

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
 Data File : VL041944.D
 Acq On : 27 Jan 2025 10:05
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 28 02:32:47 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

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

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	149075	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	415161	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	364534	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.387 95 290387 10.114 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	213119	10.496	ppbv	98
3) Chlorodifluoromethane	1.479	51	227003	10.671	ppbv	100
4) Chloromethane	1.534	50	82387	10.788	ppbv	98
5) Vinyl Chloride	1.583	62	78132	10.101	ppbv	97
6) Bromomethane	1.670	94	37894	10.279	ppbv	98
7) Chloroethane	1.706	64	33025	10.973	ppbv	97
8) Dichlorotetrafluoroethane	1.557	85	184435	10.393	ppbv	98
9) Propene	1.486	41	90955	10.380	ppbv	95
10) Heptane	4.994	43	258967	11.056	ppbv	98
11) Trichlorofluoromethane	1.881	101	205801	9.743	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.146	101	170817	10.318	ppbv	99
13) Ethanol	1.725	45	4415	6.878	ppbv	94
14) Bromoethene	1.787	108	58083	9.583	ppbv	96
15) Acetone	1.839	43	169478	9.465	ppbv	99
16) 1,3-Butadiene	1.612	39	84348	10.496	ppbv	100
17) tert-Butyl alcohol	2.046	59	207930	9.435	ppbv	98
18) 1,1-Dichloroethene	2.039	96	75629	10.136	ppbv	99
19) Isopropyl Alcohol	1.890	45	96486	9.088	ppbv	95
20) Methylene Chloride	2.065	84	64225	9.076	ppbv	98
21) Allyl Chloride	2.101	41	129597	10.453	ppbv	98
22) trans-1,2-Dichloroethene	2.347	96	87196	10.355	ppbv	97
23) Vinyl Acetate	2.470	43	73473	8.278	ppbv #	95
24) 1,1-Dichloroethane	2.415	63	168681	10.356	ppbv	99
25) Ethyl Acetate	2.845	43	533237	11.044	ppbv	99
26) Hexane	2.832	57	211315	11.066	ppbv	97
27) Carbon Disulfide	2.156	76	205971	10.900	ppbv	97
28) Methyl tert-Butyl Ether	2.447	73	111584	7.645	ppbv	100
29) Chloroform	2.858	83	326439	10.814	ppbv	99
30) Cyclohexane	3.871	84	176628	10.664	ppbv	100
31) cis-1,2-Dichloroethene	2.729	61	205197	10.205	ppbv	93
32) 1,1,1-Trichloroethane	3.379	97	312255	10.810	ppbv	99
34) 2-Butanone	2.564	43	303997	11.514	ppbv	99
35) Carbon Tetrachloride	3.774	117	316836	12.150	ppbv	99
36) Benzene	3.667	78	432961	11.370	ppbv	97
37) 1,2-Dichloroethane	3.227	62	240456	11.244	ppbv	99
38) Trichloroethene	4.564	130	167416	11.079	ppbv	97
39) 1,2-Dichloropropane	4.324	63	148143	11.091	ppbv	98
40) 1,4-Dioxane	4.596	88	69928	10.367	ppbv #	99
41) Tetrahydrofuran	3.065	42	170732	11.899	ppbv	99
42) Bromodichloromethane	4.502	83	334591	11.669	ppbv	96
43) Methyl Methacrylate	4.897	69	156013	11.029	ppbv	98
44) 2,2,4-Trimethylpentane	4.655	57	717998	11.658	ppbv	99
45) t-1,3-Dichloropropene	6.435	75	147450	11.136	ppbv	99

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Quant Time: Jan 28 02:32:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

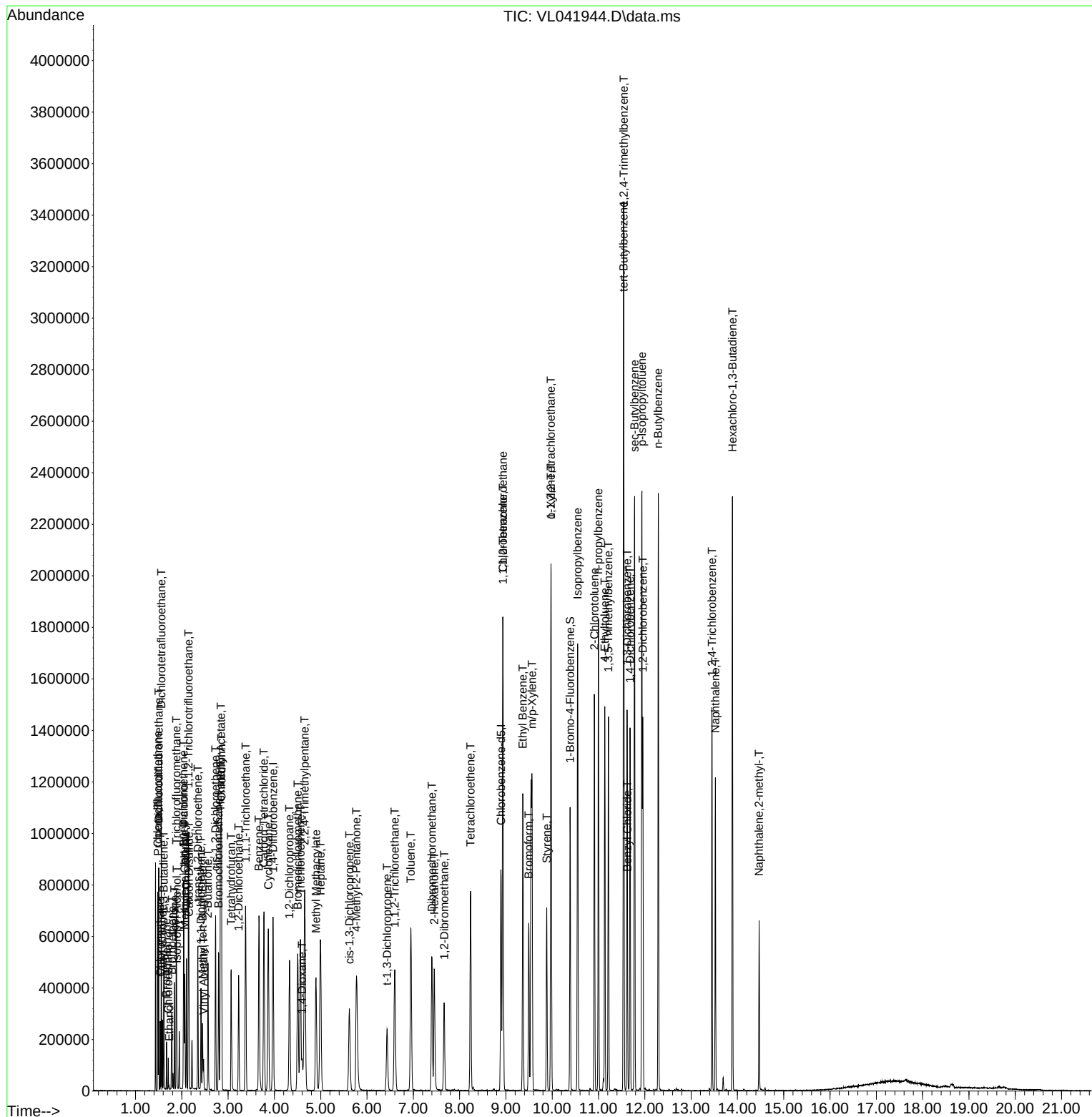
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.619	75	202424	11.644	ppbv	99
47) 1,1,2-Trichloroethane	6.597	97	164305	11.606	ppbv	97
48) Dibromochloromethane	7.399	129	262942	12.038	ppbv	100
49) Bromoform	9.493	173	216634	12.074	ppbv	99
50) 4-Methyl-2-Pentanone	5.771	43	410655	11.394	ppbv	100
51) 2-Hexanone	7.451	43	319063	11.521	ppbv #	98
52) Tetrachloroethene	8.238	164	137364	10.404	ppbv	98
53) Toluene	6.946	91	475146	11.456	ppbv	99
54) 1,2-Dibromoethane	7.668	107	224086	11.514	ppbv	94
56) 1,1,1,2-Tetrachloroethane	8.937	131	211703	11.640	ppbv	99
57) Chlorobenzene	8.933	112	376929	11.210	ppbv	97
58) Ethyl Benzene	9.364	91	655579	11.507	ppbv	99
59) m/p-Xylene	9.561	91	520154	11.391	ppbv #	25
60) o-Xylene	9.972	91	536013	11.826	ppbv	99
61) Styrene	9.882	104	240993	11.853	ppbv	100
62) Isopropylbenzene	10.548	105	806301	11.496	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.972	83	339396	11.718	ppbv	99
64) n-propylbenzene	10.998	120	209670	11.831	ppbv	98
65) tert-Butylbenzene	11.542	119	733219	11.472	ppbv	100
66) Benzyl Chloride	11.626	91	42157	10.656	ppbv	97
67) sec-Butylbenzene	11.778	105	1007276	11.445	ppbv	100
69) p-Isopropyltoluene	11.937	119	838003	11.563	ppbv	99
70) n-Butylbenzene	12.290	91	822628	11.445	ppbv	100
71) 2-Chlorotoluene	10.911	91	593791	11.445	ppbv	100
72) 4-Ethyltoluene	11.134	105	639849	11.802	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	552715	11.544	ppbv	94
74) 1,2,4-Trimethylbenzene	11.545	105	595508	11.485	ppbv	96
75) 1,3-Dichlorobenzene	11.617	146	342543	11.149	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	337079	11.213	ppbv	99
77) 1,2-Dichlorobenzene	11.956	146	339752	11.157	ppbv	99
78) Hexachloro-1,3-Butadiene	13.892	225	238004	9.523	ppbv	99
79) Naphthalene	13.523	128	531745	10.186	ppbv	99
80) Naphthalene,2-methyl-	14.468	142	172526	6.970	ppbv	99
81) 1,2,4-Trichlorobenzene	13.452	180	242148	9.503	ppbv	99

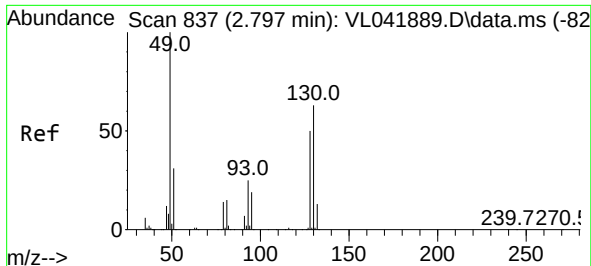
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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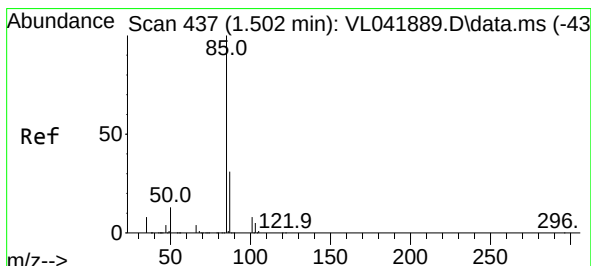
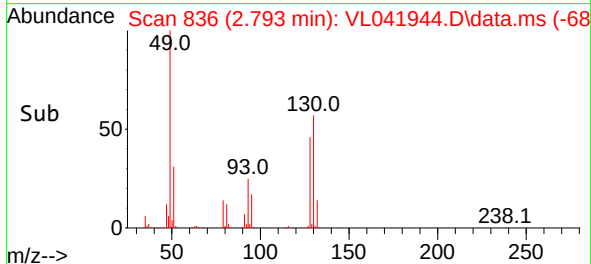
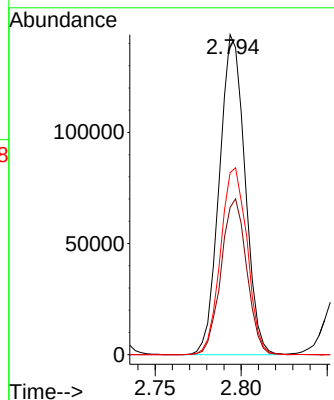
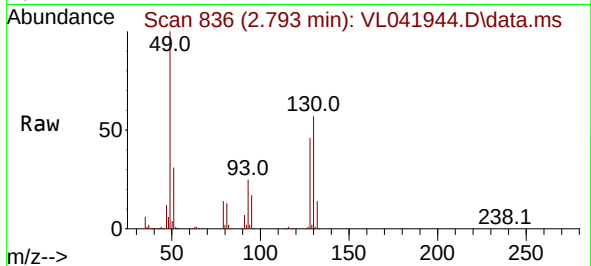




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.793 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

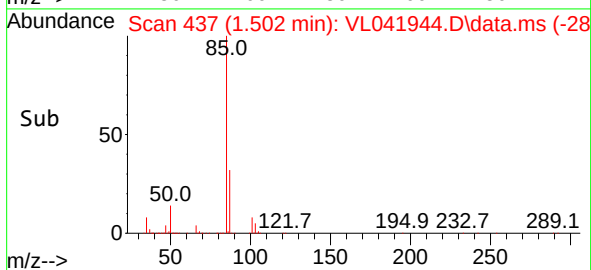
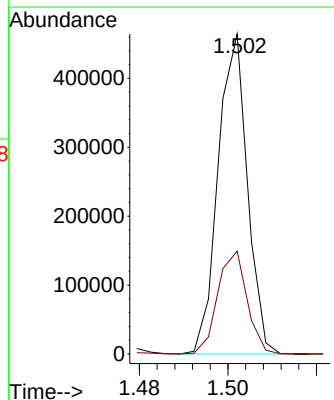
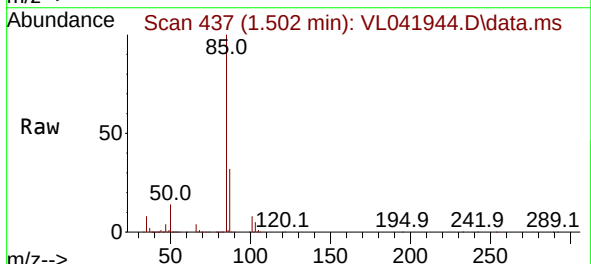
Instrument :
 MSVOA_L
 ClientSampleId :

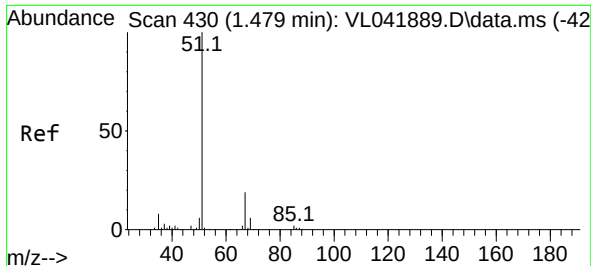
Tgt Ion: 49 Resp: 149075
 Ion Ratio Lower Upper
 49 100
 128 48.8 24.3 73.0
 130 60.3 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 10.496 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. 0.000 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

Tgt Ion: 85 Resp: 213119
 Ion Ratio Lower Upper
 85 100
 87 32.1 24.9 37.3





#3

Chlorodifluoromethane

Concen: 10.671 ppbv

RT: 1.479 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

Instrument :

MSVOA_L

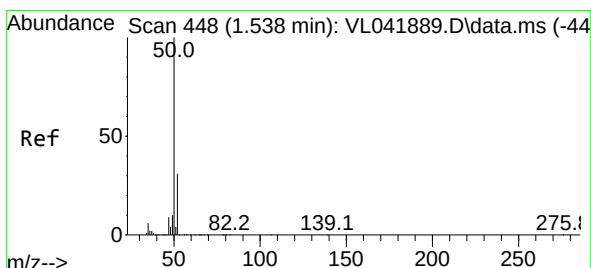
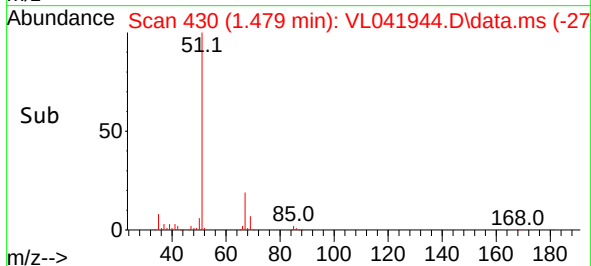
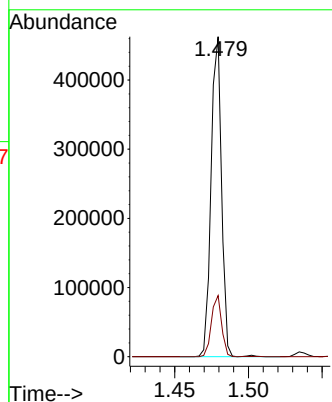
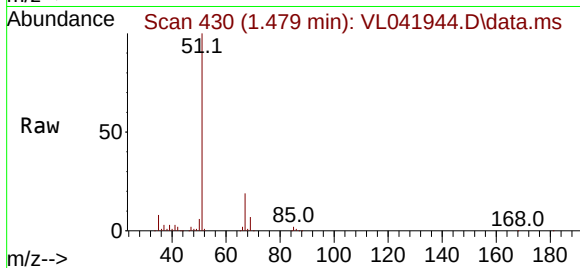
ClientSampleId :

Tgt Ion: 51 Resp: 227003

Ion Ratio Lower Upper

51 100

67 18.8 15.0 22.4



#4

Chloromethane

Concen: 10.788 ppbv

RT: 1.534 min Scan# 447

Delta R.T. -0.003 min

Lab File: VL041944.D

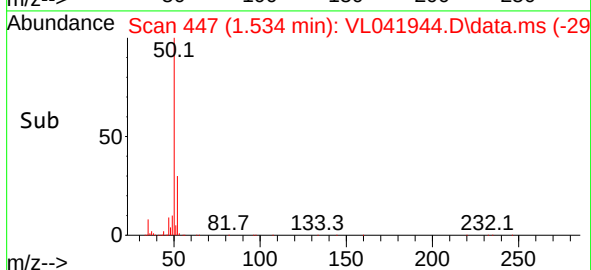
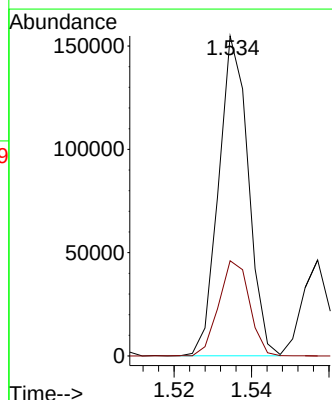
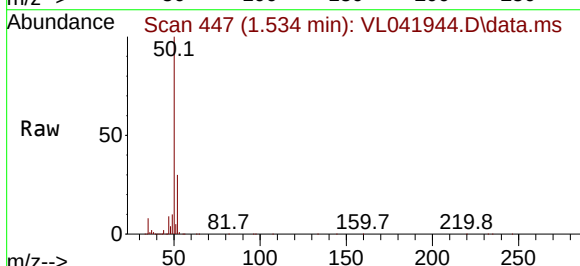
Acq: 27 Jan 2025 10:05

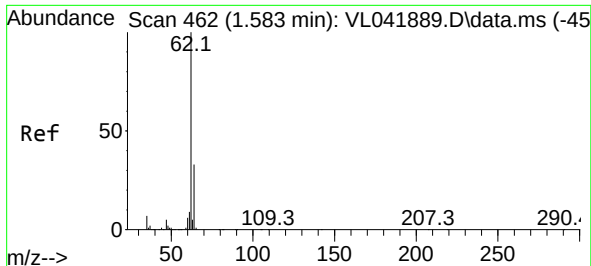
Tgt Ion: 50 Resp: 82387

Ion Ratio Lower Upper

50 100

52 29.6 24.6 36.8

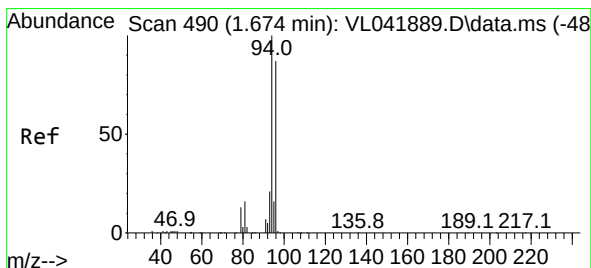
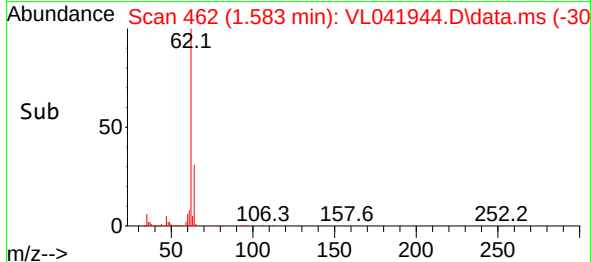
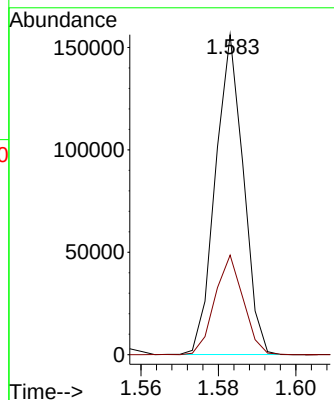
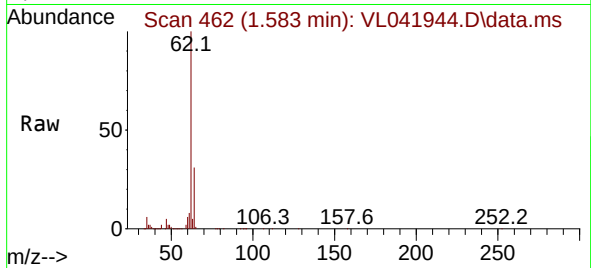




#5
 Vinyl Chloride
 Concen: 10.101 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

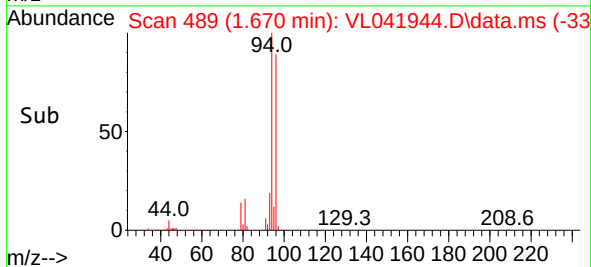
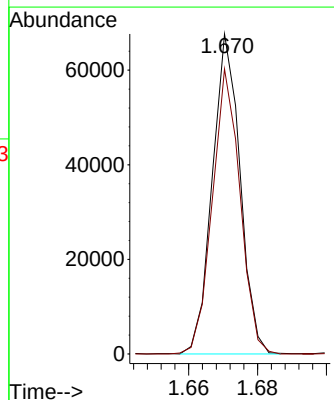
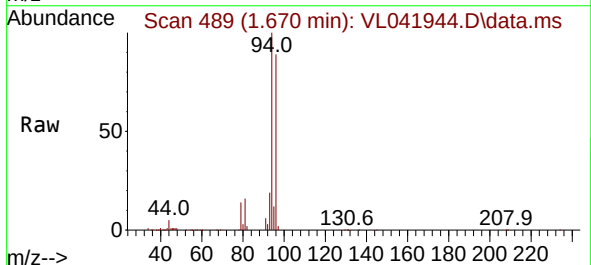
Instrument :
 MSVOA_L
 ClientSampleId :

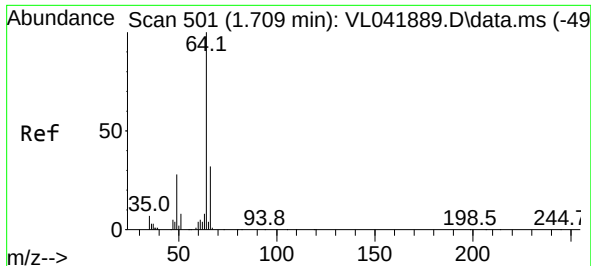
Tgt Ion: 62 Resp: 78132
 Ion Ratio Lower Upper
 62 100
 64 31.1 26.1 39.1



#6
 Bromomethane
 Concen: 10.279 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

