

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120225\
 Data File : VL043294.D
 Acq On : 02 Dec 2025 11:06
 Operator : SY/MD
 Sample : VL1202ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1202ABS01

Quant Time: Dec 03 00:05:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	123802	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.969	114	324780	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.892	117	255124	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	188447	10.077	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	195459	11.194	ppbv	99
3) Chlorodifluoromethane	1.480	51	179686	10.464	ppbv	97
4) Chloromethane	1.538	50	68083	10.428	ppbv	96
5) Vinyl Chloride	1.586	62	68042	9.530	ppbv	97
6) Bromomethane	1.674	94	33637	9.719	ppbv	95
7) Chloroethane	1.709	64	27571	9.915	ppbv	92
8) Dichlorotetrafluoroethane	1.561	85	161389	11.111	ppbv	98
9) Propene	1.777	41	71375	9.788	ppbv	100
10) Heptane	4.991	43	205732	9.480	ppbv	98
11) Trichlorofluoromethane	1.884	101	204847	12.108	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.146	101	154149	11.671	ppbv	95
13) Ethanol	1.726	45	19708	7.686	ppbv	93
14) Bromoethene	1.787	108	55552	10.971	ppbv	96
15) Acetone	1.839	43	150554	8.753	ppbv	99
16) 1,3-Butadiene	1.612	39	74702	9.742	ppbv	97
17) tert-Butyl alcohol	2.043	59	215553	9.547	ppbv	100
18) 1,1-Dichloroethene	2.040	96	66011	10.734	ppbv	92
19) Isopropyl Alcohol	1.891	45	86559	8.906	ppbv	92
20) Methylene Chloride	2.069	84	61135	12.238	ppbv	91
21) Allyl Chloride	2.101	41	104222	9.006	ppbv	96
22) trans-1,2-Dichloroethene	2.347	96	75412	10.729	ppbv	97
23) Vinyl Acetate	2.467	43	197779	9.525	ppbv	99
24) 1,1-Dichloroethane	2.415	63	148426	10.939	ppbv	97
25) Ethyl Acetate	2.839	43	360184	9.709	ppbv	99
26) Hexane	2.833	57	160728	9.882	ppbv	99
27) Carbon Disulfide	2.156	76	187625	11.300	ppbv	100
28) Methyl tert-Butyl Ether	2.444	73	85538	10.714	ppbv	97
29) Chloroform	2.855	83	271561	11.747	ppbv	97
30) Cyclohexane	3.868	84	139054	10.198	ppbv	92
31) cis-1,2-Dichloroethene	2.729	61	166681	10.311	ppbv	96
32) 1,1,1-Trichloroethane	3.376	97	273427	11.096	ppbv	99
34) 2-Butanone	2.561	43	229096	9.993	ppbv	100
35) Carbon Tetrachloride	3.771	117	291615	11.829	ppbv	97
36) Benzene	3.664	78	333658	10.727	ppbv	99
37) 1,2-Dichloroethane	3.227	62	206629	11.358	ppbv	99
38) Trichloroethene	4.558	130	134303	11.037	ppbv	98
39) 1,2-Dichloropropane	4.325	63	119295	10.479	ppbv	90
40) 1,4-Dioxane	4.584	88	43421	8.485	ppbv #	95
41) Tetrahydrofuran	3.059	42	118086	9.327	ppbv	99
42) Bromodichloromethane	4.503	83	289858	11.550	ppbv	98
43) Methyl Methacrylate	4.888	69	156420	9.475	ppbv	94
44) 2,2,4-Trimethylpentane	4.652	57	543210	10.169	ppbv	99
45) t-1,3-Dichloropropene	6.428	75	123199	8.005	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120225\
 Data File : VL043294.D
 Acq On : 02 Dec 2025 11:06
 Operator : SY/MD
 Sample : VL1202ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1202ABS01

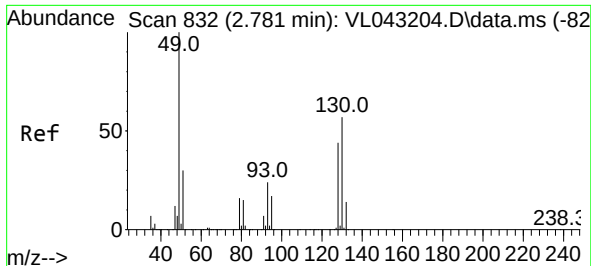
Quant Time: Dec 03 00:05:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.616	75	147890	8.184	ppbv	99
47) 1,1,2-Trichloroethane	6.594	97	130991	10.843	ppbv	95
48) Dibromochloromethane	7.396	129	239231	11.518	ppbv	100
49) Bromoform	9.490	173	213075	11.581	ppbv	99
50) 4-Methyl-2-Pentanone	5.762	43	301568	9.338	ppbv	98
51) 2-Hexanone	7.442	43	216900	8.649	ppbv #	99
52) Tetrachloroethene	8.235	164	122265	10.568	ppbv	95
53) Toluene	6.946	91	369257	10.026	ppbv	98
54) 1,2-Dibromoethane	7.662	107	177639	9.992	ppbv	92
56) 1,1,1,2-Tetrachloroethane	8.930	131	223471	11.919	ppbv	98
57) Chlorobenzene	8.930	112	299666	11.440	ppbv	98
58) Ethyl Benzene	9.361	91	528294	10.759	ppbv	98
59) m/p-Xylene	9.558	91	407281	10.345	ppbv #	20
60) o-Xylene	9.973	91	434822	11.056	ppbv	99
61) Styrene	9.879	104	168689	9.800	ppbv	99
62) Isopropylbenzene	10.545	105	777896	11.056	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.969	83	270794	10.821	ppbv	100
64) n-propylbenzene	10.995	120	197680	10.934	ppbv	100
65) tert-Butylbenzene	11.536	119	674888	10.740	ppbv	100
66) Benzyl Chloride	11.623	91	32212	5.051	ppbv	100
67) sec-Butylbenzene	11.772	105	947203	10.799	ppbv	99
69) p-Isopropyltoluene	11.931	119	789416	10.624	ppbv	100
70) n-Butylbenzene	12.287	91	756793	10.499	ppbv	100
71) 2-Chlorotoluene	10.908	91	578579	10.698	ppbv	99
72) 4-Ethyltoluene	11.131	105	522854	10.917	ppbv	99
73) 1,3,5-Trimethylbenzene	11.209	105	437005	10.873	ppbv	95
74) 1,2,4-Trimethylbenzene	11.542	105	484574	11.047	ppbv	98
75) 1,3-Dichlorobenzene	11.614	146	288141	11.257	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	285722	11.160	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	274815	11.167	ppbv	99
78) Hexachloro-1,3-Butadiene	13.886	225	211454	10.296	ppbv	100
79) Naphthalene	13.517	128	392220	10.068	ppbv	99
80) Naphthalene,2-methyl-	14.465	142	91837	8.981	ppbv	98
81) 1,2,4-Trichlorobenzene	13.446	180	193291	11.094	ppbv	99

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

Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

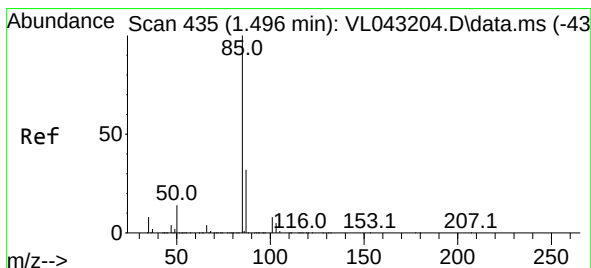
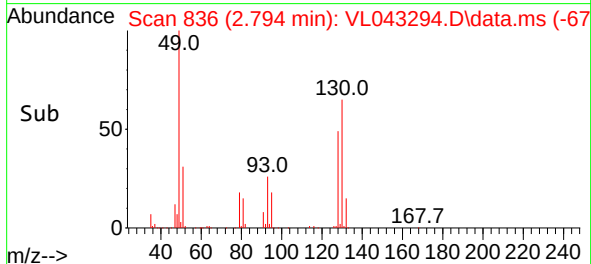
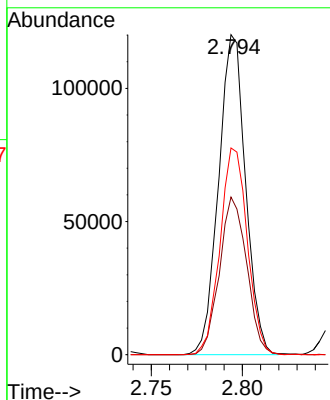
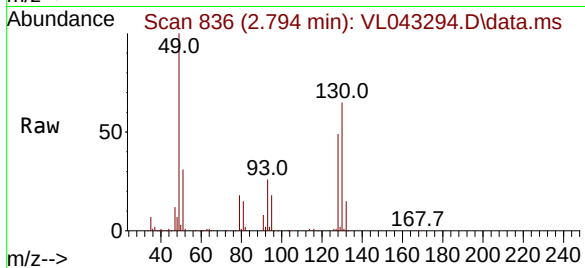
[illegible]



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

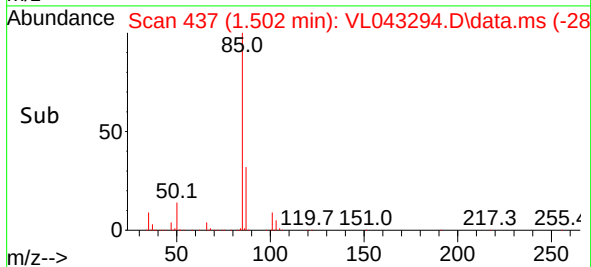
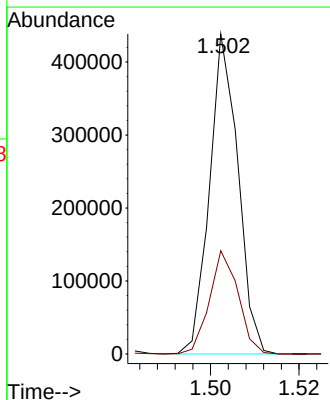
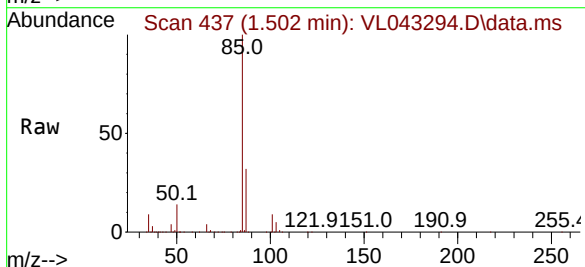
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

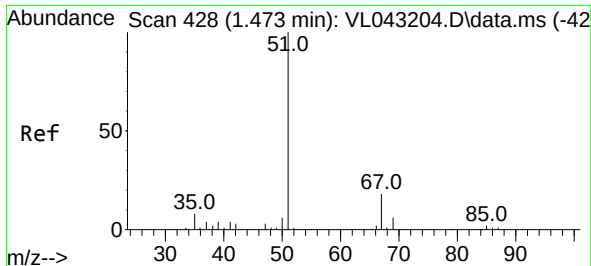
Tgt Ion: 49 Resp: 123802
Ion Ratio Lower Upper
49 100
128 49.8 23.0 69.0
130 65.4 29.9 89.7



#2
Dichlorodifluoromethane
Concen: 11.194 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.007 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 85 Resp: 195459
Ion Ratio Lower Upper
85 100
87 32.2 25.4 38.2

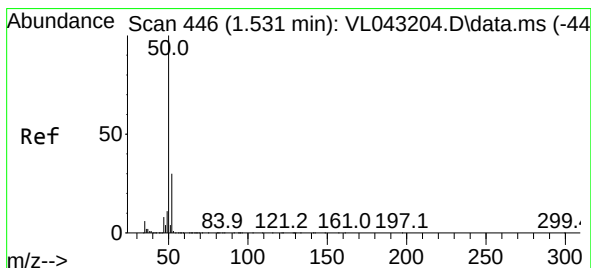
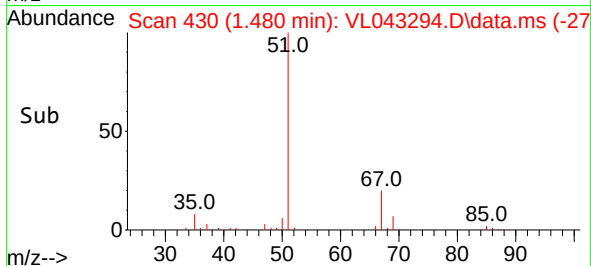
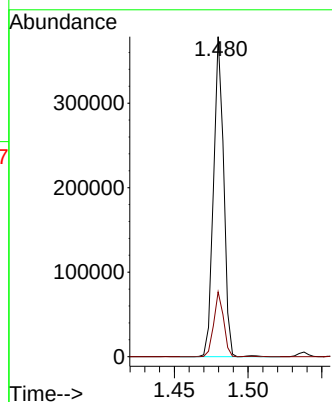
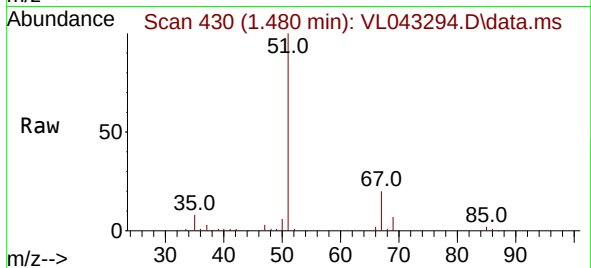




#3
Chlorodifluoromethane
Concen: 10.464 ppbv
RT: 1.480 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

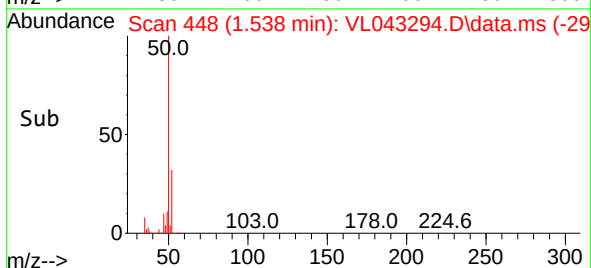
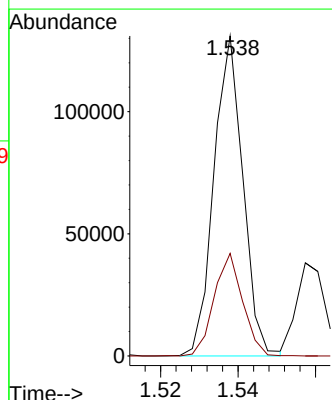
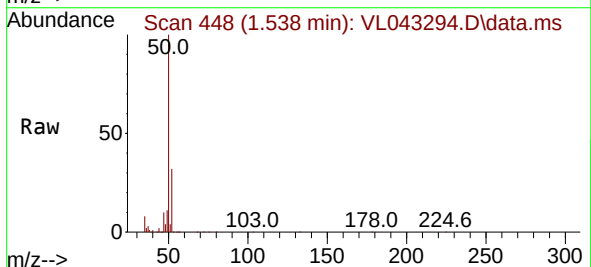
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

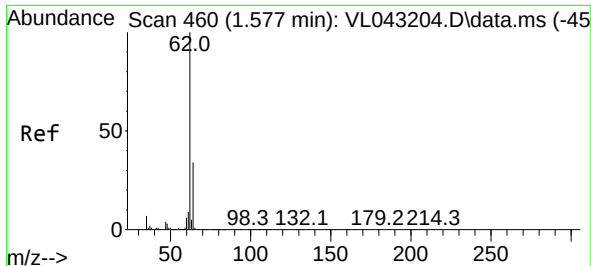
Tgt Ion: 51 Resp: 179686
Ion Ratio Lower Upper
51 100
67 19.7 14.9 22.3



#4
Chloromethane
Concen: 10.428 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.006 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 50 Resp: 68083
Ion Ratio Lower Upper
50 100
52 32.1 24.1 36.1

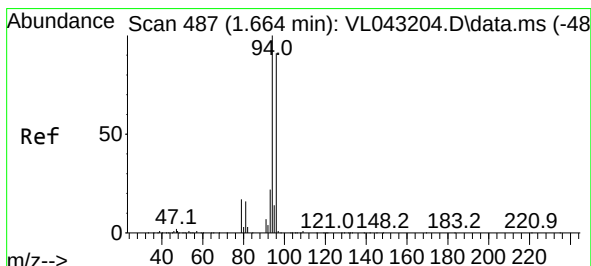
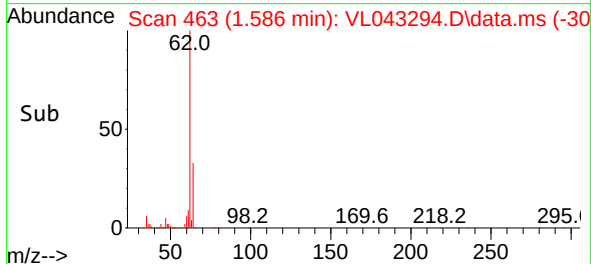
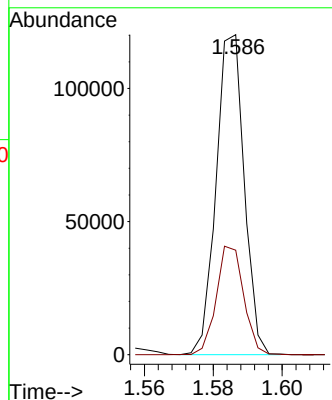
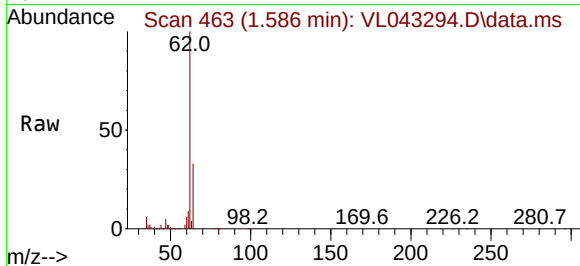




