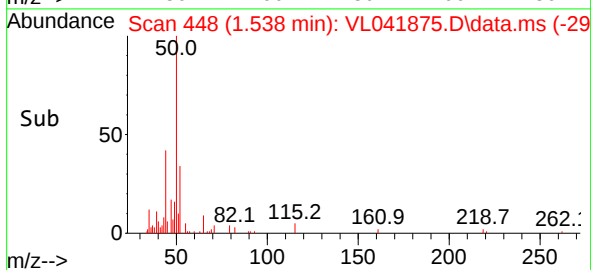
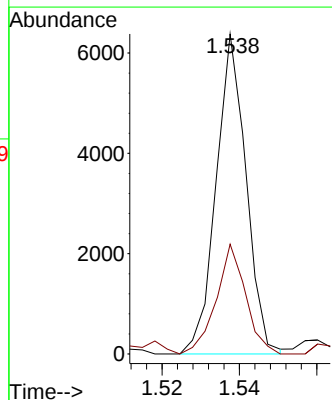
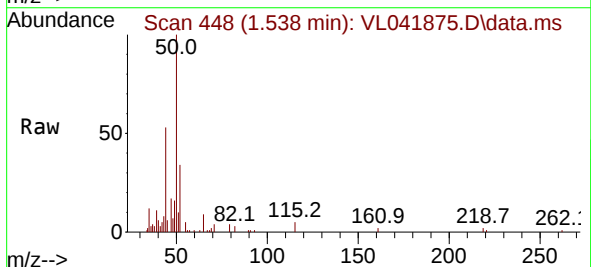
Instrument :
MSVOA_L
ClientSampleId :

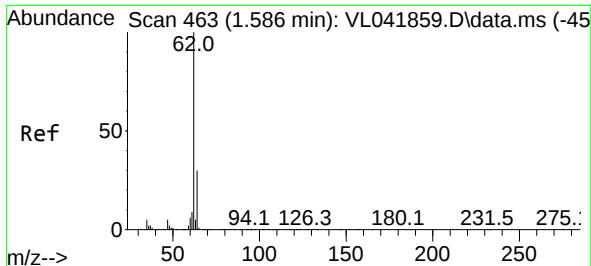
Tgt Ion: 51 Resp: 7260
Ion Ratio Lower Upper
51 100
67 15.8 13.8 20.8



#4
Chloromethane
Concen: 0.460 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion: 50 Resp: 3426
Ion Ratio Lower Upper
50 100
52 34.3 23.9 35.9

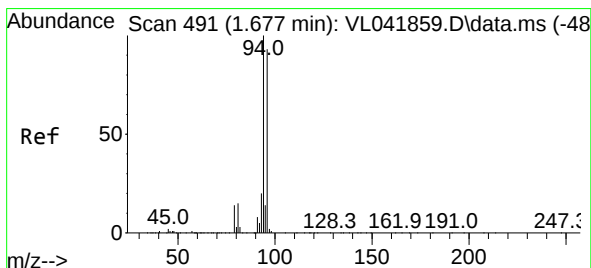
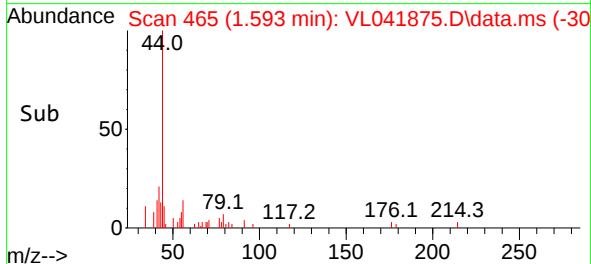
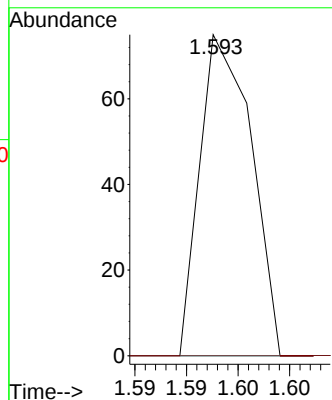
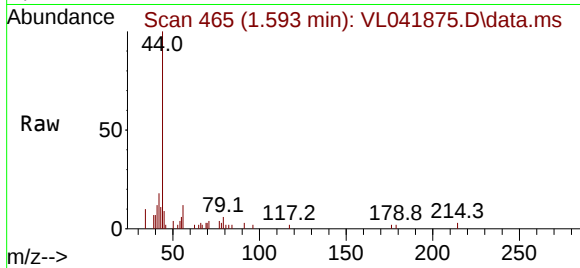




#5
 Vinyl Chloride
 Concen: 0.003 ppbv
 RT: 1.593 min Scan# 465
 Delta R.T. 0.006 min
 Lab File: VL041875.D
 Acq: 09 Jan 2025 20:16

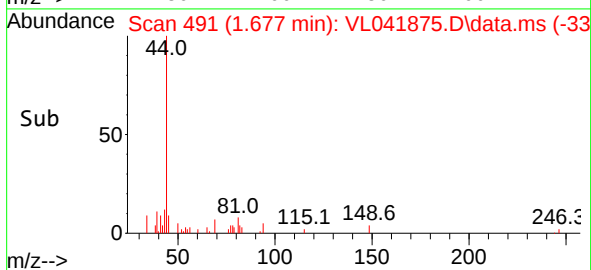
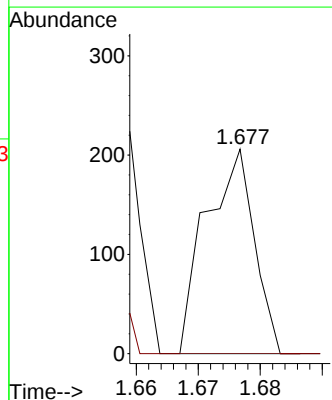
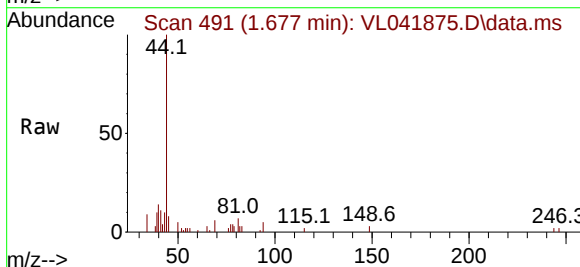
Instrument :
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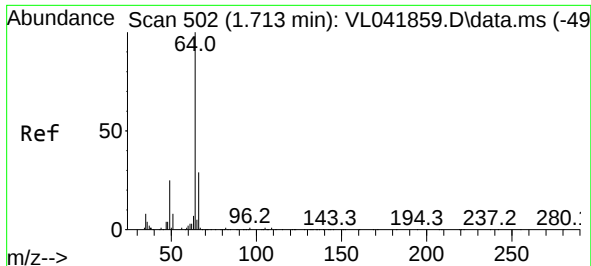
Tgt Ion: 62 Resp: 26
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.1 36.1#



#6
 Bromomethane
 Concen: 0.030 ppbv
 RT: 1.677 min Scan# 491
 Delta R.T. -0.000 min
 Lab File: VL041875.D
 Acq: 09 Jan 2025 20:16

Tgt Ion: 94 Resp: 111
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.8 112.2#

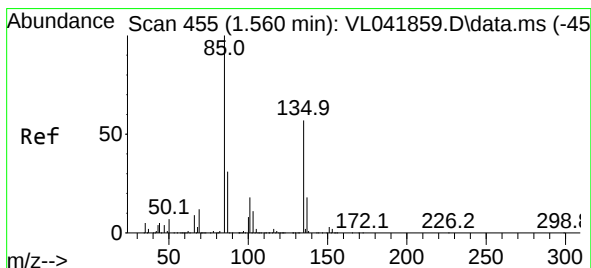
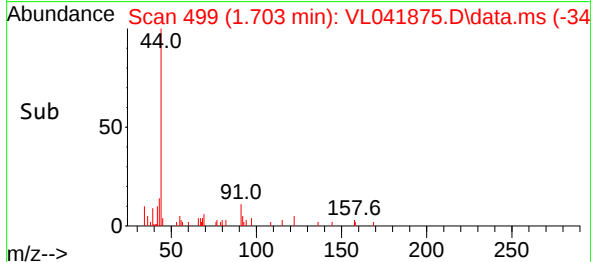
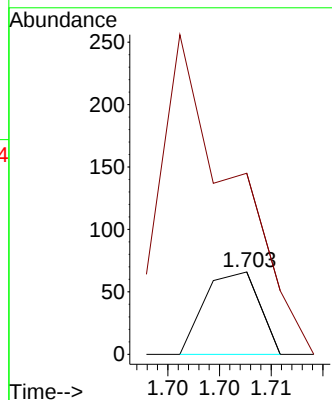
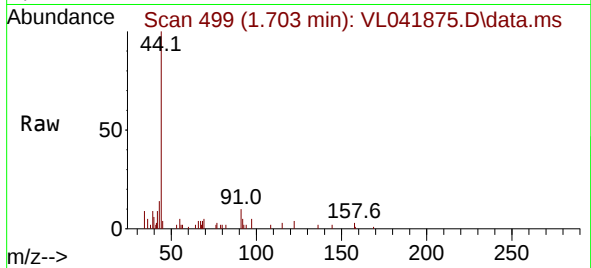




#7
Chloroethane
Concen: 0.008 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.010 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

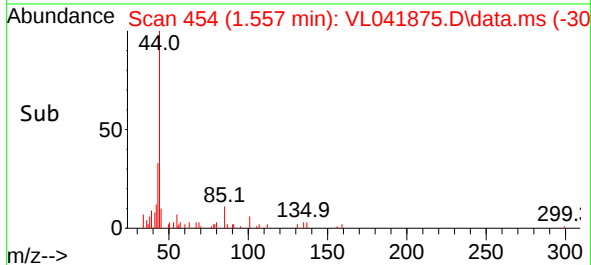
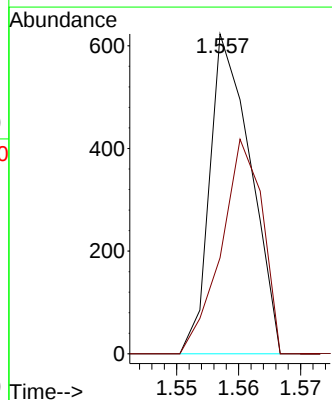
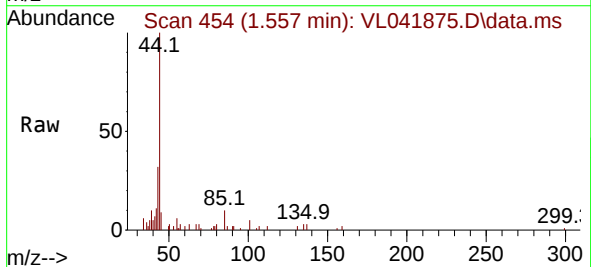
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MSVOA_L
ClientSampleId :

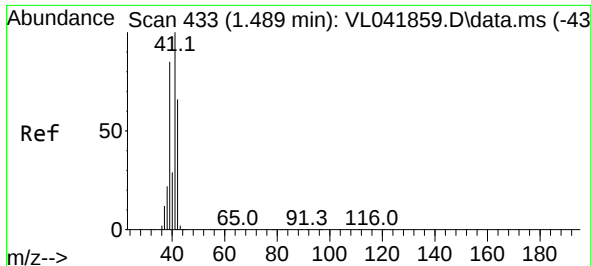
Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 219.7 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.017 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion: 85 Resp: 284
Ion Ratio Lower Upper
85 100
135 67.6 52.2 78.4





#9

Propene

Concen: 0.332 ppbv

RT: 1.492 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041875.D

Acq: 09 Jan 2025 20:16

Instrument :

MSVOA_L

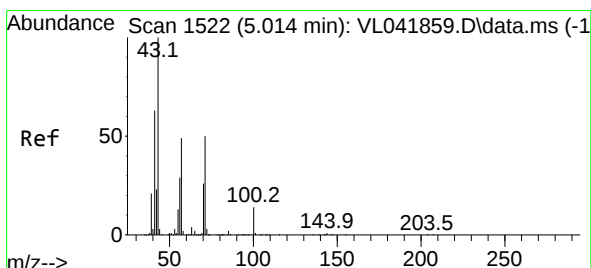
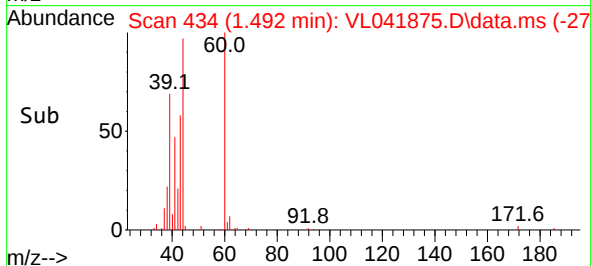
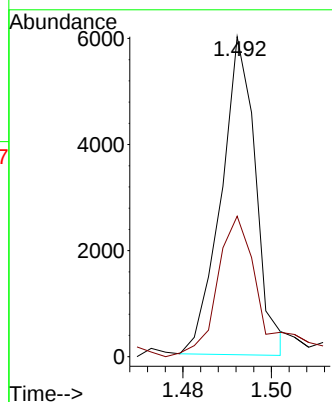
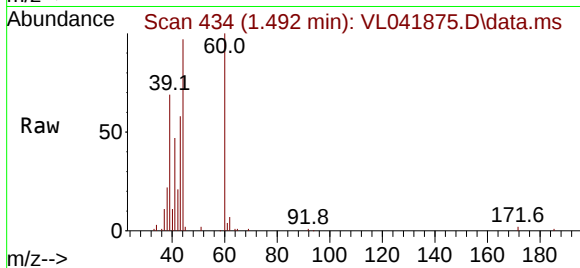
ClientSampleId :

Tgt Ion: 41 Resp: 3257

Ion Ratio Lower Upper

41 100

42 54.1 53.0 79.6



#10

Heptane

Concen: 0.014 ppbv

RT: 5.007 min Scan# 1520

Delta R.T. -0.007 min

Lab File: VL041875.D

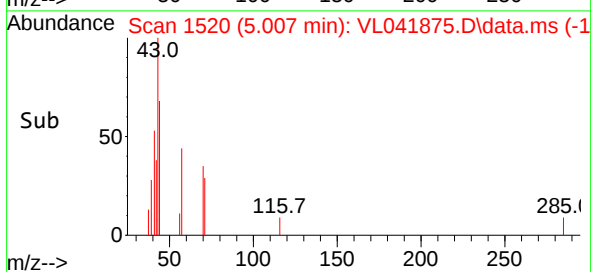
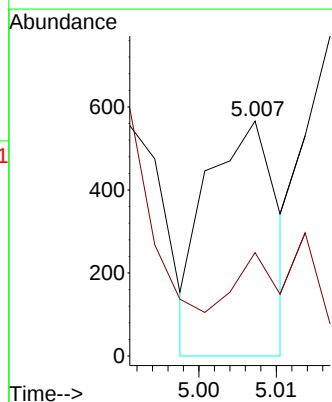
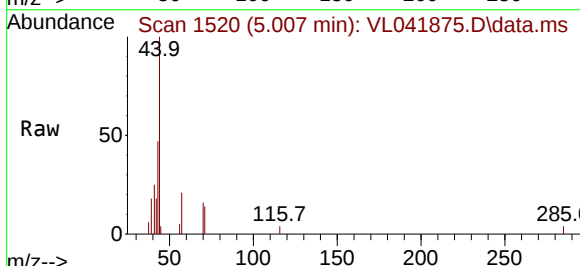
Acq: 09 Jan 2025 20:16

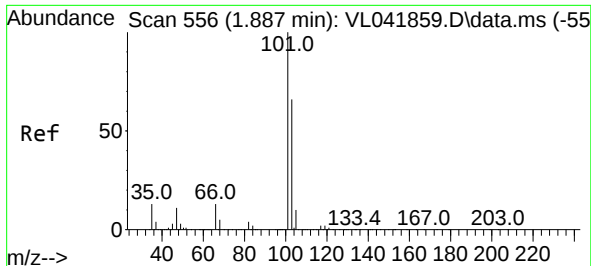
Tgt Ion: 43 Resp: 354

Ion Ratio Lower Upper

43 100

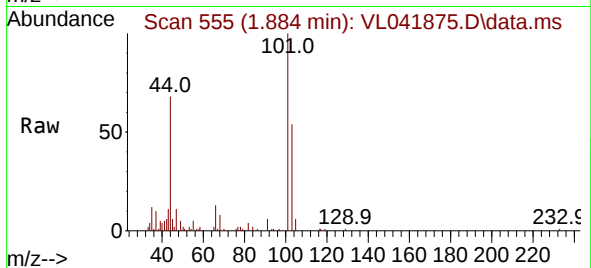
57 0.0 40.2 60.2#



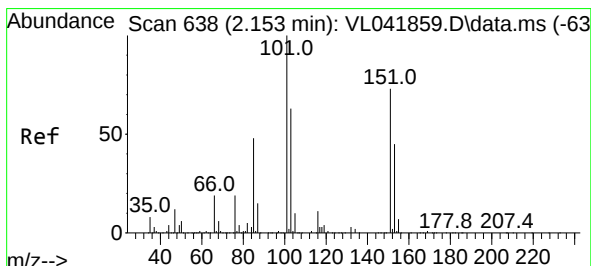
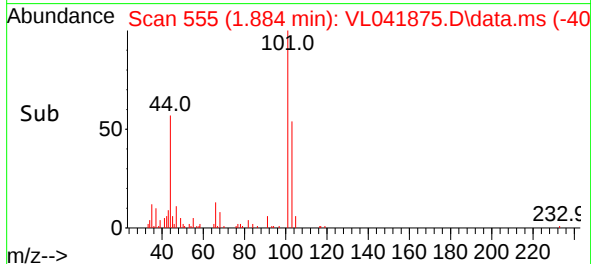
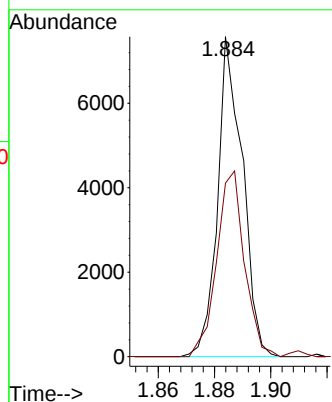


#11
 Trichlorofluoromethane
 Concen: 0.236 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL041875.D
 Acq: 09 Jan 2025 20:16

Instrument :
 MSVOA_L
 ClientSampleId :

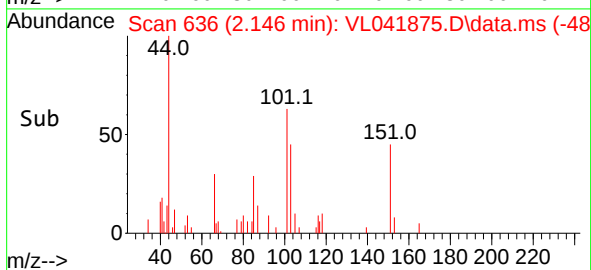
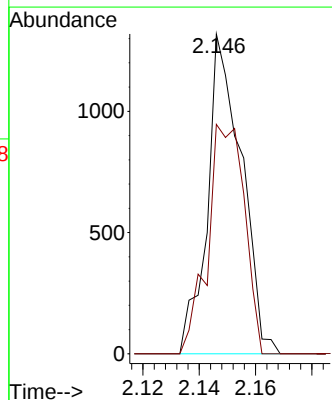
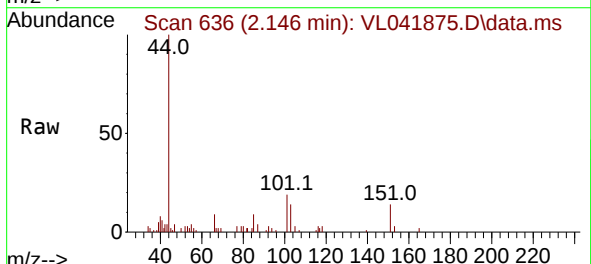


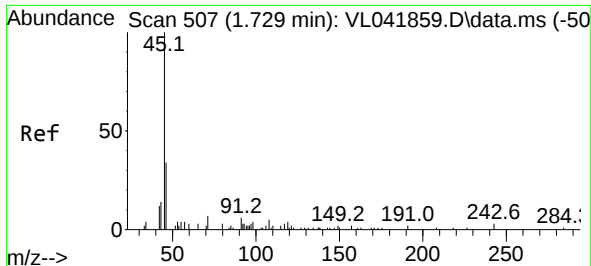
Tgt Ion:101 Resp: 4646
 Ion Ratio Lower Upper
 101 100
 103 54.2 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.069 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.007 min
 Lab File: VL041875.D
 Acq: 09 Jan 2025 20:16

Tgt Ion:101 Resp: 1106
 Ion Ratio Lower Upper
 101 100
 151 77.3 59.4 89.0

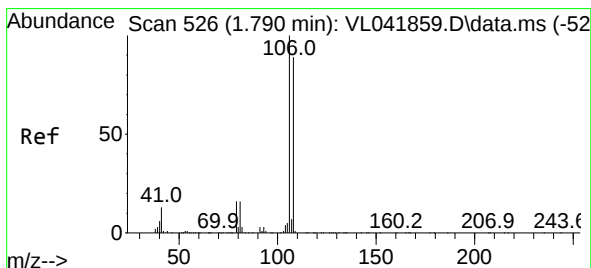
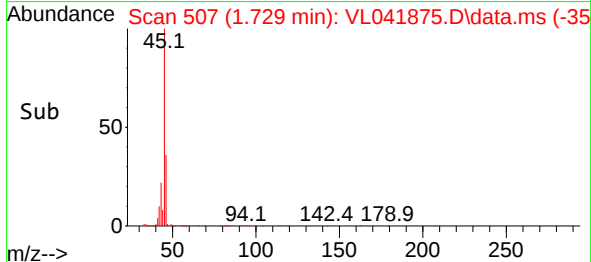
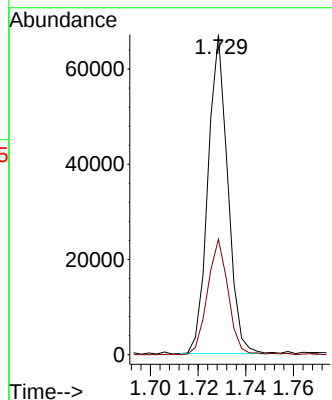
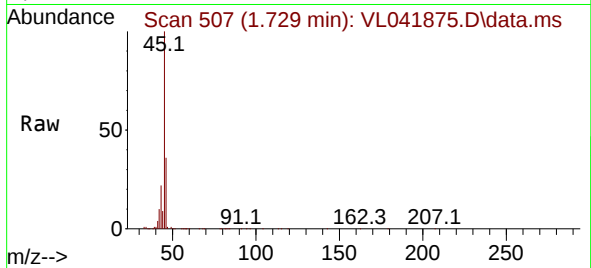