Tgt Ion: 94 Resp: 37894
 Ion Ratio Lower Upper
 94 100
 96 89.0 69.5 104.3

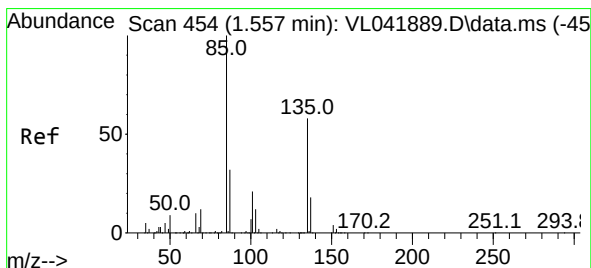
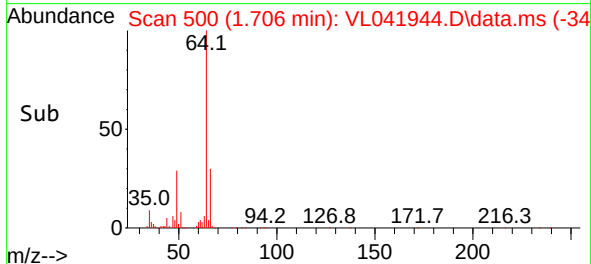
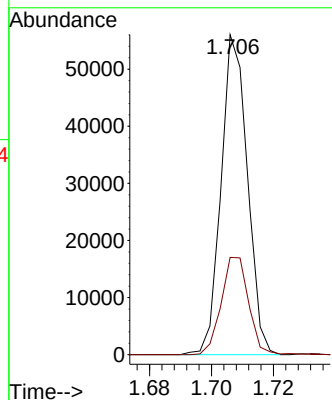
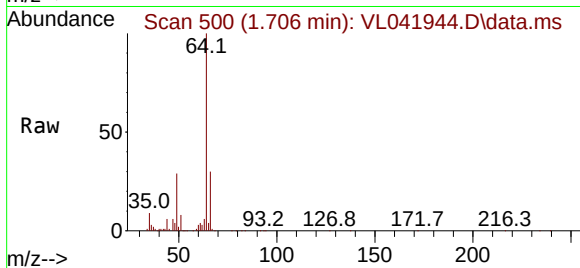




#7
Chloroethane
Concen: 10.973 ppbv
RT: 1.706 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

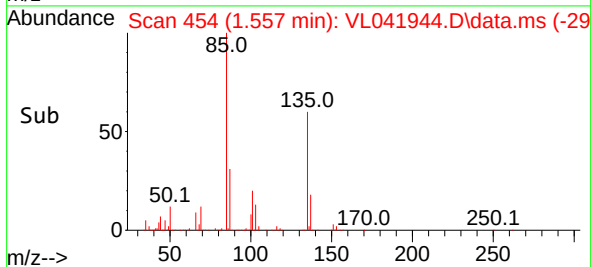
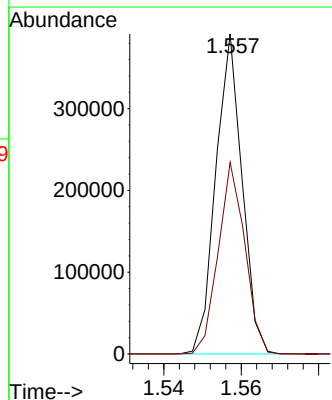
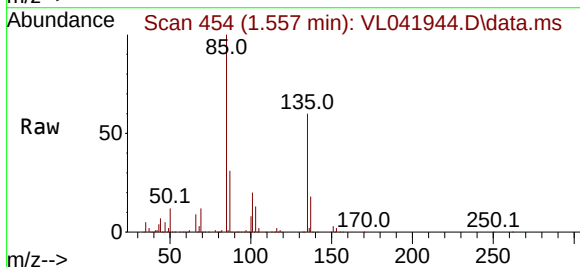
Instrument :
MSVOA_L
ClientSampleId :

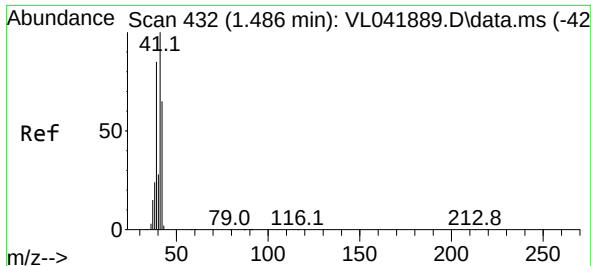
Tgt Ion: 64 Resp: 33025
Ion Ratio Lower Upper
64 100
66 30.4 25.7 38.5



#8
Dichlorotetrafluoroethane
Concen: 10.393 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion: 85 Resp: 184435
Ion Ratio Lower Upper
85 100
135 60.8 50.0 75.0





#9

Propene

Concen: 10.380 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

Instrument :

MSVOA_L

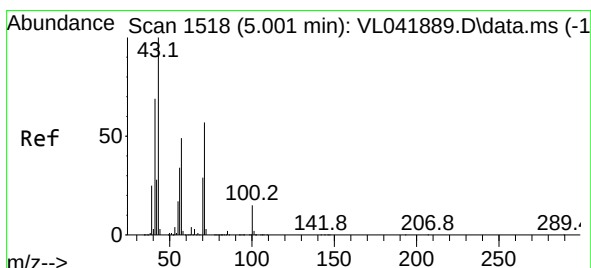
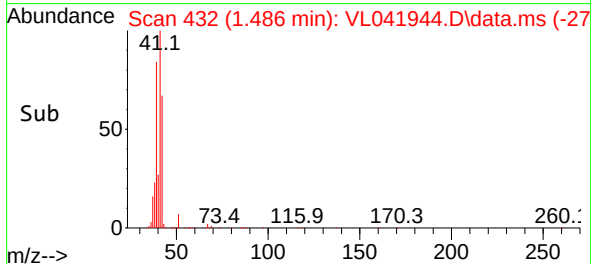
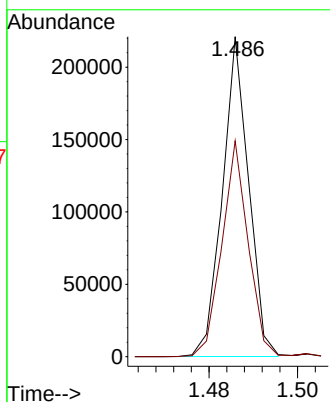
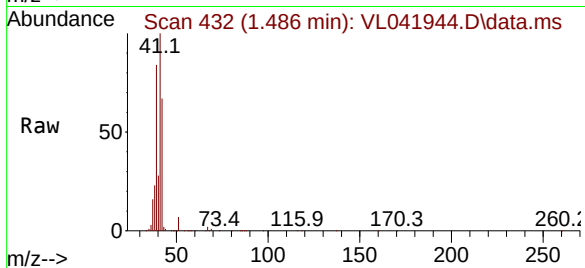
ClientSampleId :

Tgt Ion: 41 Resp: 90955

Ion Ratio Lower Upper

41 100

42 68.6 52.0 78.0



#10

Heptane

Concen: 11.056 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VL041944.D

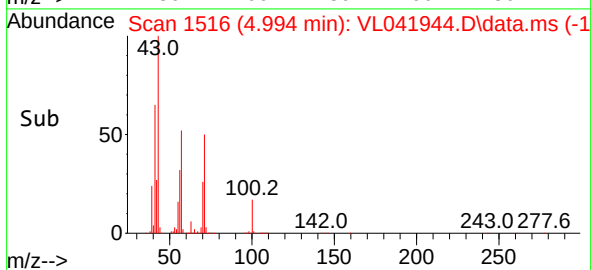
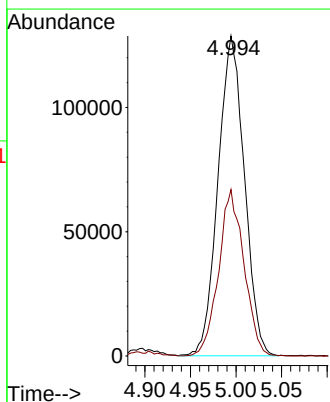
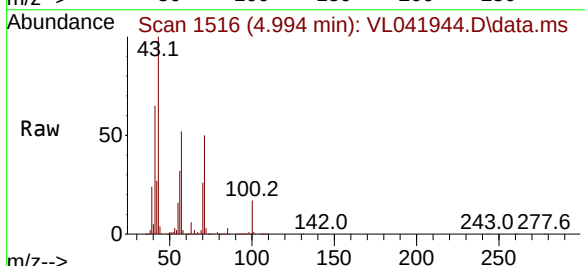
Acq: 27 Jan 2025 10:05

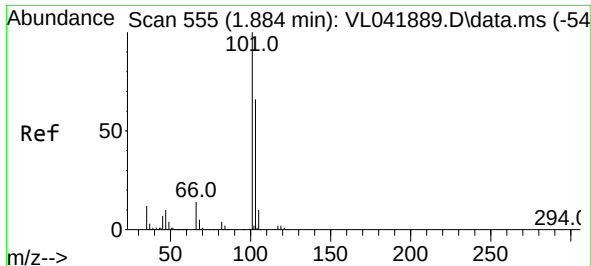
Tgt Ion: 43 Resp: 258967

Ion Ratio Lower Upper

43 100

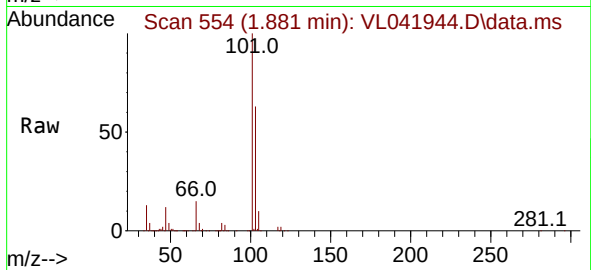
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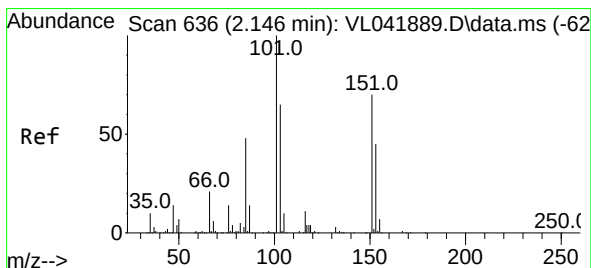
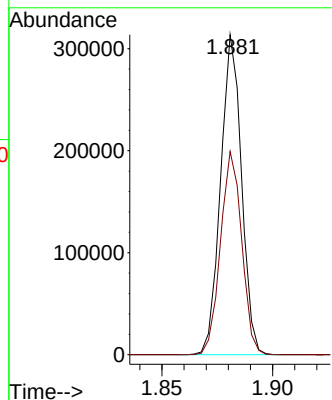
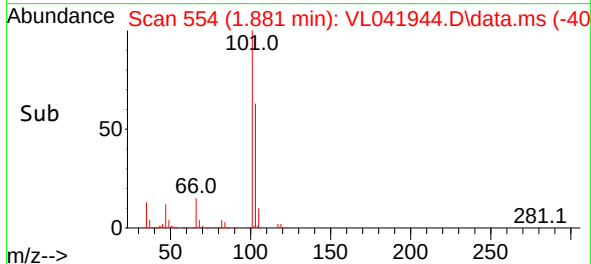


#11
 Trichlorofluoromethane
 Concen: 9.743 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

Instrument :
 MSVOA_L
 ClientSampleId :

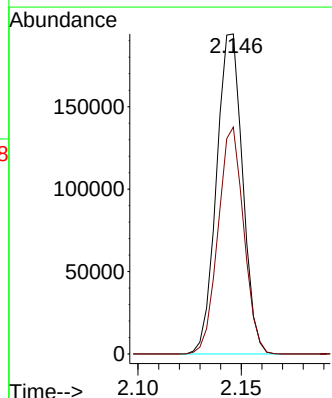
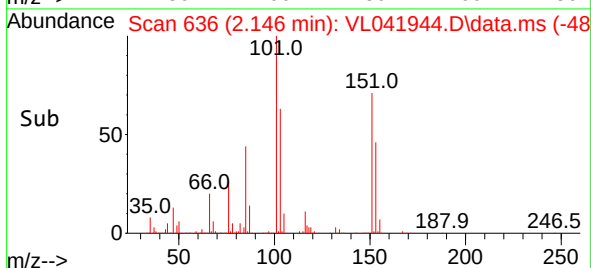
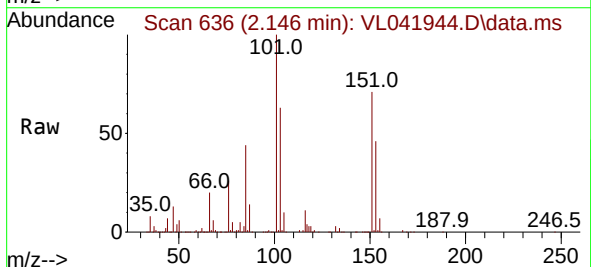


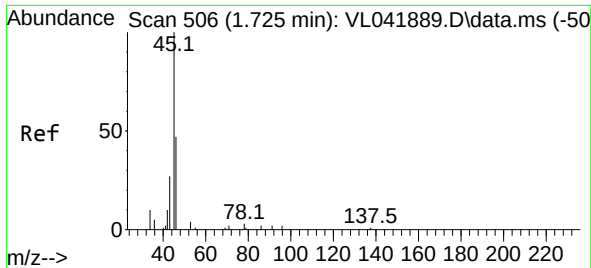
Tgt Ion:101 Resp: 205801
 Ion Ratio Lower Upper
 101 100
 103 63.5 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.318 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.000 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

Tgt Ion:101 Resp: 170817
 Ion Ratio Lower Upper
 101 100
 151 69.5 56.1 84.1

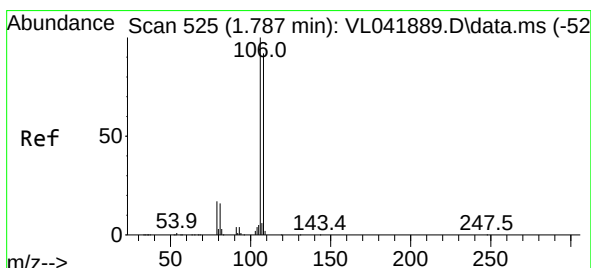
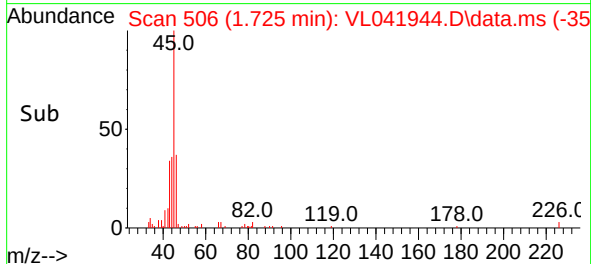
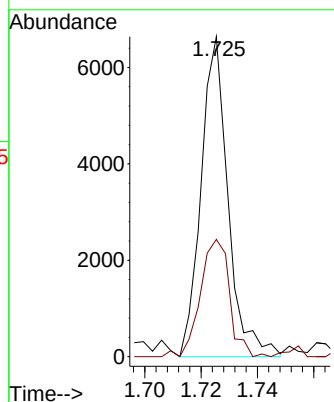
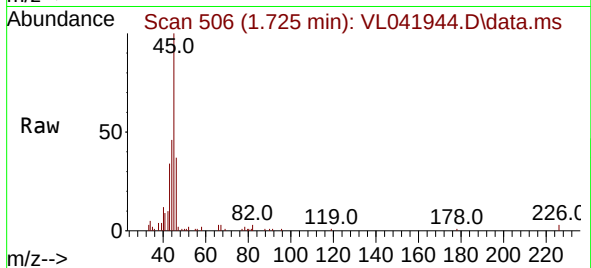




#13
 Ethanol
 Concen: 6.878 ppbv
 RT: 1.725 min Scan# 506
 Delta R.T. 0.000 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

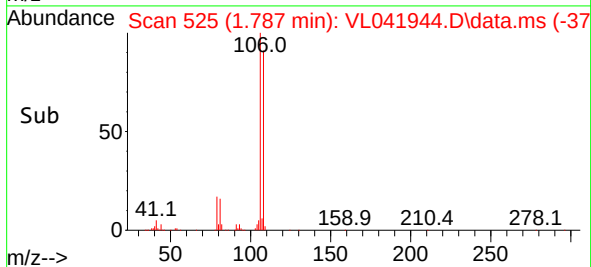
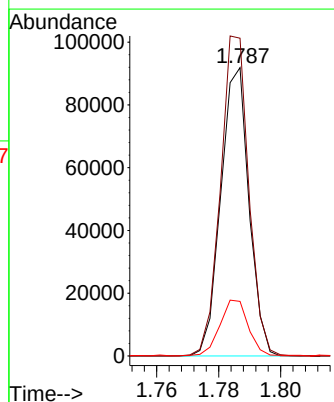
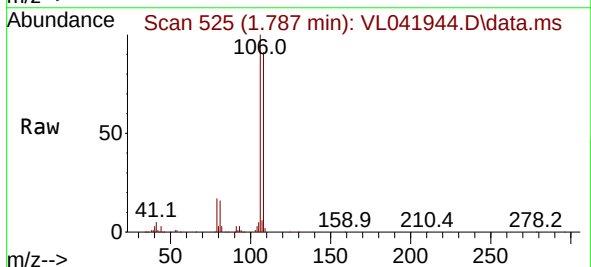
Instrument :
 MSVOA_L
 ClientSampleId :

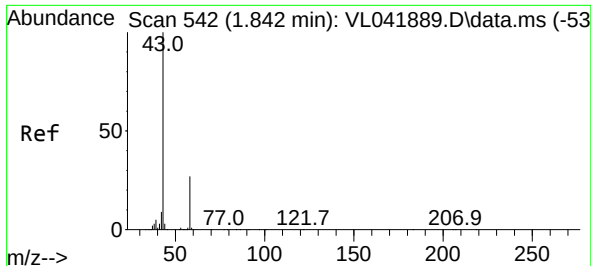
Tgt Ion: 45 Resp: 4415
 Ion Ratio Lower Upper
 45 100
 46 41.4 18.1 72.5



#14
 Bromoethene
 Concen: 9.583 ppbv
 RT: 1.787 min Scan# 525
 Delta R.T. 0.000 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

Tgt Ion: 108 Resp: 58083
 Ion Ratio Lower Upper
 108 100
 106 111.4 85.5 128.3
 79 20.2 15.3 22.9

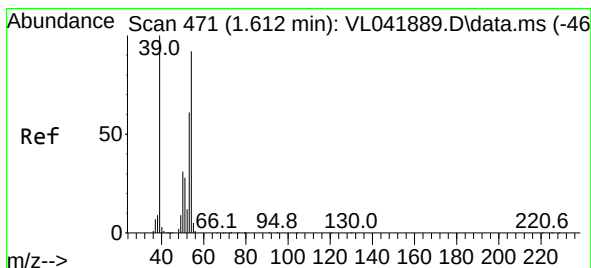
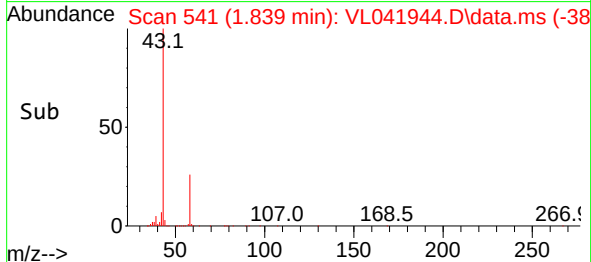
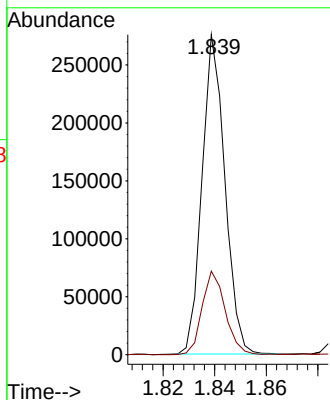
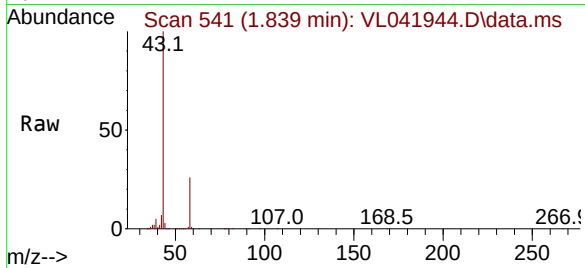




#15
Acetone
Concen: 9.465 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

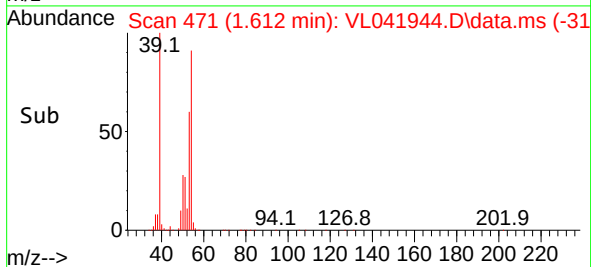
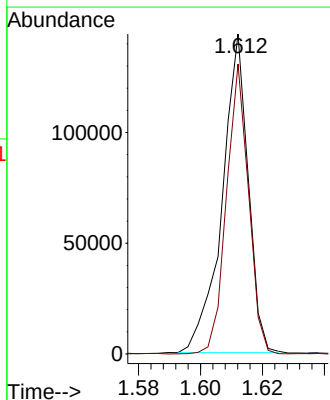
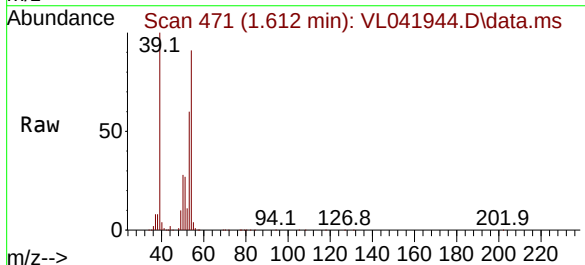
Instrument :
MSVOA_L
ClientSampleId :

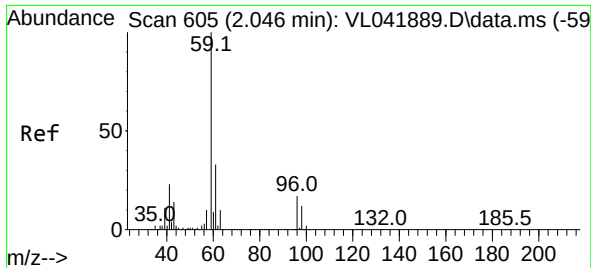
Tgt Ion: 43 Resp: 169478
Ion Ratio Lower Upper
43 100
58 26.6 21.9 32.9



#16
1,3-Butadiene
Concen: 10.496 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion: 39 Resp: 84348
Ion Ratio Lower Upper
39 100
54 76.9 61.6 92.4

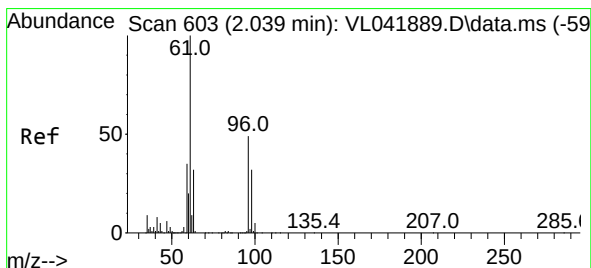
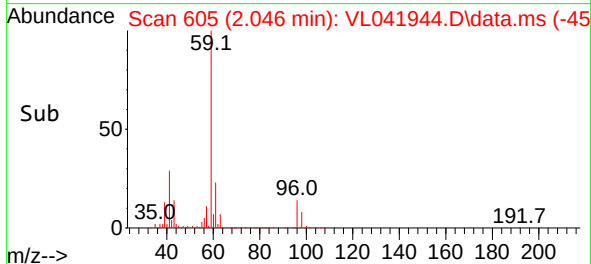
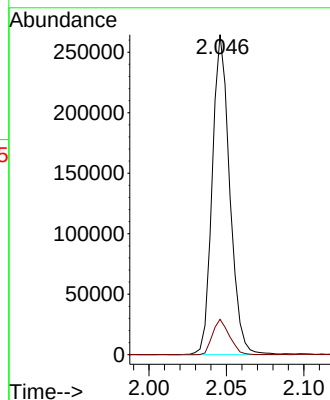
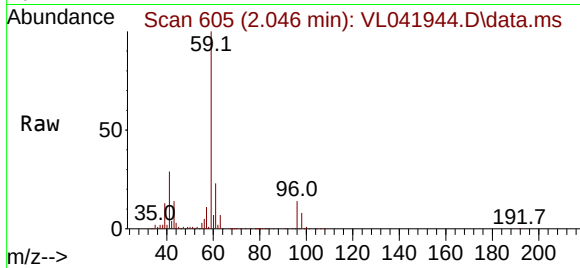