#5
 Vinyl Chloride
 Concen: 9.530 ppbv
 RT: 1.586 min Scan# 4
 Delta R.T. 0.010 min
 Lab File: VL043294.D
 Acq: 02 Dec 2025 11:06

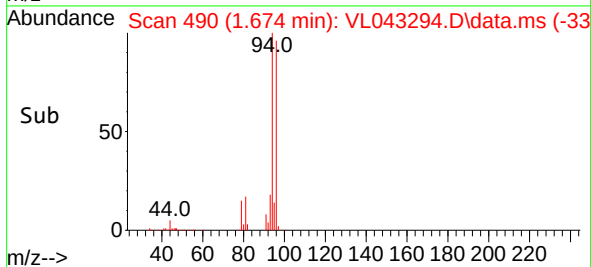
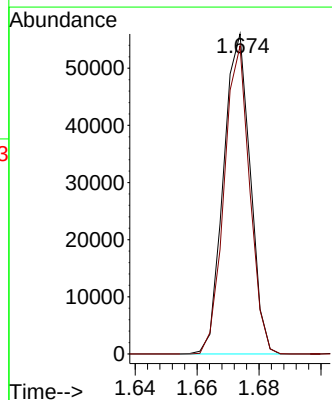
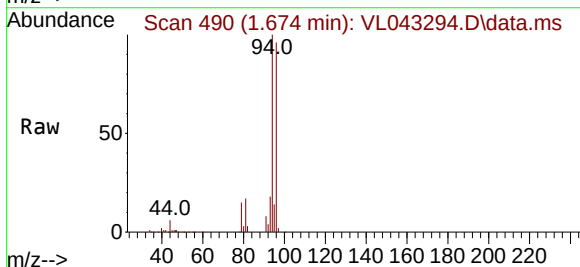
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1202ABS01

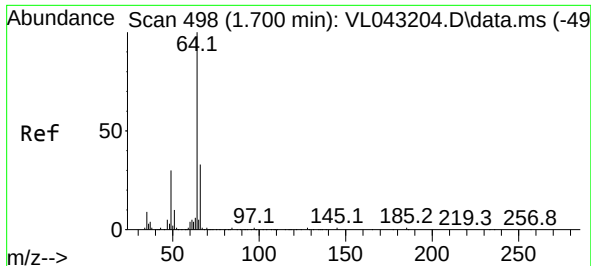
Tgt Ion: 62 Resp: 68042
 Ion Ratio Lower Upper
 62 100
 64 32.6 27.3 40.9



#6
 Bromomethane
 Concen: 9.719 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.010 min
 Lab File: VL043294.D
 Acq: 02 Dec 2025 11:06

Tgt Ion: 94 Resp: 33637
 Ion Ratio Lower Upper
 94 100
 96 96.2 72.9 109.3

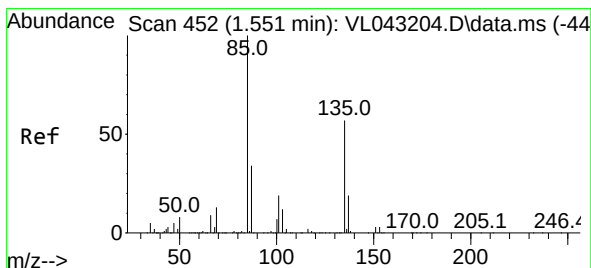
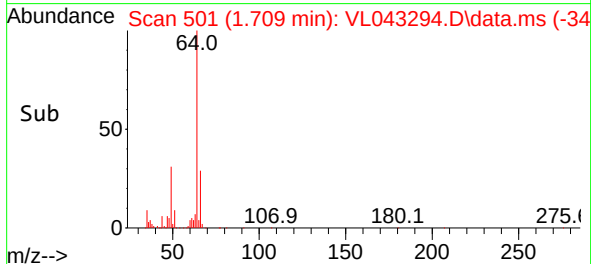
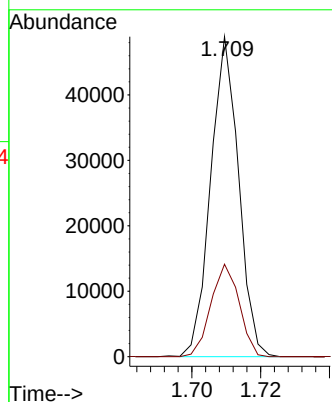
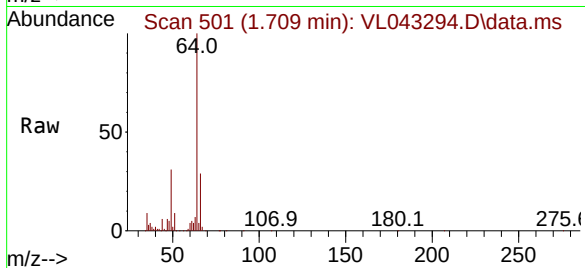




#7
Chloroethane
Concen: 9.915 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.010 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

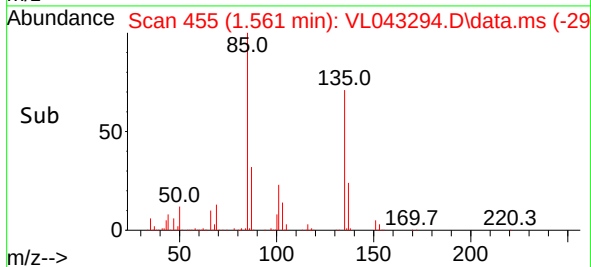
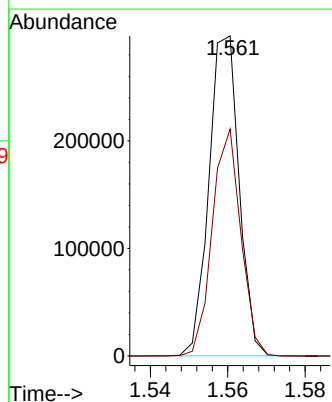
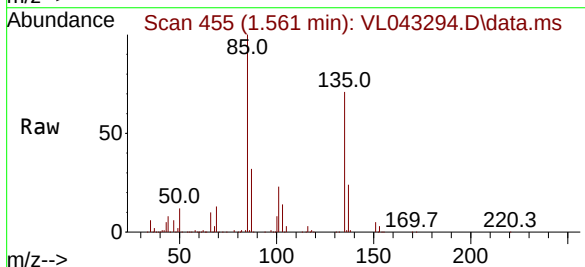
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

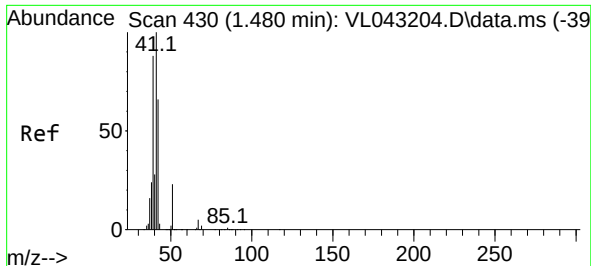
Tgt Ion: 64 Resp: 27571
Ion Ratio Lower Upper
64 100
66 28.9 26.8 40.2



#8
Dichlorotetrafluoroethane
Concen: 11.111 ppbv
RT: 1.561 min Scan# 455
Delta R.T. 0.010 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 85 Resp: 161389
Ion Ratio Lower Upper
85 100
135 67.0 52.6 79.0

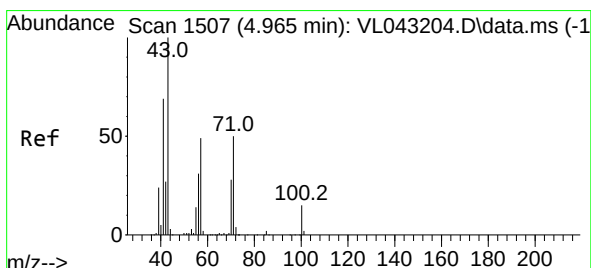
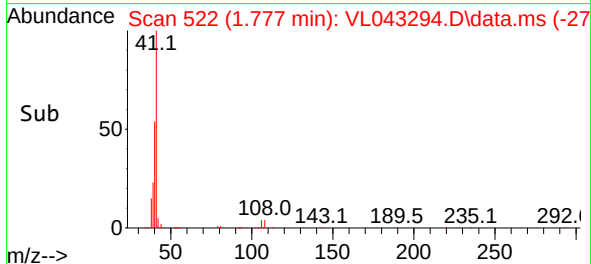
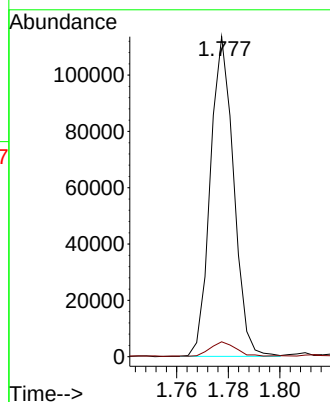
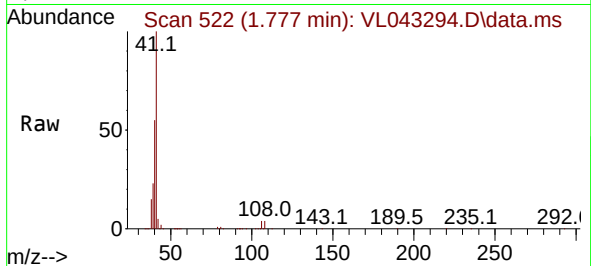




#9
 Propene
 Concen: 9.788 ppbv
 RT: 1.777 min Scan# 51
 Delta R.T. 0.298 min
 Lab File: VL043294.D
 Acq: 02 Dec 2025 11:06

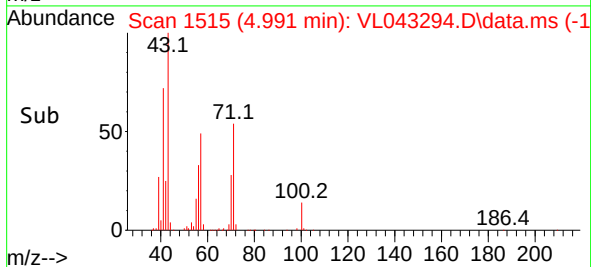
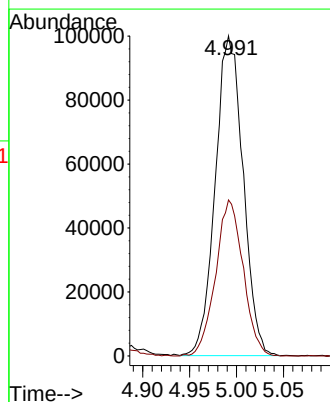
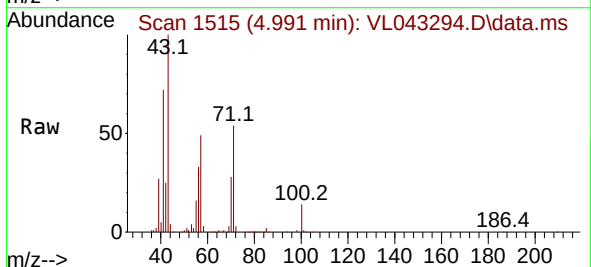
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1202ABS01

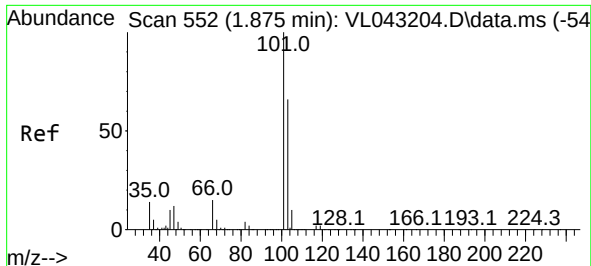
Tgt Ion: 41 Resp: 71375
 Ion Ratio Lower Upper
 41 100
 42 4.7 3.7 5.5



#10
 Heptane
 Concen: 9.480 ppbv
 RT: 4.991 min Scan# 1515
 Delta R.T. 0.026 min
 Lab File: VL043294.D
 Acq: 02 Dec 2025 11:06

Tgt Ion: 43 Resp: 205732
 Ion Ratio Lower Upper
 43 100
 57 48.2 39.7 59.5

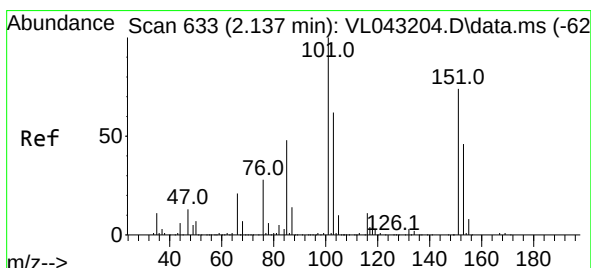
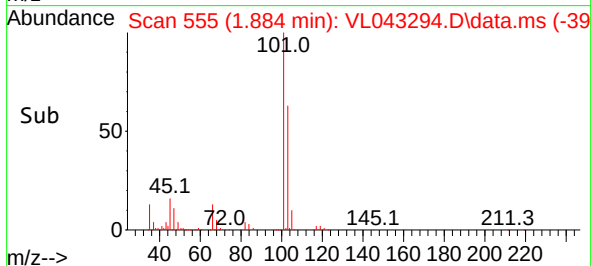
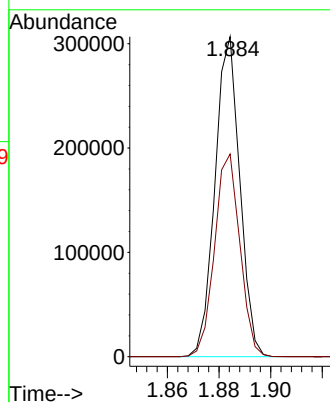
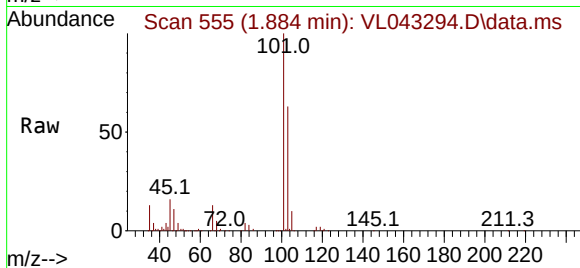




#11
Trichlorofluoromethane
Concen: 12.108 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.010 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

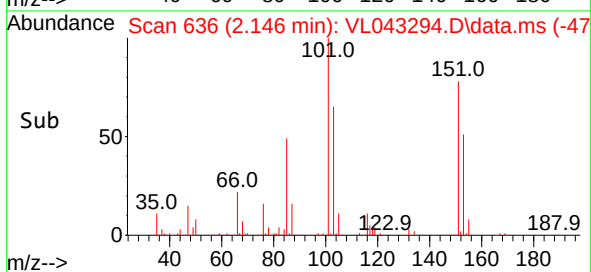
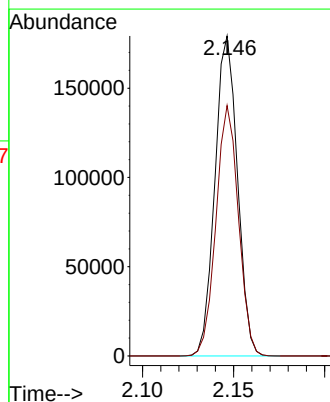
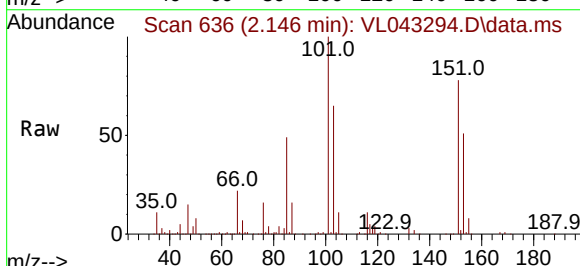
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

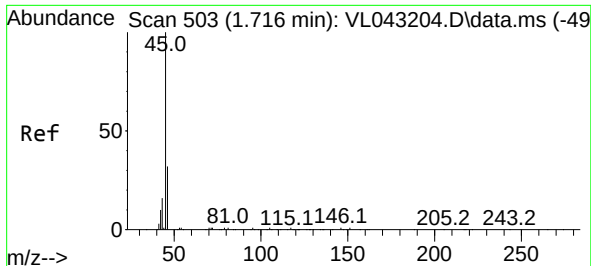
Tgt Ion:101 Resp: 204847
Ion Ratio Lower Upper
101 100
103 63.3 52.6 79.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.671 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.010 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion:101 Resp: 154149
Ion Ratio Lower Upper
101 100
151 77.8 59.2 88.8

