

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041873.D
 Acq On : 09 Jan 2025 19:10
 Operator : SY/MD
 Sample : Q1037-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 10 01:45:45 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	117703	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	358809	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	322467	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.390	95	259255	10.027	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	8570	0.444	ppbv	89
3) Chlorodifluoromethane	1.479	51	11526	0.543	ppbv #	87
4) Chloromethane	1.538	50	3716	0.495	ppbv	97
5) Vinyl Chloride	1.502	62	11	0.001	ppbv #	45
6) Bromomethane	1.674	94	47	0.012	ppbv #	3
7) Chloroethane	1.716	64	72	0.023	ppbv #	46
8) Dichlorotetrafluoroethane	1.557	85	327	0.019	ppbv	89
9) Propene	1.564	41	206538	20.855	ppbv	100
10) Heptane	5.007	43	1343	0.051	ppbv #	46
11) Trichlorofluoromethane	1.884	101	5197	0.262	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.149	101	1068	0.066	ppbv	92
13) Ethanol	1.729	45	493455	784.479	ppbv	85
14) Bromoethene	1.722	108	110	0.019	ppbv #	1
15) Acetone	1.842	43	68601	3.456	ppbv	94
16) 1,3-Butadiene	1.628	39	5658	0.664	ppbv #	22
17) tert-Butyl alcohol	2.052	59	2600	0.115	ppbv #	42
18) 1,1-Dichloroethene	2.033	96	85	0.012	ppbv #	1
19) Isopropyl Alcohol	1.897	45	12736	1.221	ppbv #	1
20) Methylene Chloride	2.072	84	3372	0.498	ppbv #	92
21) Allyl Chloride	2.088	41	628	0.049	ppbv #	1
22) trans-1,2-Dichloroethene	2.347	96	40	0.005	ppbv #	56
23) Vinyl Acetate	2.486	43	7682	0.764	ppbv #	34
24) 1,1-Dichloroethane	2.408	63	53	0.003	ppbv #	17
25) Ethyl Acetate	2.849	43	1676	0.034	ppbv #	54
26) Hexane	2.842	57	6813	0.336	ppbv #	49
27) Carbon Disulfide	2.166	76	108	0.006	ppbv #	1
28) Methyl tert-Butyl Ether	2.457	73	148	0.010	ppbv #	1
29) Chloroform	2.861	83	854	0.030	ppbv #	65
30) Cyclohexane	3.881	84	1406	0.081	ppbv #	1
31) cis-1,2-Dichloroethene	2.784	61	39	0.002	ppbv #	24
32) 1,1,1-Trichloroethane	3.389	97	37	0.001	ppbv #	1
34) 2-Butanone	2.577	43	5540	0.186	ppbv	91
35) Carbon Tetrachloride	3.781	117	1559	0.056	ppbv #	53
36) Benzene	3.677	78	5396	0.130	ppbv #	88
37) 1,2-Dichloroethane	3.230	62	442	0.020	ppbv #	80
38) Trichloroethene	4.305	130	36	0.002	ppbv #	3
39) 1,2-Dichloropropane	3.975	63	89907	6.072	ppbv #	24
40) 1,4-Dioxane	4.431	88	31	0.004	ppbv #	17
41) Tetrahydrofuran	3.065	42	70	0.004	ppbv #	37
42) Bromodichloromethane	4.512	83	74	0.002	ppbv #	26
43) Methyl Methacrylate	4.904	69	53	0.003	ppbv #	1
44) 2,2,4-Trimethylpentane	4.668	57	1969	0.028	ppbv #	43
45) t-1,3-Dichloropropene	6.189	75	46	0.003	ppbv #	45

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041873.D
 Acq On : 09 Jan 2025 19:10
 Operator : SY/MD
 Sample : Q1037-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

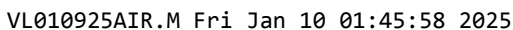
Instrument :
 MSVOA_L
 ClientSampleId :

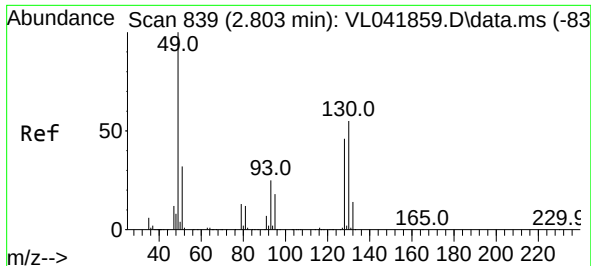
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.554	75	29	0.001	ppbv #	27
47) 1,1,2-Trichloroethane	6.483	97	25	0.002	ppbv #	15
48) Dibromochloromethane	7.373	129	26	0.001	ppbv #	1
49) Bromoform	9.493	173	37	0.002	ppbv #	28
50) 4-Methyl-2-Pentanone	5.791	43	55	0.001	ppbv #	38
51) 2-Hexanone	7.461	43	164	0.005	ppbv #	28
52) Tetrachloroethene	8.238	164	57	0.004	ppbv #	12
53) Toluene	6.959	91	13871	0.280	ppbv	96
54) 1,2-Dibromoethane	7.606	107	23	0.001	ppbv #	3
56) 1,1,1,2-Tetrachloroethane	9.179	131	60	0.003	ppbv #	8
57) Chlorobenzene	8.937	112	78	0.002	ppbv #	22
58) Ethyl Benzene	9.548	91	9007	0.136	ppbv	97
59) m/p-Xylene	9.548	91	9007	0.172	ppbv #	100
60) o-Xylene	9.979	91	4146	0.079	ppbv	98
61) Styrene	9.885	104	479	0.018	ppbv #	27
62) Isopropylbenzene	10.552	105	699	0.009	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	9.976	83	41	0.001	ppbv #	25
64) n-propylbenzene	11.005	120	157	0.008	ppbv #	1
65) tert-Butylbenzene	11.898	119	565	0.008	ppbv	93
66) Benzyl Chloride	11.639	91	25	0.003	ppbv #	66
67) sec-Butylbenzene	11.778	105	441	0.004	ppbv #	57
69) p-Isopropyltoluene	11.937	119	1295	0.015	ppbv #	86
70) n-Butylbenzene	12.293	91	1120	0.013	ppbv #	73
71) 2-Chlorotoluene	11.144	91	115	0.002	ppbv	70
72) 4-Ethyltoluene	11.138	105	1929	0.030	ppbv #	60
73) 1,3,5-Trimethylbenzene	11.219	105	1863	0.034	ppbv #	63
74) 1,2,4-Trimethylbenzene	11.549	105	6458	0.109	ppbv #	53
75) 1,3-Dichlorobenzene	11.630	146	39	0.001	ppbv #	1
76) 1,4-Dichlorobenzene	11.685	146	96	0.003	ppbv #	24
77) 1,2-Dichlorobenzene	11.966	146	60	0.002	ppbv #	1
79) Naphthalene	13.526	128	4760	0.075	ppbv #	84
80) Naphthalene,2-methyl-	14.471	142	2898	0.084	ppbv #	58
81) 1,2,4-Trichlorobenzene	13.449	180	231	0.008	ppbv #	23

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

Quant Time: Jan 10 01:45:45 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

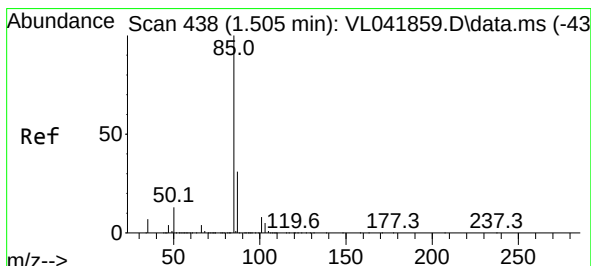
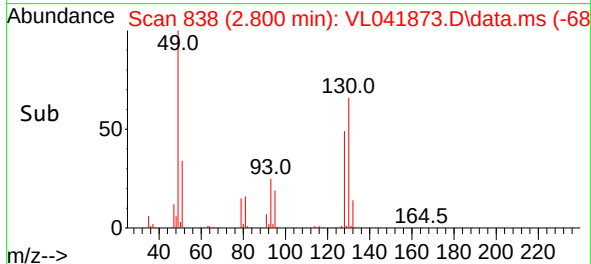
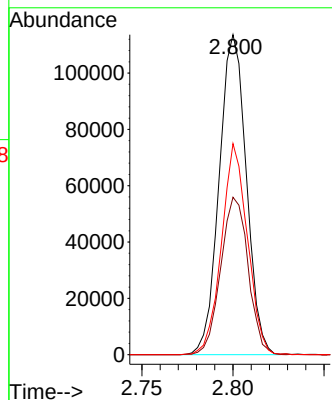
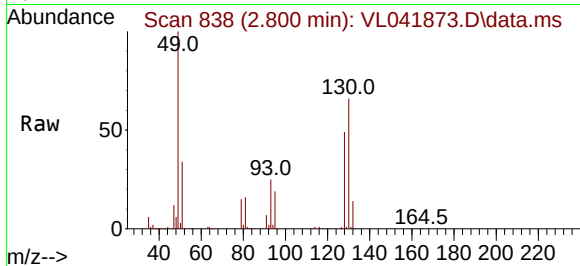




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.800 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL041873.D
 Acq: 09 Jan 2025 19:10

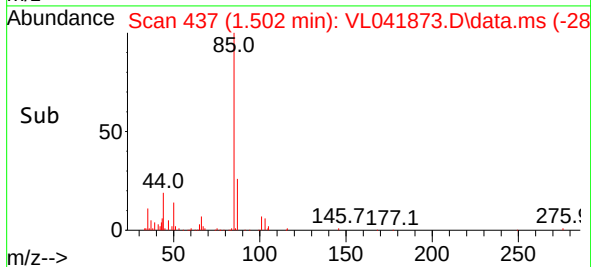
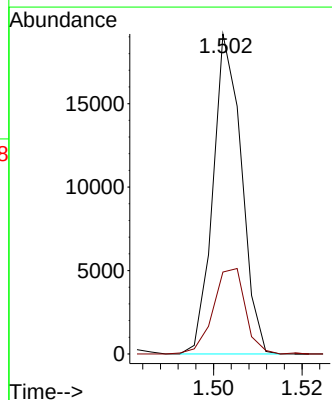
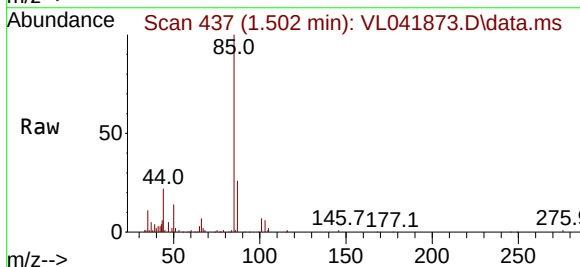
Instrument :
 MSVOA_L
 ClientSampleId :

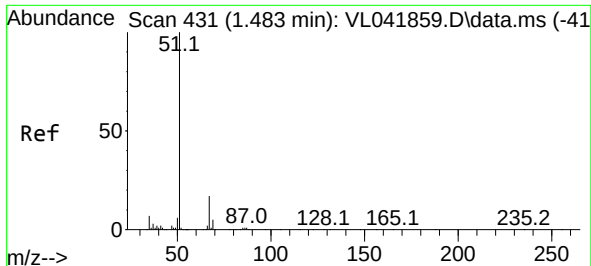
Tgt Ion: 49 Resp: 117703
 Ion Ratio Lower Upper
 49 100
 128 49.7 23.2 69.5
 130 62.9 29.9 89.8



#2
 Dichlorodifluoromethane
 Concen: 0.444 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. -0.003 min
 Lab File: VL041873.D
 Acq: 09 Jan 2025 19:10

Tgt Ion: 85 Resp: 8570
 Ion Ratio Lower Upper
 85 100
 87 25.6 25.2 37.8

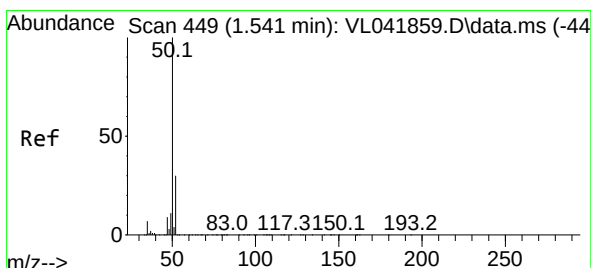
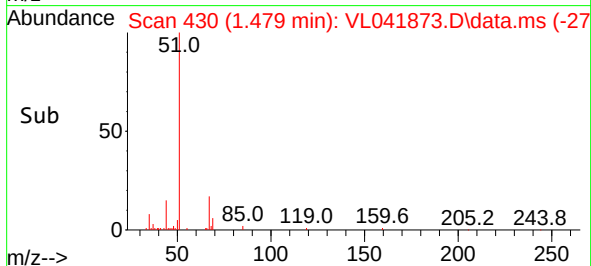
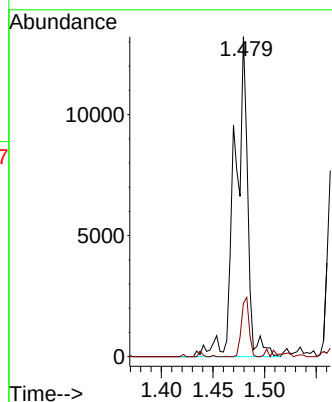
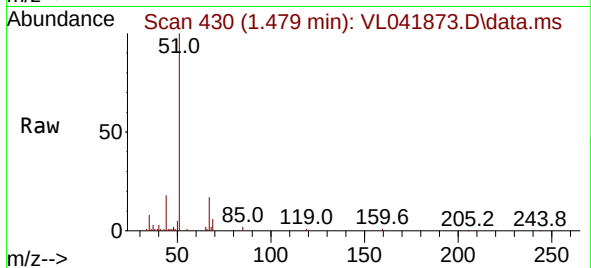




#3
Chlorodifluoromethane
Concen: 0.543 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

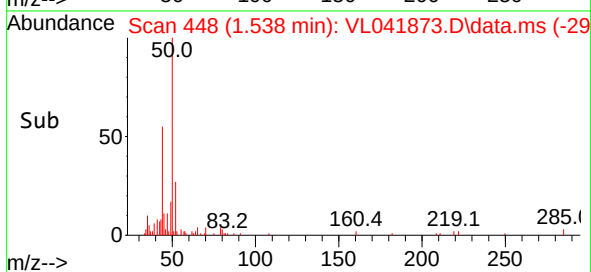
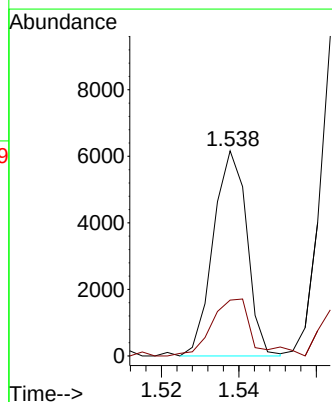
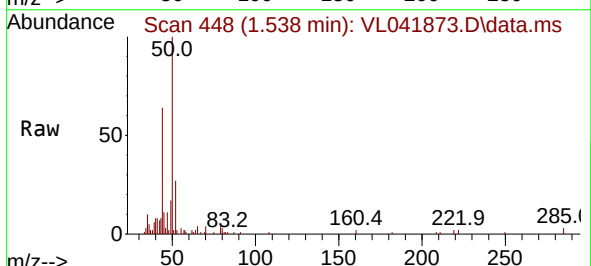
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MSVOA_L
ClientSampleId :

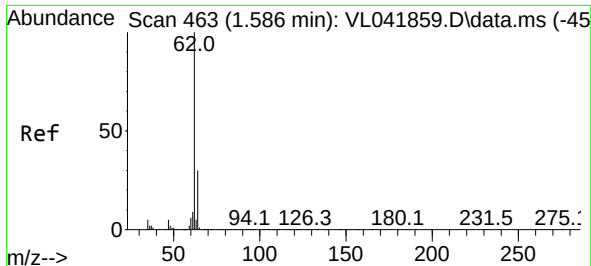
Tgt Ion: 51 Resp: 11526
Ion Ratio Lower Upper
51 100
67 11.4 13.8 20.8#



#4
Chloromethane
Concen: 0.495 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

Tgt Ion: 50 Resp: 3716
Ion Ratio Lower Upper
50 100
52 28.2 23.9 35.9

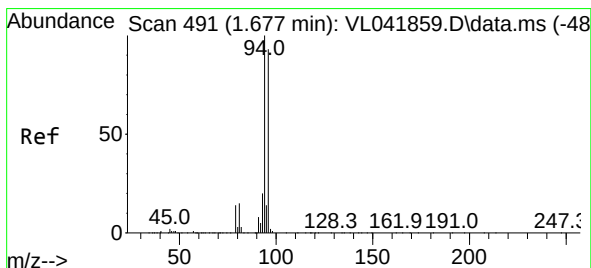
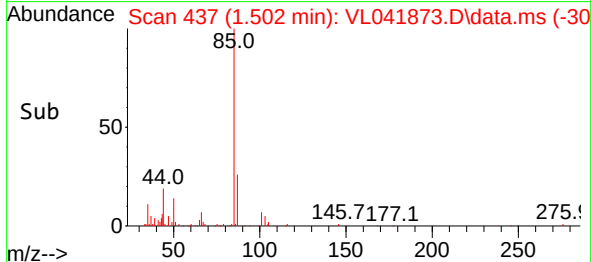
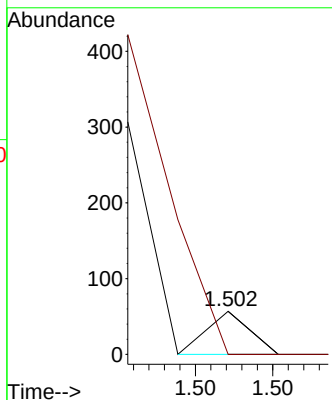
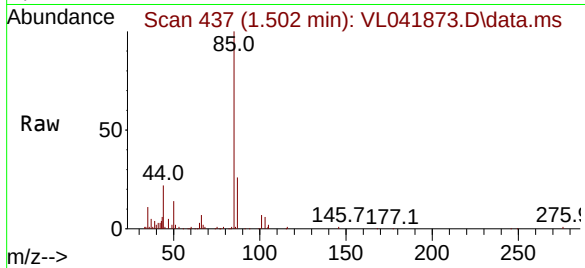




#5
 Vinyl Chloride
 Concen: 0.001 ppbv
 RT: 1.502 min Scan# 41
 Delta R.T. -0.084 min
 Lab File: VL041873.D
 Acq: 09 Jan 2025 19:10

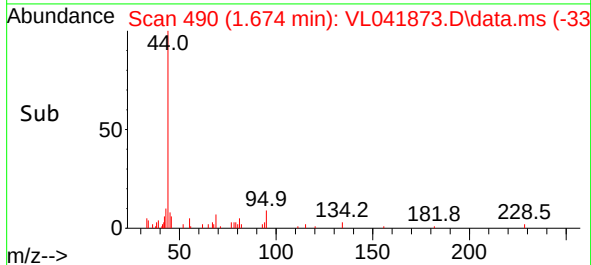
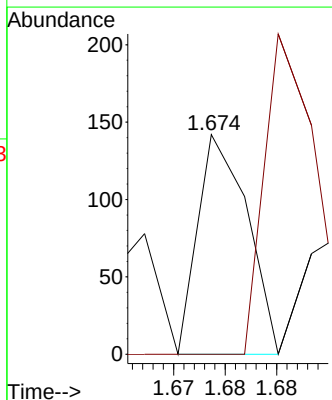
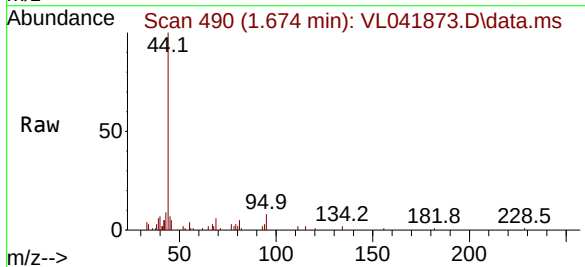
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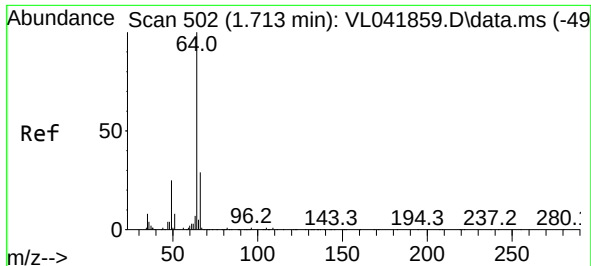
Tgt Ion: 62 Resp: 11
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.1 36.1#



#6
 Bromomethane
 Concen: 0.012 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041873.D
 Acq: 09 Jan 2025 19:10

Tgt Ion: 94 Resp: 47
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.8 112.2#

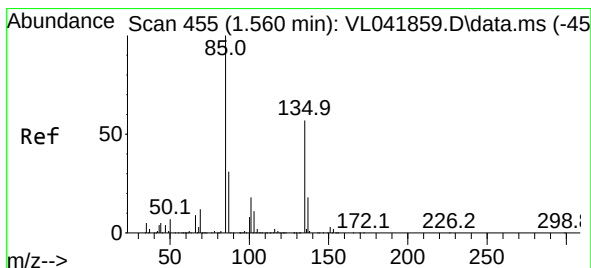
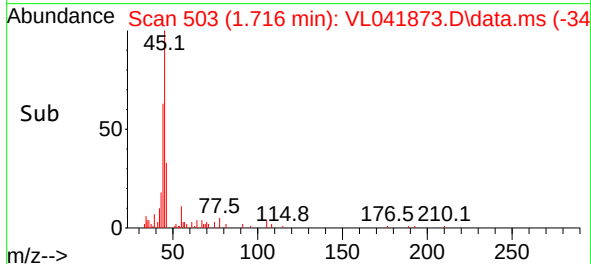
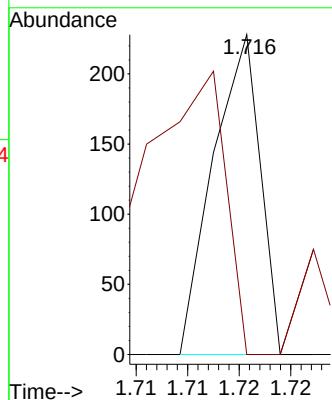
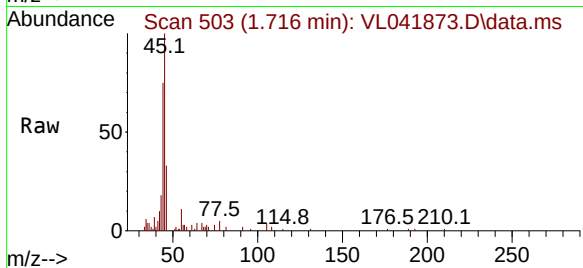




#7
Chloroethane
Concen: 0.023 ppbv
RT: 1.716 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

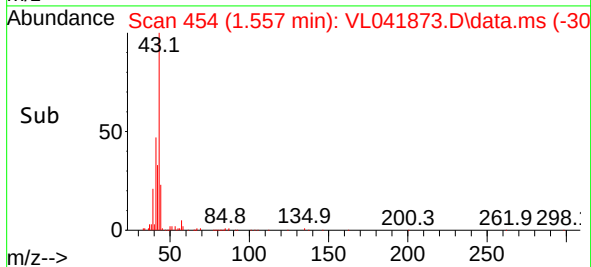
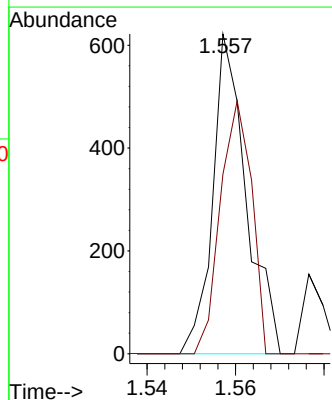
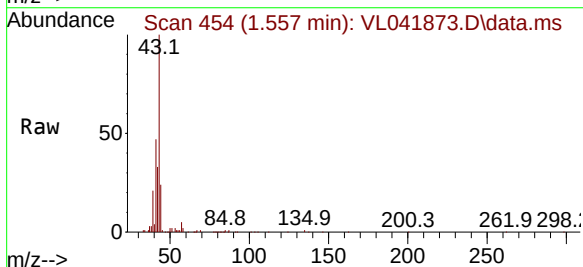
Instrument :
MSVOA_L
ClientSampleId :