#17
tert-Butyl alcohol
Concen: 9.435 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.000 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

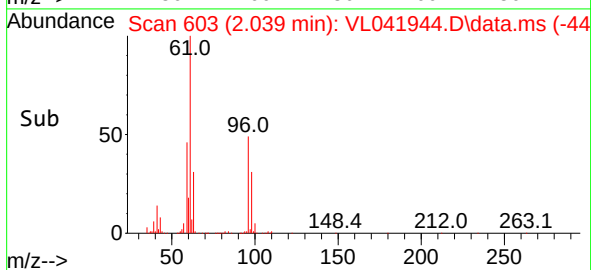
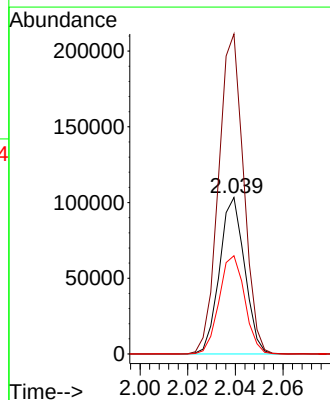
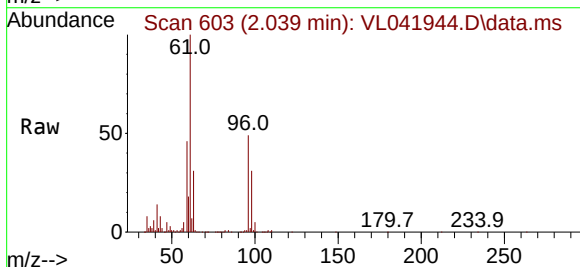
Instrument :
MSVOA_L
ClientSampleId :

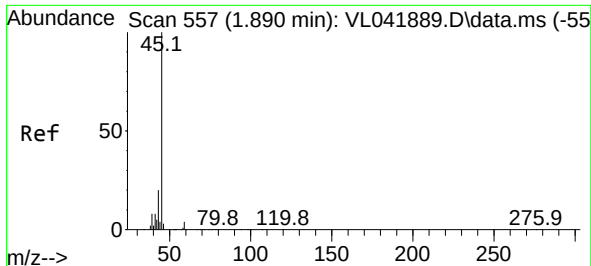
Tgt Ion: 59 Resp: 207930
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8



#18
1,1-Dichloroethene
Concen: 10.136 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.000 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion: 96 Resp: 75629
Ion Ratio Lower Upper
96 100
61 204.4 163.1 244.7
98 62.7 52.7 79.1

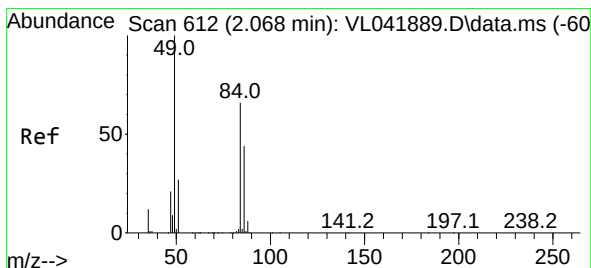
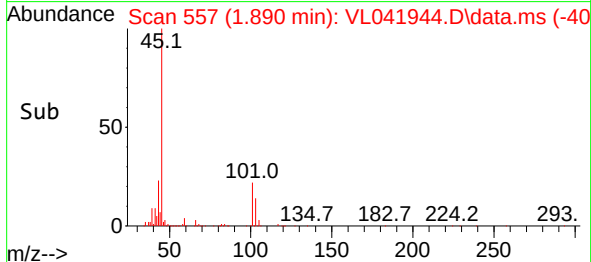
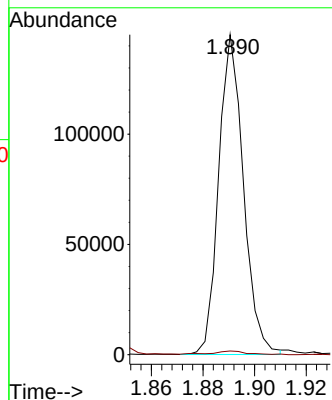
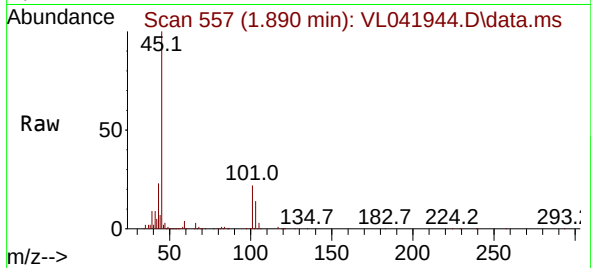




#19
Isopropyl Alcohol
Concen: 9.088 ppbv
RT: 1.890 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

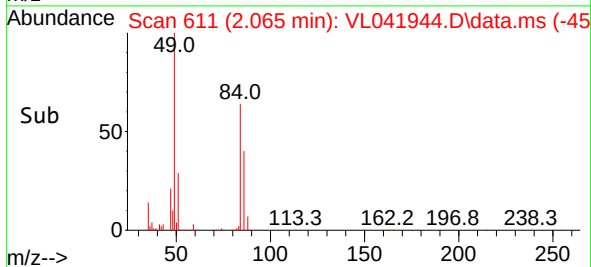
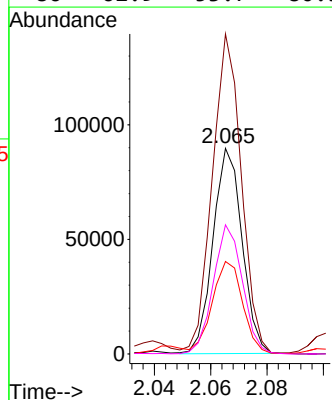
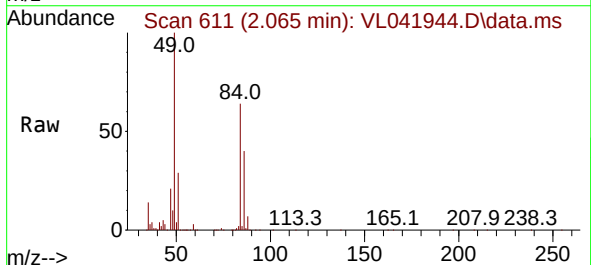
Instrument :
MSVOA_L
ClientSampleId :

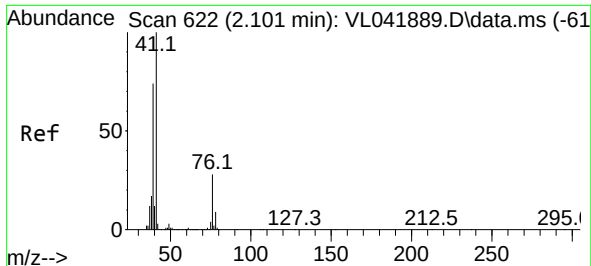
Tgt Ion: 45 Resp: 96486
Ion Ratio Lower Upper
45 100
58 46.8 35.0 52.6



#20
Methylene Chloride
Concen: 9.076 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion: 84 Resp: 64225
Ion Ratio Lower Upper
84 100
49 155.5 123.1 184.7
51 44.9 35.8 53.8
86 62.9 53.7 80.5

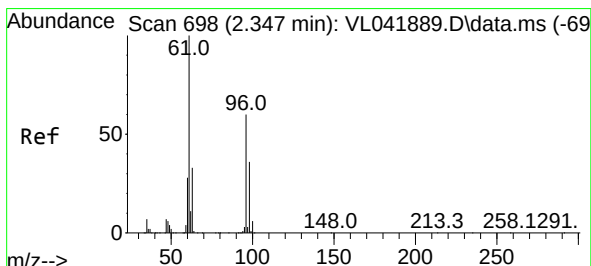
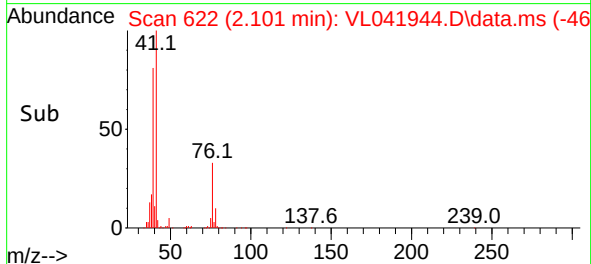
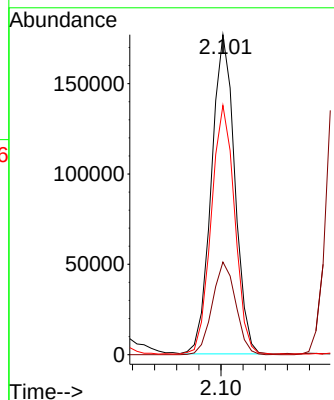
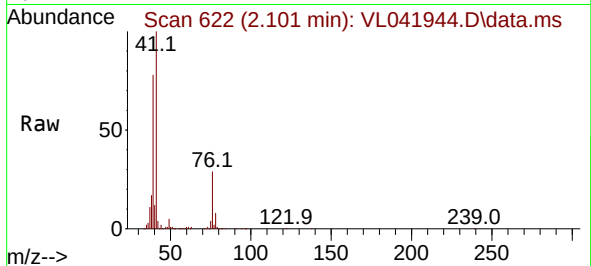




#21
 Allyl Chloride
 Concen: 10.453 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

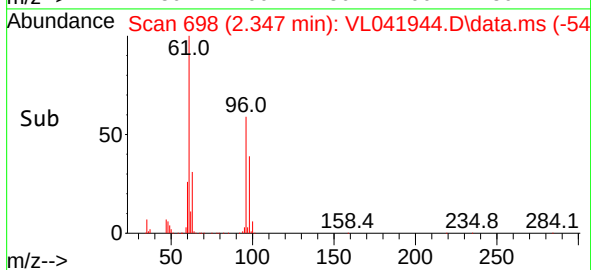
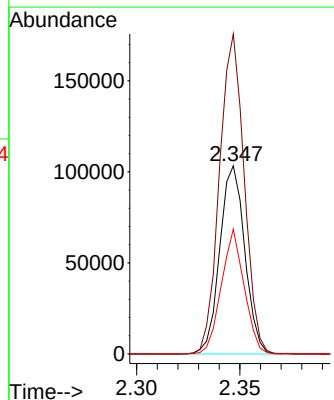
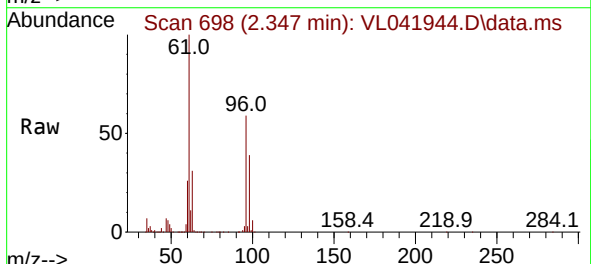
Instrument :
 MSVOA_L
 ClientSampleId :

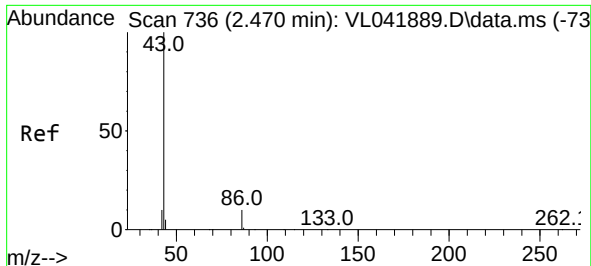
Tgt Ion: 41 Resp: 129597
 Ion Ratio Lower Upper
 41 100
 76 29.0 24.2 36.4
 39 77.9 60.6 91.0



#22
 trans-1,2-Dichloroethene
 Concen: 10.355 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

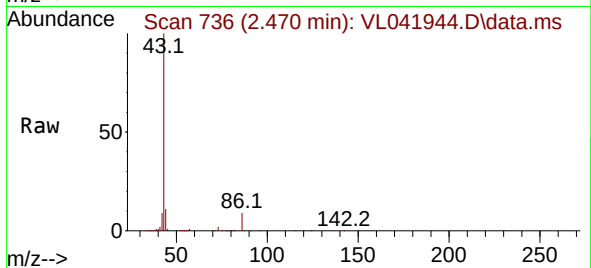
Tgt Ion: 96 Resp: 87196
 Ion Ratio Lower Upper
 96 100
 61 170.1 134.5 201.7
 98 66.4 48.9 73.3



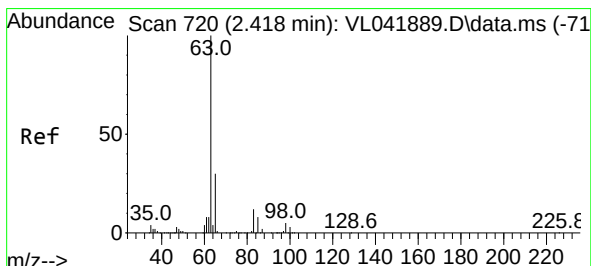
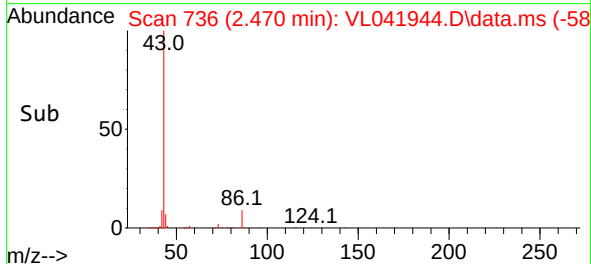
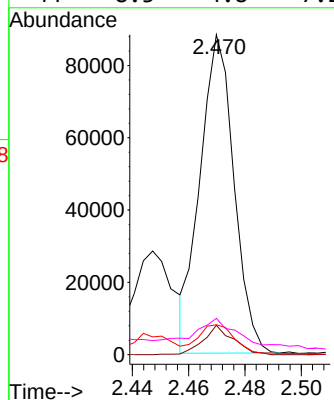


#23
 Vinyl Acetate
 Concen: 8.278 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

Instrument :
 MSVOA_1
 ClientSampleId :

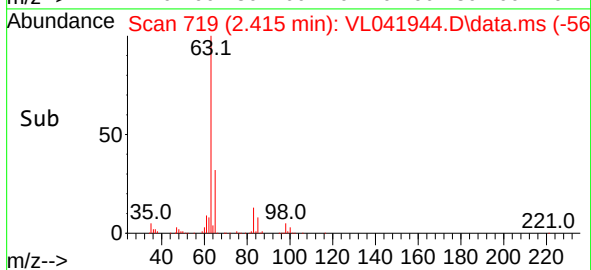
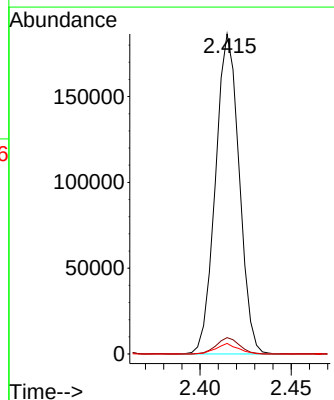
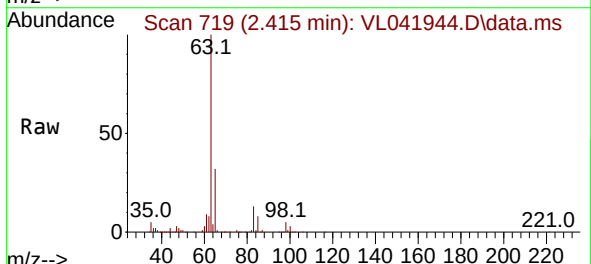


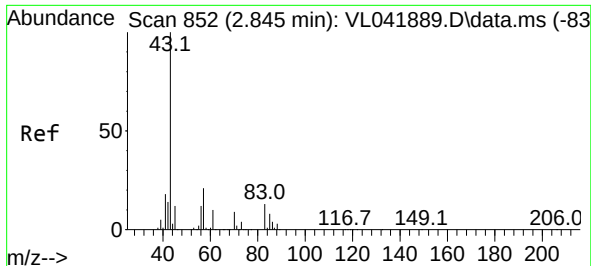
Tgt Ion:	43	Resp:	73473
Ion	Ratio	Lower	Upper
43	100		
86	9.3	6.2	9.4
42	9.1	8.5	12.7
44	8.3	4.8	7.2



#24
 1,1-Dichloroethane
 Concen: 10.356 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

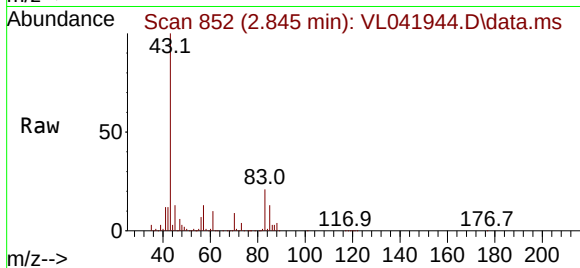
Tgt Ion:	63	Resp:	168681
Ion	Ratio	Lower	Upper
63	100		
98	5.1	2.6	7.8
100	3.3	1.4	4.2



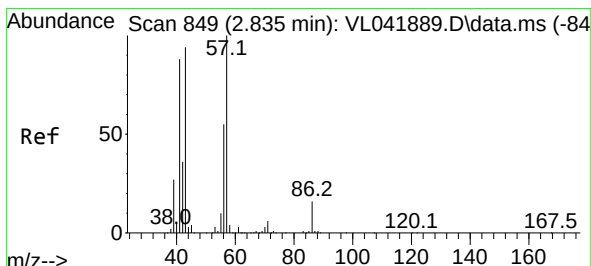
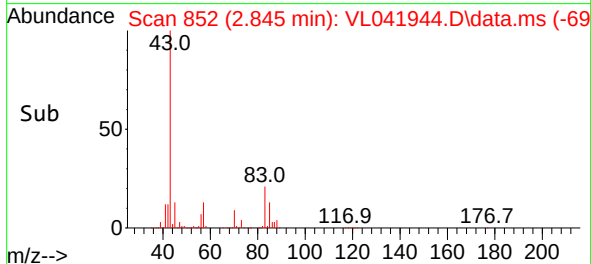
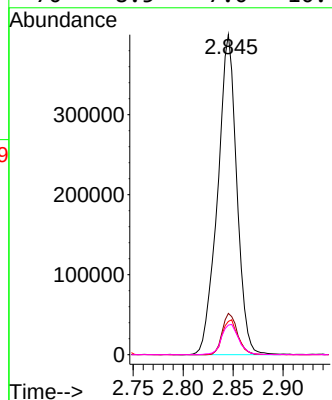


#25
Ethyl Acetate
Concen: 11.044 ppbv
RT: 2.845 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Instrument :
MSVOA_L
ClientSampleId :

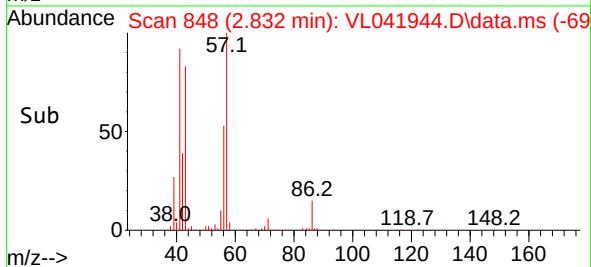
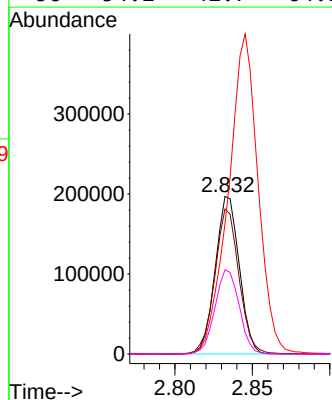
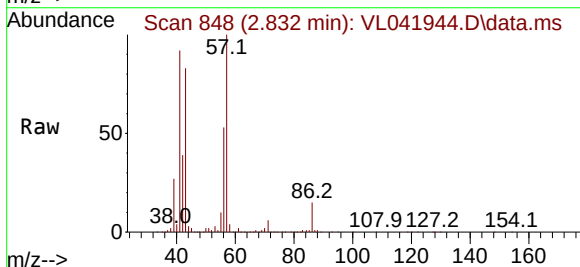


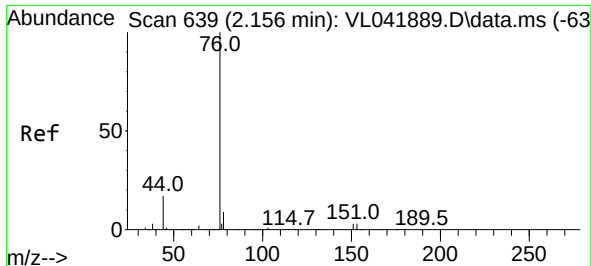
Tgt Ion: 43	Resp: 533237
Ion Ratio	Lower Upper
43 100	
45 10.4	8.2 12.2
61 9.0	7.4 11.0
70 8.5	7.0 10.4



#26
Hexane
Concen: 11.066 ppbv
RT: 2.832 min Scan# 848
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion: 57	Resp: 211315
Ion Ratio	Lower Upper
57 100	
41 93.9	73.8 110.8
43 252.6	197.3 295.9
56 54.2	42.7 64.1

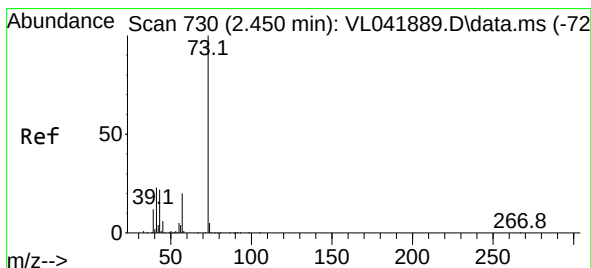
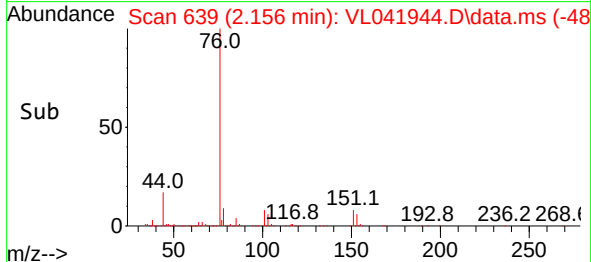
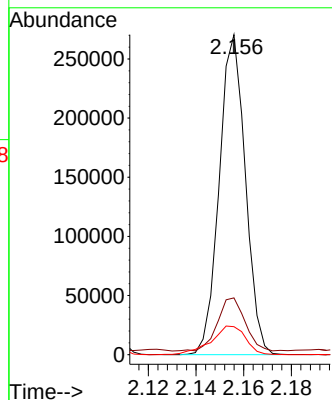
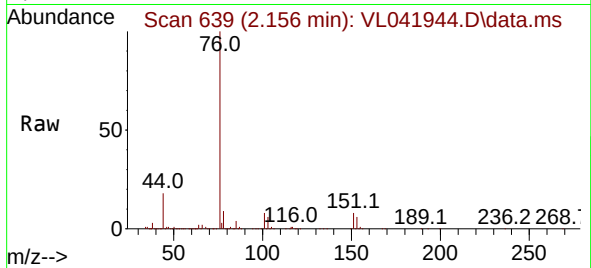




#27
Carbon Disulfide
Concen: 10.900 ppbv
RT: 2.156 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

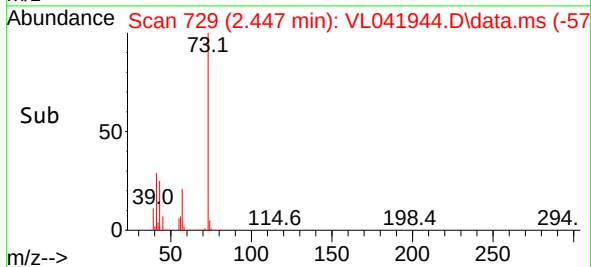
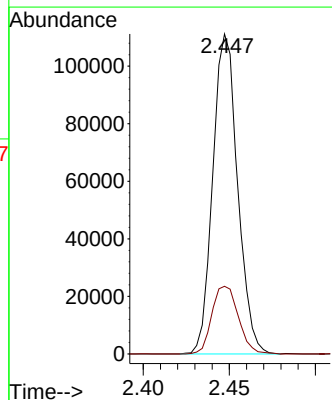
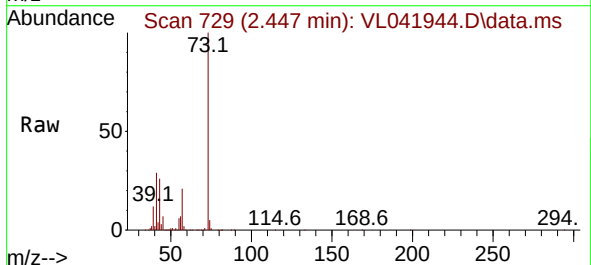
Instrument :
MSVOA_L
ClientSampleId :