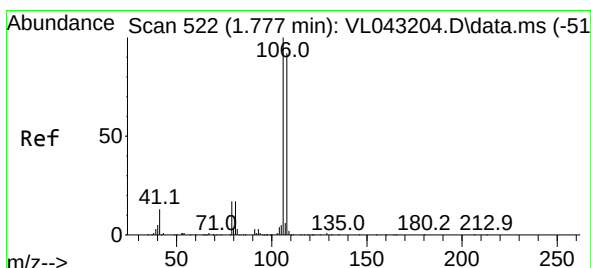
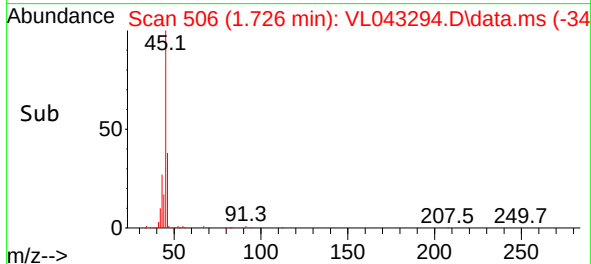
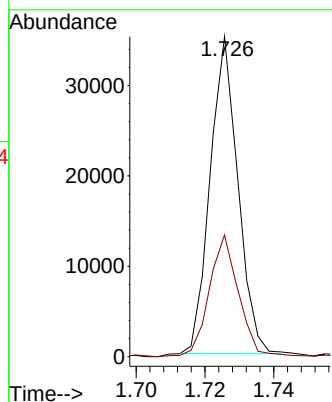
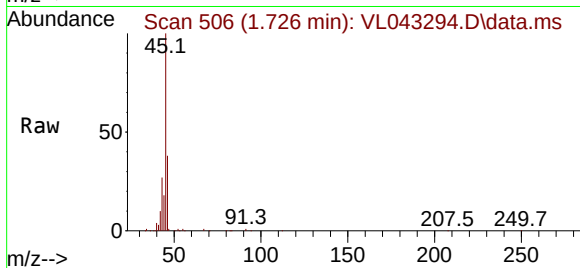




#13
 Ethanol
 Concen: 7.686 ppbv
 RT: 1.726 min Scan# 503
 Delta R.T. 0.010 min
 Lab File: VL043294.D
 Acq: 02 Dec 2025 11:06

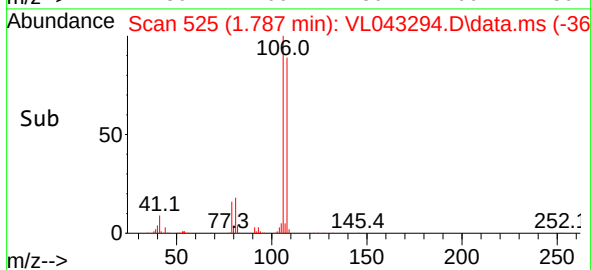
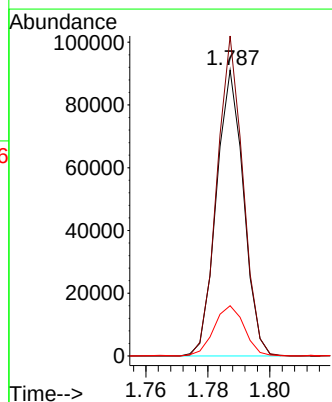
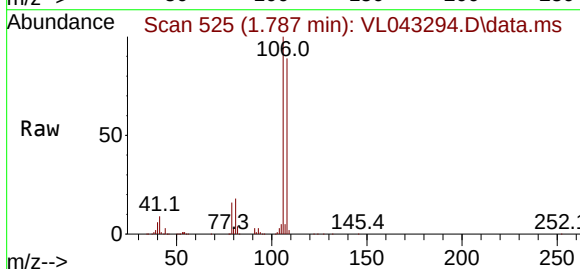
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1202ABS01

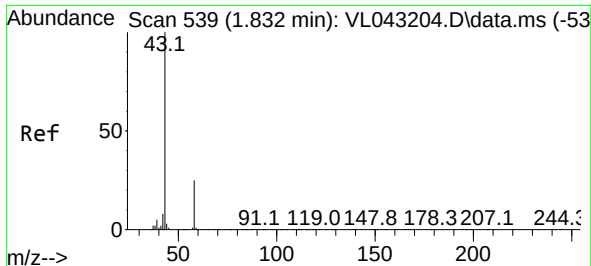
Tgt Ion: 45 Resp: 19708
 Ion Ratio Lower Upper
 45 100
 46 41.3 15.0 59.8



#14
 Bromoethene
 Concen: 10.971 ppbv
 RT: 1.787 min Scan# 525
 Delta R.T. 0.010 min
 Lab File: VL043294.D
 Acq: 02 Dec 2025 11:06

Tgt Ion: 108 Resp: 55552
 Ion Ratio Lower Upper
 108 100
 106 106.7 88.9 133.3
 79 20.2 16.5 24.7

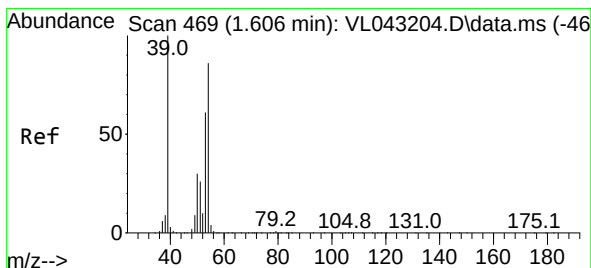
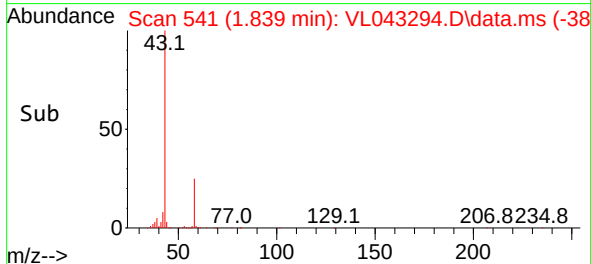
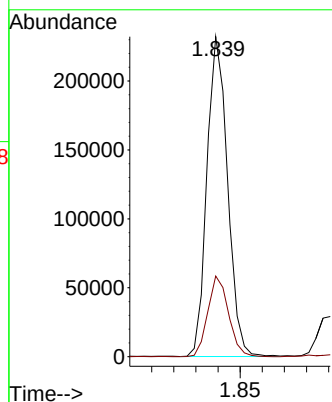
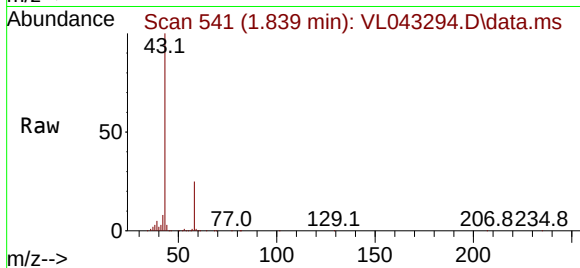




#15
Acetone
Concen: 8.753 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

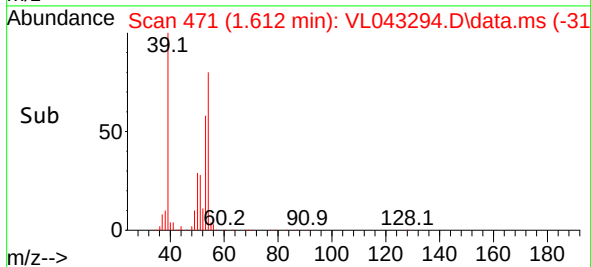
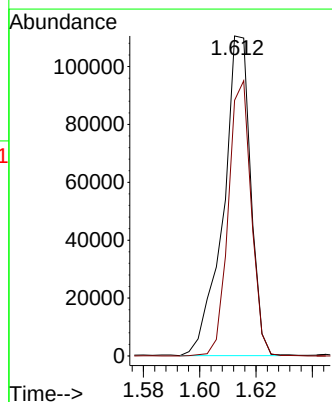
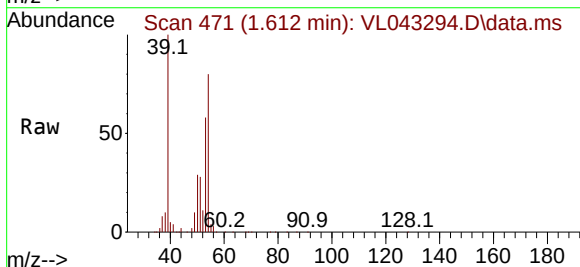
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

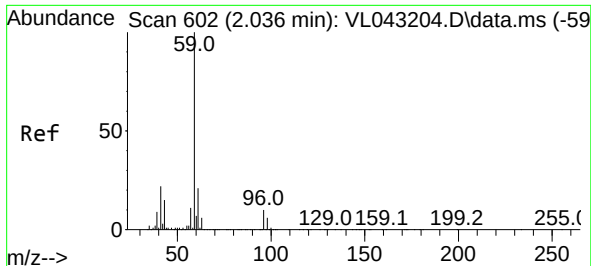
Tgt Ion: 43 Resp: 150554
Ion Ratio Lower Upper
43 100
58 25.3 20.7 31.1



#16
1,3-Butadiene
Concen: 9.742 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.006 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 39 Resp: 74702
Ion Ratio Lower Upper
39 100
54 72.0 59.4 89.2





#17

tert-Butyl alcohol

Concen: 9.547 ppbv

RT: 2.043 min Scan# 602

Delta R.T. 0.007 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

Instrument :

MSVOA_1

ClientSampleId :

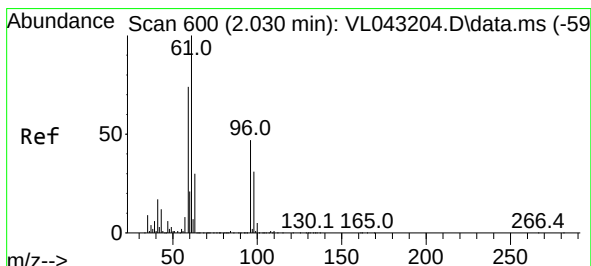
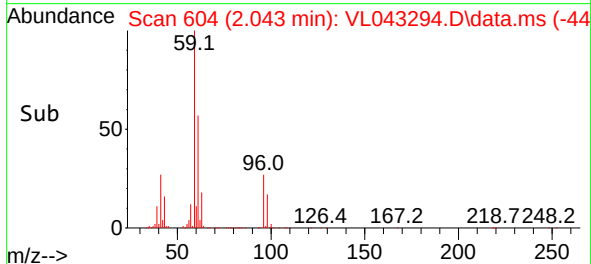
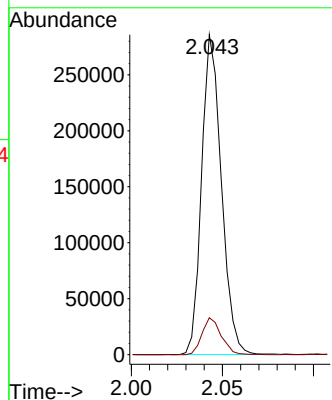
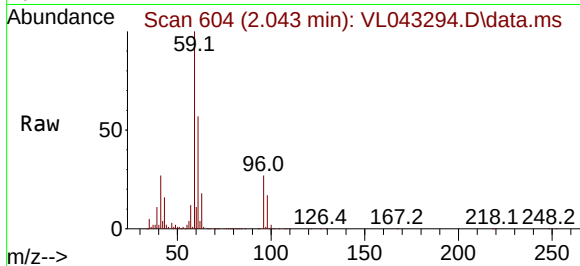
VL1202ABS01

Tgt Ion: 59 Resp: 215553

Ion Ratio Lower Upper

59 100

57 11.2 9.0 13.4



#18

1,1-Dichloroethene

Concen: 10.734 ppbv

RT: 2.040 min Scan# 603

Delta R.T. 0.010 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

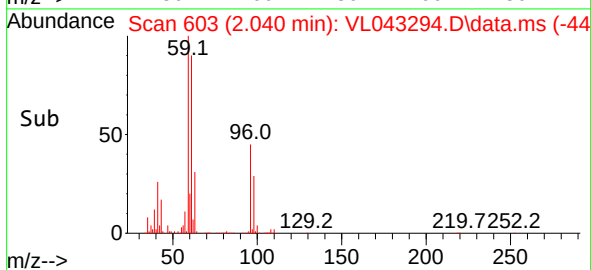
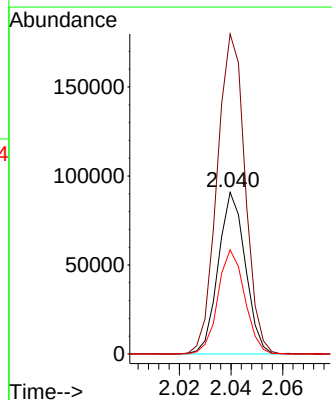
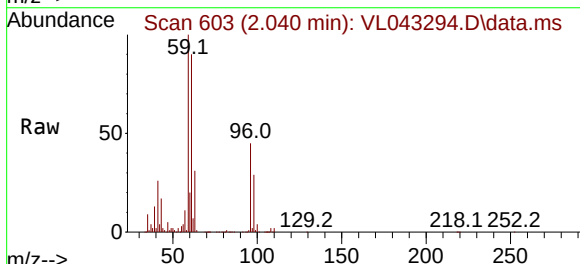
Tgt Ion: 96 Resp: 66011

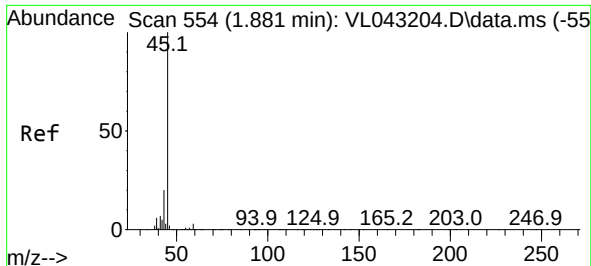
Ion Ratio Lower Upper

96 100

61 198.0 170.6 255.8

98 64.3 52.2 78.4





#19

Isopropyl Alcohol

Concen: 8.906 ppbv

RT: 1.891 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

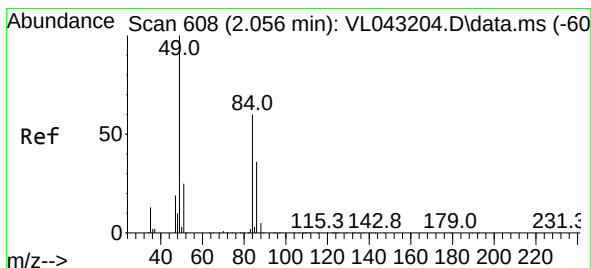
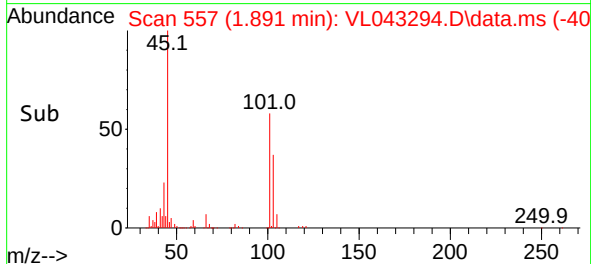
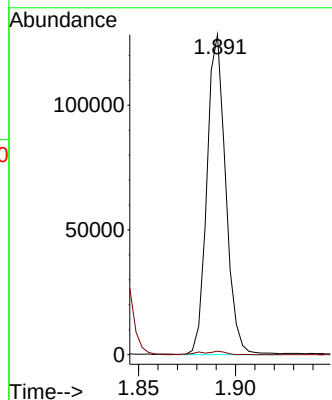
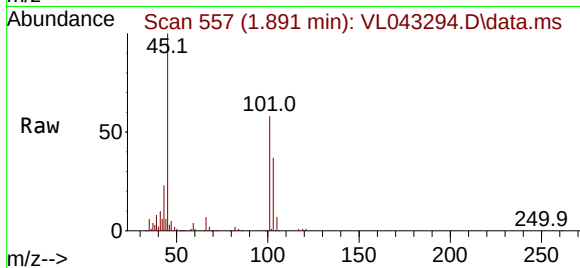
VL1202ABS01

Tgt Ion: 45 Resp: 86559

Ion Ratio Lower Upper

45 100

58 44.1 31.3 46.9



#20

Methylene Chloride

Concen: 12.238 ppbv

RT: 2.069 min Scan# 612

Delta R.T. 0.013 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

Tgt Ion: 84 Resp: 61135

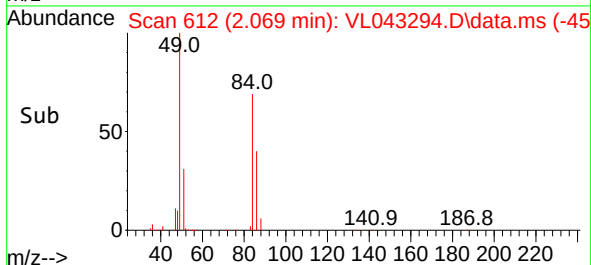
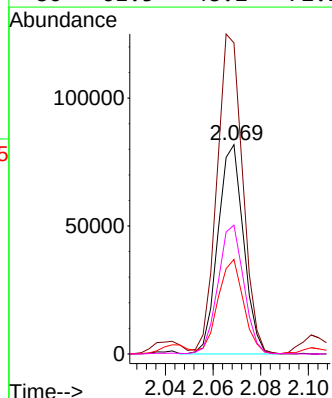
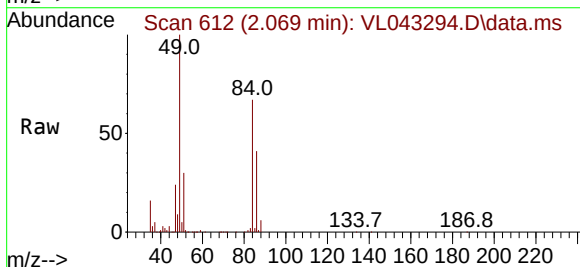
Ion Ratio Lower Upper