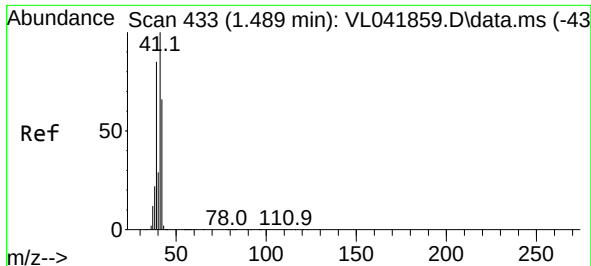
Tgt Ion: 64 Resp: 72
Ion Ratio Lower Upper
64 100
66 0.0 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.019 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

Tgt Ion: 85 Resp: 327
Ion Ratio Lower Upper
85 100
135 74.0 52.2 78.4





#9

Propene

Concen: 20.855 ppbv

RT: 1.564 min Scan# 41

Delta R.T. 0.074 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

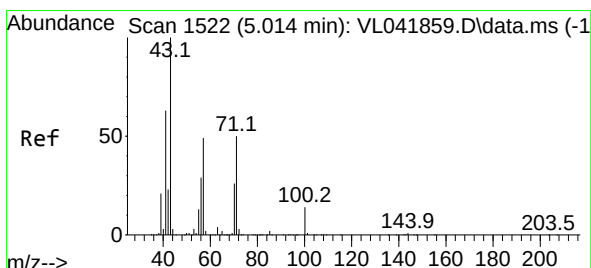
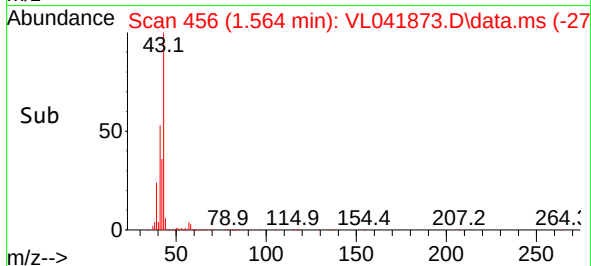
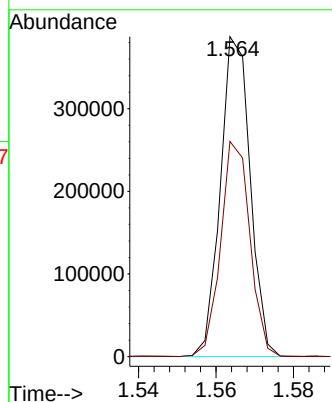
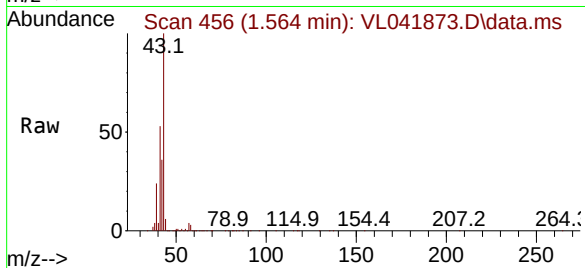
ClientSampleId :

Tgt Ion: 41 Resp: 206538

Ion Ratio Lower Upper

41 100

42 66.5 53.0 79.6



#10

Heptane

Concen: 0.051 ppbv

RT: 5.007 min Scan# 1520

Delta R.T. -0.006 min

Lab File: VL041873.D

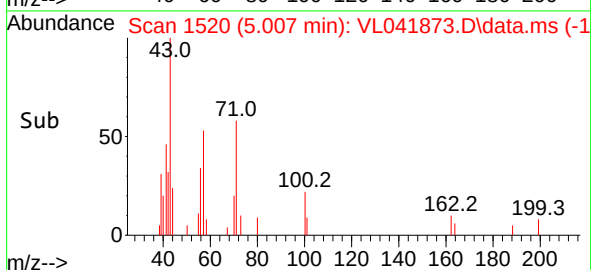
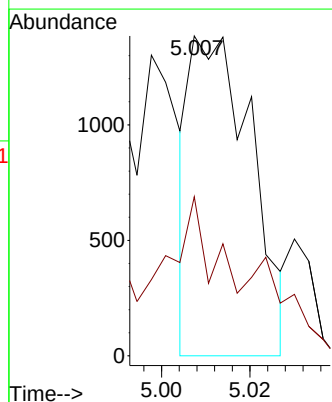
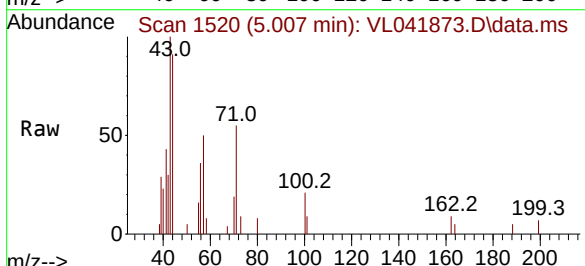
Acq: 09 Jan 2025 19:10

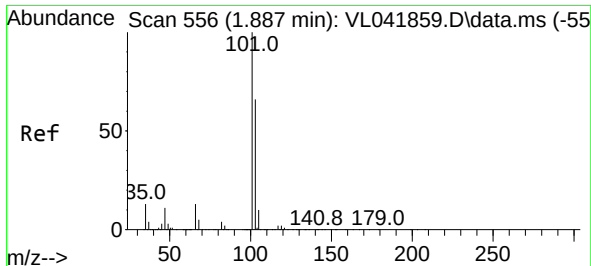
Tgt Ion: 43 Resp: 1343

Ion Ratio Lower Upper

43 100

57 87.5 40.2 60.2#

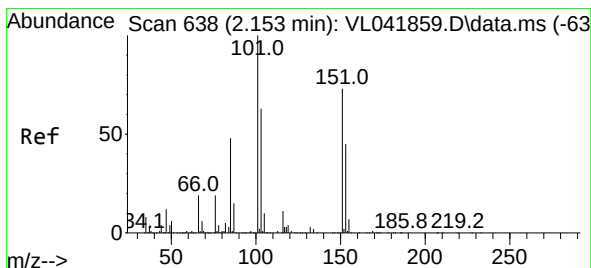
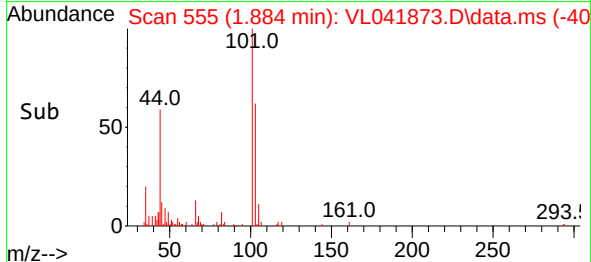
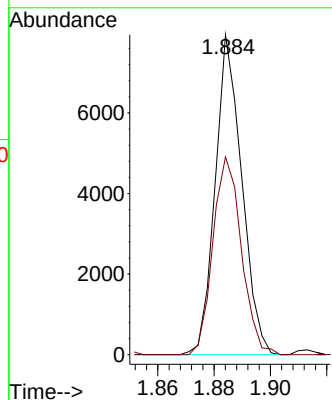
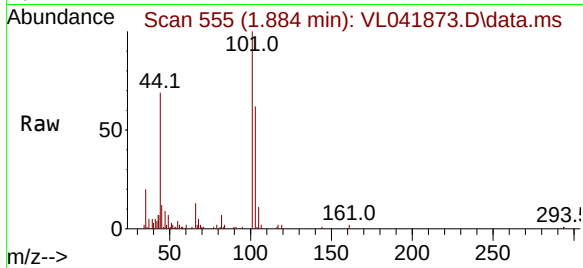




#11
 Trichlorofluoromethane
 Concen: 0.262 ppbv
 RT: 1.884 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041873.D
 Acq: 09 Jan 2025 19:10

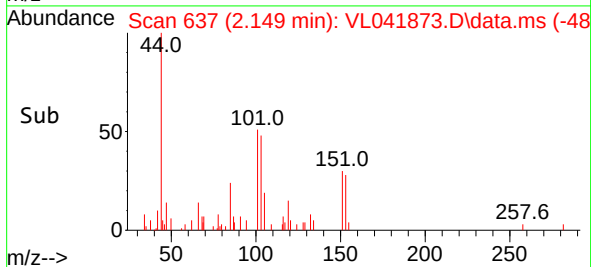
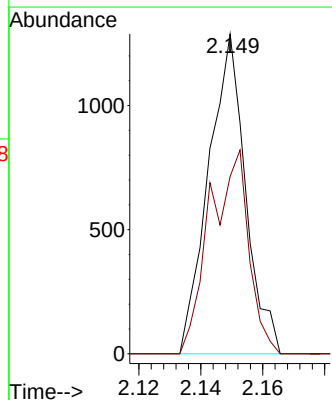
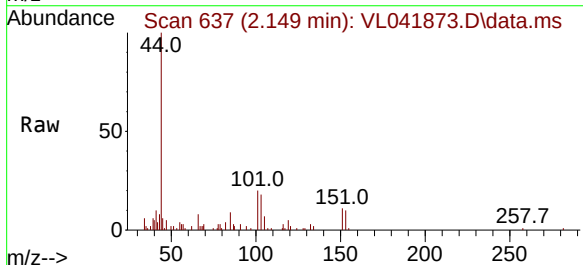
Instrument :
 MSVOA_L
 ClientSampleId :

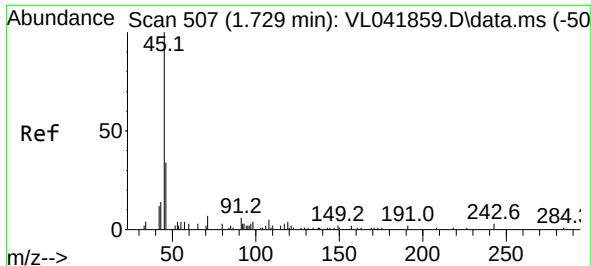
Tgt Ion:101 Resp: 5197
 Ion Ratio Lower Upper
 101 100
 103 61.8 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.066 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. -0.003 min
 Lab File: VL041873.D
 Acq: 09 Jan 2025 19:10

Tgt Ion:101 Resp: 1068
 Ion Ratio Lower Upper
 101 100
 151 67.1 59.4 89.0





#13

Ethanol

Concen: 784.479 ppbv

RT: 1.729 min Scan# 50

Delta R.T. -0.000 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

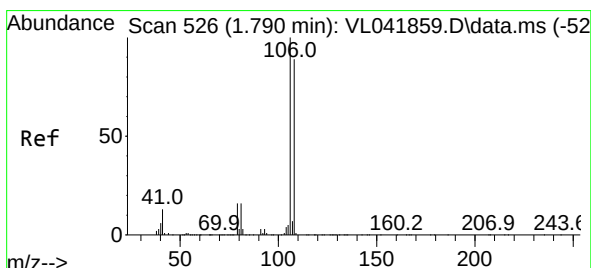
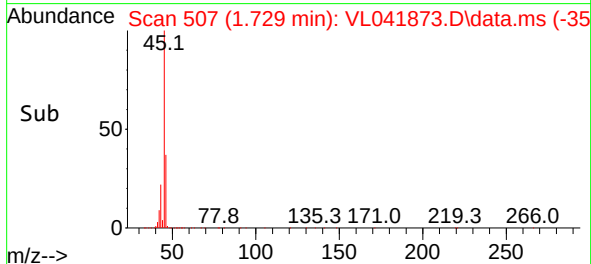
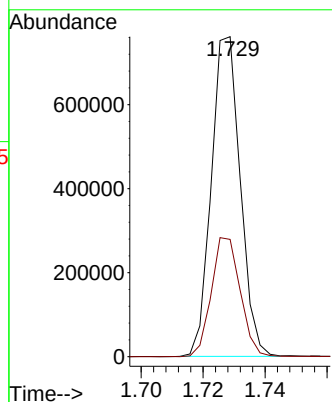
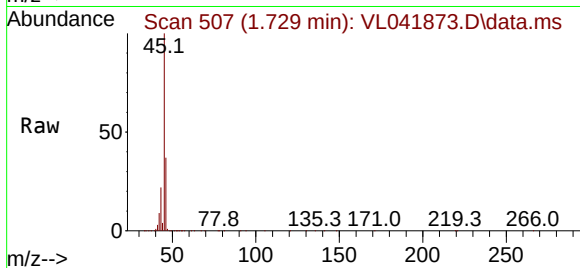
ClientSampleId :

Tgt Ion: 45 Resp: 493455

Ion Ratio Lower Upper

45 100

46 37.4 19.0 76.0



#14

Bromoethene

Concen: 0.019 ppbv

RT: 1.722 min Scan# 505

Delta R.T. -0.068 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

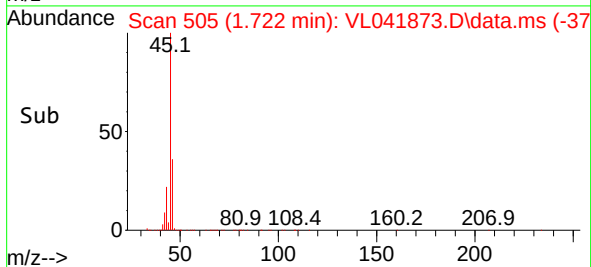
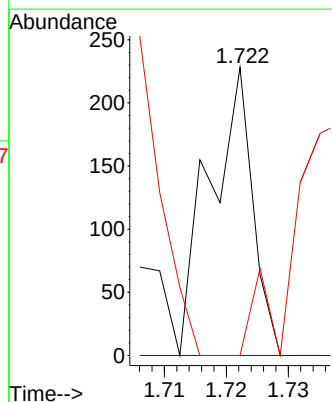
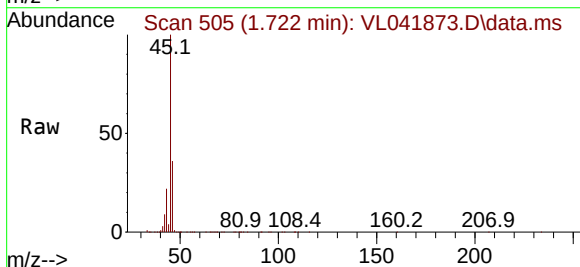
Tgt Ion: 108 Resp: 110

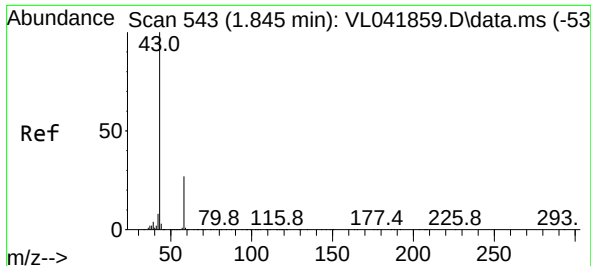
Ion Ratio Lower Upper

108 100

106 51.8 86.9 130.3#

79 394.5 15.6 23.4#

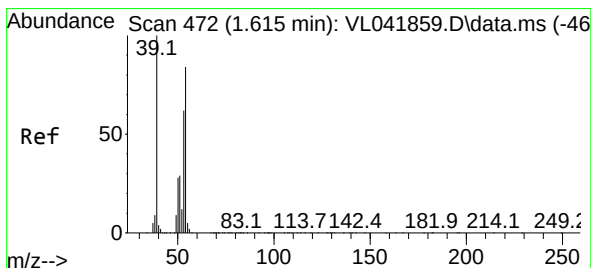
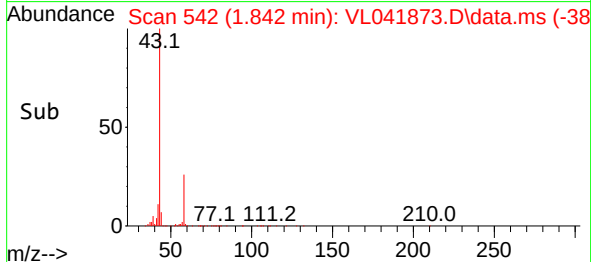
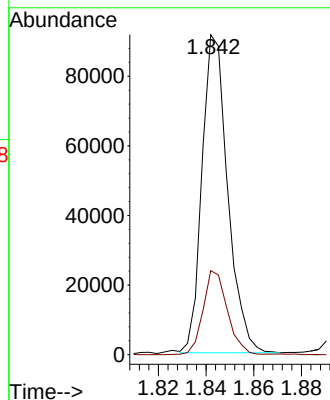
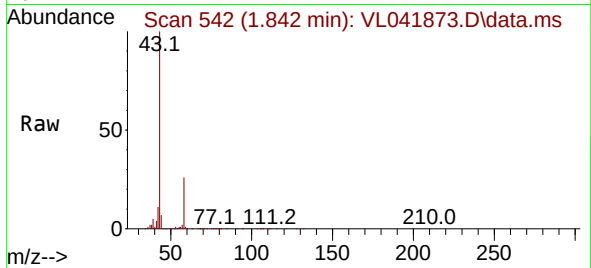




#15
Acetone
Concen: 3.456 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.003 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

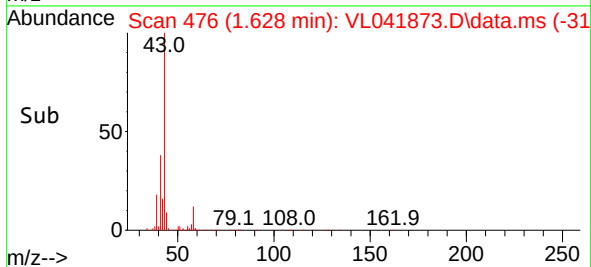
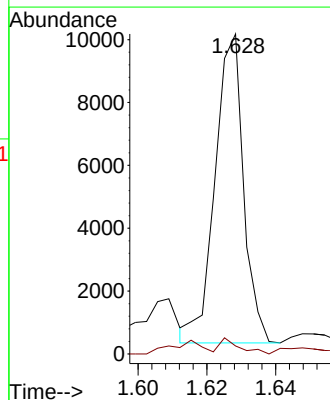
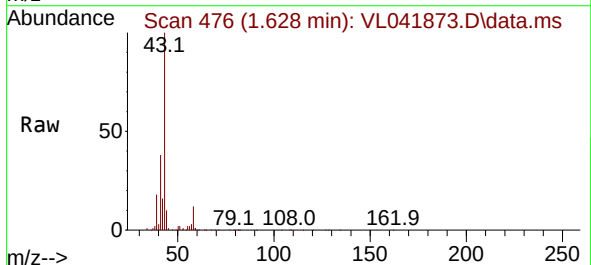
Instrument :
MSVOA_L
ClientSampleId :

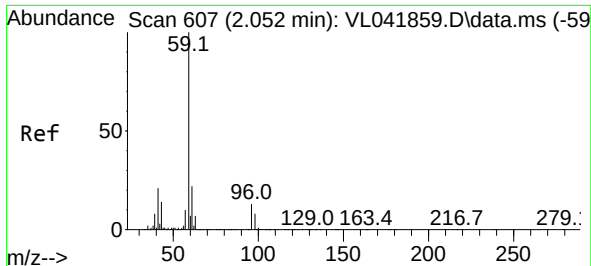
Tgt Ion: 43 Resp: 68601
Ion Ratio Lower Upper
43 100
58 25.2 22.7 34.1



#16
1,3-Butadiene
Concen: 0.664 ppbv
RT: 1.628 min Scan# 476
Delta R.T. 0.013 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

Tgt Ion: 39 Resp: 5658
Ion Ratio Lower Upper
39 100
54 8.2 60.1 90.1#





#17

tert-Butyl alcohol

Concen: 0.115 ppbv

RT: 2.052 min Scan# 607

Delta R.T. -0.000 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

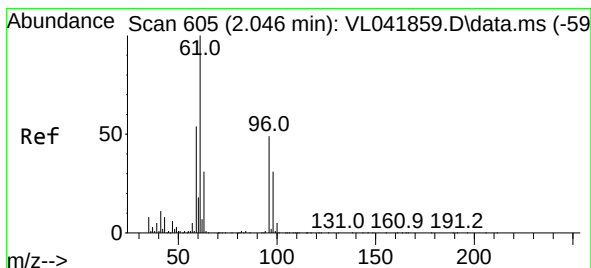
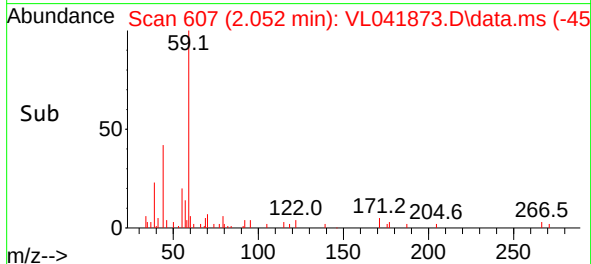
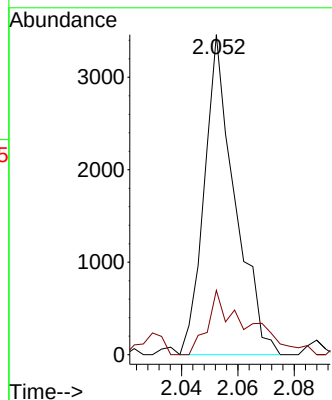
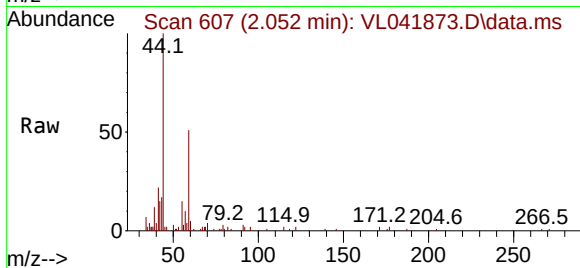
ClientSampleId :

Tgt Ion: 59 Resp: 2600

Ion Ratio Lower Upper

59 100

57 32.0 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.012 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.013 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

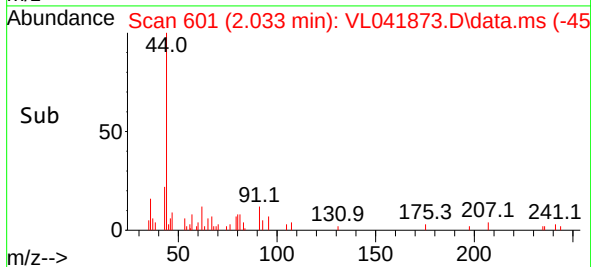
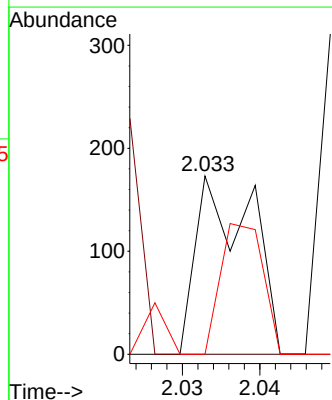
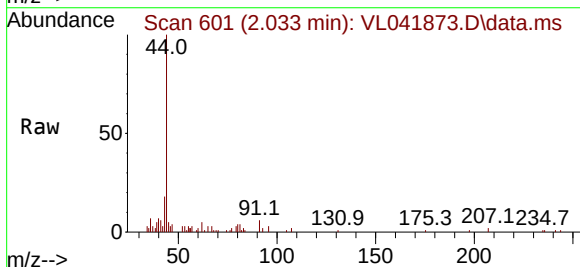
Tgt Ion: 96 Resp: 85