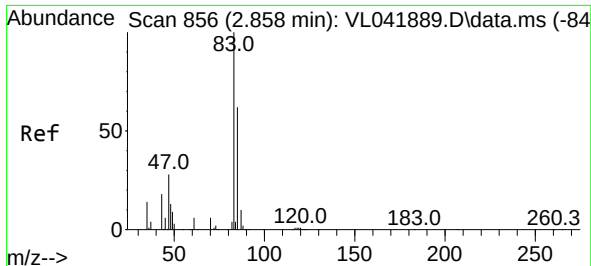
Tgt Ion: 76 Resp: 205971
Ion Ratio Lower Upper
76 100
44 17.4 15.4 23.0
78 11.8 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 7.645 ppbv
RT: 2.447 min Scan# 729
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion: 73 Resp: 111584
Ion Ratio Lower Upper
73 100
57 22.5 18.1 27.1





#29

Chloroform

Concen: 10.814 ppbv

RT: 2.858 min Scan# 856

Delta R.T. 0.000 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

Instrument :

MSVOA_L

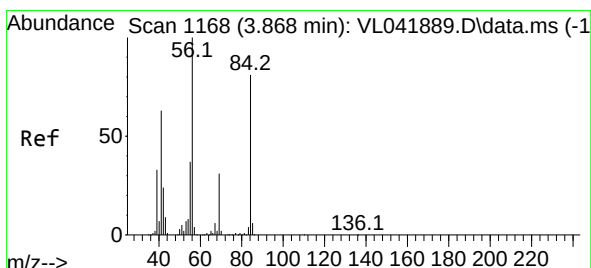
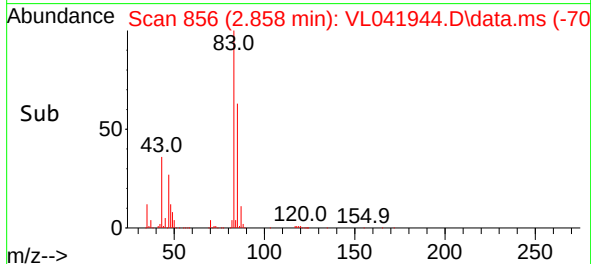
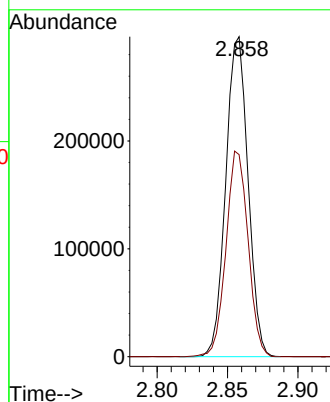
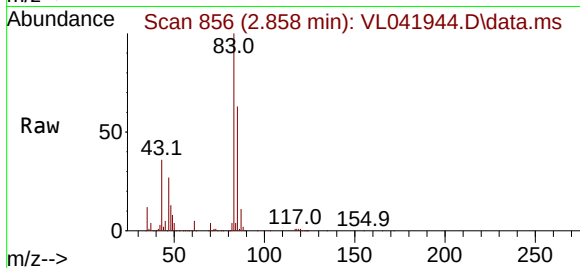
ClientSampleId :

Tgt Ion: 83 Resp: 326439

Ion Ratio Lower Upper

83 100

85 63.1 50.1 75.1



#30

Cyclohexane

Concen: 10.664 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

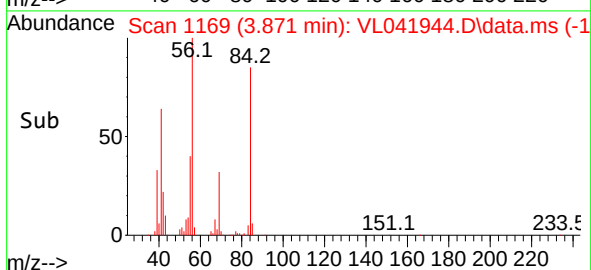
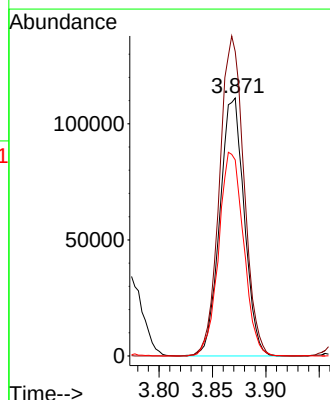
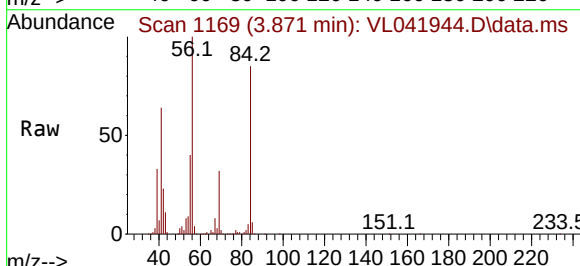
Tgt Ion: 84 Resp: 176628

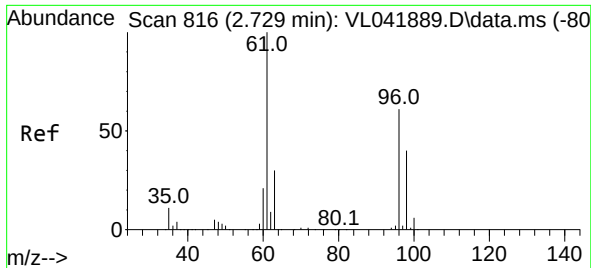
Ion Ratio Lower Upper

84 100

56 124.2 99.3 148.9

41 80.5 64.3 96.5

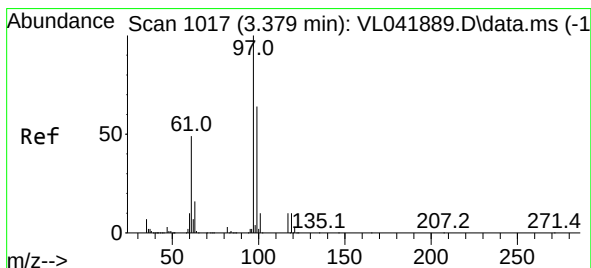
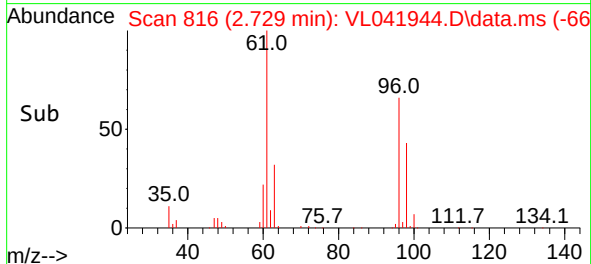
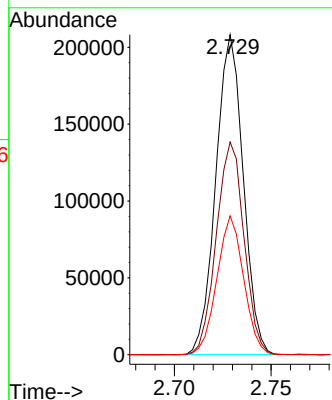
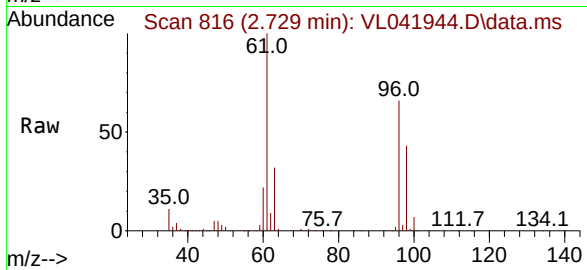




#31
 cis-1,2-Dichloroethene
 Concen: 10.205 ppbv
 RT: 2.729 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

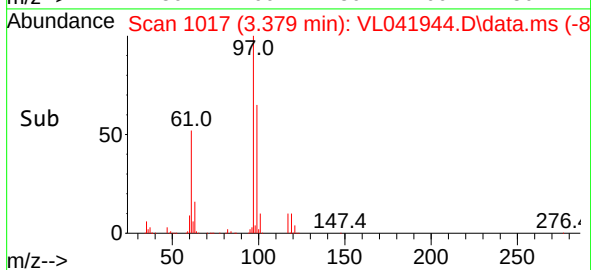
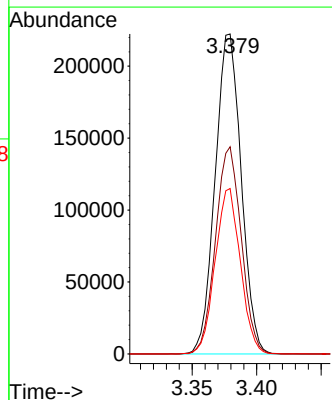
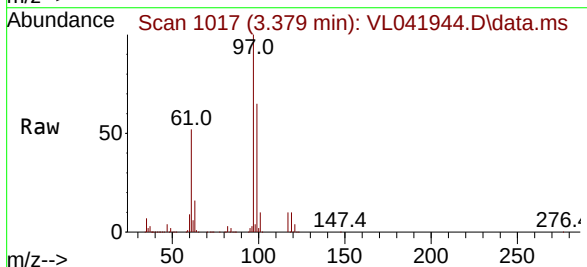
Instrument :
 MSVOA_L
 ClientSampleId :

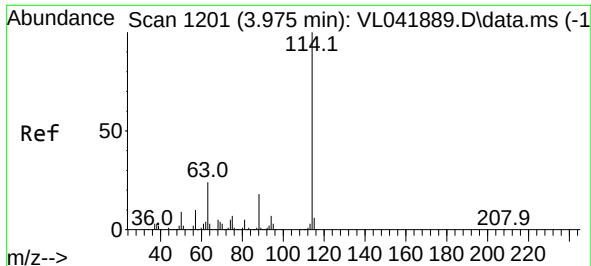
Tgt Ion: 61 Resp: 205197
 Ion Ratio Lower Upper
 61 100
 96 66.5 48.7 73.1
 98 43.4 31.6 47.4



#32
 1,1,1-Trichloroethane
 Concen: 10.810 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. 0.000 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

Tgt Ion: 97 Resp: 312255
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.1 76.7
 61 50.1 39.0 58.6

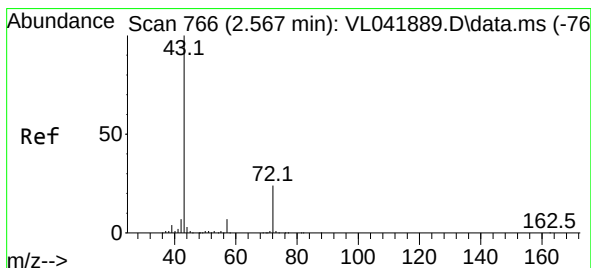
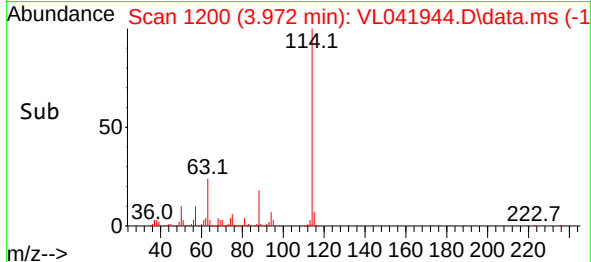
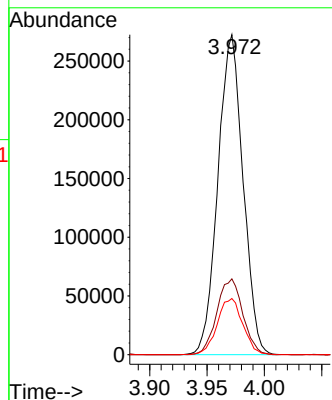
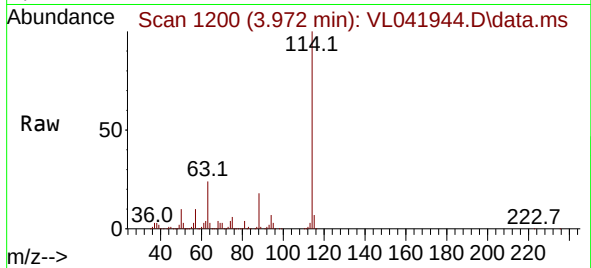




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

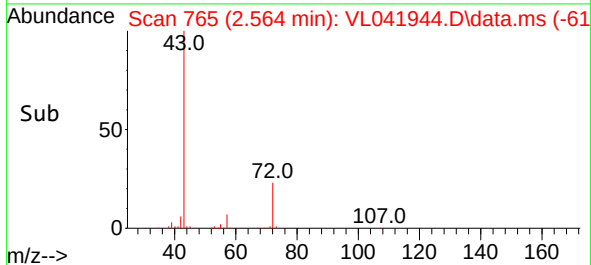
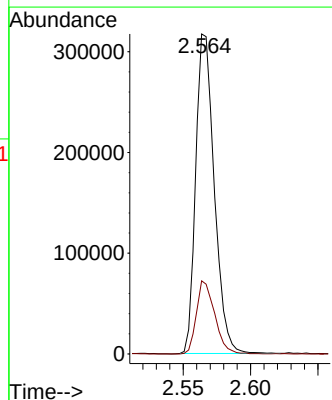
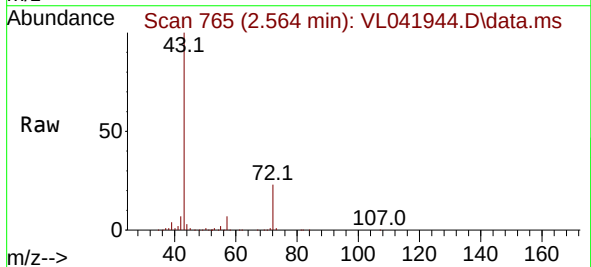
Instrument :
MSVOA_L
ClientSampleId :

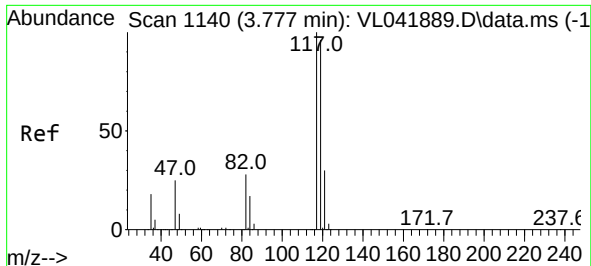
Tgt Ion:114 Resp: 415161
Ion Ratio Lower Upper
114 100
63 24.5 19.8 29.6
88 17.8 14.4 21.6



#34
2-Butanone
Concen: 11.514 ppbv
RT: 2.564 min Scan# 765
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion: 43 Resp: 303997
Ion Ratio Lower Upper
43 100
72 22.7 18.6 28.0

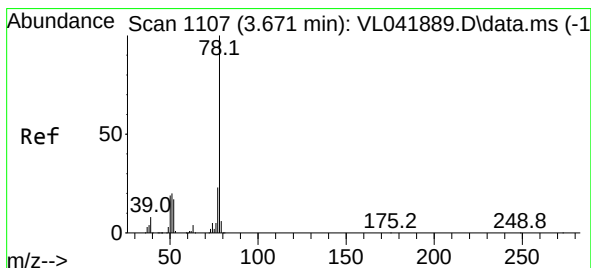
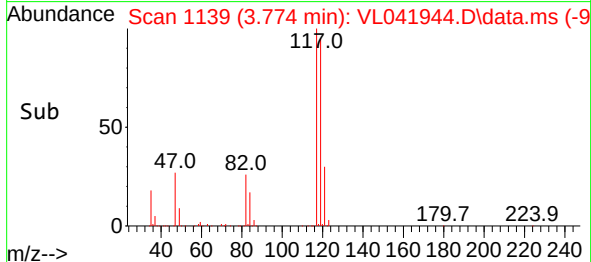
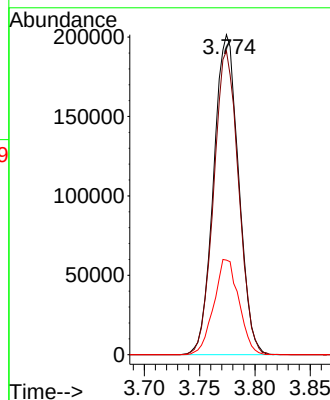
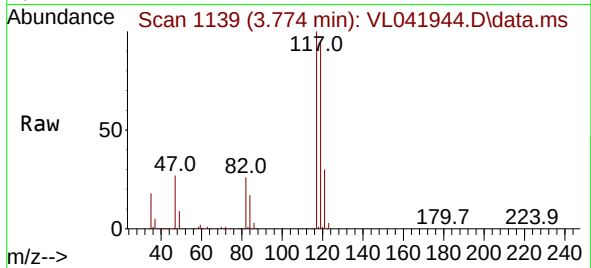




#35
Carbon Tetrachloride
Concen: 12.150 ppbv
RT: 3.774 min Scan# 1140
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

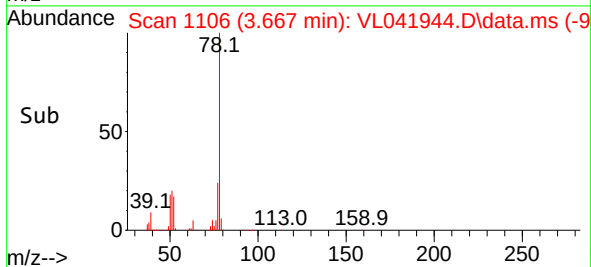
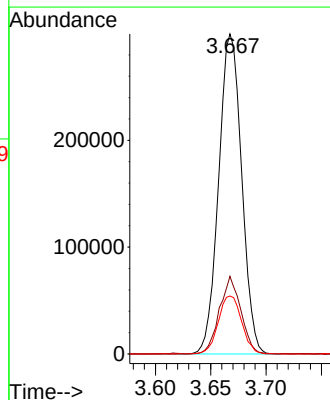
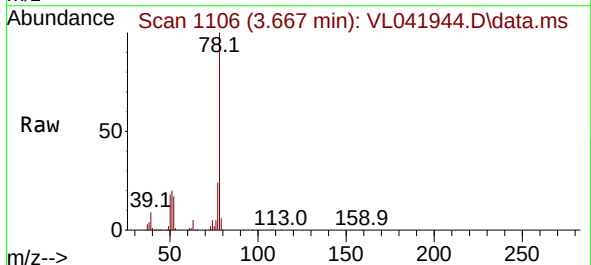
Instrument :
MSVOA_L
ClientSampleId :

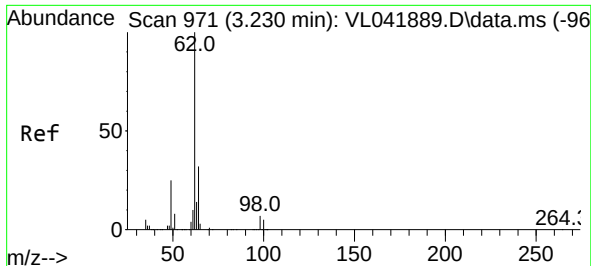
Tgt Ion:117 Resp: 316836
Ion Ratio Lower Upper
117 100
119 94.9 76.9 115.3
121 29.6 23.8 35.6



#36
Benzene
Concen: 11.370 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion: 78 Resp: 432961
Ion Ratio Lower Upper
78 100
77 24.2 18.1 27.1
50 18.1 15.2 22.8





#37

1,2-Dichloroethane

Concen: 11.244 ppbv

RT: 3.227 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

Instrument :

MSVOA_L

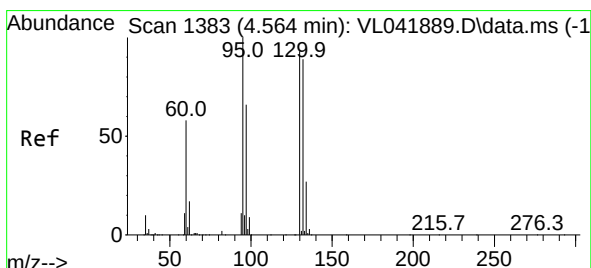
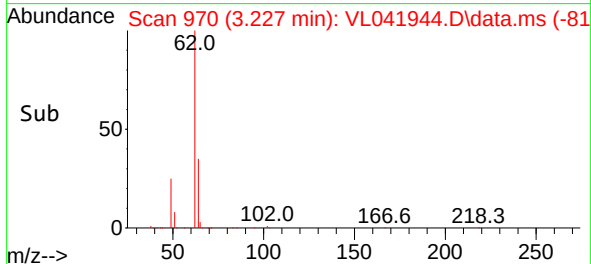
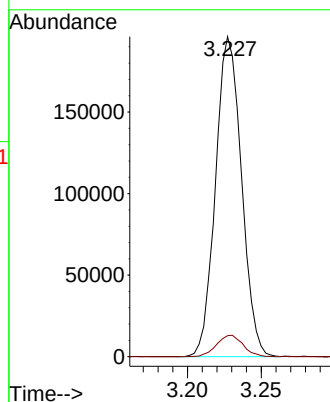
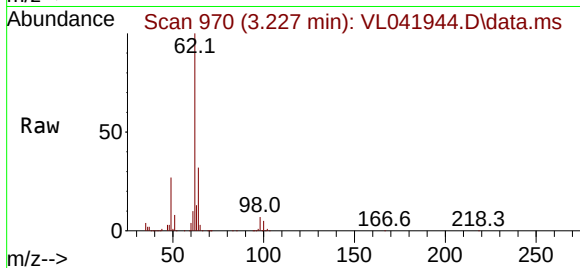
ClientSampleId :

Tgt Ion: 62 Resp: 240456

Ion Ratio Lower Upper

62 100

98 6.9 5.4 8.0



#38

Trichloroethene

Concen: 11.079 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

Tgt Ion:130 Resp: 167416

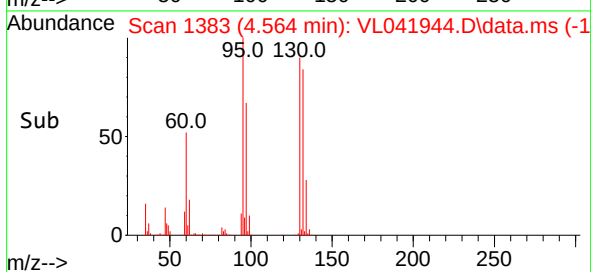
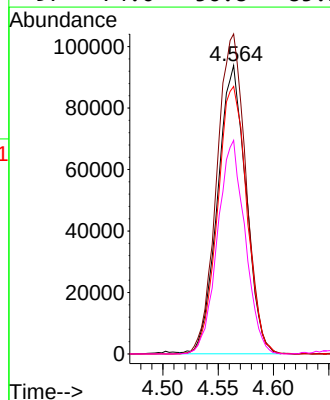
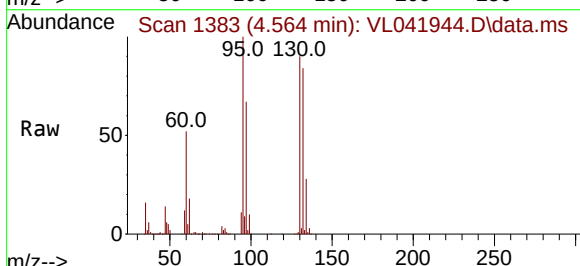
Ion Ratio Lower Upper