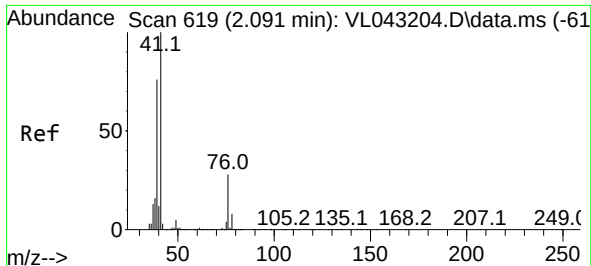
84 100

49 148.5 132.9 199.3

51 45.0 34.8 52.2

86 61.5 48.2 72.2





#21

Allyl Chloride

Concen: 9.006 ppbv

RT: 2.101 min Scan# 619

Delta R.T. 0.010 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

VL1202ABS01

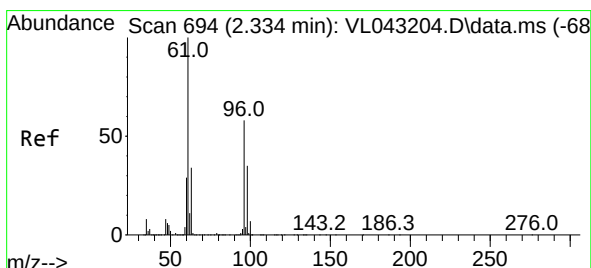
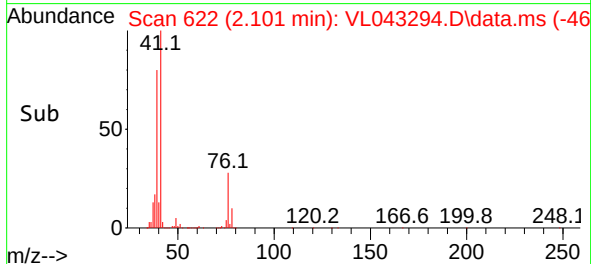
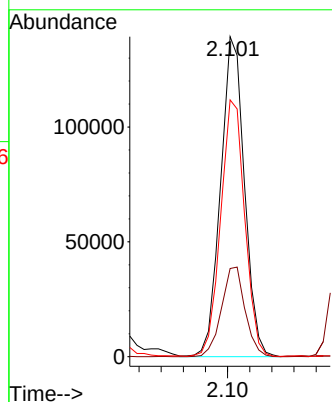
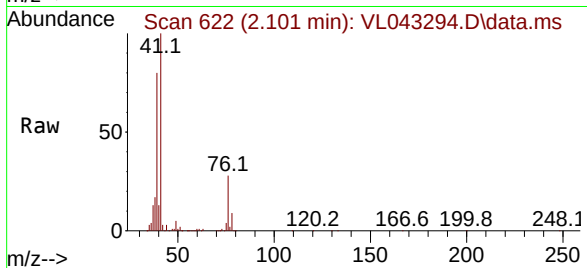
Tgt Ion: 41 Resp: 104222

Ion Ratio Lower Upper

41 100

76 27.9 22.1 33.1

39 80.2 61.0 91.4



#22

trans-1,2-Dichloroethene

Concen: 10.729 ppbv

RT: 2.347 min Scan# 698

Delta R.T. 0.013 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

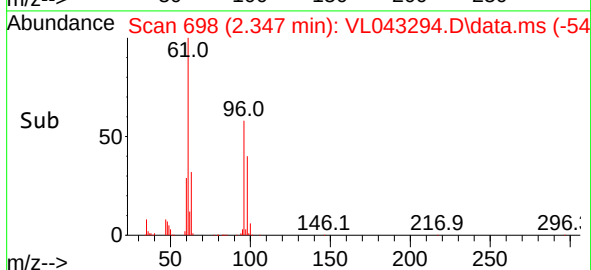
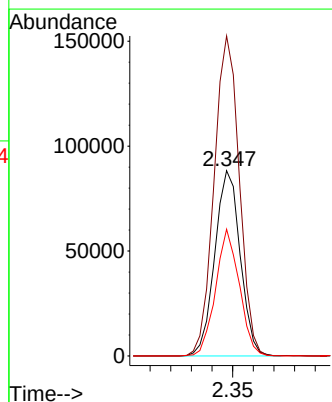
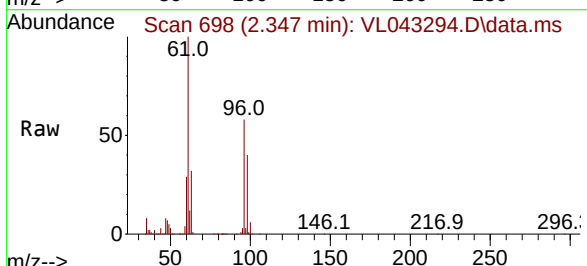
Tgt Ion: 96 Resp: 75412

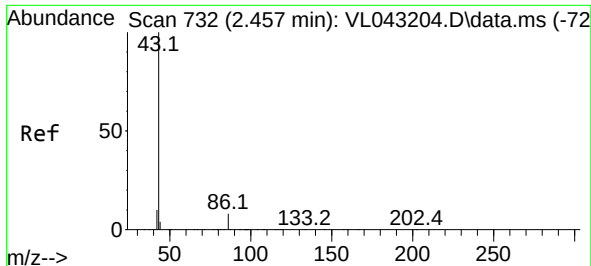
Ion Ratio Lower Upper

96 100

61 172.7 139.0 208.6

98 68.4 49.4 74.2



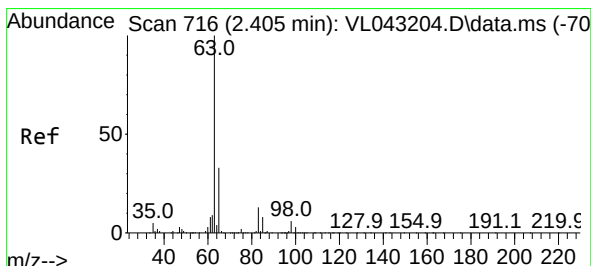
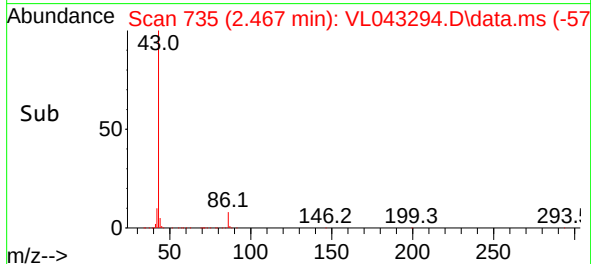
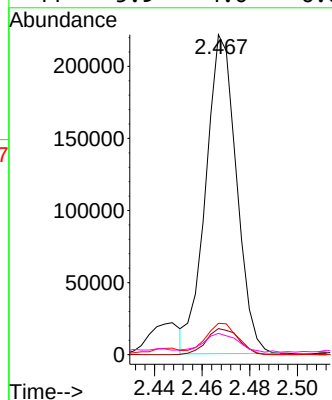
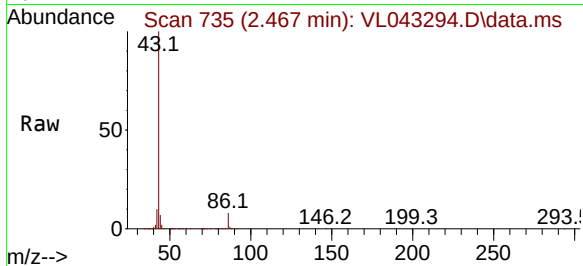


#23
 Vinyl Acetate
 Concen: 9.525 ppbv
 RT: 2.467 min Scan# 719
 Delta R.T. 0.010 min
 Lab File: VL043294.D
 Acq: 02 Dec 2025 11:06

Instrument :
 MSVOA_1
 ClientSampleId :
 VL1202ABS01

Tgt Ion: 43 Resp: 197779

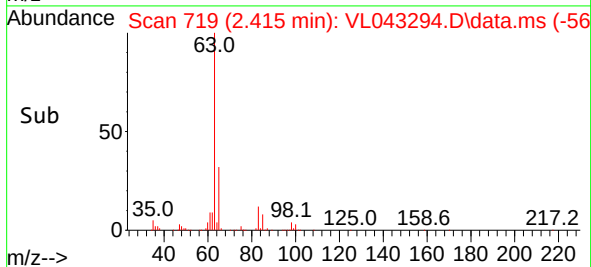
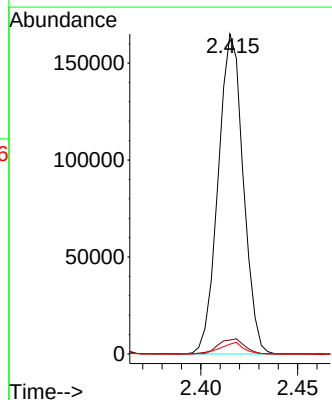
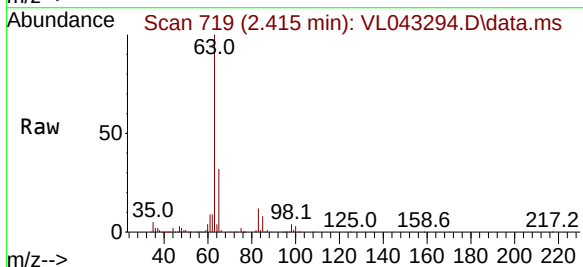
Ion	Ratio	Lower	Upper
43	100		
86	8.2	6.2	9.2
42	9.8	8.0	12.0
44	5.9	4.0	6.0

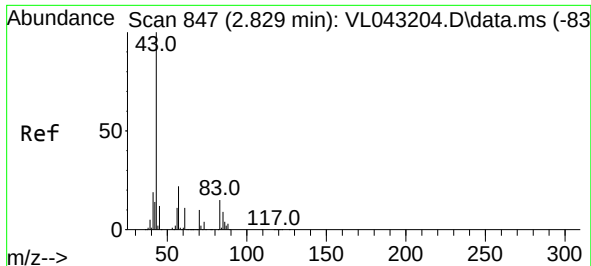


#24
 1,1-Dichloroethane
 Concen: 10.939 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.010 min
 Lab File: VL043294.D
 Acq: 02 Dec 2025 11:06

Tgt Ion: 63 Resp: 148426

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.8	8.4
100	3.1	1.3	3.9

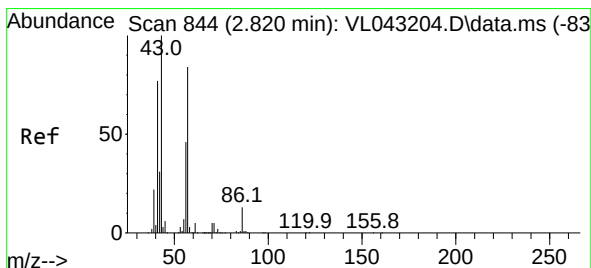
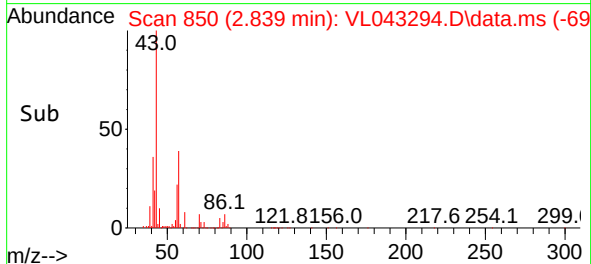
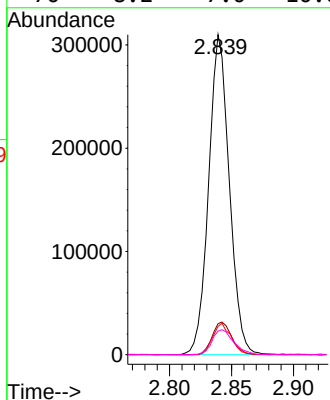
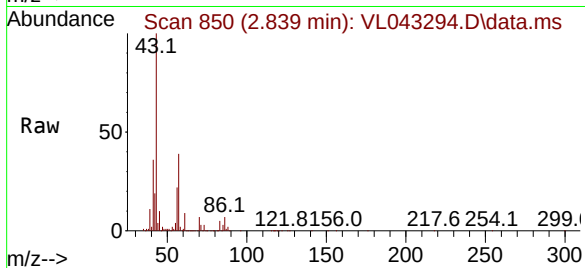




#25
Ethyl Acetate
Concen: 9.709 ppbv
RT: 2.839 min Scan# 847
Delta R.T. 0.010 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

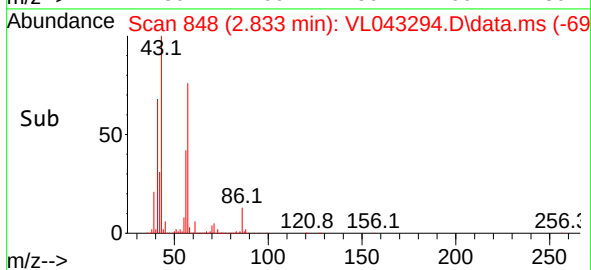
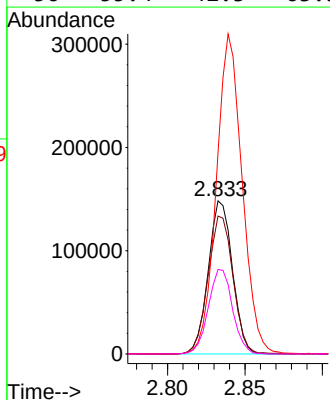
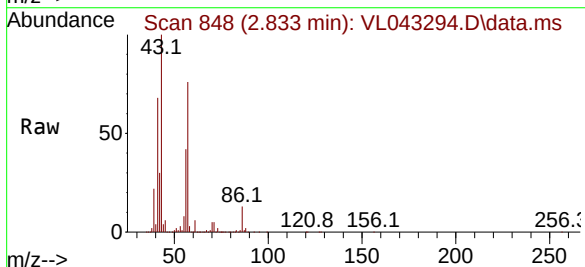
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

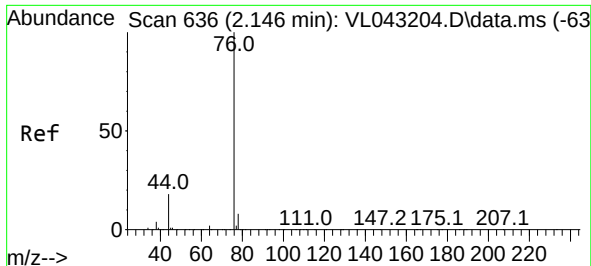
Tgt Ion: 43	Resp: 360184
Ion Ratio	Lower Upper
43 100	
45 9.9	8.1 12.1
61 8.8	7.0 10.4
70 8.2	7.0 10.6



#26
Hexane
Concen: 9.882 ppbv
RT: 2.833 min Scan# 848
Delta R.T. 0.013 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 57	Resp: 160728
Ion Ratio	Lower Upper
57 100	
41 93.8	74.6 111.8
43 224.7	179.0 268.4
56 55.4	42.3 63.5

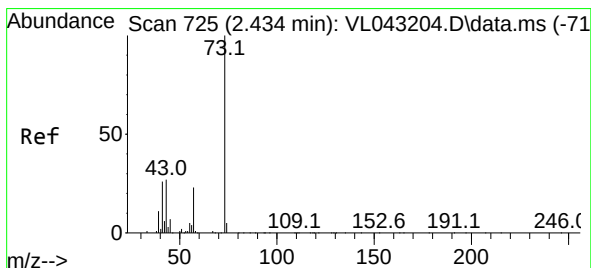
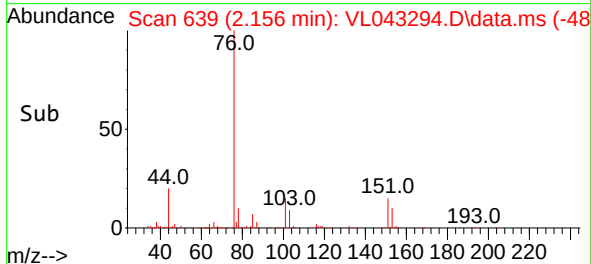
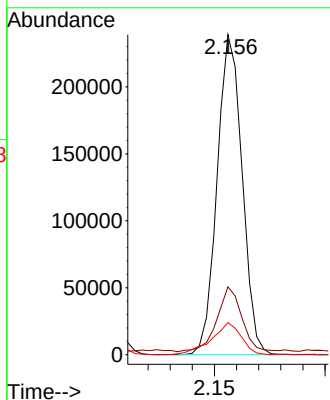
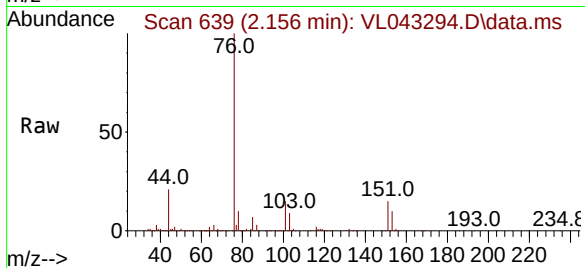




#27
Carbon Disulfide
Concen: 11.300 ppbv
RT: 2.156 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