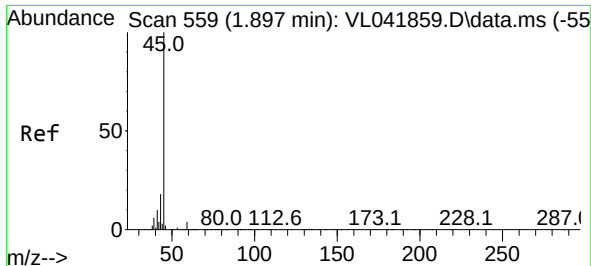
Ion Ratio Lower Upper

96 100

61 0.0 161.7 242.5#

98 0.0 51.0 76.4#

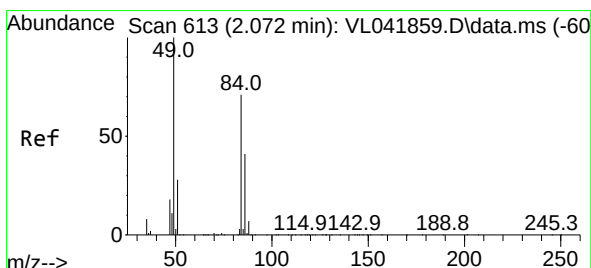
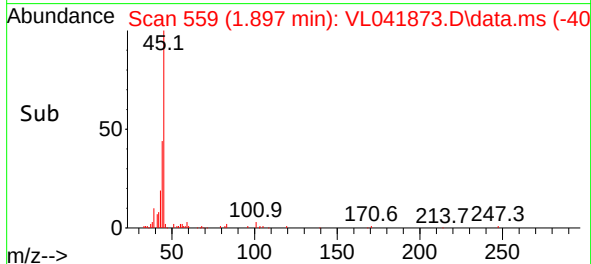
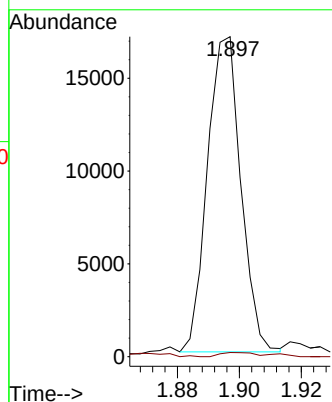
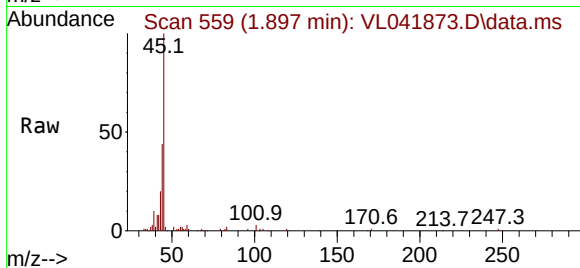




#19
Isopropyl Alcohol
Concen: 1.221 ppbv
RT: 1.897 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

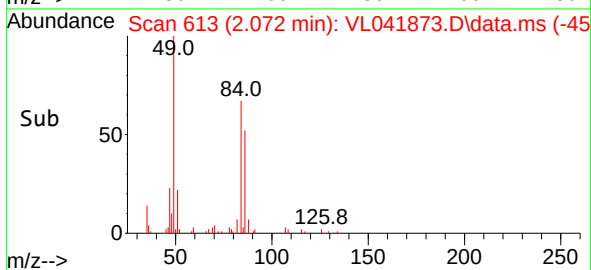
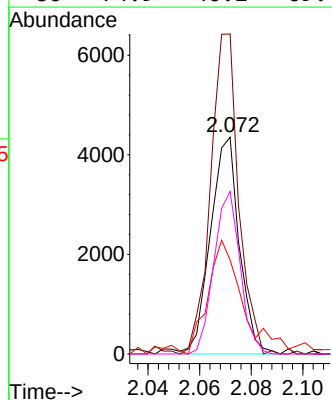
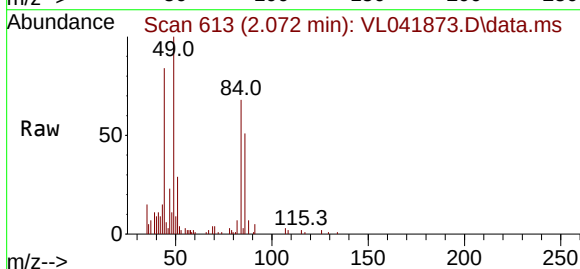
Instrument :
MSVOA_L
ClientSampleId :

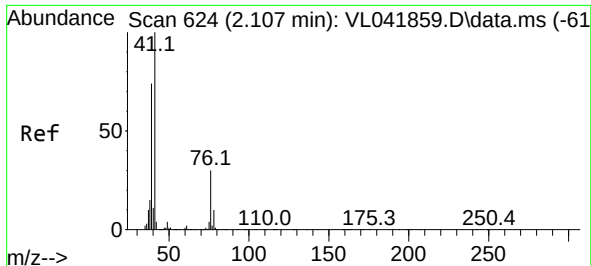
Tgt Ion: 45 Resp: 12736
Ion Ratio Lower Upper
45 100
58 135.7 37.0 55.6#



#20
Methylene Chloride
Concen: 0.498 ppbv
RT: 2.072 min Scan# 613
Delta R.T. -0.000 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

Tgt Ion: 84 Resp: 3372
Ion Ratio Lower Upper
84 100
49 147.6 113.8 170.8
51 41.9 33.5 50.3
86 74.9 46.2 69.4#

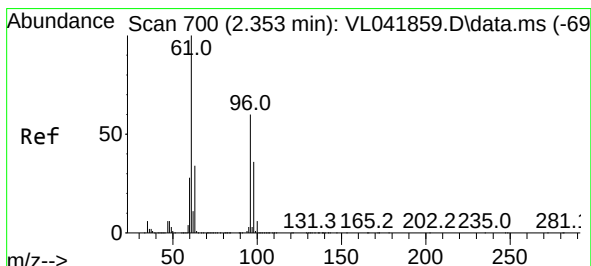
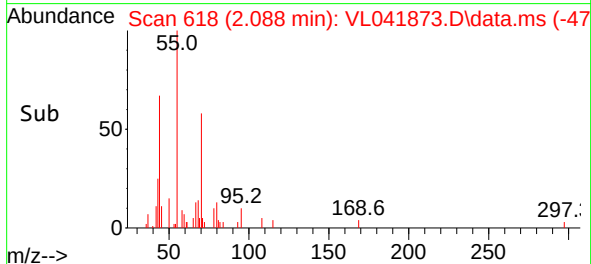
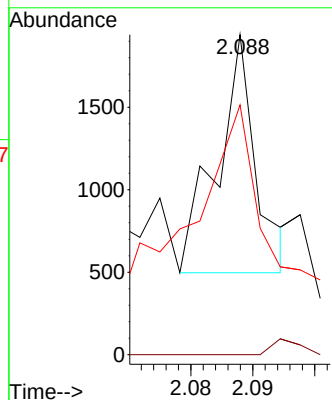
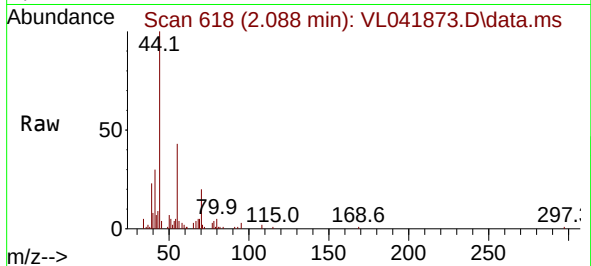




#21
 Allyl Chloride
 Concen: 0.049 ppbv
 RT: 2.088 min Scan# 618
 Delta R.T. -0.019 min
 Lab File: VL041873.D
 Acq: 09 Jan 2025 19:10

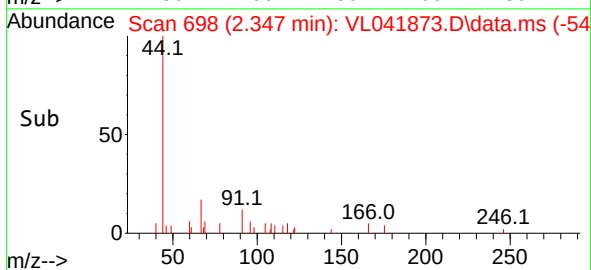
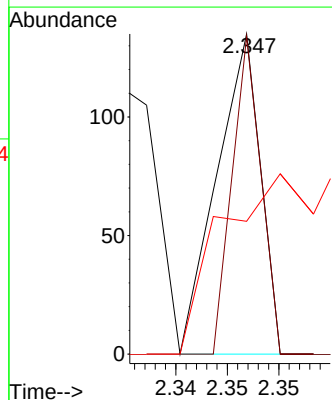
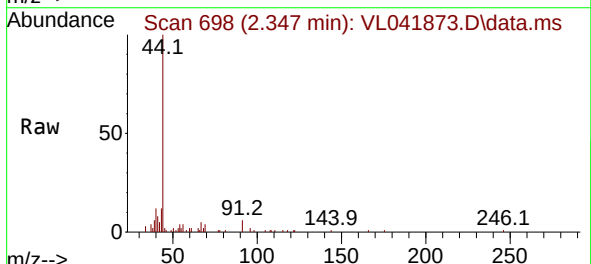
Instrument :
 MSVOA_L
 ClientSampleId :

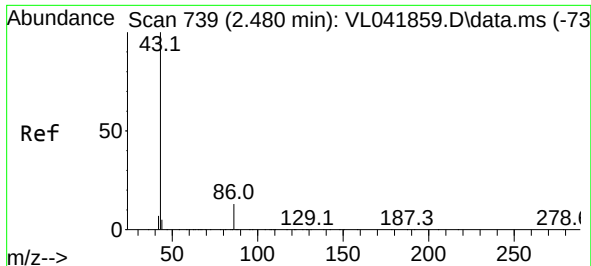
Tgt Ion: 41 Resp: 628
 Ion Ratio Lower Upper
 41 100
 76 0.0 24.6 36.8#
 39 350.0 60.1 90.1#



#22
 trans-1,2-Dichloroethene
 Concen: 0.005 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VL041873.D
 Acq: 09 Jan 2025 19:10

Tgt Ion: 96 Resp: 40
 Ion Ratio Lower Upper
 96 100
 61 99.3 134.2 201.4#
 98 41.5 49.0 73.4#





#23

Vinyl Acetate

Concen: 0.764 ppbv

RT: 2.486 min Scan# 741

Delta R.T. 0.006 min

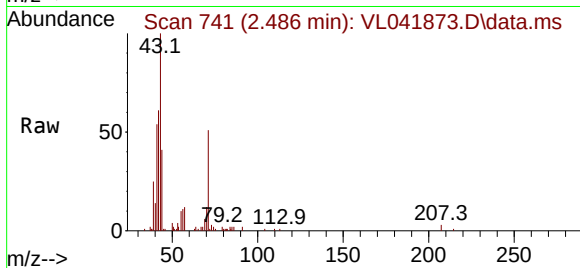
Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 7682

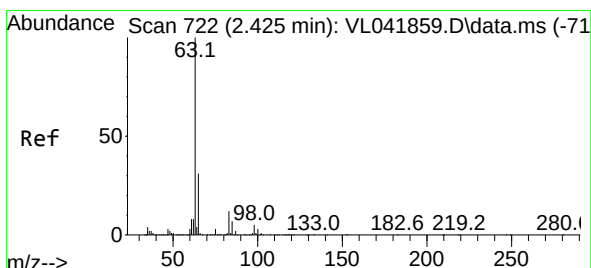
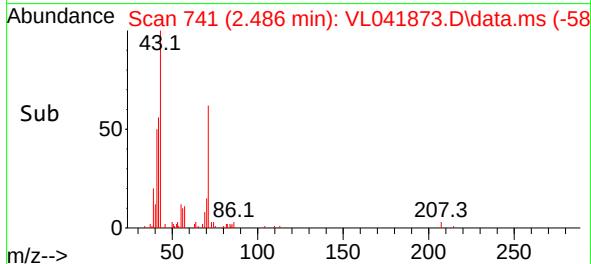
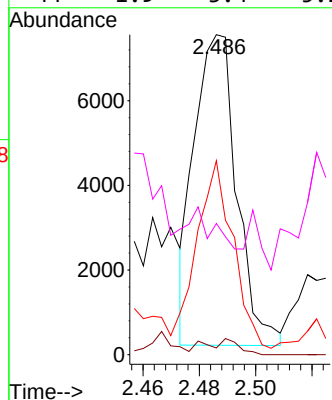
Ion Ratio Lower Upper

43 100

86 2.2 7.8 11.6#

42 61.0 7.0 10.4#

44 1.9 3.4 5.2#



#24

1,1-Dichloroethane

Concen: 0.003 ppbv

RT: 2.408 min Scan# 717

Delta R.T. -0.016 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

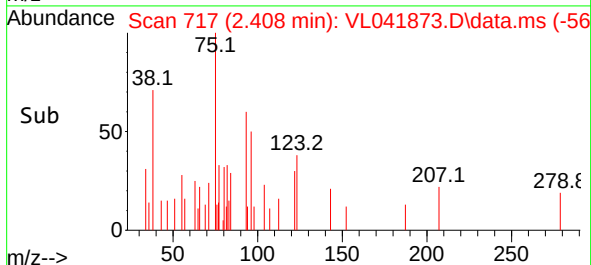
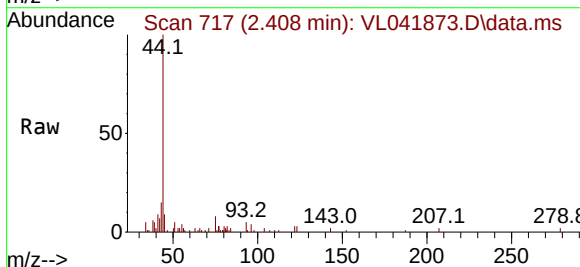
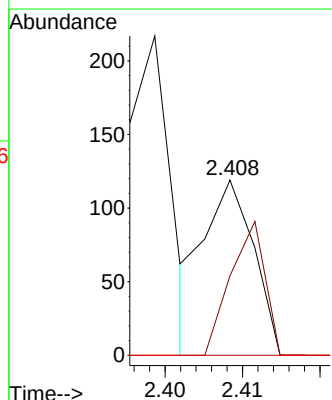
Tgt Ion: 63 Resp: 53

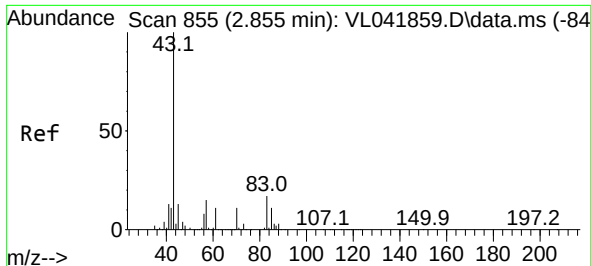
Ion Ratio Lower Upper

63 100

98 45.4 2.3 6.9#

100 0.0 1.3 3.8#

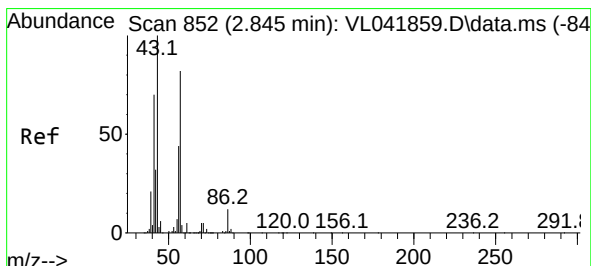
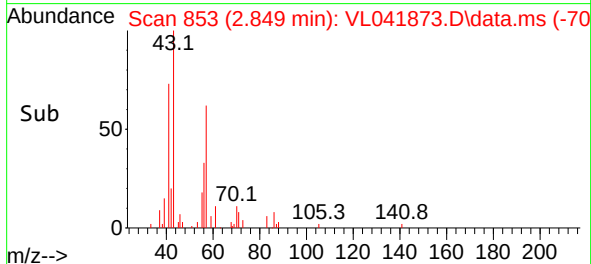
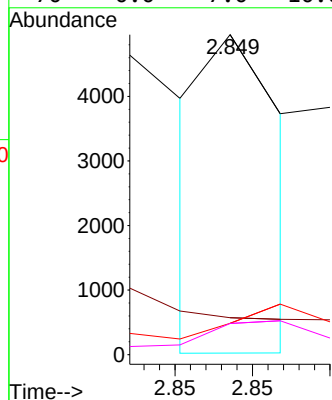
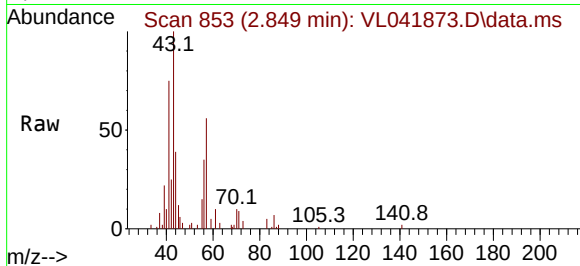




#25
Ethyl Acetate
Concen: 0.034 ppbv
RT: 2.849 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

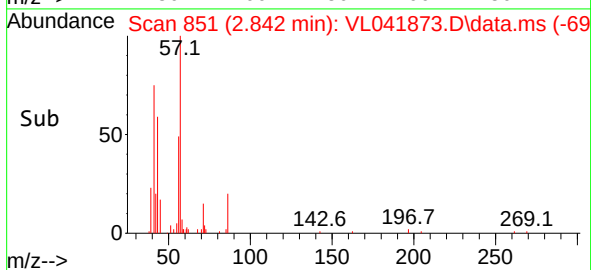
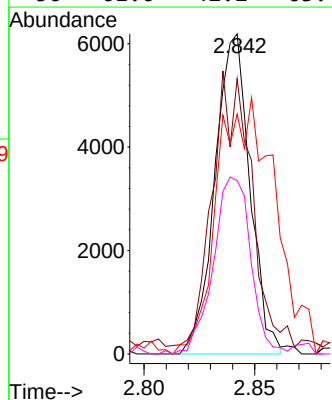
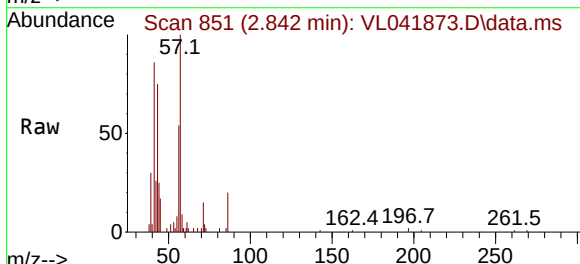
Instrument :
MSVOA_L
ClientSampleId :

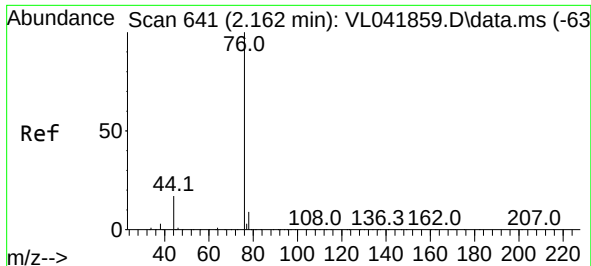
Tgt Ion: 43	Resp: 1676
Ion Ratio	Lower Upper
43 100	
45 0.0	8.4 12.6#
61 41.4	7.3 10.9#
70 0.0	7.0 10.6#



#26
Hexane
Concen: 0.336 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

Tgt	Ion: 57	Resp:	6813
Ion	Ratio	Lower	Upper
57	100		
41	109.7	71.5	107.3#
43	127.7	200.2	300.4#
56	61.6	42.2	63.4





#27

Carbon Disulfide

Concen: 0.006 ppbv

RT: 2.166 min Scan# 641

Delta R.T. 0.003 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

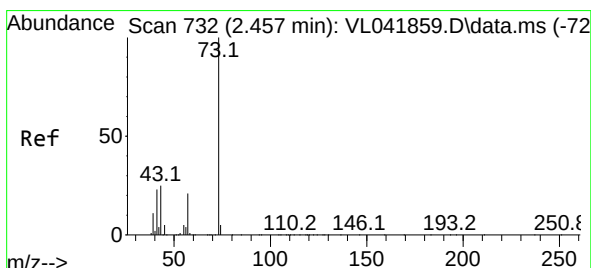
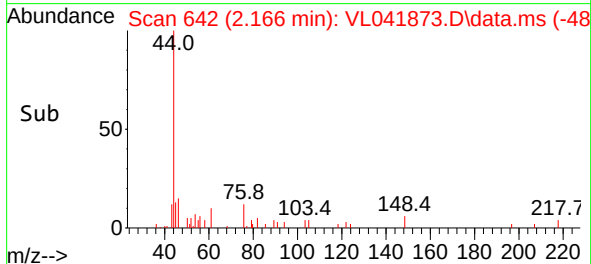
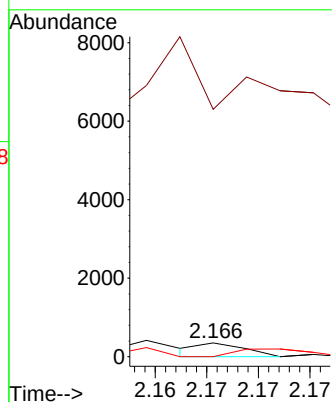
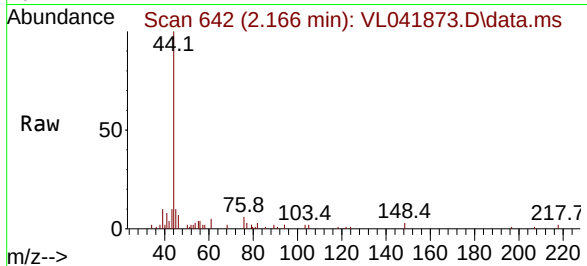
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76 Resp: 108

Ion	Ratio	Lower	Upper
76	100		
44	2130.6	13.1	19.7#
78	0.0	9.5	14.3#



#28

Methyl tert-Butyl Ether

Concen: 0.010 ppbv

RT: 2.457 min Scan# 732

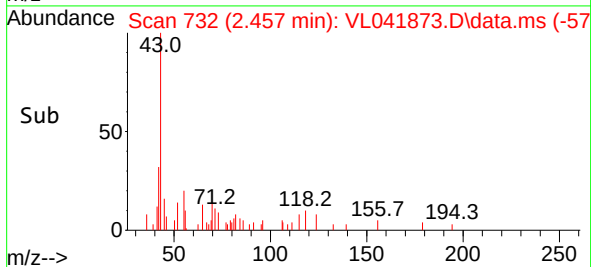
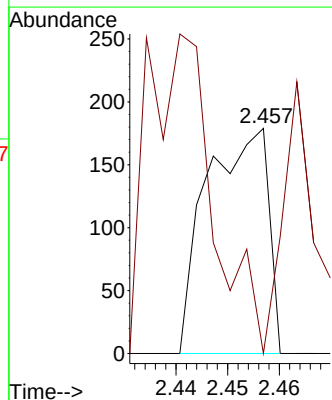
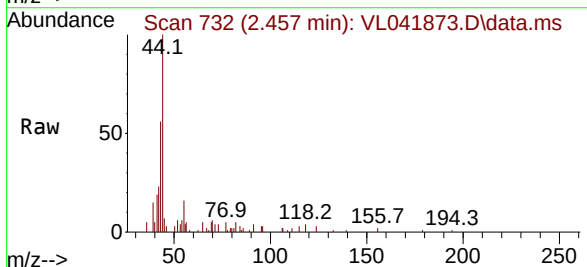
Delta R.T. -0.000 min

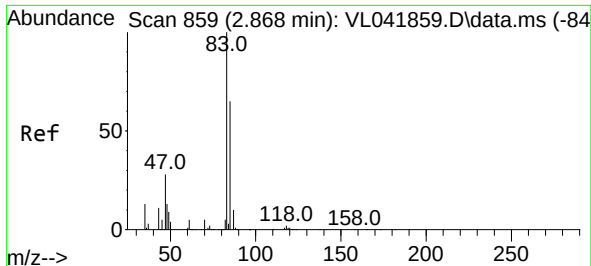
Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Tgt Ion: 73 Resp: 148

