

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041845.D
 Acq On : 07 Jan 2025 14:10
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 08 03:34:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 08 03:26:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.803	49	92601	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	213759	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	184732	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.396	95	162329	10.260	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	143451	9.441	ppbv	100
3) Chlorodifluoromethane	1.483	51	139125	9.583	ppbv	99
4) Chloromethane	1.538	50	60267	9.646	ppbv	95
5) Vinyl Chloride	1.586	62	56034	8.892	ppbv	99
6) Bromomethane	1.674	94	24662	9.136	ppbv	97
7) Chloroethane	1.712	64	22332	9.206	ppbv	100
8) Dichlorotetrafluoroethane	1.560	85	125137	9.546	ppbv	100
9) Propene	1.489	41	50222	9.937	ppbv	100
10) Heptane	5.014	43	147223	11.792	ppbv	99
11) Trichlorofluoromethane	1.887	101	145924	9.445	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.149	101	110289	9.585	ppbv	99
13) Ethanol	1.729	45	3254	4.901	ppbv	97
14) Bromoethene	1.790	108	36353	9.651	ppbv	97
15) Acetone	1.845	43	135381	7.941	ppbv	98
16) 1,3-Butadiene	1.615	39	63555	9.507	ppbv	100
17) tert-Butyl alcohol	2.052	59	145313	9.837	ppbv	99
18) 1,1-Dichloroethene	2.046	96	46435	9.639	ppbv	100
19) Isopropyl Alcohol	1.894	45	69422	8.675	ppbv	100
20) Methylene Chloride	2.072	84	41389	8.492	ppbv	97
21) Allyl Chloride	2.107	41	88763	10.107	ppbv	99
22) trans-1,2-Dichloroethene	2.353	96	51425	9.551	ppbv	94
23) Vinyl Acetate	2.476	43	49964	9.423	ppbv	97
24) 1,1-Dichloroethane	2.421	63	112770	9.570	ppbv	98
25) Ethyl Acetate	2.852	43	306986	10.738	ppbv	99
26) Hexane	2.842	57	111357	11.223	ppbv	99
27) Carbon Disulfide	2.162	76	105565	11.210	ppbv	96
28) Methyl tert-Butyl Ether	2.454	73	77901	10.417	ppbv	100
29) Chloroform	2.865	83	175788	9.536	ppbv	98
30) Cyclohexane	3.881	84	88761	11.797	ppbv	99
31) cis-1,2-Dichloroethene	2.735	61	106195	10.398	ppbv	96
32) 1,1,1-Trichloroethane	3.386	97	164951	9.874	ppbv	99
34) 2-Butanone	2.570	43	174729	10.377	ppbv	99
35) Carbon Tetrachloride	3.784	117	168248	10.414	ppbv	96
36) Benzene	3.680	78	219166	10.733	ppbv	99
37) 1,2-Dichloroethane	3.237	62	135149	10.067	ppbv	100
38) Trichloroethene	4.580	130	82268	10.476	ppbv	99
39) 1,2-Dichloropropane	4.341	63	80184	10.151	ppbv	98
40) 1,4-Dioxane	4.616	88	35756	11.695	ppbv #	95
41) Tetrahydrofuran	3.072	42	94659	11.934	ppbv	99
42) Bromodichloromethane	4.515	83	171595	10.899	ppbv	96
43) Methyl Methacrylate	4.910	69	78647	12.265	ppbv	99
44) 2,2,4-Trimethylpentane	4.667	57	393434	11.694	ppbv	99
45) t-1,3-Dichloropropene	6.451	75	68913	11.008	ppbv	94

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 ALS Vial : 1 Sample Multiplier: 1

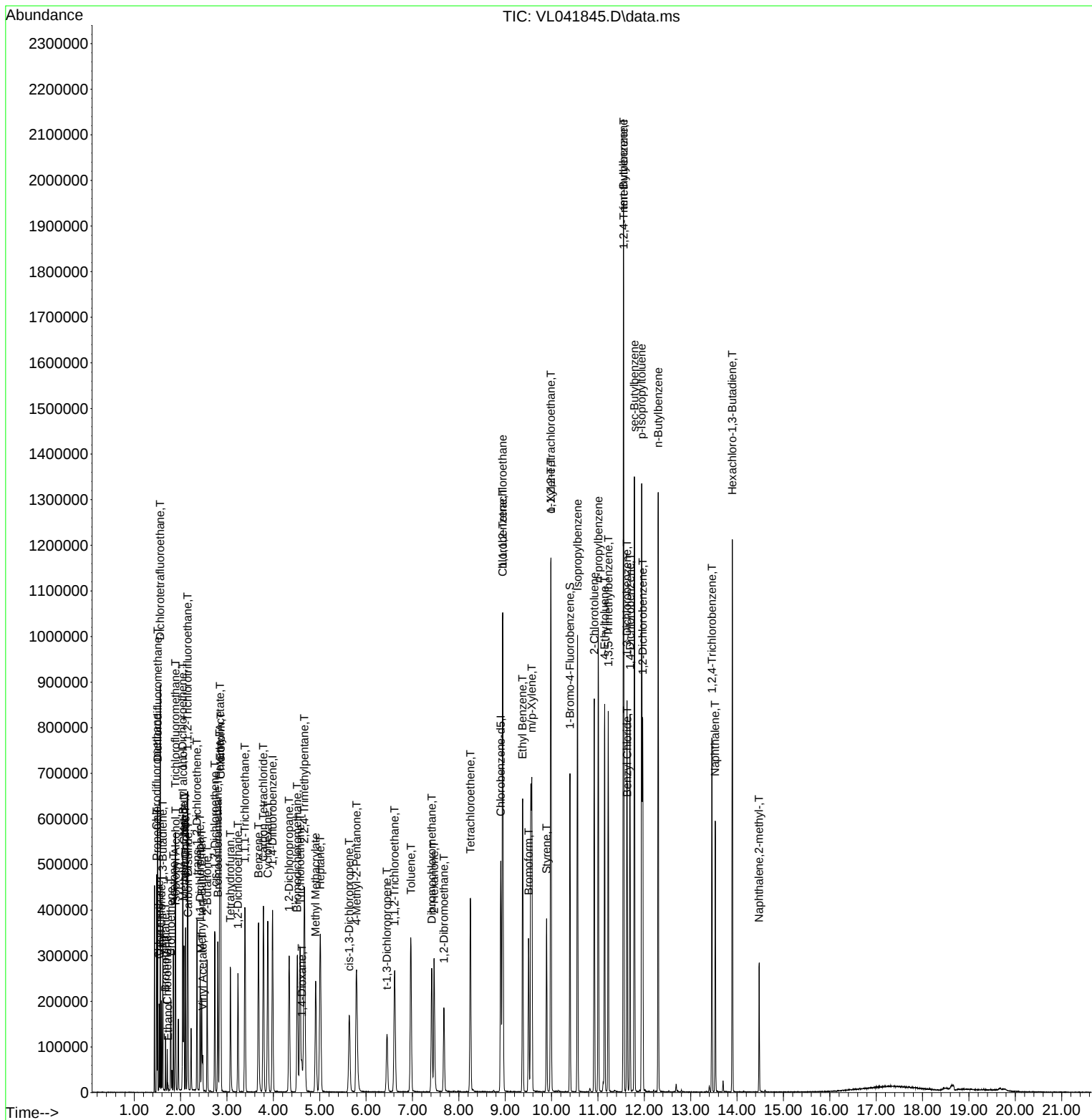
Instrument :
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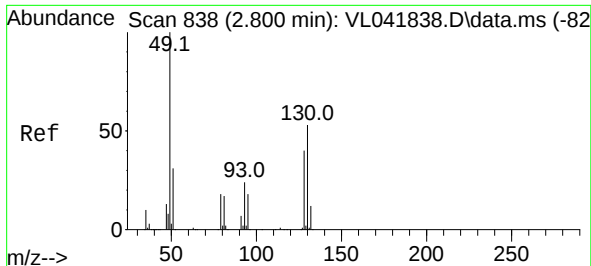
Quant Time: Jan 08 03:34:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 08 03:26:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.635	75	95759	11.616	ppbv	99
47) 1,1,2-Trichloroethane	6.616	97	83220	9.973	ppbv	93
48) Dibromochloromethane	7.415	129	122520	11.520	ppbv	99
49) Bromoform	9.506	173	101879	11.953	ppbv	99
50) 4-Methyl-2-Pentanone	5.794	43	137791	7.076	ppbv #	58
51) 2-Hexanone	7.467	43	193644	13.141	ppbv	99
52) Tetrachloroethene	8.250	164	67208	11.100	ppbv	95
53) Toluene	6.965	91	225037	12.382	ppbv	100
54) 1,2-Dibromoethane	7.678	107	110135	10.765	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.946	131	109273	10.379	ppbv	99
57) Chlorobenzene	8.943	112	189988	9.844	ppbv	98
58) Ethyl Benzene	9.373	91	326397	12.964	ppbv	97
59) m/p-Xylene	9.574	91	284342	12.819	ppbv #	30
60) o-Xylene	9.985	91	278979	12.905	ppbv	99
61) Styrene	9.891	104	112676	13.435	ppbv	99
62) Isopropylbenzene	10.558	105	414931	12.217	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.985	83	185879	9.806	ppbv	100
64) n-propylbenzene	11.008	120	107961	12.391	ppbv	99
65) tert-Butylbenzene	11.549	119	379928	12.414	ppbv	98
66) Benzyl Chloride	11.633	91	26131	10.193	ppbv	99
67) sec-Butylbenzene	11.785	105	536668	12.017	ppbv	100
69) p-Isopropyltoluene	11.943	119	435146	12.411	ppbv	99
70) n-Butylbenzene	12.299	91	430545	12.223	ppbv	100
71) 2-Chlorotoluene	10.921	91	304622	12.356	ppbv	100
72) 4-Ethyltoluene	11.144	105	330541	12.644	ppbv	99
73) 1,3,5-Trimethylbenzene	11.222	105	287547	12.558	ppbv	98
74) 1,2,4-Trimethylbenzene	11.555	105	320339	12.078	ppbv	90
75) 1,3-Dichlorobenzene	11.626	146	178940	10.080	ppbv	100
76) 1,4-Dichlorobenzene	11.691	146	178959	10.476	ppbv	100
77) 1,2-Dichlorobenzene	11.966	146	178111	9.629	ppbv	100
78) Hexachloro-1,3-Butadiene	13.898	225	113955	8.677	ppbv	99
79) Naphthalene	13.529	128	241962	12.385	ppbv	99
80) Naphthalene,2-methyl-	14.474	142	69167	9.565	ppbv	97
81) 1,2,4-Trichlorobenzene	13.458	180	111710	10.316	ppbv	99

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

Quant Time: Jan 08 03:34:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_L\methods\VL010725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSV0A_LFri Aug 26 06:05:16 2022
QLast Update : Wed Jan 08 03:26:12 2025
Response via : Initial Calibration

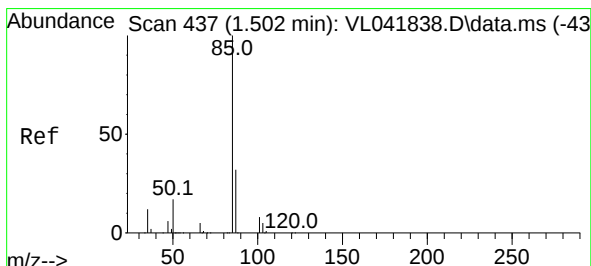
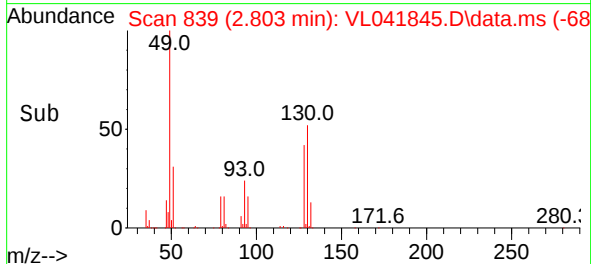
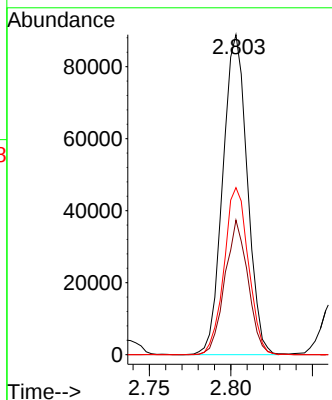
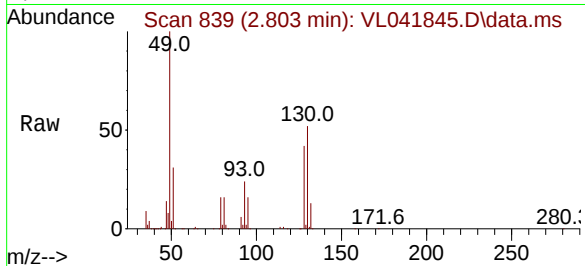




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.803 min Scan# 838
 Delta R.T. 0.003 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

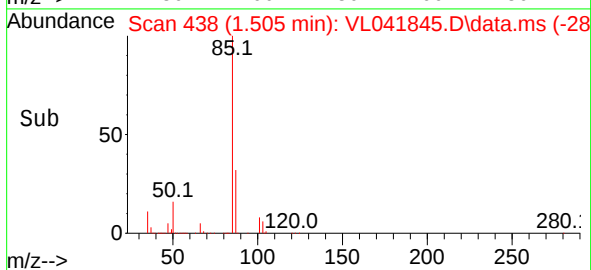
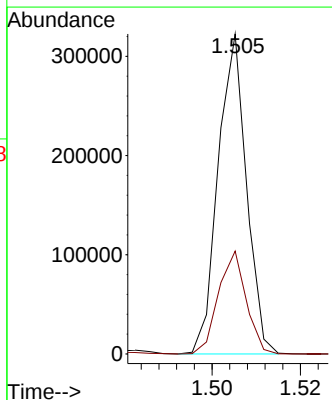
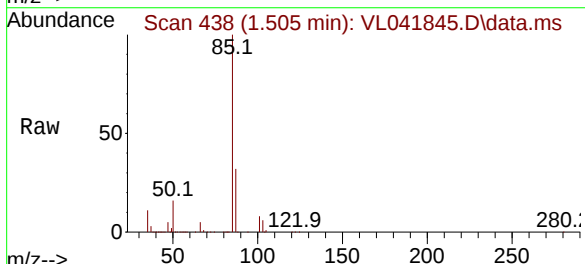
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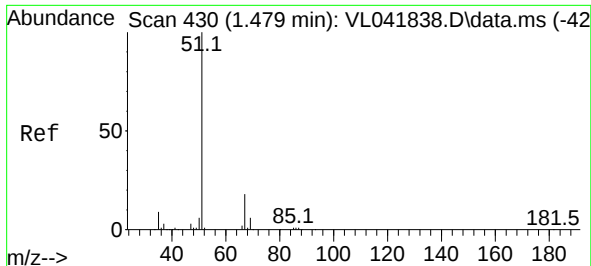
Tgt Ion: 49 Resp: 92601
 Ion Ratio Lower Upper
 49 100
 128 39.8 19.7 59.1
 130 51.9 26.4 79.2



#2
 Dichlorodifluoromethane
 Concen: 9.441 ppbv
 RT: 1.505 min Scan# 438
 Delta R.T. 0.003 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

Tgt Ion: 85 Resp: 143451
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.6 38.4

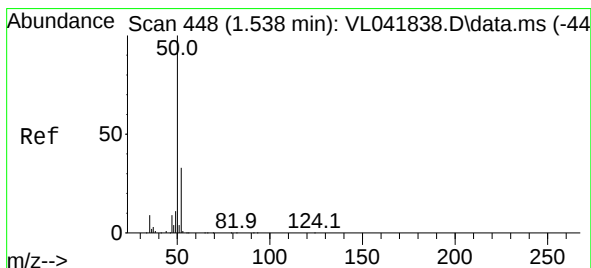
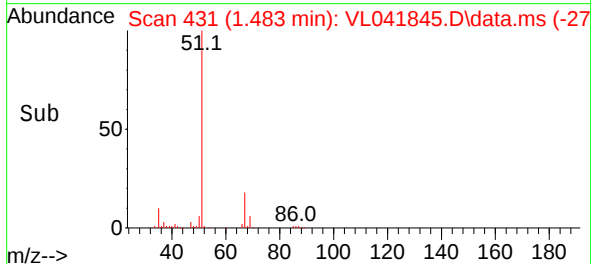
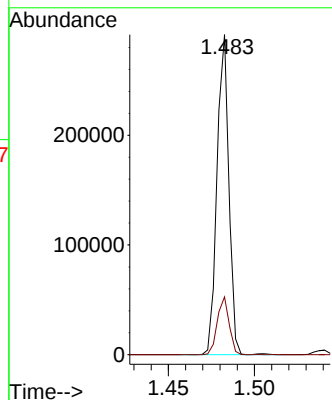
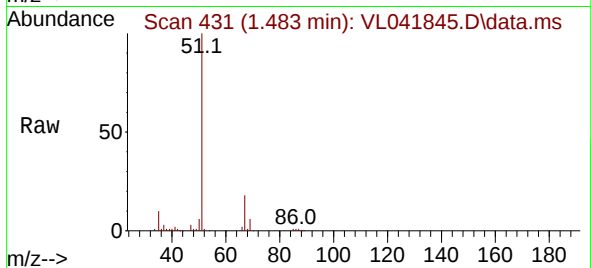




#3
Chlorodifluoromethane
Concen: 9.583 ppbv
RT: 1.483 min Scan# 430
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

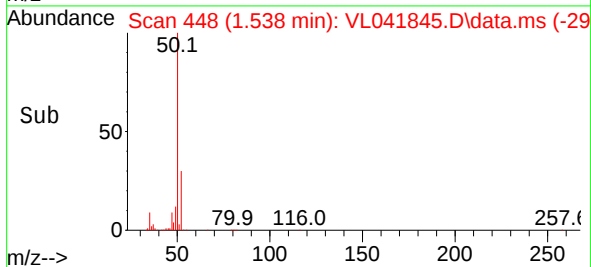
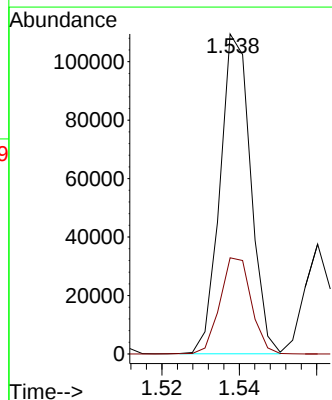
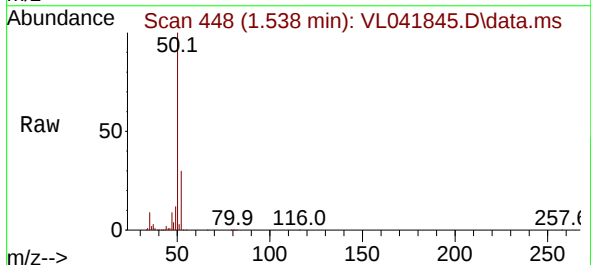
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MSVOA_L
ClientSampleId :

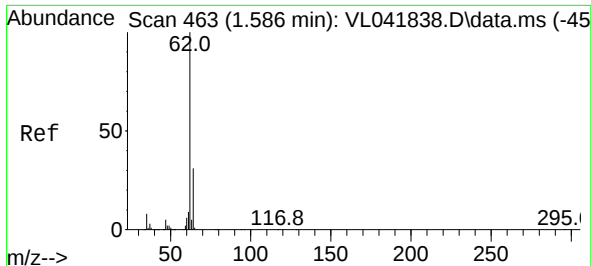
Tgt Ion: 51 Resp: 139125
Ion Ratio Lower Upper
51 100
67 18.0 14.6 22.0



#4
Chloromethane
Concen: 9.646 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion: 50 Resp: 60267
Ion Ratio Lower Upper
50 100
52 30.0 26.1 39.1

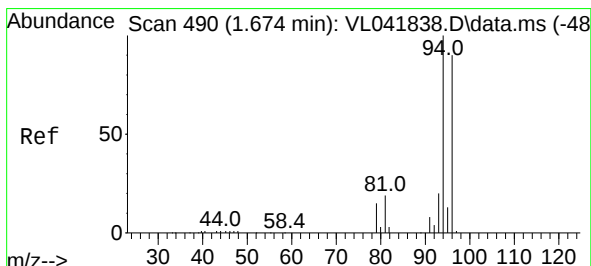
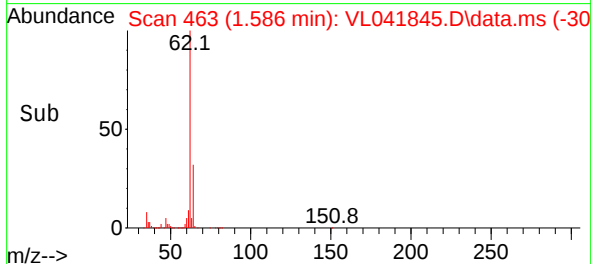
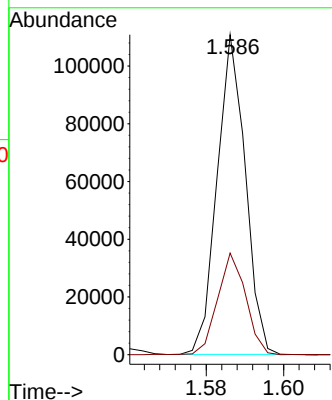
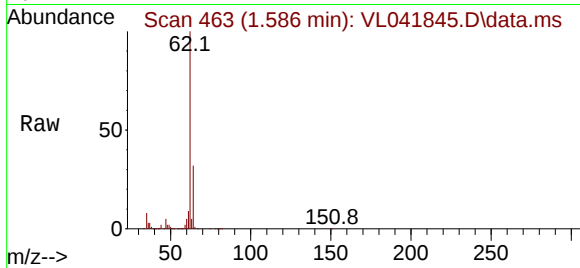




#5
 Vinyl Chloride
 Concen: 8.892 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. -0.000 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

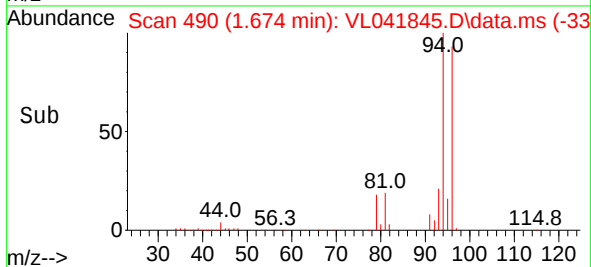
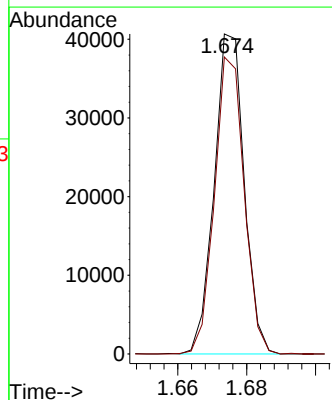
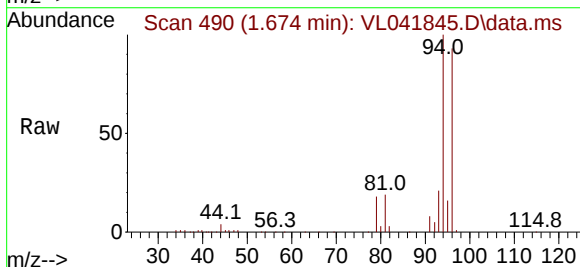
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 ClientSampleId :

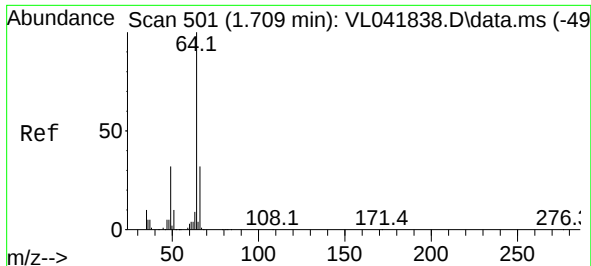
Tgt Ion: 62 Resp: 56034
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.9 37.3



#6
 Bromomethane
 Concen: 9.136 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