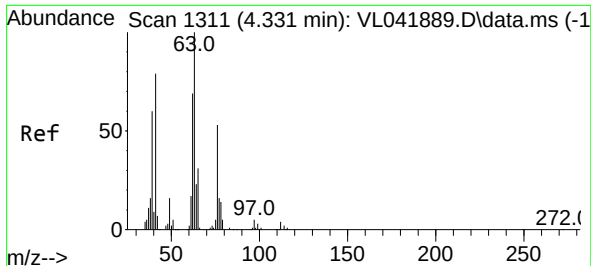
130 100

95 110.8 85.8 128.8

132 92.8 76.5 114.7

97 74.0 56.8 85.2





#39

1,2-Dichloropropane

Concen: 11.091 ppbv

RT: 4.324 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

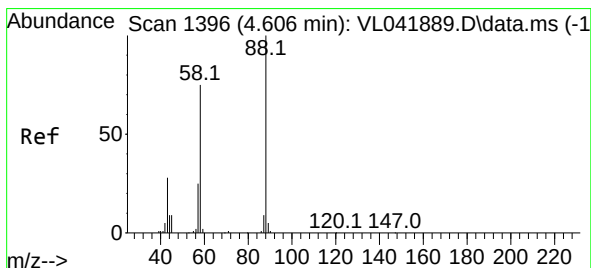
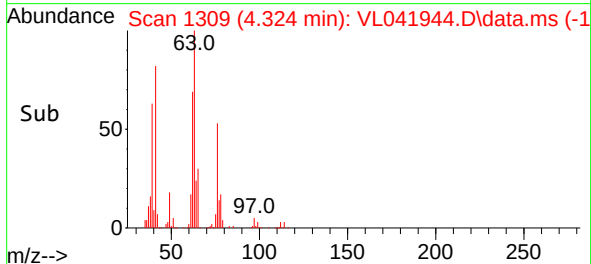
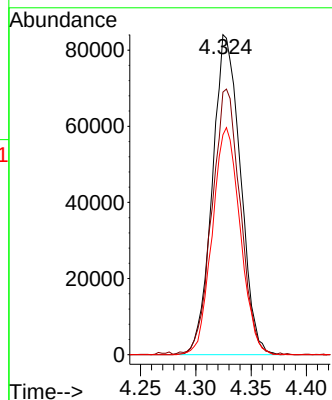
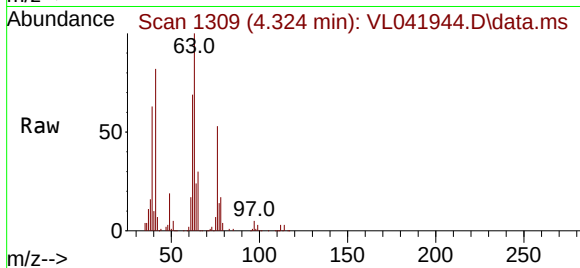
Tgt Ion: 63 Resp: 148143

Ion Ratio Lower Upper

63 100

41 81.5 63.7 95.5

62 68.7 55.4 83.2



#40

1,4-Dioxane

Concen: 10.367 ppbv

RT: 4.596 min Scan# 1393

Delta R.T. -0.010 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

Tgt Ion: 88 Resp: 69928

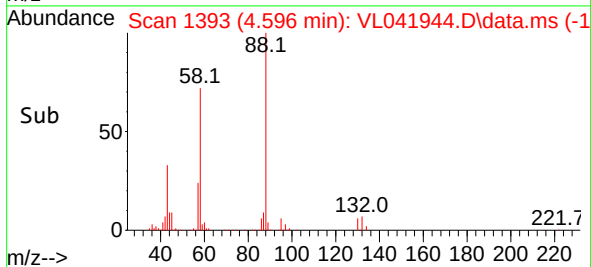
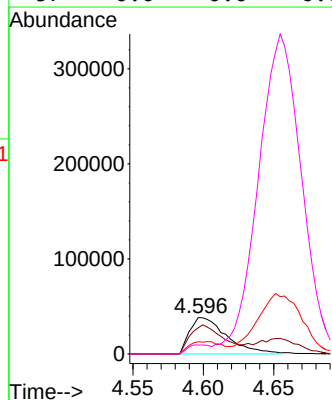
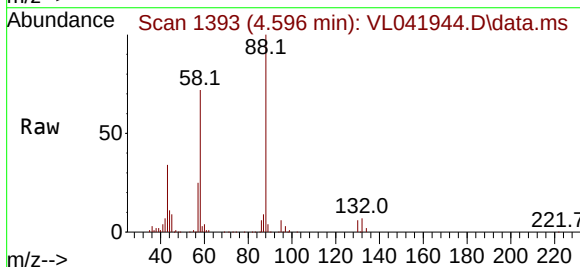
Ion Ratio Lower Upper

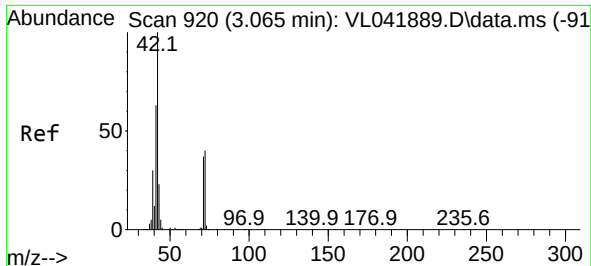
88 100

58 78.6 62.1 93.1

43 0.0 0.0 0.0

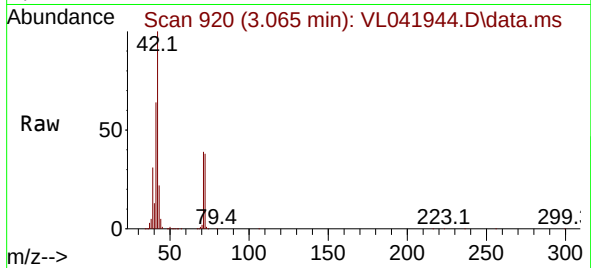
57 0.0 0.0 0.0



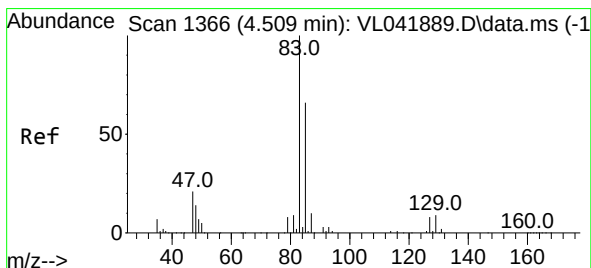
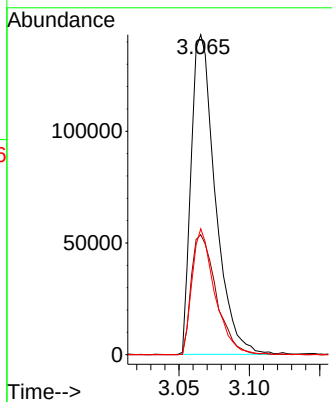
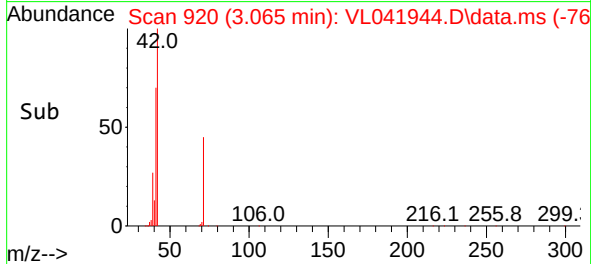


#41
Tetrahydrofuran
Concen: 11.899 ppbv
RT: 3.065 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

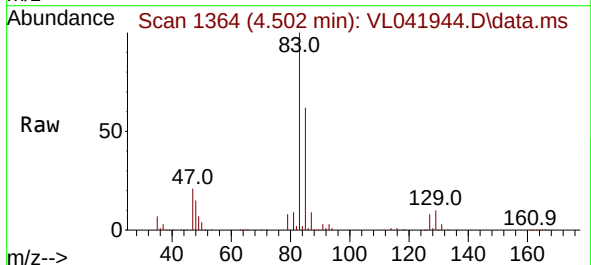
Instrument :
MSVOA_L
ClientSampleId :



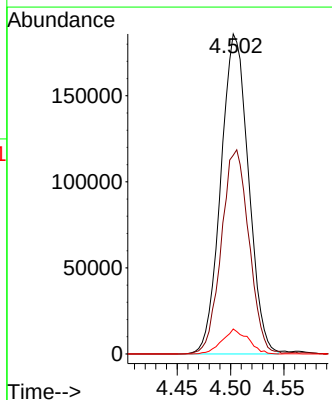
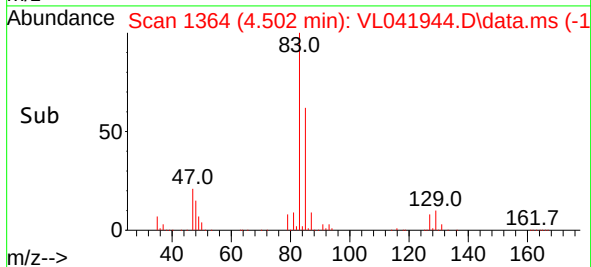
Tgt Ion: 42 Resp: 170732
Ion Ratio Lower Upper
42 100
72 38.9 32.3 48.5
71 37.3 29.9 44.9

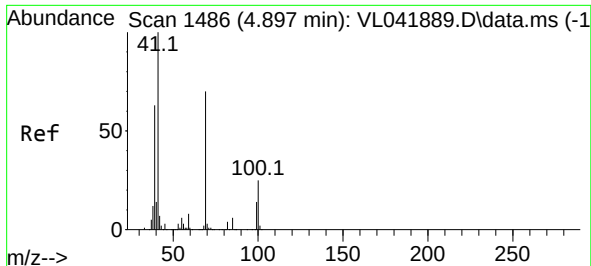


#42
Bromodichloromethane
Concen: 11.669 ppbv
RT: 4.502 min Scan# 1364
Delta R.T. -0.006 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05



Tgt Ion: 83 Resp: 334591
Ion Ratio Lower Upper
83 100
85 62.1 52.6 78.8
127 7.8 6.4 9.6

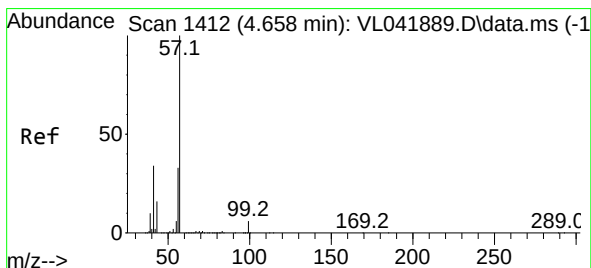
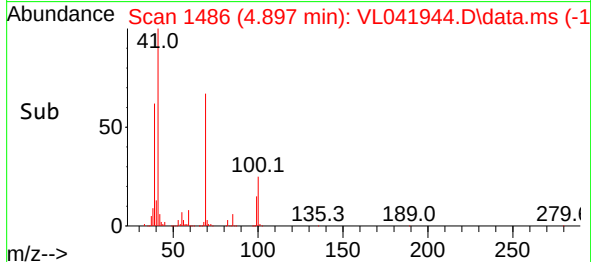
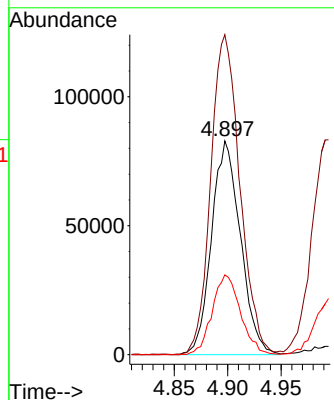
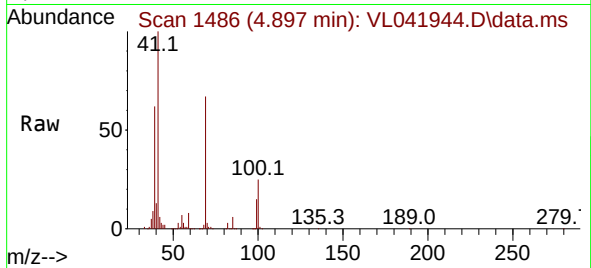




#43
Methyl Methacrylate
Concen: 11.029 ppbv
RT: 4.897 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

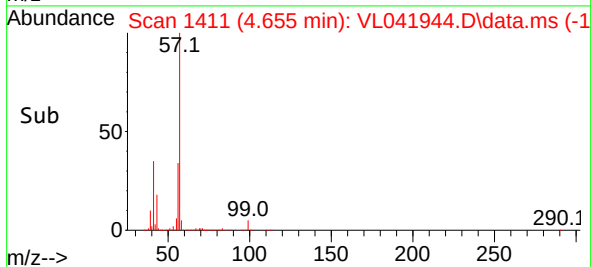
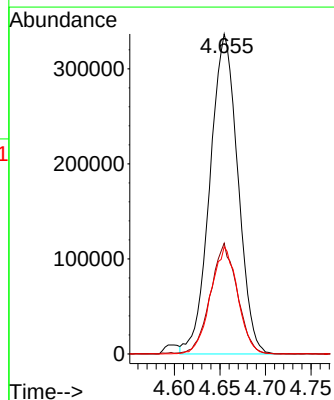
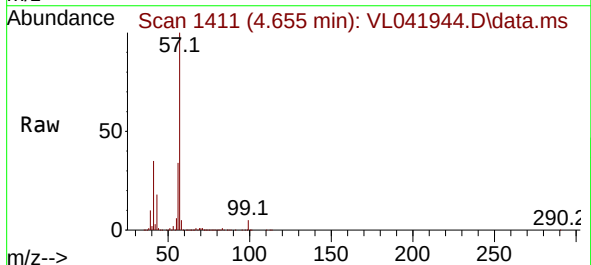
Instrument :
MSVOA_L
ClientSampleId :

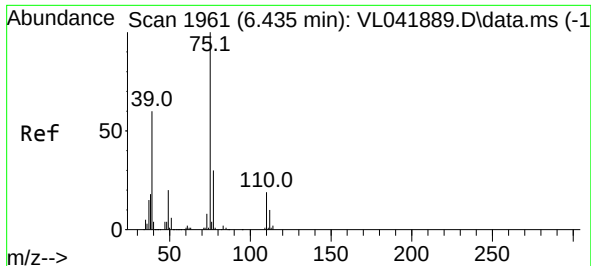
Tgt Ion: 69 Resp: 156013
Ion Ratio Lower Upper
69 100
41 151.0 118.6 177.8
100 36.6 29.3 43.9



#44
2,2,4-Trimethylpentane
Concen: 11.658 ppbv
RT: 4.655 min Scan# 1411
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion: 57 Resp: 717998
Ion Ratio Lower Upper
57 100
41 33.6 26.6 40.0
56 32.4 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 11.136 ppbv

RT: 6.435 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

Instrument :

MSVOA_L

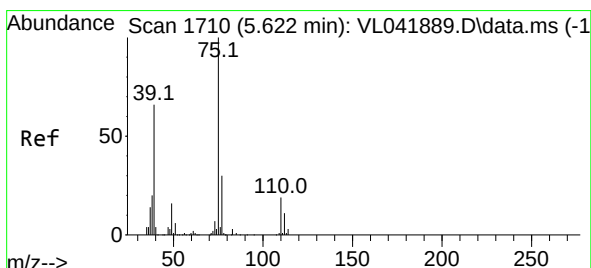
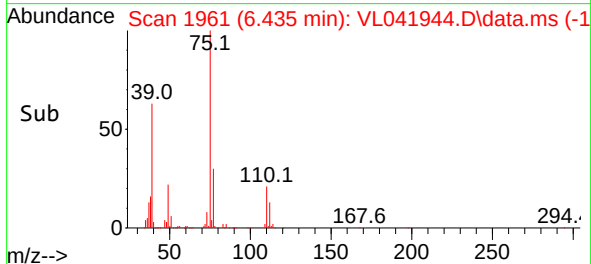
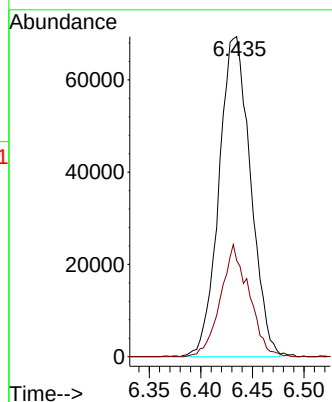
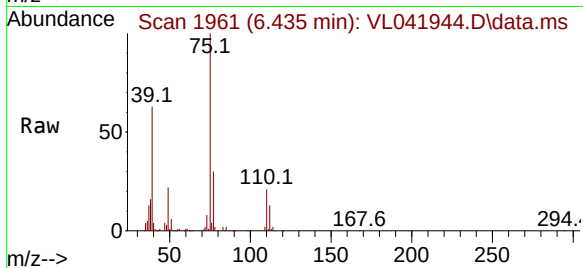
ClientSampleId :

Tgt Ion: 75 Resp: 147450

Ion Ratio Lower Upper

75 100

77 30.0 24.3 36.5



#46

cis-1,3-Dichloropropene

Concen: 11.644 ppbv

RT: 5.619 min Scan# 1709

Delta R.T. -0.003 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

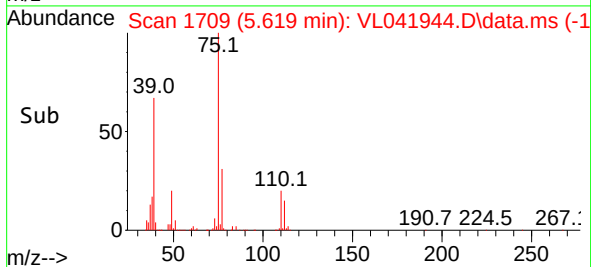
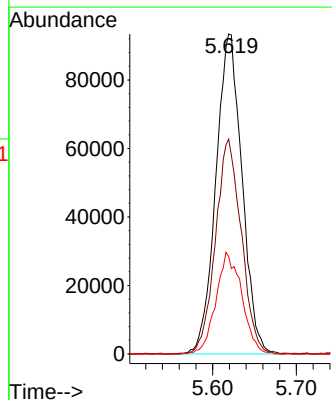
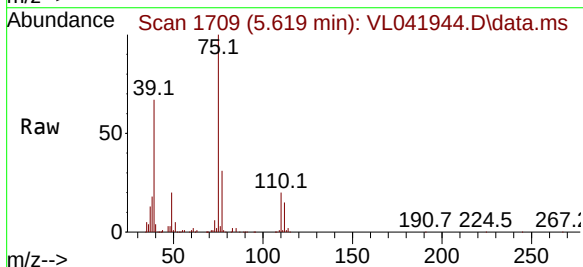
Tgt Ion: 75 Resp: 202424

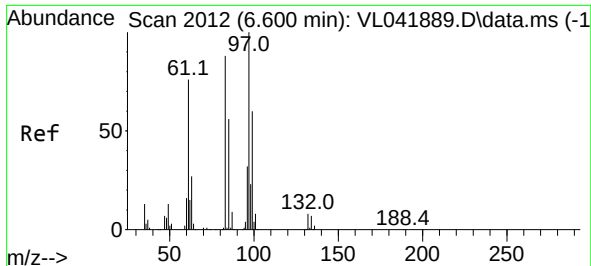
Ion Ratio Lower Upper

75 100

39 67.0 53.1 79.7

77 30.5 23.8 35.8





#47

1,1,2-Trichloroethane

Concen: 11.606 ppbv

RT: 6.597 min Scan# 20

Delta R.T. -0.003 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 164305

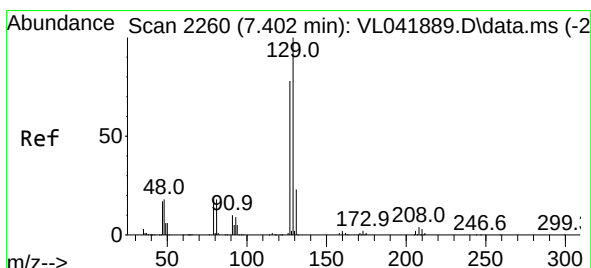
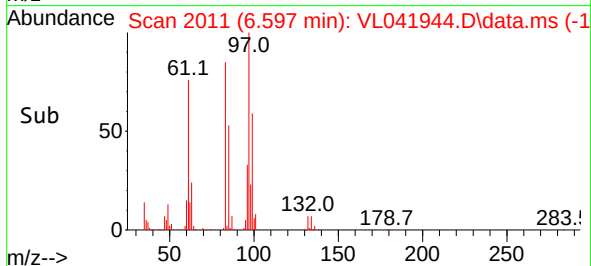
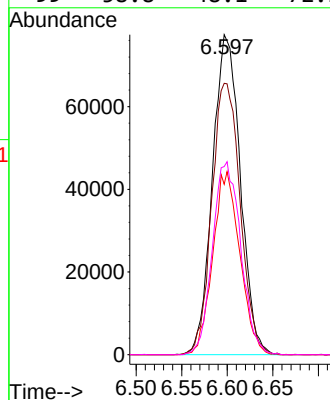
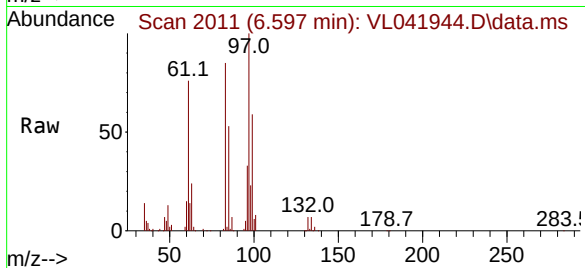
Ion Ratio Lower Upper

97 100

83 84.7 70.4 105.6

85 53.3 45.0 67.4

99 58.8 48.1 72.1



#48

Dibromochloromethane

Concen: 12.038 ppbv

RT: 7.399 min Scan# 2259

Delta R.T. -0.003 min

Lab File: VL041944.D

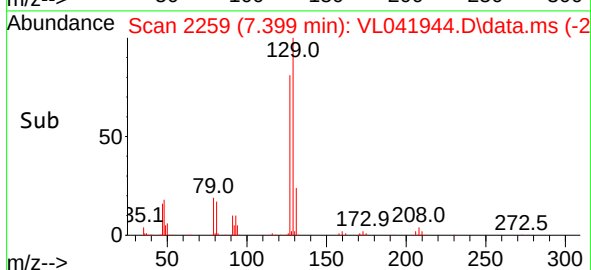
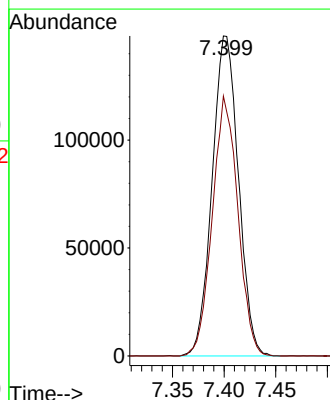
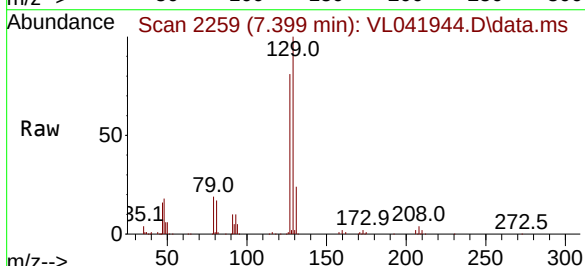
Acq: 27 Jan 2025 10:05

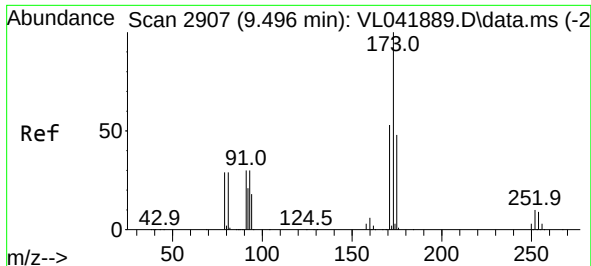
Tgt Ion: 129 Resp: 262942

Ion Ratio Lower Upper

129 100

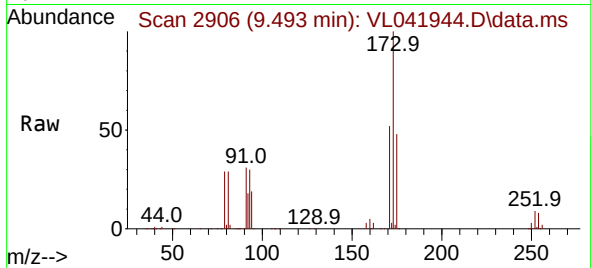
127 78.6 39.3 117.8



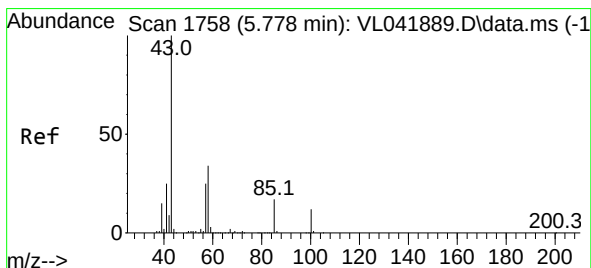
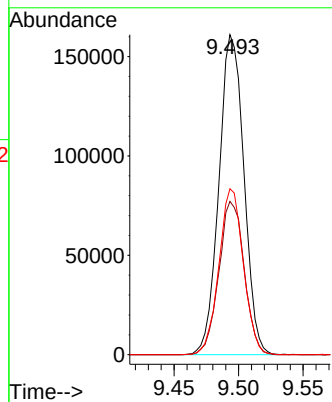
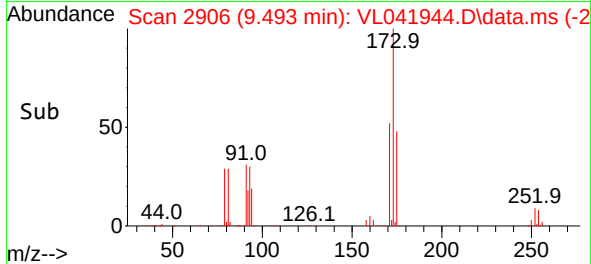