Ion	Ratio	Lower	Upper
73	100		
57	160.8	17.5	26.3#





#29

Chloroform

Concen: 0.030 ppbv

RT: 2.861 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

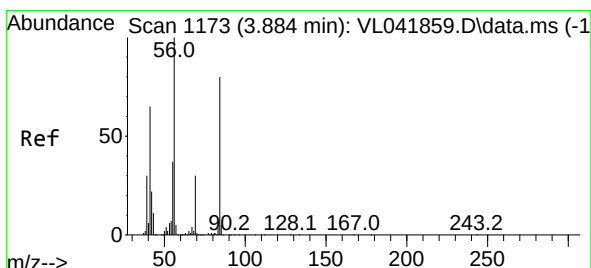
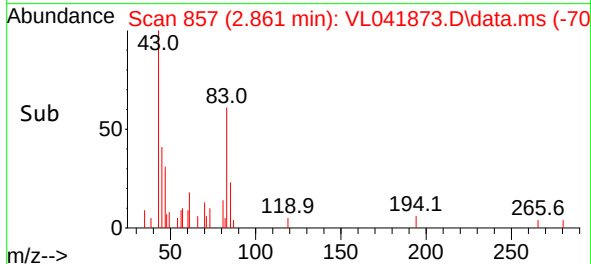
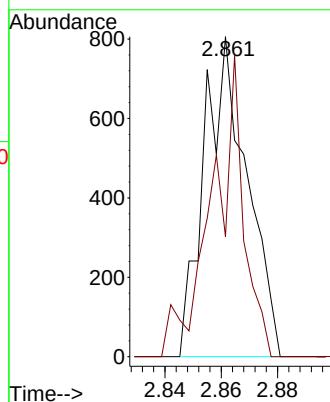
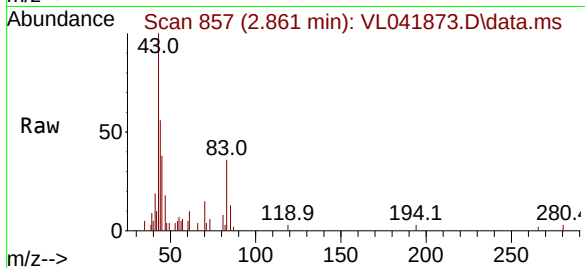
ClientSampleId :

Tgt Ion: 83 Resp: 854

Ion Ratio Lower Upper

83 100

85 37.5 51.7 77.5#



#30

Cyclohexane

Concen: 0.081 ppbv

RT: 3.881 min Scan# 1172

Delta R.T. -0.003 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

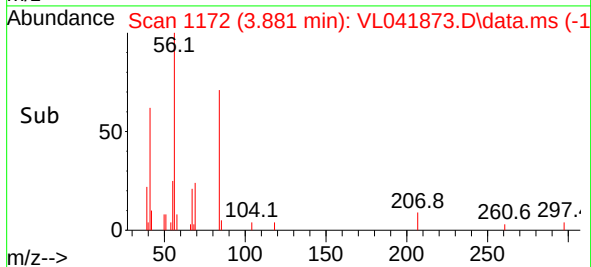
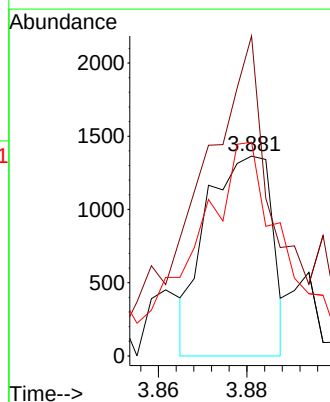
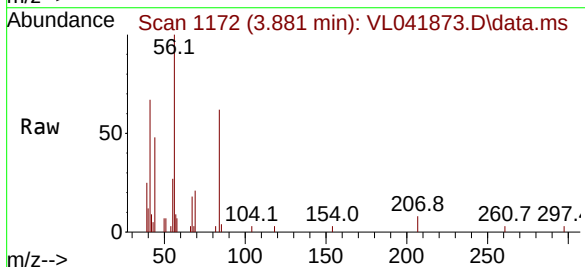
Tgt Ion: 84 Resp: 1406

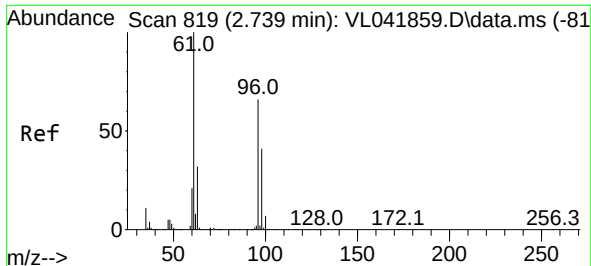
Ion Ratio Lower Upper

84 100

56 207.5 100.7 151.1#

41 208.5 62.8 94.2#

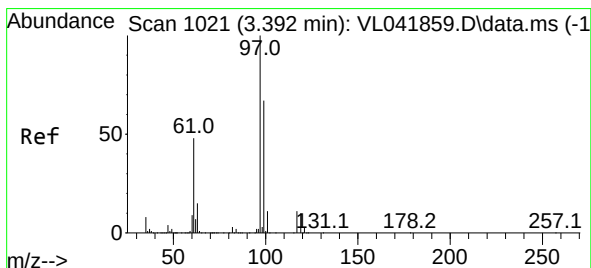
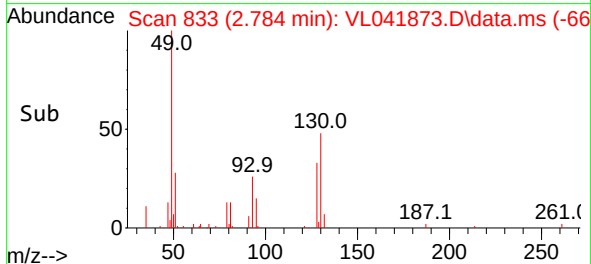
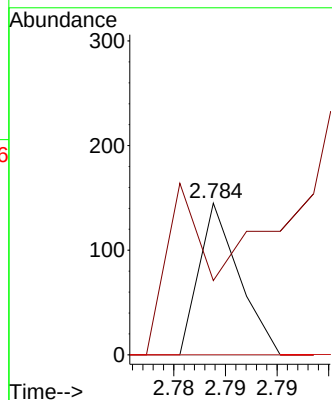
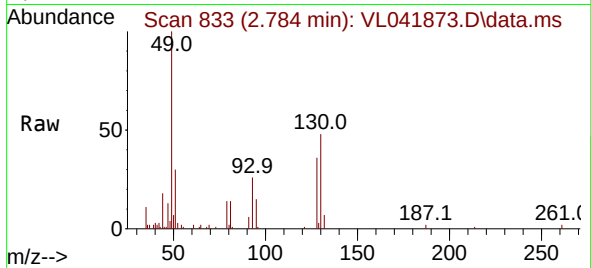




#31
 cis-1,2-Dichloroethene
 Concen: 0.002 ppbv
 RT: 2.784 min Scan# 81
 Delta R.T. 0.045 min
 Lab File: VL041873.D
 Acq: 09 Jan 2025 19:10

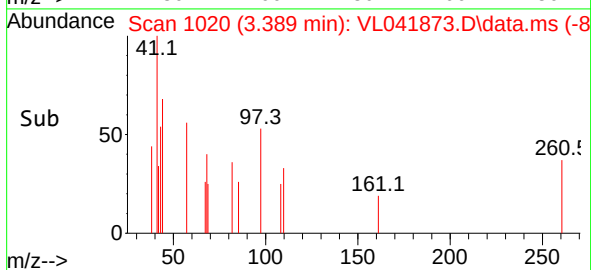
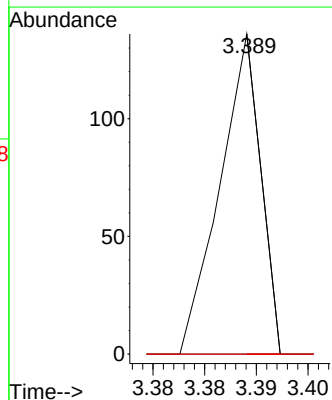
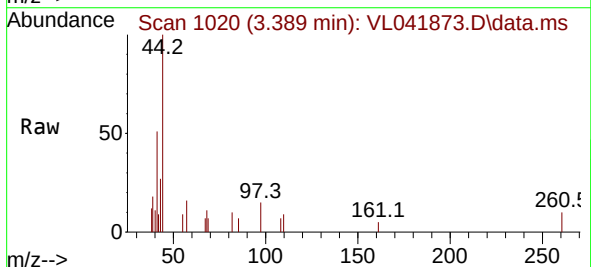
Instrument :
 MSVOA_L
 ClientSampleId :

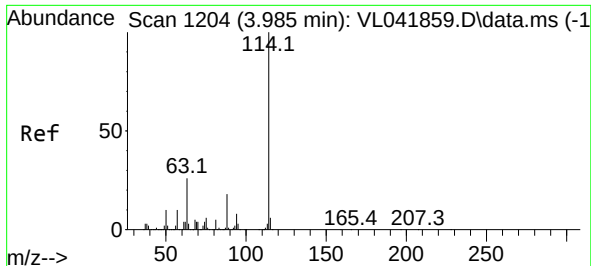
Tgt Ion: 61 Resp: 39
 Ion Ratio Lower Upper
 61 100
 96 0.0 53.2 79.8#
 98 0.0 32.5 48.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.001 ppbv
 RT: 3.389 min Scan# 1020
 Delta R.T. -0.003 min
 Lab File: VL041873.D
 Acq: 09 Jan 2025 19:10

Tgt Ion: 97 Resp: 37
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.0 78.0#
 61 227.0 38.8 58.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.978 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

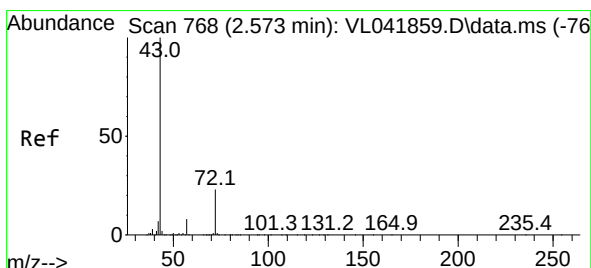
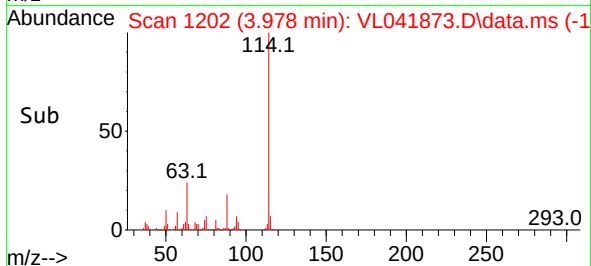
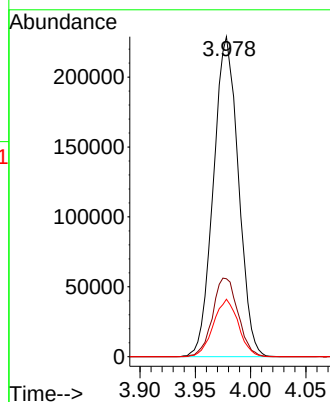
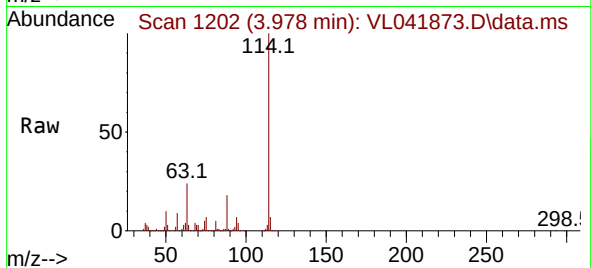
Tgt Ion:114 Resp: 358809

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

88 18.0 14.6 21.8



#34

2-Butanone

Concen: 0.186 ppbv

RT: 2.577 min Scan# 769

Delta R.T. 0.003 min

Lab File: VL041873.D

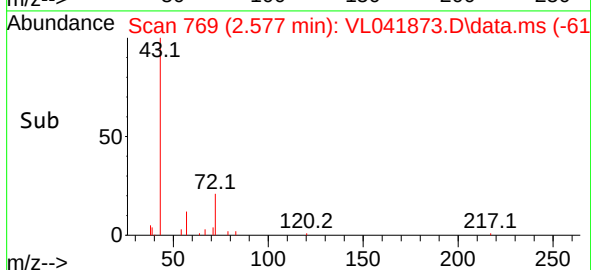
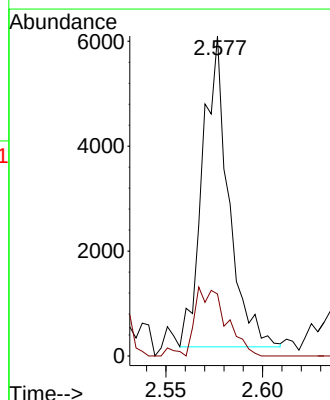
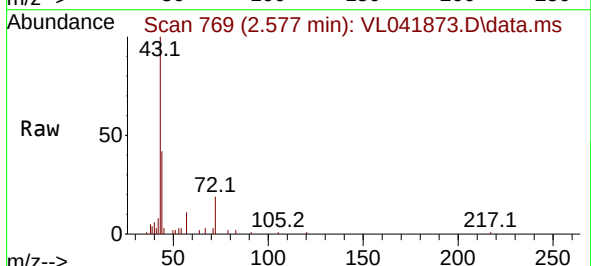
Acq: 09 Jan 2025 19:10

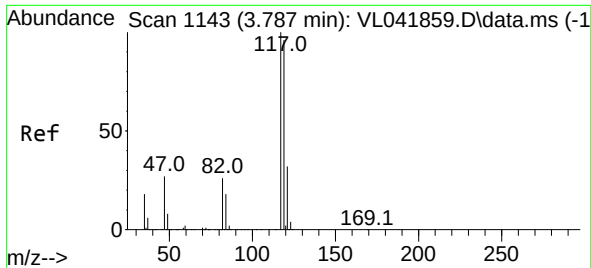
Tgt Ion: 43 Resp: 5540

Ion Ratio Lower Upper

43 100

72 27.3 18.5 27.7

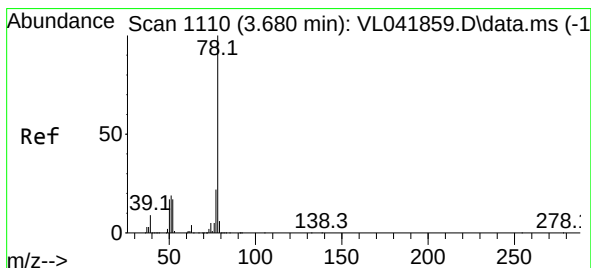
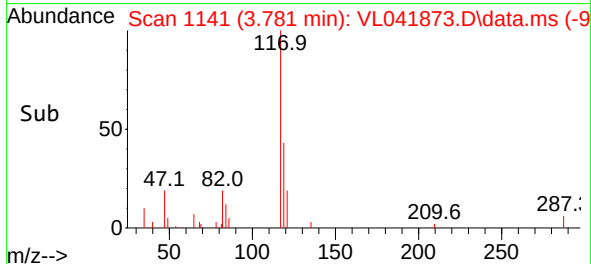
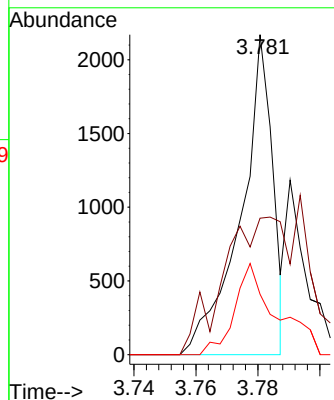
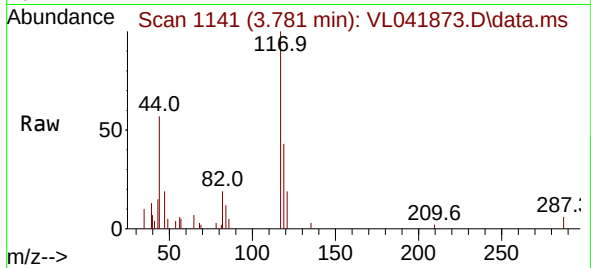




#35
Carbon Tetrachloride
Concen: 0.056 ppbv
RT: 3.781 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

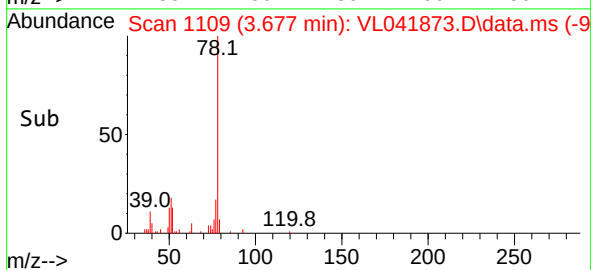
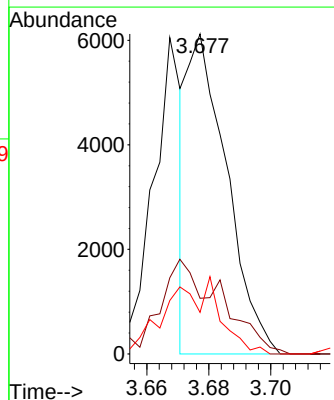
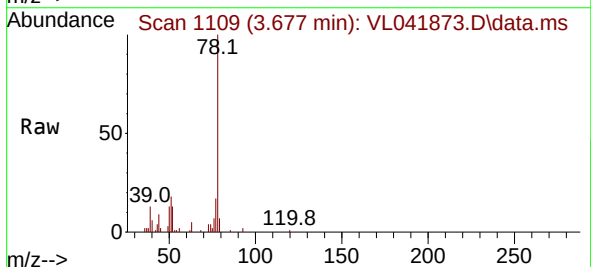
Instrument :
MSVOA_L
ClientSampleId :

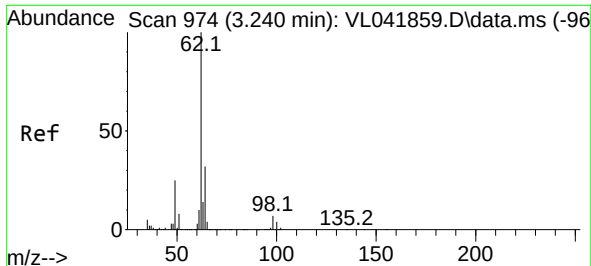
Tgt Ion:117 Resp: 1559
Ion Ratio Lower Upper
117 100
119 42.7 76.9 115.3#
121 18.9 25.9 38.9#



#36
Benzene
Concen: 0.130 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

Tgt Ion: 78 Resp: 5396
Ion Ratio Lower Upper
78 100
77 16.1 17.9 26.9#
50 13.0 13.7 20.5#





#37

1,2-Dichloroethane

Concen: 0.020 ppbv

RT: 3.230 min Scan# 91

Delta R.T. -0.010 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

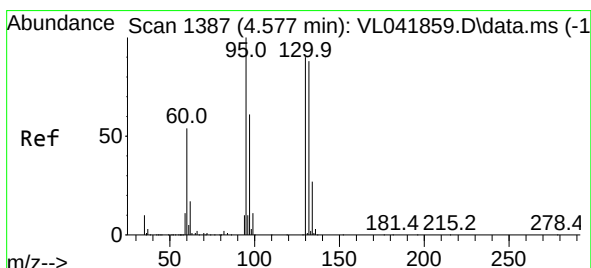
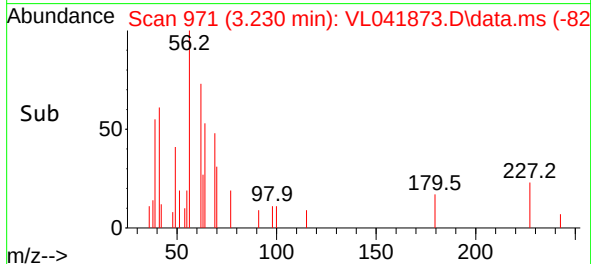
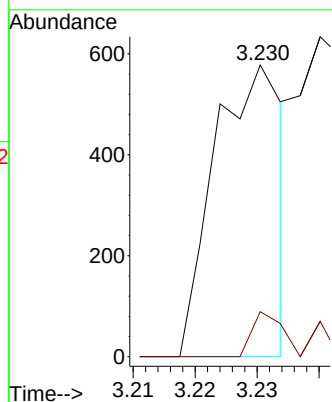
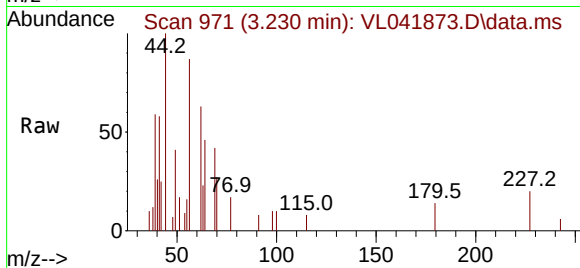
ClientSampleId :

Tgt Ion: 62 Resp: 442

Ion Ratio Lower Upper

62 100

98 0.0 5.6 8.4#



#38

Trichloroethene

Concen: 0.002 ppbv

RT: 4.305 min Scan# 1303

Delta R.T. -0.272 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Tgt Ion:130 Resp: 36

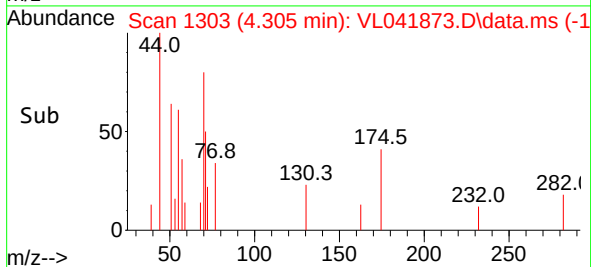
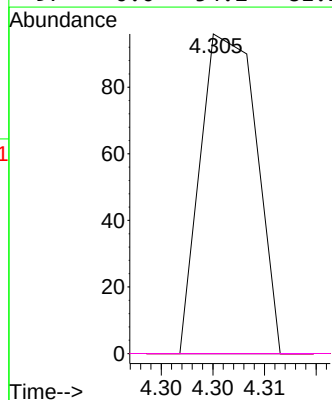
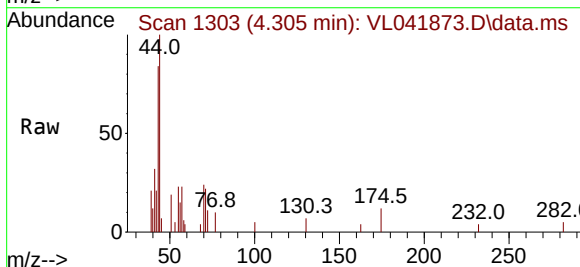
Ion Ratio Lower Upper