#13
 Ethanol
 Concen: 62.002 ppbv
 RT: 1.729 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VL041875.D
 Acq: 09 Jan 2025 20:16

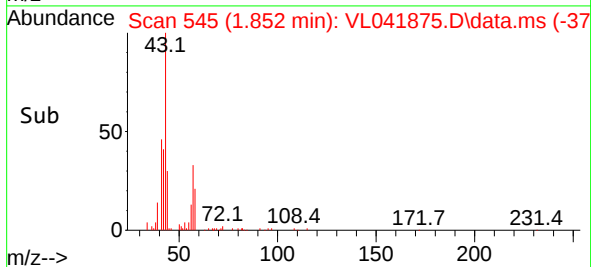
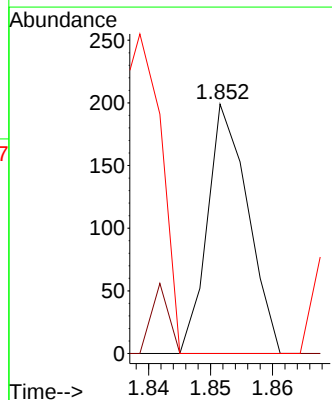
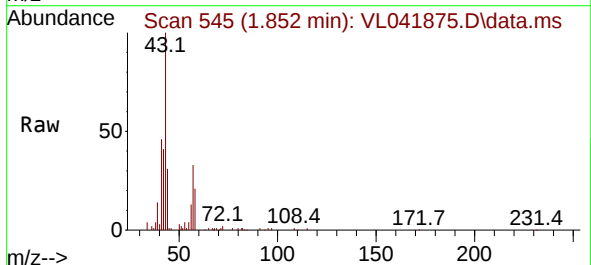
Instrument :
 MSVOA_L
 ClientSampleId :

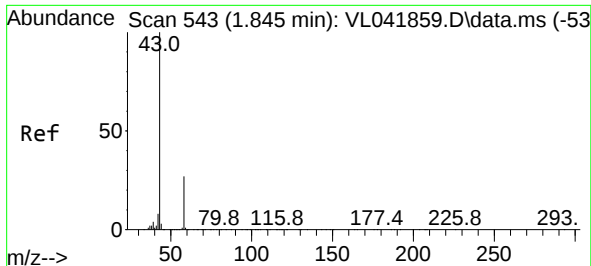
Tgt Ion: 45 Resp: 38646
 Ion Ratio Lower Upper
 45 100
 46 38.5 19.0 76.0



#14
 Bromoethene
 Concen: 0.016 ppbv
 RT: 1.852 min Scan# 545
 Delta R.T. 0.061 min
 Lab File: VL041875.D
 Acq: 09 Jan 2025 20:16

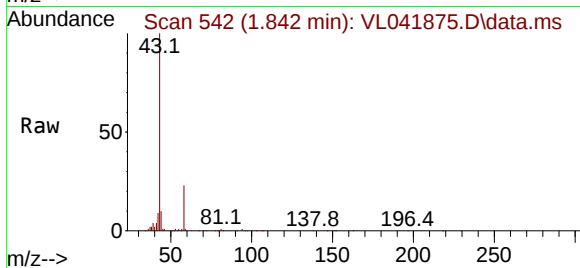
Tgt Ion: 108 Resp: 90
 Ion Ratio Lower Upper
 108 100
 106 53.3 86.9 130.3#
 79 547.8 15.6 23.4#



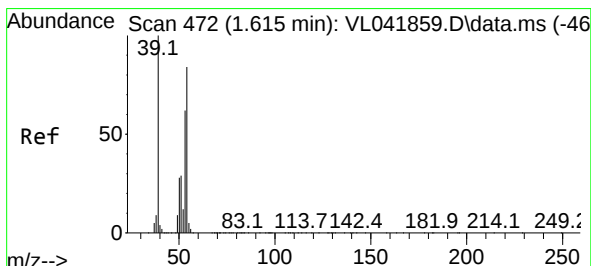
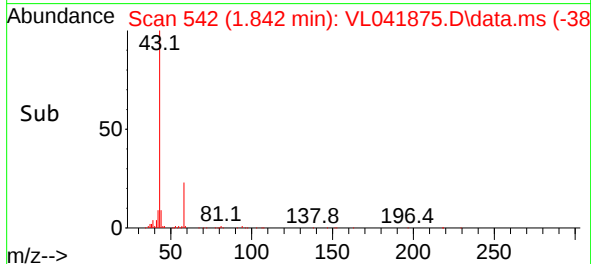
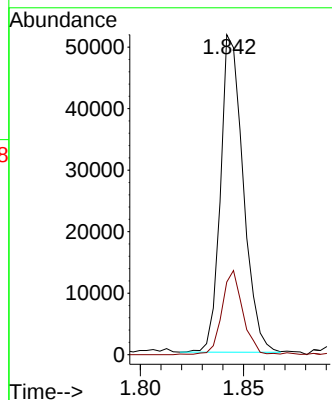


#15
Acetone
Concen: 2.007 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.003 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Instrument :
MSVOA_L
ClientSampleId :

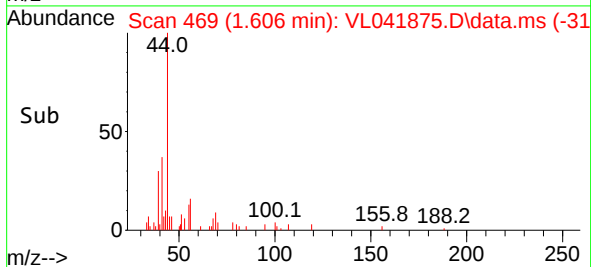
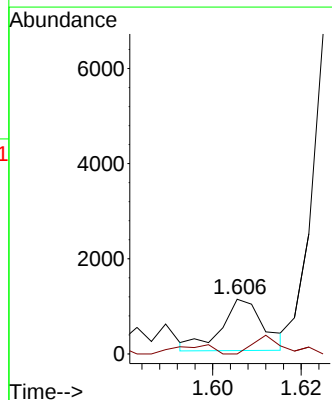
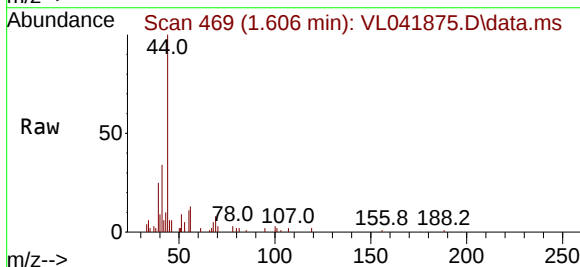


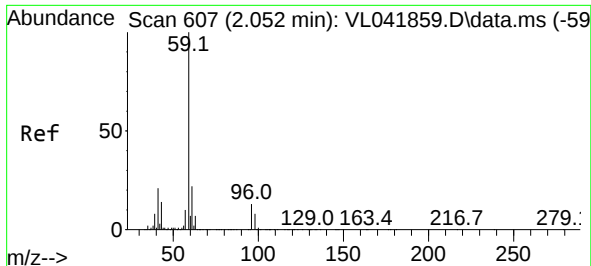
Tgt Ion: 43 Resp: 39483
Ion Ratio Lower Upper
43 100
58 25.0 22.7 34.1



#16
1,3-Butadiene
Concen: 0.085 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.010 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion: 39 Resp: 720
Ion Ratio Lower Upper
39 100
54 58.8 60.1 90.1#





#17

tert-Butyl alcohol

Concen: 0.019 ppbv

RT: 2.052 min Scan# 607

Delta R.T. -0.000 min

Lab File: VL041875.D

Acq: 09 Jan 2025 20:16

Instrument :

MSVOA_L

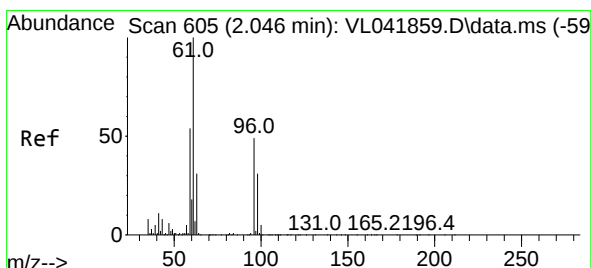
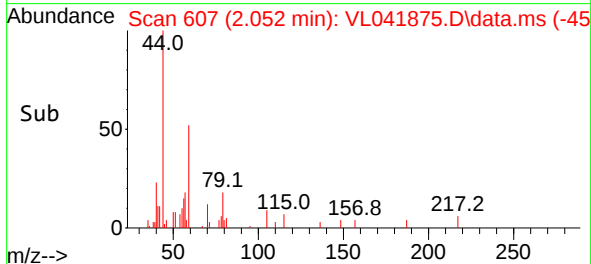
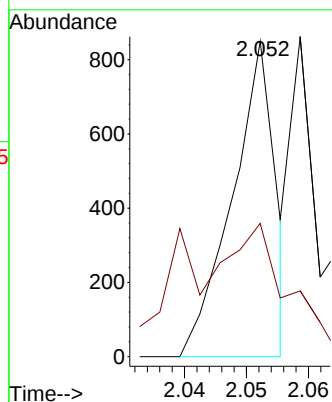
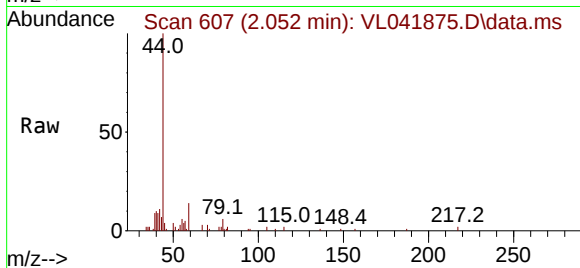
ClientSampleId :

Tgt Ion: 59 Resp: 416

Ion Ratio Lower Upper

59 100

57 98.6 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.005 ppbv

RT: 2.042 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL041875.D

Acq: 09 Jan 2025 20:16

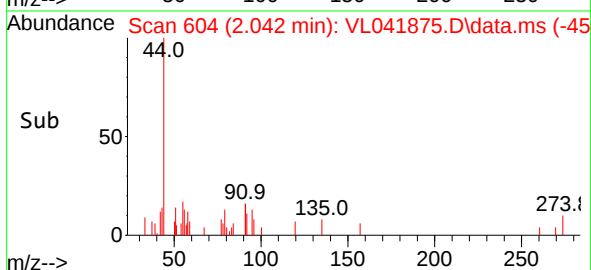
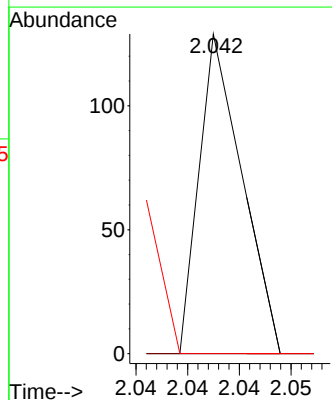
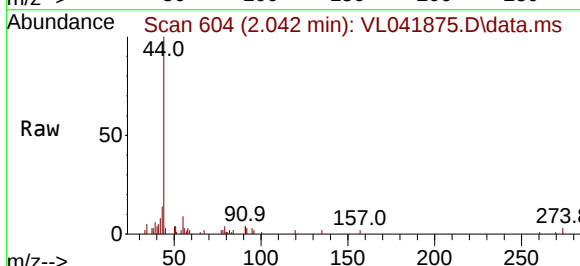
Tgt Ion: 96 Resp: 37

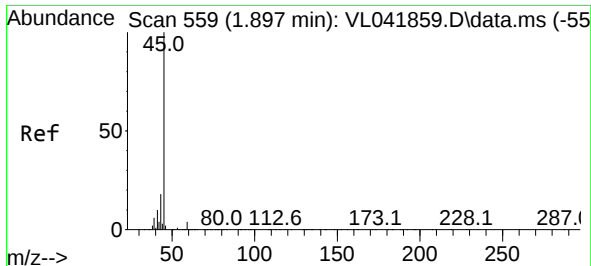
Ion Ratio Lower Upper

96 100

61 0.0 161.7 242.5#

98 0.0 51.0 76.4#

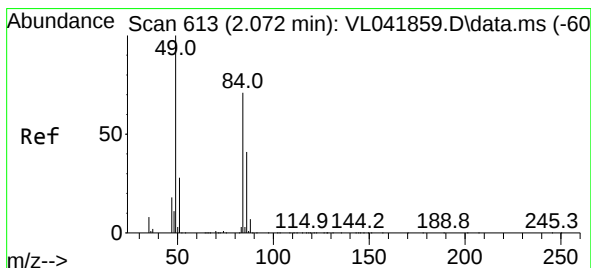
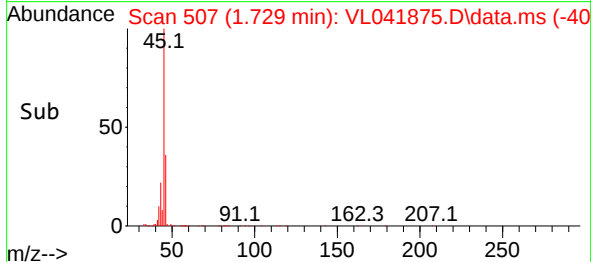
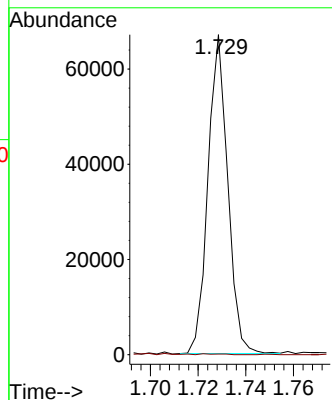
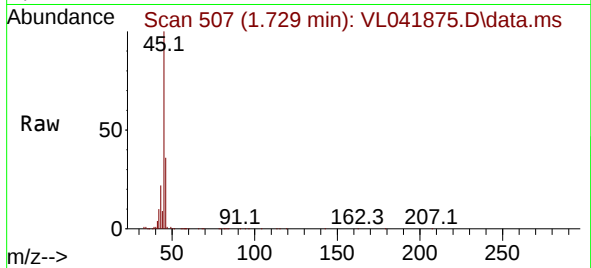




#19
Isopropyl Alcohol
Concen: 3.738 ppbv
RT: 1.729 min Scan# 507
Delta R.T. -0.168 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

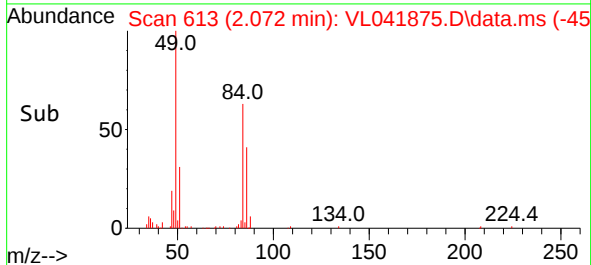
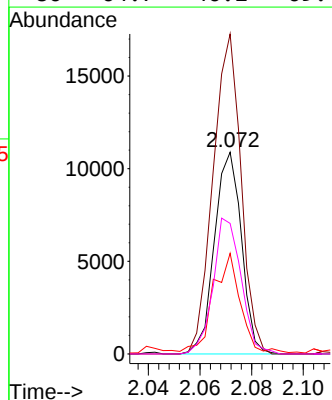
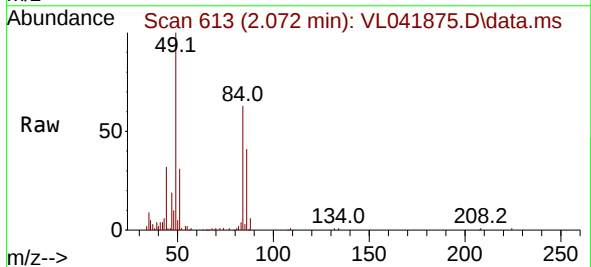
Instrument :
MSVOA_L
ClientSampleId :

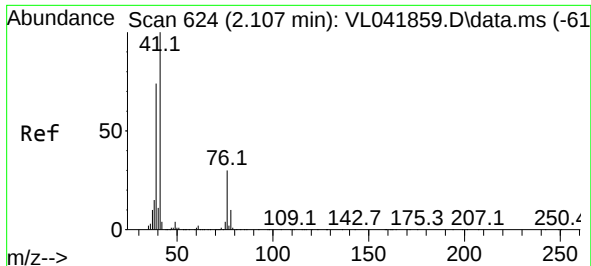
Tgt Ion: 45 Resp: 38646
Ion Ratio Lower Upper
45 100
58 8.4 37.0 55.6#



#20
Methylene Chloride
Concen: 1.178 ppbv
RT: 2.072 min Scan# 613
Delta R.T. -0.000 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

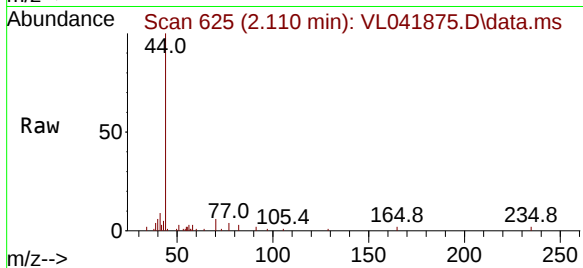
Tgt Ion: 84 Resp: 7905
Ion Ratio Lower Upper
84 100
49 158.6 113.8 170.8
51 48.7 33.5 50.3
86 64.7 46.2 69.4



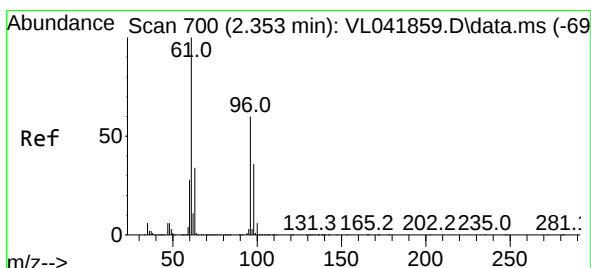
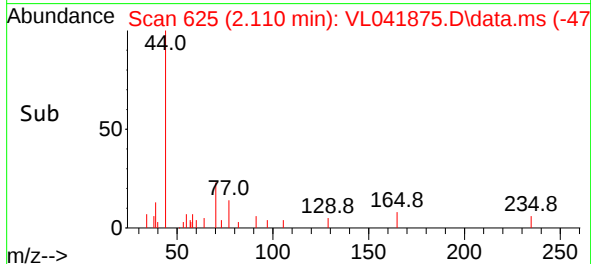
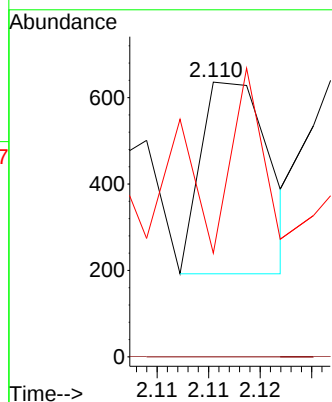


#21
 Allyl Chloride
 Concen: 0.017 ppbv
 RT: 2.110 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041875.D
 Acq: 09 Jan 2025 20:16

Instrument :
 MSVOA_L
 ClientSampleId :

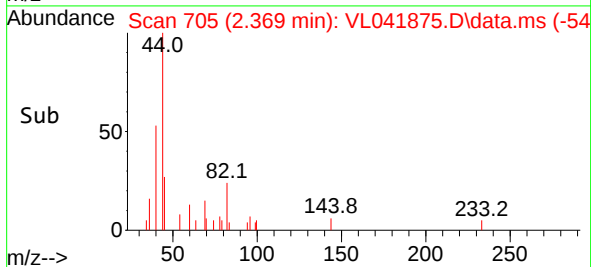
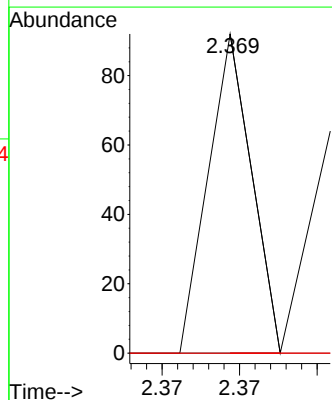
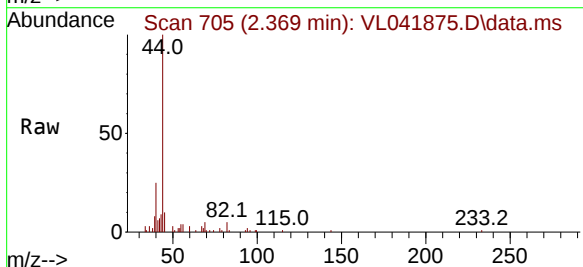


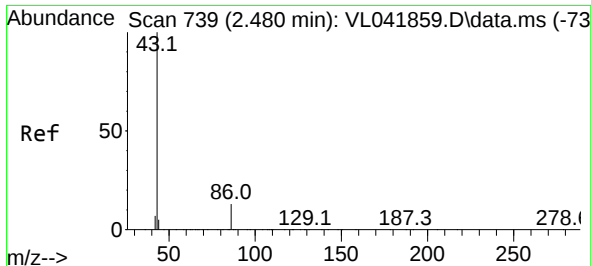
Tgt Ion: 41 Resp: 209
 Ion Ratio Lower Upper
 41 100
 76 0.0 24.6 36.8#
 39 0.0 60.1 90.1#



#22
 trans-1,2-Dichloroethene
 Concen: 0.002 ppbv
 RT: 2.369 min Scan# 705
 Delta R.T. 0.016 min
 Lab File: VL041875.D
 Acq: 09 Jan 2025 20:16