Tgt Ion: 94 Resp: 24662
 Ion Ratio Lower Upper
 94 100
 96 92.8 72.0 108.0

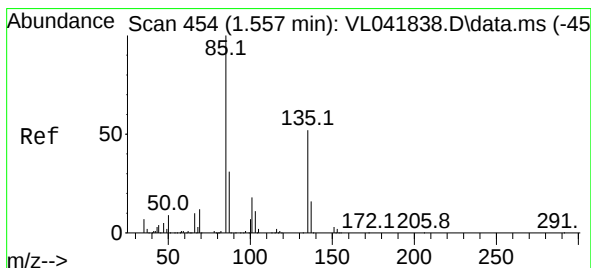
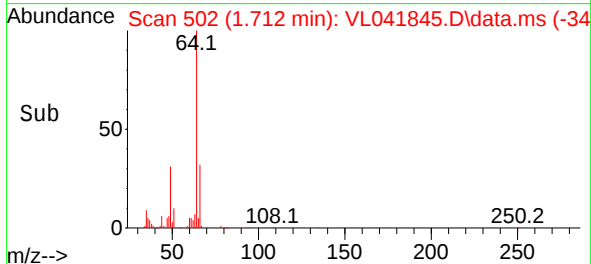
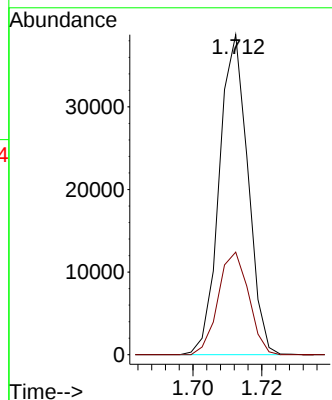
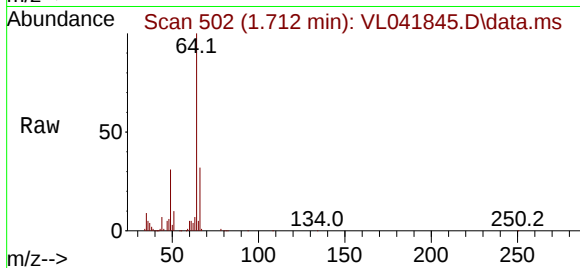




#7
Chloroethane
Concen: 9.206 ppbv
RT: 1.712 min Scan# 501
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

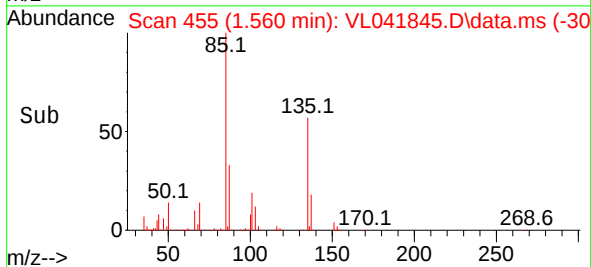
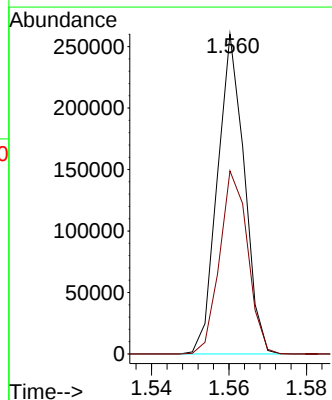
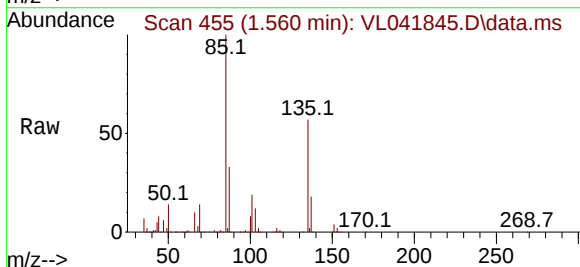
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ClientSampleId :

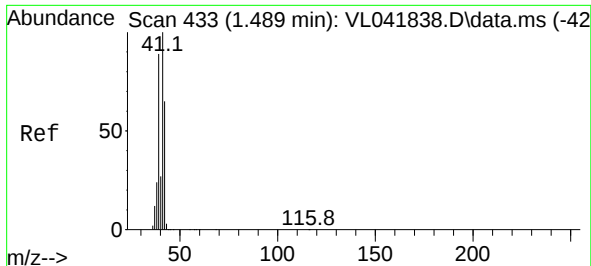
Tgt Ion: 64 Resp: 22332
Ion Ratio Lower Upper
64 100
66 32.0 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 9.546 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion: 85 Resp: 125137
Ion Ratio Lower Upper
85 100
135 59.9 47.9 71.9





#9

Propene

Concen: 9.937 ppbv

RT: 1.489 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

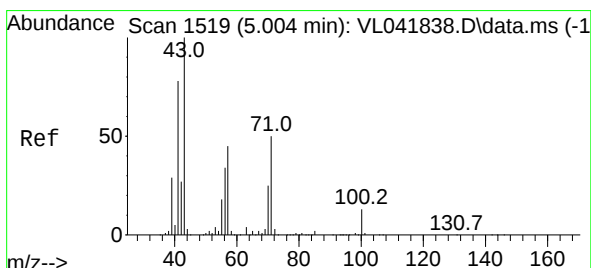
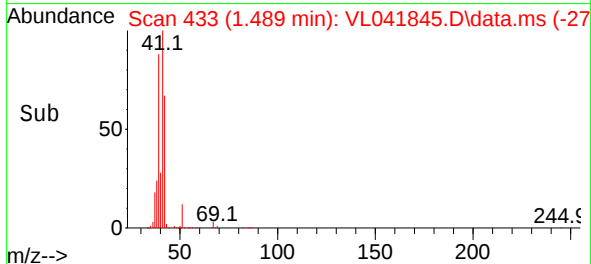
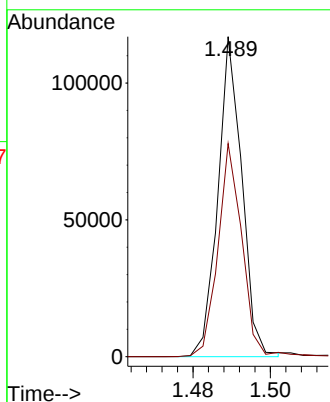
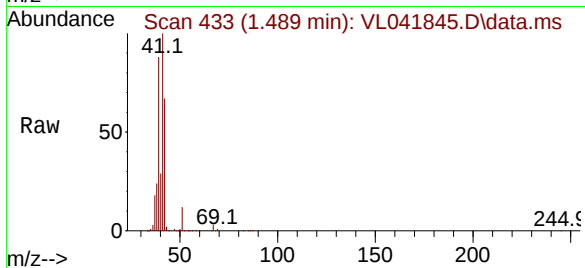
ClientSampleId :

Tgt Ion: 41 Resp: 50222

Ion Ratio Lower Upper

41 100

42 67.6 53.9 80.9



#10

Heptane

Concen: 11.792 ppbv

RT: 5.014 min Scan# 1522

Delta R.T. 0.010 min

Lab File: VL041845.D

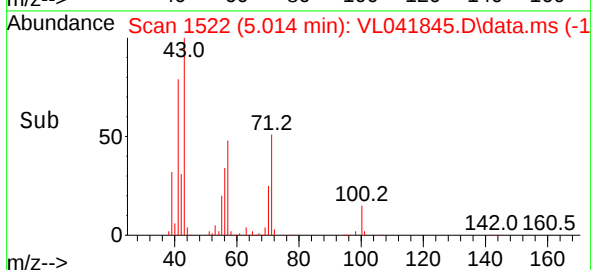
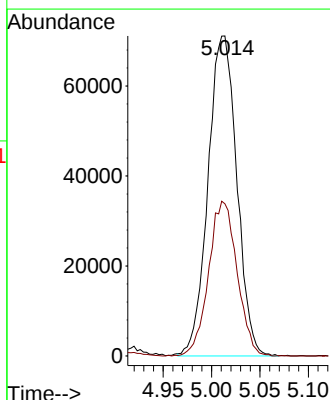
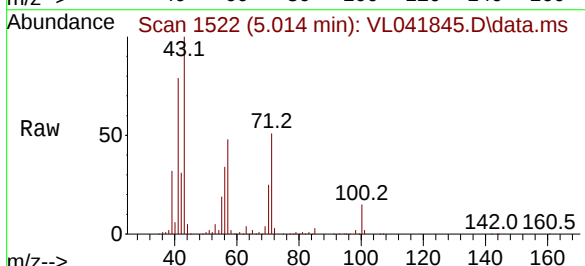
Acq: 07 Jan 2025 14:10

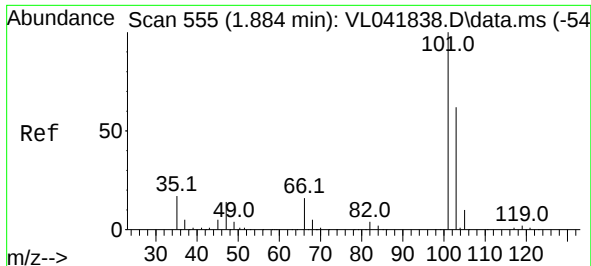
Tgt Ion: 43 Resp: 147223

Ion Ratio Lower Upper

43 100

57 47.8 37.8 56.6

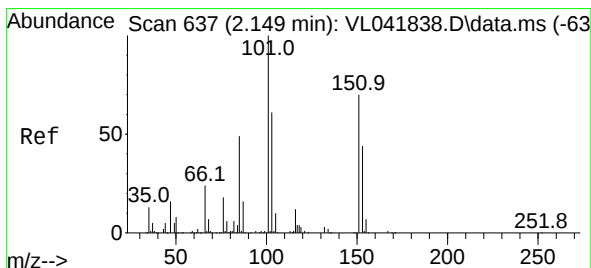
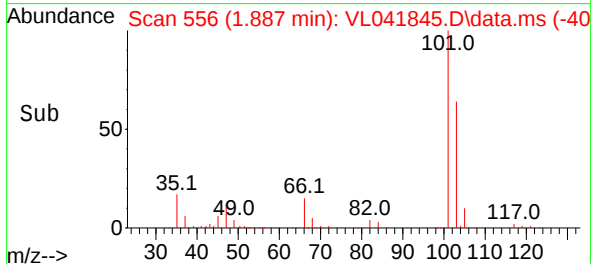
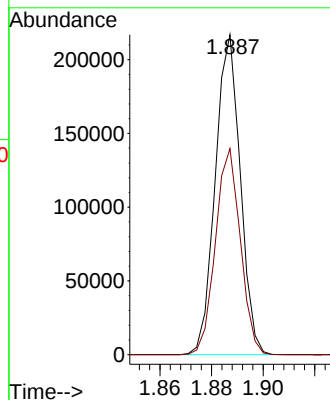
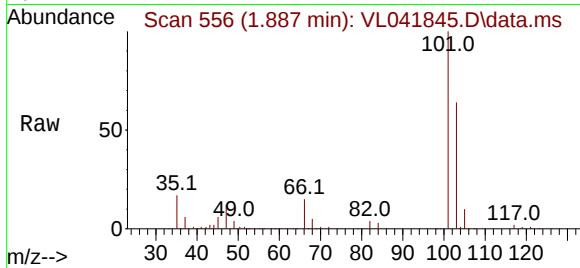




#11
 Trichlorofluoromethane
 Concen: 9.445 ppbv
 RT: 1.887 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

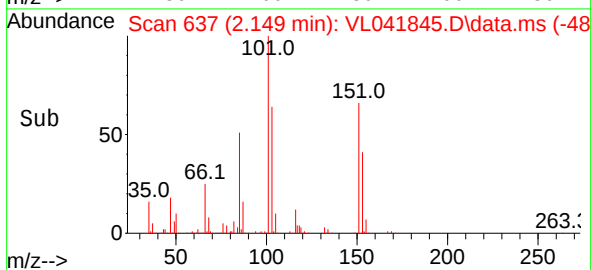
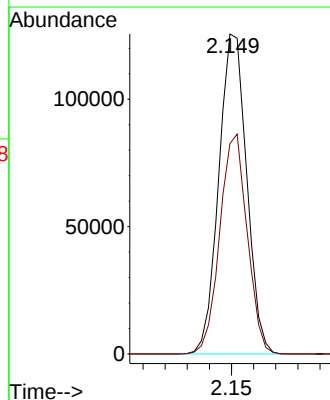
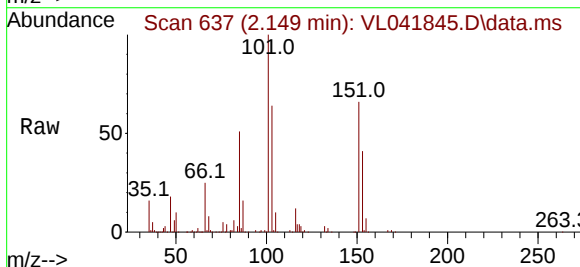
Instrument :
 MSVOA_L
 ClientSampleId :

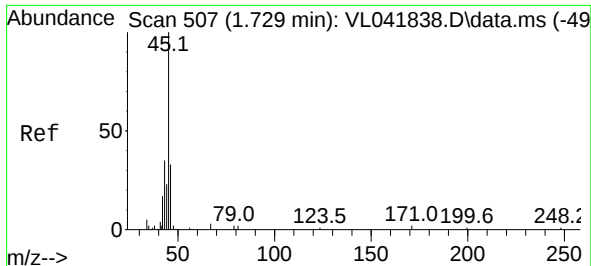
Tgt Ion:101 Resp: 145924
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.4 74.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.585 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. -0.000 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

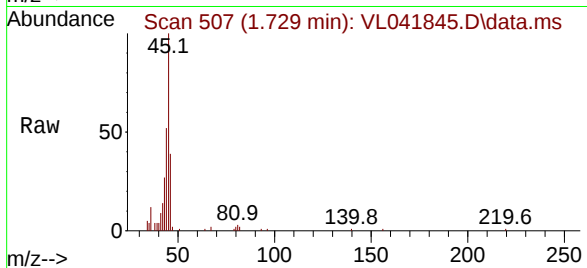
Tgt Ion:101 Resp: 110289
 Ion Ratio Lower Upper
 101 100
 151 67.4 53.2 79.8



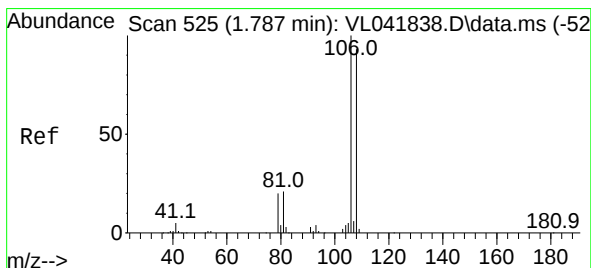
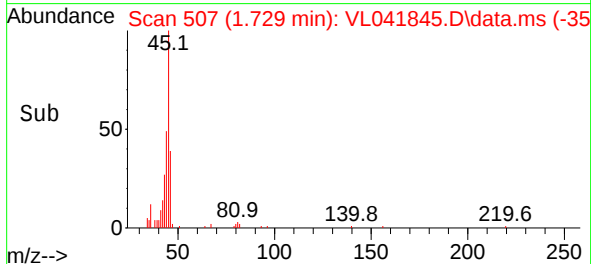
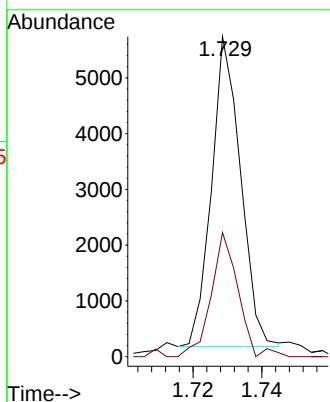


#13
Ethanol
Concen: 4.901 ppbv
RT: 1.729 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Instrument :
MSVOA_L
ClientSampleId :

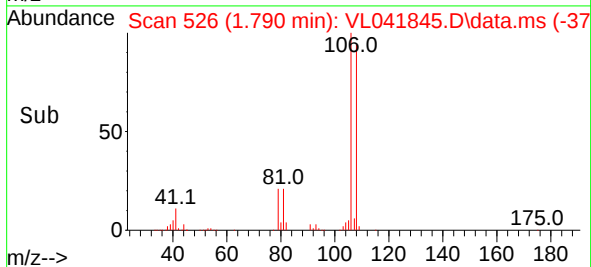
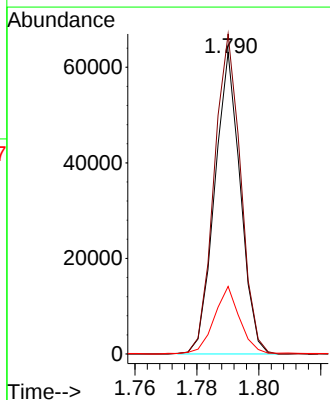
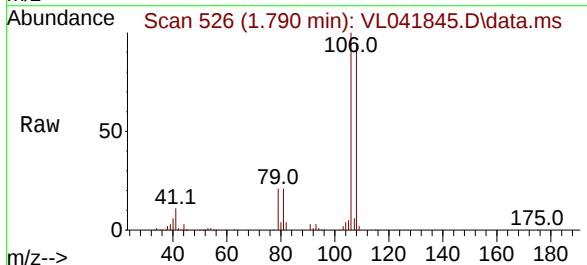


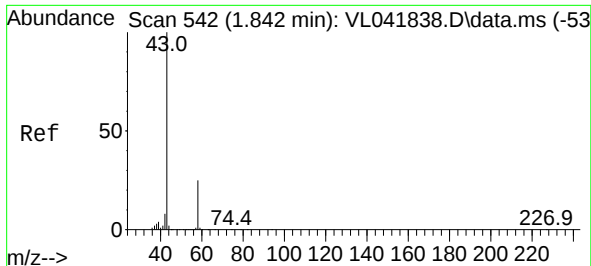
Tgt Ion: 45 Resp: 3254
Ion Ratio Lower Upper
45 100
46 38.0 14.6 58.2



#14
Bromoethene
Concen: 9.651 ppbv
RT: 1.790 min Scan# 526
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion: 108 Resp: 36353
Ion Ratio Lower Upper
108 100
106 109.4 84.6 126.8
79 23.9 18.3 27.5

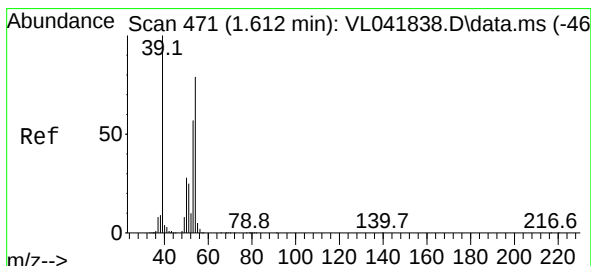
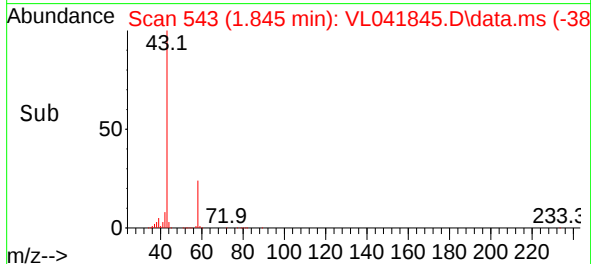
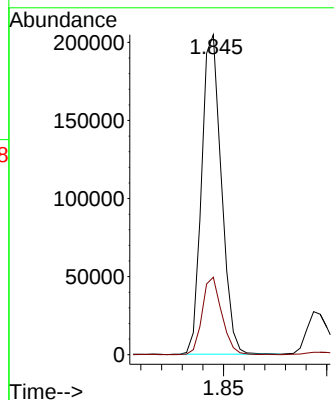
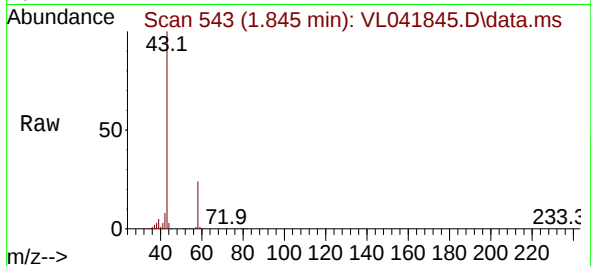




#15
Acetone
Concen: 7.941 ppbv
RT: 1.845 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

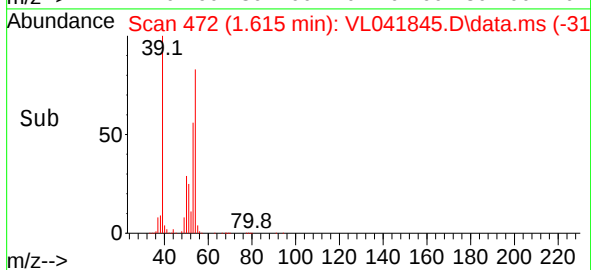
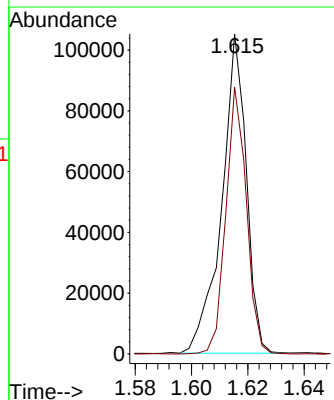
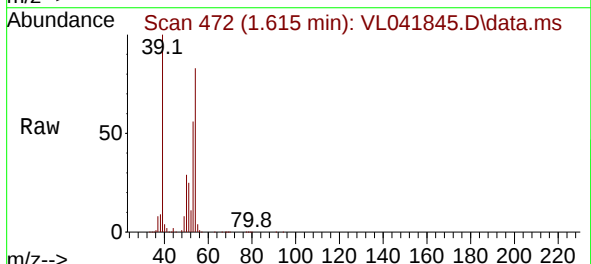
Instrument :
MSVOA_L
ClientSampleId :

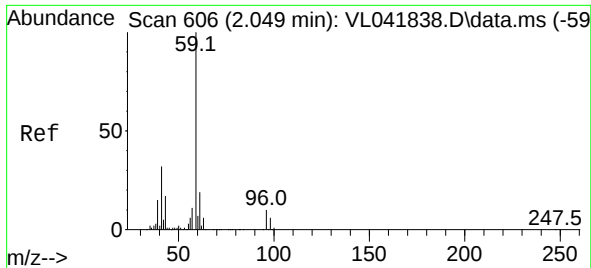
Tgt Ion: 43 Resp: 135381
Ion Ratio Lower Upper
43 100
58 24.2 20.2 30.4



#16
1,3-Butadiene
Concen: 9.507 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion: 39 Resp: 63555
Ion Ratio Lower Upper
39 100
54 70.0 56.2 84.4





#17

tert-Butyl alcohol

Concen: 9.837 ppbv

RT: 2.052 min Scan# 606

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

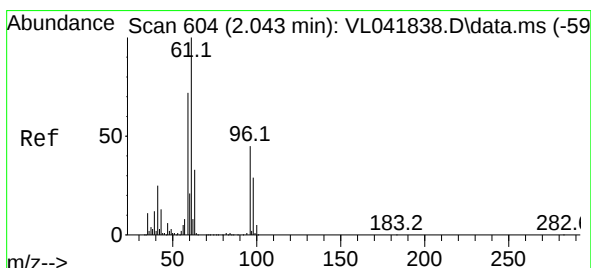
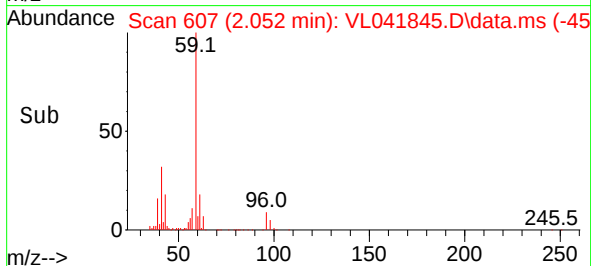
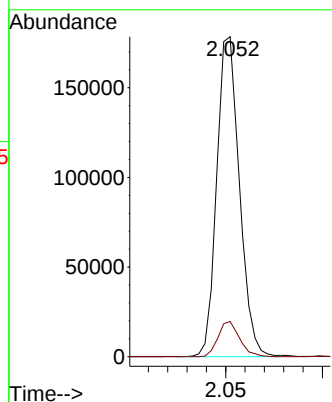
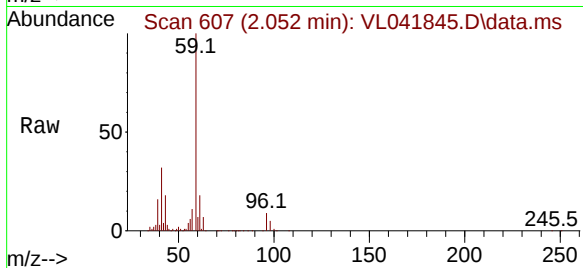
ClientSampleId :