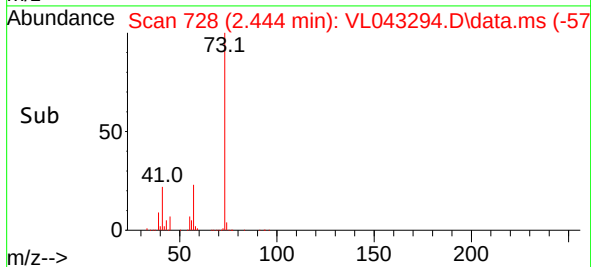
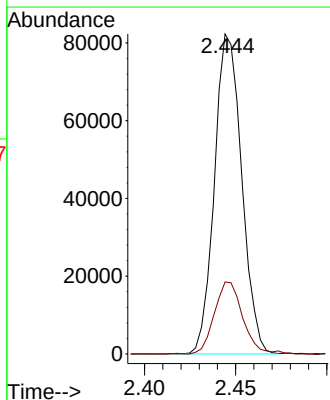
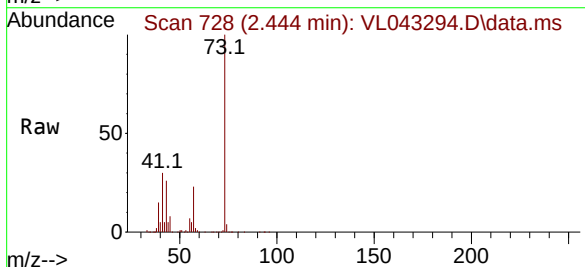
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

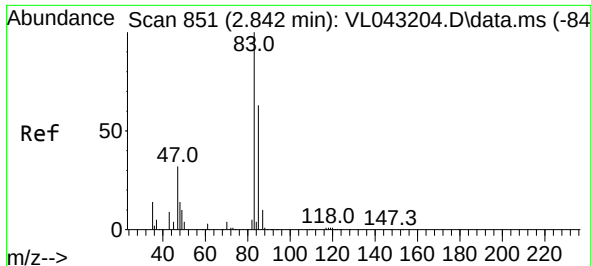
Tgt Ion: 76 Resp: 187625
Ion Ratio Lower Upper
76 100
44 20.3 16.1 24.1
78 11.9 9.6 14.4



#28
Methyl tert-Butyl Ether
Concen: 10.714 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.010 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 73 Resp: 85538
Ion Ratio Lower Upper
73 100
57 23.5 19.8 29.8

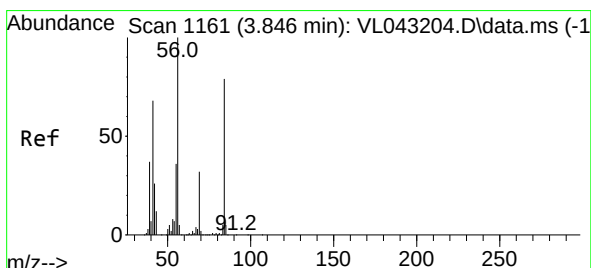
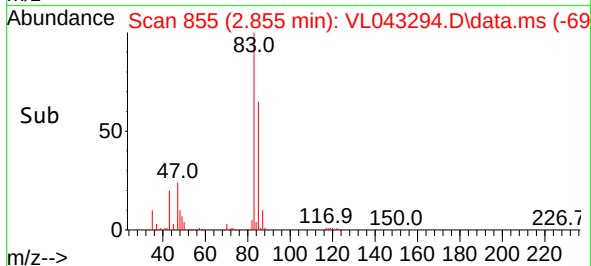
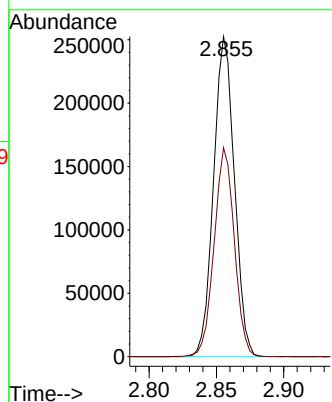
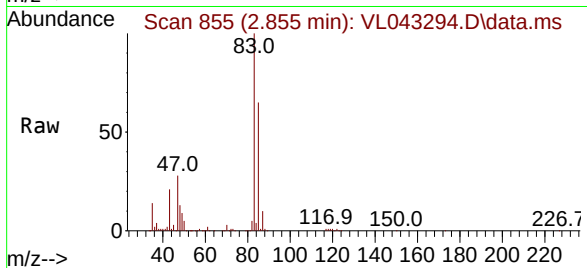




#29
Chloroform
Concen: 11.747 ppbv
RT: 2.855 min Scan# 851
Delta R.T. 0.013 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

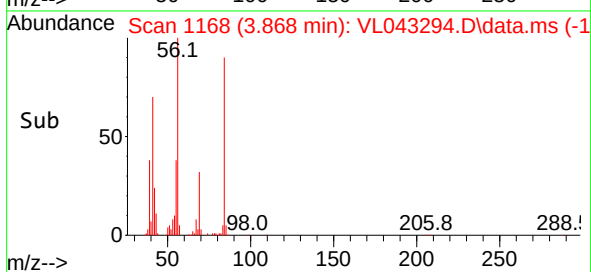
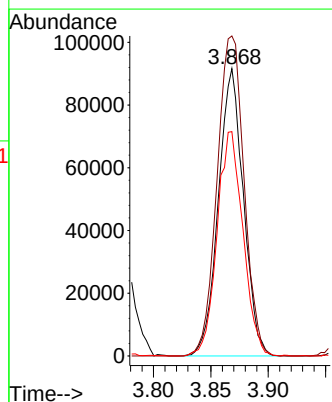
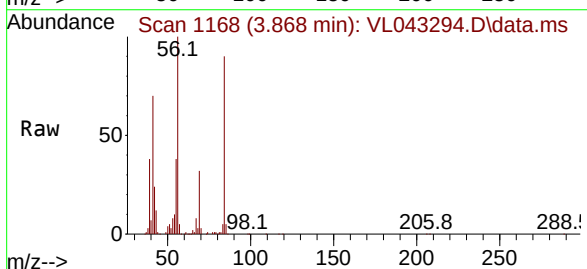
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

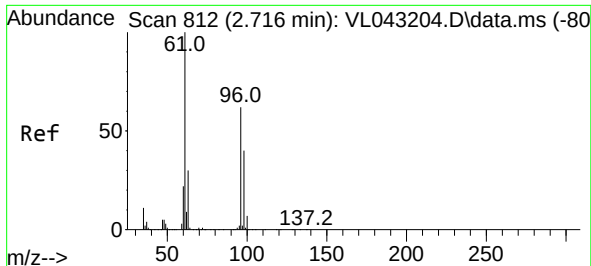
Tgt Ion: 83 Resp: 271561
Ion Ratio Lower Upper
83 100
85 65.3 50.5 75.7



#30
Cyclohexane
Concen: 10.198 ppbv
RT: 3.868 min Scan# 1168
Delta R.T. 0.023 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 84 Resp: 139054
Ion Ratio Lower Upper
84 100
56 120.1 104.7 157.1
41 80.9 69.0 103.6

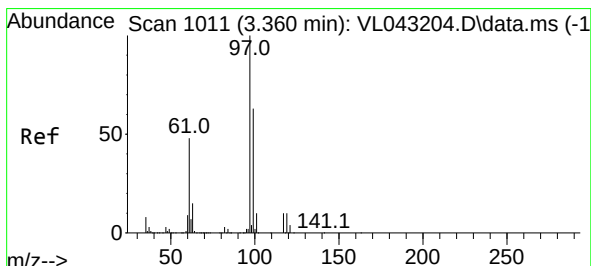
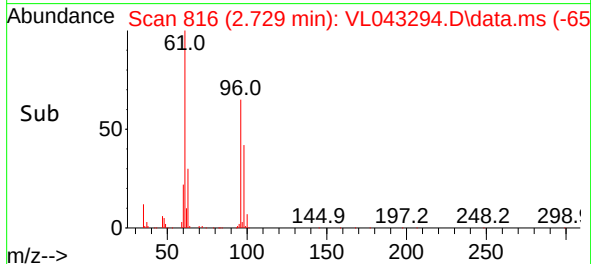
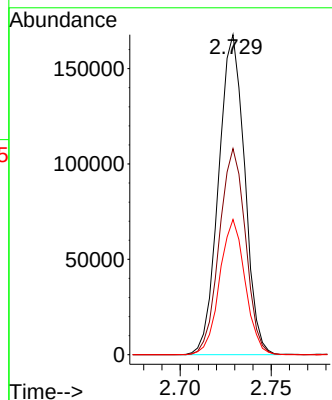
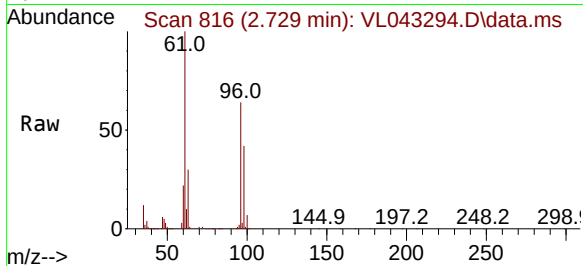




#31
 cis-1,2-Dichloroethene
 Concen: 10.311 ppbv
 RT: 2.729 min Scan# 81
 Delta R.T. 0.013 min
 Lab File: VL043294.D
 Acq: 02 Dec 2025 11:06

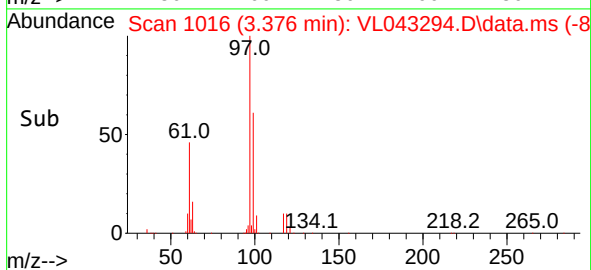
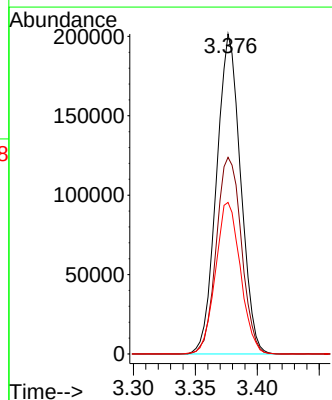
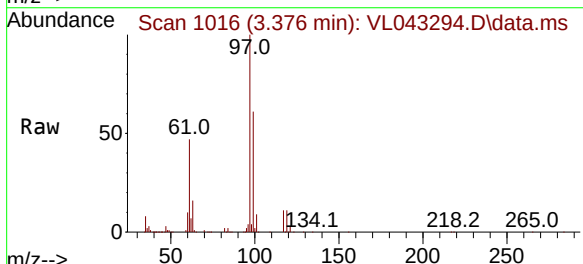
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1202ABS01

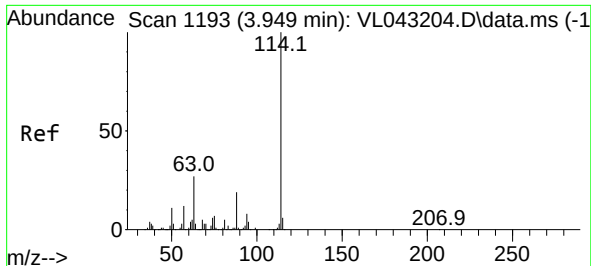
Tgt Ion: 61 Resp: 166681
 Ion Ratio Lower Upper
 61 100
 96 64.4 49.3 73.9
 98 42.2 32.1 48.1



#32
 1,1,1-Trichloroethane
 Concen: 11.096 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.016 min
 Lab File: VL043294.D
 Acq: 02 Dec 2025 11:06

Tgt Ion: 97 Resp: 273427
 Ion Ratio Lower Upper
 97 100
 99 64.1 50.3 75.5
 61 49.0 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.969 min Scan# 1199

Delta R.T. 0.019 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

VL1202ABS01

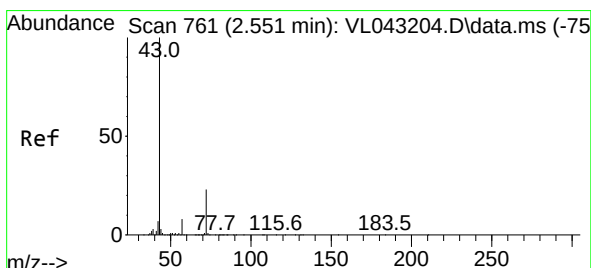
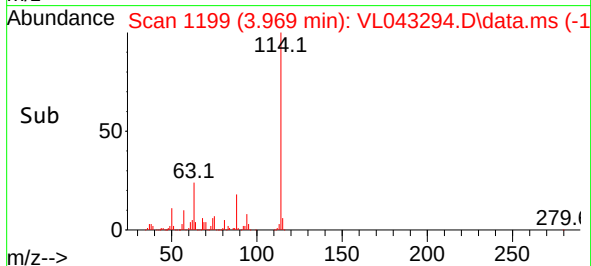
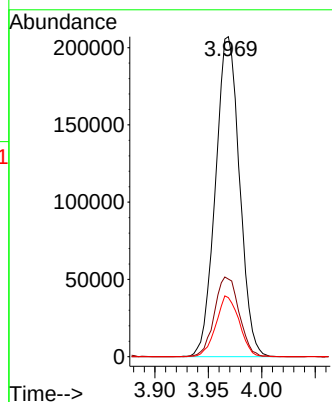
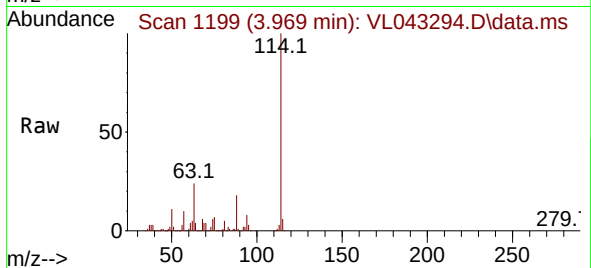
Tgt Ion:114 Resp: 324780

Ion Ratio Lower Upper

114 100

63 25.6 21.0 31.6

88 18.3 14.9 22.3



#34

2-Butanone

Concen: 9.993 ppbv

RT: 2.561 min Scan# 764

Delta R.T. 0.010 min

Lab File: VL043294.D

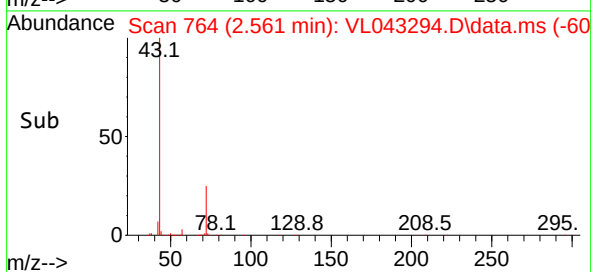
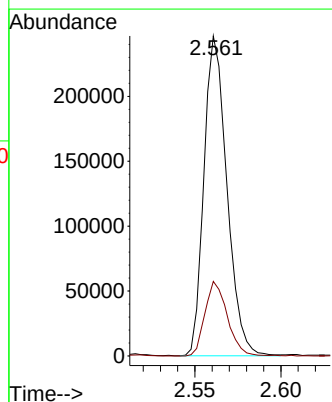
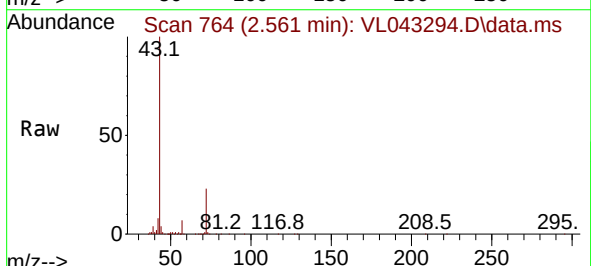
Acq: 02 Dec 2025 11:06

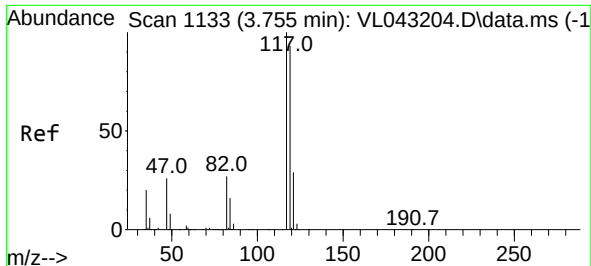
Tgt Ion: 43 Resp: 229096

Ion Ratio Lower Upper

43 100

72 22.8 18.1 27.1

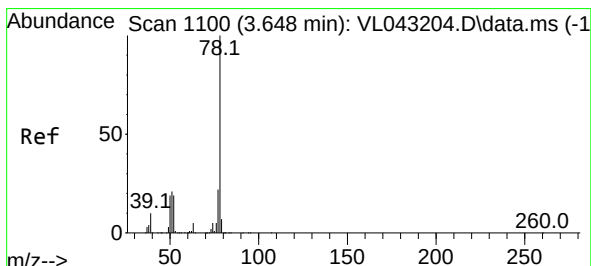
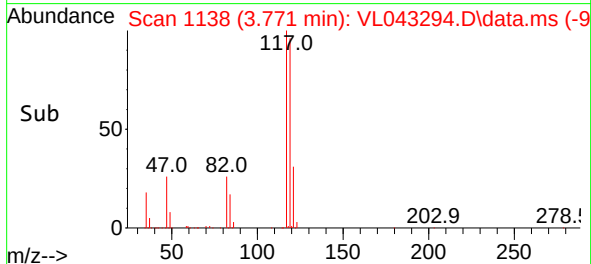
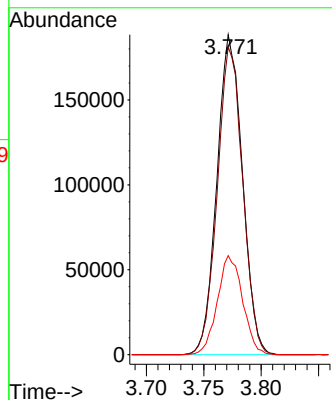
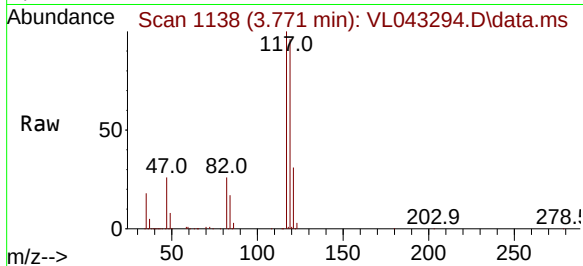