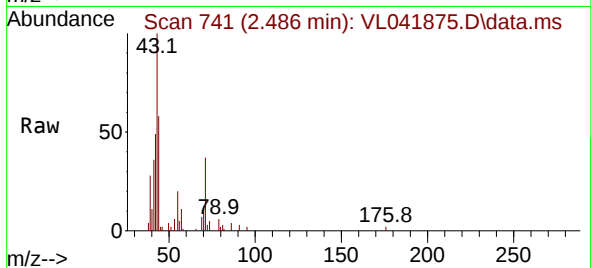
Tgt Ion: 96 Resp: 18
 Ion Ratio Lower Upper
 96 100
 61 0.0 134.2 201.4#
 98 0.0 49.0 73.4#



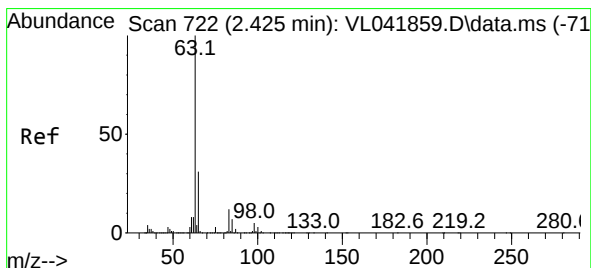
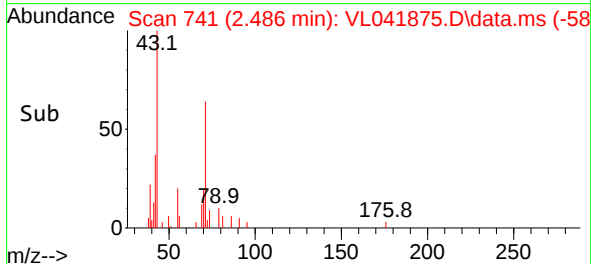
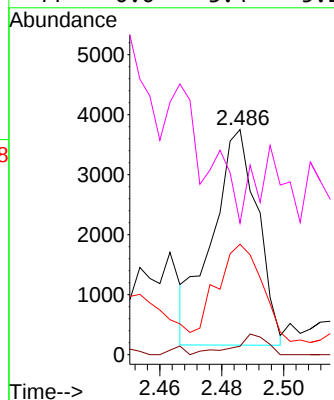


#23
 Vinyl Acetate
 Concen: 0.367 ppbv
 RT: 2.486 min Scan# 741
 Delta R.T. 0.006 min
 Lab File: VL041875.D
 Acq: 09 Jan 2025 20:16

Instrument :
 MSVOA_L
 ClientSampleId :

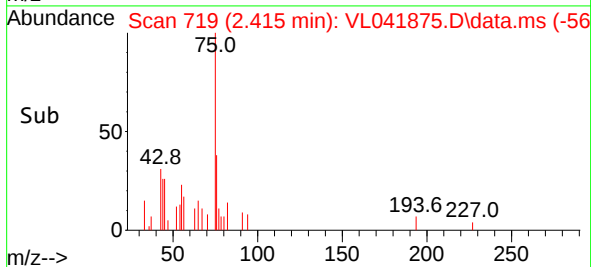
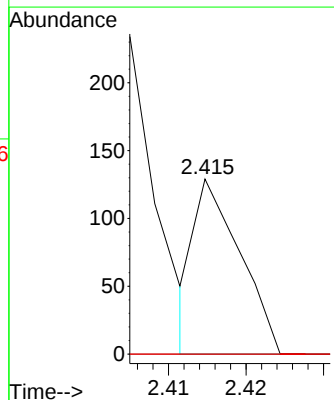
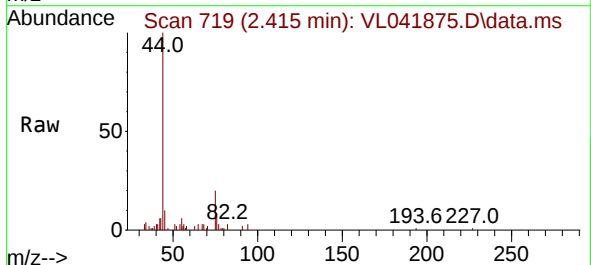


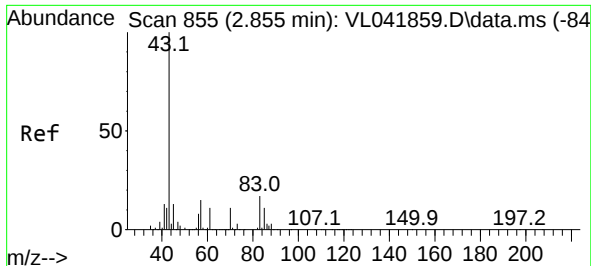
Tgt Ion:	43	Resp:	3663
Ion	Ratio	Lower	Upper
43	100		
86	4.1	7.8	11.6#
42	42.5	7.0	10.4#
44	0.0	3.4	5.2#



#24
 1,1-Dichloroethane
 Concen: 0.003 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.010 min
 Lab File: VL041875.D
 Acq: 09 Jan 2025 20:16

Tgt Ion:	63	Resp:	53
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.3	6.9#
100	0.0	1.3	3.8#

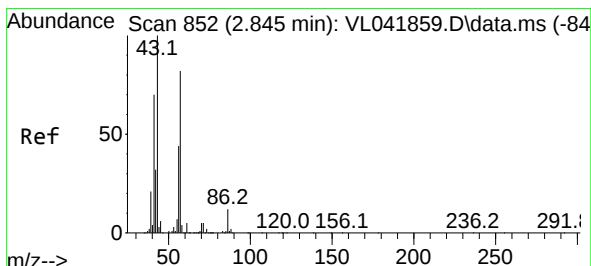
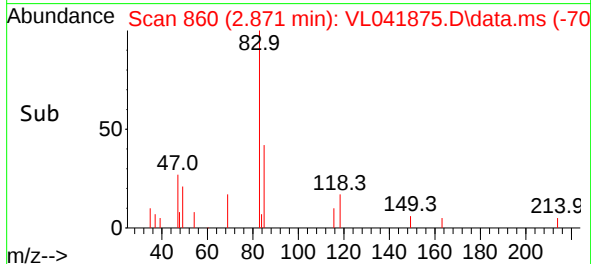
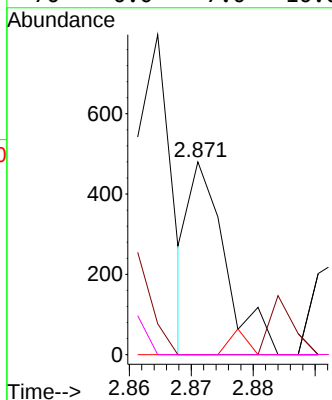
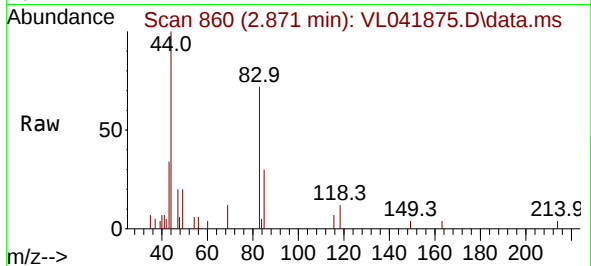




#25
Ethyl Acetate
Concen: 0.004 ppbv
RT: 2.871 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

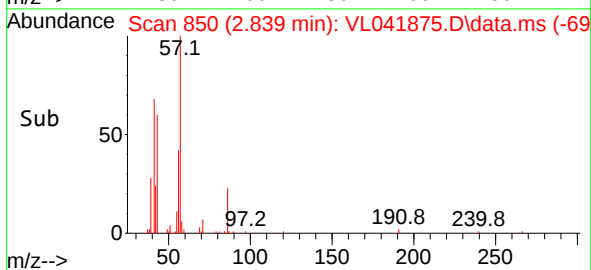
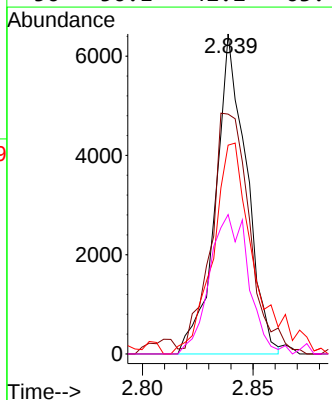
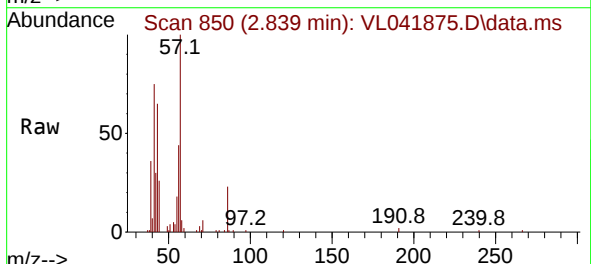
Instrument :
MSVOA_L
ClientSampleId :

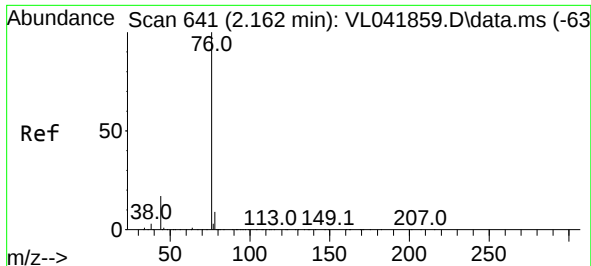
Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
45 93.8 8.4 12.6#
61 42.6 7.3 10.9#
70 0.0 7.0 10.6#



#26
Hexane
Concen: 0.312 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.007 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion: 57 Resp: 6270
Ion Ratio Lower Upper
57 100
41 98.0 71.5 107.3
43 90.4 200.2 300.4#
56 56.1 42.2 63.4

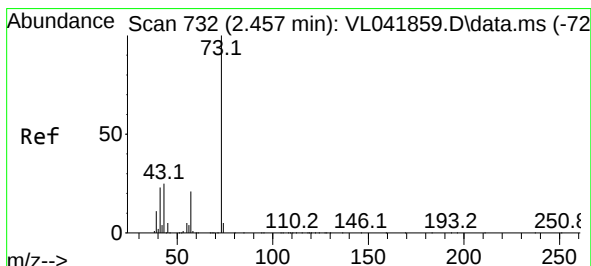
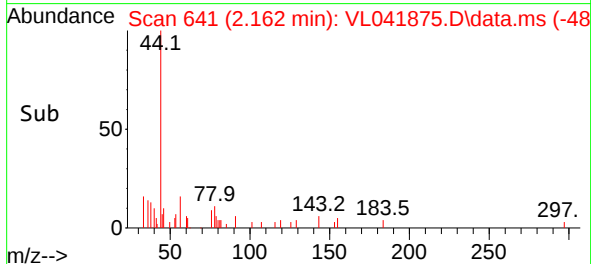
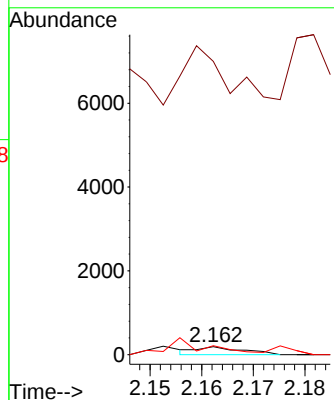
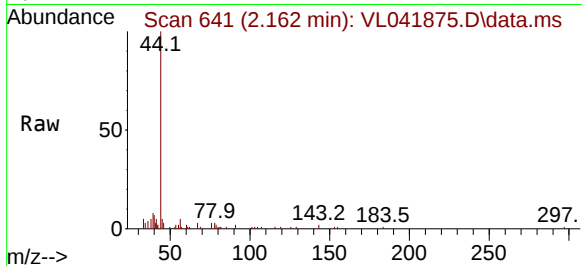




#27
Carbon Disulfide
Concen: 0.006 ppbv
RT: 2.162 min Scan# 641
Delta R.T. -0.000 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

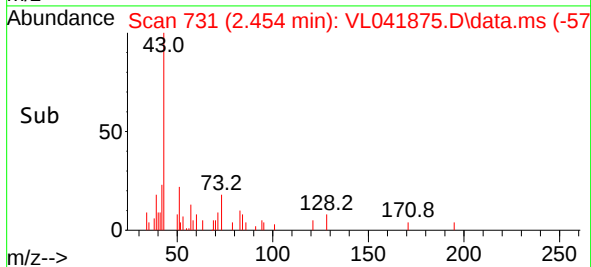
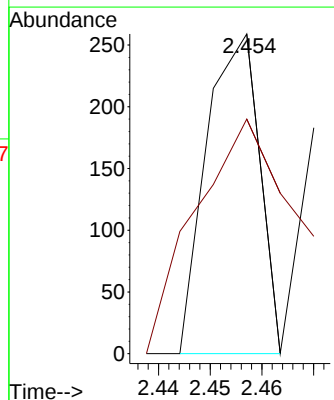
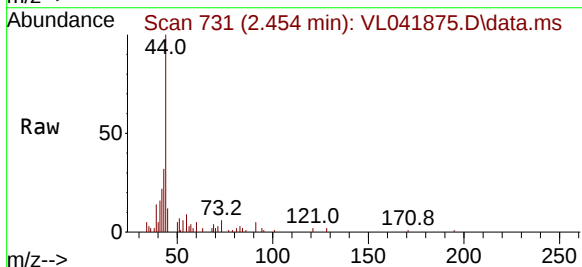
Instrument :
MSVOA_L
ClientSampleId :

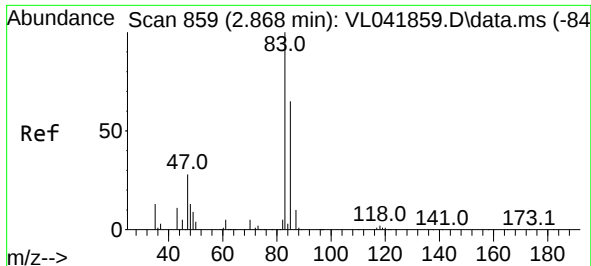
Tgt Ion: 76 Resp: 117
Ion Ratio Lower Upper
76 100
44 9141.0 13.1 19.7#
78 239.3 9.5 14.3#



#28
Methyl tert-Butyl Ether
Concen: 0.006 ppbv
RT: 2.454 min Scan# 731
Delta R.T. -0.003 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion: 73 Resp: 92
Ion Ratio Lower Upper
73 100
57 317.4 17.5 26.3#





#29

Chloroform

Concen: 0.031 ppbv

RT: 2.865 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041875.D

Acq: 09 Jan 2025 20:16

Instrument :

MSVOA_L

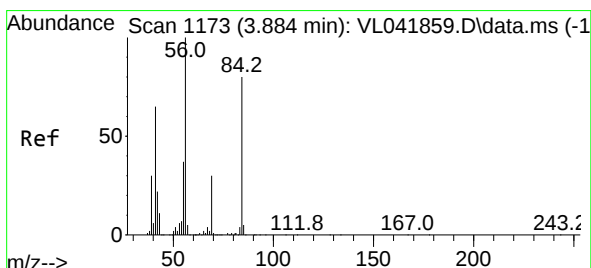
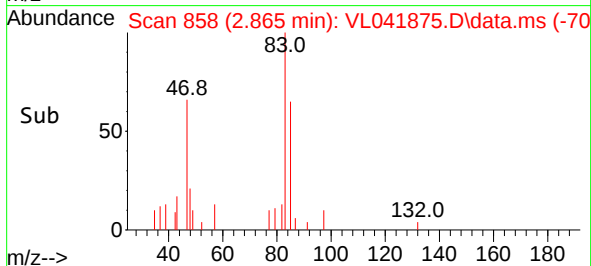
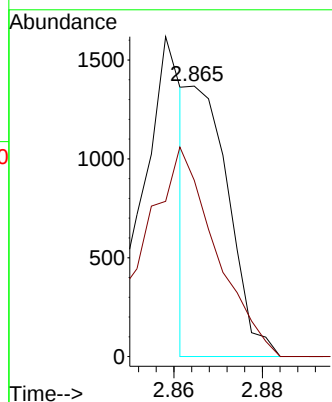
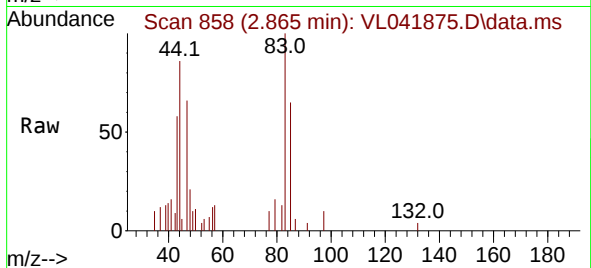
ClientSampleId :

Tgt Ion: 83 Resp: 864

Ion Ratio Lower Upper

83 100

85 65.1 51.7 77.5



#30

Cyclohexane

Concen: 0.021 ppbv

RT: 3.874 min Scan# 1170

Delta R.T. -0.010 min

Lab File: VL041875.D

Acq: 09 Jan 2025 20:16

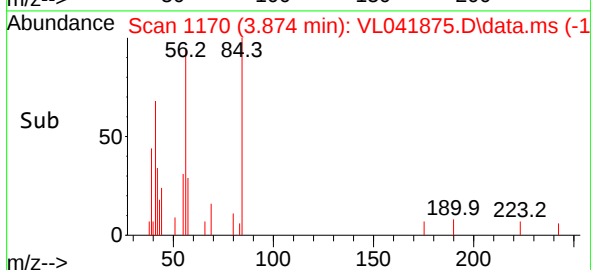
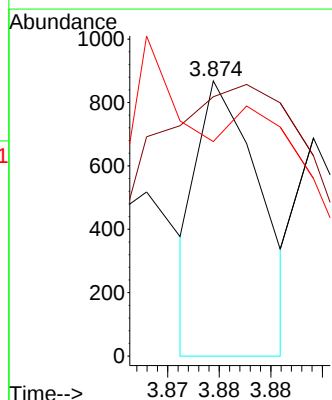
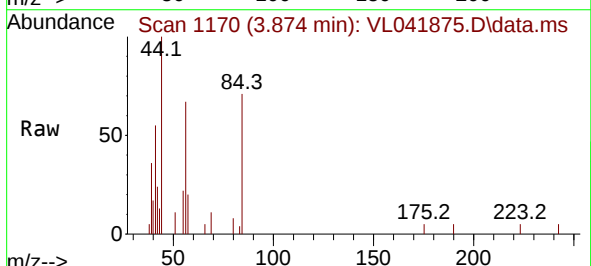
Tgt Ion: 84 Resp: 365

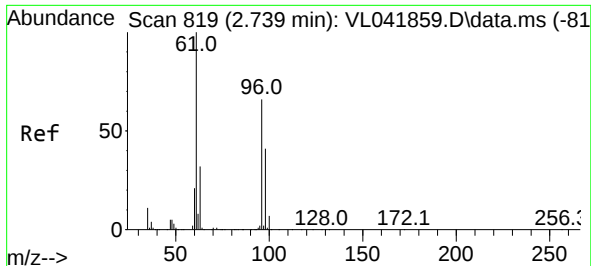
Ion Ratio Lower Upper

84 100

56 393.2 100.7 151.1#

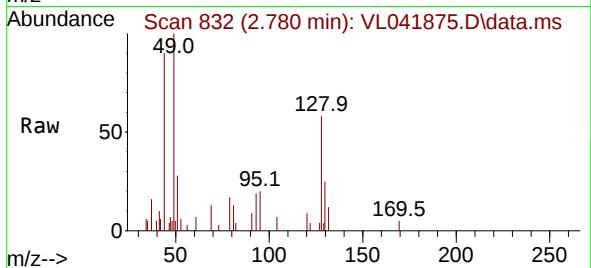
41 0.0 62.8 94.2#



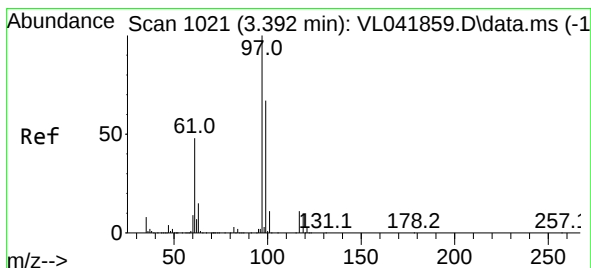
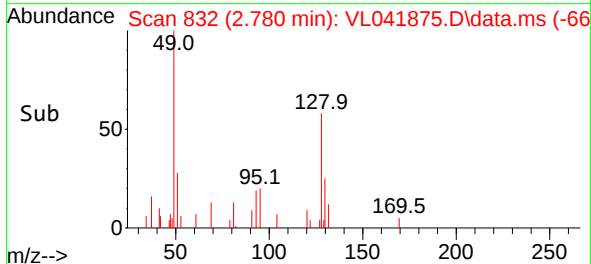
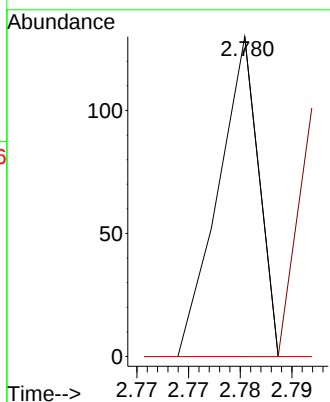


#31
 cis-1,2-Dichloroethene
 Concen: 0.002 ppbv
 RT: 2.780 min Scan# 819
 Delta R.T. 0.042 min
 Lab File: VL041875.D
 Acq: 09 Jan 2025 20:16

Instrument :
 MSVOA_L
 ClientSampleId :

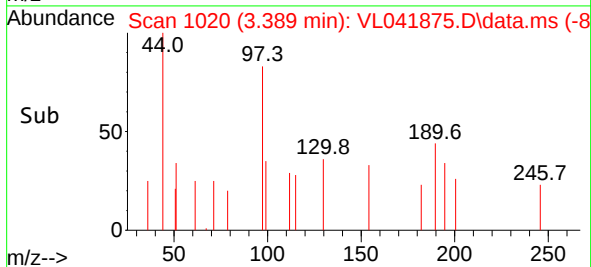
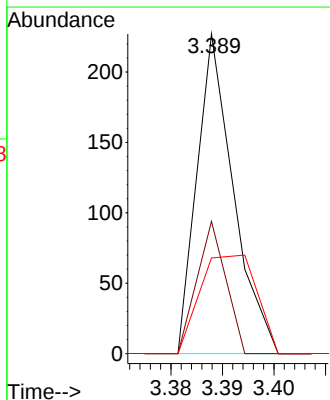
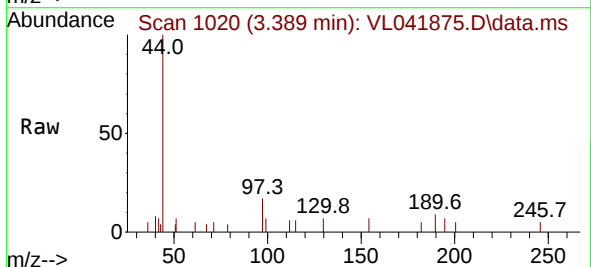