Tgt Ion: 59 Resp: 145313

Ion Ratio Lower Upper

59 100

57 10.4 8.6 13.0



#18

1,1-Dichloroethene

Concen: 9.639 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

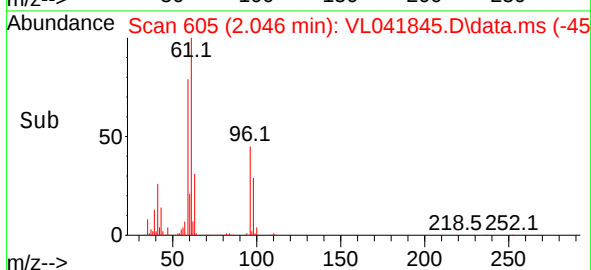
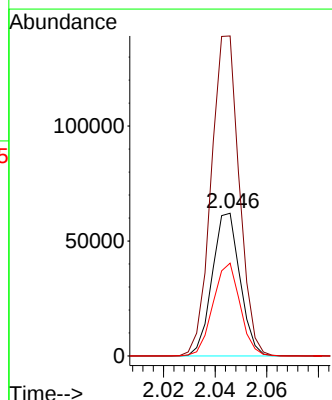
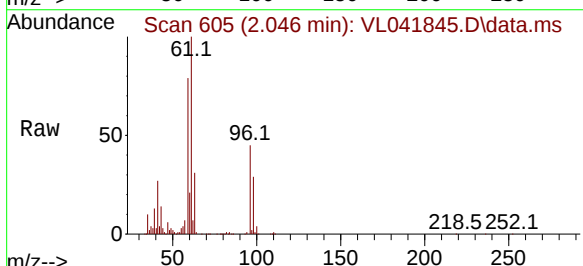
Tgt Ion: 96 Resp: 46435

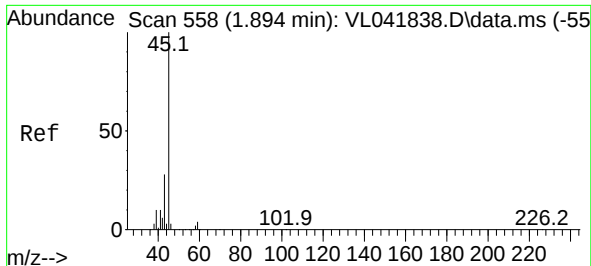
Ion Ratio Lower Upper

96 100

61 224.1 179.2 268.8

98 65.1 51.6 77.4





#19

Isopropyl Alcohol

Concen: 8.675 ppbv

RT: 1.894 min Scan# 558

Delta R.T. -0.000 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

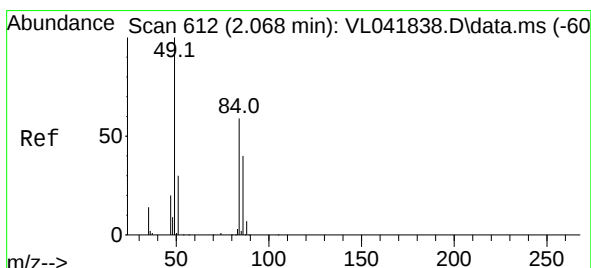
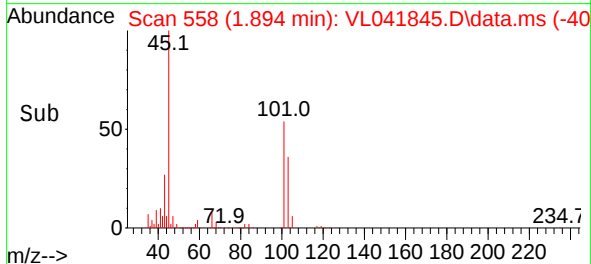
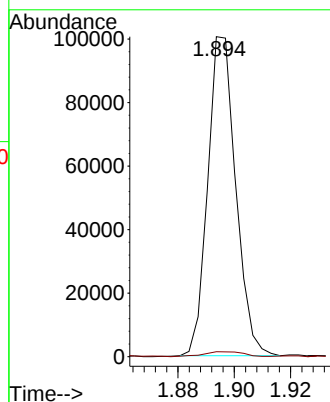
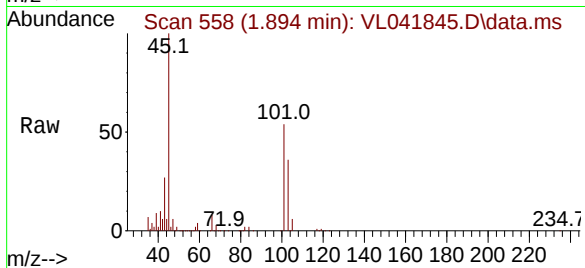
ClientSampleId :

Tgt Ion: 45 Resp: 69422

Ion Ratio Lower Upper

45 100

58 2.6 2.1 3.1



#20

Methylene Chloride

Concen: 8.492 ppbv

RT: 2.072 min Scan# 613

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Tgt Ion: 84 Resp: 41389

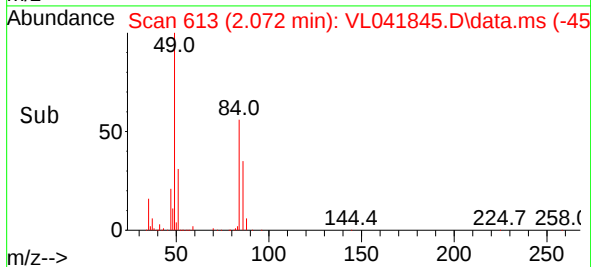
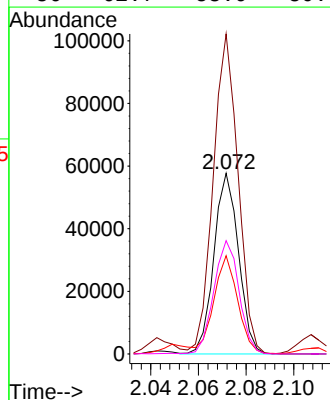
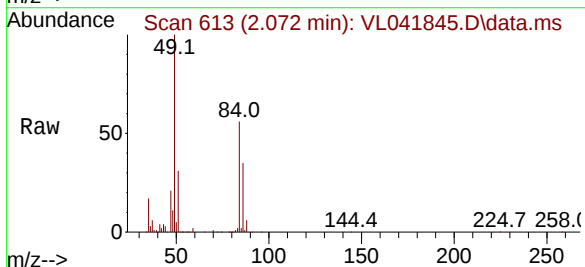
Ion Ratio Lower Upper

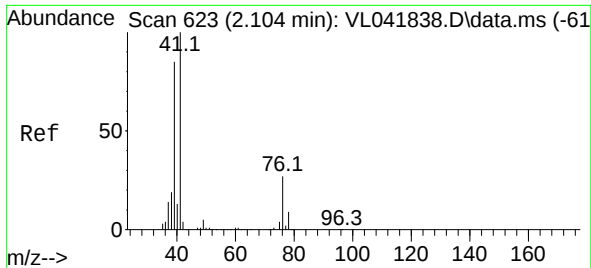
84 100

49 176.7 137.8 206.8

51 54.2 43.9 65.9

86 62.7 53.9 80.9

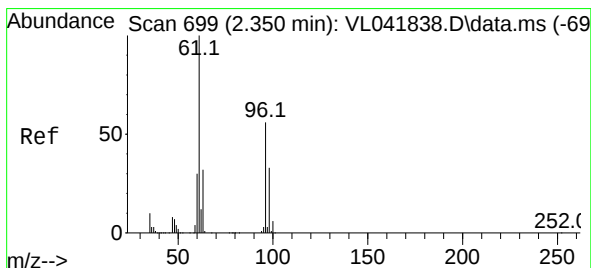
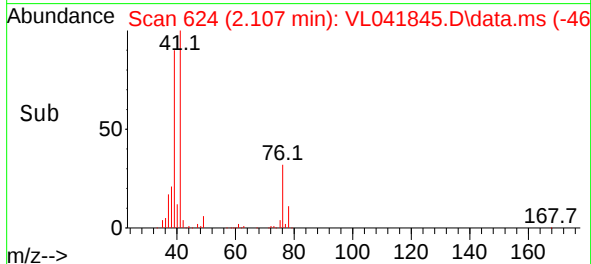
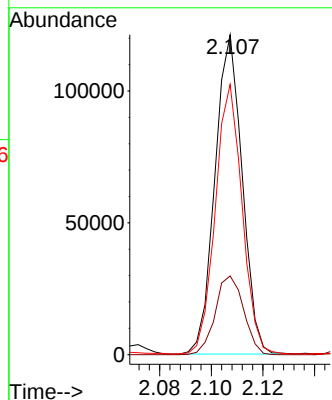
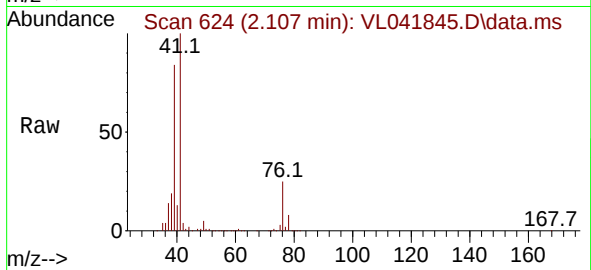




#21
 Allyl Chloride
 Concen: 10.107 ppbv
 RT: 2.107 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

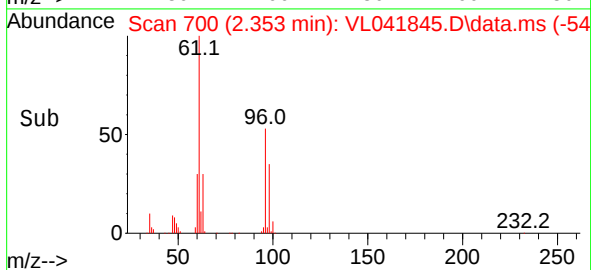
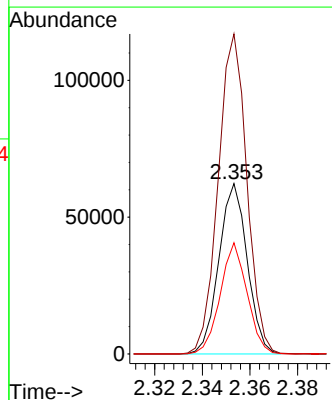
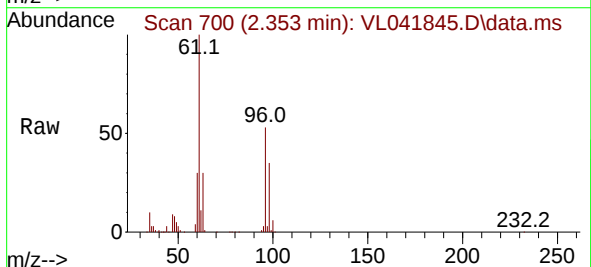
Instrument :
 MSVOA_L
 ClientSampleId :

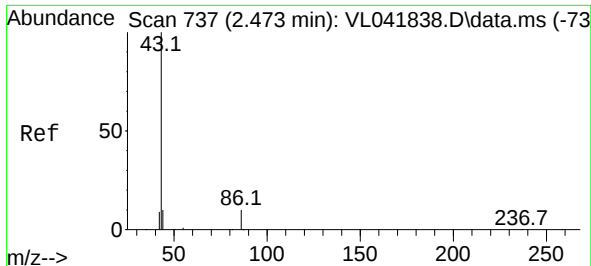
Tgt Ion: 41 Resp: 88763
 Ion Ratio Lower Upper
 41 100
 76 25.6 20.6 31.0
 39 82.8 67.0 100.6



#22
 trans-1,2-Dichloroethene
 Concen: 9.551 ppbv
 RT: 2.353 min Scan# 700
 Delta R.T. 0.003 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

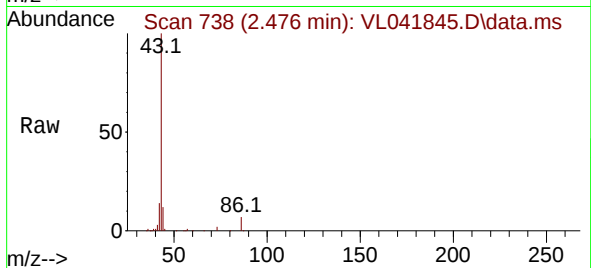
Tgt Ion: 96 Resp: 51425
 Ion Ratio Lower Upper
 96 100
 61 187.7 144.0 216.0
 98 65.3 46.9 70.3



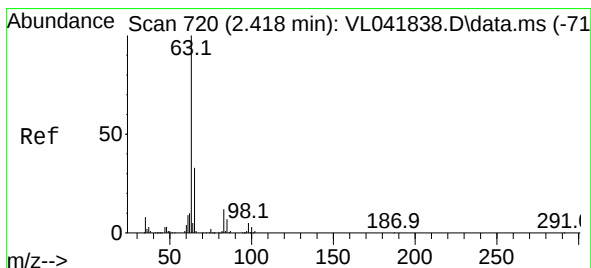
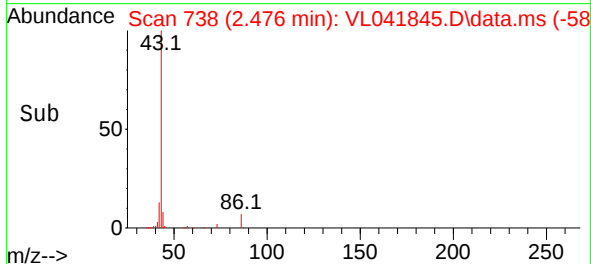
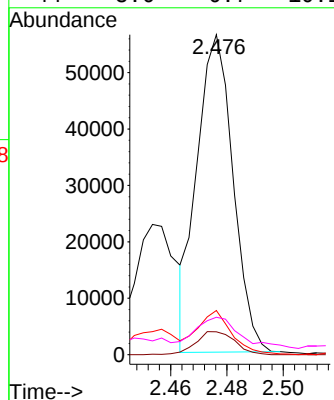


#23
Vinyl Acetate
Concen: 9.423 ppbv
RT: 2.476 min Scan# 74
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Instrument :
MSVOA_L
ClientSampleId :

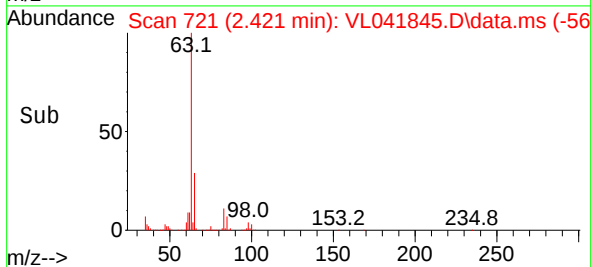
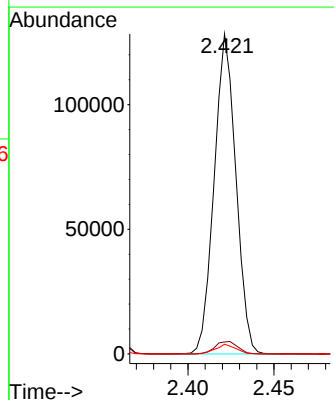
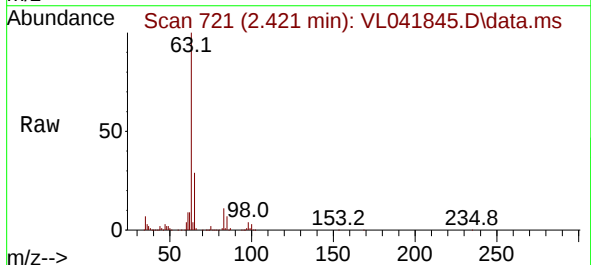


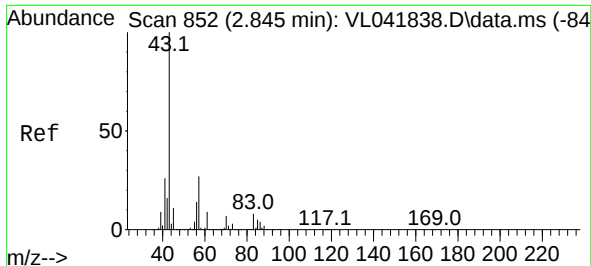
Tgt Ion: 43 Resp: 49964
Ion Ratio Lower Upper
43 100
86 7.2 6.4 9.6
42 13.7 9.5 14.3
44 8.6 6.7 10.1



#24
1,1-Dichloroethane
Concen: 9.570 ppbv
RT: 2.421 min Scan# 721
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion: 63 Resp: 112770
Ion Ratio Lower Upper
63 100
98 3.8 2.3 6.9
100 3.1 1.4 4.0

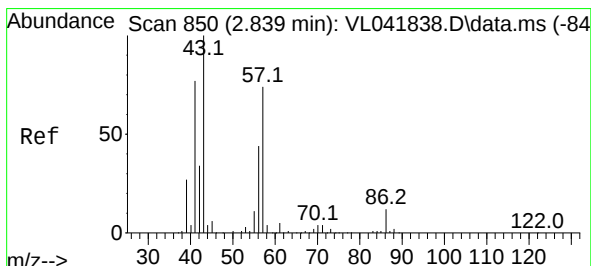
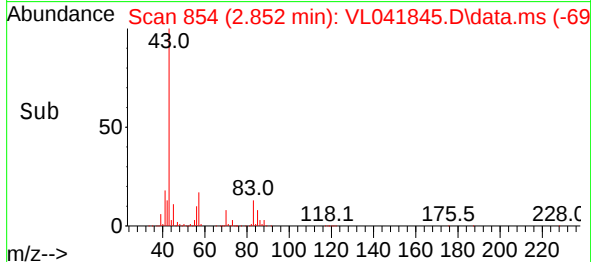
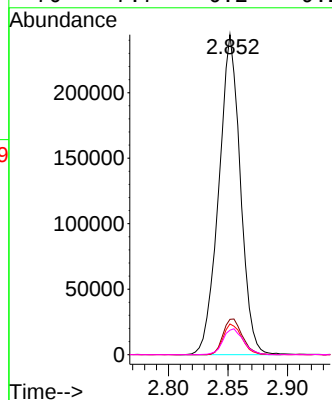
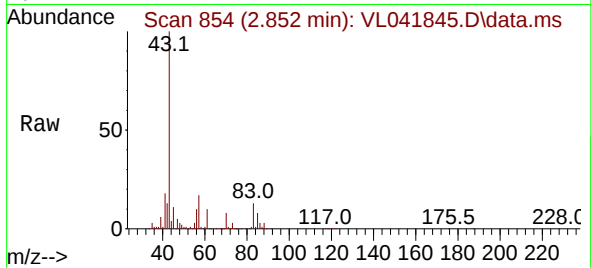




#25
Ethyl Acetate
Concen: 10.738 ppbv
RT: 2.852 min Scan# 854
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

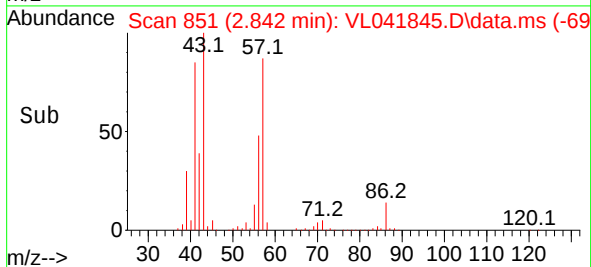
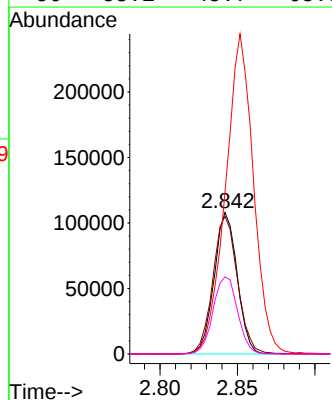
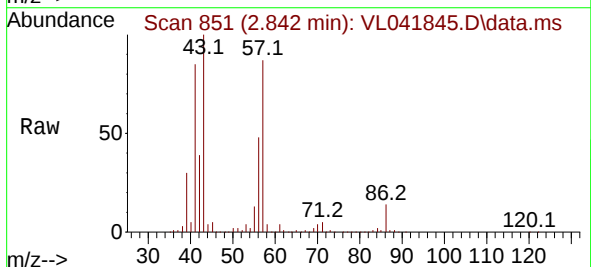
Instrument :
MSVOA_L
ClientSampleId :

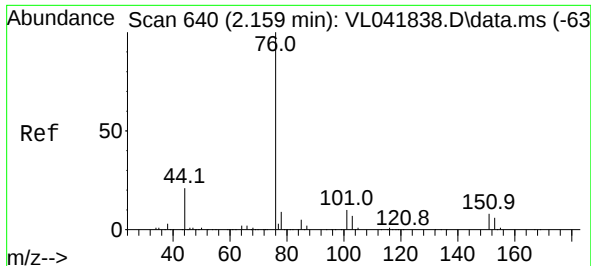
Tgt Ion: 43 Resp: 306986
Ion Ratio Lower Upper
43 100
45 10.1 7.8 11.8
61 8.3 7.0 10.6
70 7.7 6.2 9.2



#26
Hexane
Concen: 11.223 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion: 57 Resp: 111357
Ion Ratio Lower Upper
57 100
41 104.7 84.0 126.0
43 275.9 218.4 327.6
56 58.1 45.7 68.5





#27

Carbon Disulfide

Concen: 11.210 ppbv

RT: 2.162 min Scan# 641

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

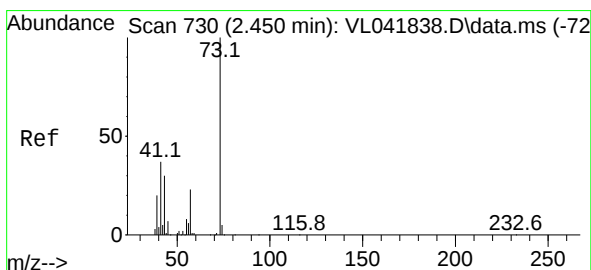
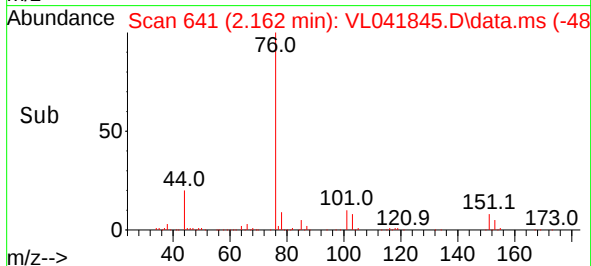
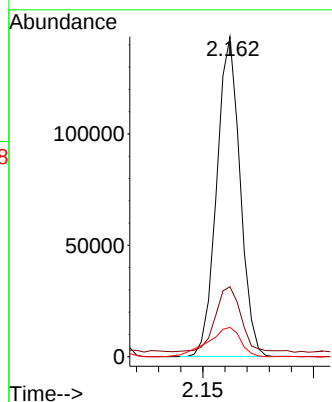
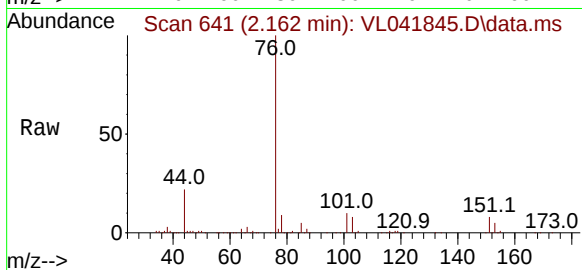
Tgt Ion: 76 Resp: 105565

Ion Ratio Lower Upper

76 100

44 22.4 19.8 29.8

78 12.8 9.8 14.8



#28

Methyl tert-Butyl Ether

Concen: 10.417 ppbv

RT: 2.454 min Scan# 731

Delta R.T. 0.003 min

Lab File: VL041845.D

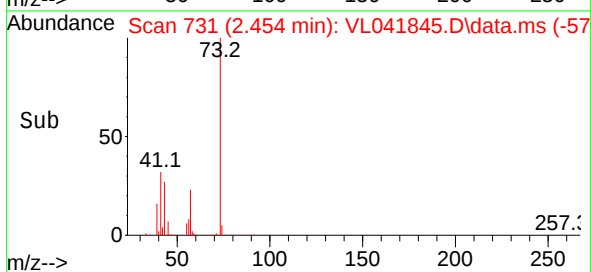
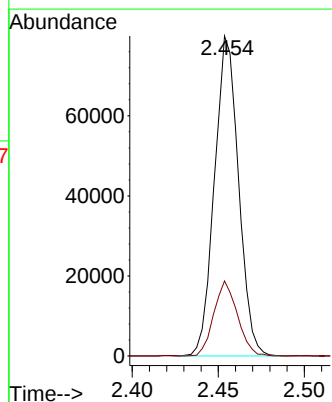
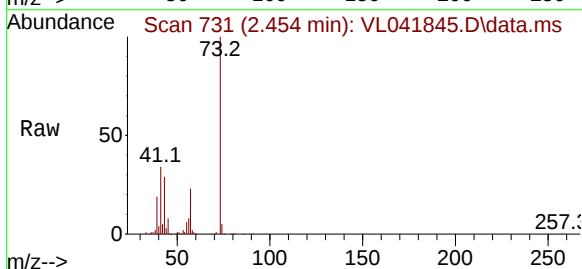
Acq: 07 Jan 2025 14:10