#35
Carbon Tetrachloride
Concen: 11.829 ppbv
RT: 3.771 min Scan# 1138
Delta R.T. 0.016 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

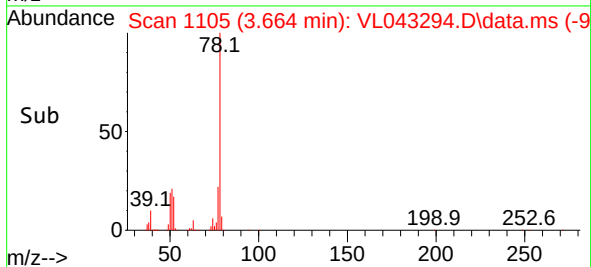
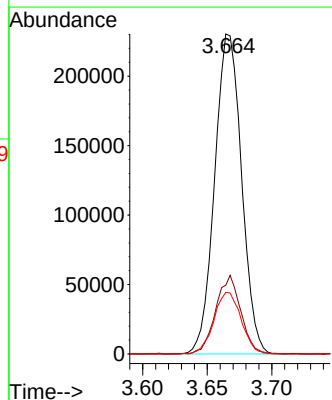
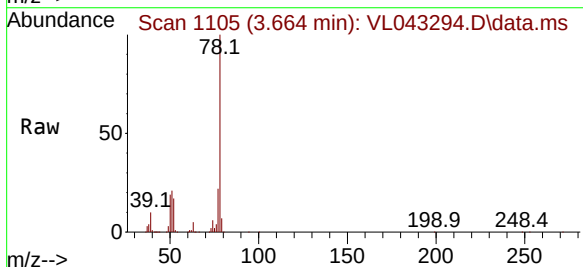
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

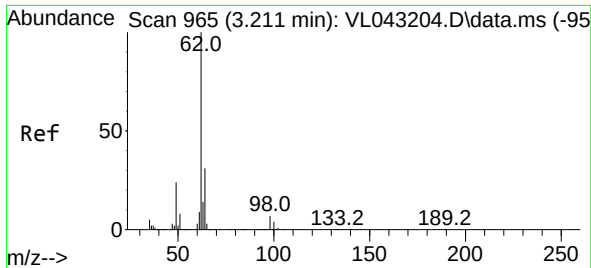
Tgt Ion:117 Resp: 291615
Ion Ratio Lower Upper
117 100
119 96.2 74.6 112.0
121 31.0 23.2 34.8



#36
Benzene
Concen: 10.727 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.016 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 78 Resp: 333658
Ion Ratio Lower Upper
78 100
77 21.4 17.5 26.3
50 19.3 15.5 23.3





#37

1,2-Dichloroethane

Concen: 11.358 ppbv

RT: 3.227 min Scan# 91

Delta R.T. 0.016 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

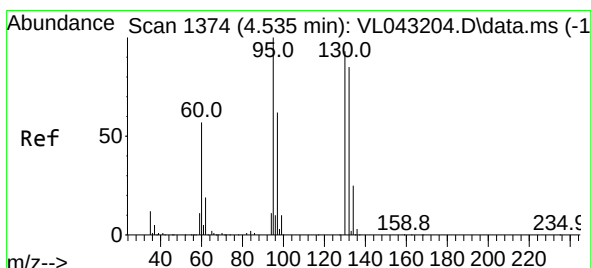
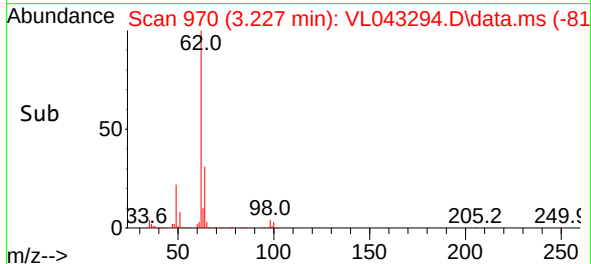
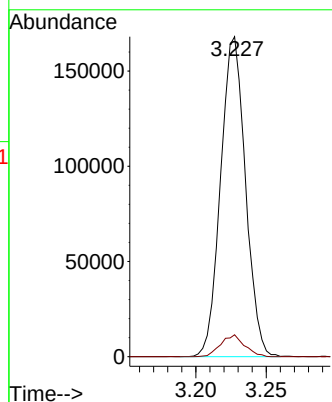
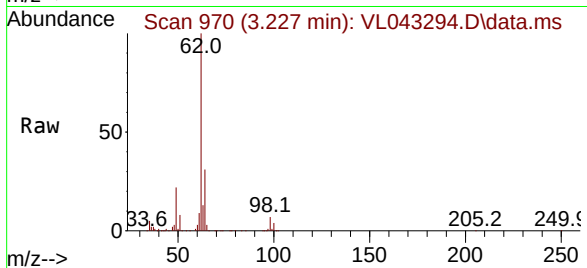
VL1202ABS01

Tgt Ion: 62 Resp: 206629

Ion Ratio Lower Upper

62 100

98 6.6 5.5 8.3



#38

Trichloroethene

Concen: 11.037 ppbv

RT: 4.558 min Scan# 1381

Delta R.T. 0.023 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

Tgt Ion:130 Resp: 134303

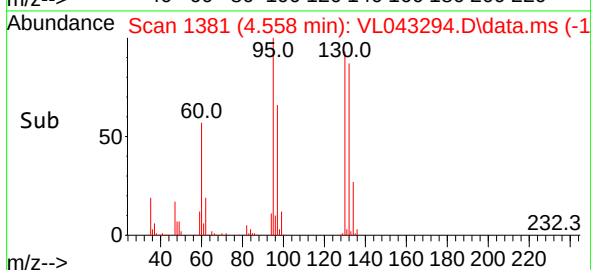
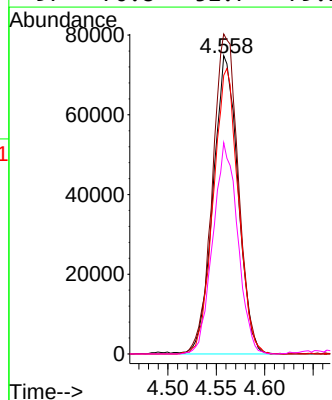
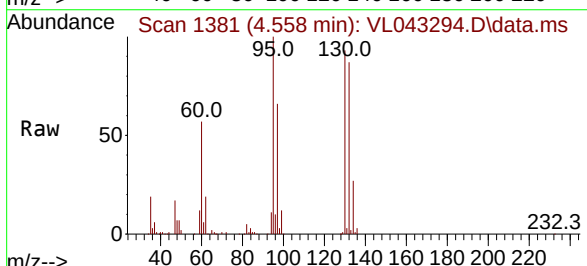
Ion Ratio Lower Upper

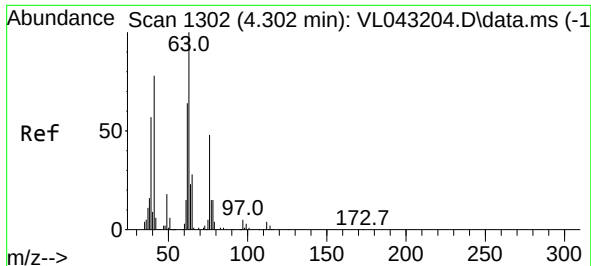
130 100

95 107.1 85.7 128.5

132 93.4 73.4 110.0

97 70.8 52.7 79.1





#39

1,2-Dichloropropane

Concen: 10.479 ppbv

RT: 4.325 min Scan# 11

Delta R.T. 0.023 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

VL1202ABS01

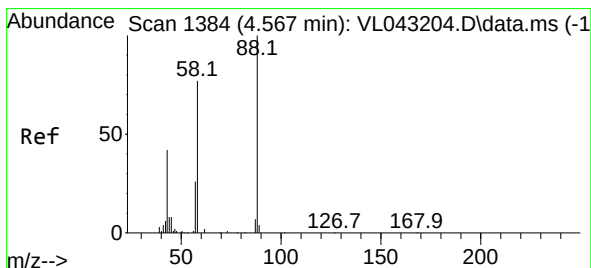
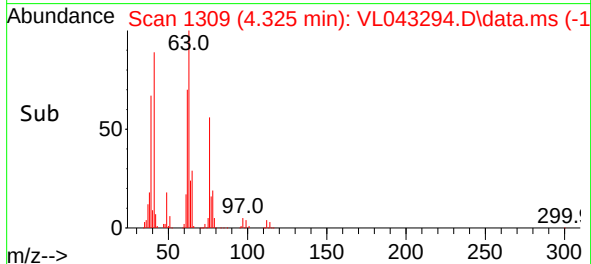
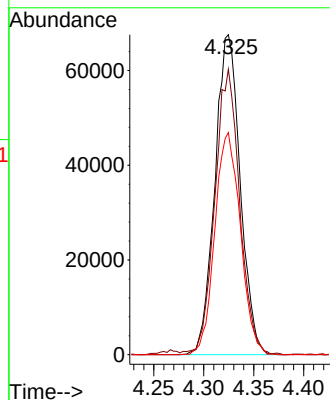
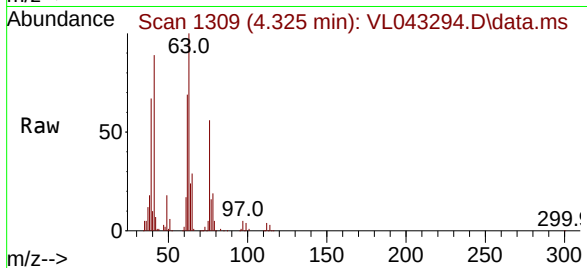
Tgt Ion: 63 Resp: 119295

Ion Ratio Lower Upper

63 100

41 88.9 62.6 93.8

62 69.4 51.0 76.6



#40

1,4-Dioxane

Concen: 8.485 ppbv

RT: 4.584 min Scan# 1389

Delta R.T. 0.016 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

Tgt Ion: 88 Resp: 43421

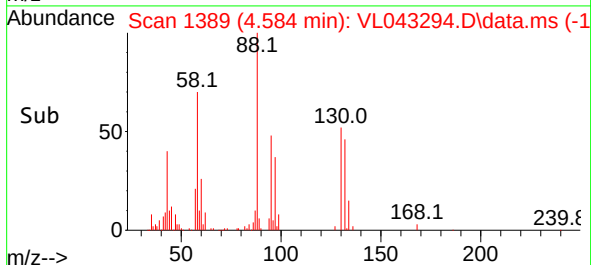
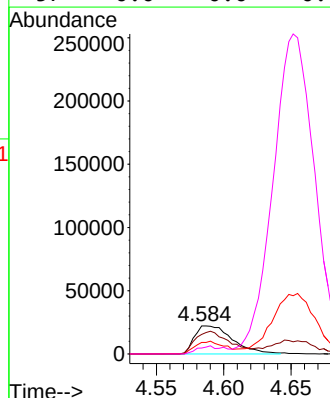
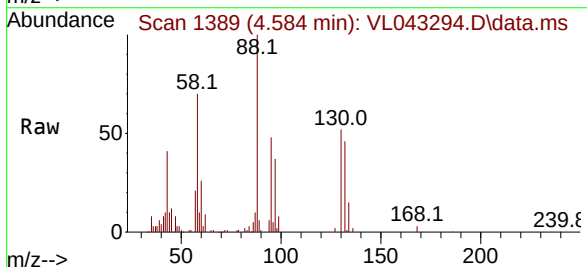
Ion Ratio Lower Upper

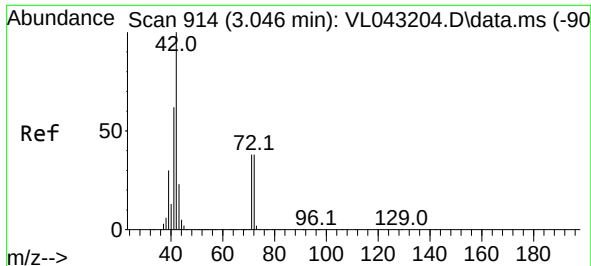
88 100

58 74.7 63.0 94.6

43 37.7 32.5 48.7

57 0.0 0.0 0.0

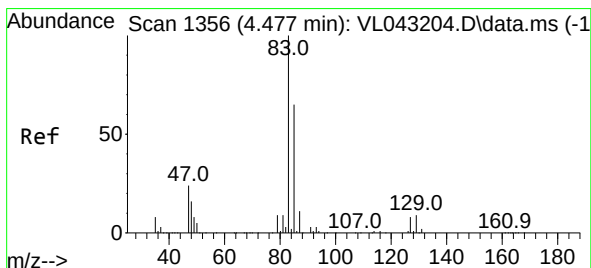
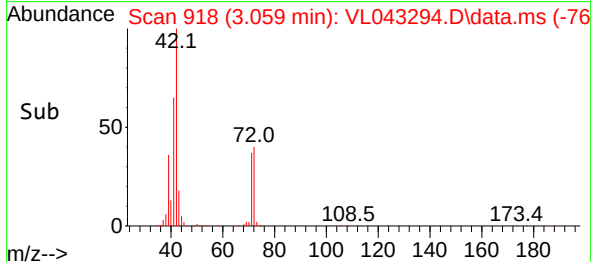
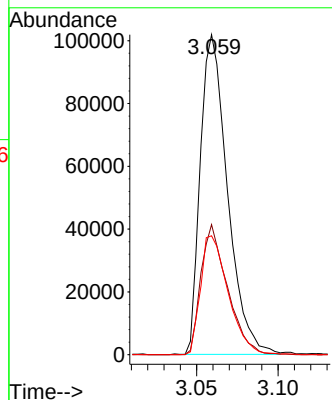
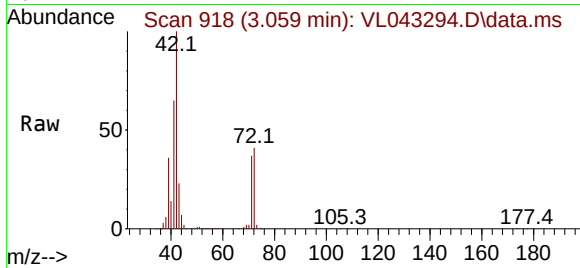




#41
Tetrahydrofuran
Concen: 9.327 ppbv
RT: 3.059 min Scan# 914
Delta R.T. 0.013 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

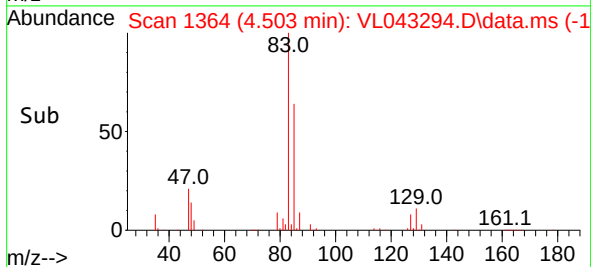
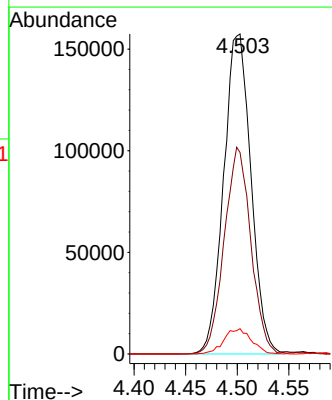
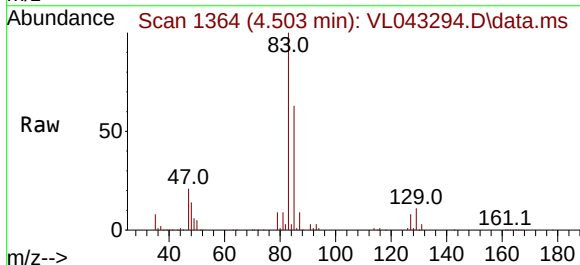
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

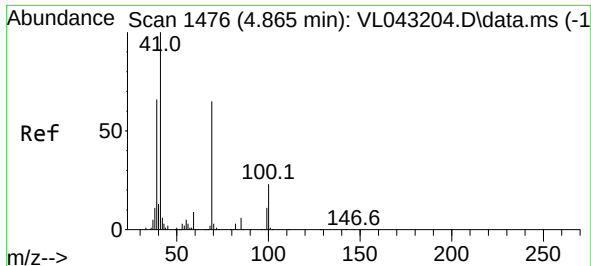
Tgt Ion: 42 Resp: 118086
Ion Ratio Lower Upper
42 100
72 39.6 30.6 46.0
71 38.0 30.5 45.7