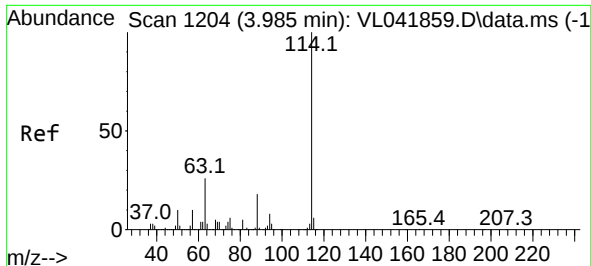
Tgt Ion: 61 Resp: 35
 Ion Ratio Lower Upper
 61 100
 96 0.0 53.2 79.8#
 98 0.0 32.5 48.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.002 ppbv
 RT: 3.389 min Scan# 1020
 Delta R.T. -0.003 min
 Lab File: VL041875.D
 Acq: 09 Jan 2025 20:16

Tgt Ion: 97 Resp: 56
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.0 78.0#
 61 0.0 38.8 58.2#

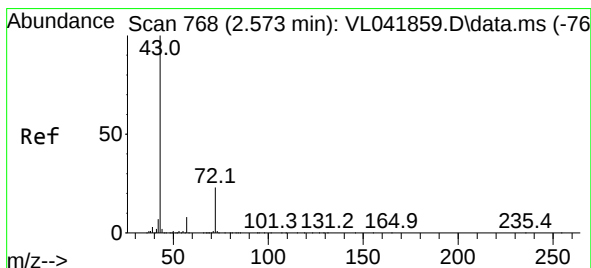
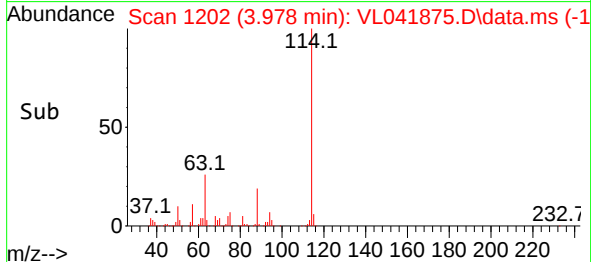
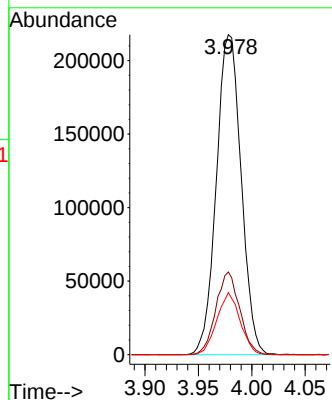
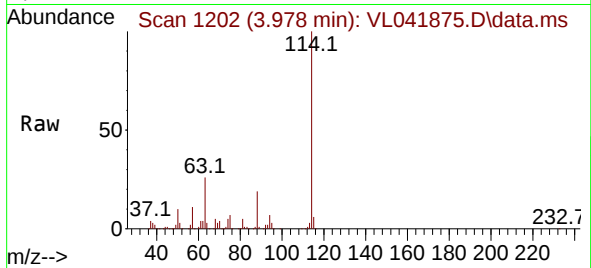




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

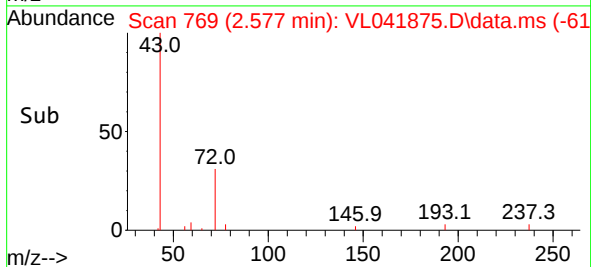
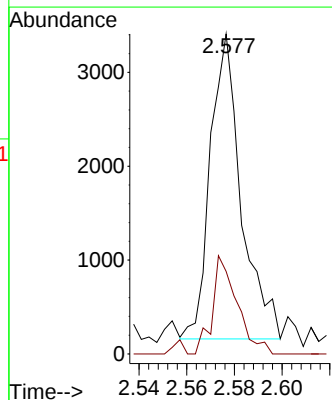
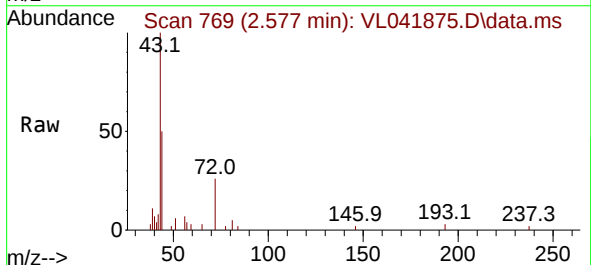
Instrument :
MSVOA_L
ClientSampleId :

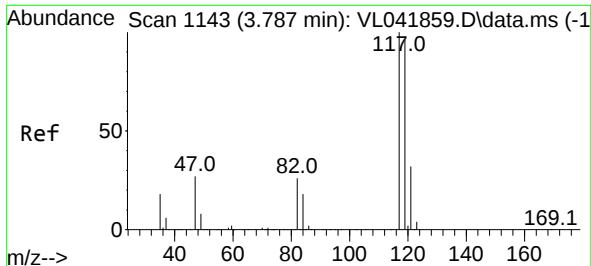
Tgt Ion:114 Resp: 351417
Ion Ratio Lower Upper
114 100
63 24.7 20.3 30.5
88 18.2 14.6 21.8



#34
2-Butanone
Concen: 0.100 ppbv
RT: 2.577 min Scan# 769
Delta R.T. 0.003 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

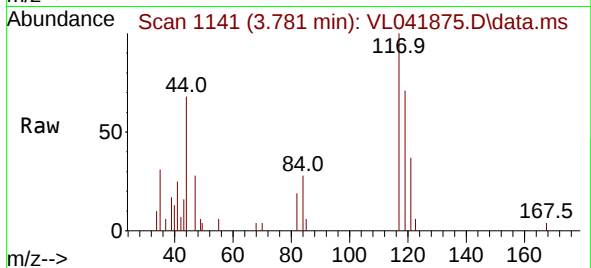
Tgt Ion: 43 Resp: 2930
Ion Ratio Lower Upper
43 100
72 27.2 18.5 27.7



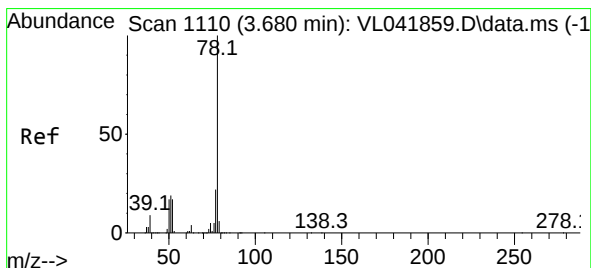
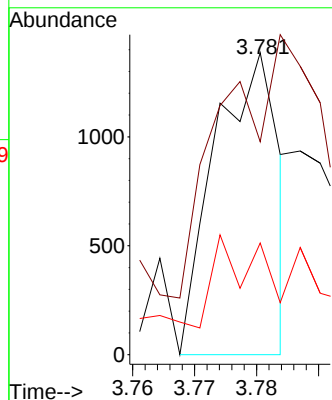
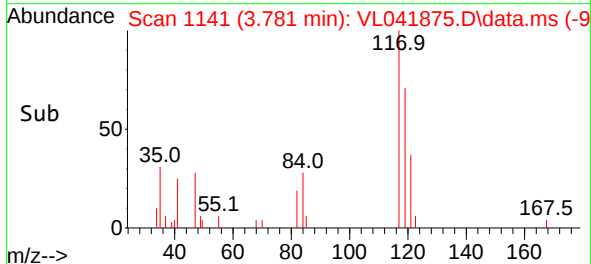


#35
Carbon Tetrachloride
Concen: 0.037 ppbv
RT: 3.781 min Scan# 1143
Delta R.T. -0.007 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

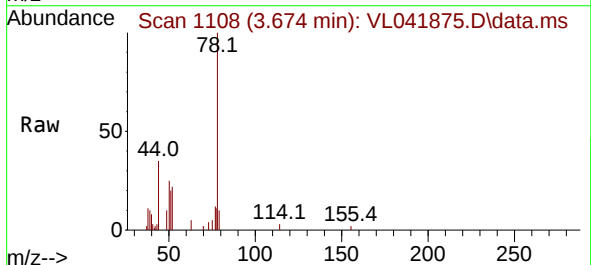
Instrument :
MSVOA_L
ClientSampleId :



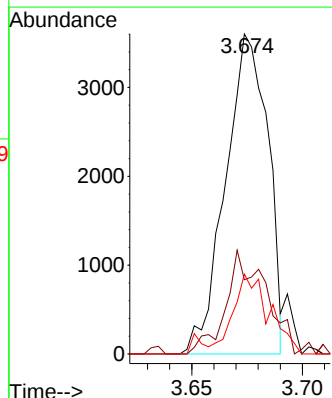
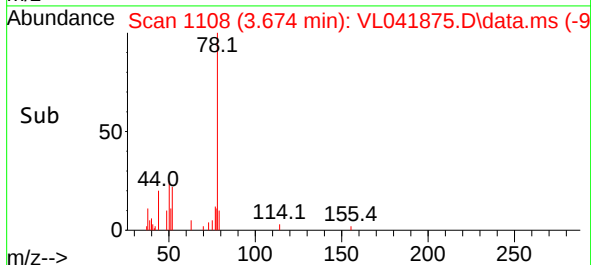
Tgt Ion:117 Resp: 997
Ion Ratio Lower Upper
117 100
119 51.8 76.9 115.3#
121 26.2 25.9 38.9

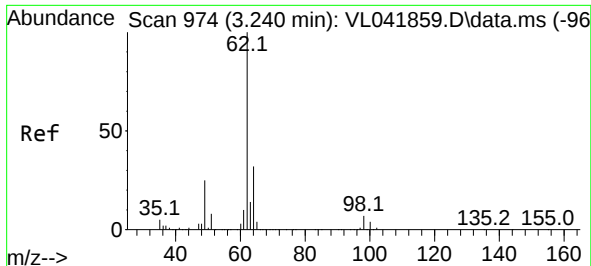


#36
Benzene
Concen: 0.118 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. -0.007 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16



Tgt Ion: 78 Resp: 4802
Ion Ratio Lower Upper
78 100
77 23.2 17.9 26.9
50 25.0 13.7 20.5#

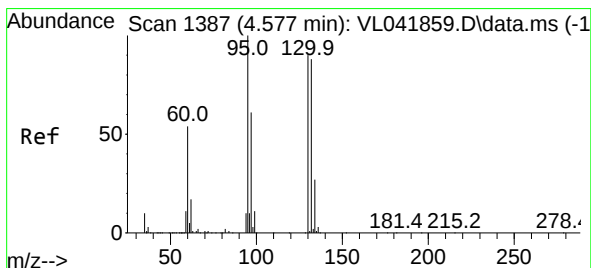
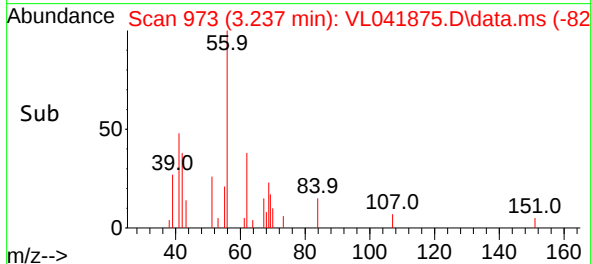
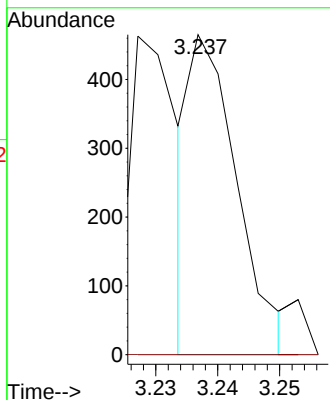
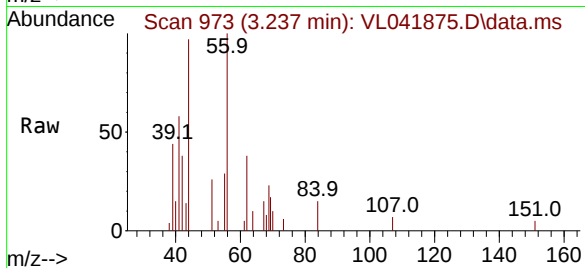




#37
1,2-Dichloroethane
Concen: 0.012 ppbv
RT: 3.237 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

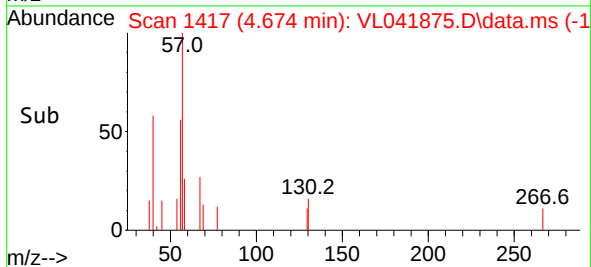
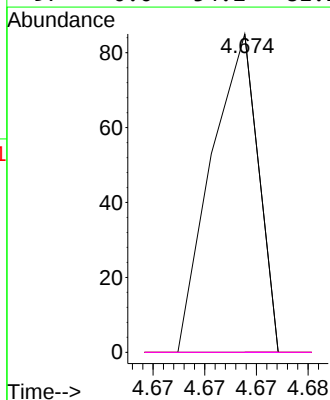
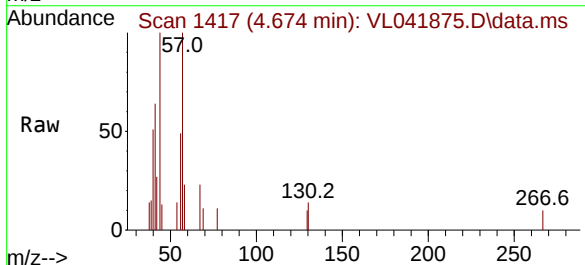
Instrument :
MSVOA_L
ClientSampleId :

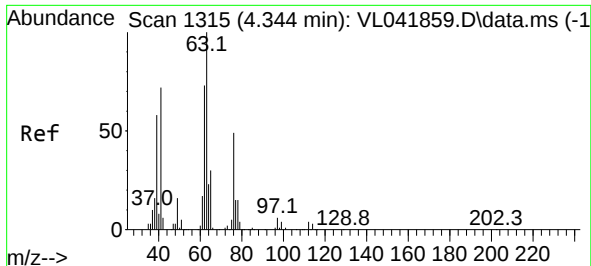
Tgt Ion: 62 Resp: 246
Ion Ratio Lower Upper
62 100
98 0.0 5.6 8.4#



#38
Trichloroethene
Concen: 0.002 ppbv
RT: 4.674 min Scan# 1417
Delta R.T. 0.097 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion:130 Resp: 27
Ion Ratio Lower Upper
130 100
95 0.0 88.5 132.7#
132 0.0 78.2 117.2#
97 0.0 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 5.988 ppbv

RT: 3.978 min Scan# 11

Delta R.T. -0.366 min

Lab File: VL041875.D

Acq: 09 Jan 2025 20:16

Instrument :

MSVOA_L

ClientSampleId :

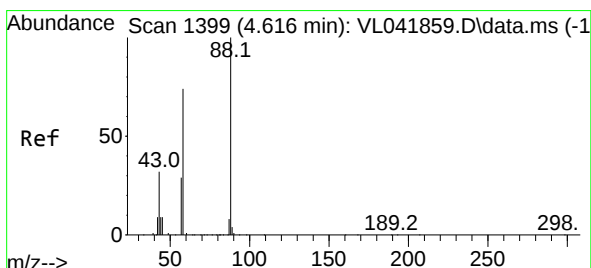
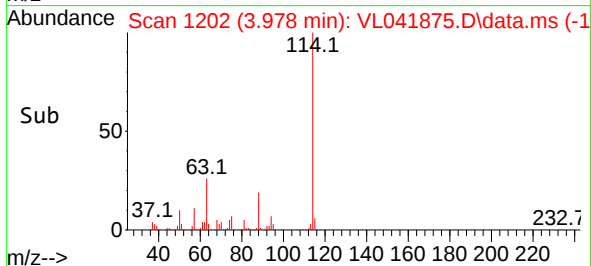
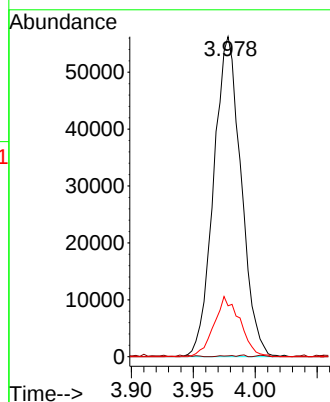
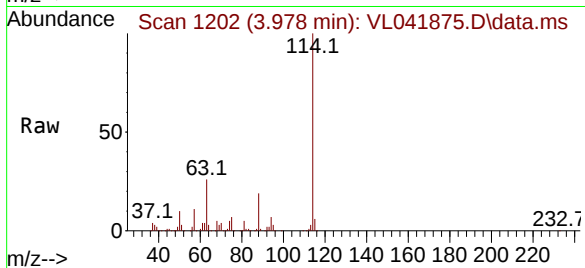
Tgt Ion: 63 Resp: 86849

Ion Ratio Lower Upper

63 100

41 0.2 58.0 87.0#

62 15.9 58.6 87.8#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 4.606 min Scan# 1396

Delta R.T. -0.010 min

Lab File: VL041875.D

Acq: 09 Jan 2025 20:16

Tgt Ion: 88 Resp: 24

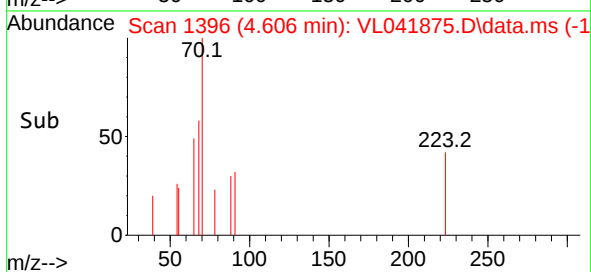
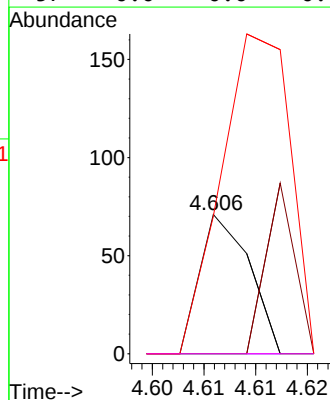
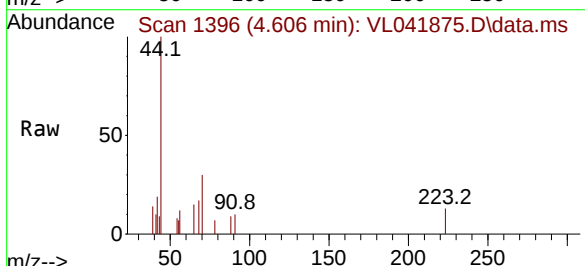
Ion Ratio Lower Upper

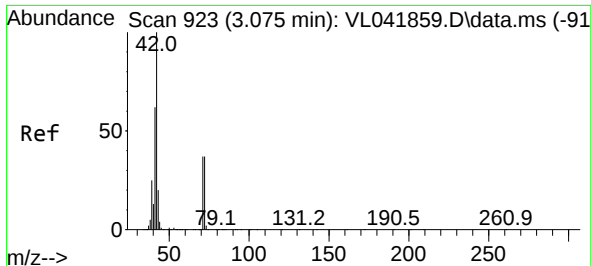
88 100

58 166.7 52.2 78.4#

43 866.7 0.0 0.0#

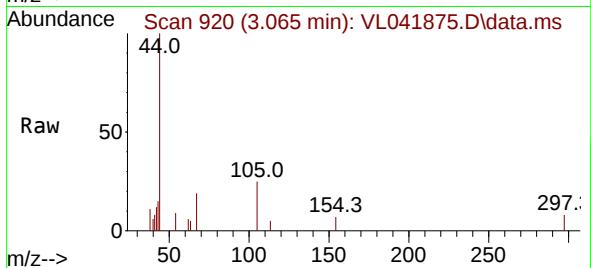
57 0.0 0.0 0.0



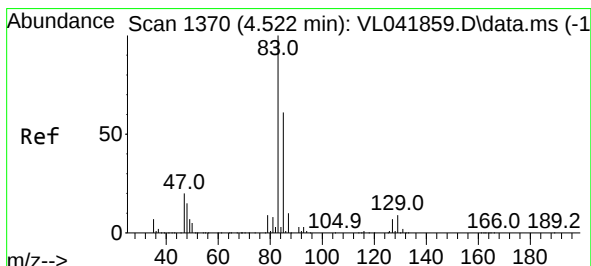
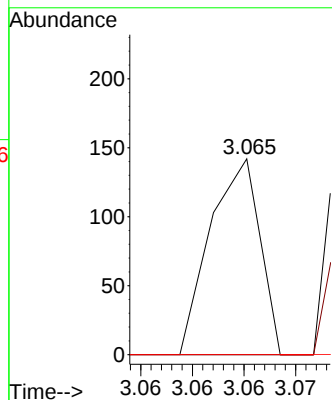
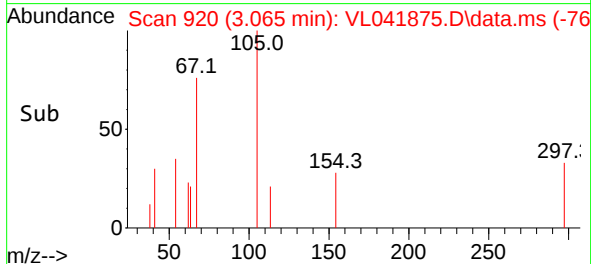


#41
Tetrahydrofuran
Concen: 0.003 ppbv
RT: 3.065 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