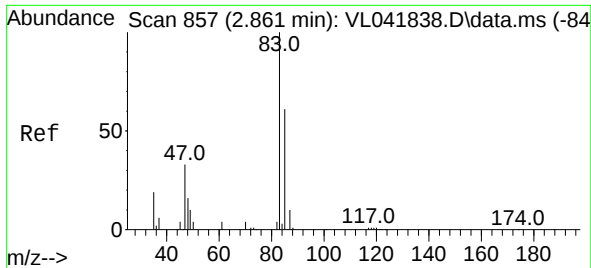
Tgt Ion: 73 Resp: 77901

Ion Ratio Lower Upper

73 100

57 23.0 18.4 27.6





#29

Chloroform

Concen: 9.536 ppbv

RT: 2.865 min Scan# 85

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

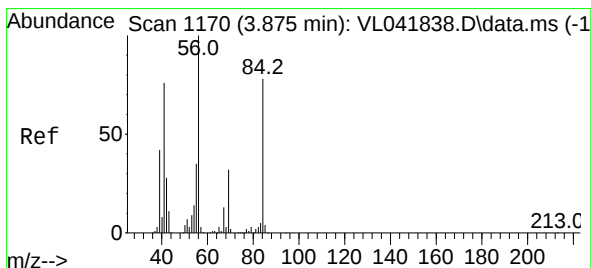
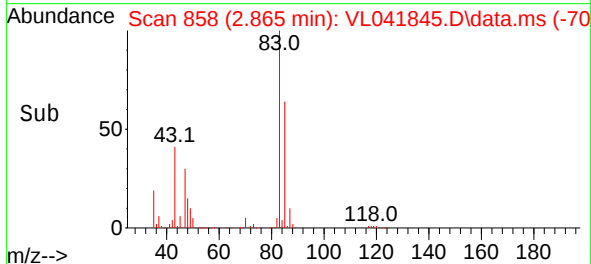
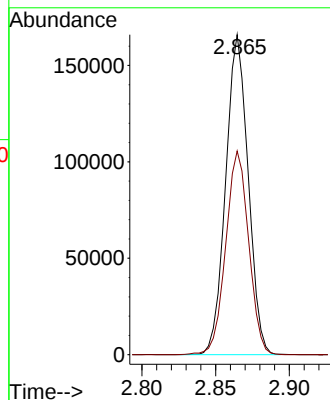
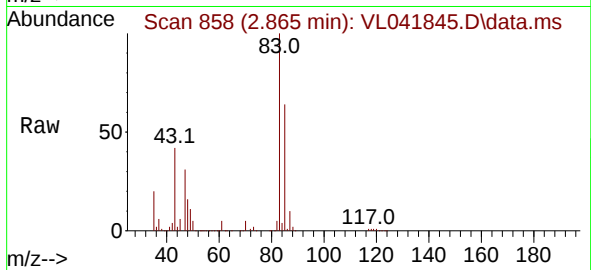
ClientSampleId :

Tgt Ion: 83 Resp: 175788

Ion Ratio Lower Upper

83 100

85 63.6 49.6 74.4



#30

Cyclohexane

Concen: 11.797 ppbv

RT: 3.881 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

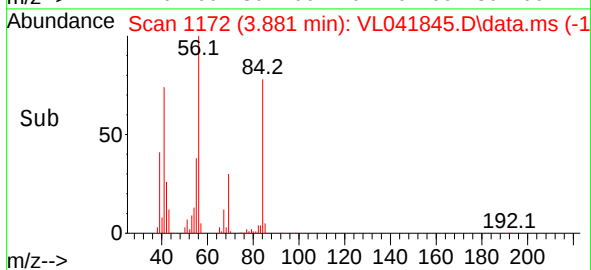
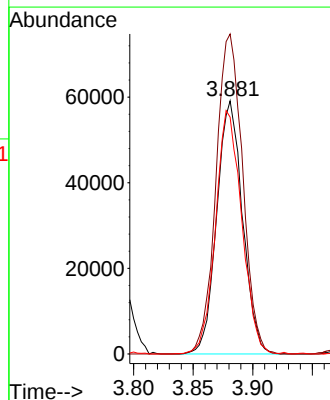
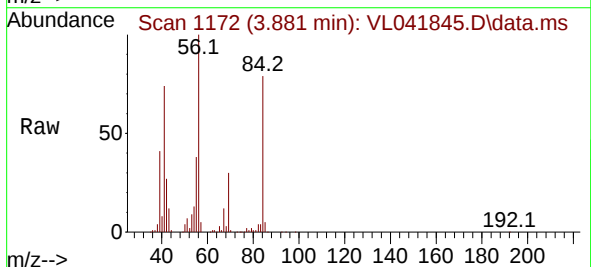
Tgt Ion: 84 Resp: 88761

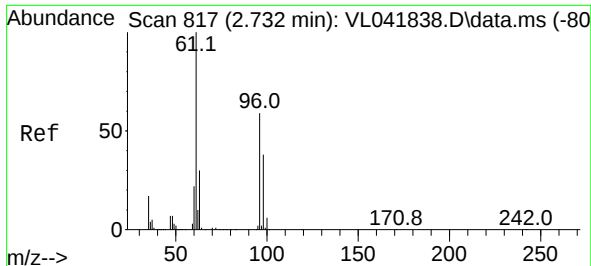
Ion Ratio Lower Upper

84 100

56 130.7 105.0 157.6

41 98.0 78.9 118.3





#31

cis-1,2-Dichloroethene

Concen: 10.398 ppbv

RT: 2.735 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

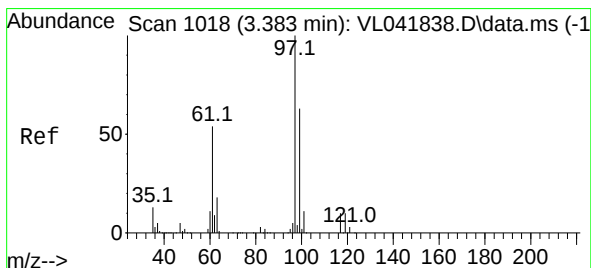
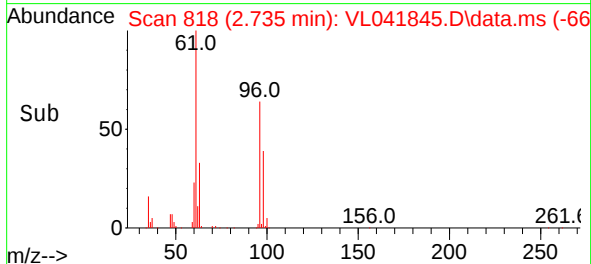
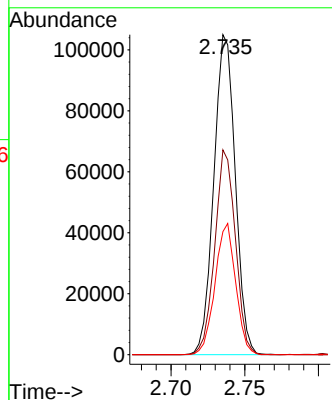
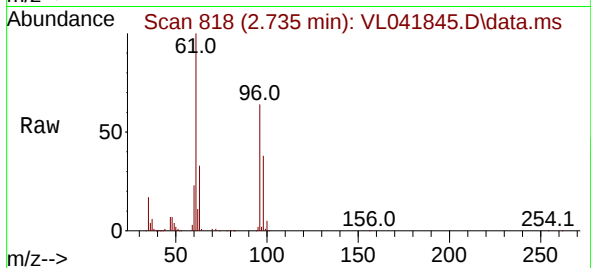
Tgt Ion: 61 Resp: 106195

Ion Ratio Lower Upper

61 100

96 64.0 47.6 71.4

98 38.4 30.2 45.2



#32

1,1,1-Trichloroethane

Concen: 9.874 ppbv

RT: 3.386 min Scan# 1019

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

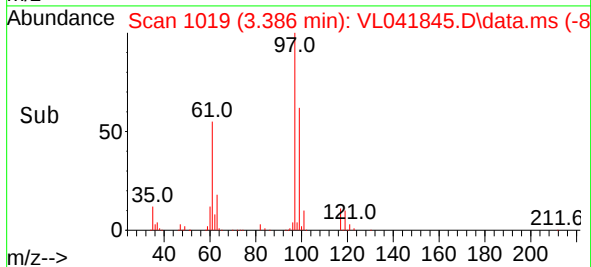
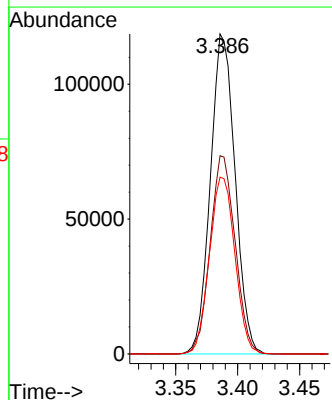
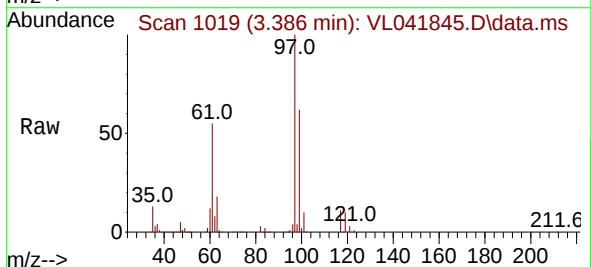
Tgt Ion: 97 Resp: 164951

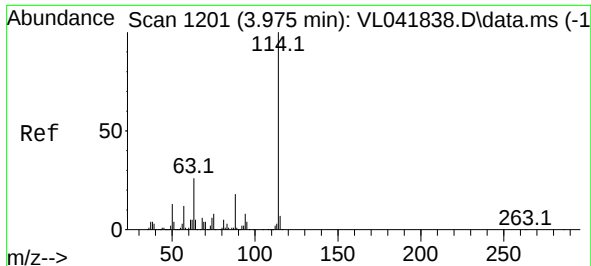
Ion Ratio Lower Upper

97 100

99 62.6 50.6 76.0

61 57.0 45.0 67.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.981 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

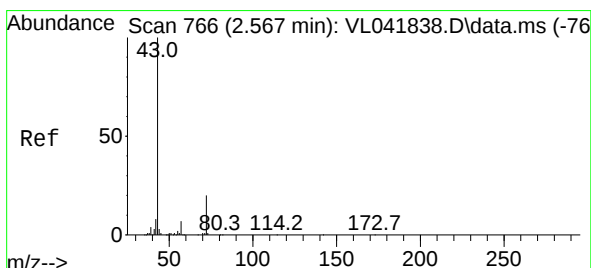
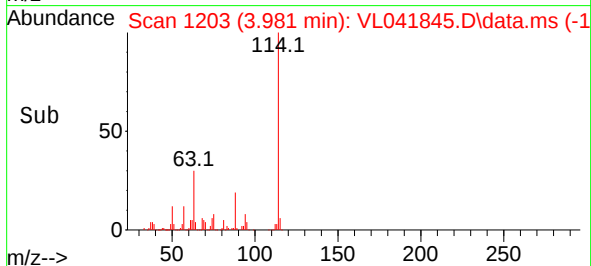
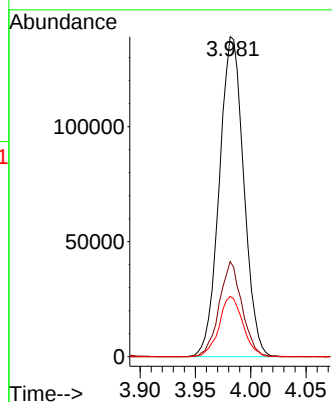
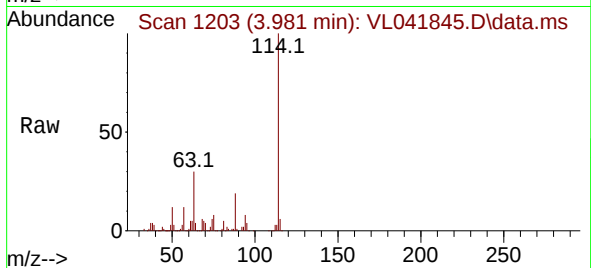
Tgt Ion:114 Resp: 213759

Ion Ratio Lower Upper

114 100

63 27.7 22.3 33.5

88 18.4 14.9 22.3



#34

2-Butanone

Concen: 10.377 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.003 min

Lab File: VL041845.D

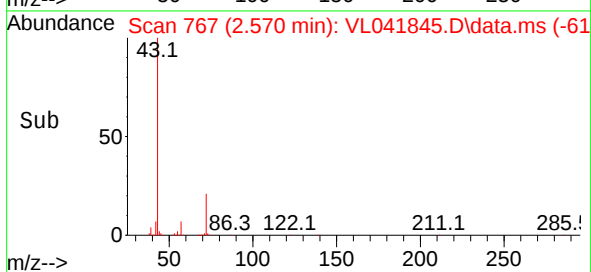
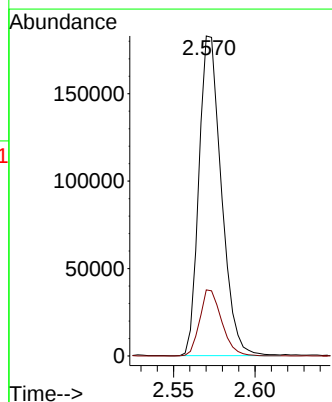
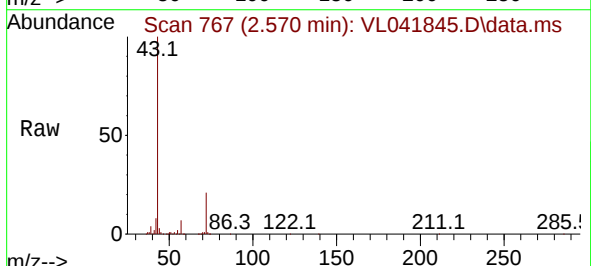
Acq: 07 Jan 2025 14:10

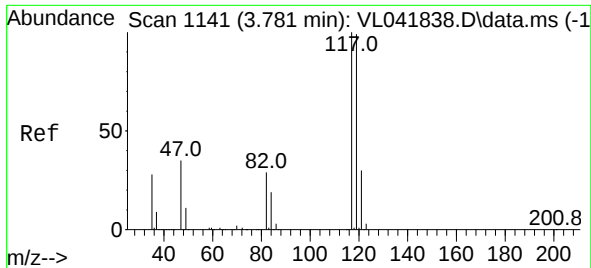
Tgt Ion: 43 Resp: 174729

Ion Ratio Lower Upper

43 100

72 20.3 16.6 25.0

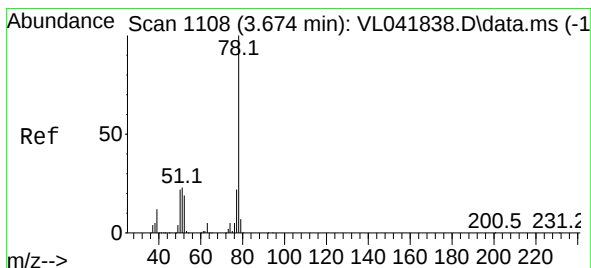
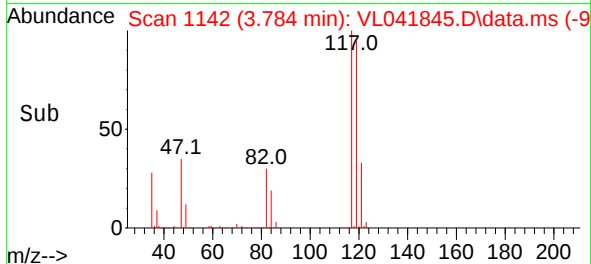
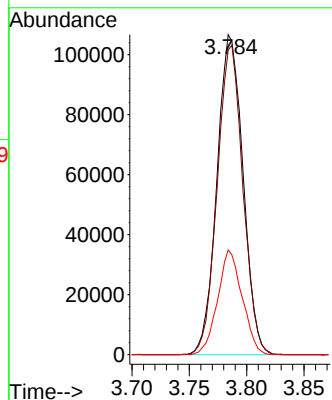
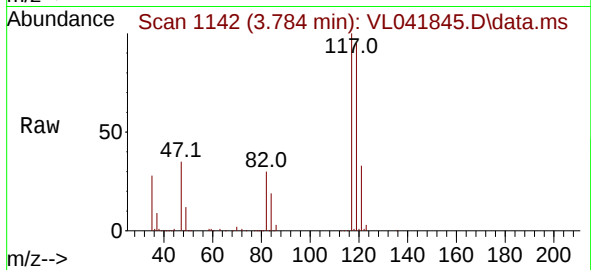




#35
Carbon Tetrachloride
Concen: 10.414 ppbv
RT: 3.784 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

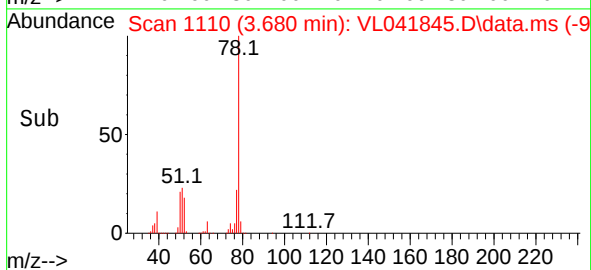
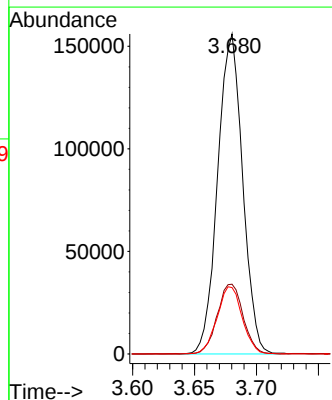
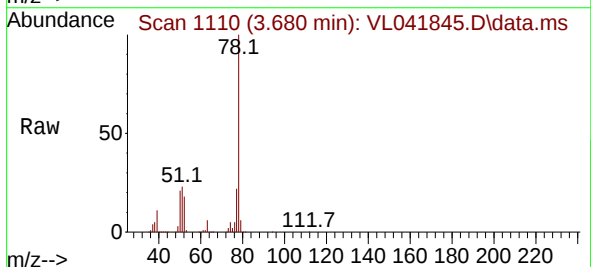
Instrument :
MSVOA_L
ClientSampleId :

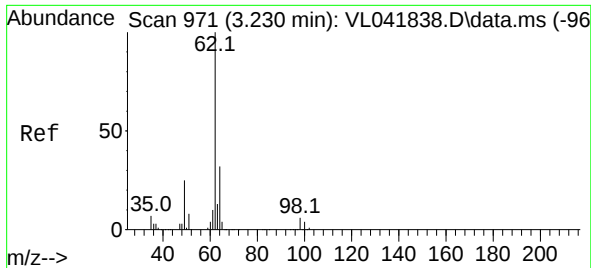
Tgt Ion:117 Resp: 168248
Ion Ratio Lower Upper
117 100
119 95.1 79.1 118.7
121 32.8 24.2 36.2



#36
Benzene
Concen: 10.733 ppbv
RT: 3.680 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion: 78 Resp: 219166
Ion Ratio Lower Upper
78 100
77 21.8 17.4 26.0
50 20.7 17.3 25.9





#37

1,2-Dichloroethane

Concen: 10.067 ppbv

RT: 3.237 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

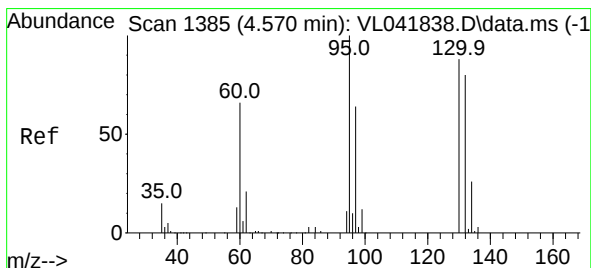
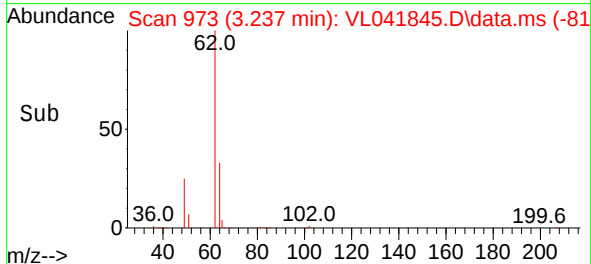
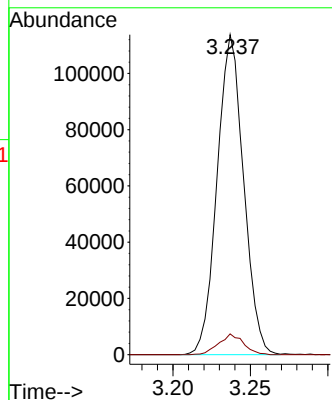
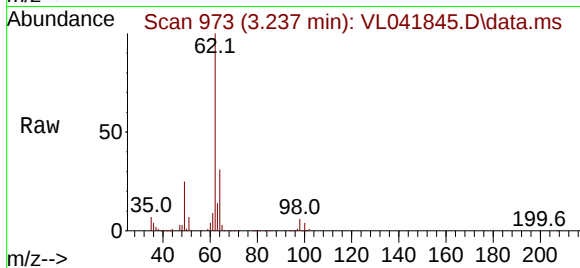
ClientSampleId :

Tgt Ion: 62 Resp: 135149

Ion Ratio Lower Upper

62 100

98 6.0 4.8 7.2



#38

Trichloroethene

Concen: 10.476 ppbv

RT: 4.580 min Scan# 1388

Delta R.T. 0.010 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Tgt Ion:130 Resp: 82268

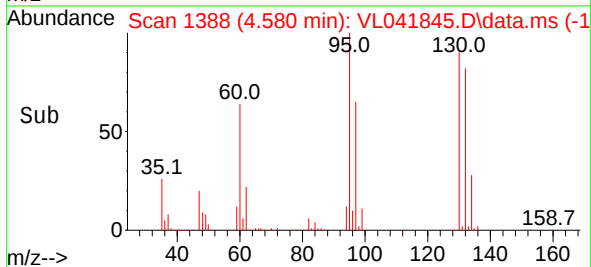
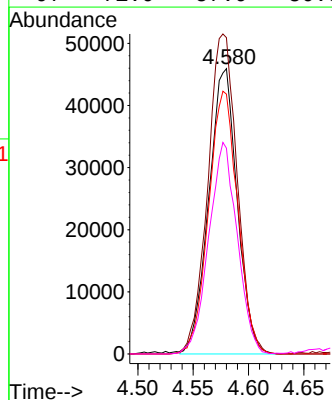
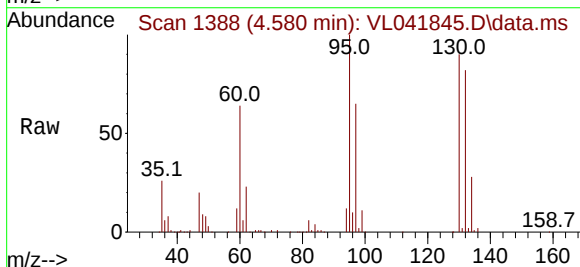
Ion Ratio Lower Upper