#49
Bromoform
Concen: 12.074 ppbv
RT: 9.493 min Scan# 2906
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Instrument :
MSVOA_L
ClientSampleId :

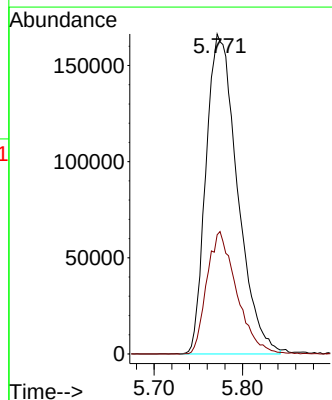
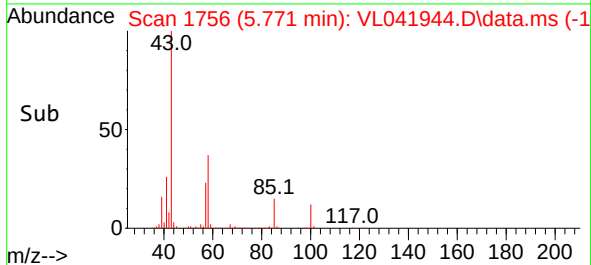
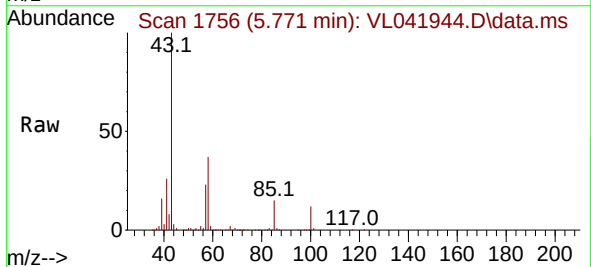


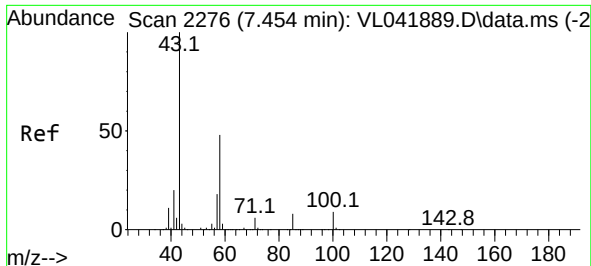
Tgt Ion:173 Resp: 216634
Ion Ratio Lower Upper
173 100
175 48.5 38.4 57.6
171 50.7 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 11.394 ppbv
RT: 5.771 min Scan# 1756
Delta R.T. -0.006 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion: 43 Resp: 410655
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6

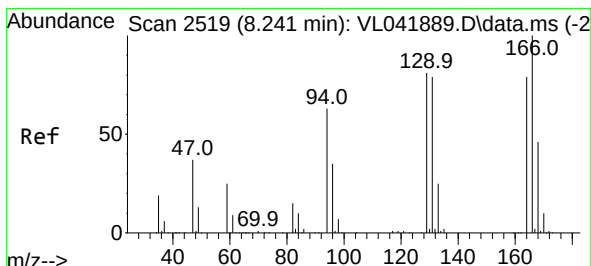
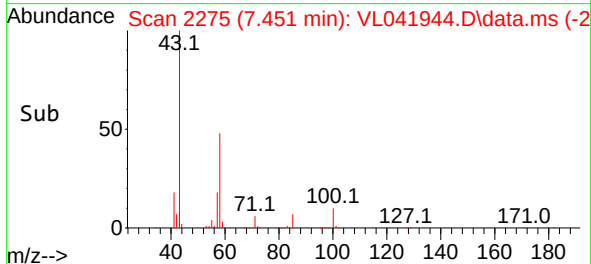
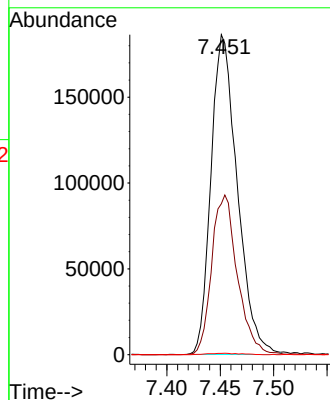
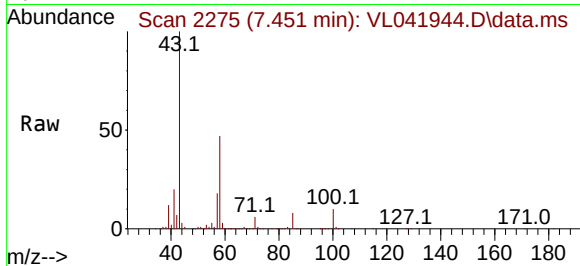




#51
2-Hexanone
Concen: 11.521 ppbv
RT: 7.451 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

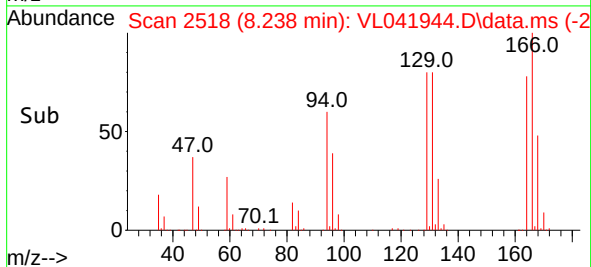
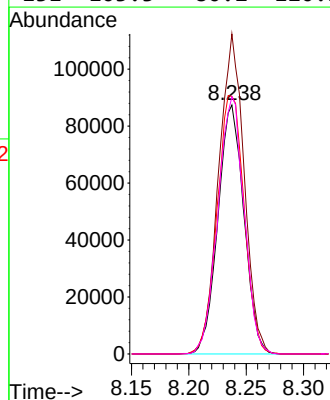
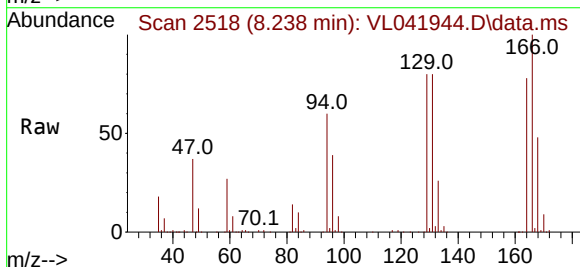
Instrument :
MSVOA_L
ClientSampleId :

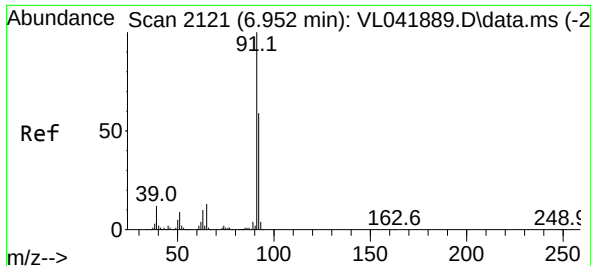
Tgt Ion: 43 Resp: 319063
Ion Ratio Lower Upper
43 100
58 49.0 40.4 60.6
98 0.6 0.2 0.2#



#52
Tetrachloroethene
Concen: 10.404 ppbv
RT: 8.238 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion:164 Resp: 137364
Ion Ratio Lower Upper
164 100
166 128.5 100.8 151.2
129 103.5 82.0 123.0
131 103.3 80.2 120.2

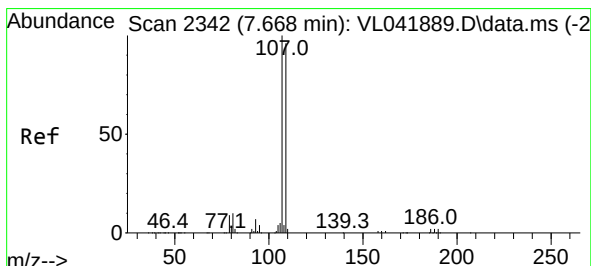
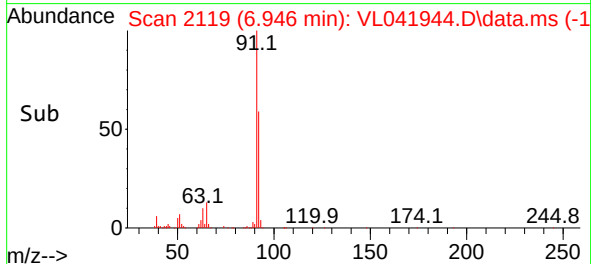
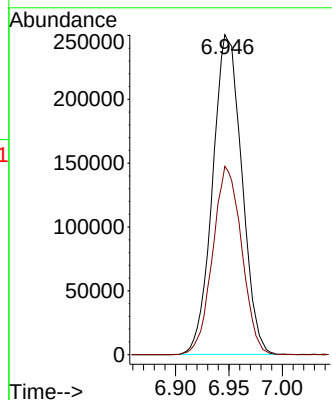
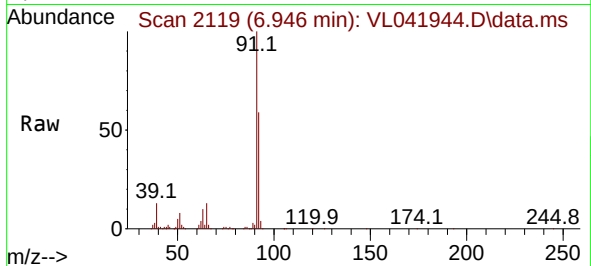




#53
Toluene
Concen: 11.456 ppbv
RT: 6.946 min Scan# 2121
Delta R.T. -0.006 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

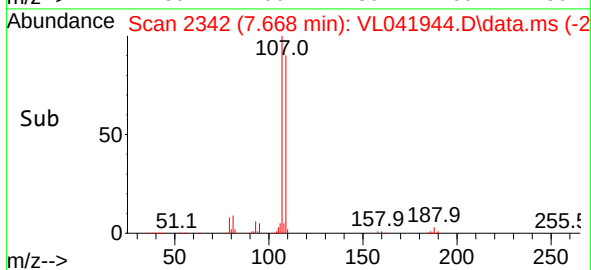
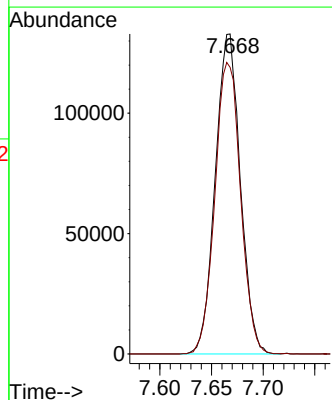
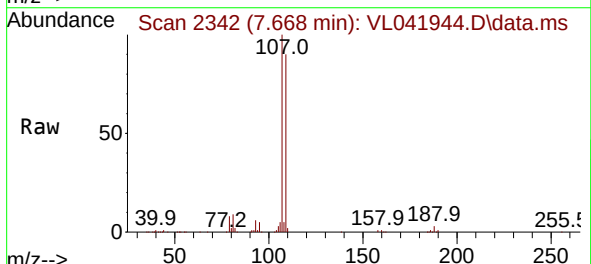
Instrument :
MSVOA_L
ClientSampleId :

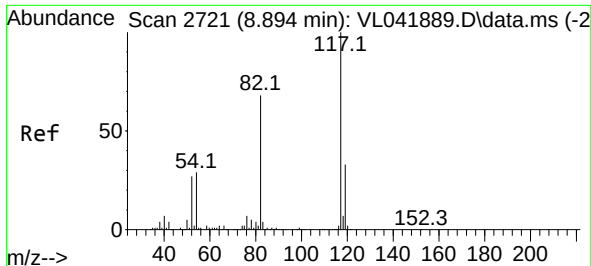
Tgt Ion: 91 Resp: 475146
Ion Ratio Lower Upper
91 100
92 58.6 47.4 71.0



#54
1,2-Dibromoethane
Concen: 11.514 ppbv
RT: 7.668 min Scan# 2342
Delta R.T. 0.000 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion: 107 Resp: 224086
Ion Ratio Lower Upper
107 100
109 89.6 76.7 115.1

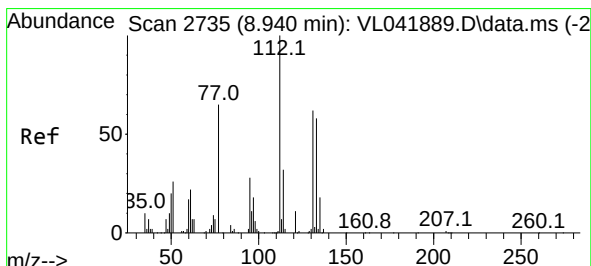
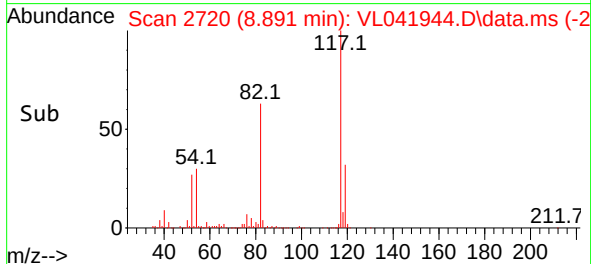
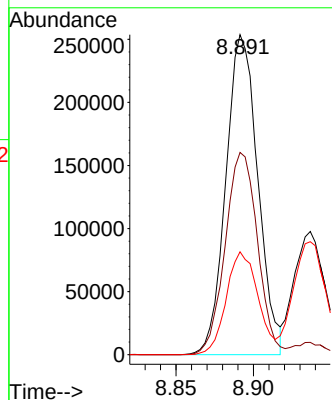
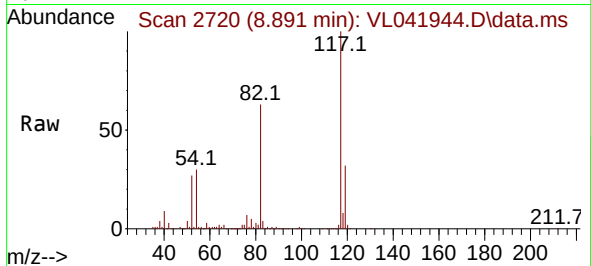




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

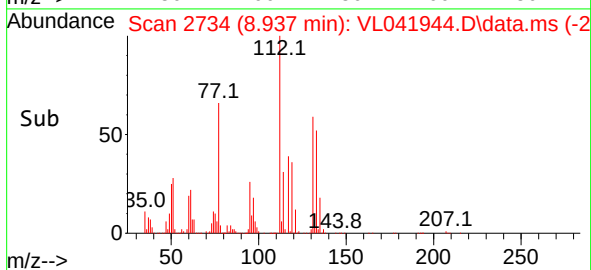
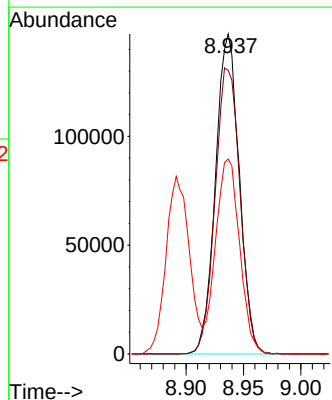
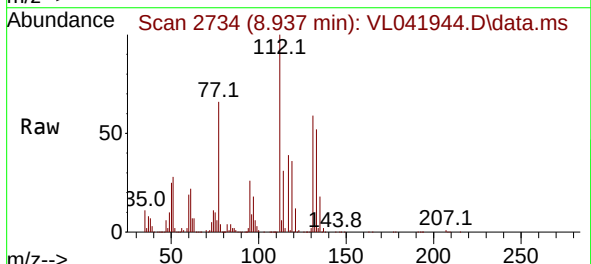
Instrument :
MSVOA_L
ClientSampleId :

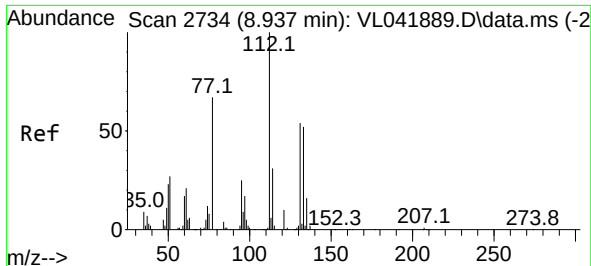
Tgt Ion:117 Resp: 364534
Ion Ratio Lower Upper
117 100
82 67.5 54.2 81.4
119 31.3 25.0 37.6



#56
1,1,1,2-Tetrachloroethane
Concen: 11.640 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion:131 Resp: 211703
Ion Ratio Lower Upper
131 100
133 93.7 76.0 114.0
119 61.9 49.7 74.5





#57

Chlorobenzene

Concen: 11.210 ppbv

RT: 8.933 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

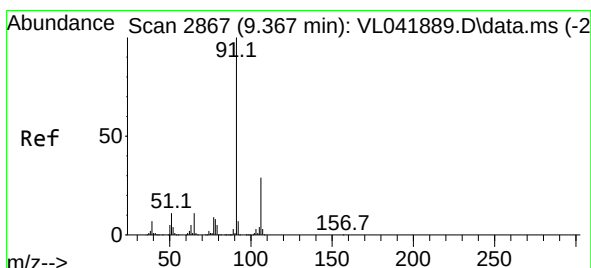
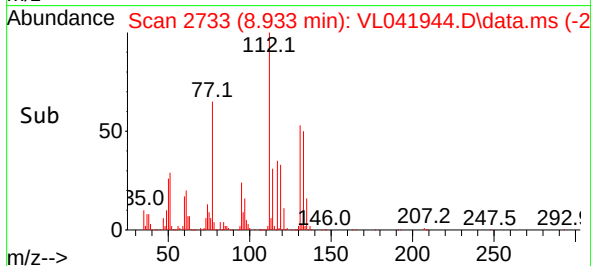
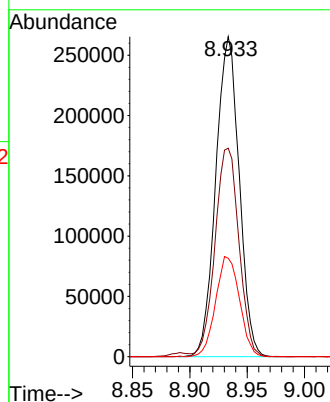
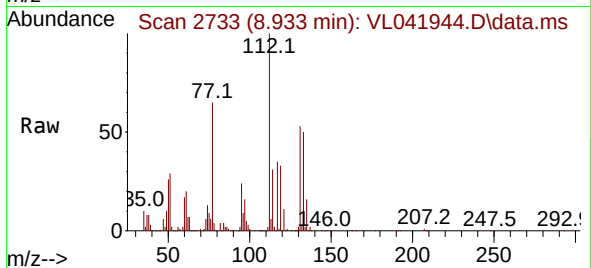
Tgt Ion:112 Resp: 376929

Ion Ratio Lower Upper

112 100

77 65.1 54.6 82.0

114 30.8 28.2 34.4



#58

Ethyl Benzene

Concen: 11.507 ppbv

RT: 9.364 min Scan# 2866

Delta R.T. -0.003 min

Lab File: VL041944.D

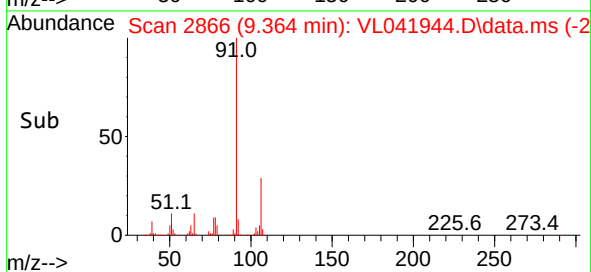
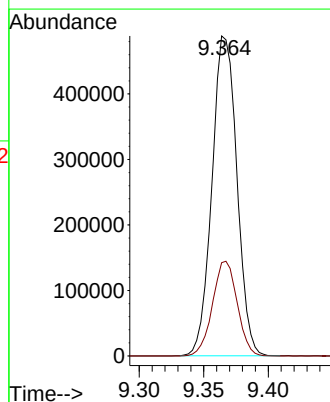
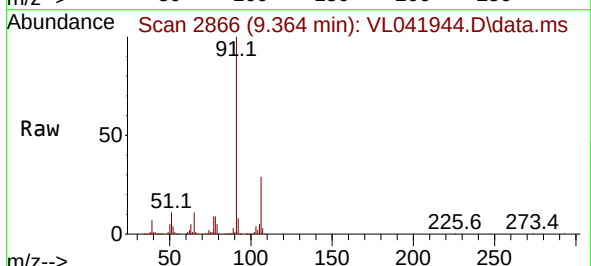
Acq: 27 Jan 2025 10:05

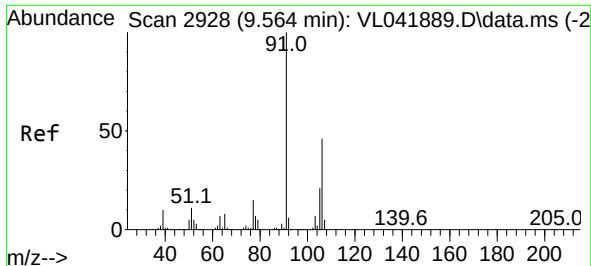
Tgt Ion: 91 Resp: 655579

Ion Ratio Lower Upper

91 100

106 29.2 23.1 34.7





#59

m/p-Xylene

Concen: 11.391 ppbv

RT: 9.561 min Scan# 2928

Delta R.T. -0.003 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

Instrument :

MSVOA_L

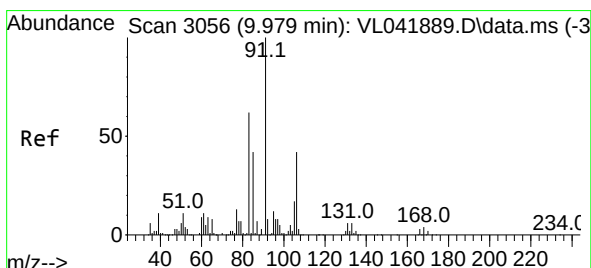
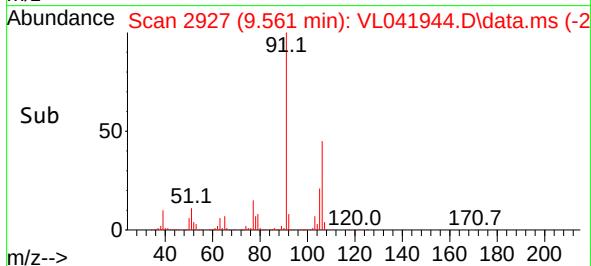
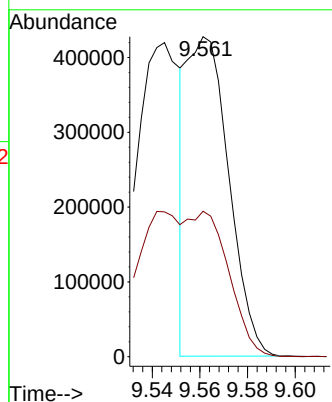
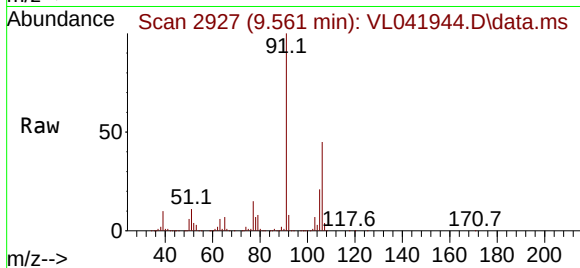
ClientSampleId :