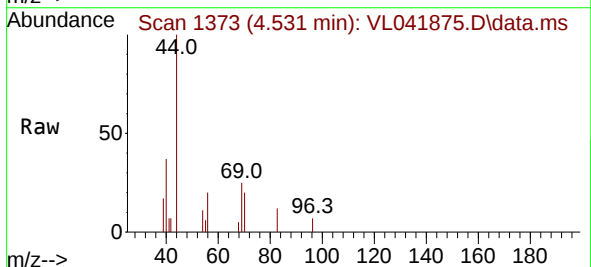
Instrument :
MSVOA_L
ClientSampleId :



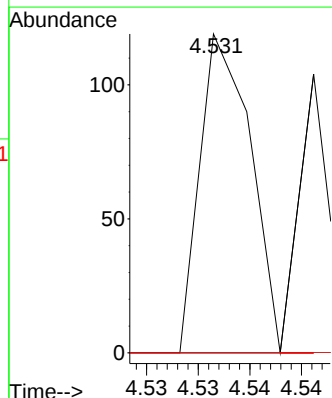
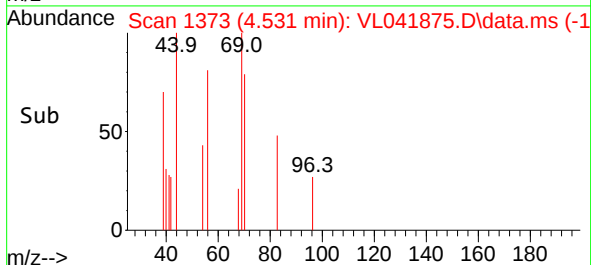
Tgt Ion: 42 Resp: 48
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 0.0 30.1 45.1#

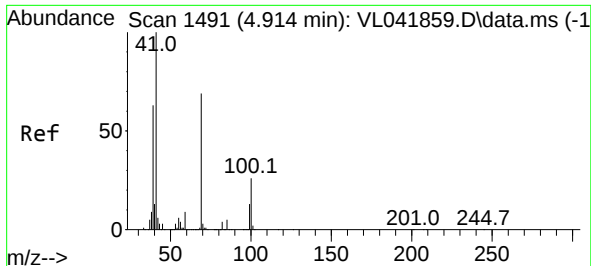


#42
Bromodichloromethane
Concen: 0.001 ppbv
RT: 4.531 min Scan# 1373
Delta R.T. 0.010 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16



Tgt Ion: 83 Resp: 41
Ion Ratio Lower Upper
83 100
85 0.0 48.9 73.3#
127 0.0 5.4 8.2#

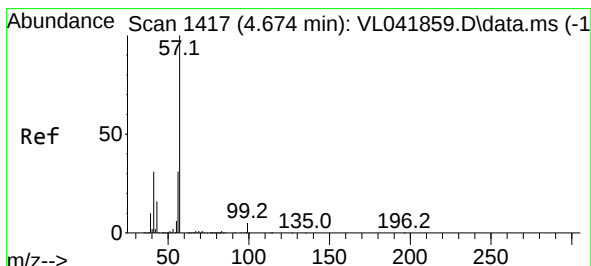
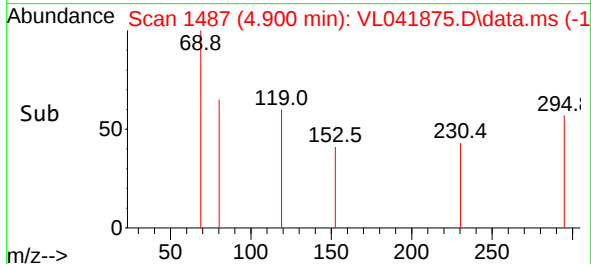
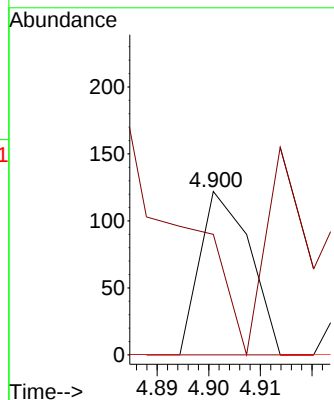
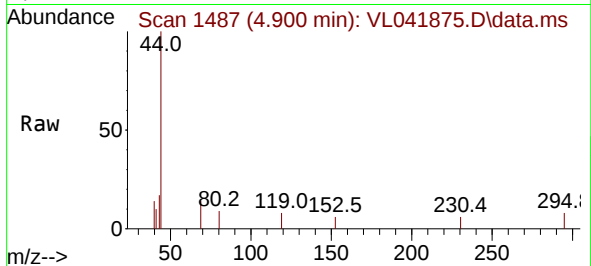




#43
Methyl Methacrylate
Concen: 0.002 ppbv
RT: 4.900 min Scan# 1415
Delta R.T. -0.013 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

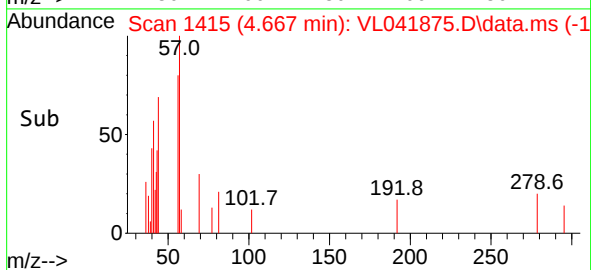
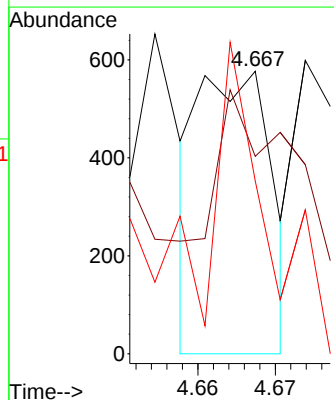
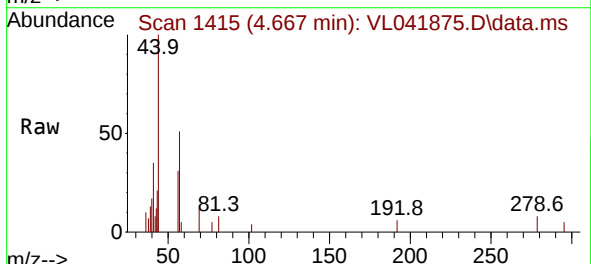
Instrument :
MSVOA_L
ClientSampleId :

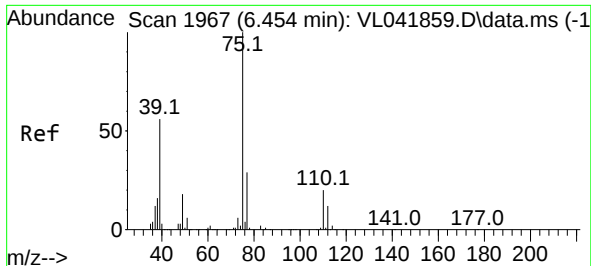
Tgt Ion: 69 Resp: 41
Ion Ratio Lower Upper
69 100
41 548.8 116.2 174.4#
100 0.0 29.8 44.8#



#44
2,2,4-Trimethylpentane
Concen: 0.005 ppbv
RT: 4.667 min Scan# 1415
Delta R.T. -0.007 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion: 57 Resp: 375
Ion Ratio Lower Upper
57 100
41 0.0 25.5 38.3#
56 0.0 25.6 38.4#

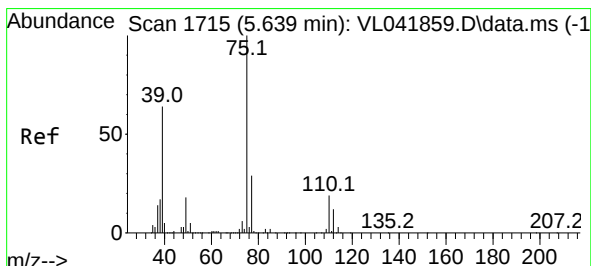
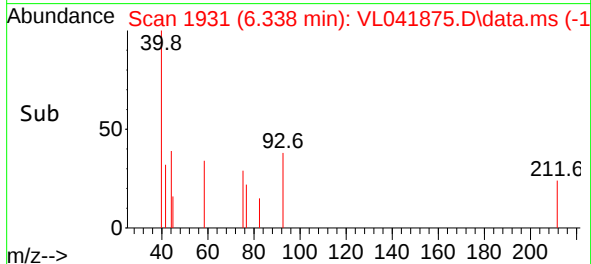
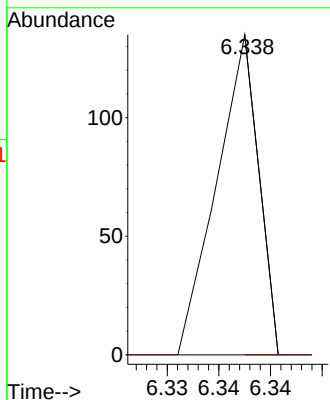
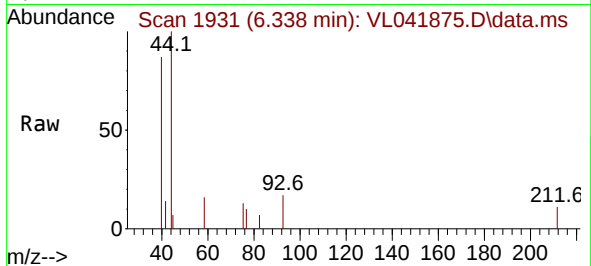




#45
t-1,3-Dichloropropene
Concen: 0.002 ppbv
RT: 6.338 min Scan# 1687
Delta R.T. -0.117 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

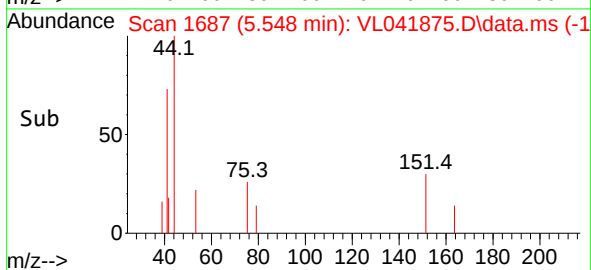
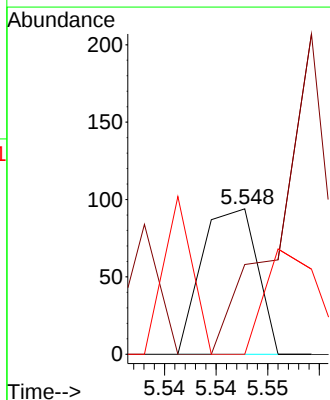
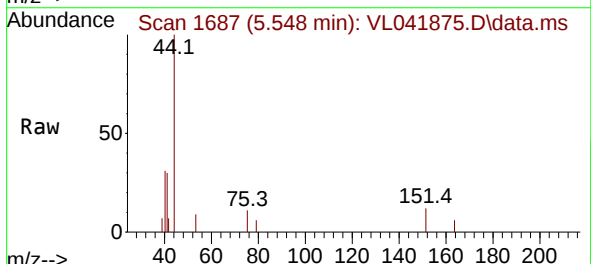
Instrument :
MSVOA_L
ClientSampleId :

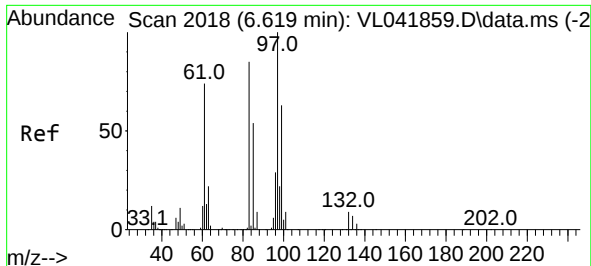
Tgt Ion: 75 Resp: 38
Ion Ratio Lower Upper
75 100
77 0.0 23.4 35.2#



#46
cis-1,3-Dichloropropene
Concen: 0.002 ppbv
RT: 5.548 min Scan# 1687
Delta R.T. -0.091 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

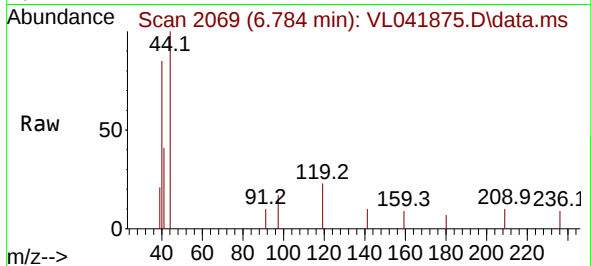
Tgt Ion: 75 Resp: 35
Ion Ratio Lower Upper
75 100
39 61.7 51.4 77.2
77 0.0 23.0 34.4#



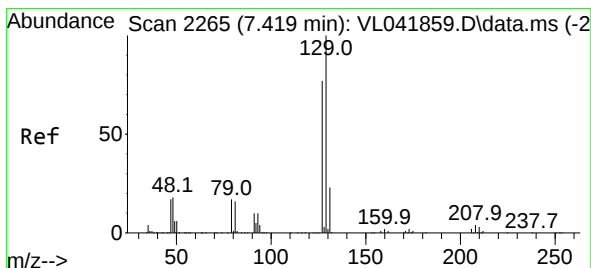
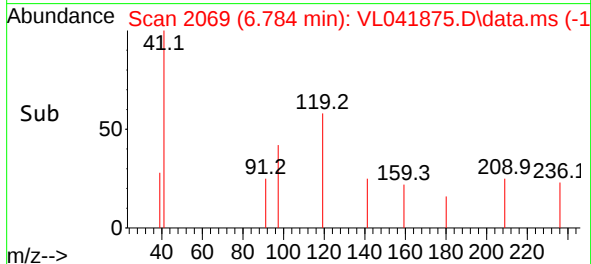
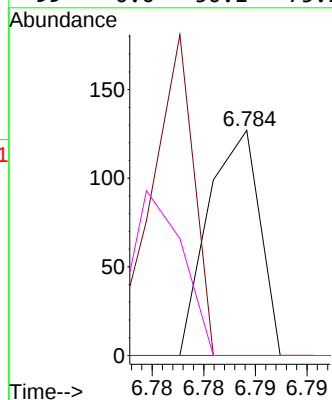


#47
1,1,2-Trichloroethane
Concen: 0.003 ppbv
RT: 6.784 min Scan# 2018
Delta R.T. 0.165 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Instrument :
MSVOA_L
ClientSampleId :

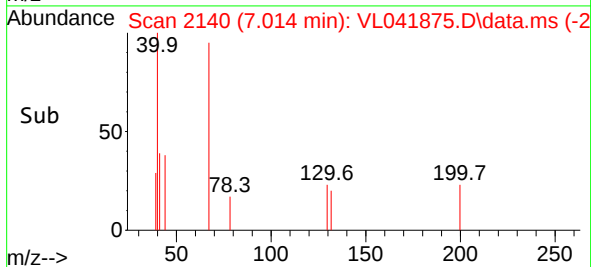
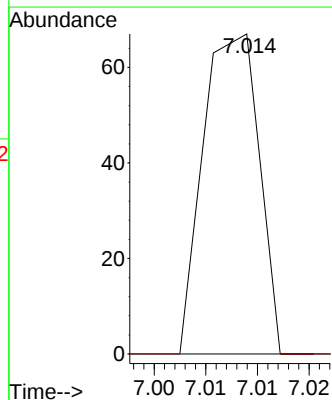
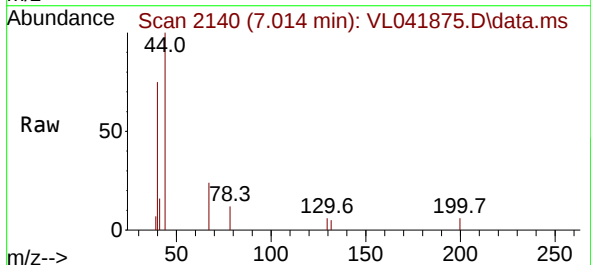


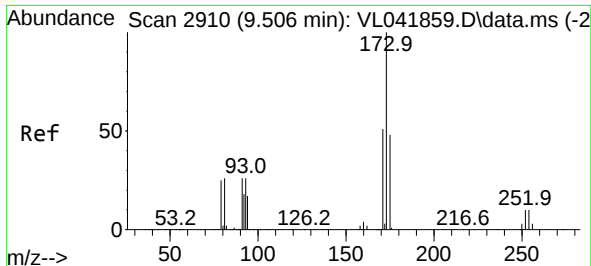
Tgt Ion: 97	Resp: 44
Ion Ratio	Lower Upper
97 100	
83 0.0	68.1 102.1#
85 0.0	43.4 65.2#
99 0.0	50.1 75.1#



#48
Dibromochloromethane
Concen: 0.001 ppbv
RT: 7.014 min Scan# 2140
Delta R.T. -0.405 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

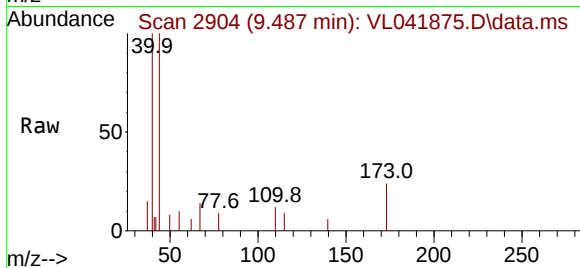
Tgt Ion:129	Resp:	25	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.4	118.1#



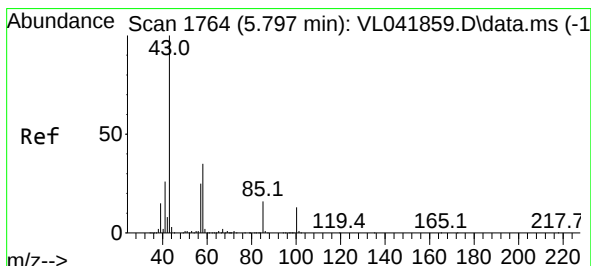
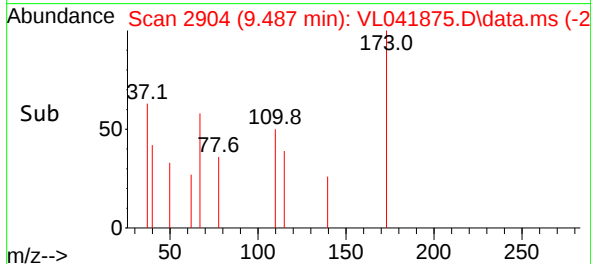
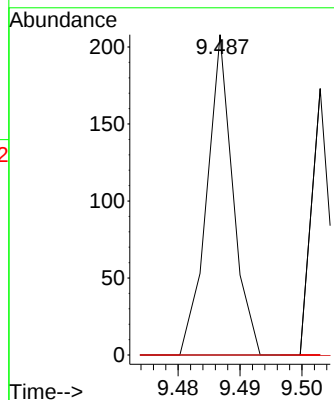


#49
Bromoform
Concen: 0.003 ppbv
RT: 9.487 min Scan# 2910
Delta R.T. -0.020 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Instrument :
MSVOA_L
ClientSampleId :

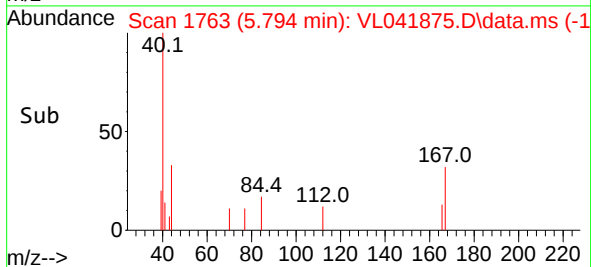
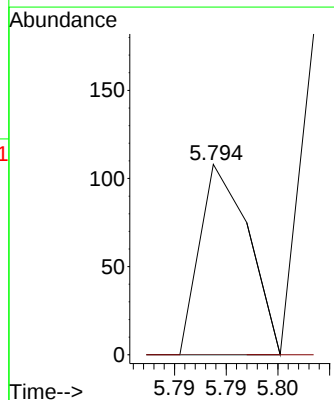
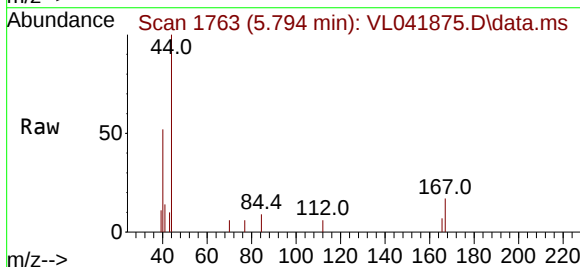


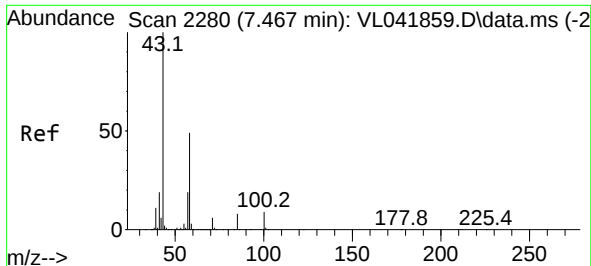
Tgt Ion:173 Resp: 61
Ion Ratio Lower Upper
173 100
175 0.0 38.2 57.2#
171 49.2 41.3 61.9



#50
4-Methyl-2-Pentanone
Concen: 0.001 ppbv
RT: 5.794 min Scan# 1763
Delta R.T. -0.003 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion: 43 Resp: 36
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#