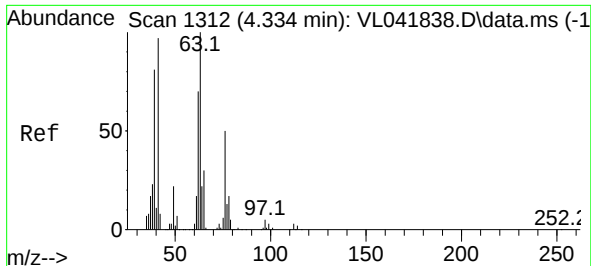
130 100

95 110.9 90.1 135.1

132 91.1 71.8 107.8

97 71.9 57.9 86.9





#39

1,2-Dichloropropane

Concen: 10.151 ppbv

RT: 4.341 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

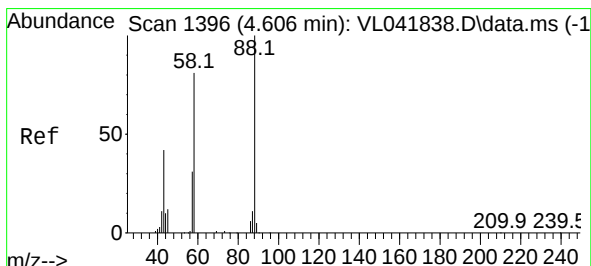
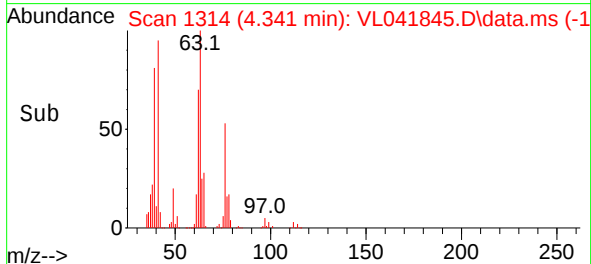
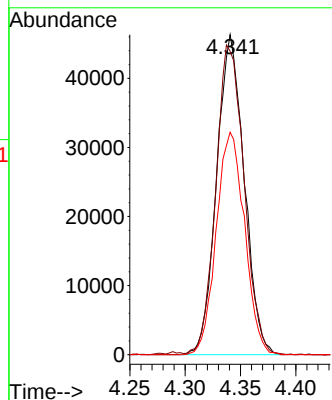
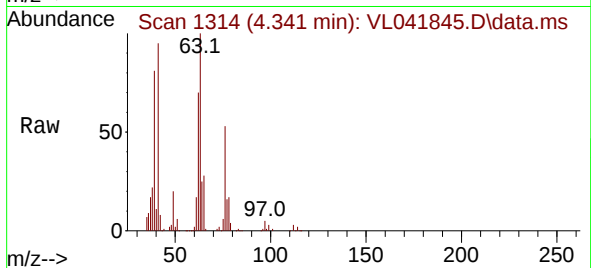
Tgt Ion: 63 Resp: 80184

Ion Ratio Lower Upper

63 100

41 94.5 77.7 116.5

62 69.5 56.2 84.2



#40

1,4-Dioxane

Concen: 11.695 ppbv

RT: 4.616 min Scan# 1399

Delta R.T. 0.010 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Tgt Ion: 88 Resp: 35756

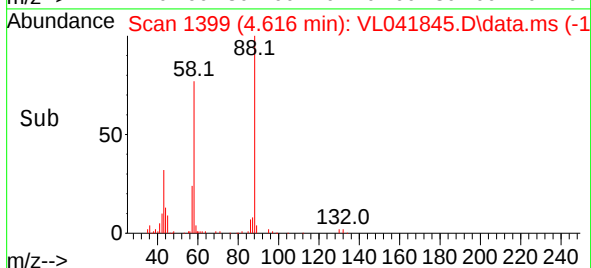
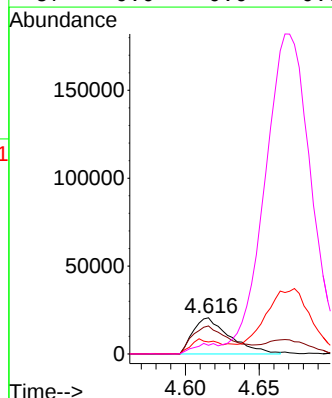
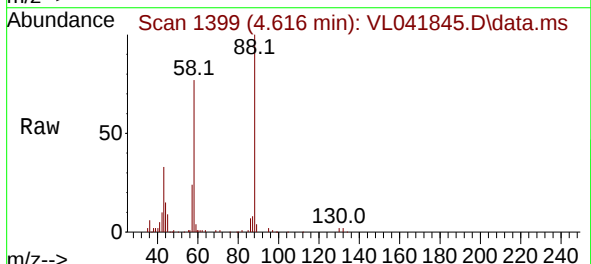
Ion Ratio Lower Upper

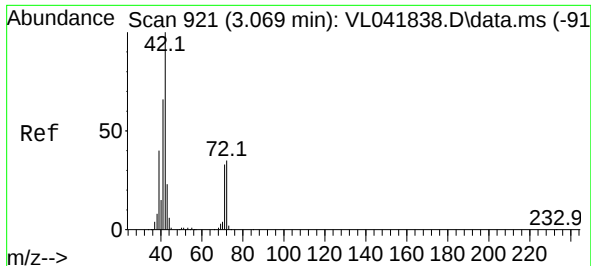
88 100

58 81.8 63.0 94.6

43 43.2 30.0 45.0

57 0.0 0.0 0.0

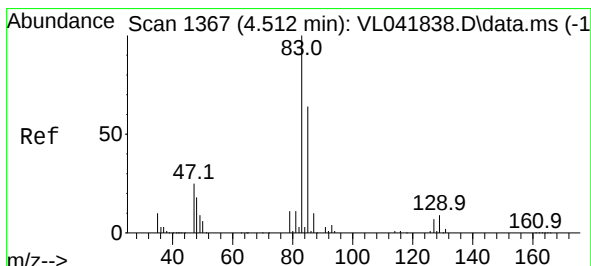
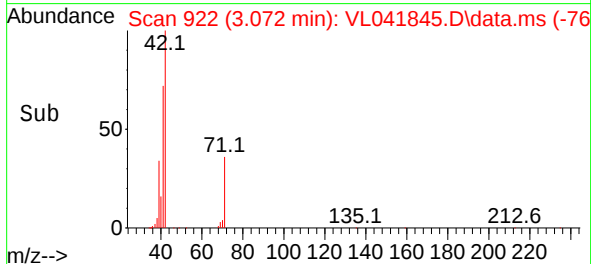
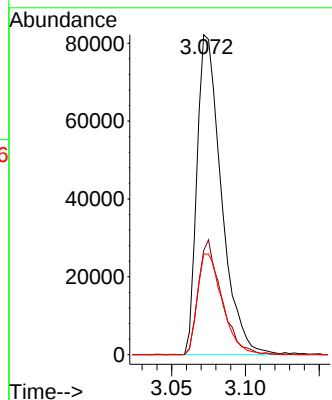
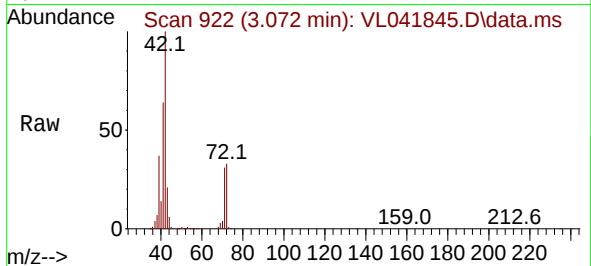




#41
Tetrahydrofuran
Concen: 11.934 ppbv
RT: 3.072 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

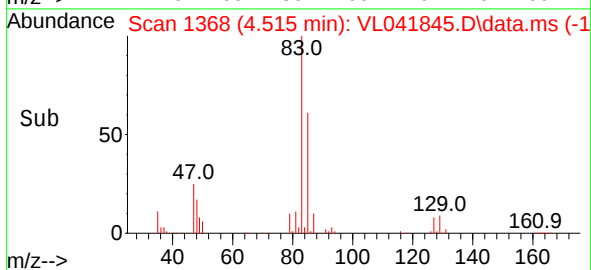
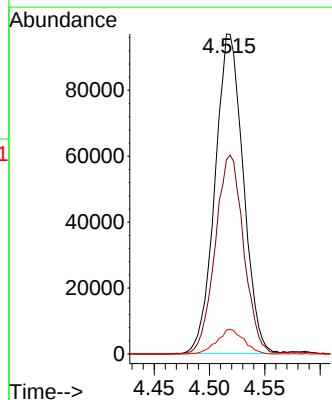
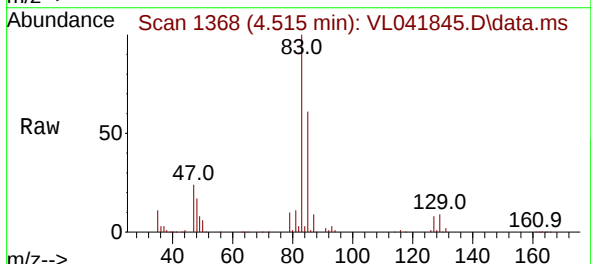
Instrument :
MSVOA_L
ClientSampleId :

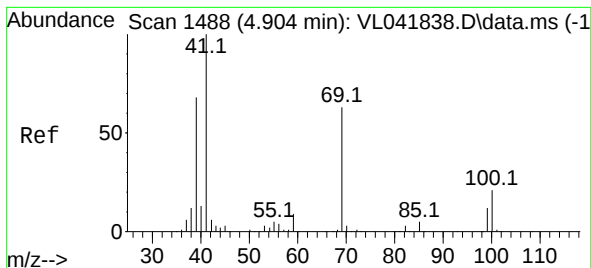
Tgt Ion: 42 Resp: 94659
Ion Ratio Lower Upper
42 100
72 34.1 27.9 41.9
71 32.3 26.5 39.7



#42
Bromodichloromethane
Concen: 10.899 ppbv
RT: 4.515 min Scan# 1368
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion: 83 Resp: 171595
Ion Ratio Lower Upper
83 100
85 60.8 51.3 76.9
127 7.5 5.6 8.4





#43

Methyl Methacrylate

Concen: 12.265 ppbv

RT: 4.910 min Scan# 1490

Delta R.T. 0.006 min

Lab File: VL041845.D

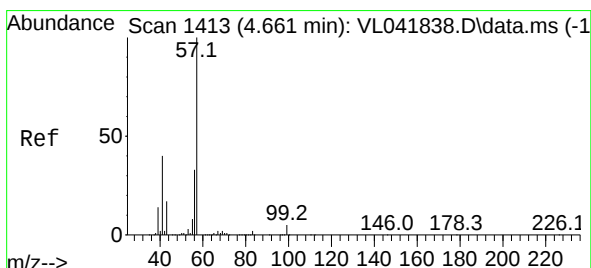
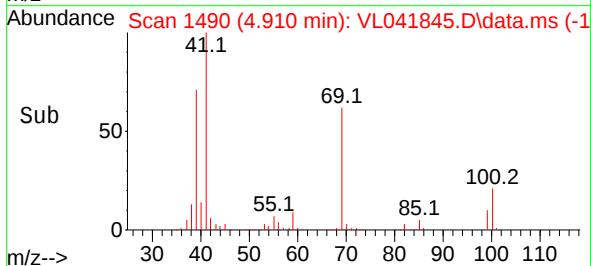
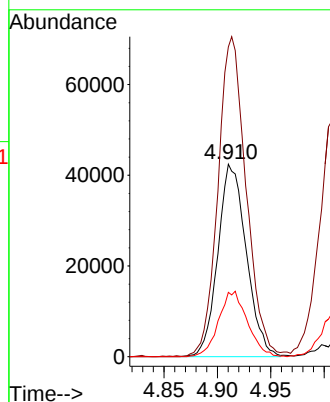
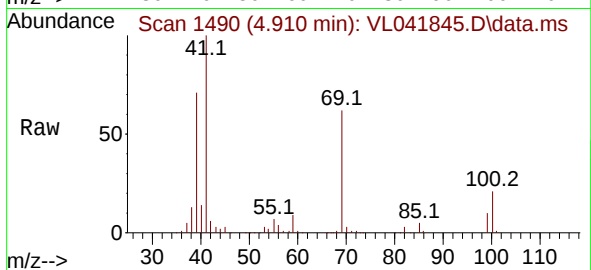
Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_1

ClientSampleId :

Tgt Ion:	69	Resp:	78647
Ion	Ratio	Lower	Upper
69	100		
41	164.1	132.2	198.2
100	34.4	28.2	42.4



#44

2,2,4-Trimethylpentane

Concen: 11.694 ppbv

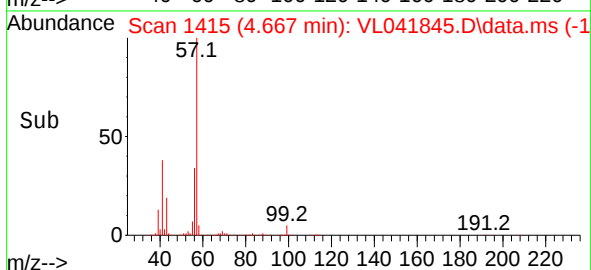
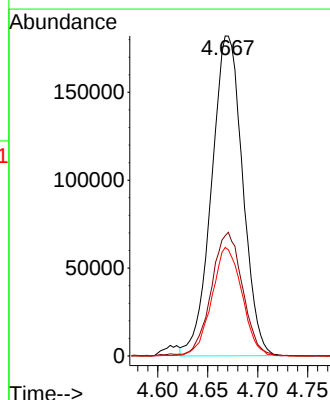
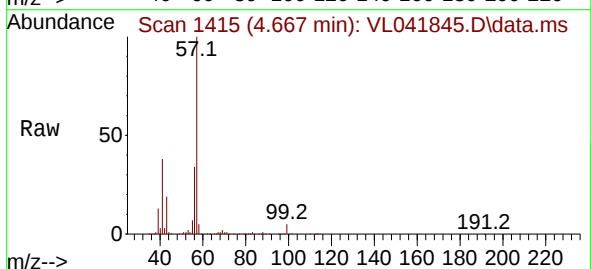
RT: 4.667 min Scan# 1415

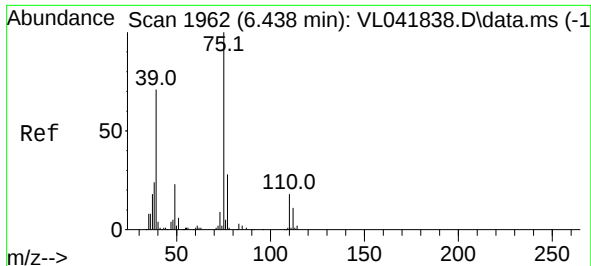
Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Tgt Ion:	57	Resp:	393434
Ion	Ratio	Lower	Upper
57	100		
41	38.7	31.4	47.2
56	33.2	26.6	39.8





#45

t-1,3-Dichloropropene

Concen: 11.008 ppbv

RT: 6.451 min Scan# 1966

Delta R.T. 0.013 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

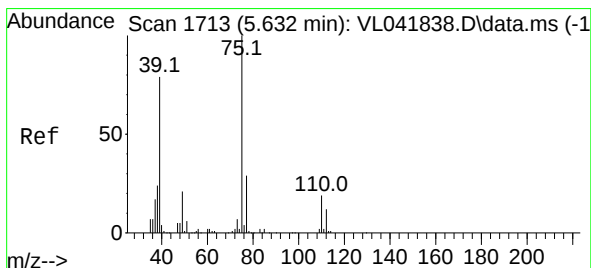
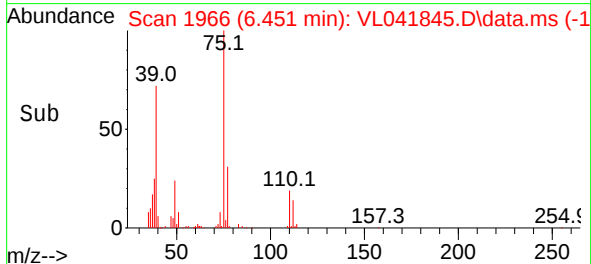
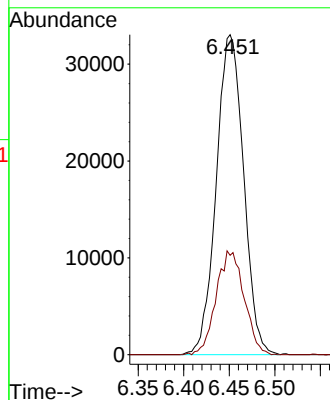
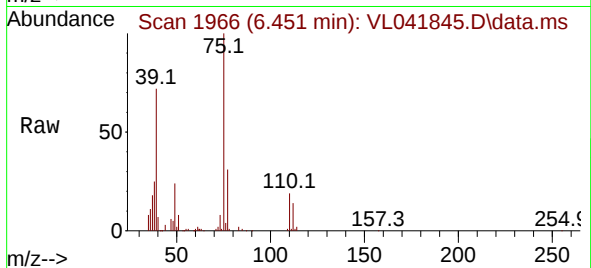
ClientSampleId :

Tgt Ion: 75 Resp: 68913

Ion Ratio Lower Upper

75 100

77 31.1 22.2 33.4



#46

cis-1,3-Dichloropropene

Concen: 11.616 ppbv

RT: 5.635 min Scan# 1714

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

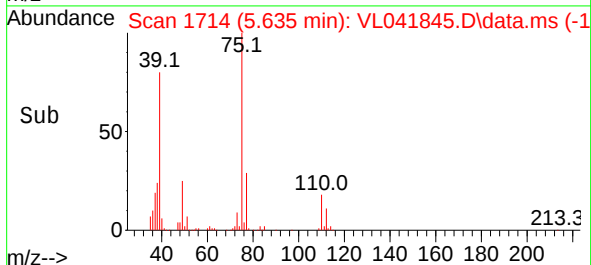
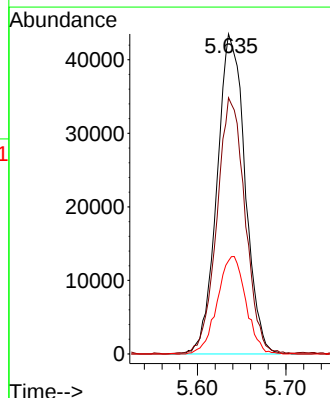
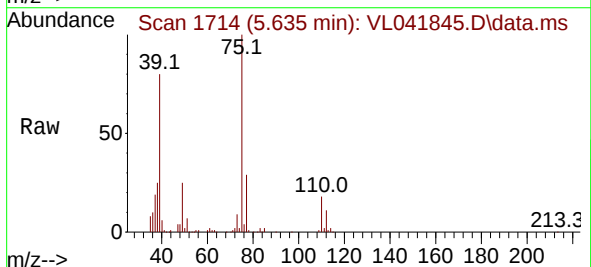
Tgt Ion: 75 Resp: 95759

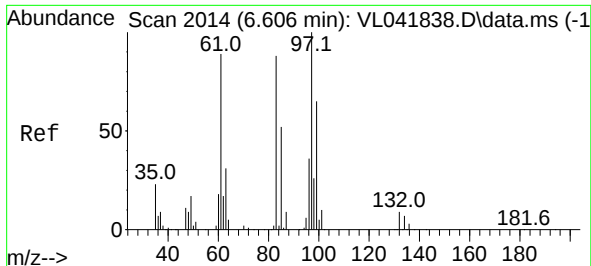
Ion Ratio Lower Upper

75 100

39 79.6 63.3 94.9

77 29.1 23.5 35.3





#47

1,1,2-Trichloroethane

Concen: 9.973 ppbv

RT: 6.616 min Scan# 2014

Delta R.T. 0.010 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 83220

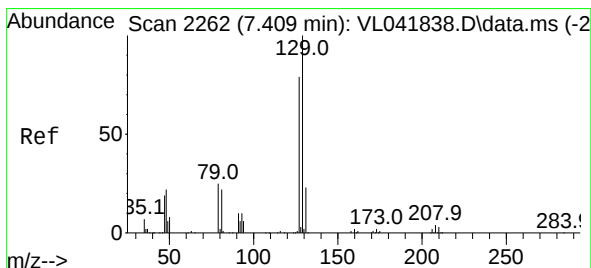
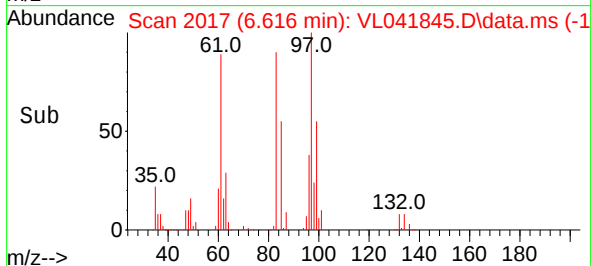
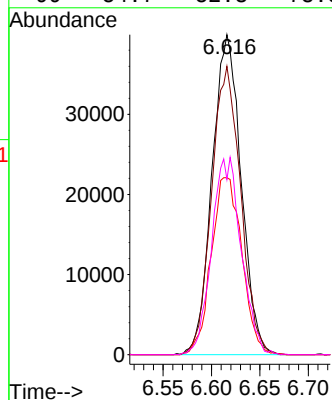
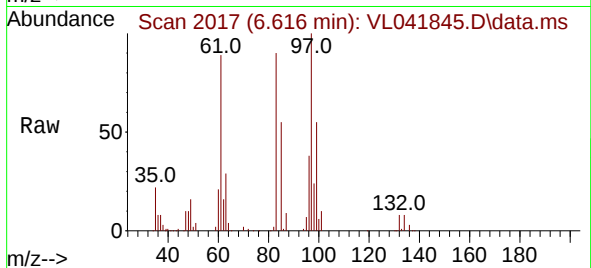
Ion Ratio Lower Upper

97 100

83 90.1 70.3 105.5

85 55.3 41.5 62.3

99 54.7 52.3 78.5



#48

Dibromochloromethane

Concen: 11.520 ppbv

RT: 7.415 min Scan# 2264

Delta R.T. 0.006 min

Lab File: VL041845.D

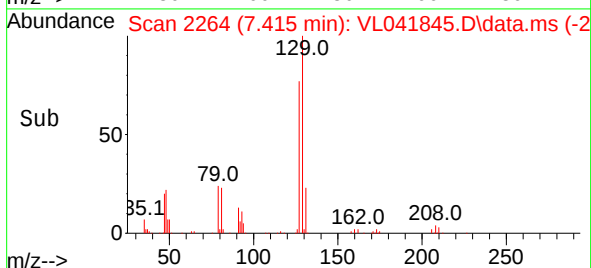
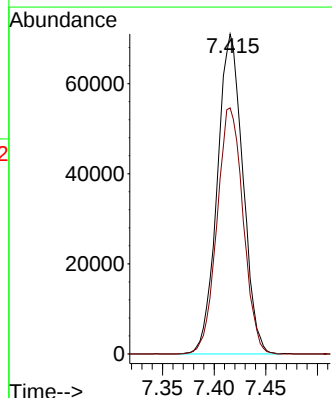
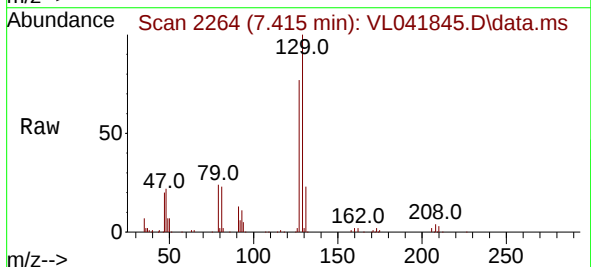
Acq: 07 Jan 2025 14:10

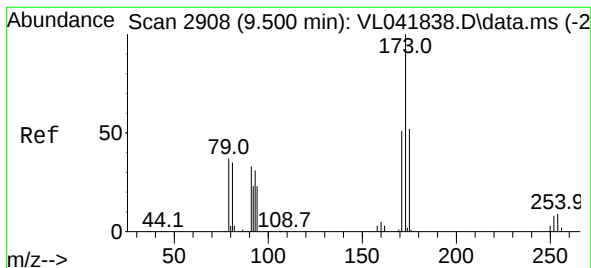
Tgt Ion: 129 Resp: 122520

Ion Ratio Lower Upper

129 100

127 78.3 38.7 116.1





#49

Bromoform

Concen: 11.953 ppbv

RT: 9.506 min Scan# 2908

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

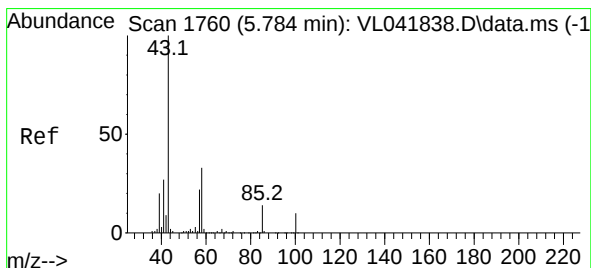
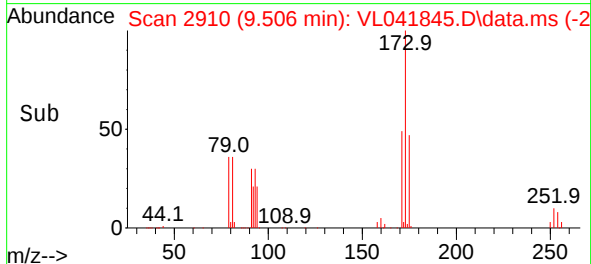
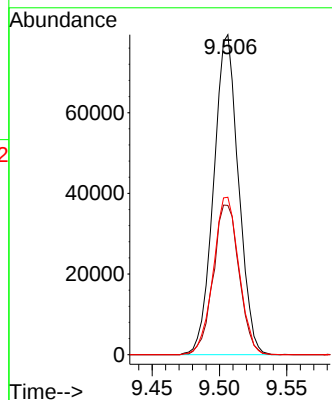
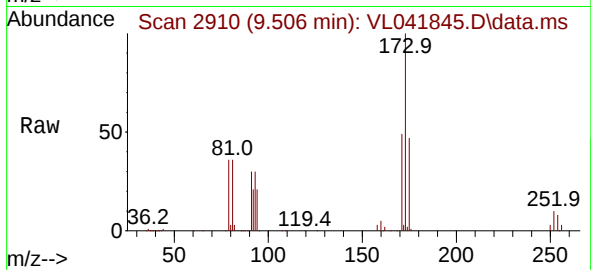
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173 Resp: 101879

Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.5	59.3
171	50.7	41.5	62.3



#50

4-Methyl-2-Pentanone

Concen: 7.076 ppbv

RT: 5.794 min Scan# 1763

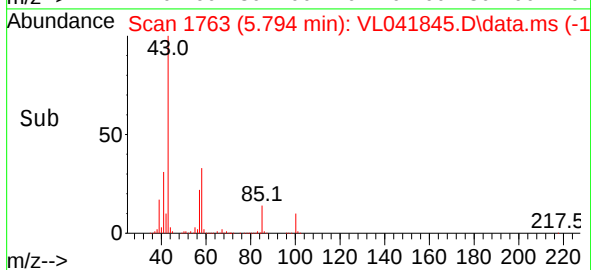
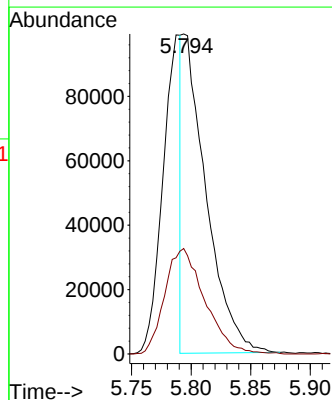
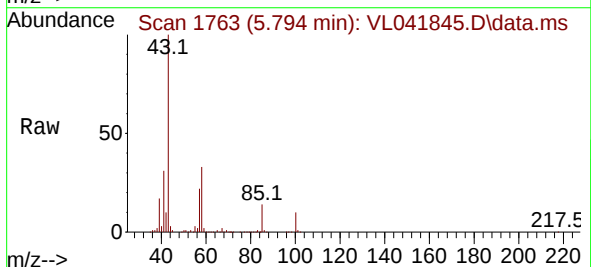
Delta R.T. 0.010 min

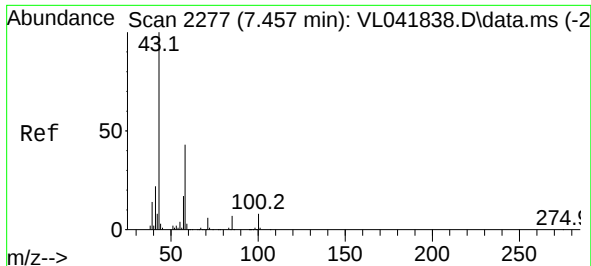
Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Tgt Ion: 43 Resp: 137791

Ion	Ratio	Lower	Upper
43	100		
58	55.4	25.6	38.4

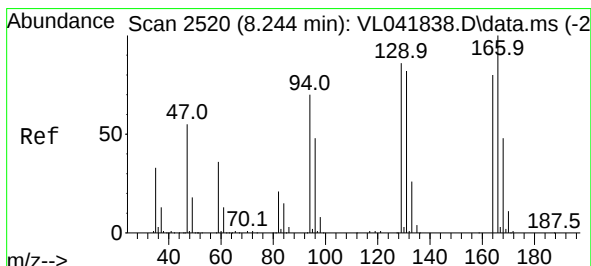
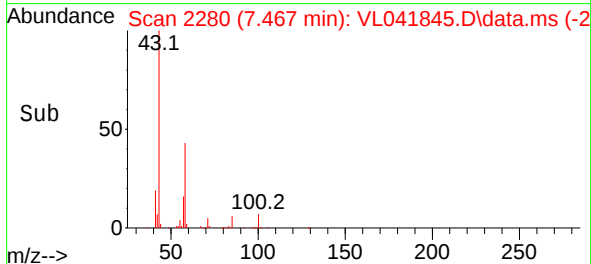
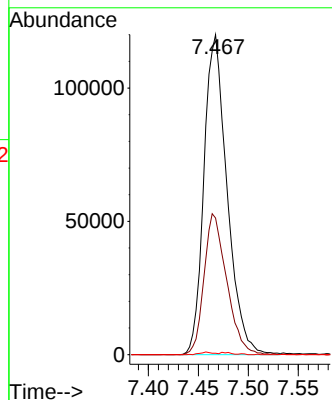
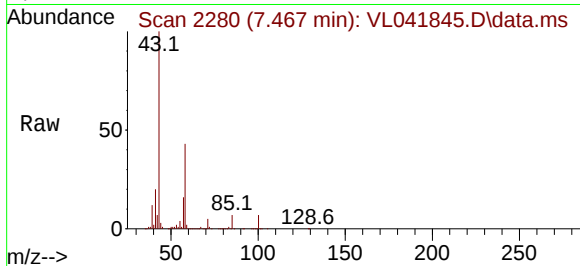




#51
2-Hexanone
Concen: 13.141 ppbv
RT: 7.467 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

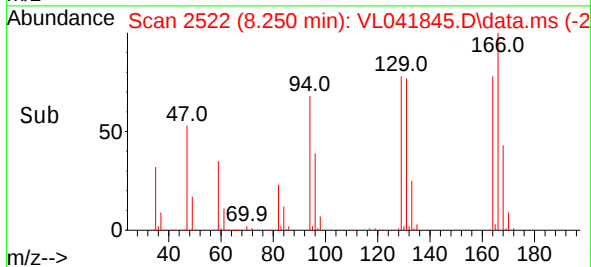
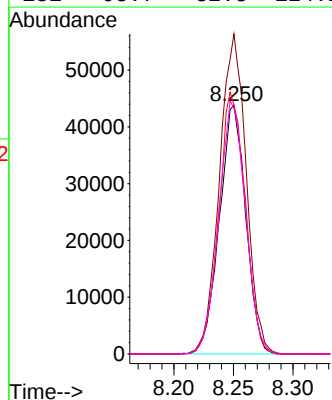
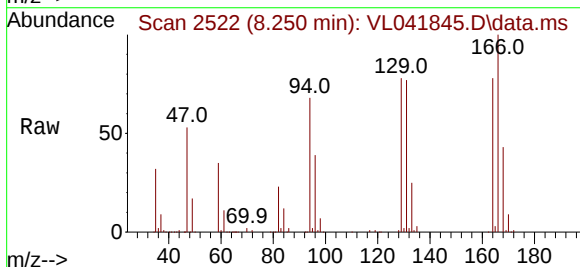
Instrument :
MSVOA_L
ClientSampleId :

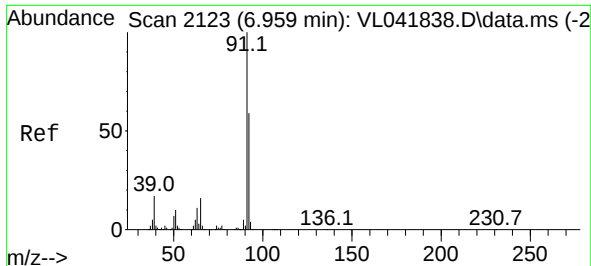
Tgt Ion: 43 Resp: 193644
Ion Ratio Lower Upper
43 100
58 43.2 33.8 50.8
98 0.9 0.7 1.1



#52
Tetrachloroethene
Concen: 11.100 ppbv
RT: 8.250 min Scan# 2522
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion:164 Resp: 67208
Ion Ratio Lower Upper
164 100
166 128.7 100.4 150.6
129 100.1 85.9 128.9
131 98.7 82.8 124.2





#53

Toluene

Concen: 12.382 ppbv

RT: 6.965 min Scan# 2123

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

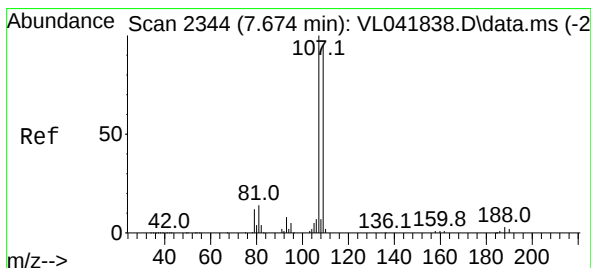
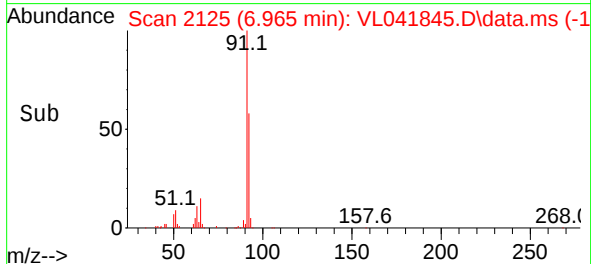
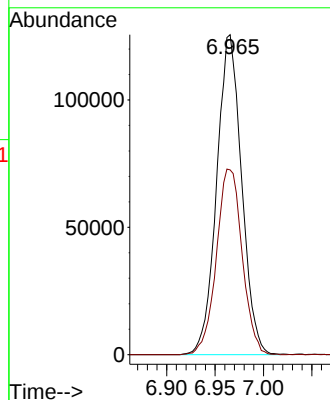
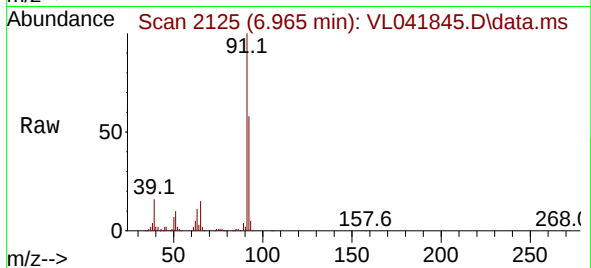
ClientSampleId :

Tgt Ion: 91 Resp: 225037

Ion Ratio Lower Upper

91 100

92 60.0 47.8 71.6



#54

1,2-Dibromoethane

Concen: 10.765 ppbv

RT: 7.678 min Scan# 2345

Delta R.T. 0.003 min

Lab File: VL041845.D

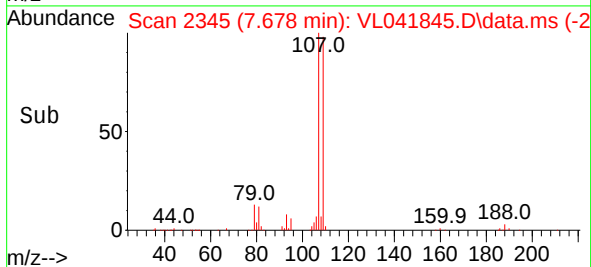
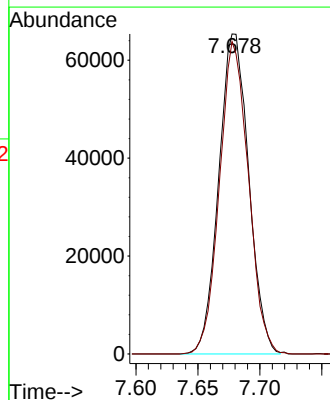
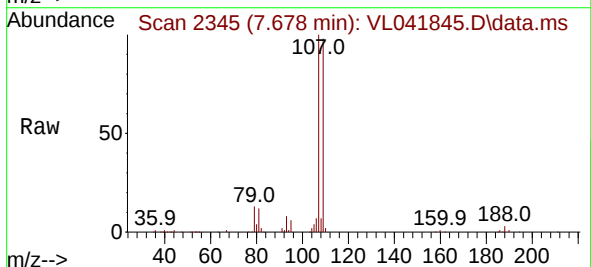
Acq: 07 Jan 2025 14:10

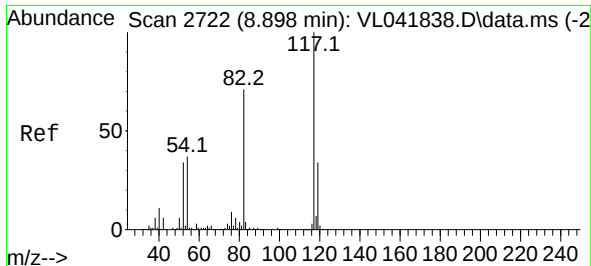
Tgt Ion:107 Resp: 110135

Ion Ratio Lower Upper

107 100

109 97.6 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.904 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

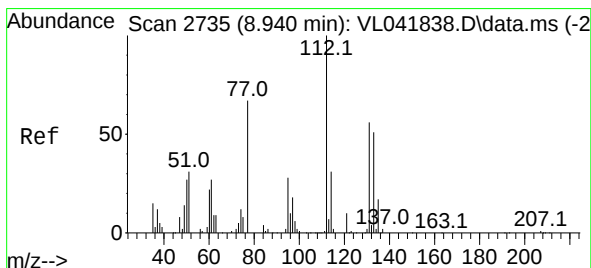
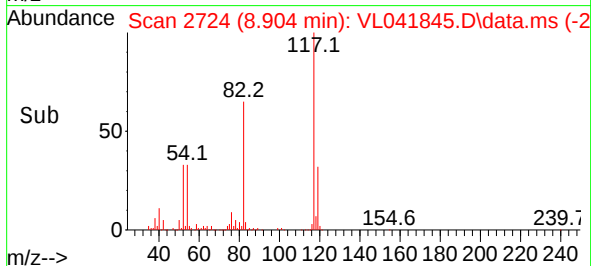
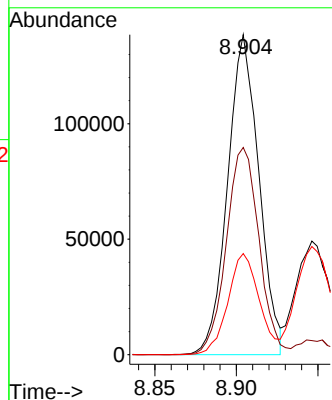
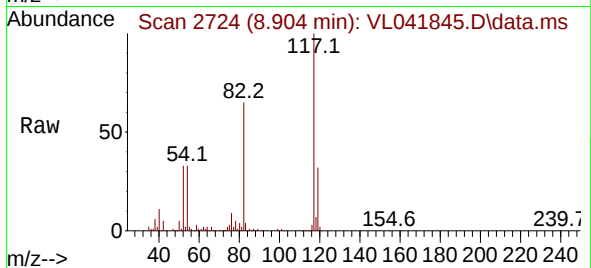
Tgt Ion:117 Resp: 184732

Ion Ratio Lower Upper

117 100

82 72.6 59.1 88.7

119 32.1 27.3 40.9



#56

1,1,1,2-Tetrachloroethane

Concen: 10.379 ppbv

RT: 8.946 min Scan# 2737

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

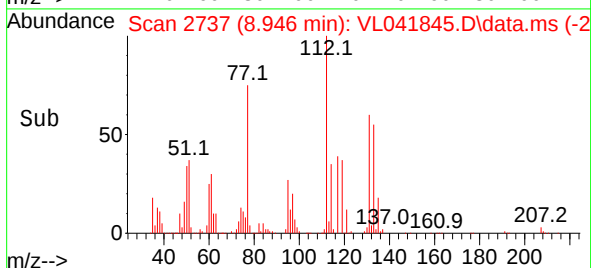
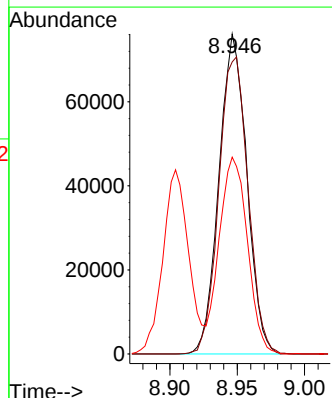
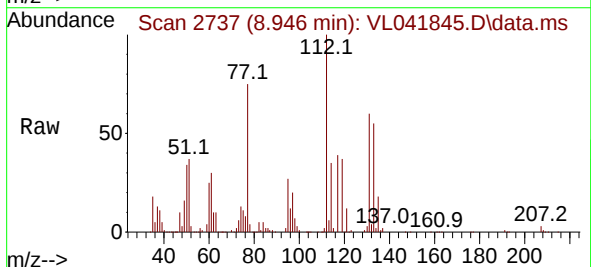
Tgt Ion:131 Resp: 109273

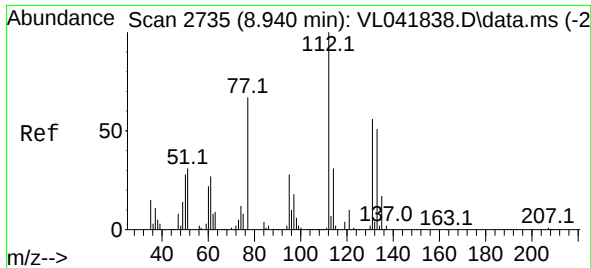
Ion Ratio Lower Upper

131 100

133 97.6 77.3 115.9

119 64.4 50.6 76.0





#57

Chlorobenzene

Concen: 9.844 ppbv

RT: 8.943 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

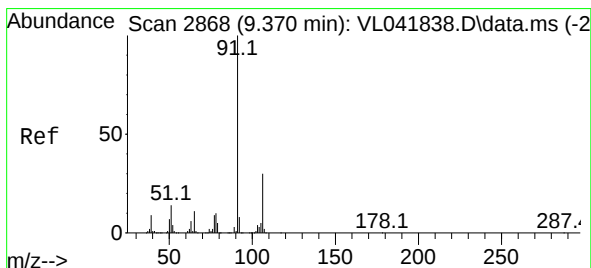
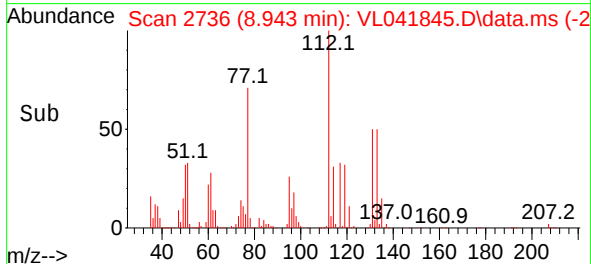
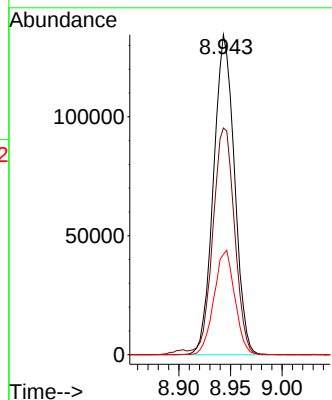
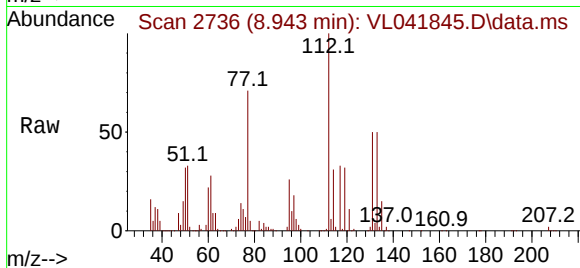
Tgt Ion:112 Resp: 189988

Ion Ratio Lower Upper

112 100

77 70.8 55.1 82.7

114 31.3 28.3 34.5



#58

Ethyl Benzene

Concen: 12.964 ppbv

RT: 9.373 min Scan# 2869

Delta R.T. 0.003 min

Lab File: VL041845.D

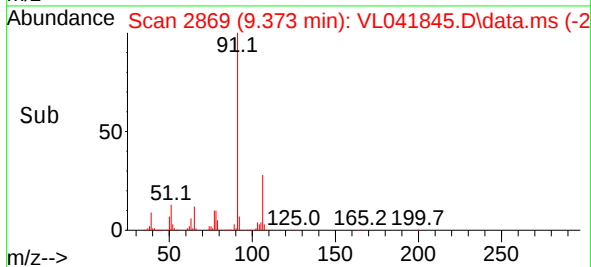
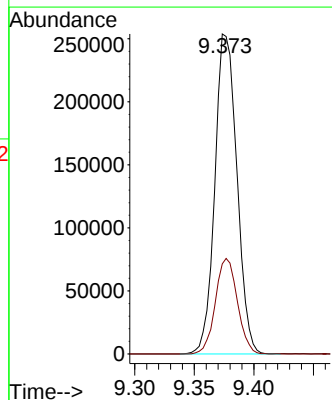
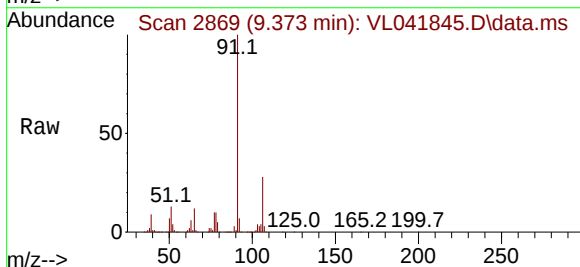
Acq: 07 Jan 2025 14:10

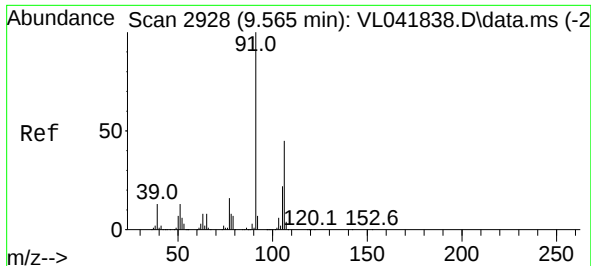
Tgt Ion: 91 Resp: 326397

Ion Ratio Lower Upper

91 100

106 28.2 23.8 35.8





#59

m/p-Xylene

Concen: 12.819 ppbv

RT: 9.574 min Scan# 2928

Delta R.T. 0.010 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

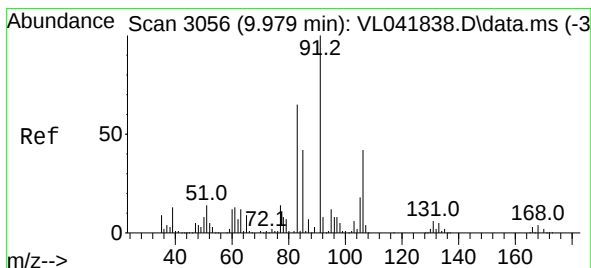
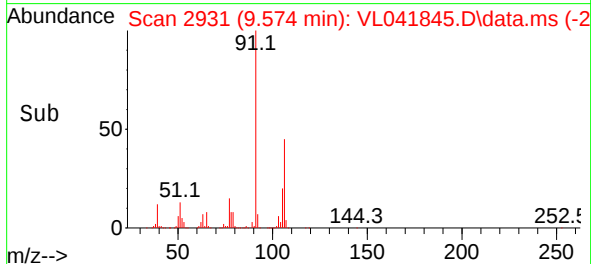
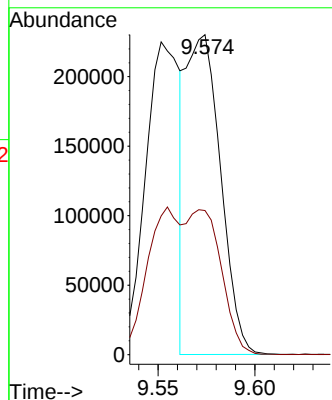
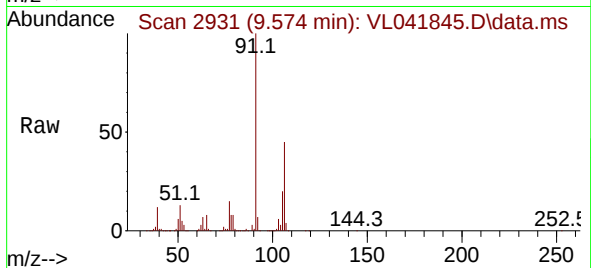
ClientSampleId :