#42
Bromodichloromethane
Concen: 11.550 ppbv
RT: 4.503 min Scan# 1364
Delta R.T. 0.026 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 83 Resp: 289858
Ion Ratio Lower Upper
83 100
85 63.0 51.7 77.5
127 7.9 6.3 9.5





#43

Methyl Methacrylate

Concen: 9.475 ppbv

RT: 4.888 min Scan# 1410

Delta R.T. 0.023 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

VL1202ABS01

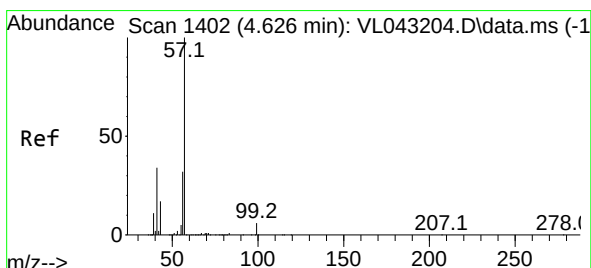
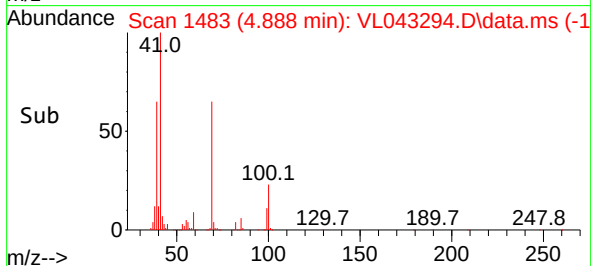
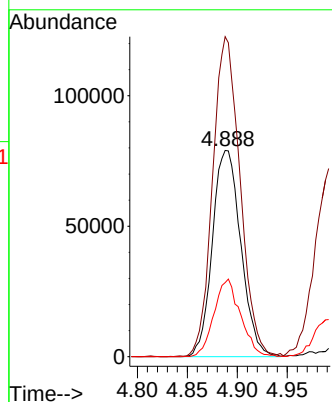
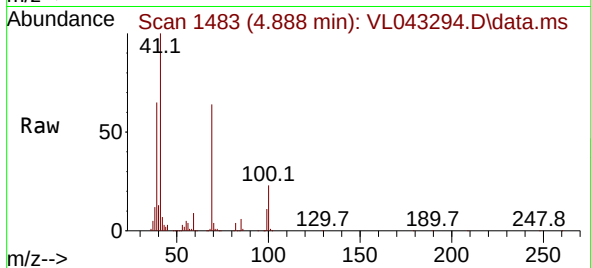
Tgt Ion: 69 Resp: 156420

Ion Ratio Lower Upper

69 100

41 149.7 126.7 190.1

100 35.2 28.6 43.0



#44

2,2,4-Trimethylpentane

Concen: 10.169 ppbv

RT: 4.652 min Scan# 1410

Delta R.T. 0.026 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

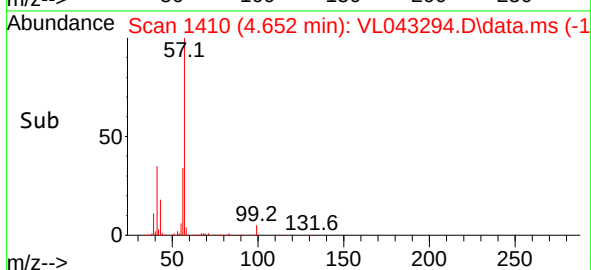
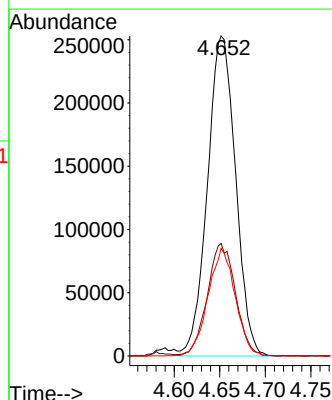
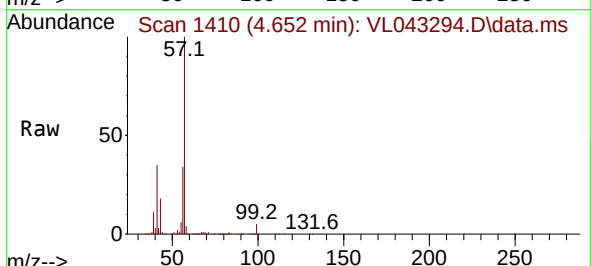
Tgt Ion: 57 Resp: 543210

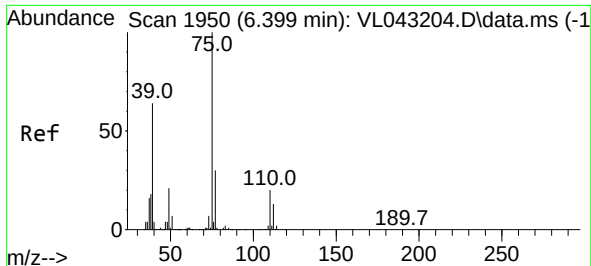
Ion Ratio Lower Upper

57 100

41 35.2 28.0 42.0

56 32.5 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 8.005 ppbv

RT: 6.428 min Scan# 1950

Delta R.T. 0.029 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

Instrument :

MSVOA_1

ClientSampleId :

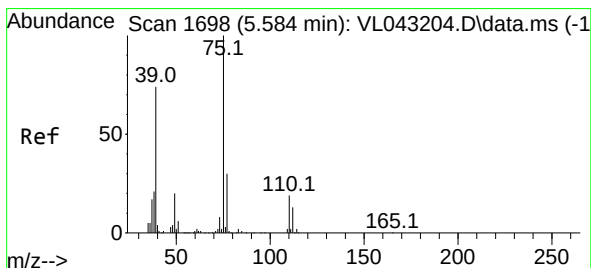
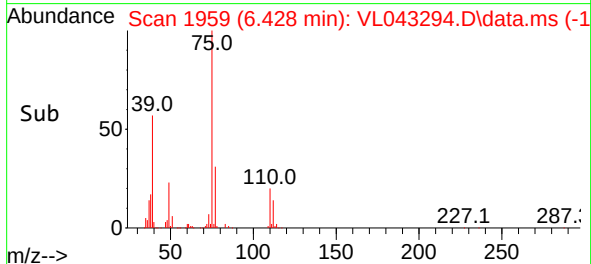
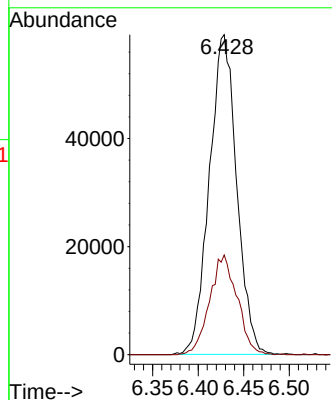
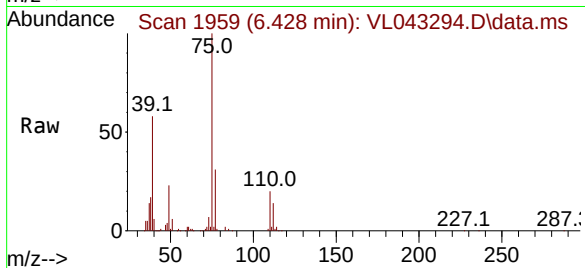
VL1202ABS01

Tgt Ion: 75 Resp: 123199

Ion Ratio Lower Upper

75 100

77 31.1 24.3 36.5



#46

cis-1,3-Dichloropropene

Concen: 8.184 ppbv

RT: 5.616 min Scan# 1708

Delta R.T. 0.032 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

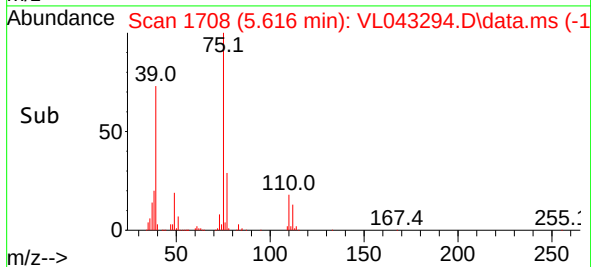
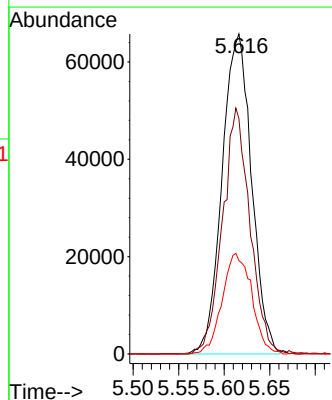
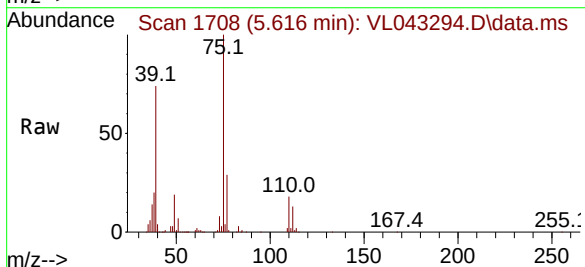
Tgt Ion: 75 Resp: 147890

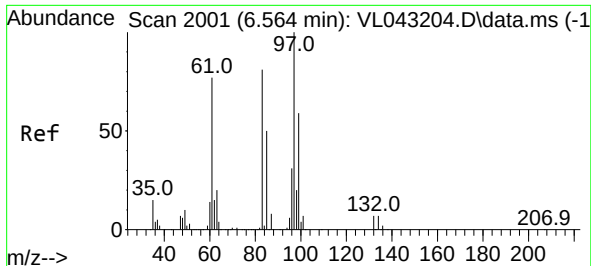
Ion Ratio Lower Upper

75 100

39 73.4 59.1 88.7

77 29.2 24.2 36.2

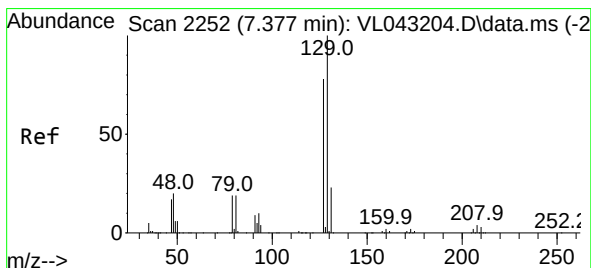
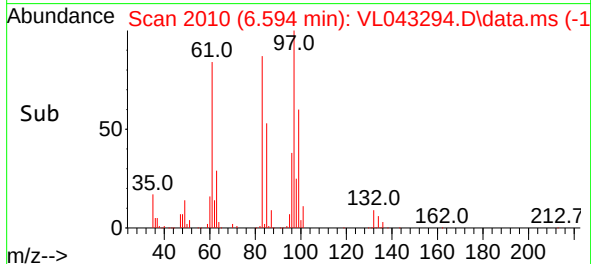
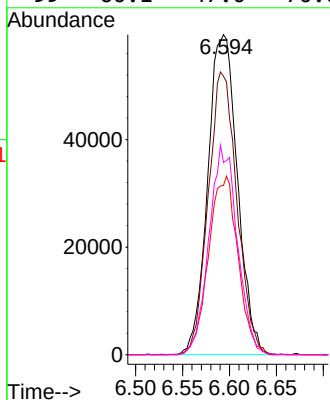
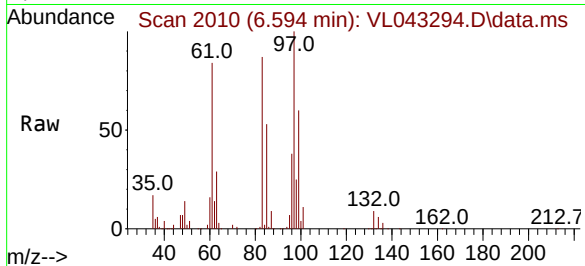




#47
1,1,2-Trichloroethane
Concen: 10.843 ppbv
RT: 6.594 min Scan# 2010
Delta R.T. 0.029 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

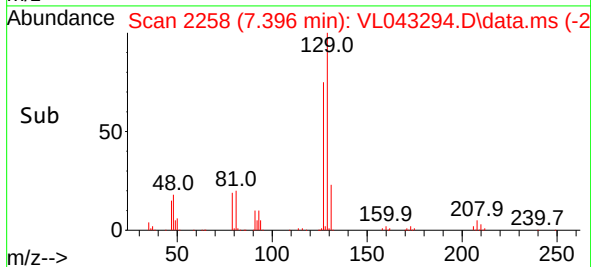
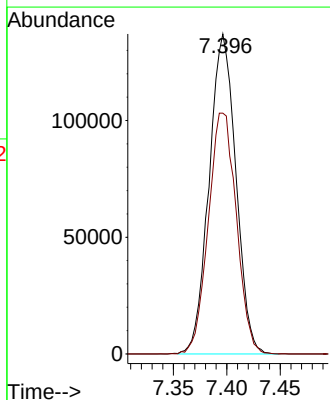
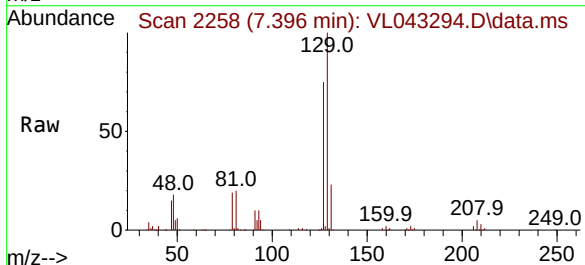
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

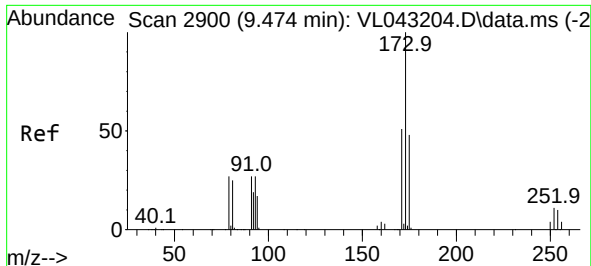
Tgt Ion: 97 Resp: 130991
Ion Ratio Lower Upper
97 100
83 86.9 64.6 97.0
85 52.9 39.4 59.2
99 60.1 47.0 70.6



#48
Dibromochloromethane
Concen: 11.518 ppbv
RT: 7.396 min Scan# 2258
Delta R.T. 0.019 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 129 Resp: 239231
Ion Ratio Lower Upper
129 100
127 78.8 39.3 117.9

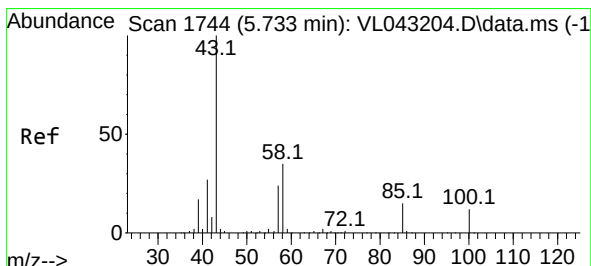
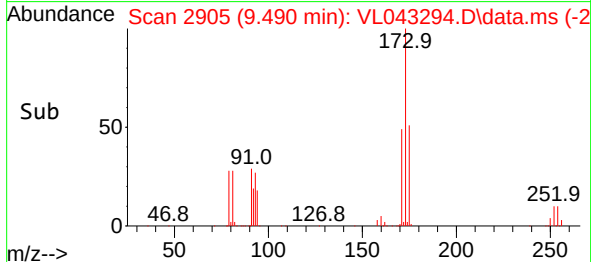
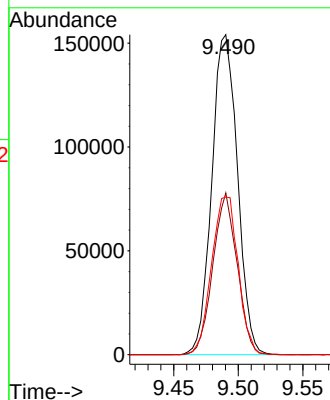
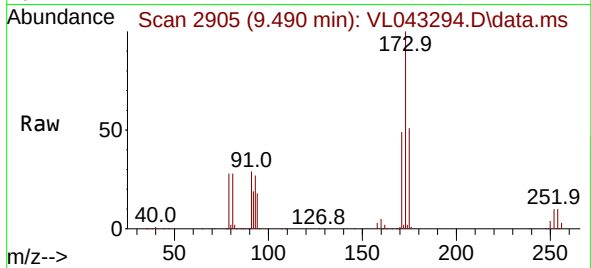




#49
Bromoform
Concen: 11.581 ppbv
RT: 9.490 min Scan# 2900
Delta R.T. 0.016 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