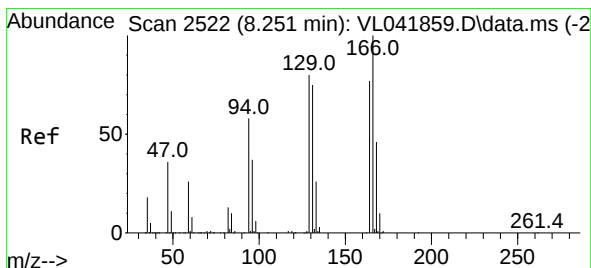
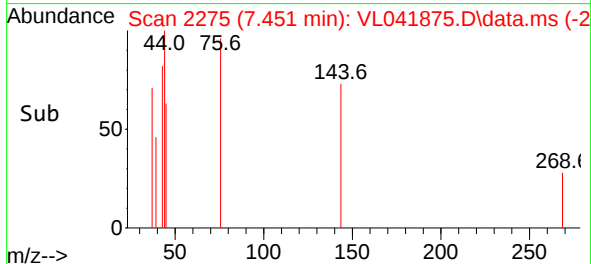
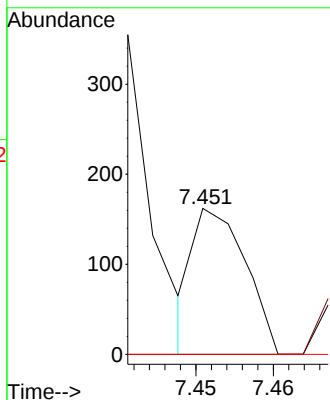
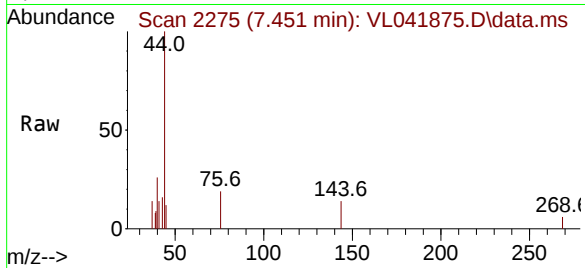




#51
2-Hexanone
Concen: 0.002 ppbv
RT: 7.451 min Scan# 210
Delta R.T. -0.016 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

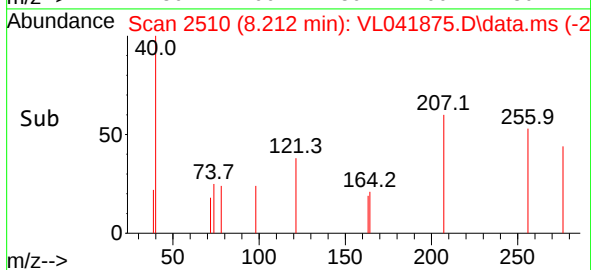
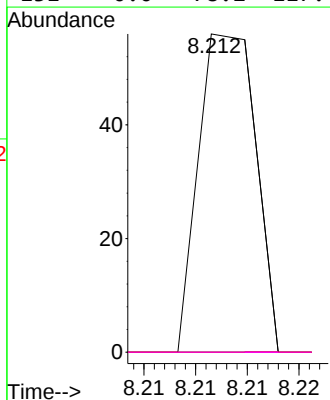
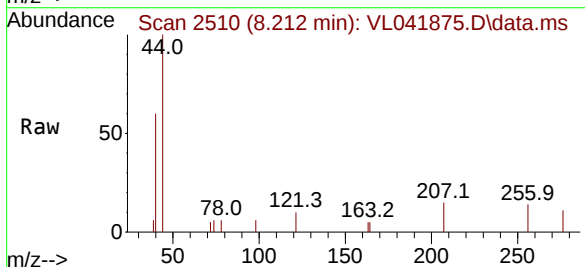
Instrument :
MSVOA_L
ClientSampleId :

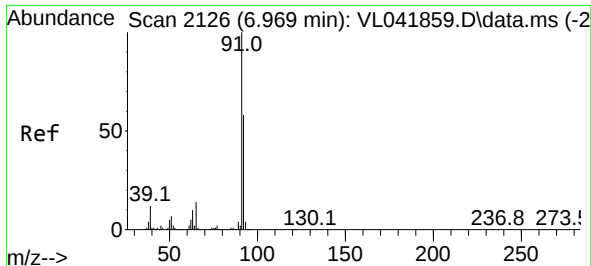
Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.001 ppbv
RT: 8.212 min Scan# 2510
Delta R.T. -0.039 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion: 164 Resp: 22
Ion Ratio Lower Upper
164 100
166 0.0 103.6 155.4#
129 0.0 82.6 123.8#
131 0.0 78.2 117.4#

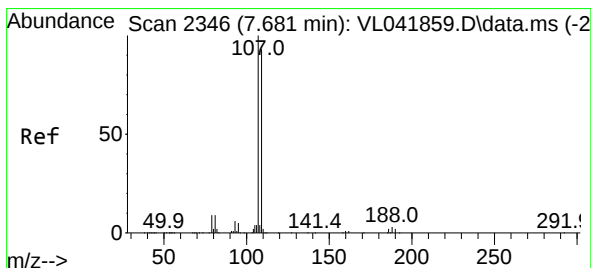
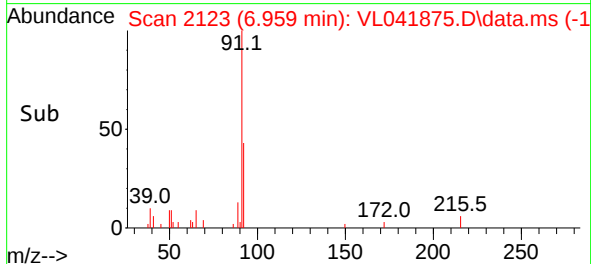
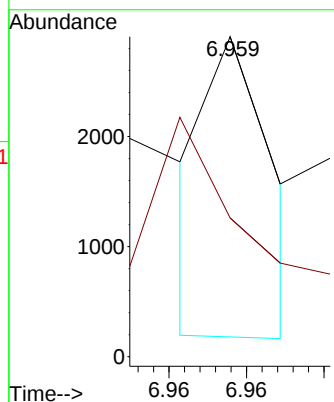
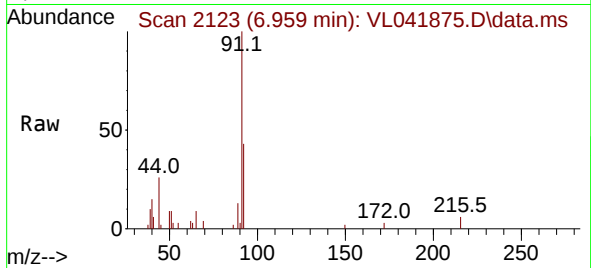




#53
Toluene
Concen: 0.016 ppbv
RT: 6.959 min Scan# 2126
Delta R.T. -0.010 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

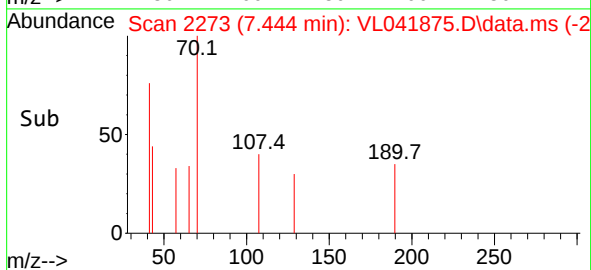
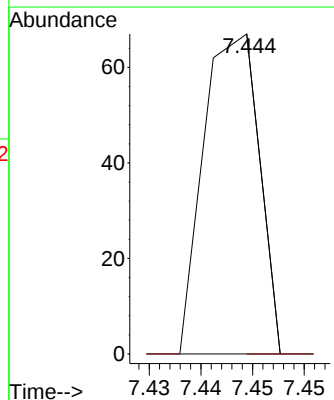
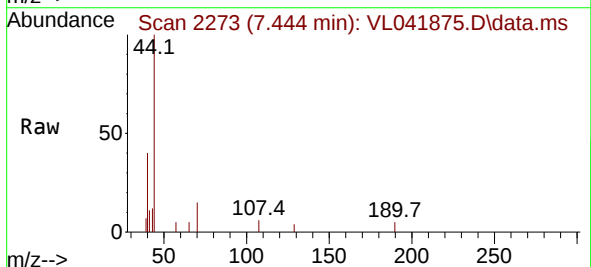
Instrument :
MSVOA_L
ClientSampleId :

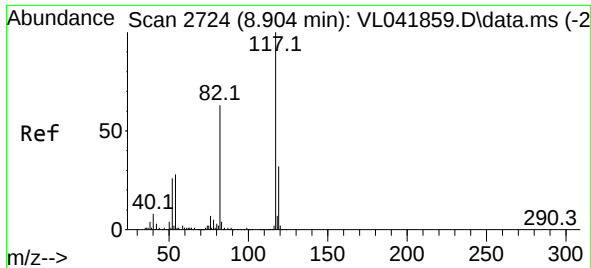
Tgt Ion: 91 Resp: 798
Ion Ratio Lower Upper
91 100
92 308.5 47.2 70.8#



#54
1,2-Dibromoethane
Concen: 0.001 ppbv
RT: 7.444 min Scan# 2273
Delta R.T. -0.236 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion: 107 Resp: 25
Ion Ratio Lower Upper
107 100
109 0.0 74.6 112.0#

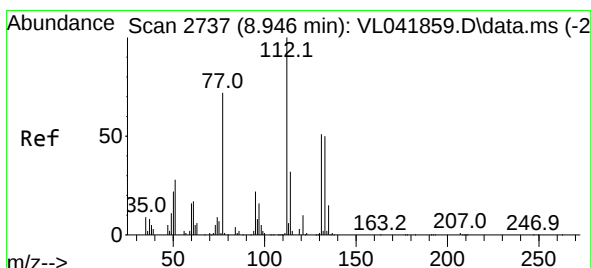
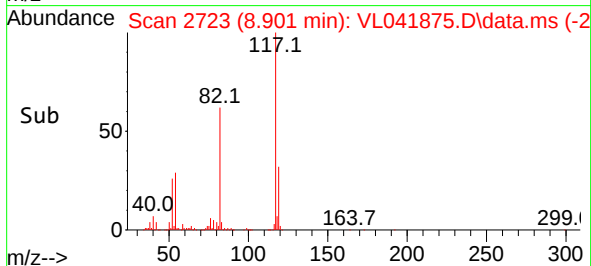
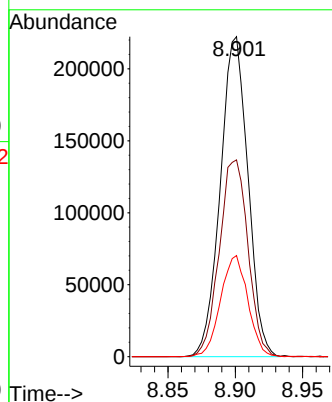
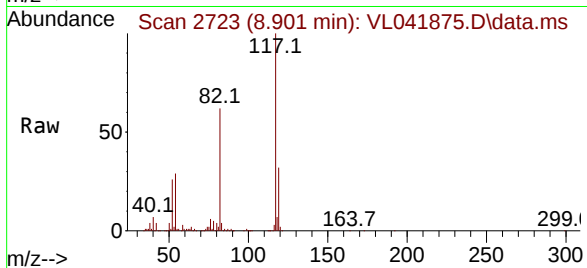




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

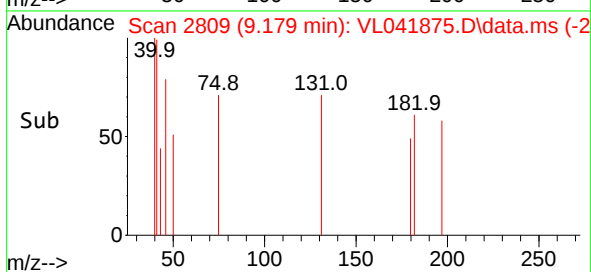
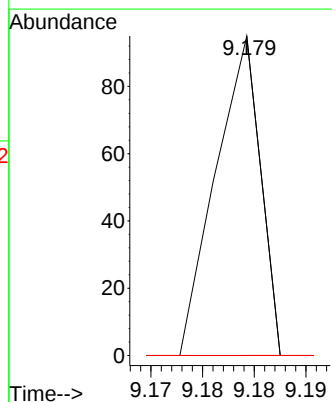
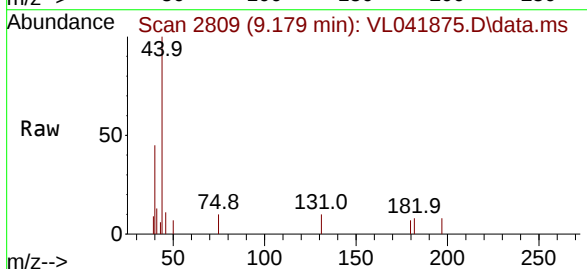
Instrument :
MSVOA_L
ClientSampleId :

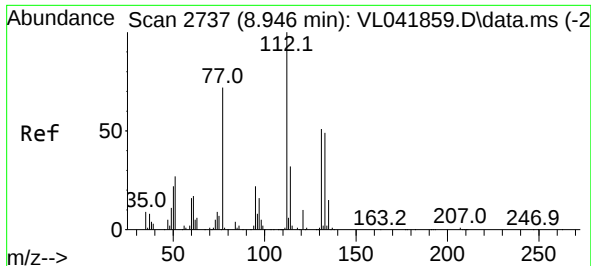
Tgt Ion:117 Resp: 317385
Ion Ratio Lower Upper
117 100
82 63.7 54.5 81.7
119 31.3 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.002 ppbv
RT: 9.179 min Scan# 2809
Delta R.T. 0.233 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

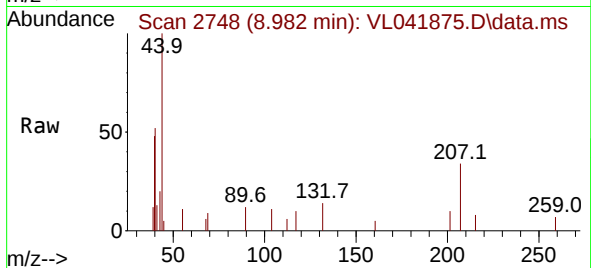
Tgt Ion:131 Resp: 29
Ion Ratio Lower Upper
131 100
133 0.0 77.4 116.2#
119 0.0 49.4 74.0#



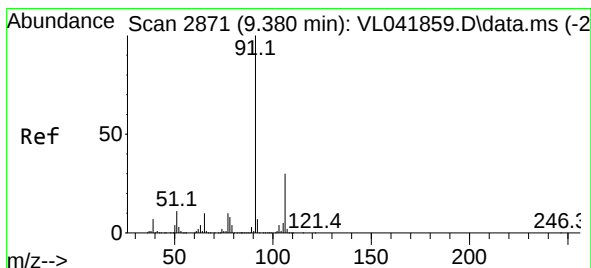
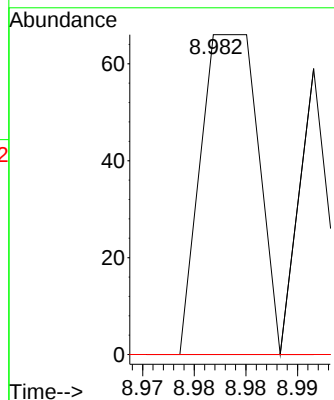
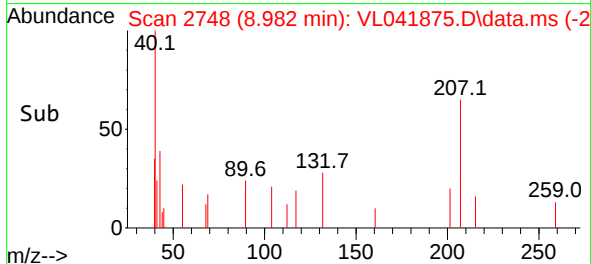


#57
Chlorobenzene
Concen: 0.001 ppbv
RT: 8.982 min Scan# 21
Delta R.T. 0.035 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

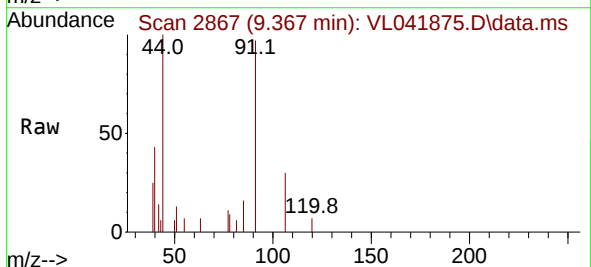
Instrument :
MSVOA_L
ClientSampleId :



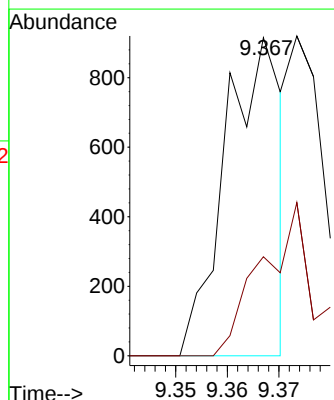
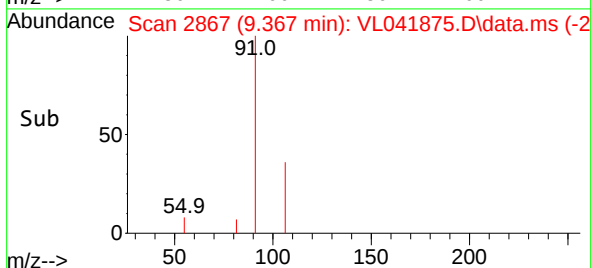
Tgt Ion:112 Resp: 26
Ion Ratio Lower Upper
112 100
77 0.0 58.3 87.5#
114 0.0 28.9 35.3#

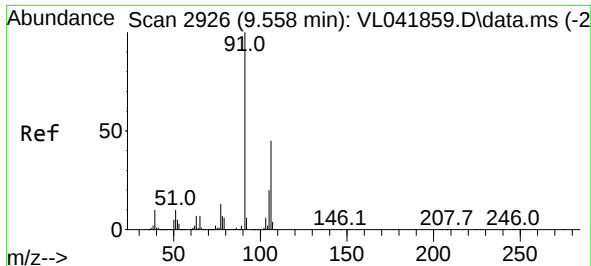


#58
Ethyl Benzene
Concen: 0.011 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. -0.013 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16



Tgt Ion: 91 Resp: 694
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.2





#59

m/p-Xylene

Concen: 0.022 ppbv

RT: 9.555 min Scan# 2926

Delta R.T. -0.003 min

Lab File: VL041875.D

Acq: 09 Jan 2025 20:16

Instrument :

MSVOA_L

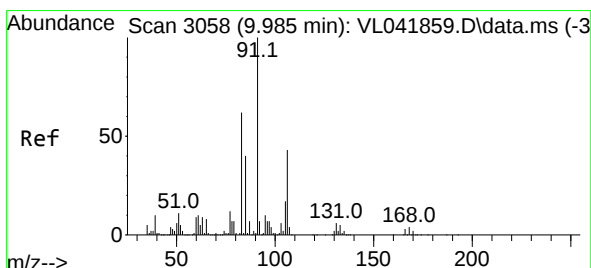
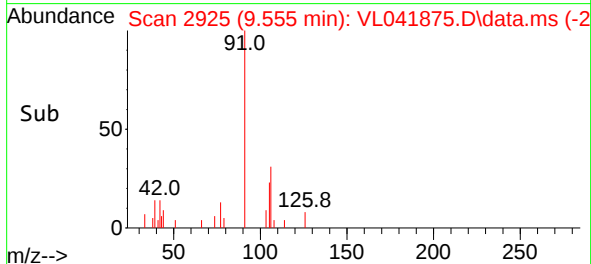
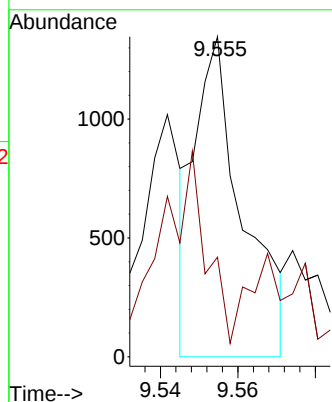
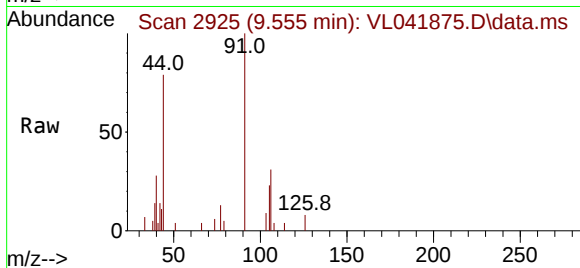
ClientSampleId :

Tgt Ion: 91 Resp: 1150

Ion Ratio Lower Upper

91 100

106 101.9 0.0 0.0#



#60

o-Xylene

Concen: 0.012 ppbv

RT: 9.985 min Scan# 3058

Delta R.T. -0.000 min

Lab File: VL041875.D

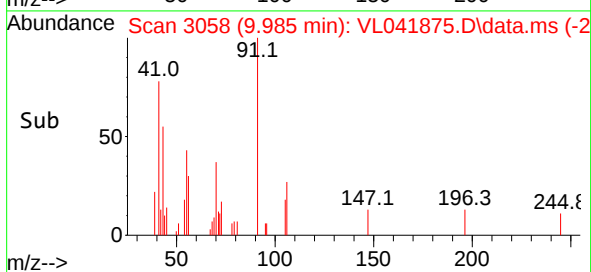
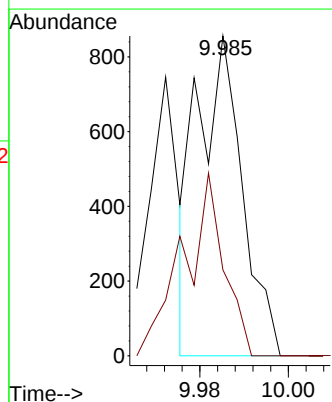
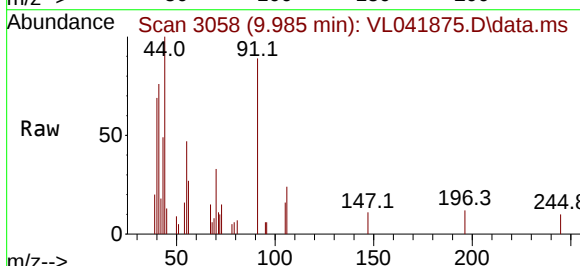
Acq: 09 Jan 2025 20:16