Tgt Ion: 91 Resp: 284342

Ion Ratio Lower Upper

91 100

106 0.0 36.7 55.1#



#60

o-Xylene

Concen: 12.905 ppbv

RT: 9.985 min Scan# 3058

Delta R.T. 0.006 min

Lab File: VL041845.D

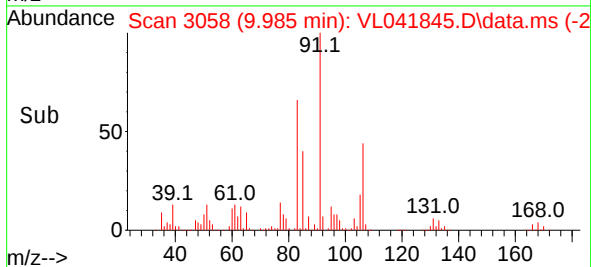
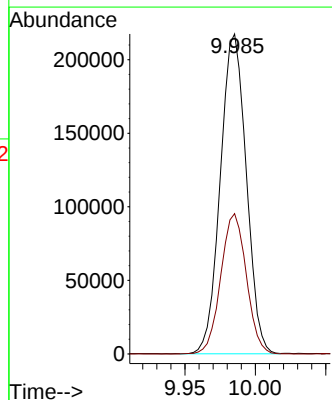
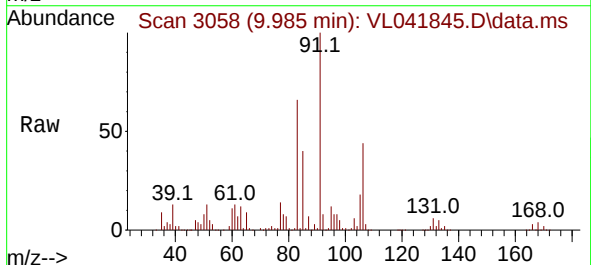
Acq: 07 Jan 2025 14:10

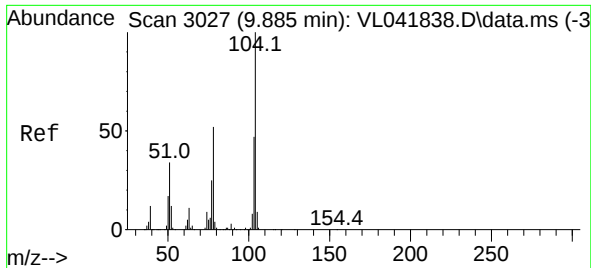
Tgt Ion: 91 Resp: 278979

Ion Ratio Lower Upper

91 100

106 43.3 21.9 65.5

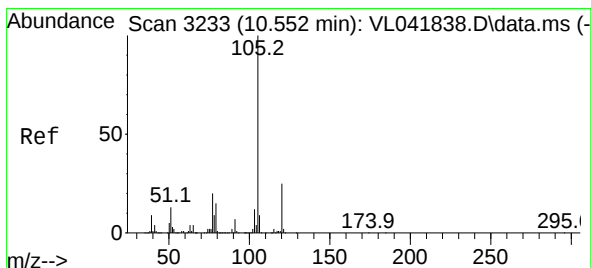
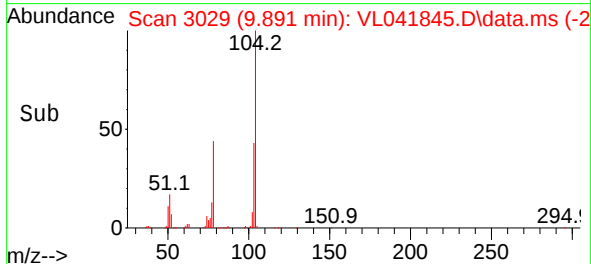
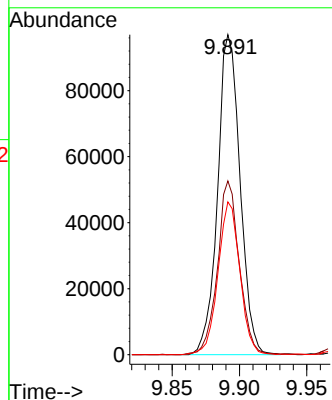
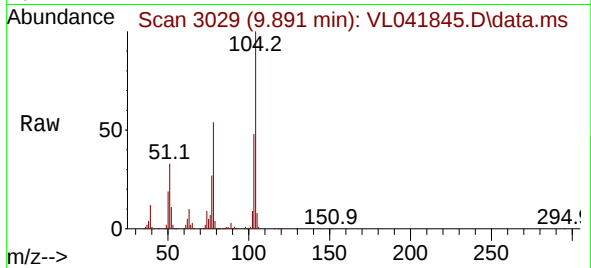




#61
Styrene
Concen: 13.435 ppbv
RT: 9.891 min Scan# 3027
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

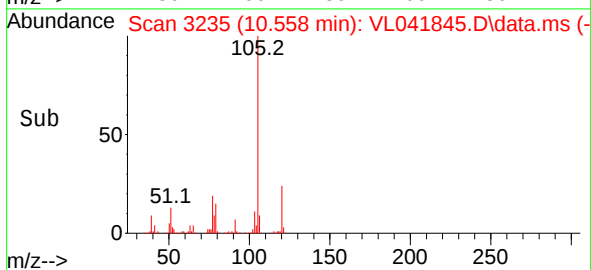
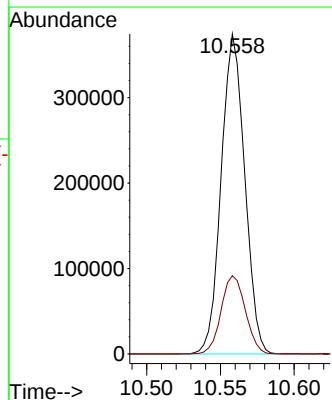
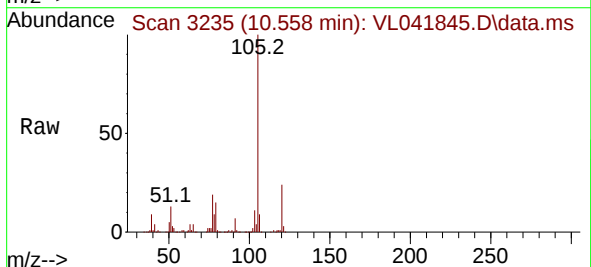
Instrument :
MSVOA_L
ClientSampleId :

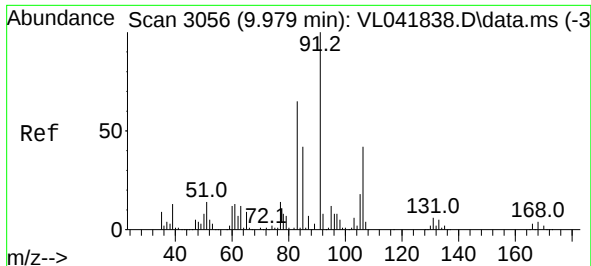
Tgt Ion:104 Resp: 112676
Ion Ratio Lower Upper
104 100
78 52.7 42.7 64.1
103 46.5 37.8 56.6



#62
Isopropylbenzene
Concen: 12.217 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion:105 Resp: 414931
Ion Ratio Lower Upper
105 100
120 25.2 20.4 30.6





#63

1,1,2,2-Tetrachloroethane

Concen: 9.806 ppbv

RT: 9.985 min Scan# 3056

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

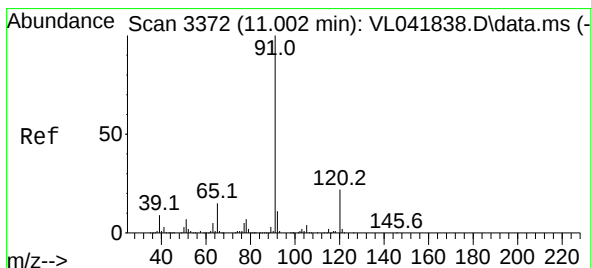
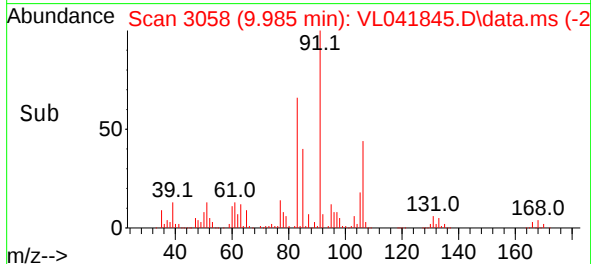
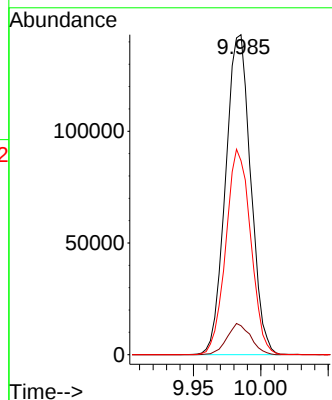
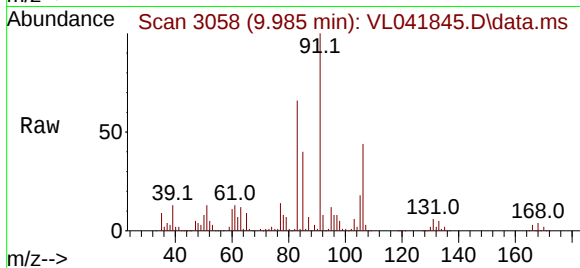
Tgt Ion: 83 Resp: 185879

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.3

85 63.6 31.9 95.9



#64

n-propylbenzene

Concen: 12.391 ppbv

RT: 11.008 min Scan# 3374

Delta R.T. 0.006 min

Lab File: VL041845.D

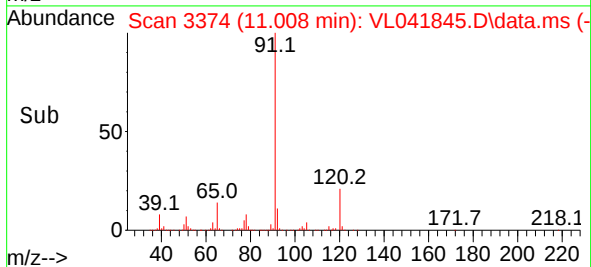
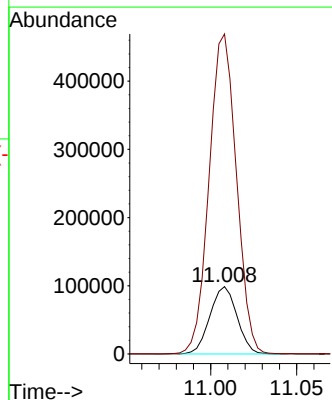
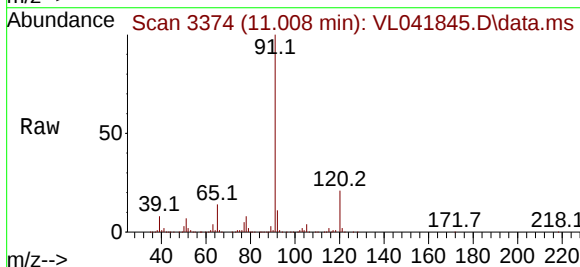
Acq: 07 Jan 2025 14:10

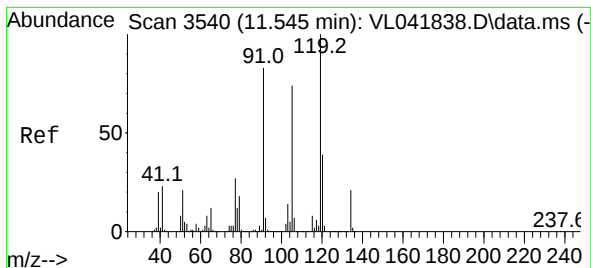
Tgt Ion:120 Resp: 107961

Ion Ratio Lower Upper

120 100

91 479.9 382.1 573.1

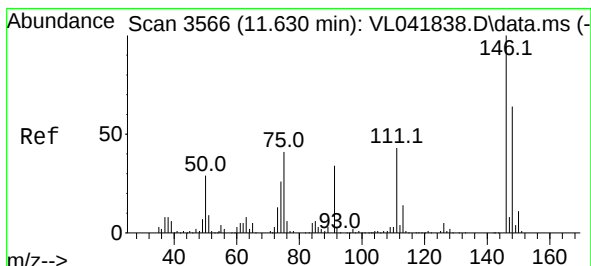
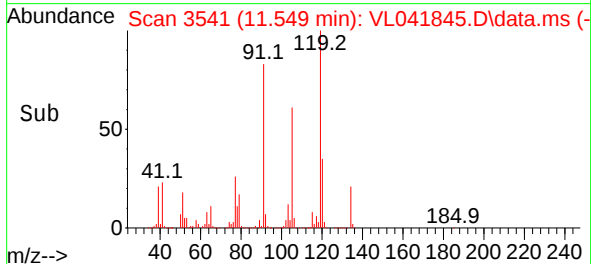
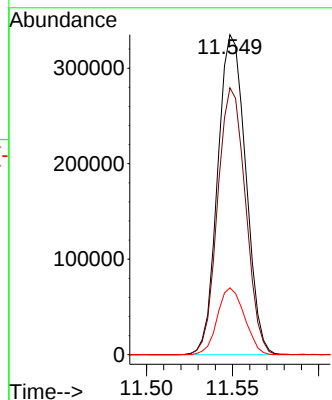
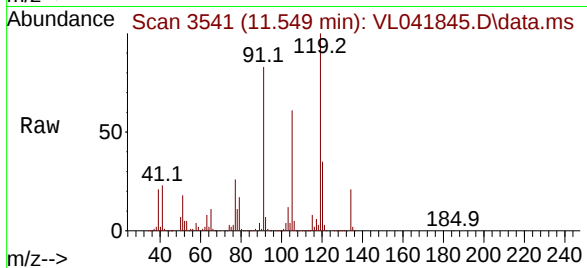




#65
tert-Butylbenzene
Concen: 12.414 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

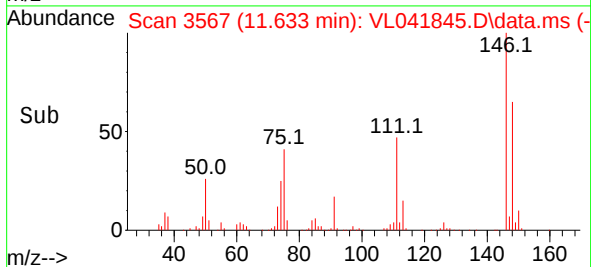
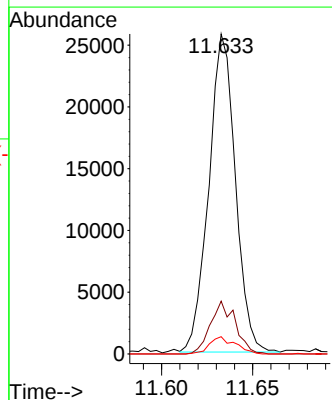
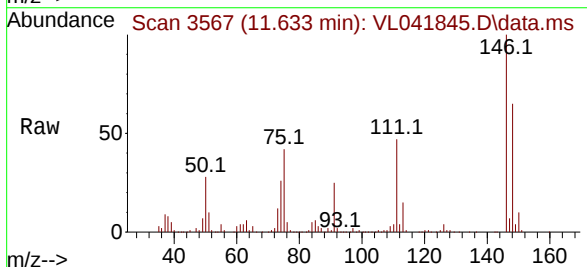
Instrument :
MSVOA_L
ClientSampleId :

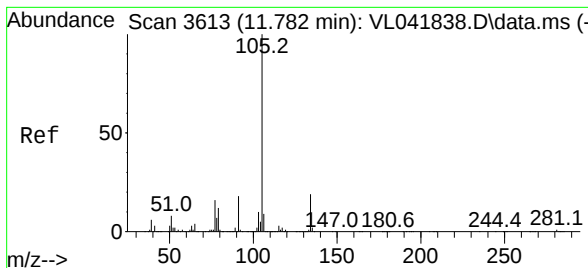
Tgt Ion:119 Resp: 379928
Ion Ratio Lower Upper
119 100
91 83.0 68.0 102.0
134 20.2 16.2 24.4



#66
Benzyl Chloride
Concen: 10.193 ppbv
RT: 11.633 min Scan# 3567
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion: 91 Resp: 26131
Ion Ratio Lower Upper
91 100
126 15.6 12.1 18.1
128 5.3 4.3 6.5

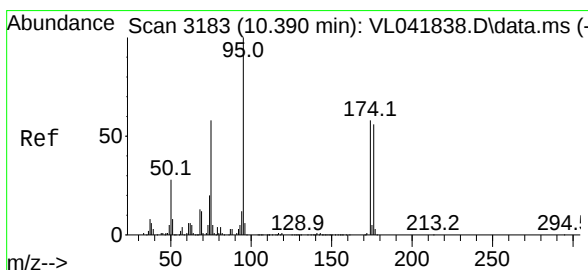
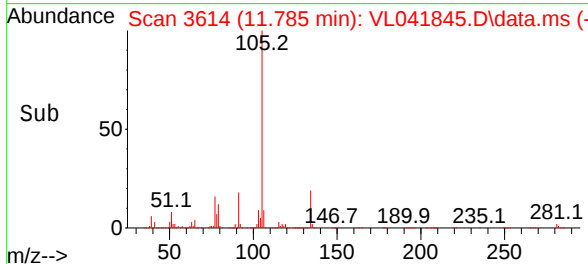
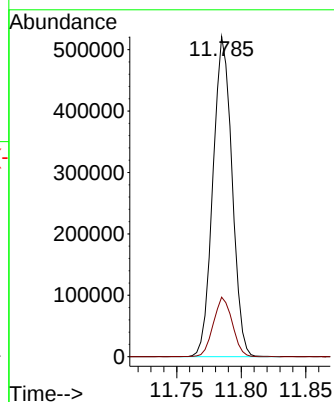
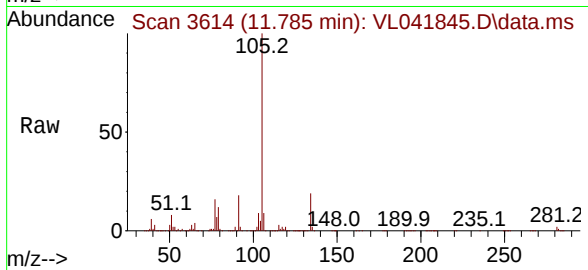




#67
 sec-Butylbenzene
 Concen: 12.017 ppbv
 RT: 11.785 min Scan# 3614
 Delta R.T. 0.003 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

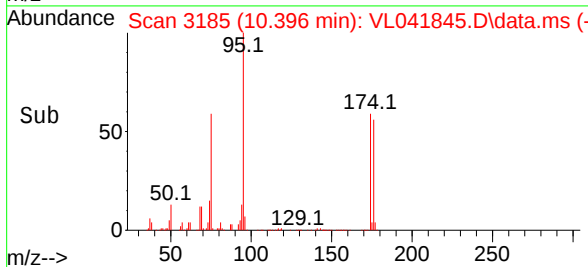
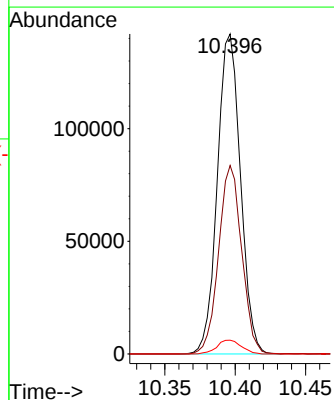
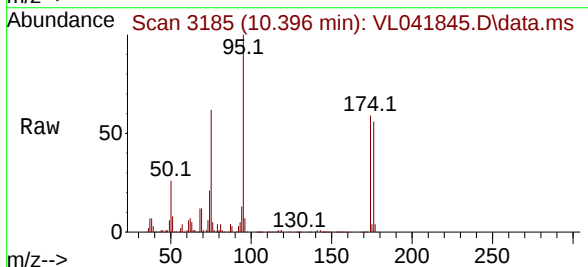
Instrument :
 MSVOA_L
 ClientSampleId :

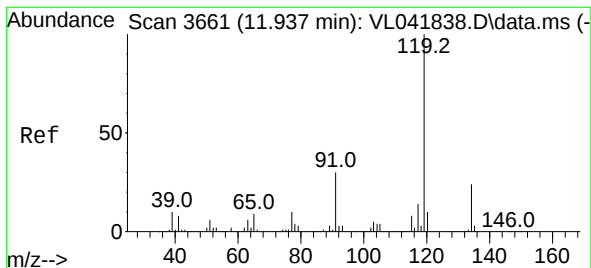
Tgt Ion:105 Resp: 536668
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.6 22.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.260 ppbv
 RT: 10.396 min Scan# 3185
 Delta R.T. 0.006 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

Tgt Ion: 95 Resp: 162329
 Ion Ratio Lower Upper
 95 100
 174 58.8 47.6 71.4
 175 4.6 3.8 5.6





#69

p-Isopropyltoluene

Concen: 12.411 ppbv

RT: 11.943 min Scan# 3663

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

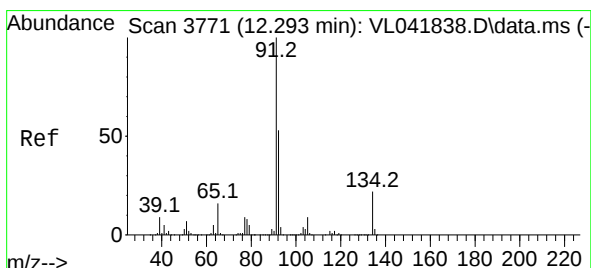
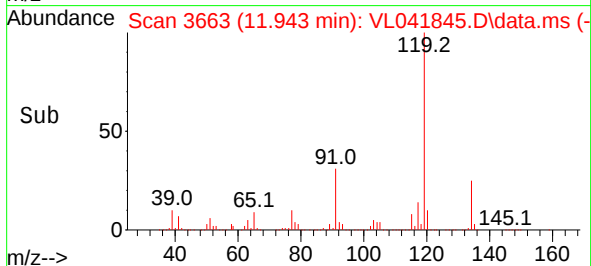
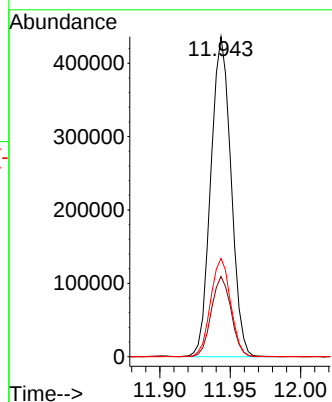
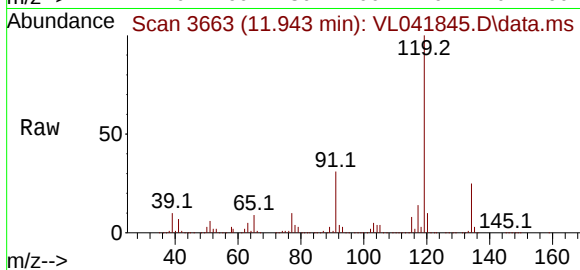
Tgt Ion:119 Resp: 435146

Ion Ratio Lower Upper

119 100

134 24.6 19.4 29.2

91 30.6 24.0 36.0



#70

n-Butylbenzene

Concen: 12.223 ppbv

RT: 12.299 min Scan# 3773

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

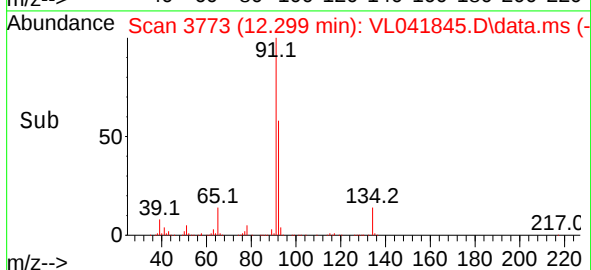
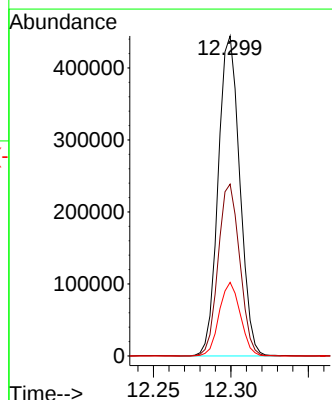
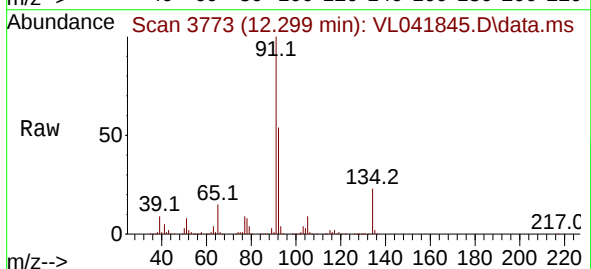
Tgt Ion: 91 Resp: 430545