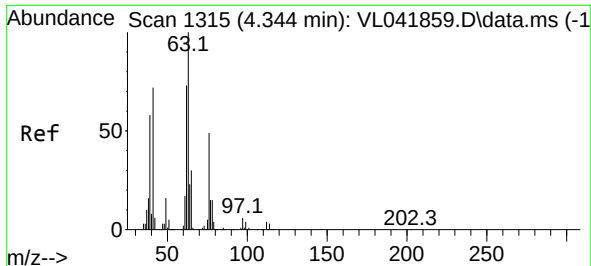
130 100

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: 6.072 ppbv

RT: 3.975 min Scan# 11

Delta R.T. -0.369 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

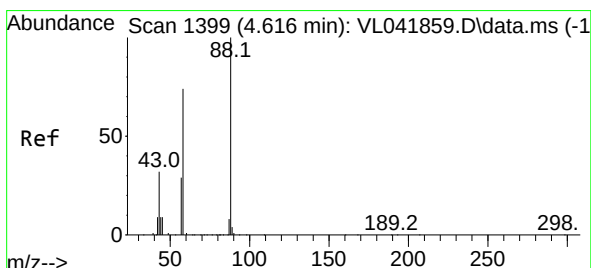
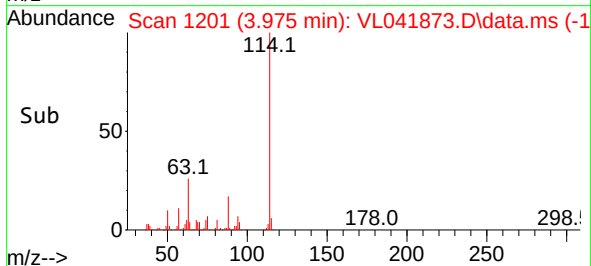
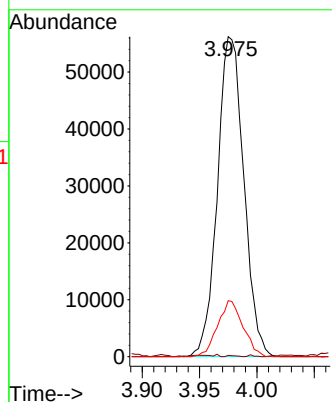
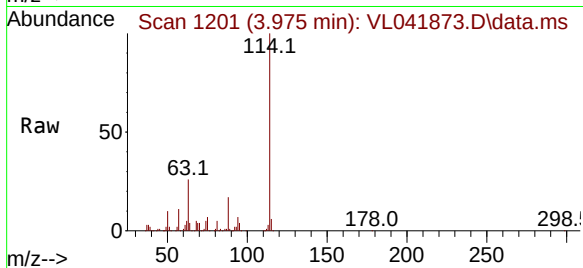
Tgt Ion: 63 Resp: 89907

Ion Ratio Lower Upper

63 100

41 0.1 58.0 87.0#

62 17.5 58.6 87.8#



#40

1,4-Dioxane

Concen: 0.004 ppbv

RT: 4.431 min Scan# 1342

Delta R.T. -0.185 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Tgt Ion: 88 Resp: 31

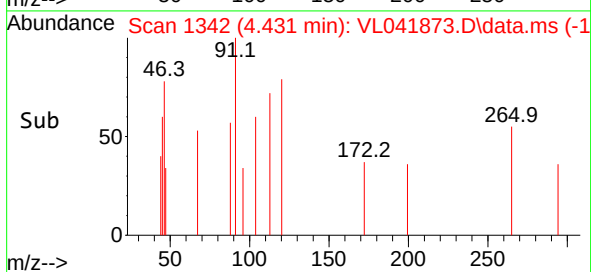
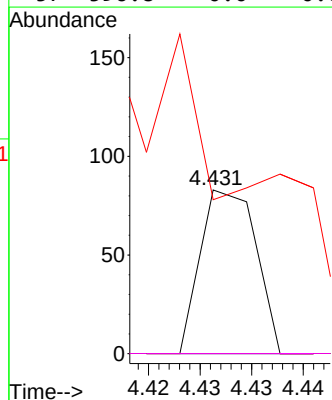
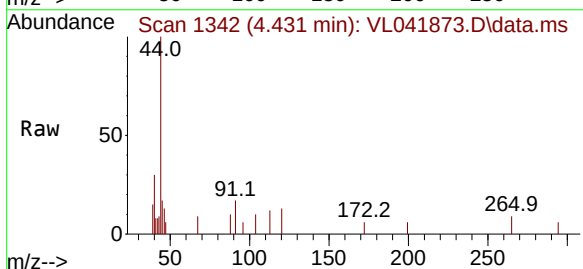
Ion Ratio Lower Upper

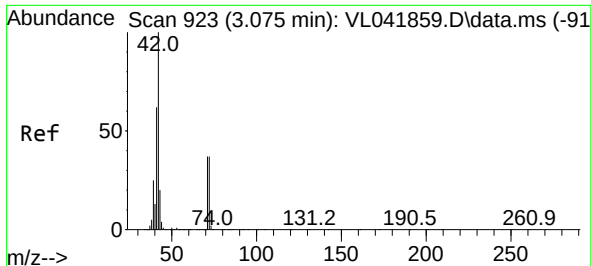
88 100

58 0.0 52.2 78.4#

43 1206.5 0.0 0.0#

57 596.8 0.0 0.0#





#41

Tetrahydrofuran

Concen: 0.004 ppbv

RT: 3.065 min Scan# 91

Delta R.T. -0.010 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

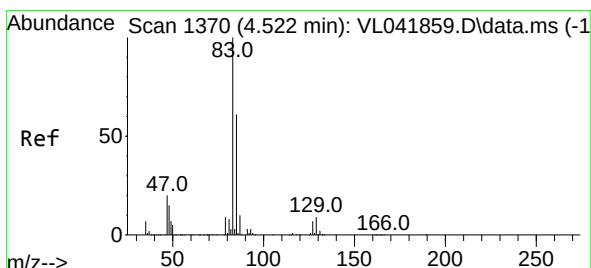
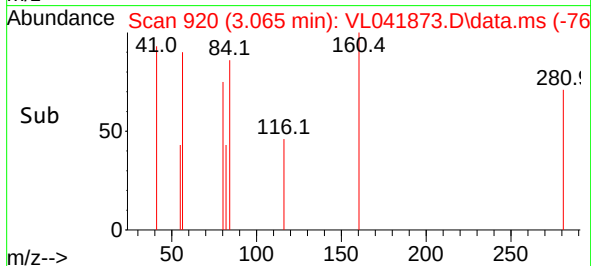
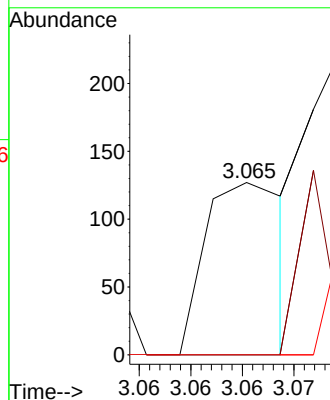
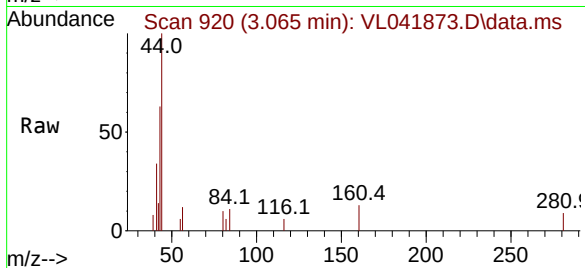
Tgt Ion: 42 Resp: 70

Ion Ratio Lower Upper

42 100

72 0.0 30.8 46.2#

71 0.0 30.1 45.1#



#42

Bromodichloromethane

Concen: 0.002 ppbv

RT: 4.512 min Scan# 1367

Delta R.T. -0.010 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

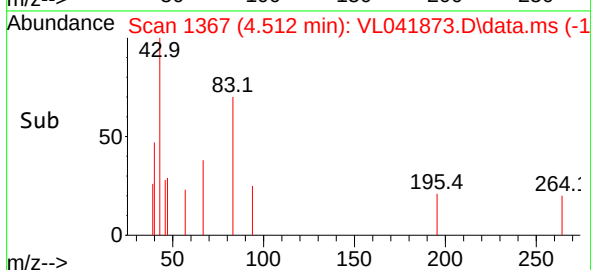
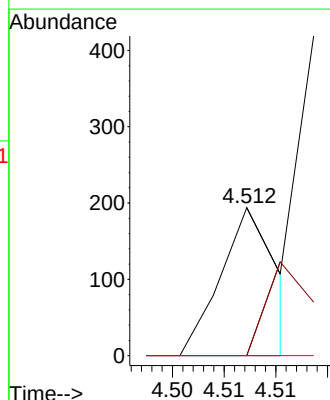
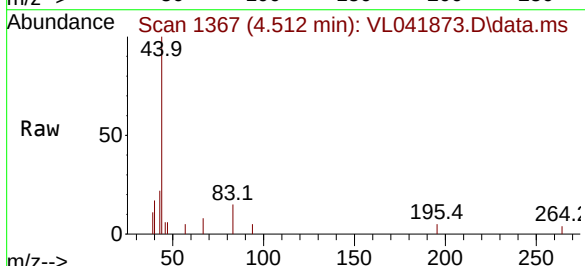
Tgt Ion: 83 Resp: 74

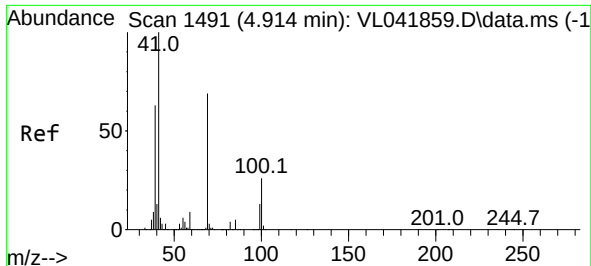
Ion Ratio Lower Upper

83 100

85 0.0 48.9 73.3#

127 0.0 5.4 8.2#





#43

Methyl Methacrylate

Concen: 0.003 ppbv

RT: 4.904 min Scan# 1491

Delta R.T. -0.010 min

Lab File: VL041873.D

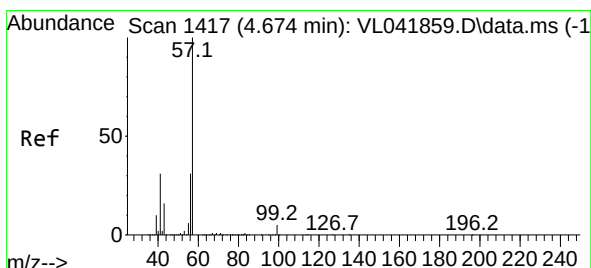
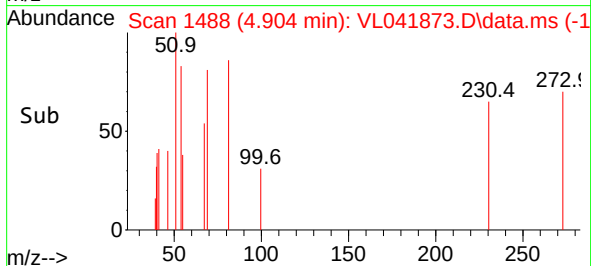
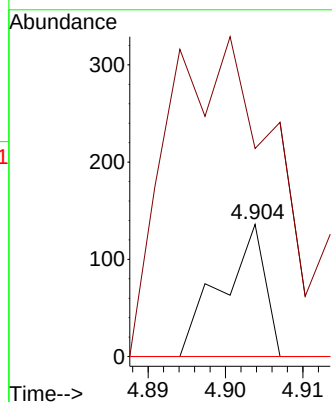
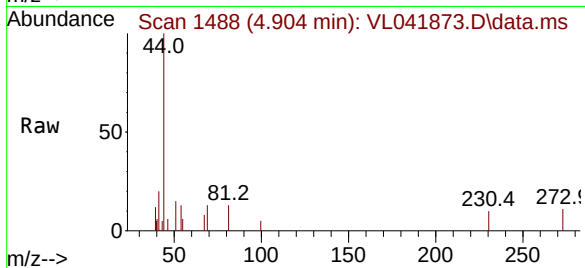
Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	69	Resp:	53
Ion	Ratio	Lower	Upper
69	100		
41	1026.4	116.2	174.4#
100	0.0	29.8	44.8#



#44

2,2,4-Trimethylpentane

Concen: 0.028 ppbv

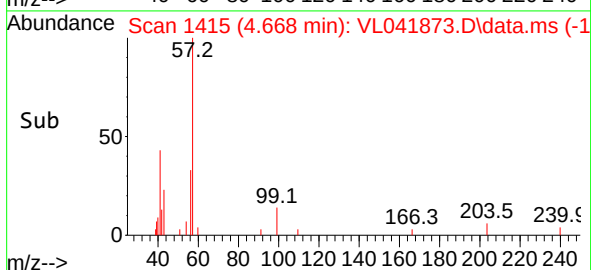
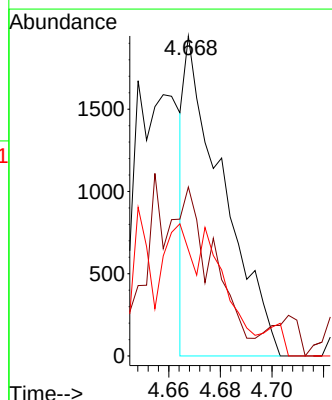
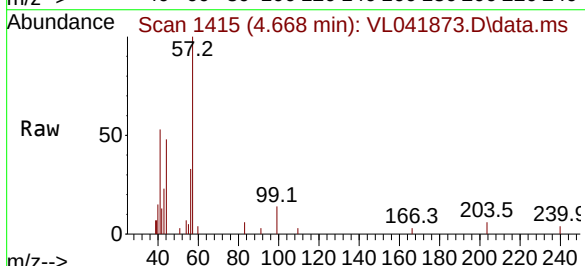
RT: 4.668 min Scan# 1415

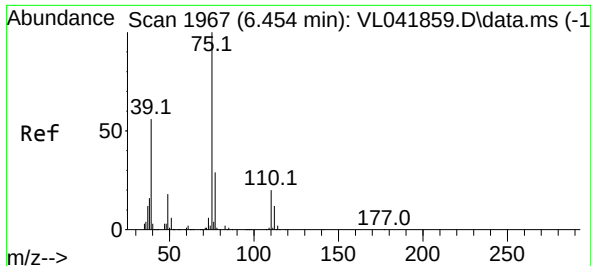
Delta R.T. -0.006 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Tgt Ion:	57	Resp:	1969
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: 0.003 ppbv

RT: 6.189 min Scan# 11

Delta R.T. -0.265 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

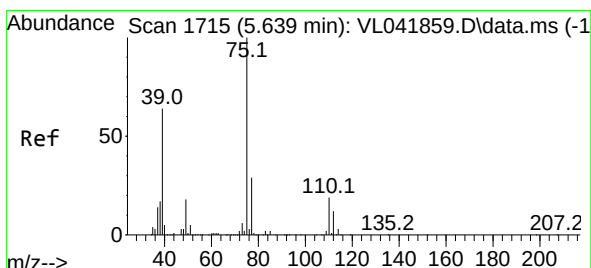
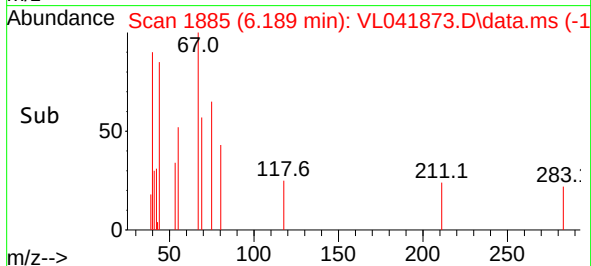
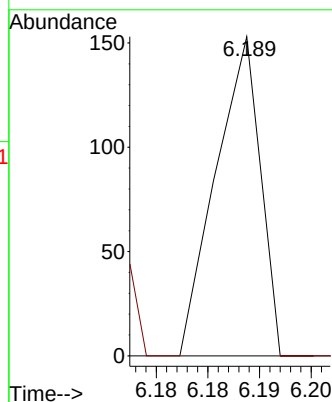
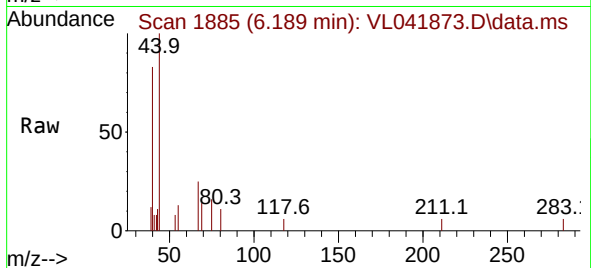
ClientSampleId :

Tgt Ion: 75 Resp: 46

Ion Ratio Lower Upper

75 100

77 0.0 23.4 35.2#



#46

cis-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 5.554 min Scan# 1689

Delta R.T. -0.084 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

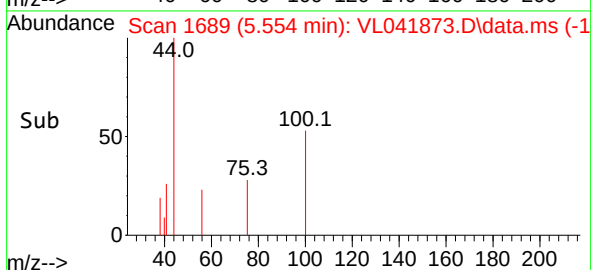
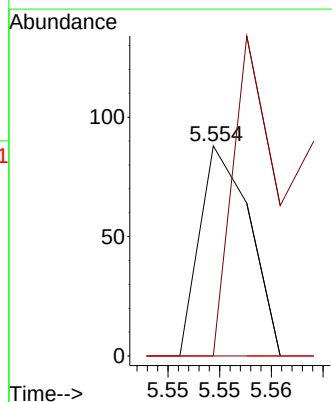
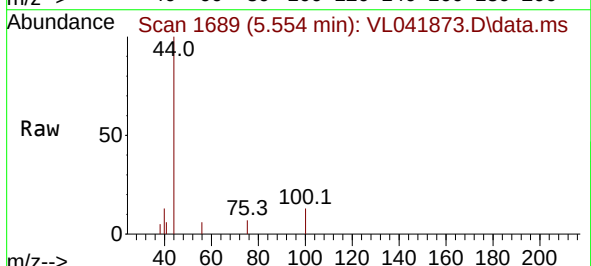
Tgt Ion: 75 Resp: 29

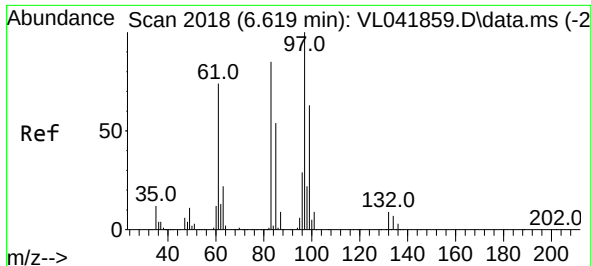
Ion Ratio Lower Upper

75 100

39 0.0 51.4 77.2#

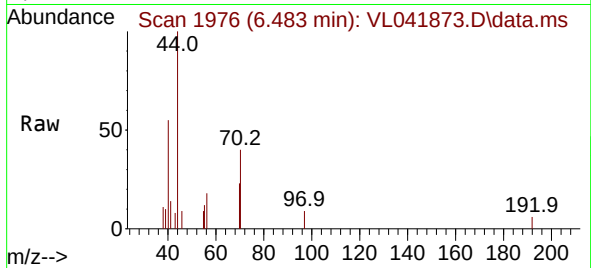
77 0.0 23.0 34.4#



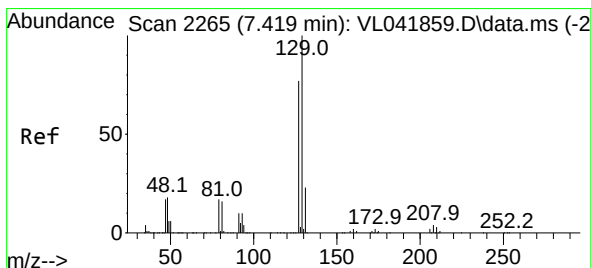
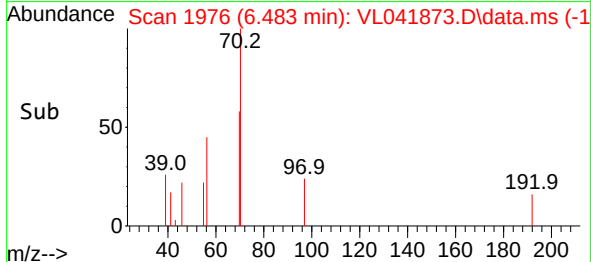
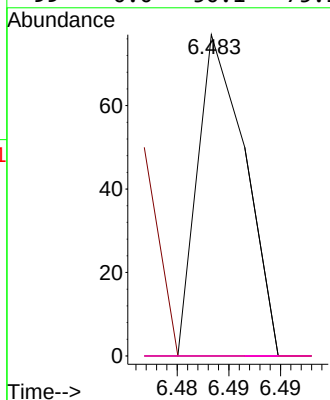


#47
 1,1,2-Trichloroethane
 Concen: 0.002 ppbv
 RT: 6.483 min Scan# 19
 Delta R.T. -0.136 min
 Lab File: VL041873.D
 Acq: 09 Jan 2025 19:10

Instrument :
 MSVOA_L
 ClientSampleId :

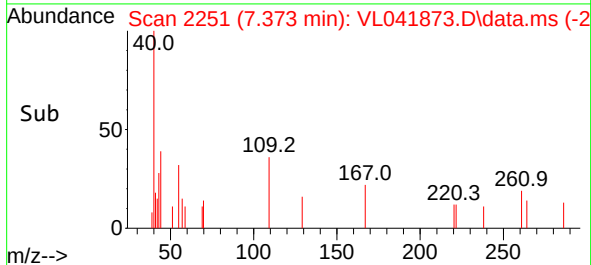
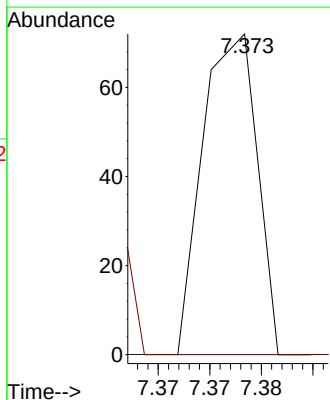
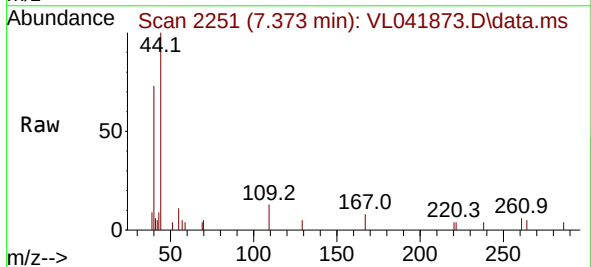


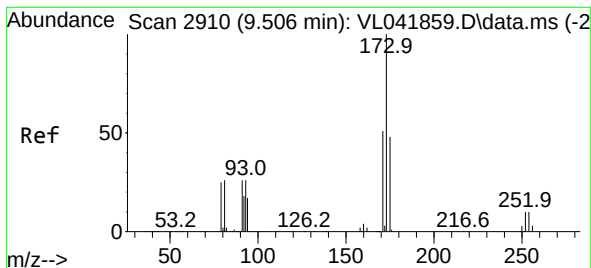
Tgt Ion: 97	Resp:	25
Ion	Ratio	Lower Upper
97	100	
83	0.0	68.1 102.1#
85	0.0	43.4 65.2#
99	0.0	50.1 75.1#



#48
 Dibromochloromethane
 Concen: 0.001 ppbv
 RT: 7.373 min Scan# 2251
 Delta R.T. -0.045 min
 Lab File: VL041873.D
 Acq: 09 Jan 2025 19:10