Tgt Ion: 91 Resp: 520154

Ion Ratio Lower Upper

91 100

106 94.1 36.0 54.0#



#60

o-Xylene

Concen: 11.826 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. -0.006 min

Lab File: VL041944.D

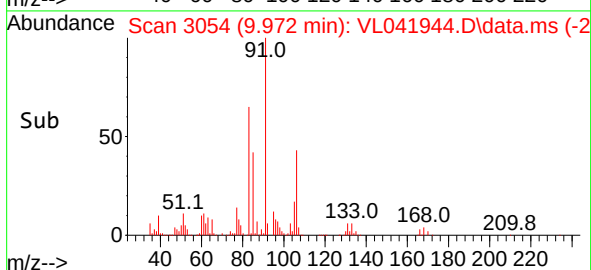
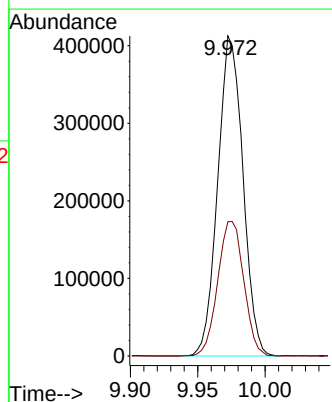
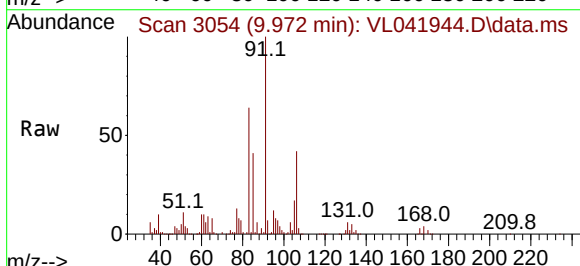
Acq: 27 Jan 2025 10:05

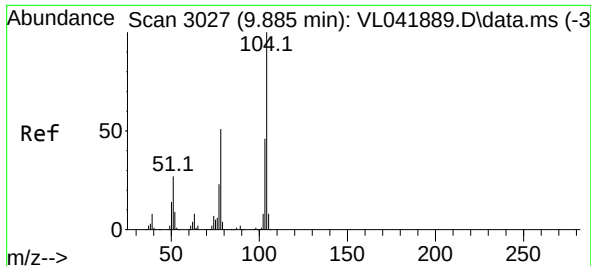
Tgt Ion: 91 Resp: 536013

Ion Ratio Lower Upper

91 100

106 43.4 21.3 63.9

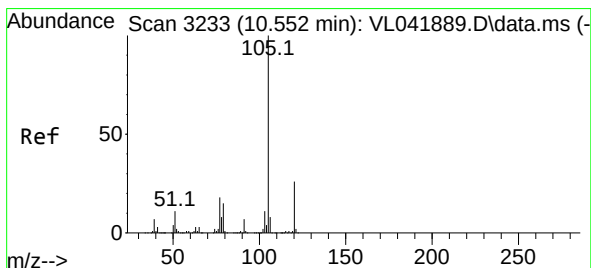
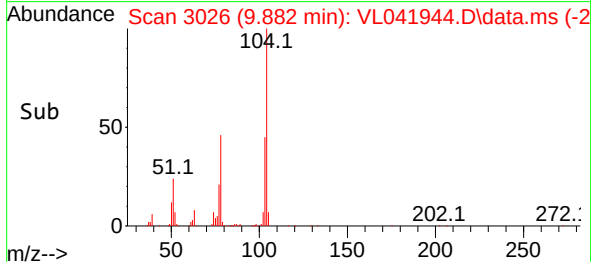
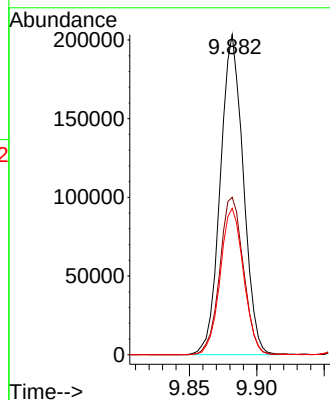
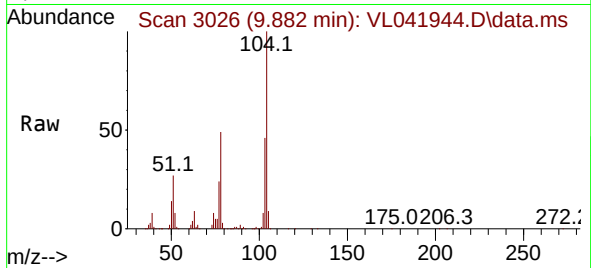




#61
Styrene
Concen: 11.853 ppbv
RT: 9.882 min Scan# 3027
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

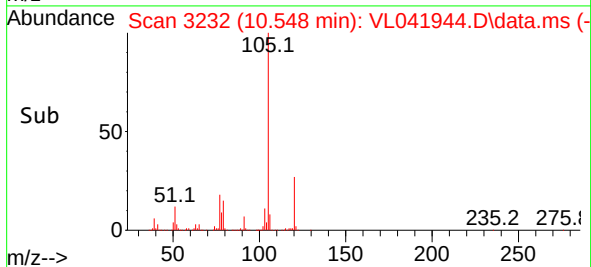
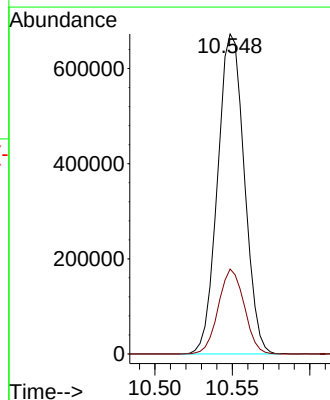
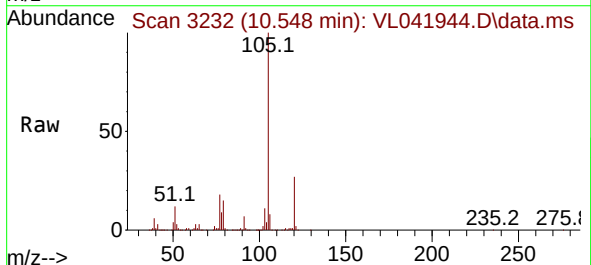
Instrument :
MSVOA_L
ClientSampleId :

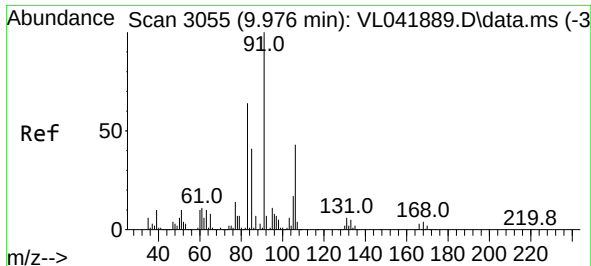
Tgt Ion:104 Resp: 240993
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 46.6 37.2 55.8



#62
Isopropylbenzene
Concen: 11.496 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion:105 Resp: 806301
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5

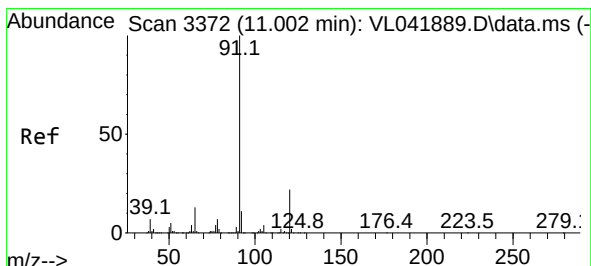
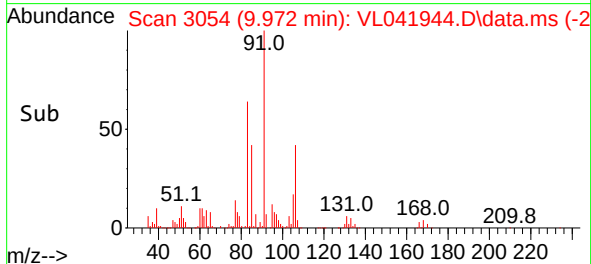
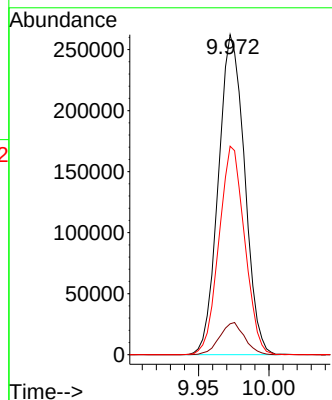
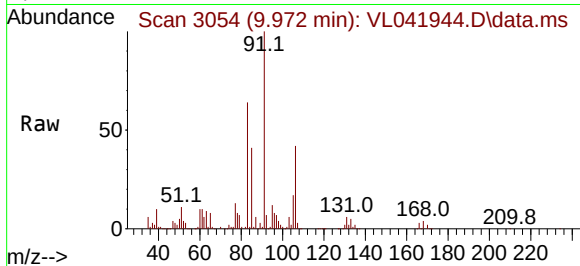




#63
1,1,2,2-Tetrachloroethane
Concen: 11.718 ppbv
RT: 9.972 min Scan# 3055
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

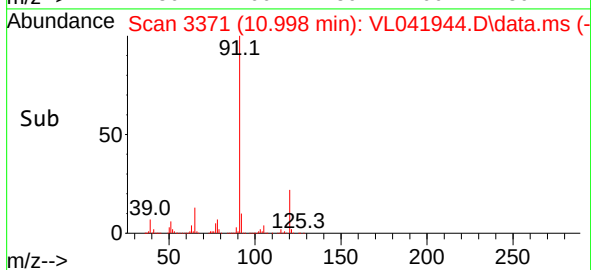
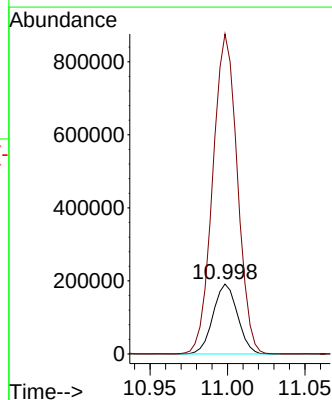
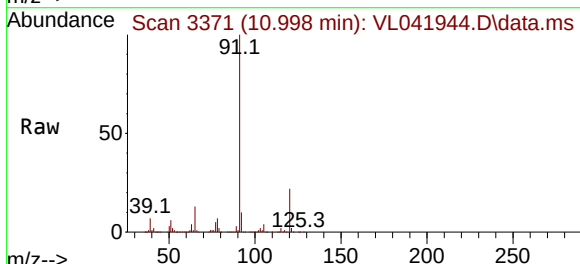
Instrument :
MSVOA_L
ClientSampleId :

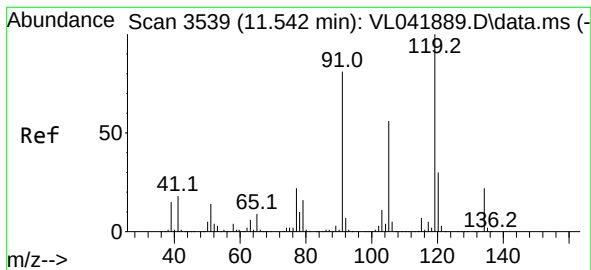
Tgt Ion: 83 Resp: 339396
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 63.9 32.4 97.2



#64
n-propylbenzene
Concen: 11.831 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion: 120 Resp: 209670
Ion Ratio Lower Upper
120 100
91 462.3 374.1 561.1

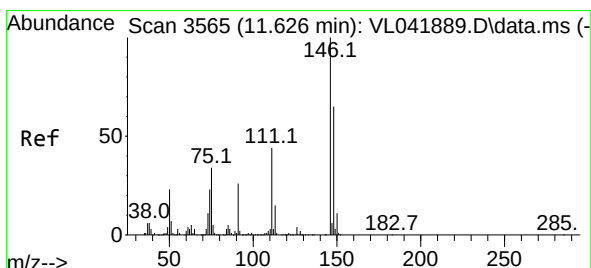
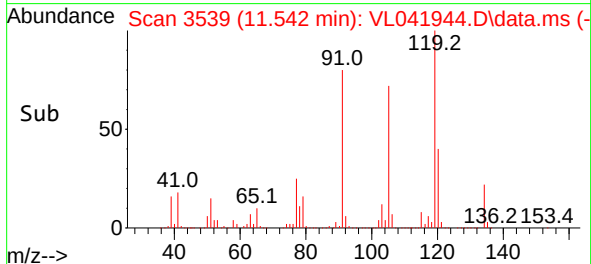
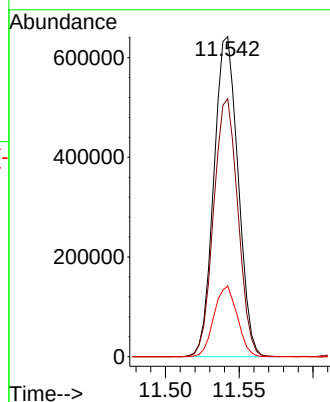
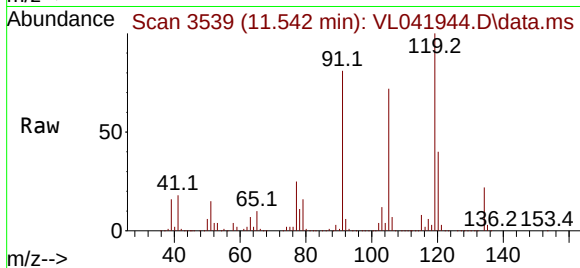




#65
tert-Butylbenzene
Concen: 11.472 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

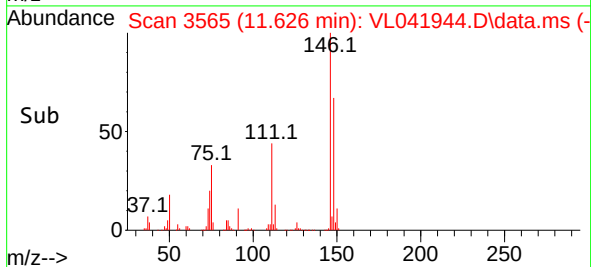
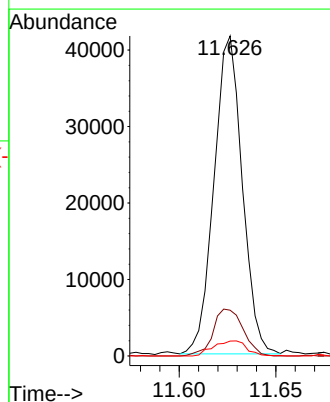
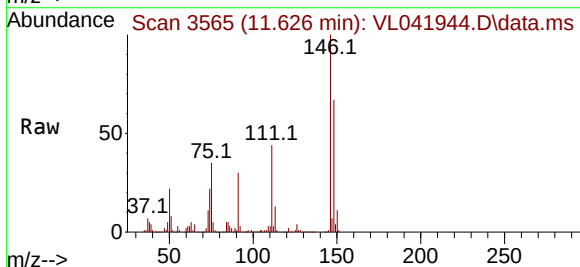
Instrument :
MSVOA_L
ClientSampleId :

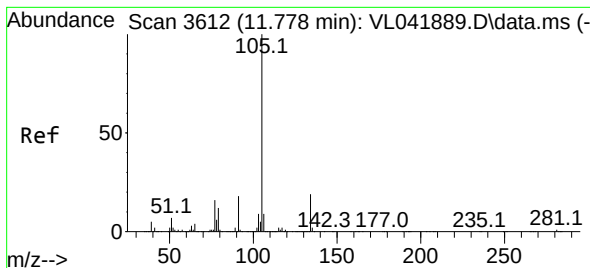
Tgt Ion:119 Resp: 733219
Ion Ratio Lower Upper
119 100
91 80.7 64.6 97.0
134 21.3 16.8 25.2



#66
Benzyl Chloride
Concen: 10.656 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.000 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion: 91 Resp: 42157
Ion Ratio Lower Upper
91 100
126 15.8 14.1 21.1
128 5.6 4.3 6.5

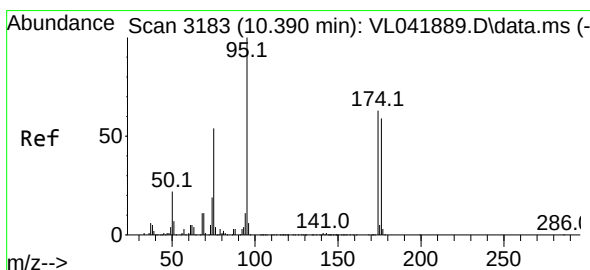
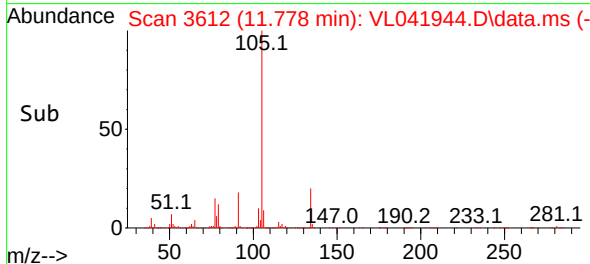
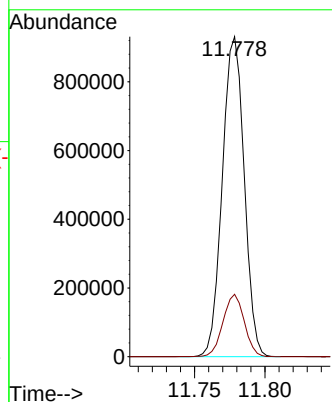
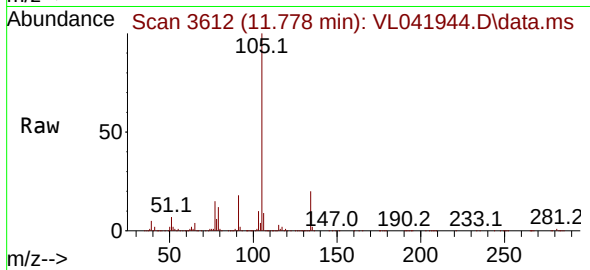




#67
 sec-Butylbenzene
 Concen: 11.445 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. 0.000 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

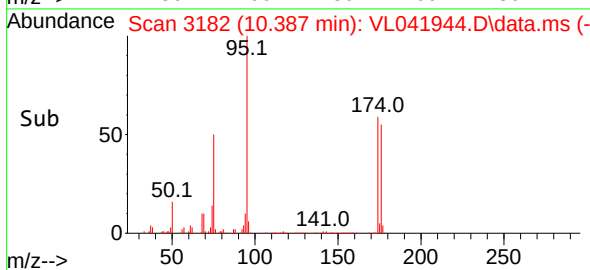
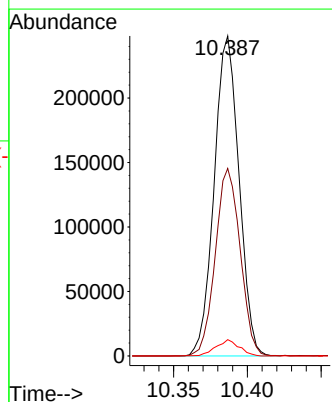
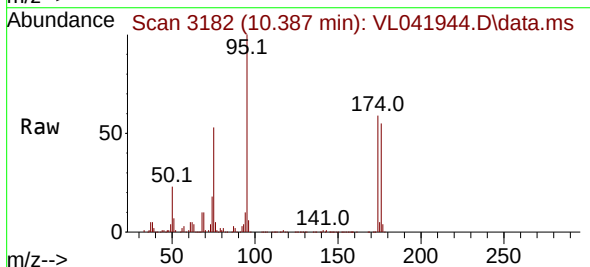
Instrument :
 MSVOA_L
 ClientSampleId :

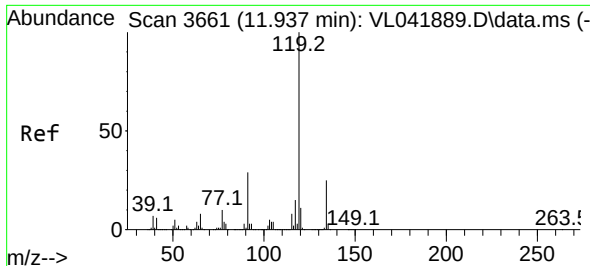
Tgt Ion:105 Resp: 1007276
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.114 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. -0.003 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

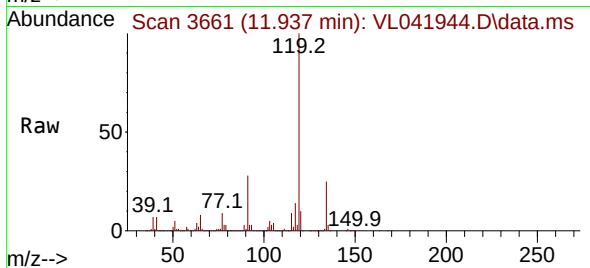
Tgt Ion: 95 Resp: 290387
 Ion Ratio Lower Upper
 95 100
 174 58.7 49.0 73.4
 175 4.7 3.8 5.8



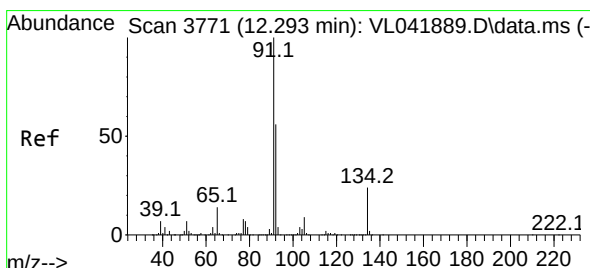
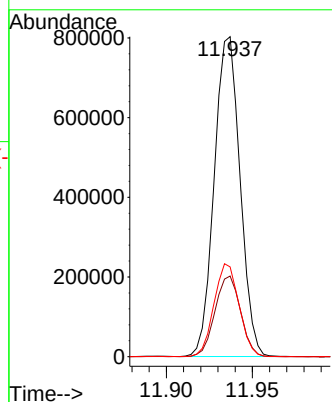
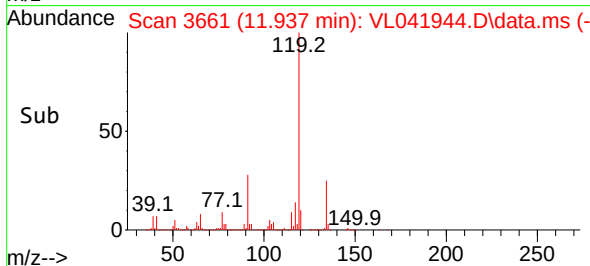


#69
p-Isopropyltoluene
Concen: 11.563 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. 0.000 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Instrument :
MSVOA_L
ClientSampleId :

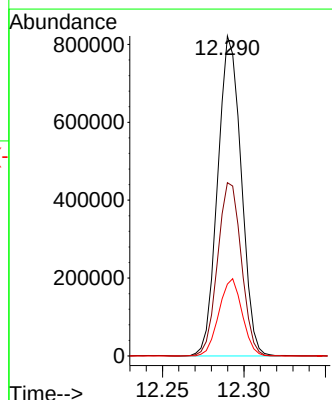
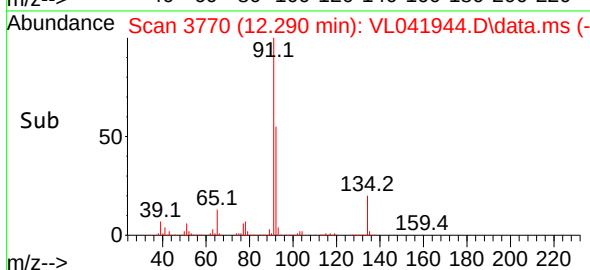
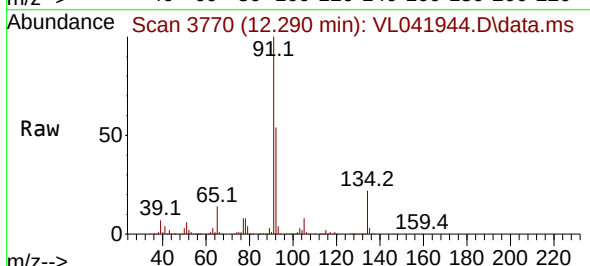


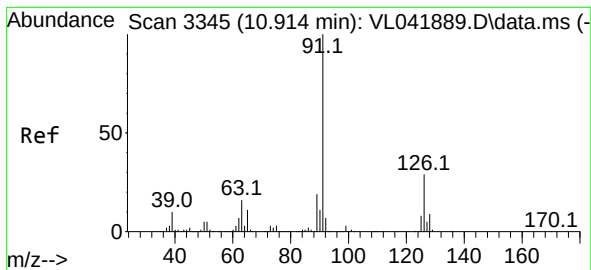
Tgt Ion:119 Resp: 838003
Ion Ratio Lower Upper
119 100
134 25.0 19.8 29.6
91 28.4 23.0 34.4