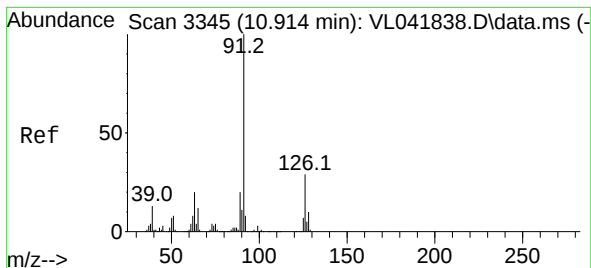
Ion Ratio Lower Upper

91 100

92 53.7 42.8 64.2

134 22.5 17.8 26.6

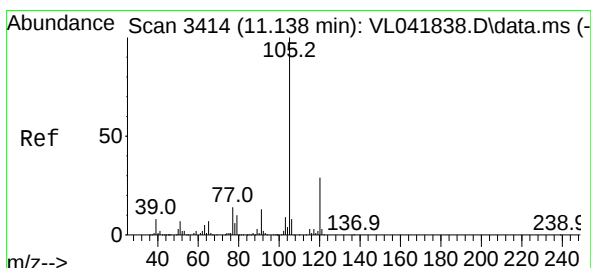
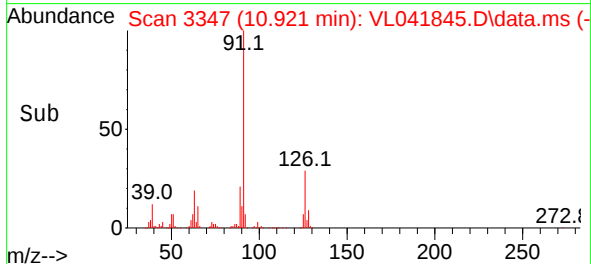
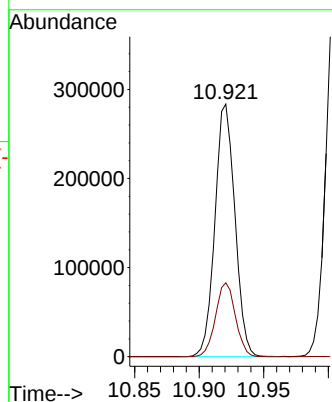
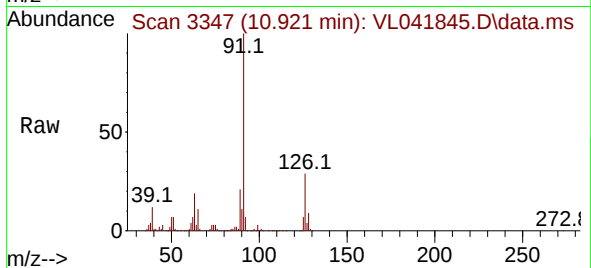




#71
2-Chlorotoluene
Concen: 12.356 ppbv
RT: 10.921 min Scan# 3416
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

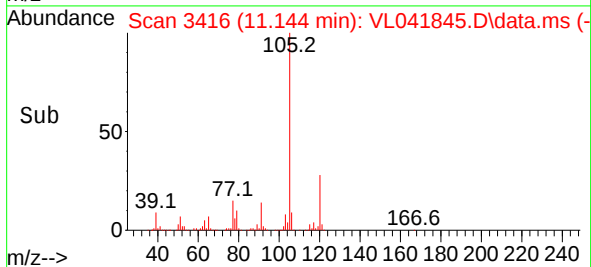
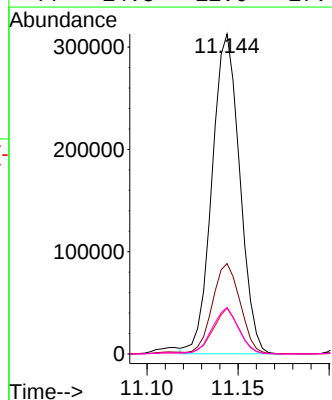
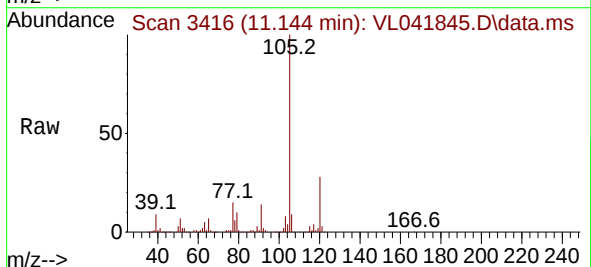
Instrument :
MSVOA_L
ClientSampleId :

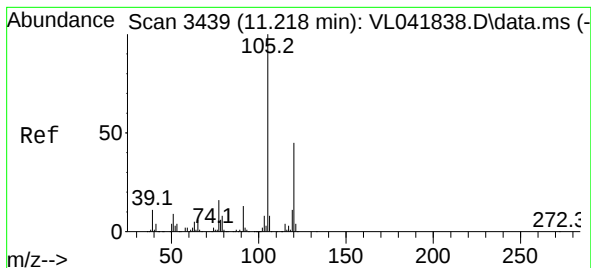
Tgt Ion: 91 Resp: 304622
Ion Ratio Lower Upper
91 100
126 29.1 11.6 46.6



#72
4-Ethyltoluene
Concen: 12.644 ppbv
RT: 11.144 min Scan# 3416
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion:105 Resp: 330541
Ion Ratio Lower Upper
105 100
120 29.0 23.4 35.2
91 13.8 10.8 16.2
77 14.3 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 12.558 ppbv

RT: 11.222 min Scan# 3439

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

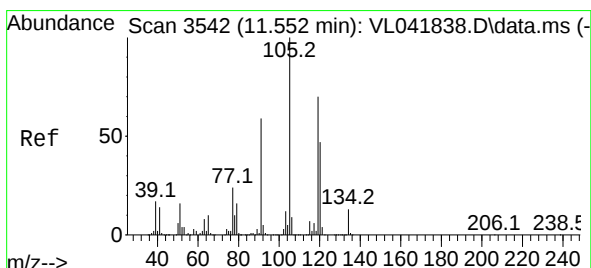
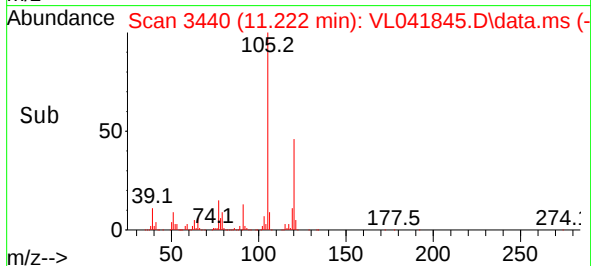
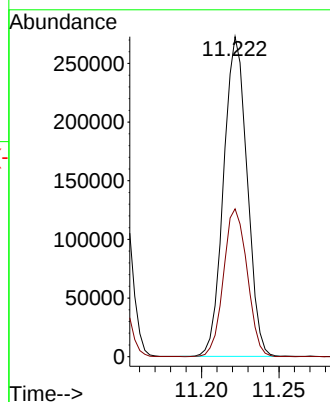
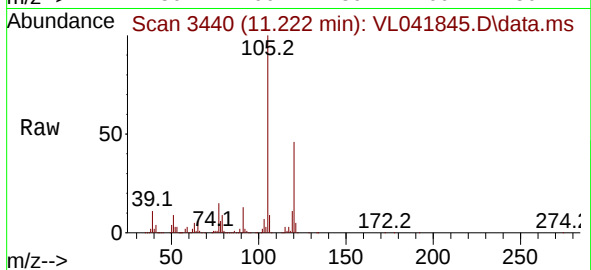
ClientSampleId :

Tgt Ion:105 Resp: 287547

Ion Ratio Lower Upper

105 100

120 46.2 35.9 53.9



#74

1,2,4-Trimethylbenzene

Concen: 12.078 ppbv

RT: 11.555 min Scan# 3543

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Tgt Ion:105 Resp: 320339

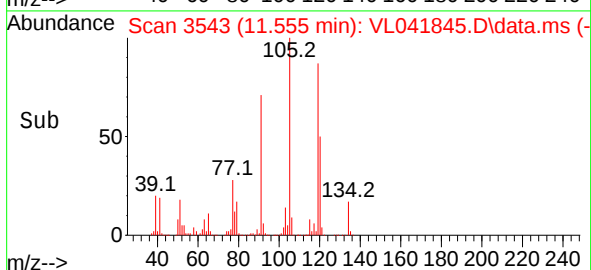
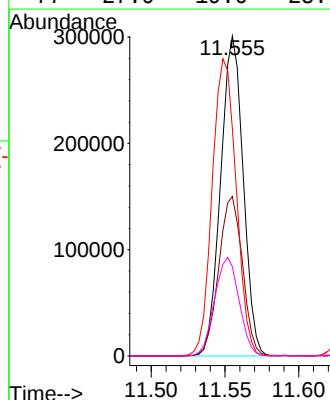
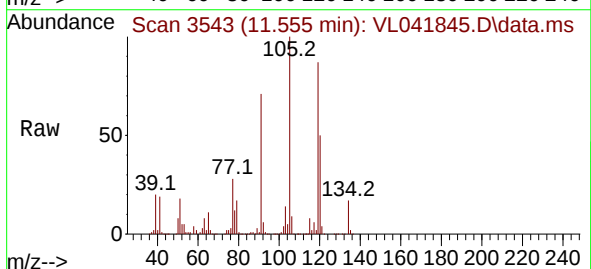
Ion Ratio Lower Upper

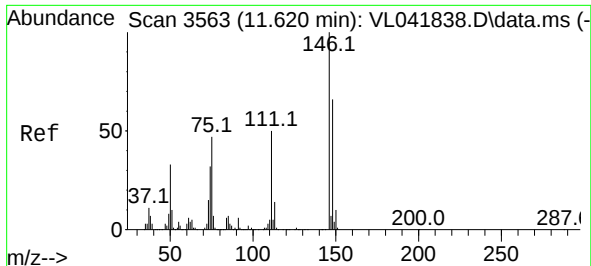
105 100

120 49.9 37.4 56.0

91 71.1 47.4 71.2

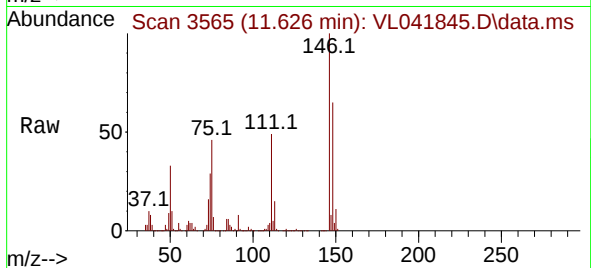
77 27.9 19.0 28.6



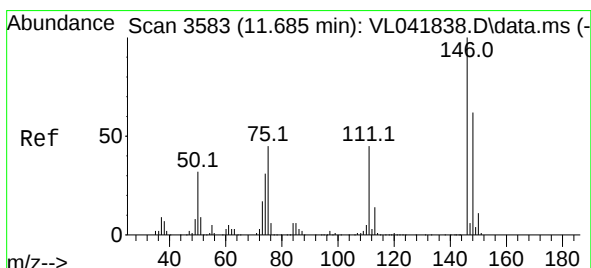
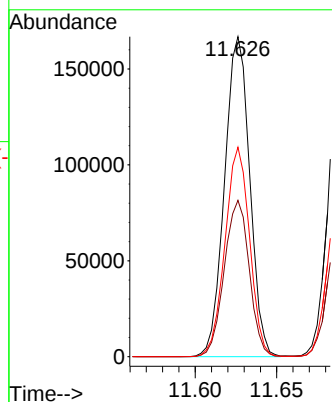
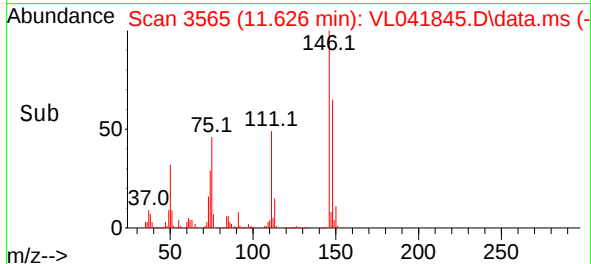


#75
1,3-Dichlorobenzene
Concen: 10.080 ppbv
RT: 11.626 min Scan# 3563
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Instrument :
MSVOA_L
ClientSampleId :

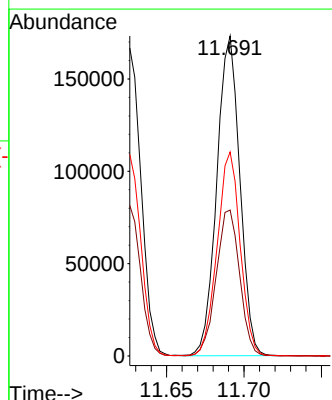
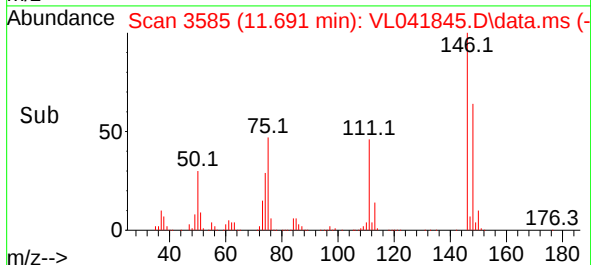
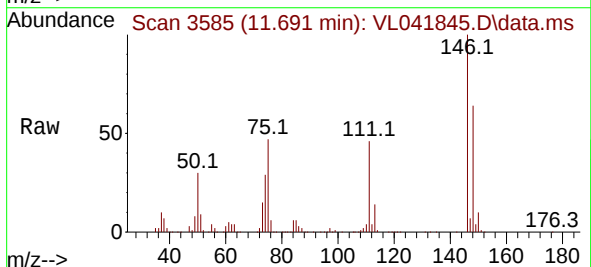


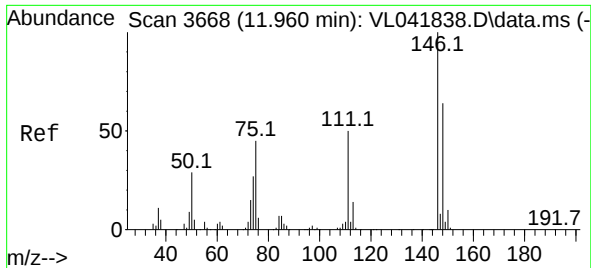
Tgt Ion:146 Resp: 178940
Ion Ratio Lower Upper
146 100
111 48.6 24.1 72.2
148 63.9 32.0 96.0



#76
1,4-Dichlorobenzene
Concen: 10.476 ppbv
RT: 11.691 min Scan# 3585
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

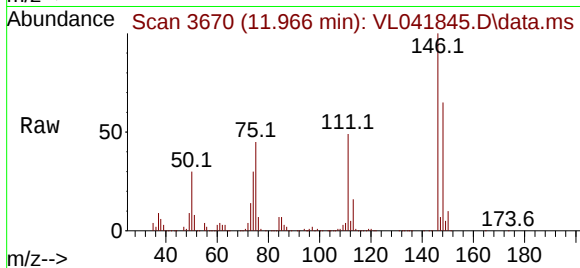
Tgt Ion:146 Resp: 178959
Ion Ratio Lower Upper
146 100
111 46.6 23.2 69.6
148 63.9 32.1 96.3



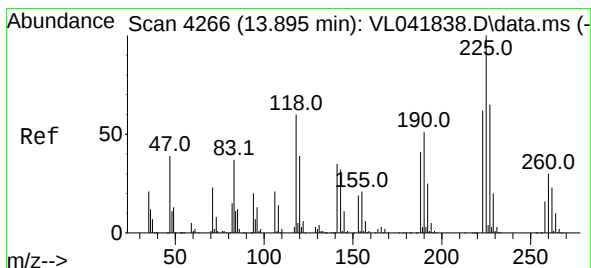
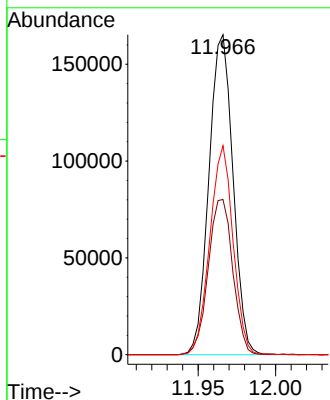
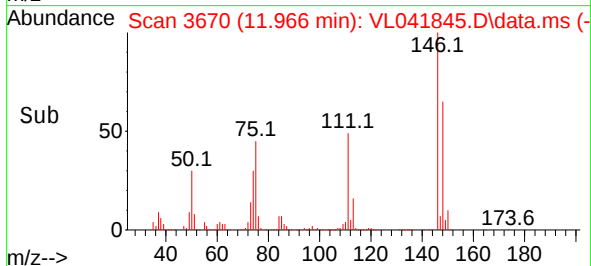


#77
 1,2-Dichlorobenzene
 Concen: 9.629 ppbv
 RT: 11.966 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

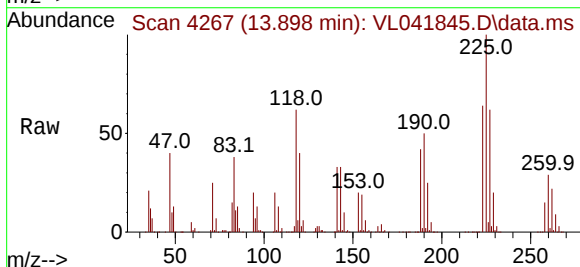
Instrument :
 MSVOA_L
 ClientSampleId :



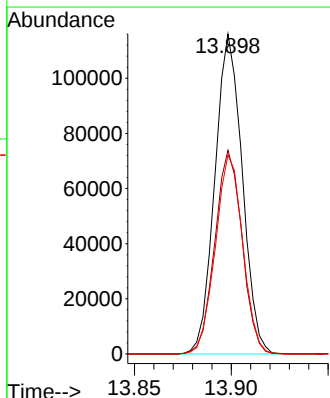
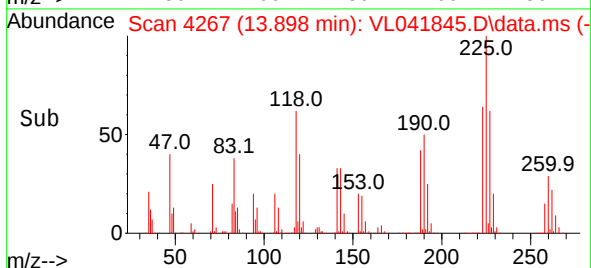
Tgt Ion:146 Resp: 178111
 Ion Ratio Lower Upper
 146 100
 111 49.7 24.7 74.1
 148 63.2 31.5 94.5

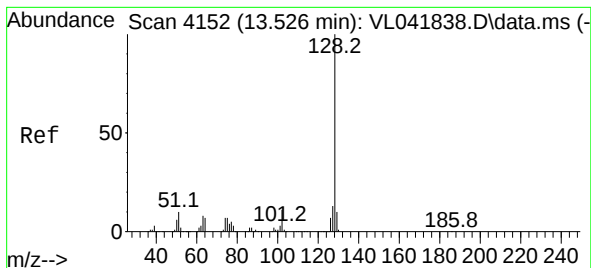


#78
 Hexachloro-1,3-Butadiene
 Concen: 8.677 ppbv
 RT: 13.898 min Scan# 4267
 Delta R.T. 0.003 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10



Tgt Ion:225 Resp: 113955
 Ion Ratio Lower Upper
 225 100
 223 63.1 50.4 75.6
 227 62.1 51.2 76.8





#79

Naphthalene

Concen: 12.385 ppbv

RT: 13.529 min Scan# 4153

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

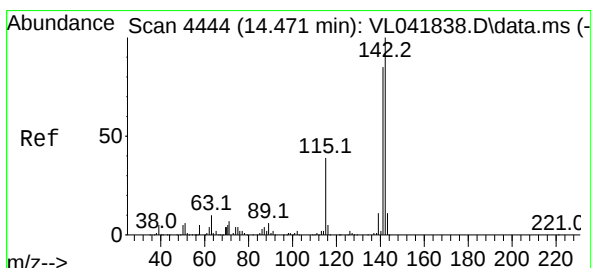
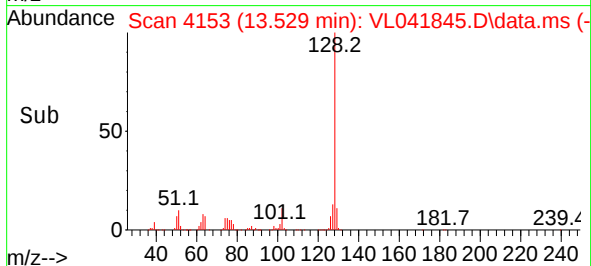
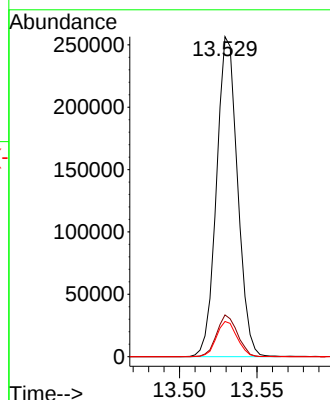
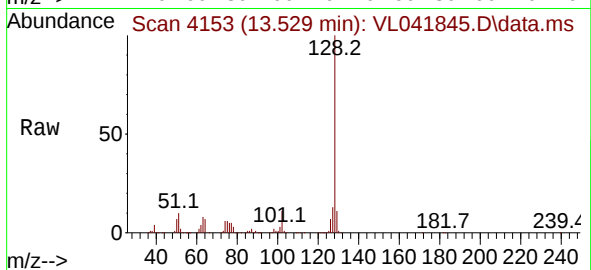
Tgt Ion:128 Resp: 241962

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.0 8.2 12.4



#80

Naphthalene,2-methyl-

Concen: 9.565 ppbv

RT: 14.474 min Scan# 4445

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

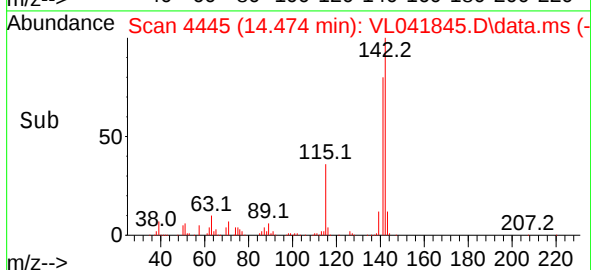
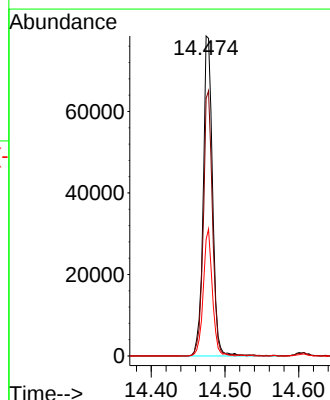
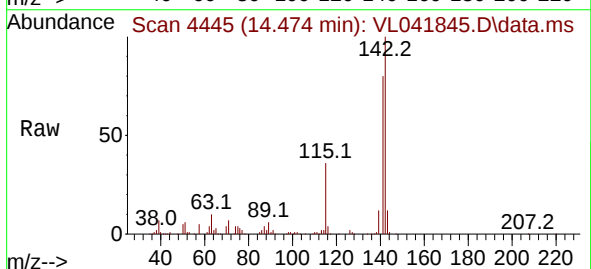
Tgt Ion:142 Resp: 69167

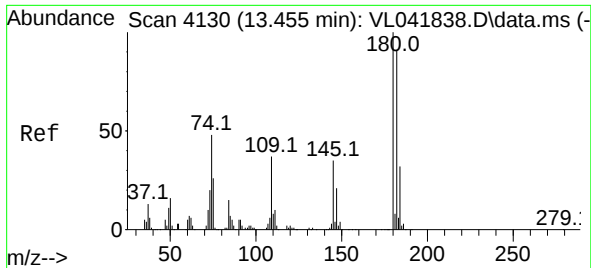
Ion Ratio Lower Upper

142 100

141 81.9 67.8 101.8

115 39.0 32.6 48.8





#81

1,2,4-Trichlorobenzene

Concen: 10.316 ppbv

RT: 13.458 min Scan# 41

Delta R.T. 0.003 min

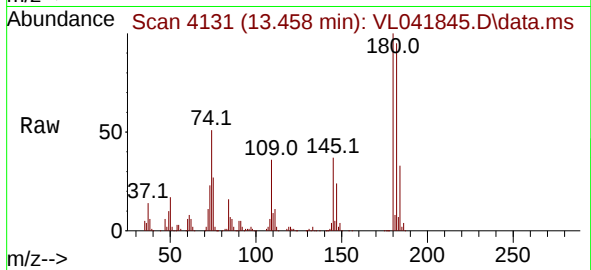
Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 111710

Ion Ratio Lower Upper

180 100

182 96.2 75.9 113.9

184 30.4 24.8 37.2