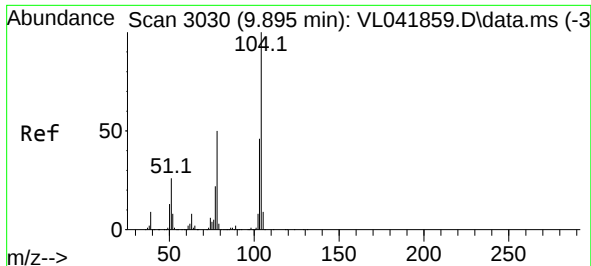
Tgt Ion: 91 Resp: 601

Ion Ratio Lower Upper

91 100

106 51.9 21.4 64.3

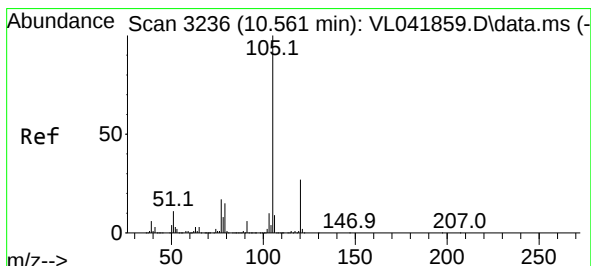
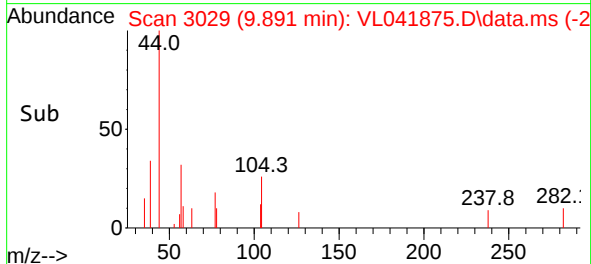
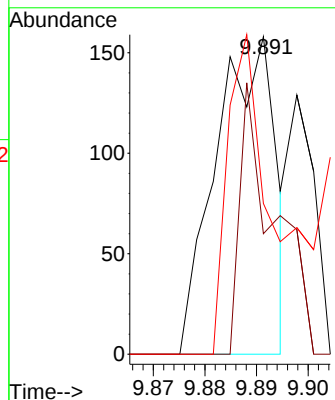
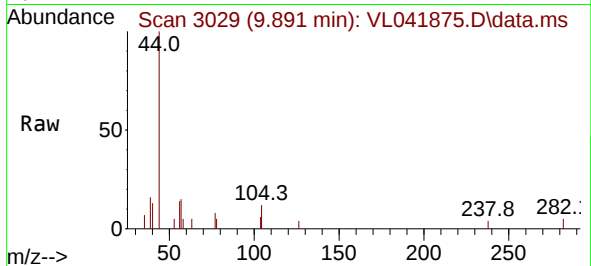




#61
Styrene
Concen: 0.005 ppbv
RT: 9.891 min Scan# 3030
Delta R.T. -0.003 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

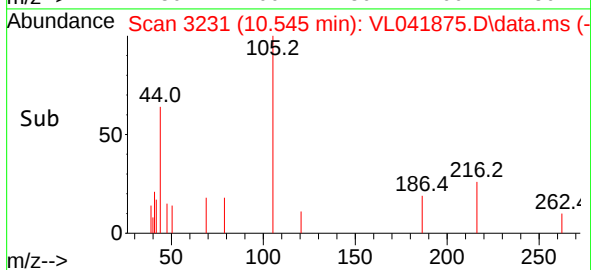
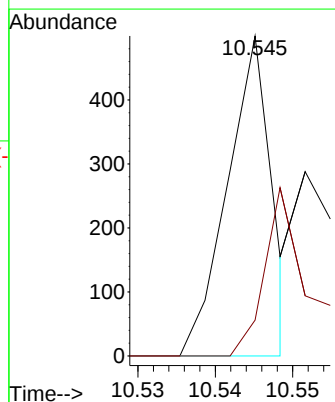
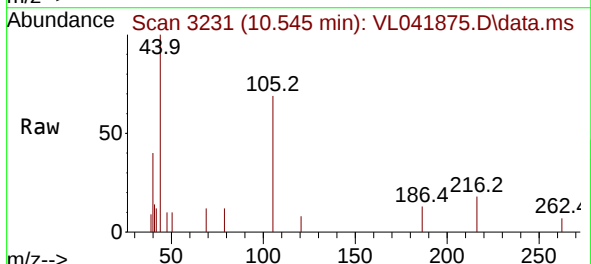
Instrument :
MSVOA_L
ClientSampleId :

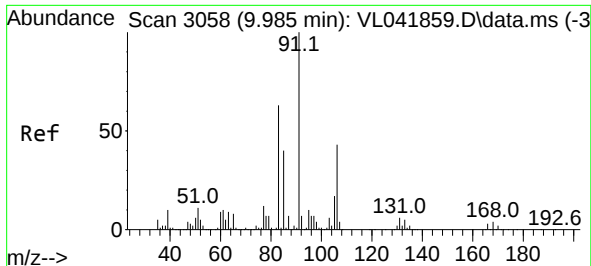
Tgt Ion:104 Resp: 127
Ion Ratio Lower Upper
104 100
78 49.6 40.7 61.1
103 96.1 37.0 55.6#



#62
Isopropylbenzene
Concen: 0.003 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.016 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion:105 Resp: 200
Ion Ratio Lower Upper
105 100
120 62.0 20.3 30.5#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.001 ppbv

RT: 9.988 min Scan# 3058

Delta R.T. 0.003 min

Lab File: VL041875.D

Acq: 09 Jan 2025 20:16

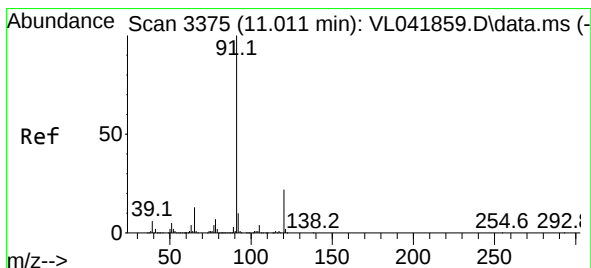
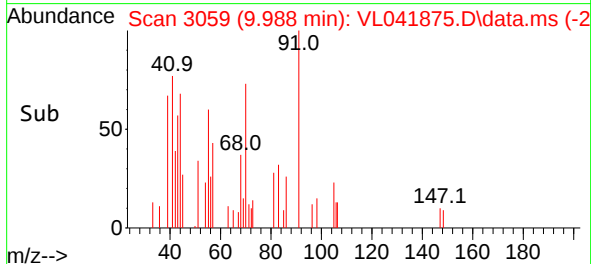
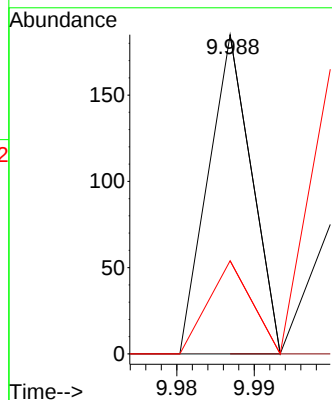
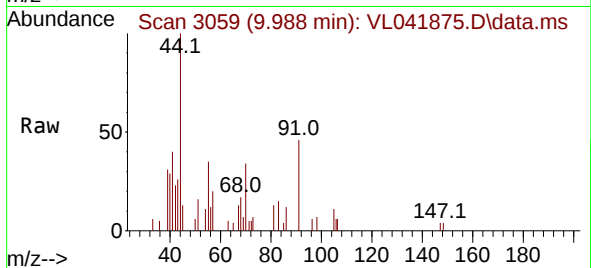
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 83 Resp: 36

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	0.0	32.1	96.3#



#64

n-propylbenzene

Concen: 0.002 ppbv

RT: 11.002 min Scan# 3372

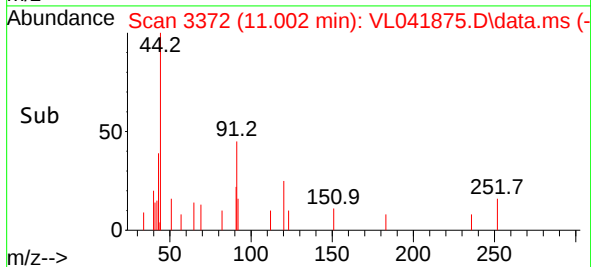
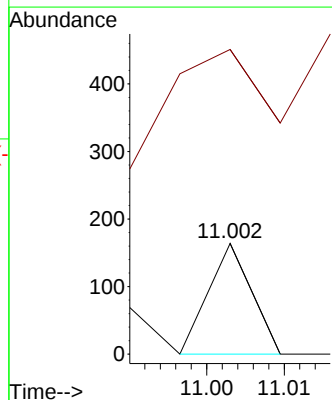
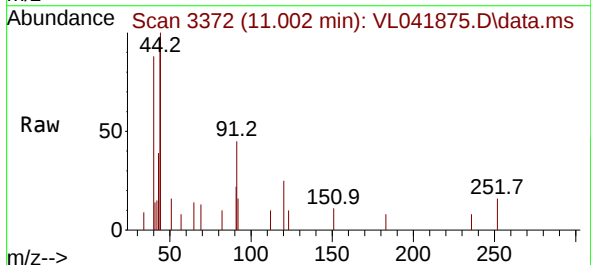
Delta R.T. -0.010 min

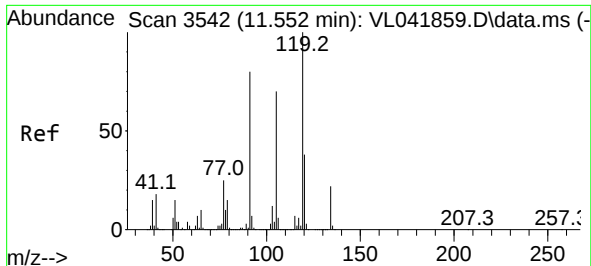
Lab File: VL041875.D

Acq: 09 Jan 2025 20:16

Tgt Ion: 120 Resp: 32

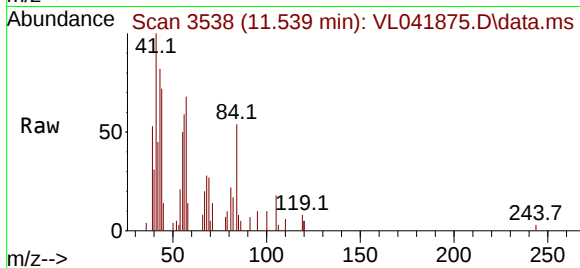
Ion	Ratio	Lower	Upper
120	100		
91	2184.4	376.9	565.3#



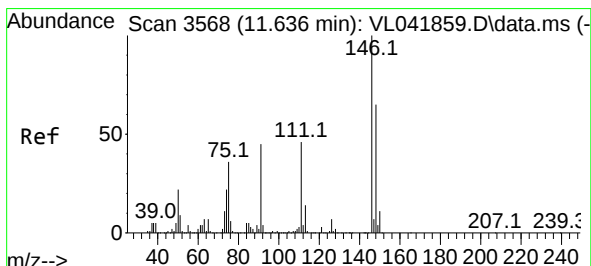
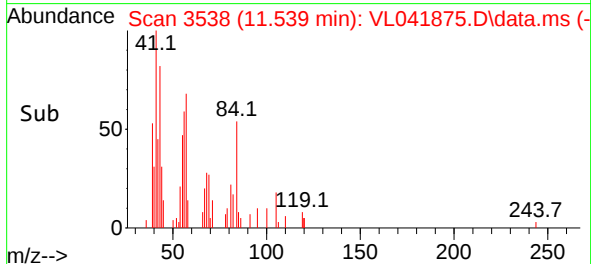
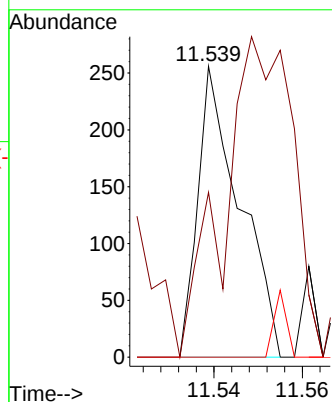


#65
tert-Butylbenzene
Concen: 0.002 ppbv
RT: 11.539 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Instrument :
MSVOA_L
ClientSampleId :

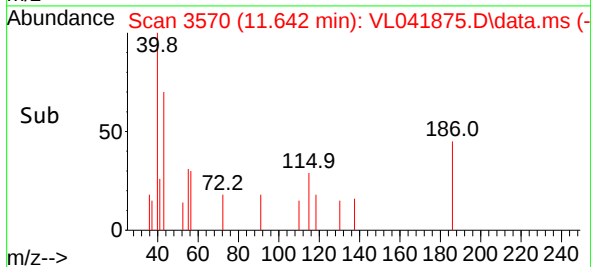
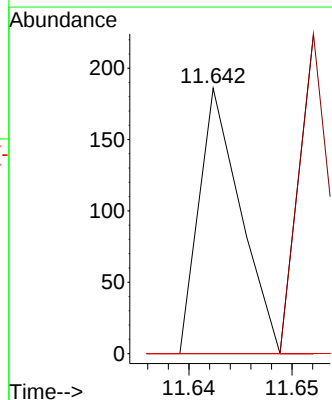
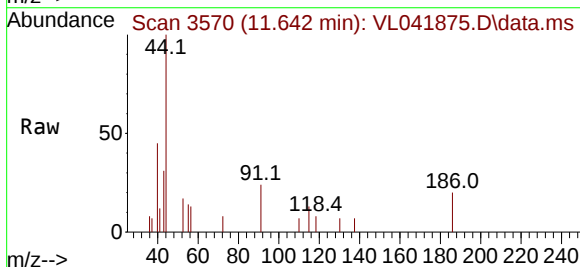


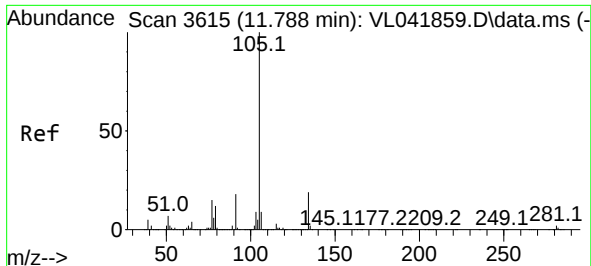
Tgt Ion:119 Resp: 169
Ion Ratio Lower Upper
119 100
91 236.1 64.6 97.0#
134 0.0 16.9 25.3#



#66
Benzyl Chloride
Concen: 0.007 ppbv
RT: 11.642 min Scan# 3570
Delta R.T. 0.006 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion: 91 Resp: 52
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.8 7.2#





#67

sec-Butylbenzene

Concen: 0.002 ppbv

RT: 11.778 min Scan# 30

Delta R.T. -0.010 min MSVOA_L

Lab File: VL041875.D

Acq: 09 Jan 2025 20:16

Instrument :

MSVOA_L

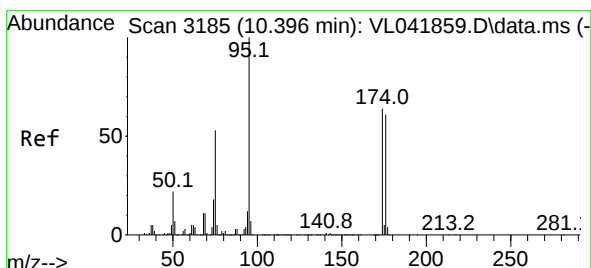
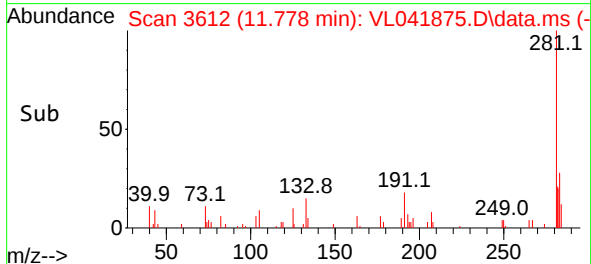
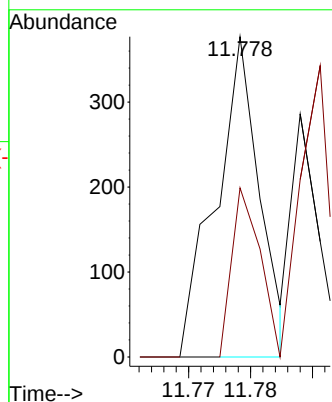
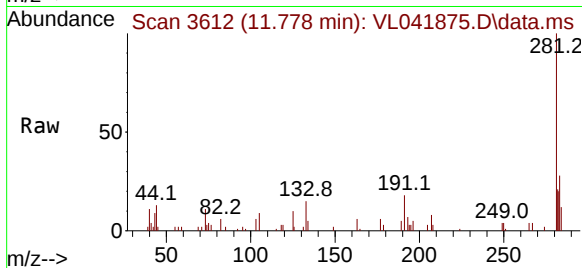
ClientSampleId :

Tgt Ion:105 Resp: 186

Ion Ratio Lower Upper

105 100

134 0.0 15.4 23.2#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.999 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. -0.007 min

Lab File: VL041875.D

Acq: 09 Jan 2025 20:16

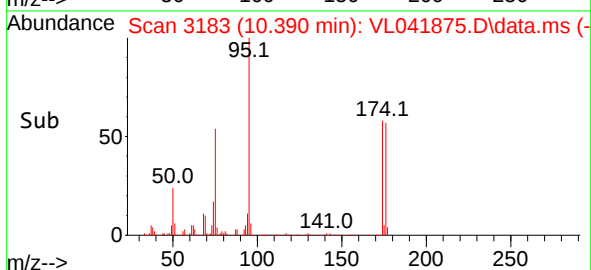
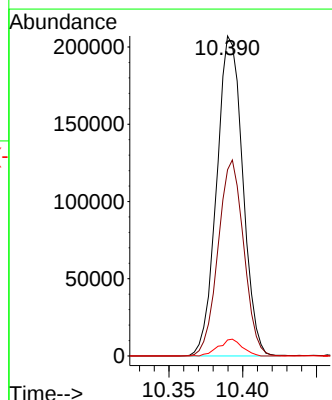
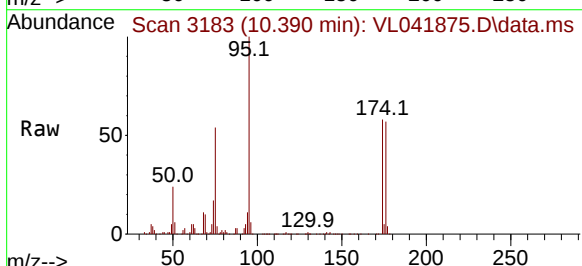
Tgt Ion: 95 Resp: 254476

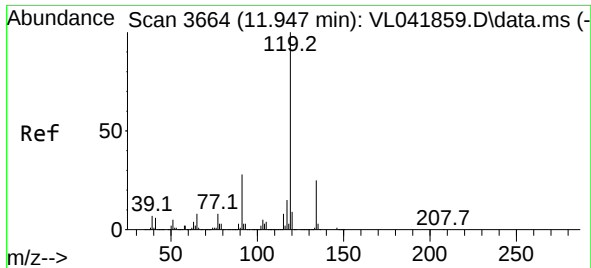
Ion Ratio Lower Upper

95 100

174 60.4 51.1 76.7

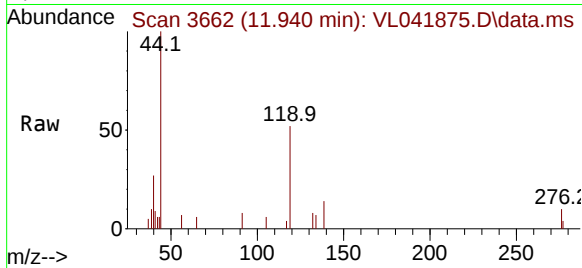
175 4.8 3.8 5.8



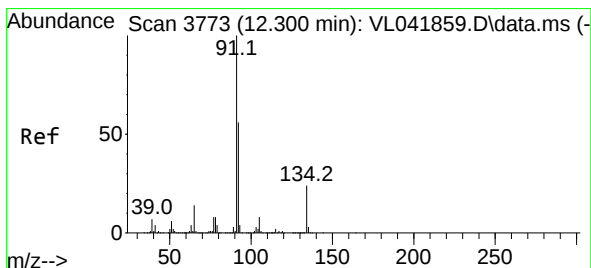
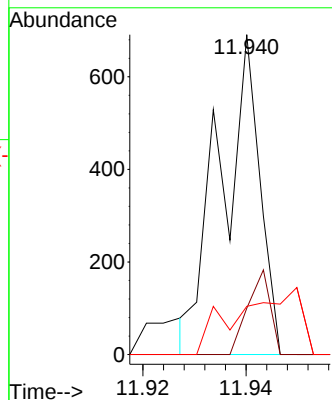
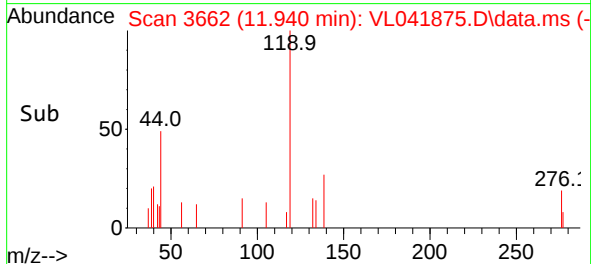


#69
p-Isopropyltoluene
Concen: 0.004 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. -0.007 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Instrument :
MSVOA_L
ClientSampleId :

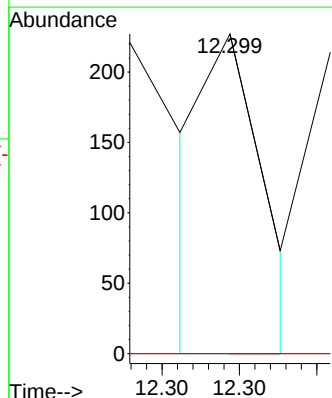
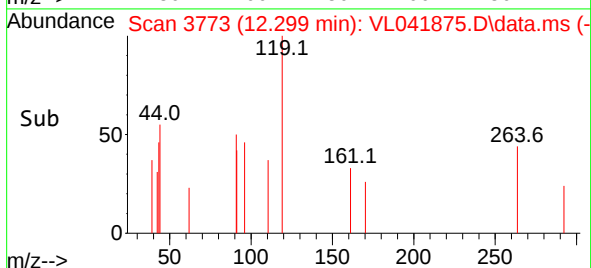
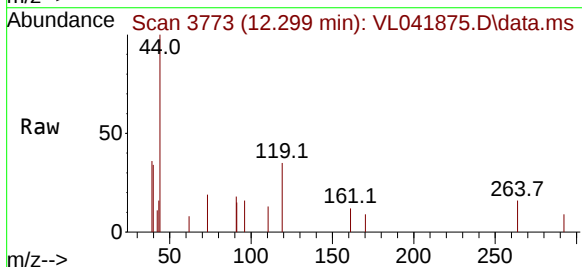