Tgt Ion: 129	Resp:	26
Ion	Ratio	Lower Upper
129	100	
127	469.2	39.4 118.1#





#49

Bromoform

Concen: 0.002 ppbv

RT: 9.493 min Scan# 2910

Delta R.T. -0.013 min

Lab File: VL041873.D

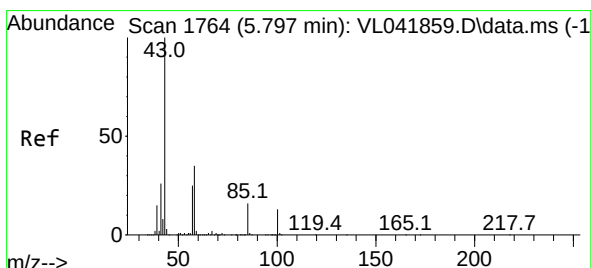
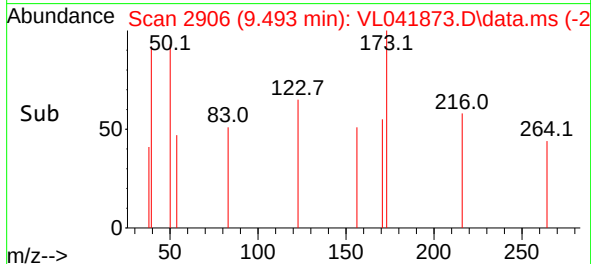
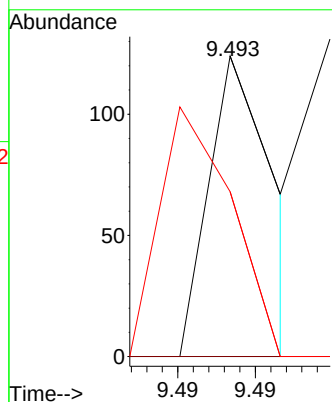
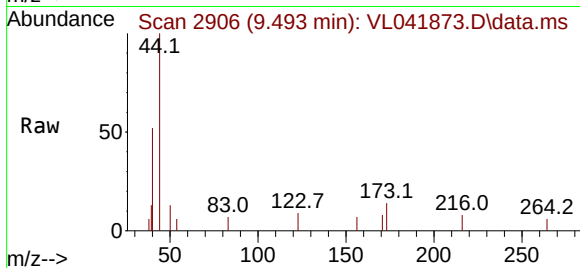
Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	173	Resp:	37
Ion	Ratio	Lower	Upper
173	100		
175	0.0	38.2	57.2#
171	0.0	41.3	61.9#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

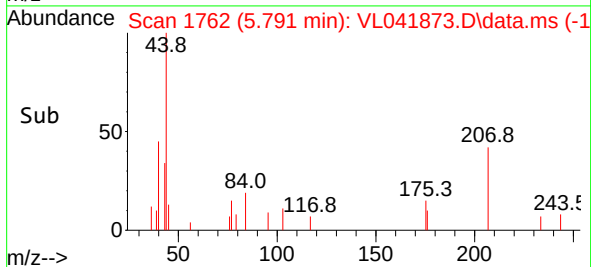
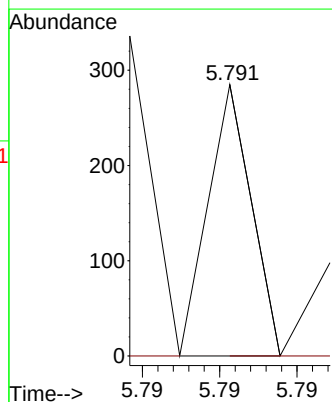
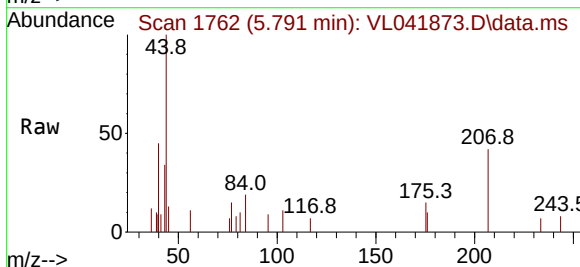
RT: 5.791 min Scan# 1762

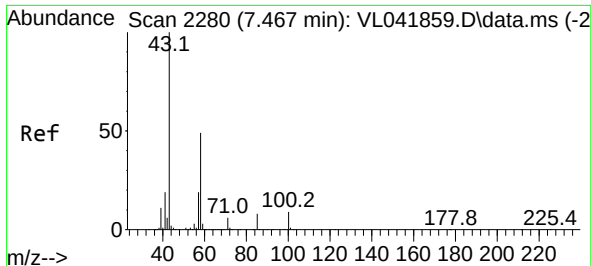
Delta R.T. -0.006 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Tgt Ion:	43	Resp:	55
Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.4	44.2#

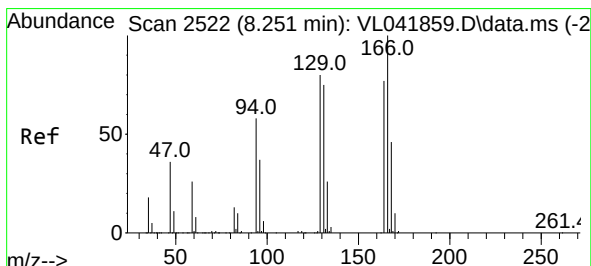
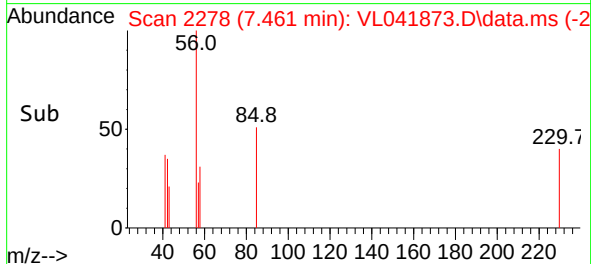
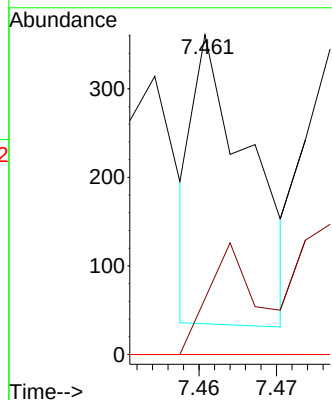
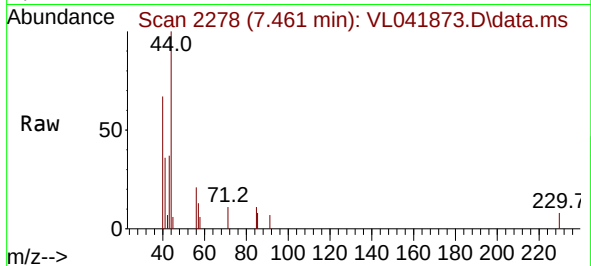




#51
2-Hexanone
Concen: 0.005 ppbv
RT: 7.461 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

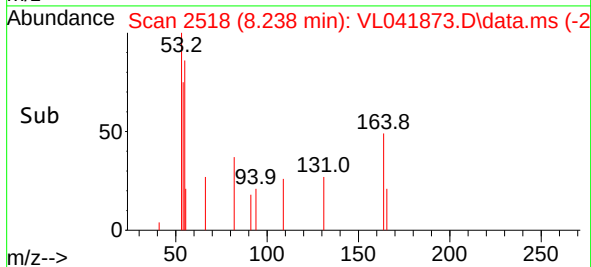
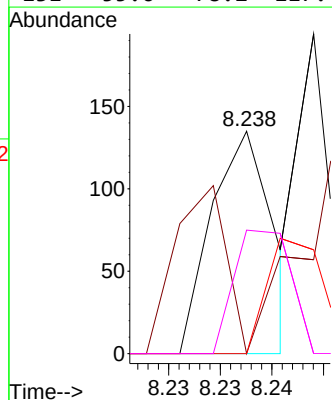
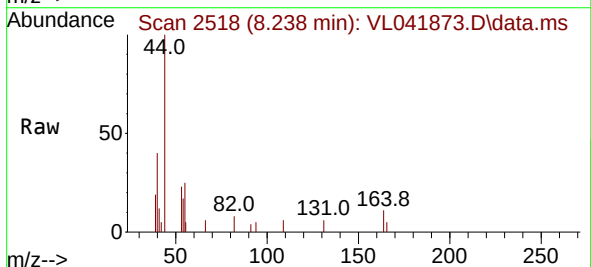
Instrument :
MSVOA_L
ClientSampleId :

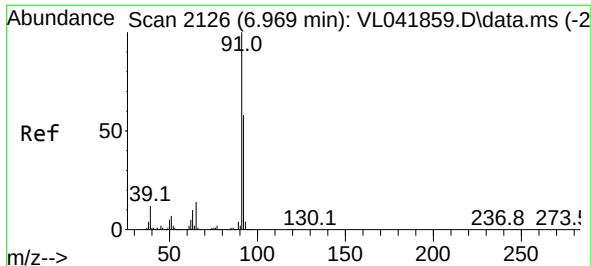
Tgt Ion: 43 Resp: 164
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.004 ppbv
RT: 8.238 min Scan# 2518
Delta R.T. -0.013 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

Tgt Ion: 164 Resp: 57
Ion Ratio Lower Upper
164 100
166 0.0 103.6 155.4#
129 0.0 82.6 123.8#
131 55.6 78.2 117.4#

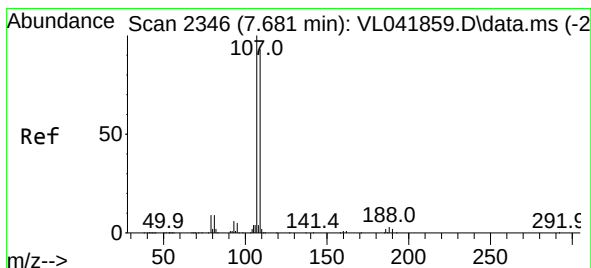
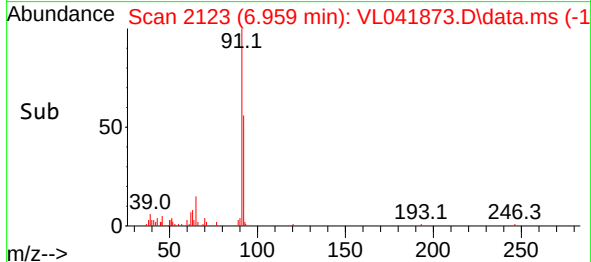
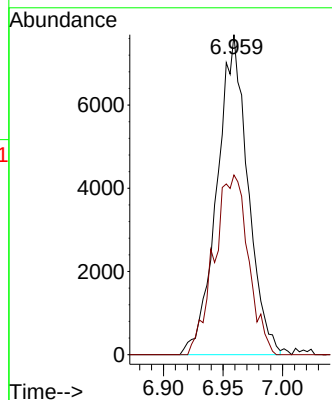
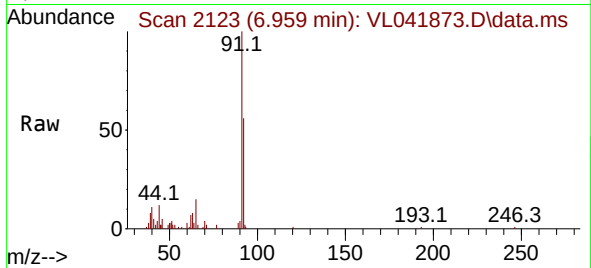




#53
Toluene
Concen: 0.280 ppbv
RT: 6.959 min Scan# 2126
Delta R.T. -0.010 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

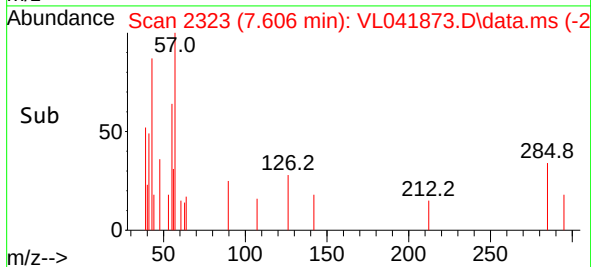
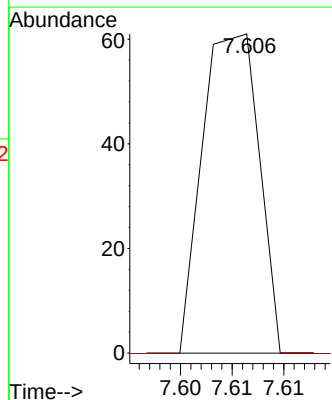
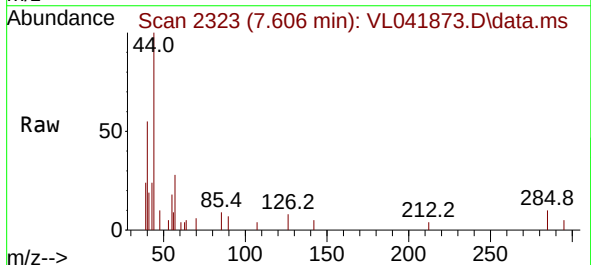
Instrument :
MSVOA_L
ClientSampleId :

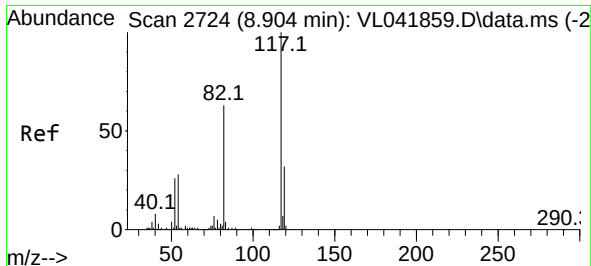
Tgt Ion: 91 Resp: 13871
Ion Ratio Lower Upper
91 100
92 62.2 47.2 70.8



#54
1,2-Dibromoethane
Concen: 0.001 ppbv
RT: 7.606 min Scan# 2323
Delta R.T. -0.074 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

Tgt Ion: 107 Resp: 23
Ion Ratio Lower Upper
107 100
109 0.0 74.6 112.0#

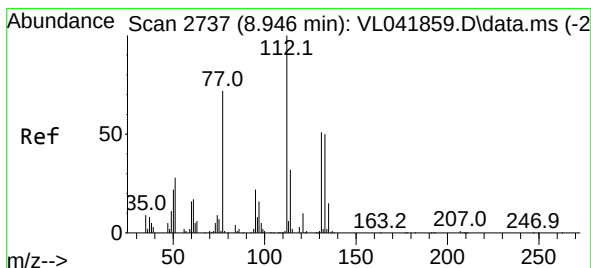
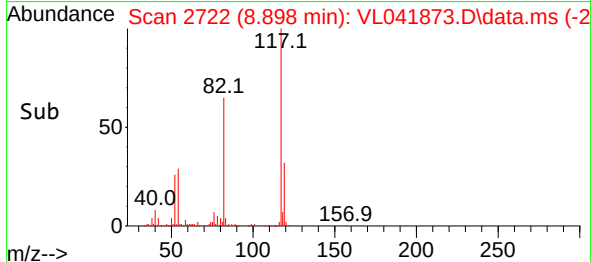
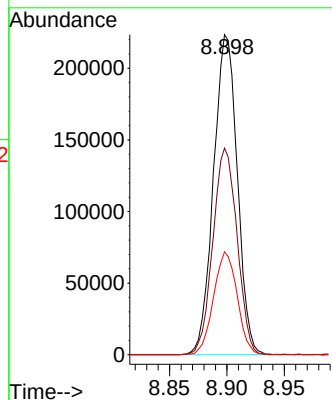
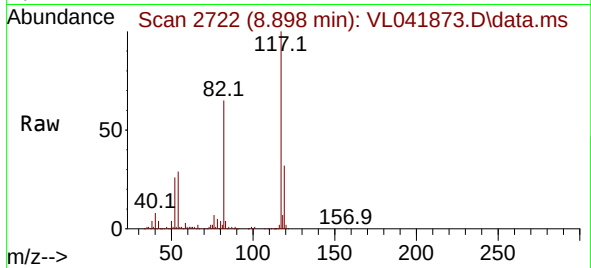




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

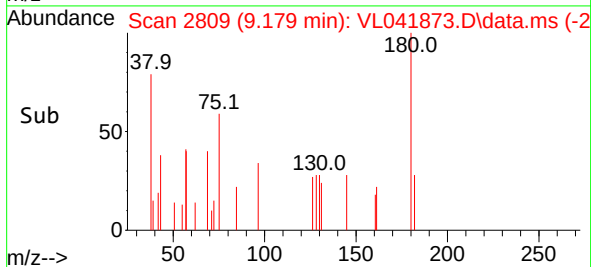
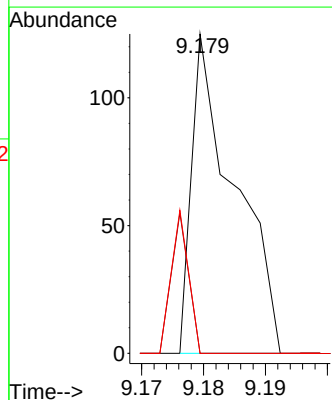
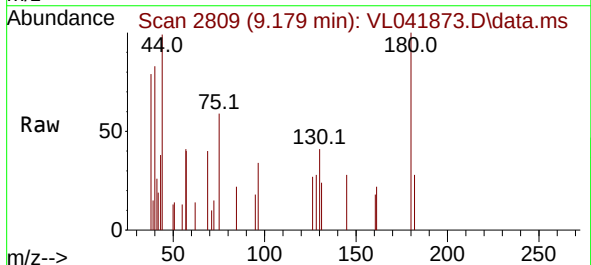
Instrument :
MSVOA_L
ClientSampleId :

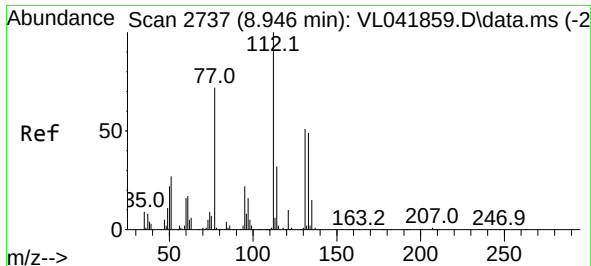
Tgt Ion:117 Resp: 322467
Ion Ratio Lower Upper
117 100
82 65.6 54.5 81.7
119 32.1 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.003 ppbv
RT: 9.179 min Scan# 2809
Delta R.T. 0.233 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

Tgt Ion:131 Resp: 60
Ion Ratio Lower Upper
131 100
133 0.0 77.4 116.2#
119 0.0 49.4 74.0#





#57

Chlorobenzene

Concen: 0.002 ppbv

RT: 8.937 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL041873.D

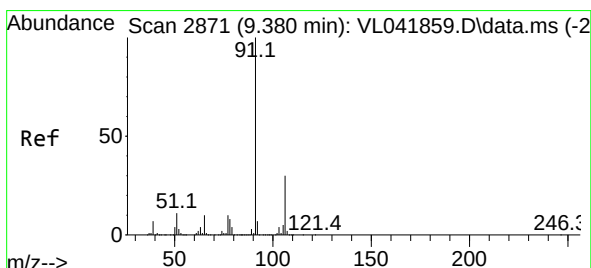
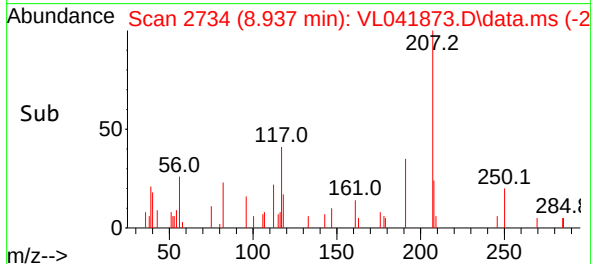
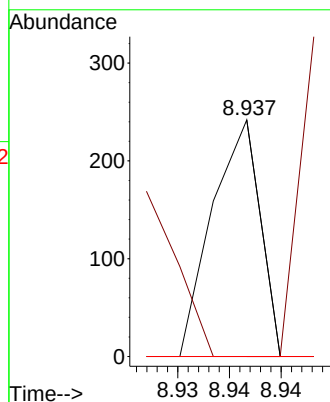
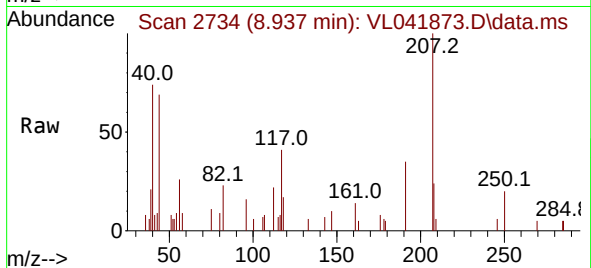
Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	112	Resp:	78
Ion	Ratio	Lower	Upper
112	100		
77	0.0	58.3	87.5#
114	0.0	28.9	35.3#



#58

Ethyl Benzene

Concen: 0.136 ppbv

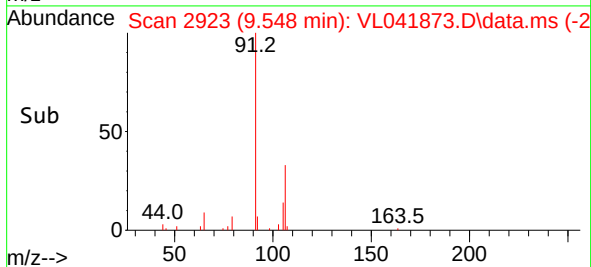
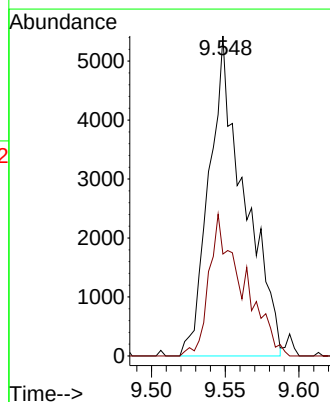
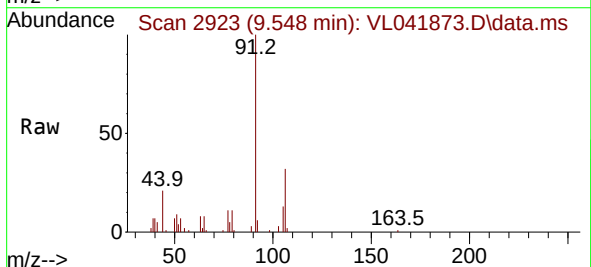
RT: 9.548 min Scan# 2923

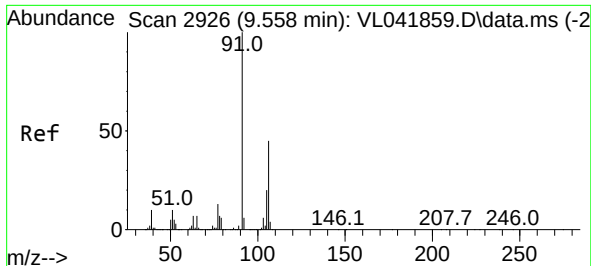
Delta R.T. 0.168 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Tgt Ion:	91	Resp:	9007
Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.2	36.2





#59

m/p-Xylene

Concen: 0.172 ppbv

RT: 9.548 min Scan# 2926

Delta R.T. -0.010 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

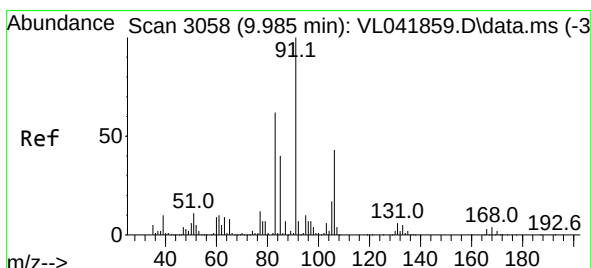
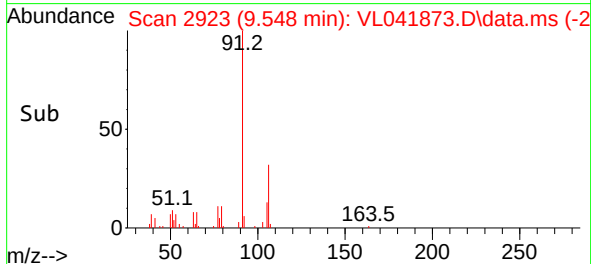
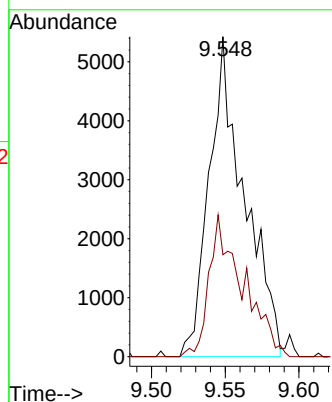
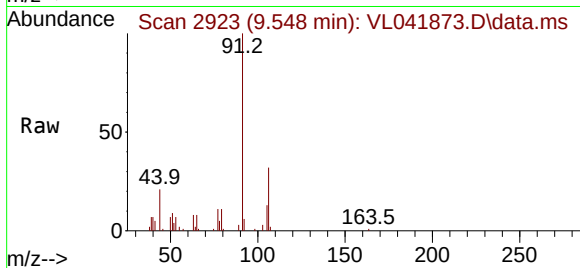
ClientSampleId :