#70
n-Butylbenzene
Concen: 11.445 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion: 91 Resp: 822628
Ion Ratio Lower Upper
91 100
92 54.8 43.8 65.6
134 23.9 19.0 28.6

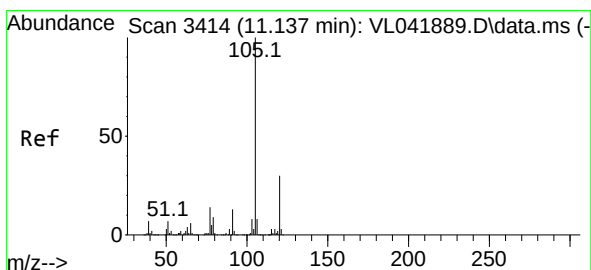
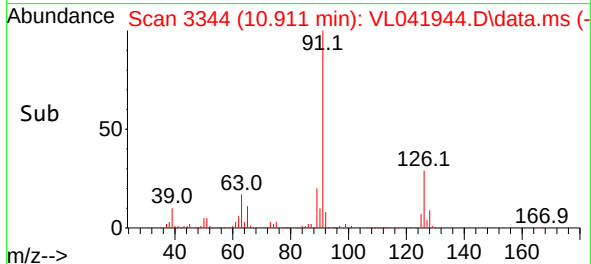
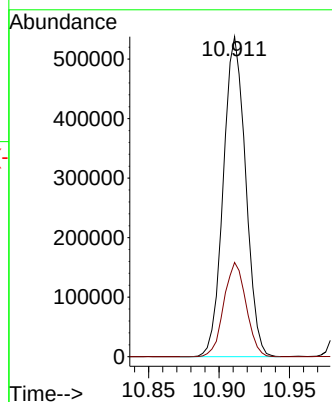
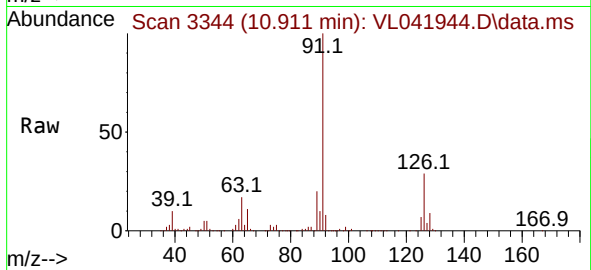




#71
2-Chlorotoluene
Concen: 11.445 ppbv
RT: 10.911 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

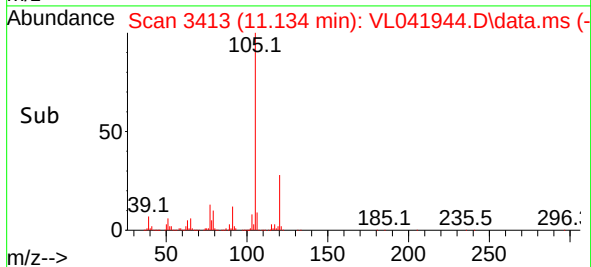
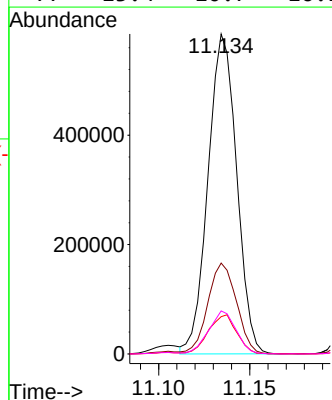
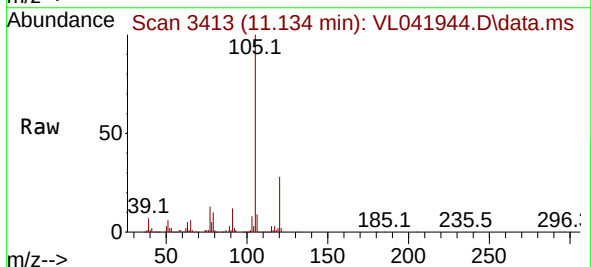
Instrument :
MSVOA_L
ClientSampleId :

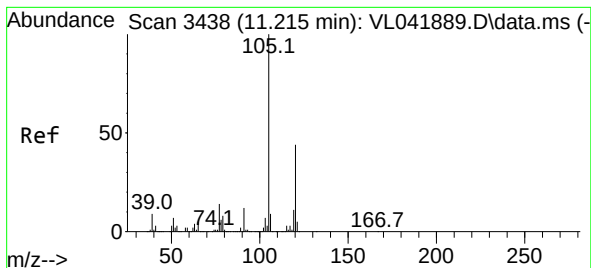
Tgt Ion: 91 Resp: 593791
Ion Ratio Lower Upper
91 100
126 29.4 11.7 46.7



#72
4-Ethyltoluene
Concen: 11.802 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

Tgt Ion:105 Resp: 639849
Ion Ratio Lower Upper
105 100
120 29.1 23.7 35.5
91 12.6 10.2 15.2
77 13.4 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 11.544 ppbv

RT: 11.212 min Scan# 34

Delta R.T. -0.003 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

Instrument :

MSVOA_L

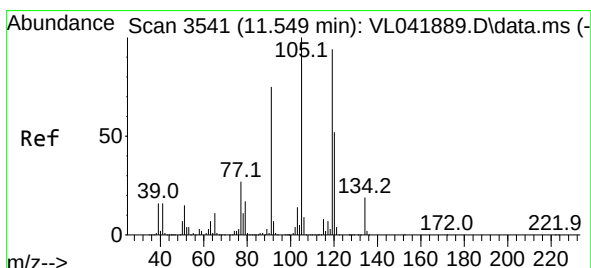
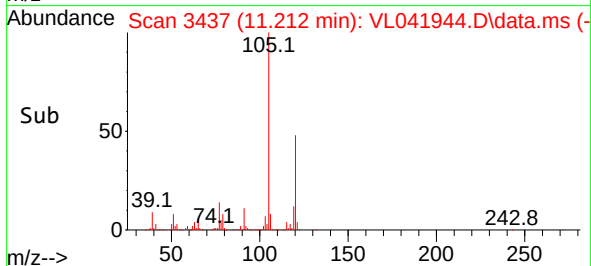
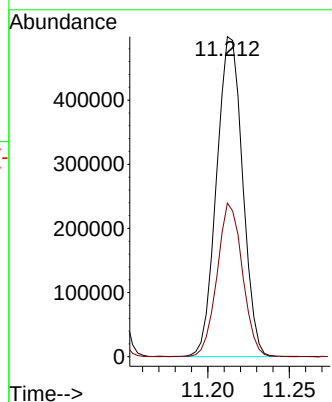
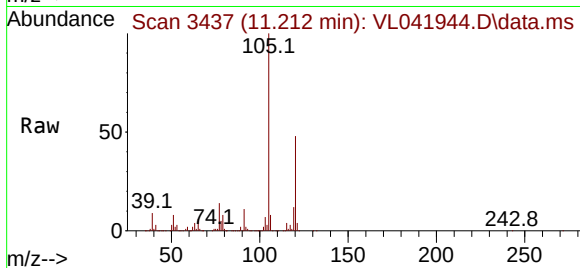
ClientSampleId :

Tgt Ion:105 Resp: 552715

Ion Ratio Lower Upper

105 100

120 48.0 35.4 53.2



#74

1,2,4-Trimethylbenzene

Concen: 11.485 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

Tgt Ion:105 Resp: 595508

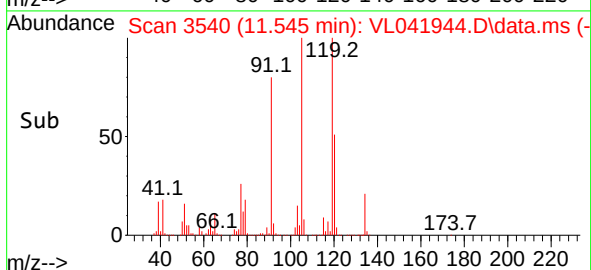
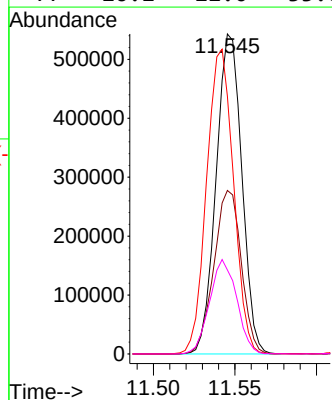
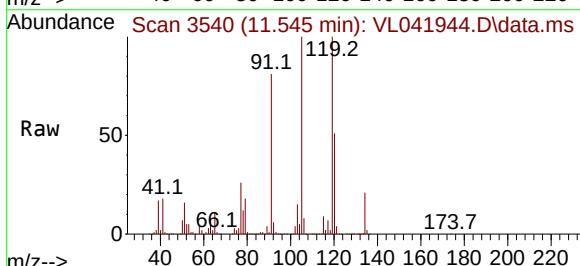
Ion Ratio Lower Upper

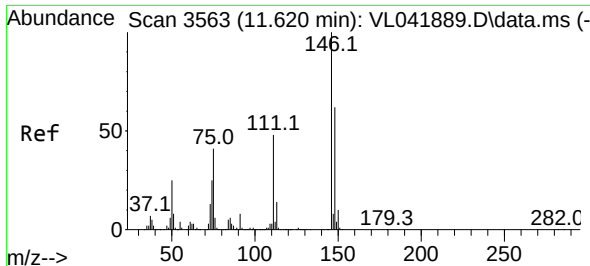
105 100

120 51.0 41.4 62.2

91 80.4 60.2 90.2

77 26.2 22.0 33.0

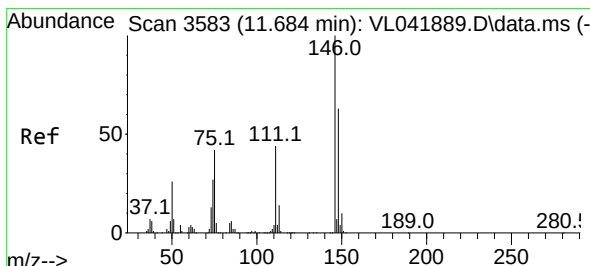
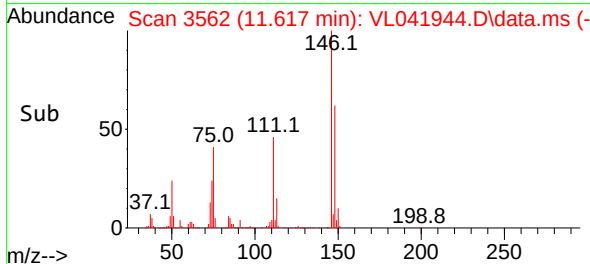
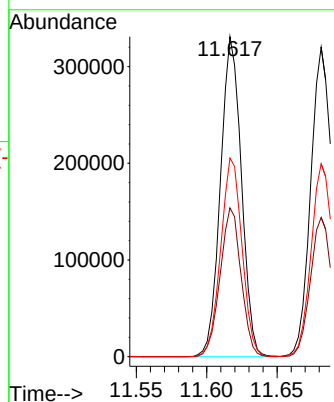
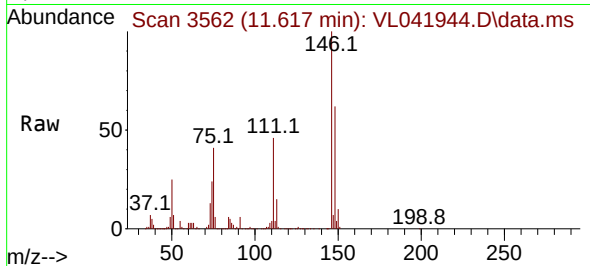




#75
1,3-Dichlorobenzene
Concen: 11.149 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

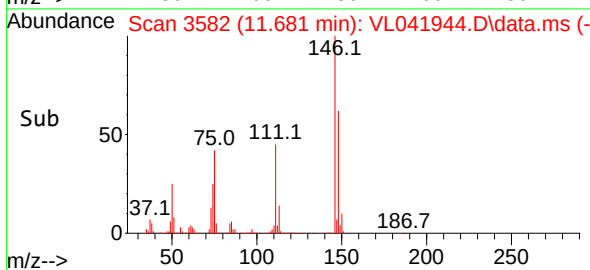
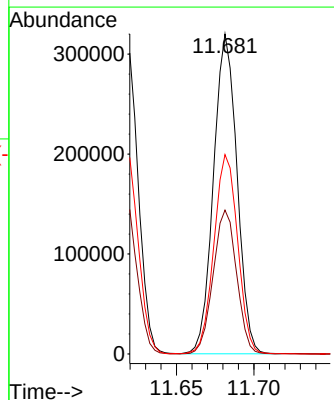
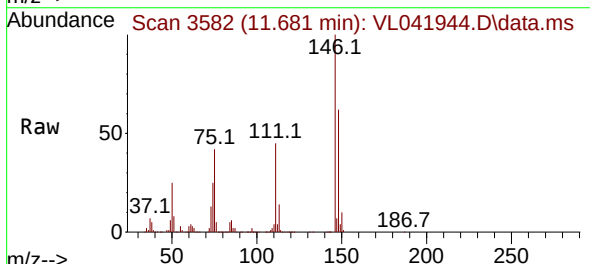
Instrument :
MSVOA_L
ClientSampleId :

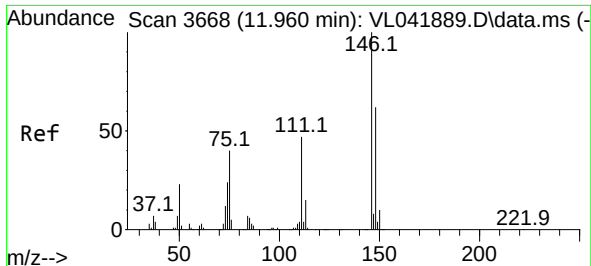
Tgt Ion:146 Resp: 342543
Ion Ratio Lower Upper
146 100
111 46.7 23.6 70.8
148 63.1 31.4 94.0



#76
1,4-Dichlorobenzene
Concen: 11.213 ppbv
RT: 11.681 min Scan# 3582
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

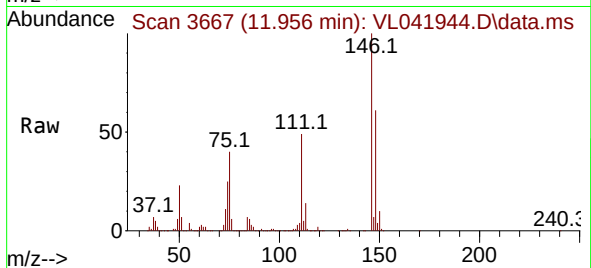
Tgt Ion:146 Resp: 337079
Ion Ratio Lower Upper
146 100
111 45.1 22.4 67.0
148 63.2 31.9 95.5



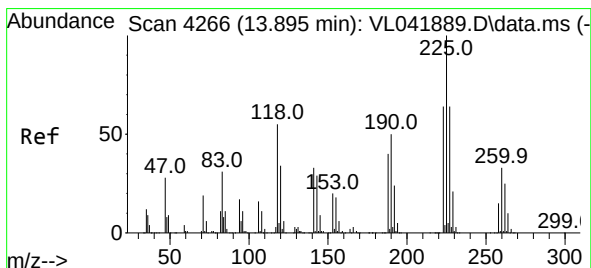
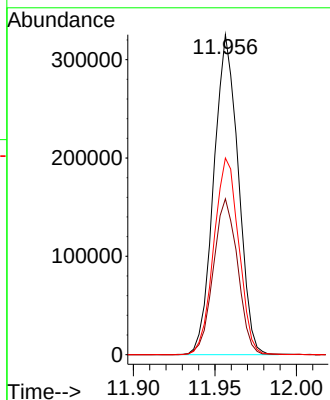
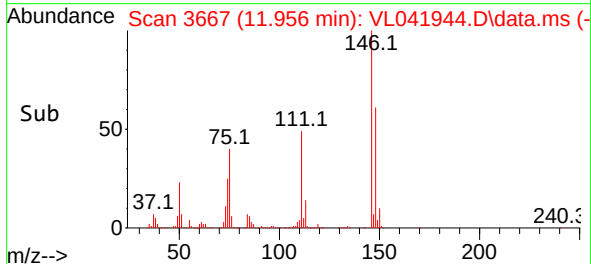


#77
1,2-Dichlorobenzene
Concen: 11.157 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05

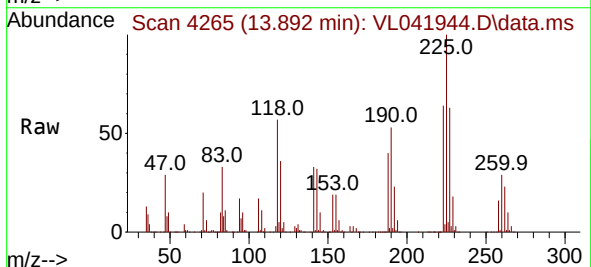
Instrument :
MSVOA_L
ClientSampleId :



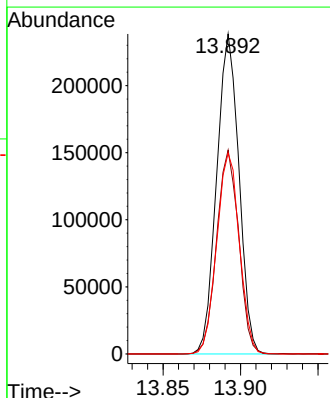
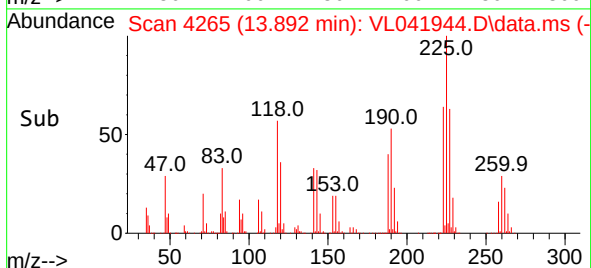
Tgt Ion:146 Resp: 339752
Ion Ratio Lower Upper
146 100
111 48.5 24.2 72.6
148 62.8 31.7 95.1

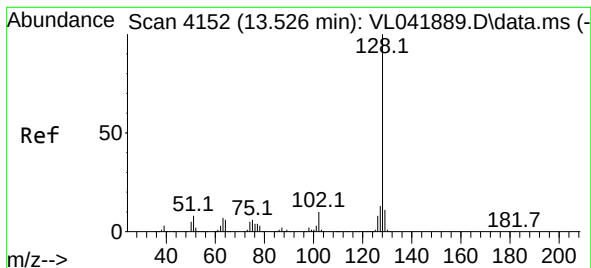


#78
Hexachloro-1,3-Butadiene
Concen: 9.523 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.003 min
Lab File: VL041944.D
Acq: 27 Jan 2025 10:05



Tgt Ion:225 Resp: 238004
Ion Ratio Lower Upper
225 100
223 63.2 50.8 76.2
227 63.8 50.3 75.5





#79

Naphthalene

Concen: 10.186 ppbv

RT: 13.523 min Scan# 4151

Delta R.T. -0.003 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

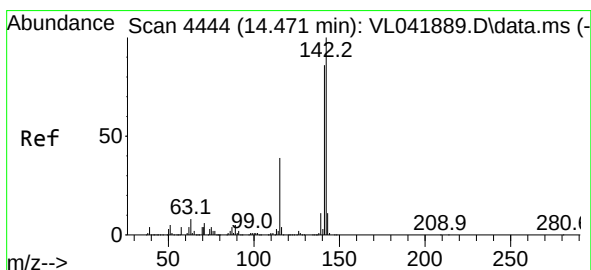
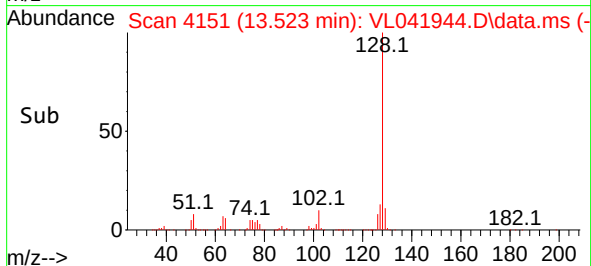
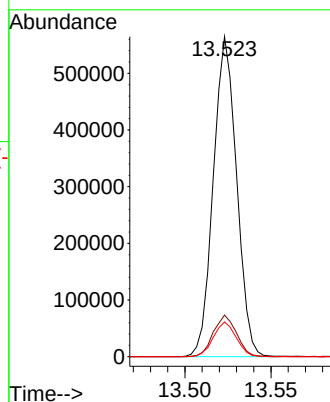
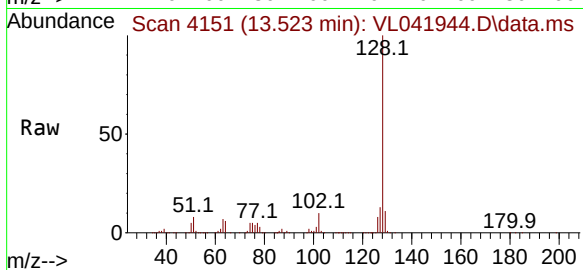
Tgt Ion:128 Resp: 531745

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.8 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 6.970 ppbv

RT: 14.468 min Scan# 4443

Delta R.T. -0.003 min

Lab File: VL041944.D

Acq: 27 Jan 2025 10:05

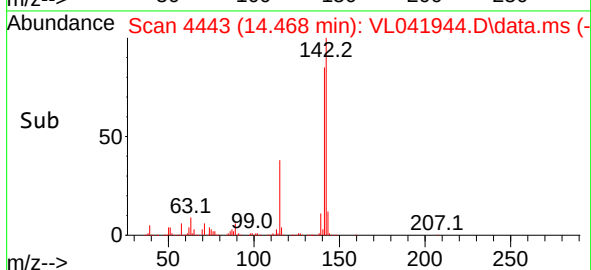
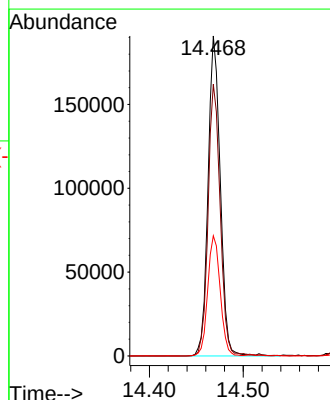
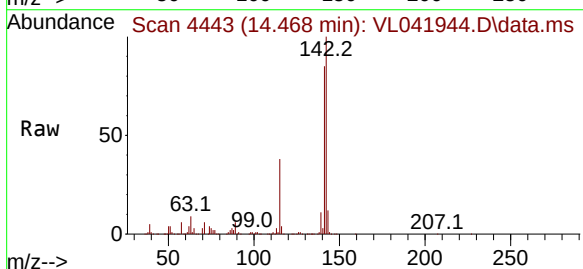
Tgt Ion:142 Resp: 172526

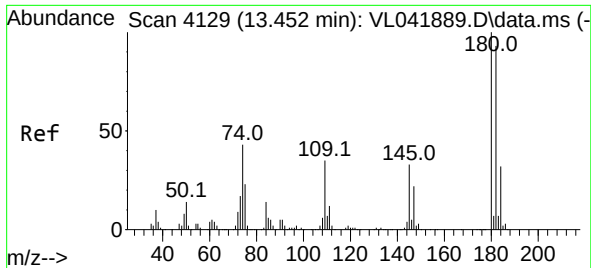
Ion Ratio Lower Upper

142 100

141 84.6 68.1 102.1

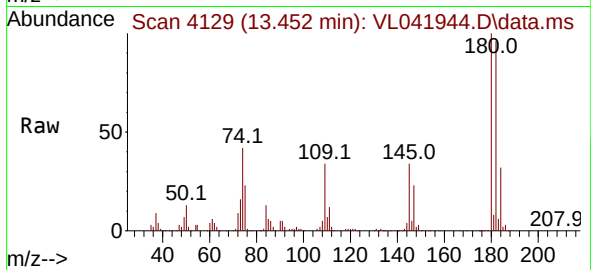
115 38.5 31.7 47.5





#81
 1,2,4-Trichlorobenzene
 Concen: 9.503 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041944.D
 Acq: 27 Jan 2025 10:05

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 242148
 Ion Ratio Lower Upper
 180 100
 182 96.5 77.0 115.6
 184 30.0 24.9 37.3