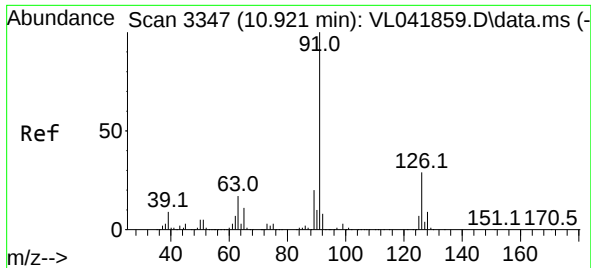
Tgt Ion:119 Resp: 365
Ion Ratio Lower Upper
119 100
134 0.0 20.3 30.5#
91 33.4 22.6 34.0



#70
n-Butylbenzene
Concen: 0.001 ppbv
RT: 12.299 min Scan# 3773
Delta R.T. -0.000 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion: 91 Resp: 58
Ion Ratio Lower Upper
91 100
92 0.0 43.8 65.8#
134 0.0 19.3 28.9#

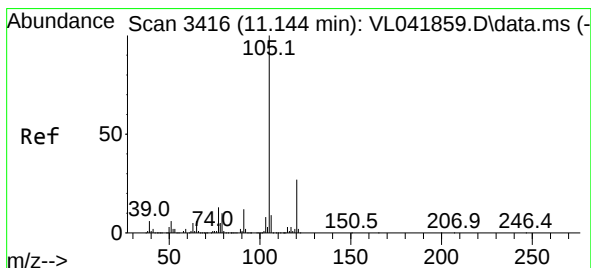
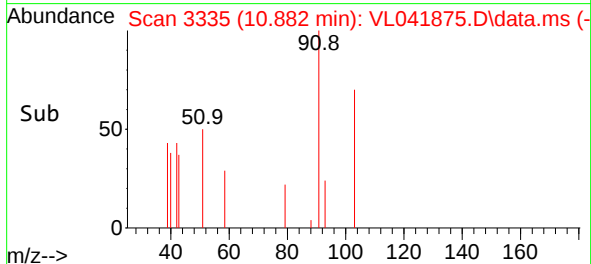
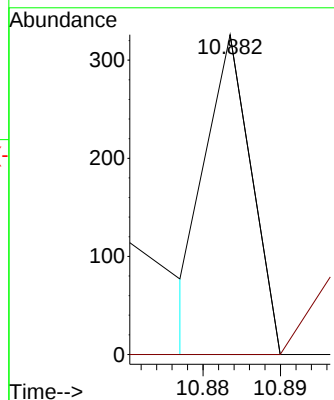
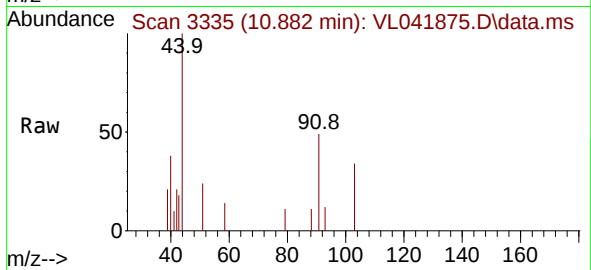




#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 10.882 min Scan# 31
Delta R.T. -0.039 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

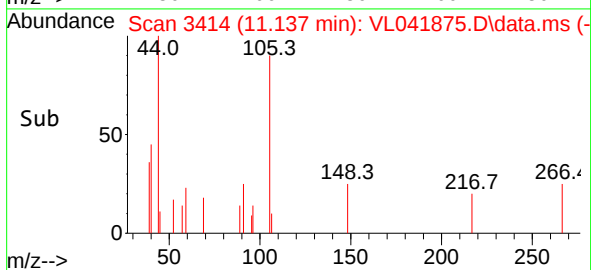
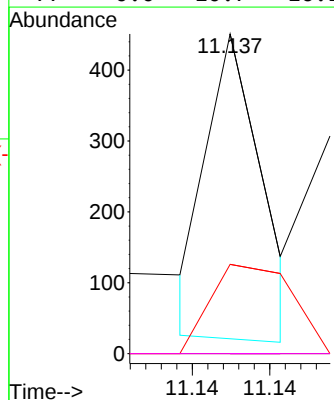
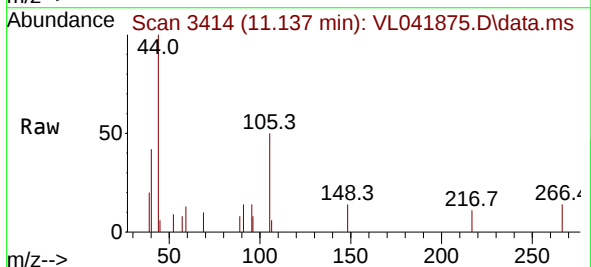
Instrument :
MSVOA_L
ClientSampleId :

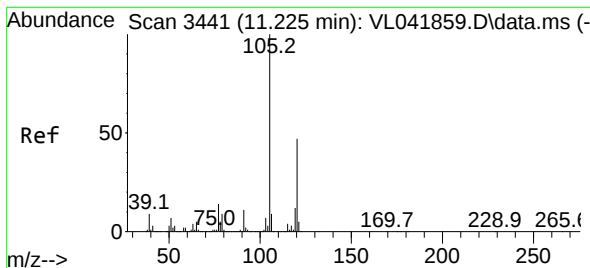
Tgt Ion: 91 Resp: 63
Ion Ratio Lower Upper
91 100
126 0.0 11.6 46.6#



#72
4-Ethyltoluene
Concen: 0.002 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.007 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion: 105 Resp: 106
Ion Ratio Lower Upper
105 100
120 0.0 23.5 35.3#
91 0.0 9.8 14.8#
77 0.0 10.7 16.1#





#73

1,3,5-Trimethylbenzene

Concen: 0.005 ppbv

RT: 11.218 min Scan# 3441

Delta R.T. -0.007 min

Lab File: VL041875.D

Acq: 09 Jan 2025 20:16

Instrument :

MSVOA_L

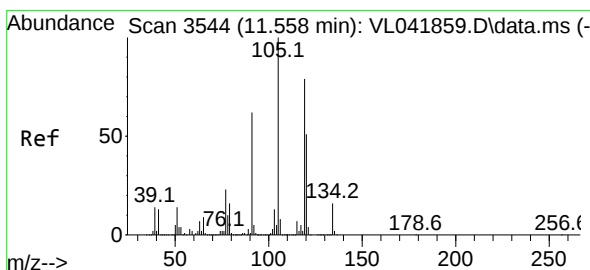
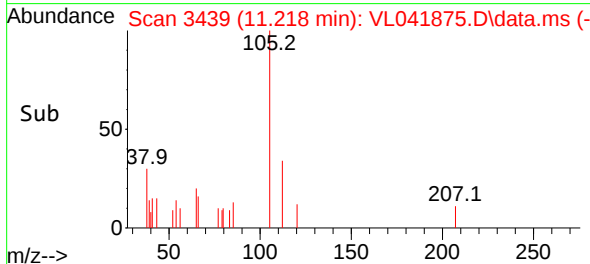
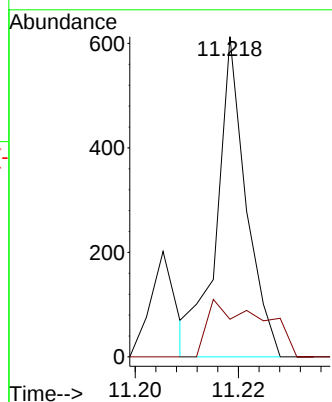
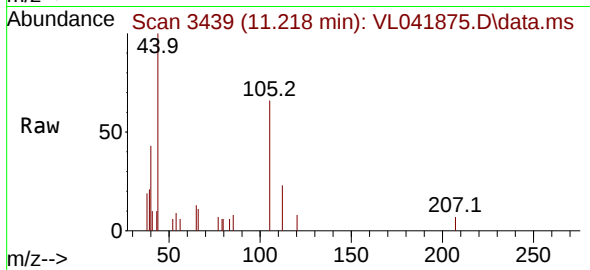
ClientSampleId :

Tgt Ion:105 Resp: 241

Ion Ratio Lower Upper

105 100

120 11.7 37.2 55.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.022 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. -0.007 min

Lab File: VL041875.D

Acq: 09 Jan 2025 20:16

Tgt Ion:105 Resp: 1285

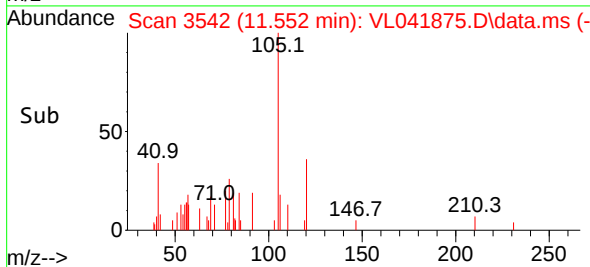
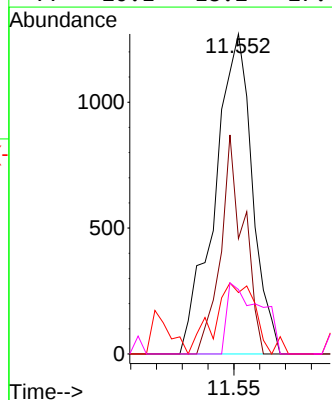
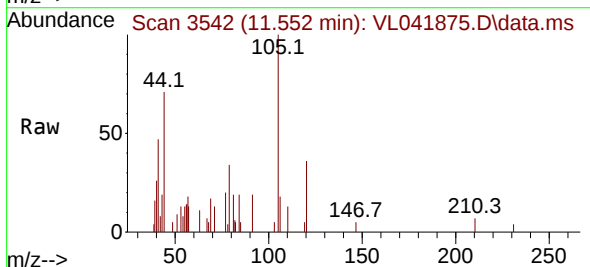
Ion Ratio Lower Upper

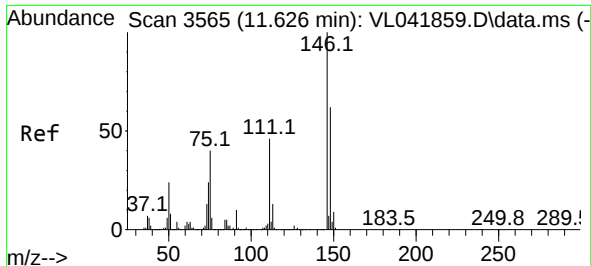
105 100

120 36.0 41.1 61.7#

91 13.8 50.0 75.0#

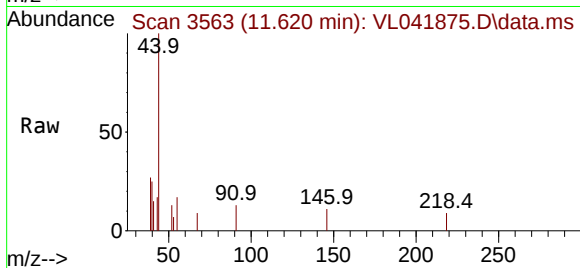
77 20.1 18.2 27.4



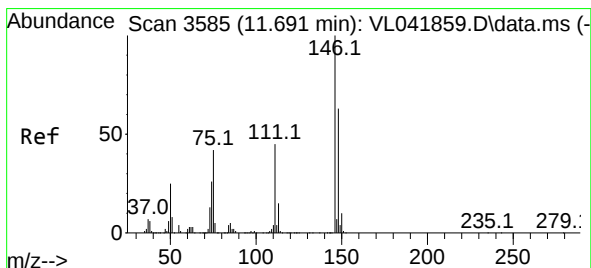
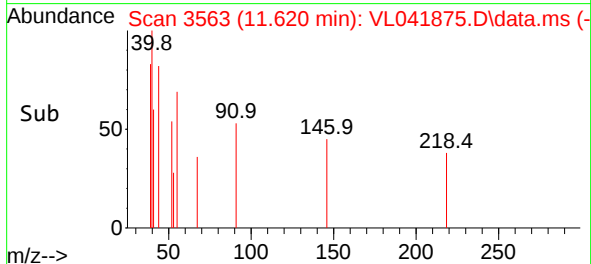
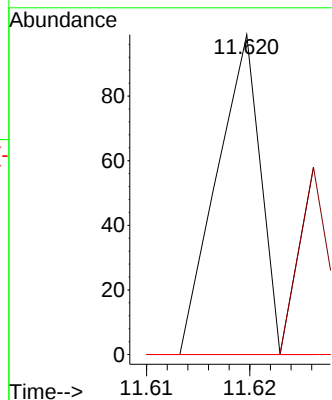


#75
1,3-Dichlorobenzene
Concen: 0.001 ppbv
RT: 11.620 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Instrument :
MSVOA_L
ClientSampleId :

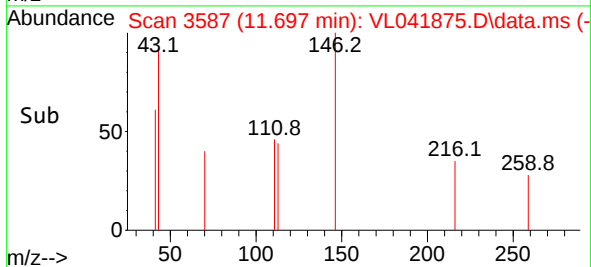
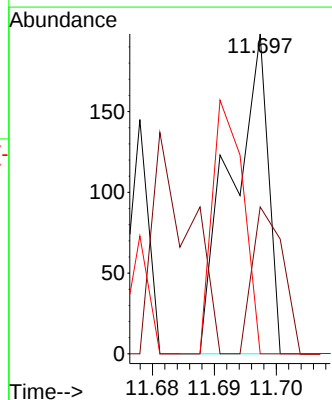
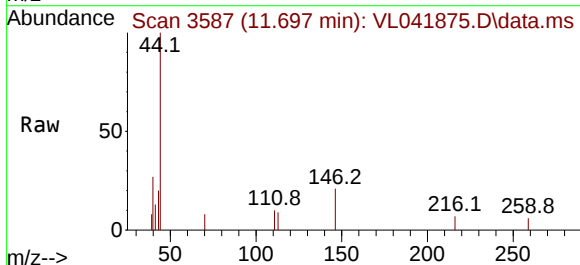


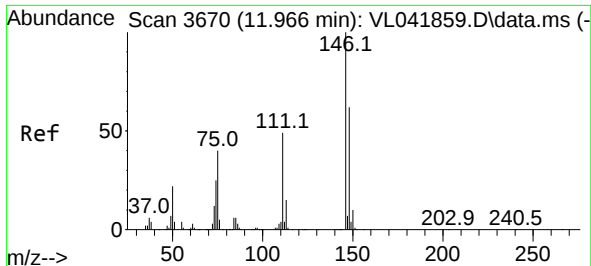
Tgt Ion:146 Resp: 29
Ion Ratio Lower Upper
146 100
111 0.0 23.2 69.5#
148 0.0 31.6 94.7#



#76
1,4-Dichlorobenzene
Concen: 0.002 ppbv
RT: 11.697 min Scan# 3587
Delta R.T. 0.006 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

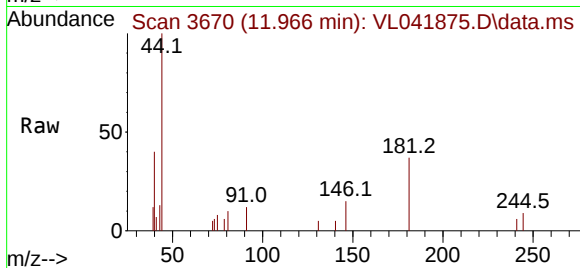
Tgt Ion:146 Resp: 81
Ion Ratio Lower Upper
146 100
111 109.9 22.1 66.1#
148 85.2 31.2 93.6



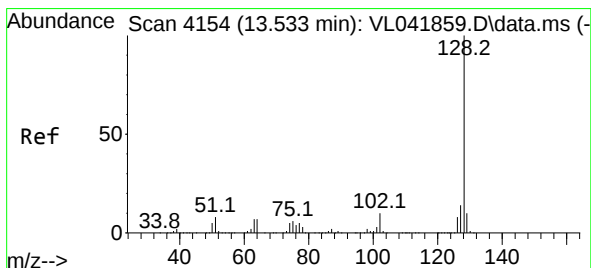
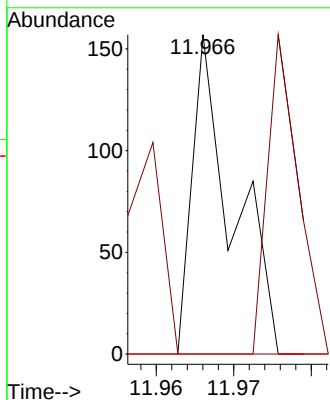
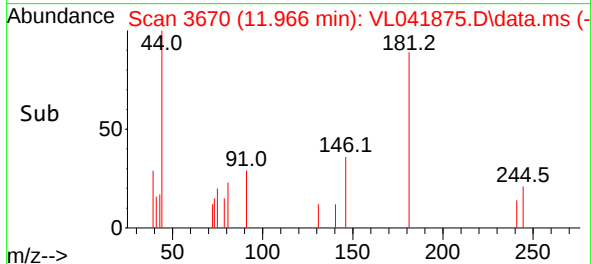


#77
1,2-Dichlorobenzene
Concen: 0.002 ppbv
RT: 11.966 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

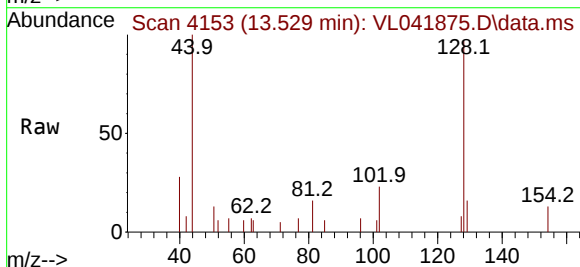
Instrument :
MSVOA_L
ClientSampleId :



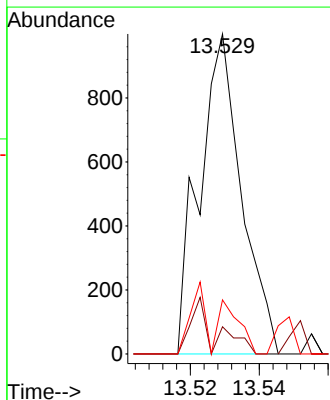
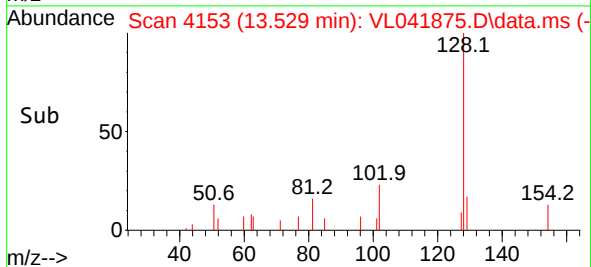
Tgt Ion:146 Resp: 57
Ion Ratio Lower Upper
146 100
111 135.1 24.1 72.3#
148 43.9 31.5 94.5

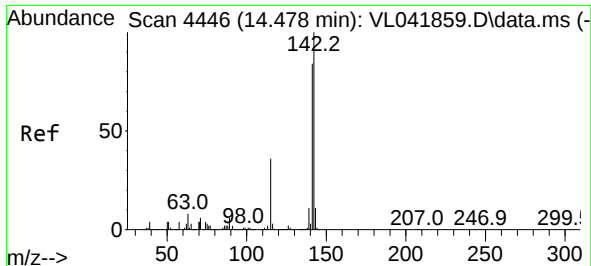


#79
Naphthalene
Concen: 0.014 ppbv
RT: 13.529 min Scan# 4153
Delta R.T. -0.003 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16



Tgt Ion:128 Resp: 850
Ion Ratio Lower Upper
128 100
127 8.5 10.8 16.2#
129 16.9 8.2 12.4#

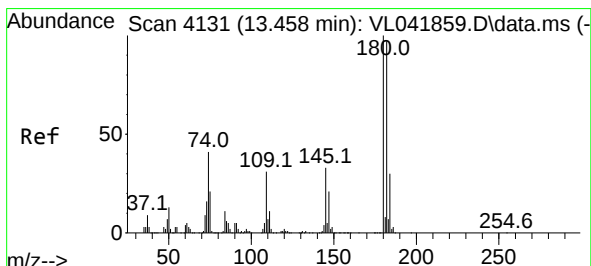
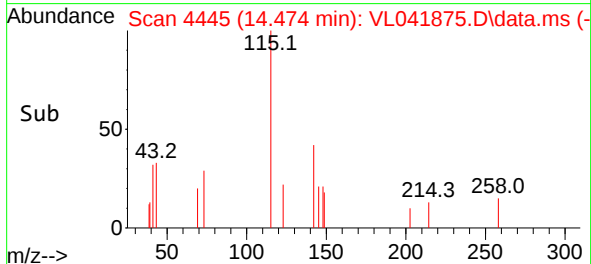
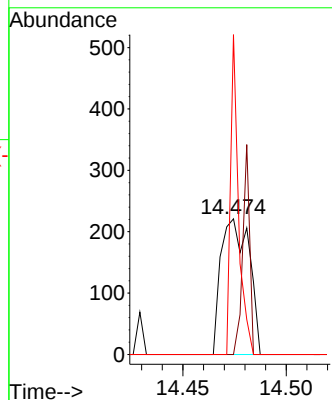
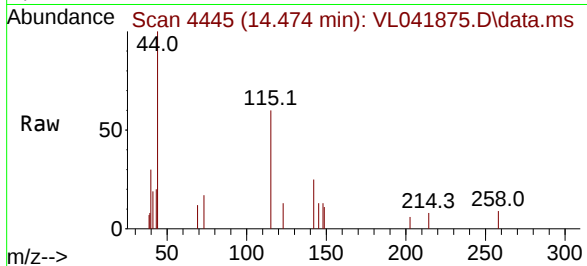




#80
Naphthalene, 2-methyl-
Concen: 0.006 ppbv
RT: 14.474 min Scan# 4446
Delta R.T. -0.003 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 209
Ion Ratio Lower Upper
142 100
141 37.8 68.2 102.4#
115 67.5 29.4 44.2#



#81
1,2,4-Trichlorobenzene
Concen: 0.009 ppbv
RT: 13.455 min Scan# 4130
Delta R.T. -0.003 min
Lab File: VL041875.D
Acq: 09 Jan 2025 20:16

Tgt Ion:180 Resp: 280
Ion Ratio Lower Upper
180 100
182 62.9 75.8 113.8#
184 0.0 24.1 36.1#