Tgt Ion: 91 Resp: 9007

Ion Ratio Lower Upper

91 100

106 42.4 0.0 0.0#



#60

o-Xylene

Concen: 0.079 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. -0.006 min

Lab File: VL041873.D

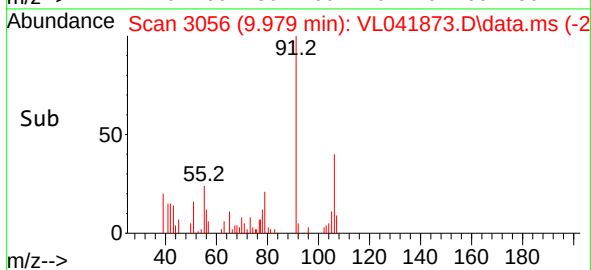
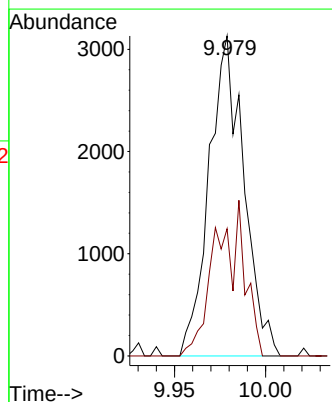
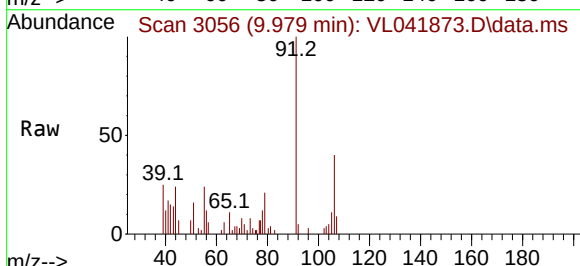
Acq: 09 Jan 2025 19:10

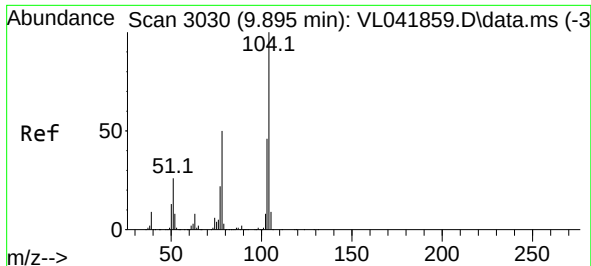
Tgt Ion: 91 Resp: 4146

Ion Ratio Lower Upper

91 100

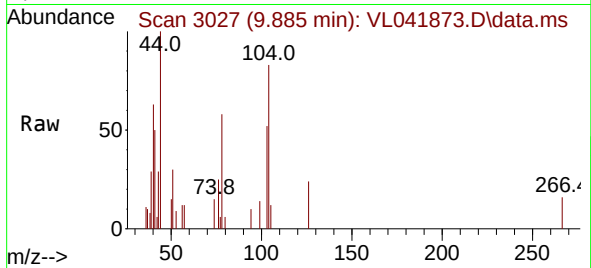
106 41.6 21.4 64.3



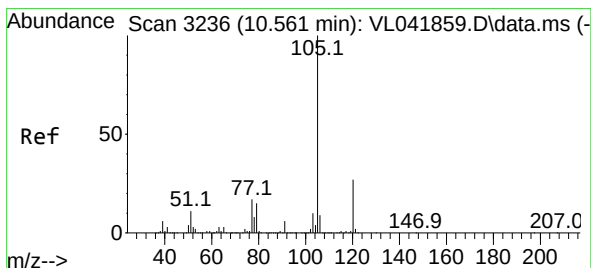
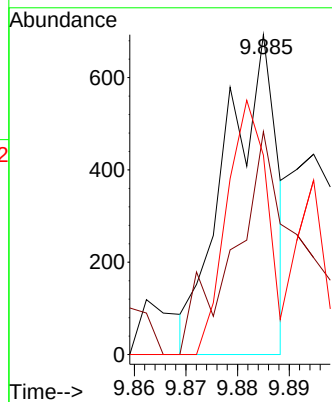
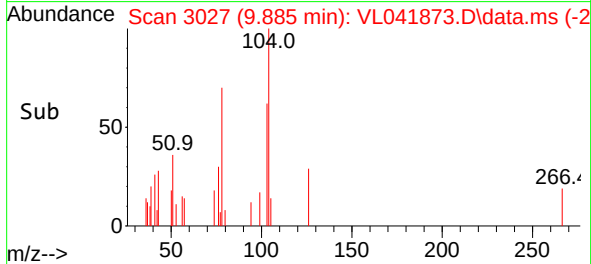


#61
Styrene
Concen: 0.018 ppbv
RT: 9.885 min Scan# 3030
Delta R.T. -0.010 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

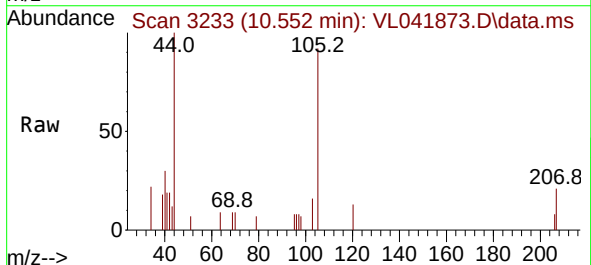
Instrument :
MSVOA_L
ClientSampleId :



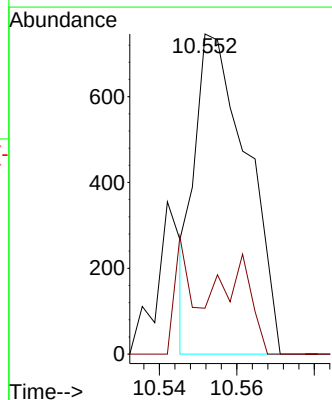
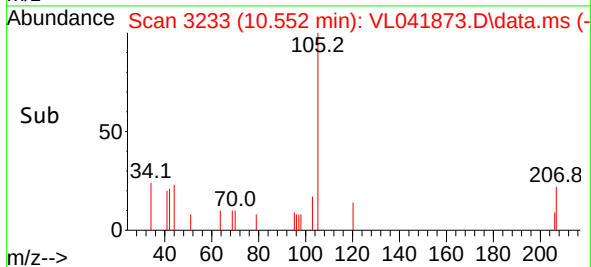
Tgt Ion:104 Resp: 479
Ion Ratio Lower Upper
104 100
78 104.2 40.7 61.1#
103 92.3 37.0 55.6#

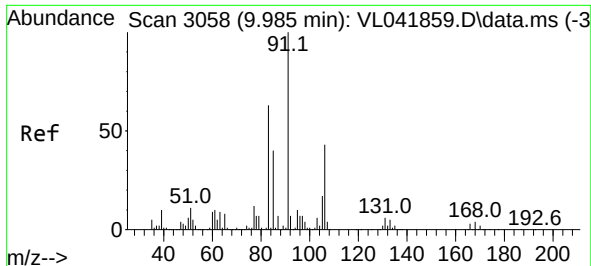


#62
Isopropylbenzene
Concen: 0.009 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.010 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10



Tgt Ion:105 Resp: 699
Ion Ratio Lower Upper
105 100
120 0.0 20.3 30.5#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.001 ppbv

RT: 9.976 min Scan# 3058

Delta R.T. -0.010 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

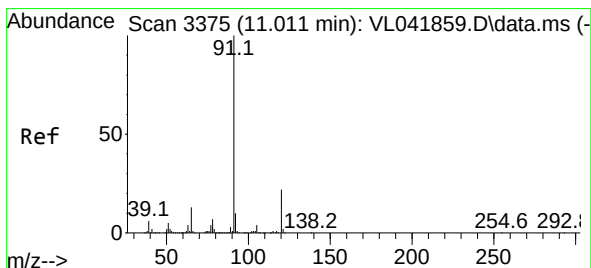
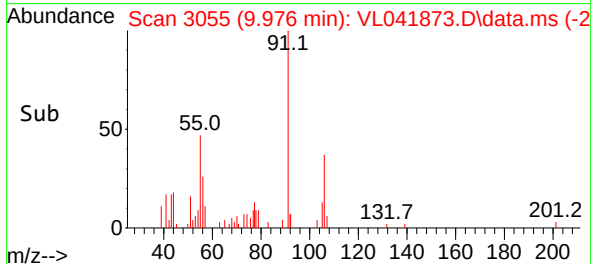
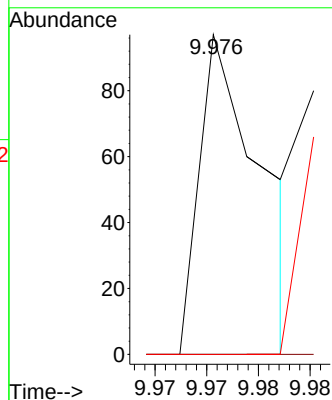
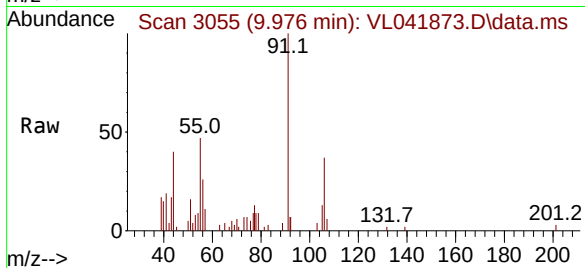
Tgt Ion: 83 Resp: 41

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 0.0 32.1 96.3#



#64

n-propylbenzene

Concen: 0.008 ppbv

RT: 11.005 min Scan# 3373

Delta R.T. -0.006 min

Lab File: VL041873.D

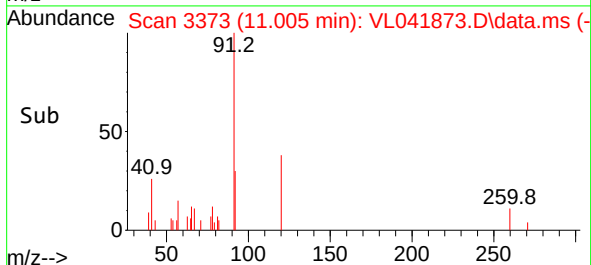
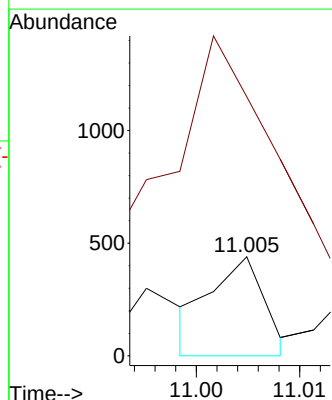
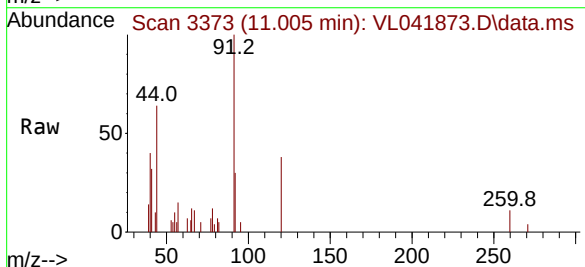
Acq: 09 Jan 2025 19:10

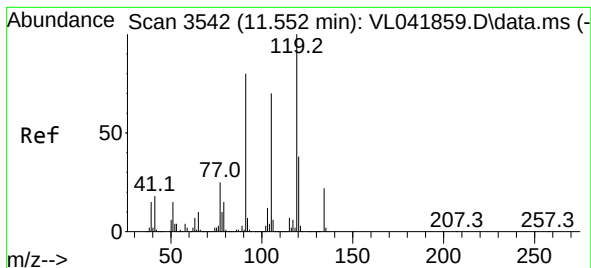
Tgt Ion: 120 Resp: 157

Ion Ratio Lower Upper

120 100

91 892.4 376.9 565.3#





#65

tert-Butylbenzene

Concen: 0.008 ppbv

RT: 11.898 min Scan# 3

Delta R.T. 0.346 min

Lab File: VL041873.D

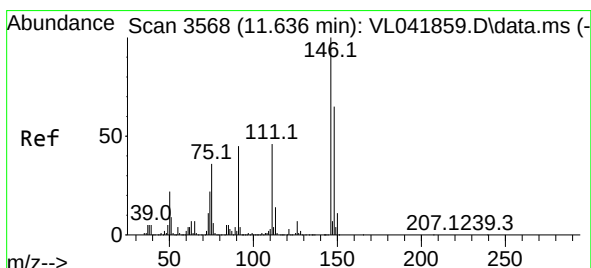
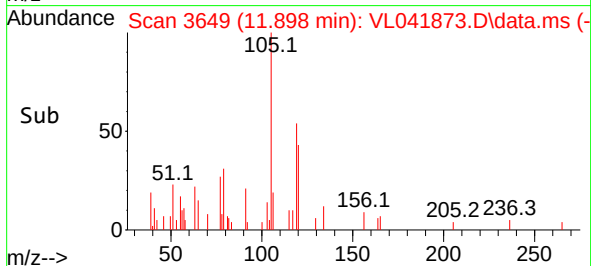
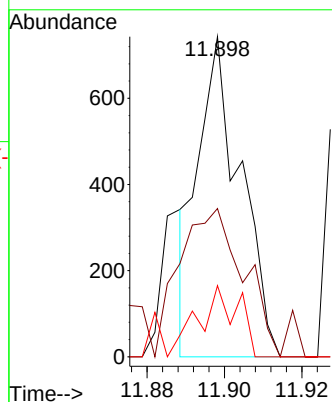
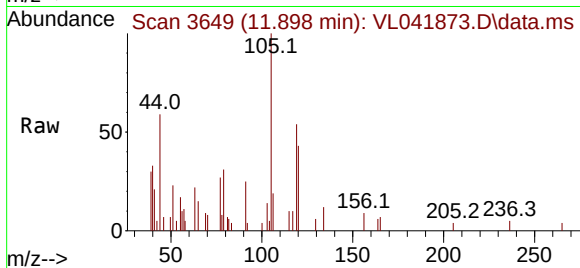
Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	565
Ion	Ratio	Lower	Upper
119	100		
91	74.0	64.6	97.0
134	24.2	16.9	25.3



#66

Benzyl Chloride

Concen: 0.003 ppbv

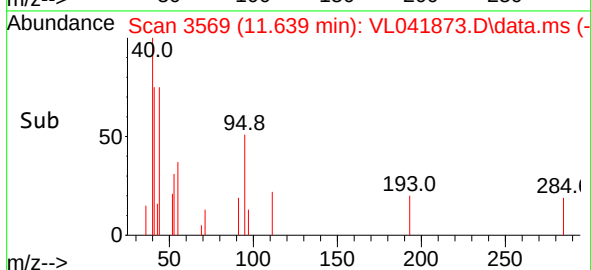
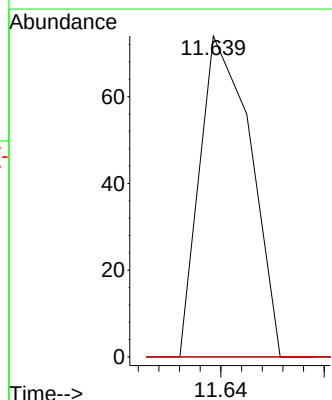
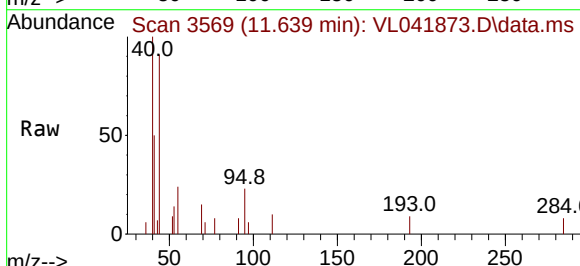
RT: 11.639 min Scan# 3569

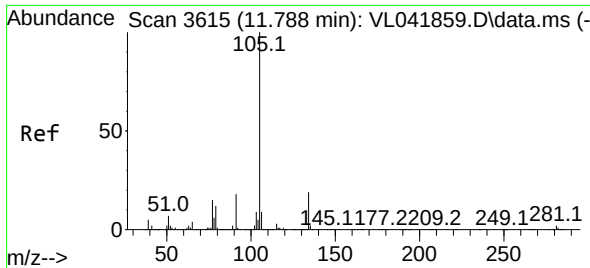
Delta R.T. 0.003 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Tgt Ion:	91	Resp:	25
Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.9	20.9#
128	0.0	4.8	7.2#

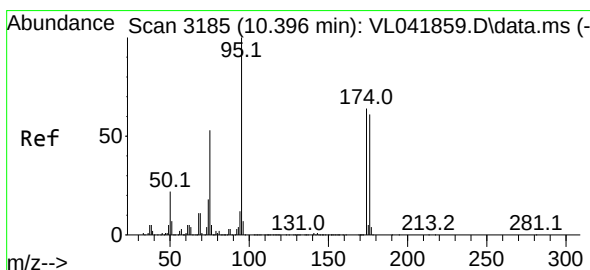
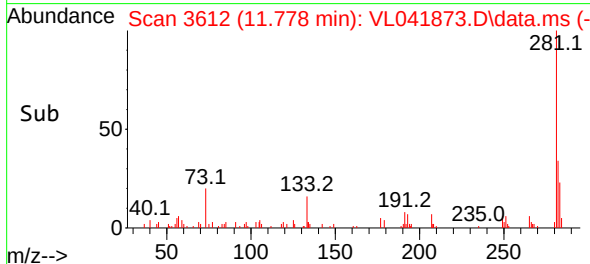
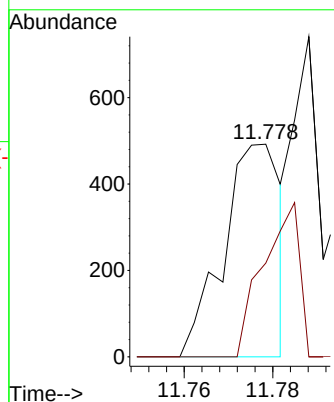
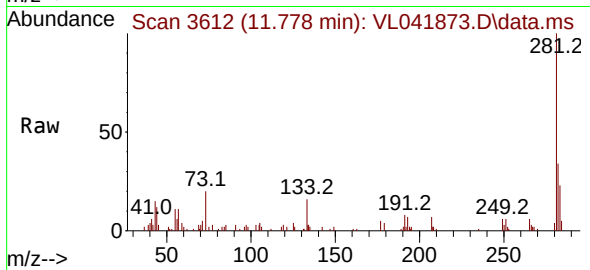




#67
 sec-Butylbenzene
 Concen: 0.004 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. -0.010 min
 Lab File: VL041873.D
 Acq: 09 Jan 2025 19:10

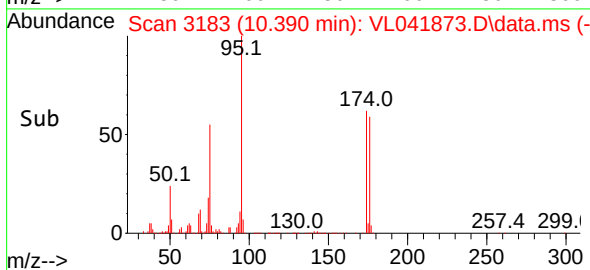
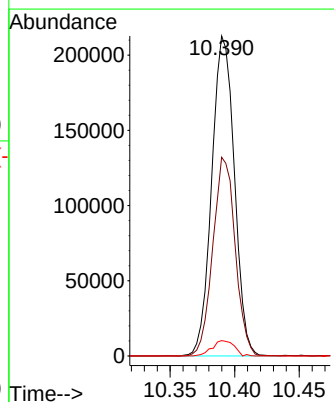
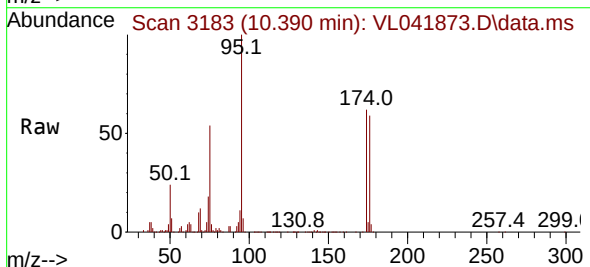
Instrument :
 MSVOA_L
 ClientSampleId :

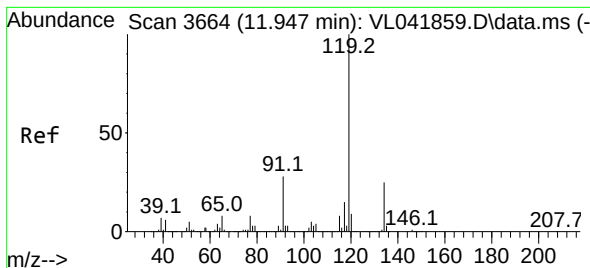
Tgt Ion:105 Resp: 441
 Ion Ratio Lower Upper
 105 100
 134 0.0 15.4 23.2#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.027 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.007 min
 Lab File: VL041873.D
 Acq: 09 Jan 2025 19:10

Tgt Ion: 95 Resp: 259255
 Ion Ratio Lower Upper
 95 100
 174 61.4 51.1 76.7
 175 4.7 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.015 ppbv

RT: 11.937 min Scan# 3

Delta R.T. -0.010 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

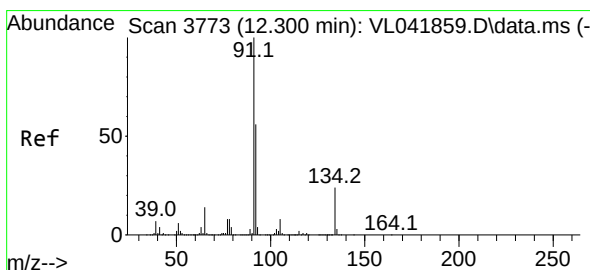
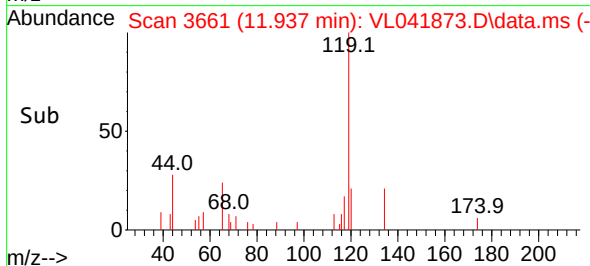
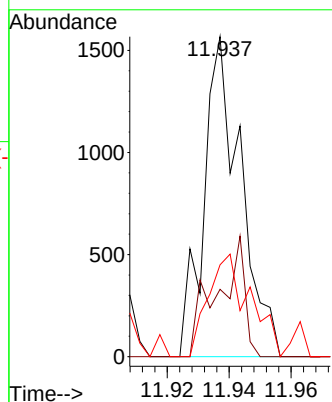
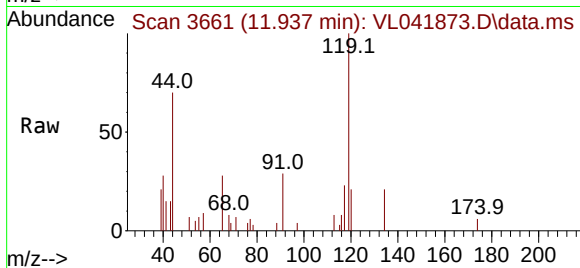
Tgt Ion:119 Resp: 1295

Ion Ratio Lower Upper

119 100

134 28.4 20.3 30.5

91 39.8 22.6 34.0#



#70

n-Butylbenzene

Concen: 0.013 ppbv

RT: 12.293 min Scan# 3771

Delta R.T. -0.006 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

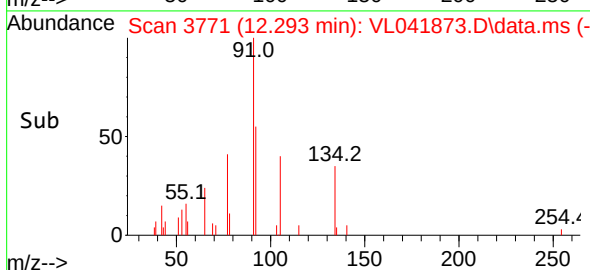
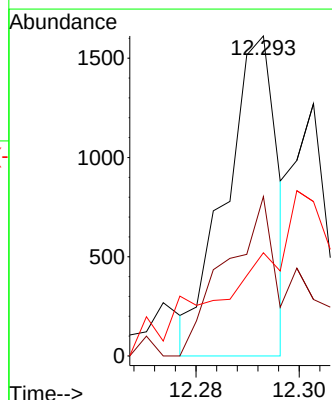
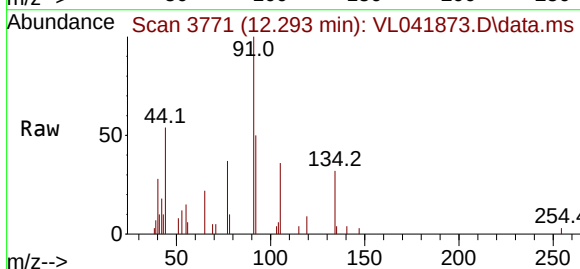
Tgt Ion: 91 Resp: 1120

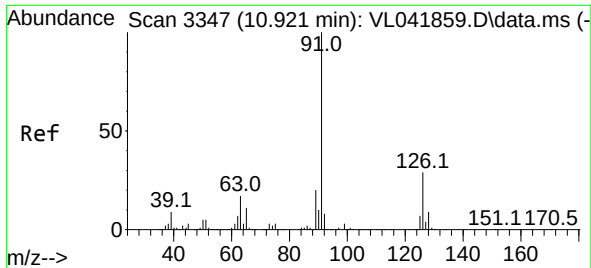
Ion Ratio Lower Upper

91 100

92 67.5 43.8 65.8#

134 0.0 19.3 28.9#

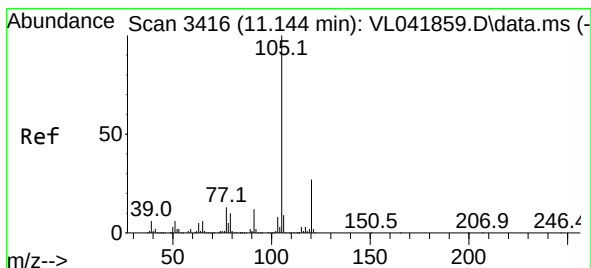
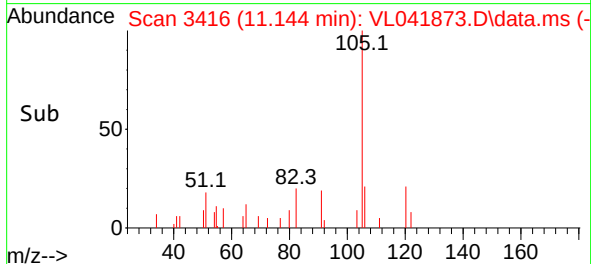
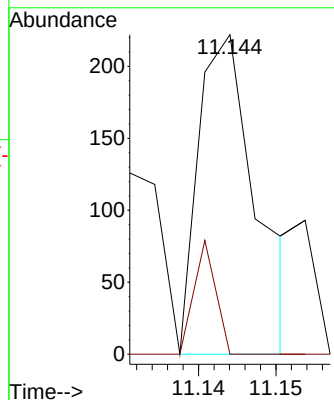
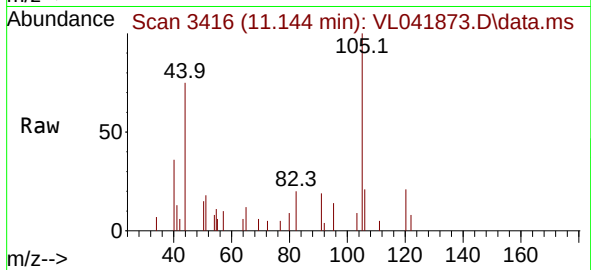




#71
2-Chlorotoluene
Concen: 0.002 ppbv
RT: 11.144 min Scan# 3416
Delta R.T. 0.223 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

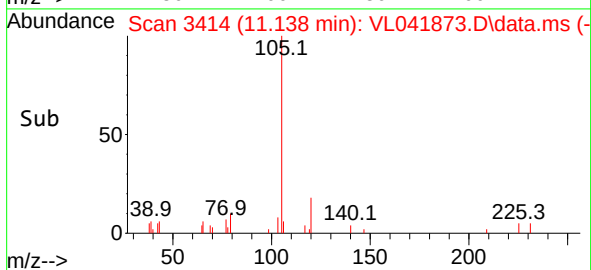
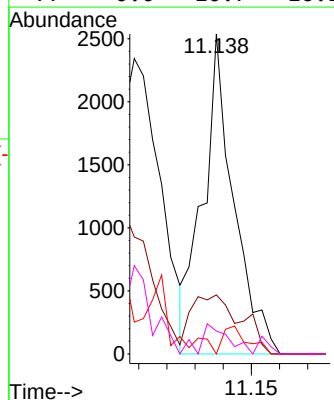
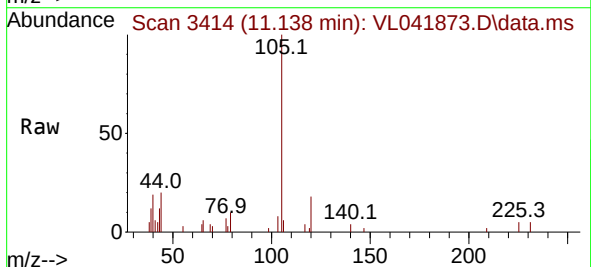
Instrument :
MSVOA_L
ClientSampleId :

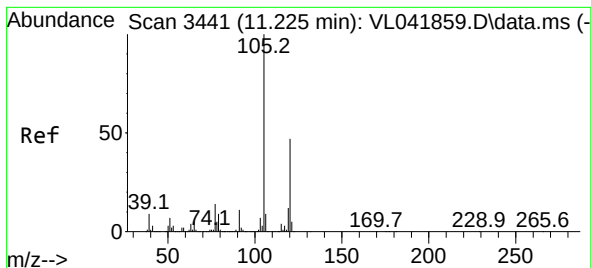
Tgt Ion: 91 Resp: 115
Ion Ratio Lower Upper
91 100
126 13.0 11.6 46.6



#72
4-Ethyltoluene
Concen: 0.030 ppbv
RT: 11.138 min Scan# 3414
Delta R.T. -0.006 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

Tgt Ion: 105 Resp: 1929
Ion Ratio Lower Upper
105 100
120 0.0 23.5 35.3#
91 8.1 9.8 14.8#
77 0.0 10.7 16.1#





#73

1,3,5-Trimethylbenzene

Concen: 0.034 ppbv

RT: 11.219 min Scan# 3441

Delta R.T. -0.006 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

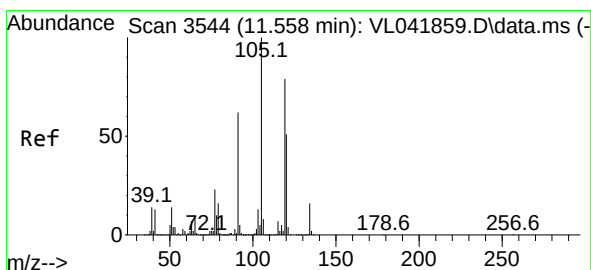
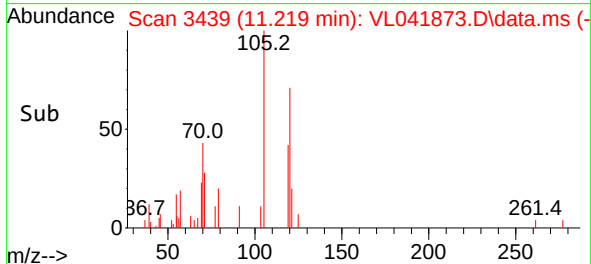
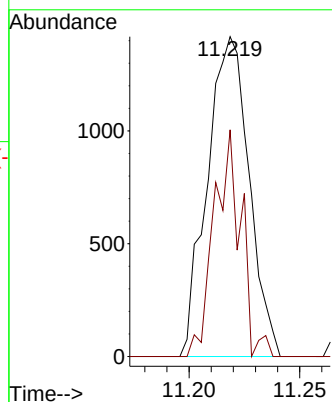
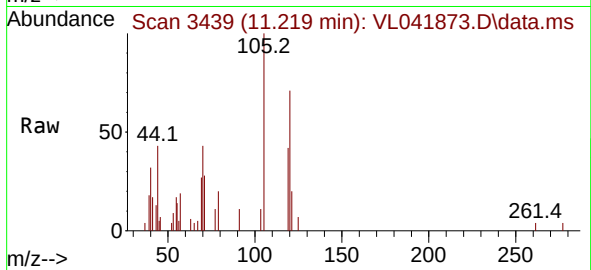
ClientSampleId :

Tgt Ion:105 Resp: 1863

Ion Ratio Lower Upper

105 100

120 70.9 37.2 55.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.109 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. -0.010 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Tgt Ion:105 Resp: 6458

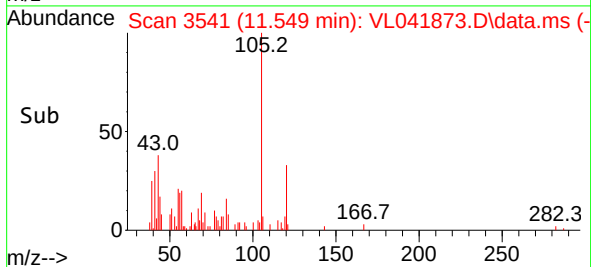
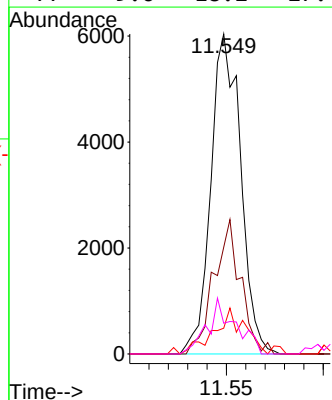
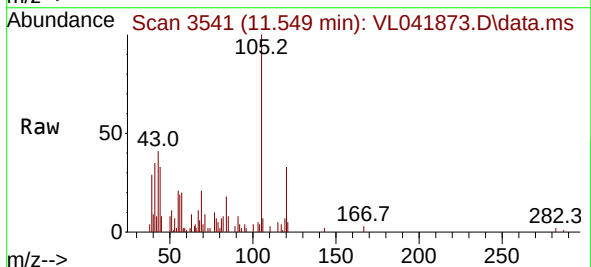
Ion Ratio Lower Upper

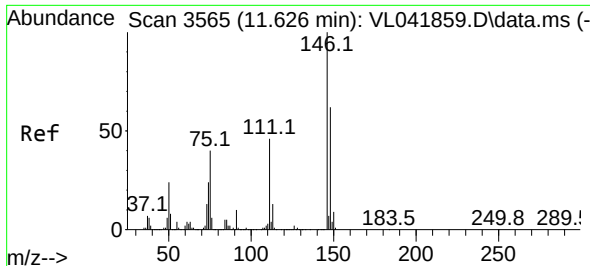
105 100

120 33.4 41.1 61.7#

91 8.0 50.0 75.0#

77 9.6 18.2 27.4#

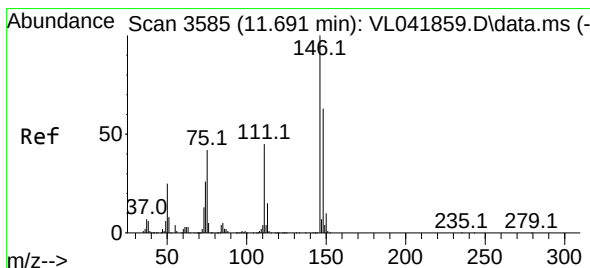
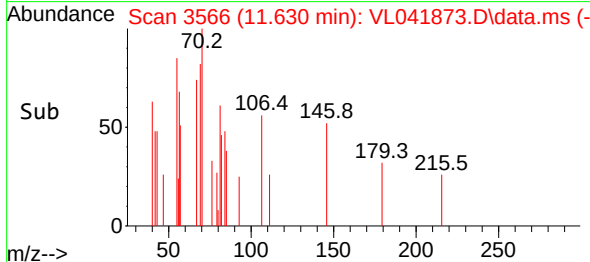
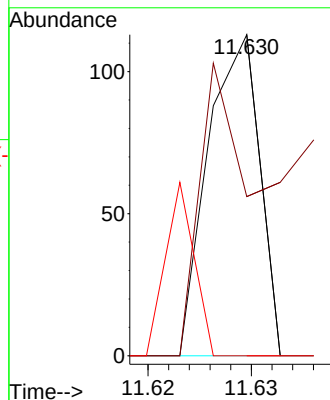
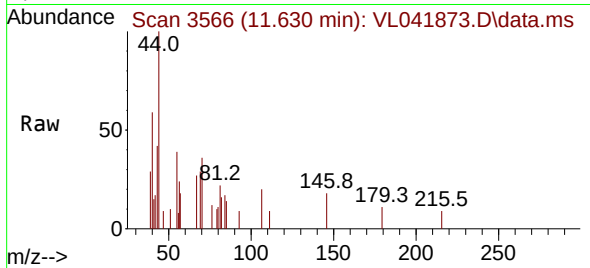




#75
1,3-Dichlorobenzene
Concen: 0.001 ppbv
RT: 11.630 min Scan# 3566
Delta R.T. 0.003 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

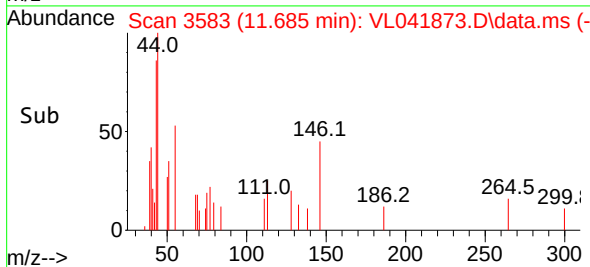
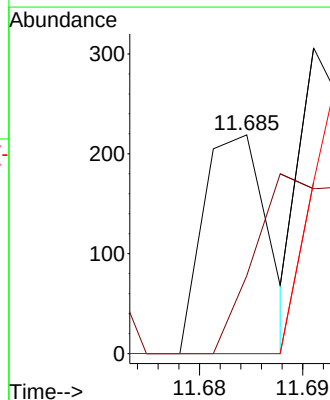
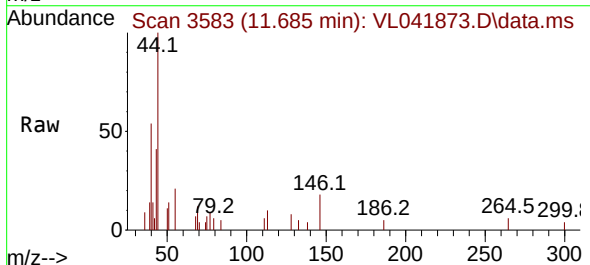
Instrument :
MSVOA_L
ClientSampleId :

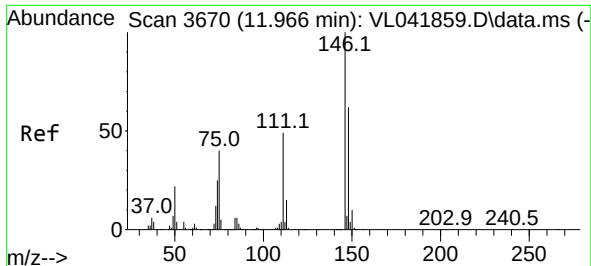
Tgt Ion:146 Resp: 39
Ion Ratio Lower Upper
146 100
111 235.9 23.2 69.5#
148 30.8 31.6 94.7#



#76
1,4-Dichlorobenzene
Concen: 0.003 ppbv
RT: 11.685 min Scan# 3583
Delta R.T. -0.006 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

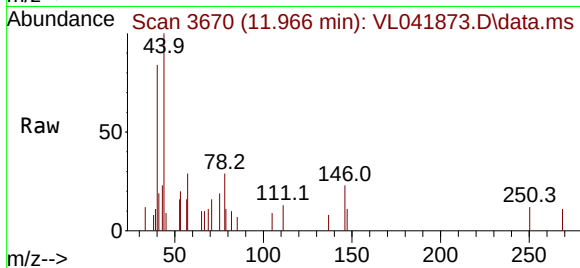
Tgt Ion:146 Resp: 96
Ion Ratio Lower Upper
146 100
111 0.0 22.1 66.1#
148 0.0 31.2 93.6#



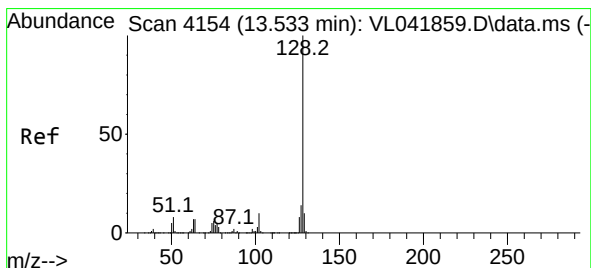
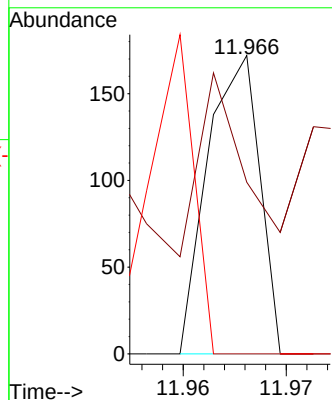
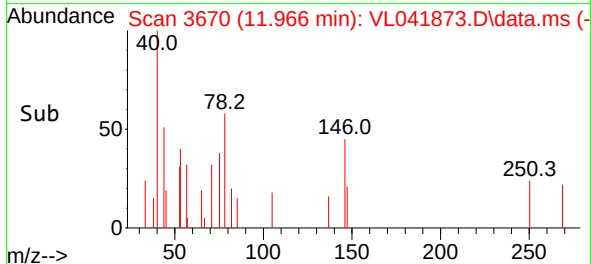


#77
1,2-Dichlorobenzene
Concen: 0.002 ppbv
RT: 11.966 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10

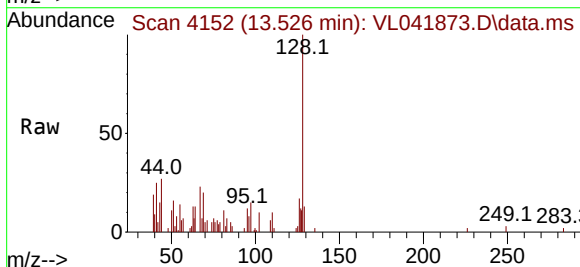
Instrument :
MSVOA_L
ClientSampleId :



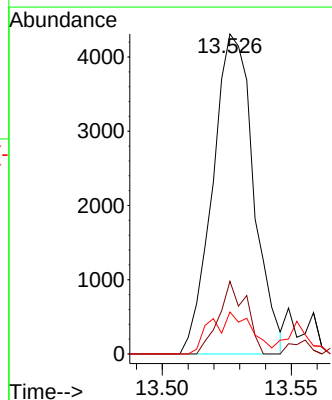
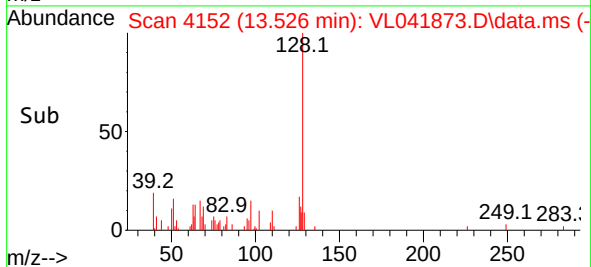
Tgt Ion:146 Resp: 60
Ion Ratio Lower Upper
146 100
111 270.0 24.1 72.3#
148 0.0 31.5 94.5#

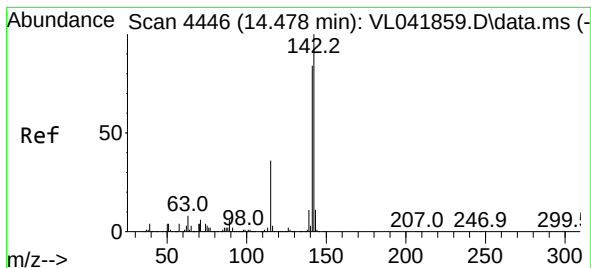


#79
Naphthalene
Concen: 0.075 ppbv
RT: 13.526 min Scan# 4152
Delta R.T. -0.007 min
Lab File: VL041873.D
Acq: 09 Jan 2025 19:10



Tgt Ion:128 Resp: 4760
Ion Ratio Lower Upper
128 100
127 22.7 10.8 16.2#
129 13.1 8.2 12.4#





#80

Naphthalene, 2-methyl-

Concen: 0.084 ppbv

RT: 14.471 min Scan# 4446

Delta R.T. -0.007 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

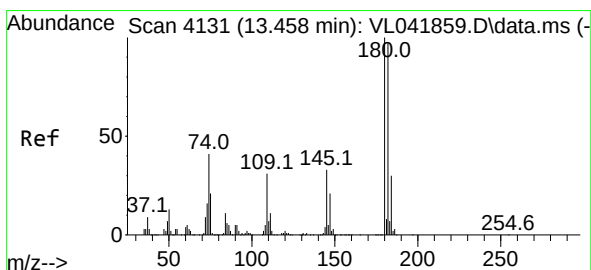
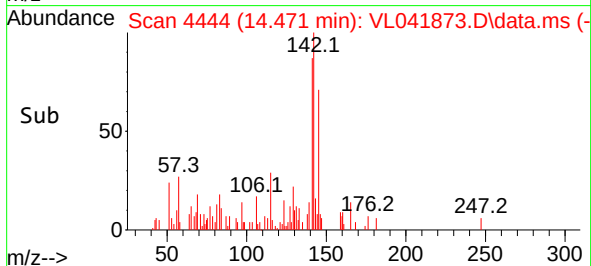
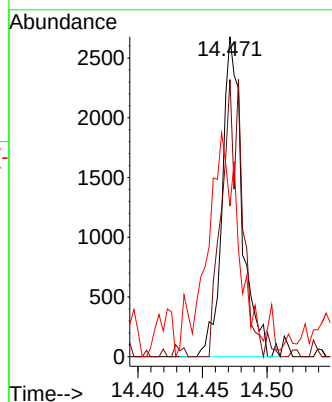
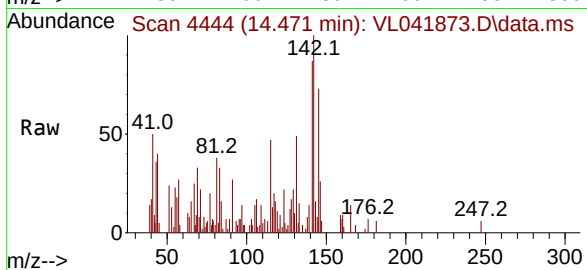
Tgt Ion:142 Resp: 2898

Ion Ratio Lower Upper

142 100

141 94.1 68.2 102.4

115 106.0 29.4 44.2#



#81

1,2,4-Trichlorobenzene

Concen: 0.008 ppbv

RT: 13.449 min Scan# 4128

Delta R.T. -0.010 min

Lab File: VL041873.D

Acq: 09 Jan 2025 19:10

Tgt Ion:180 Resp: 231

Ion Ratio Lower Upper

180 100

182 0.0 75.8 113.8#

184 37.2 24.1 36.1#