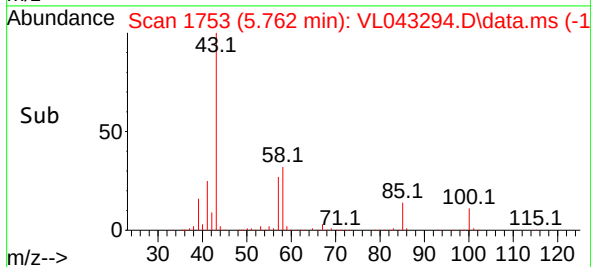
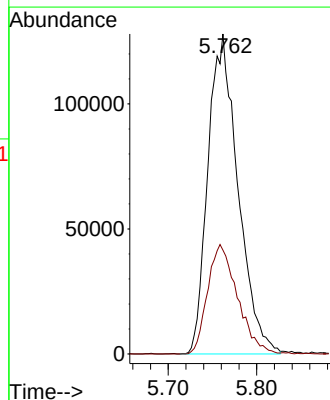
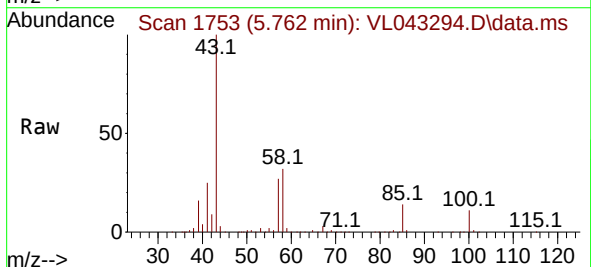
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

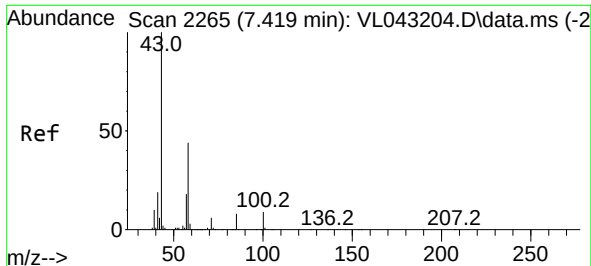
Tgt Ion:173 Resp: 213075
Ion Ratio Lower Upper
173 100
175 47.7 38.6 58.0
171 51.1 40.6 61.0



#50
4-Methyl-2-Pentanone
Concen: 9.338 ppbv
RT: 5.762 min Scan# 1753
Delta R.T. 0.029 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 43 Resp: 301568
Ion Ratio Lower Upper
43 100
58 34.2 28.4 42.6

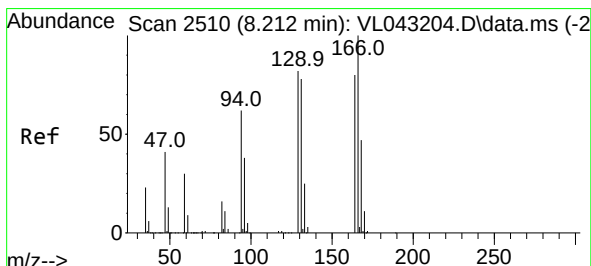
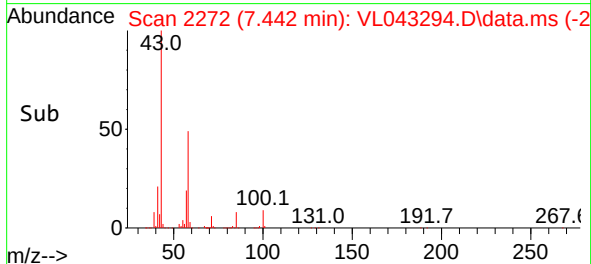
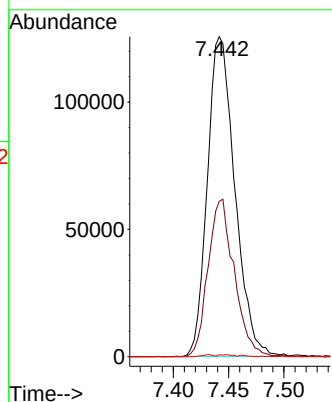
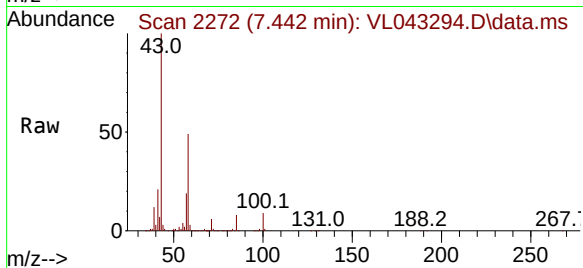




#51
2-Hexanone
Concen: 8.649 ppbv
RT: 7.442 min Scan# 2169
Delta R.T. 0.023 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

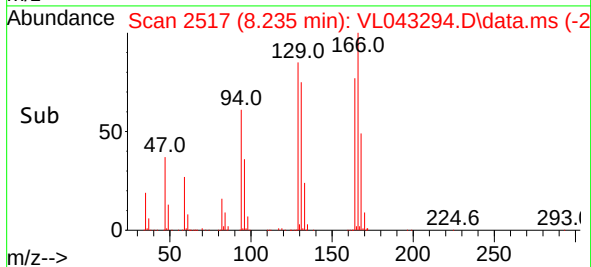
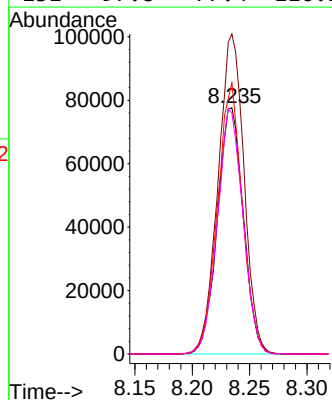
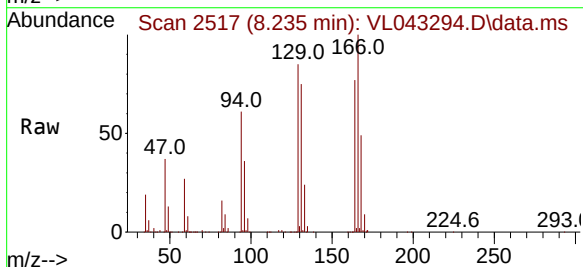
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

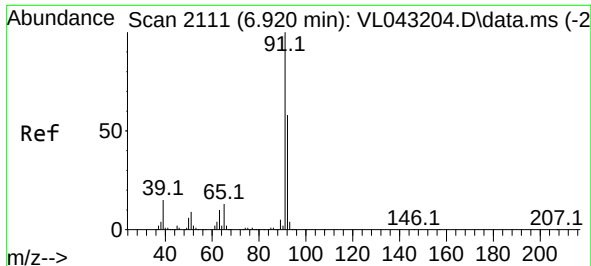
Tgt Ion: 43 Resp: 216900
Ion Ratio Lower Upper
43 100
58 47.2 38.4 57.6
98 0.8 0.0 0.0#



#52
Tetrachloroethene
Concen: 10.568 ppbv
RT: 8.235 min Scan# 2517
Delta R.T. 0.023 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 164 Resp: 122265
Ion Ratio Lower Upper
164 100
166 129.9 99.4 149.2
129 110.0 81.8 122.8
131 97.8 77.4 116.2

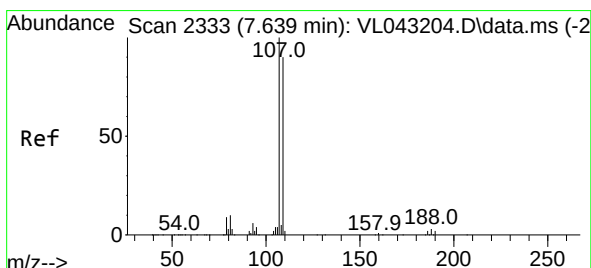
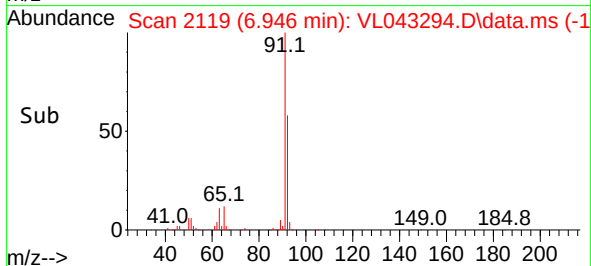
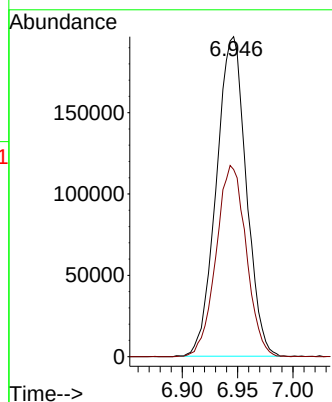
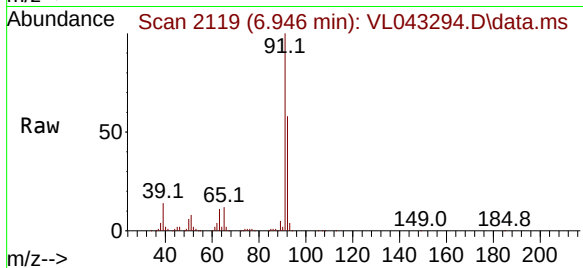




#53
Toluene
Concen: 10.026 ppbv
RT: 6.946 min Scan# 2111
Delta R.T. 0.026 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

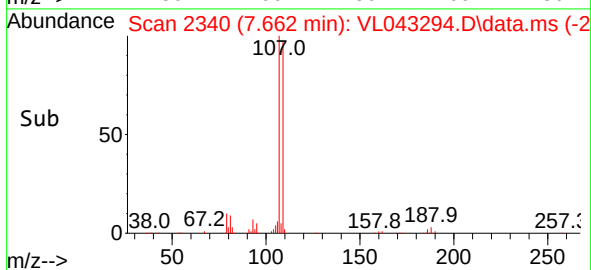
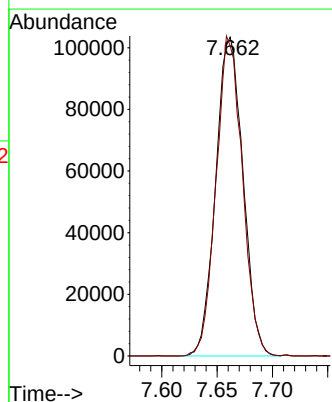
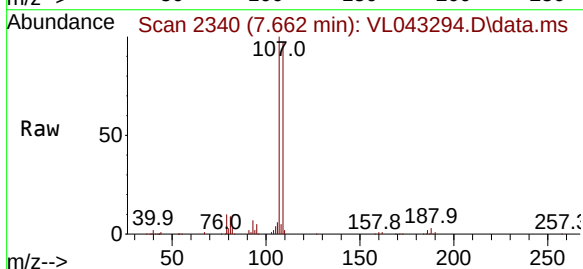
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

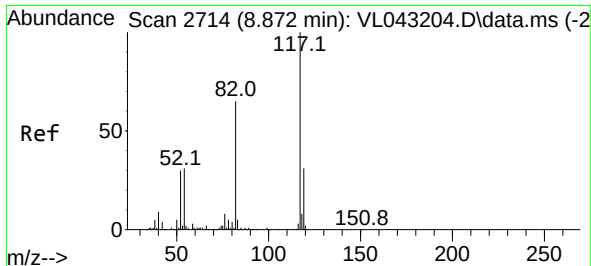
Tgt Ion: 91 Resp: 369257
Ion Ratio Lower Upper
91 100
92 60.3 47.4 71.0



#54
1,2-Dibromoethane
Concen: 9.992 ppbv
RT: 7.662 min Scan# 2340
Delta R.T. 0.023 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 107 Resp: 177639
Ion Ratio Lower Upper
107 100
109 97.4 72.1 108.1

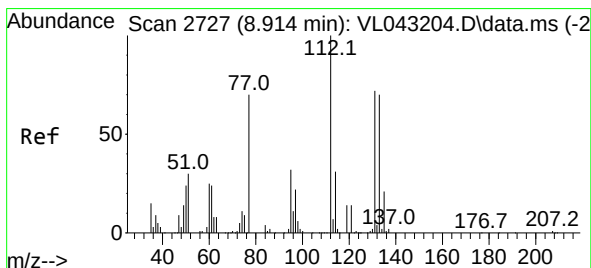
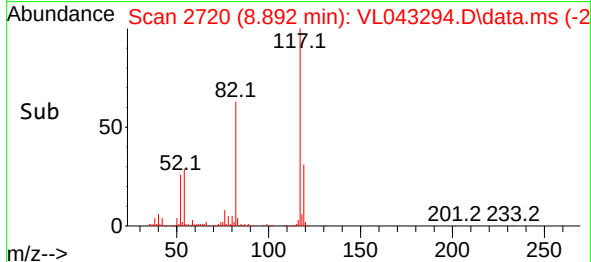
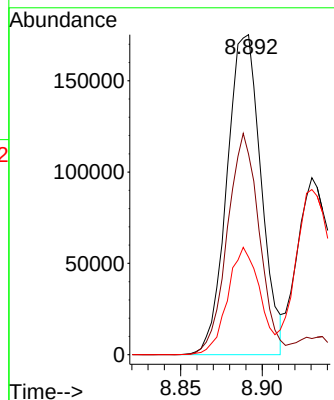
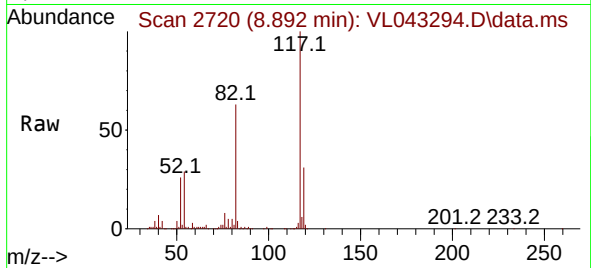




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.892 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

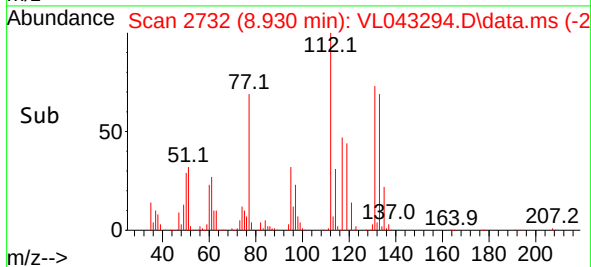
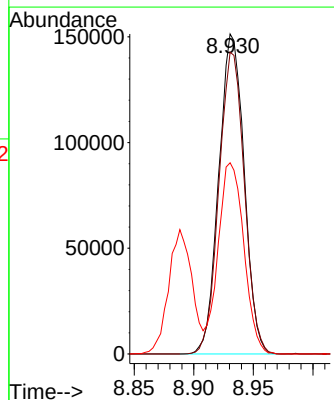
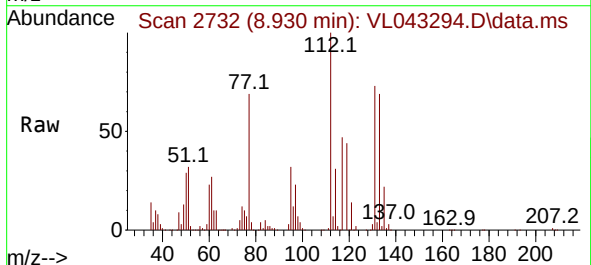
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

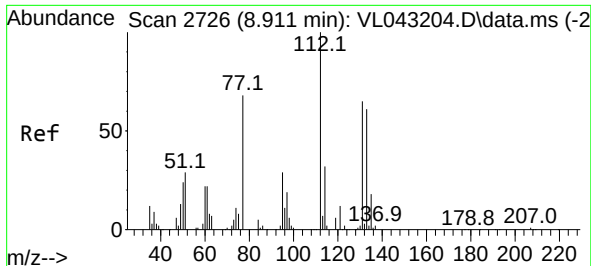
Tgt Ion:117 Resp: 255124
Ion Ratio Lower Upper
117 100
82 70.7 56.1 84.1
119 31.8 25.0 37.6



#56
1,1,1,2-Tetrachloroethane
Concen: 11.919 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.016 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion:131 Resp: 223471
Ion Ratio Lower Upper
131 100
133 94.6 77.4 116.2
119 60.7 49.1 73.7

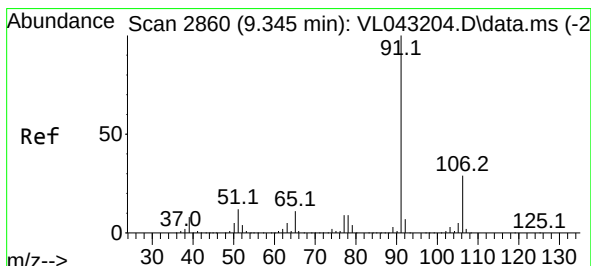
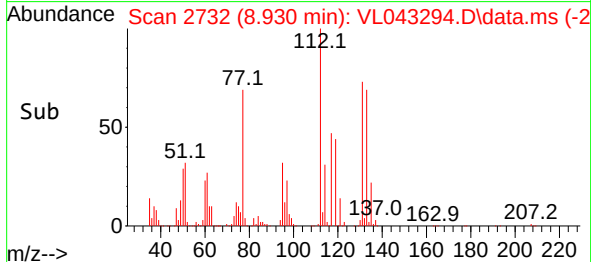
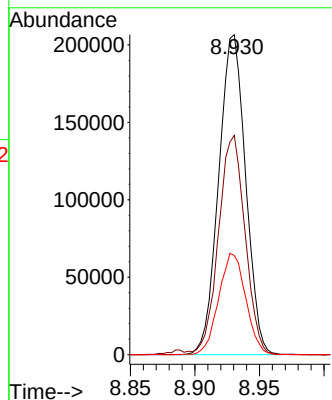
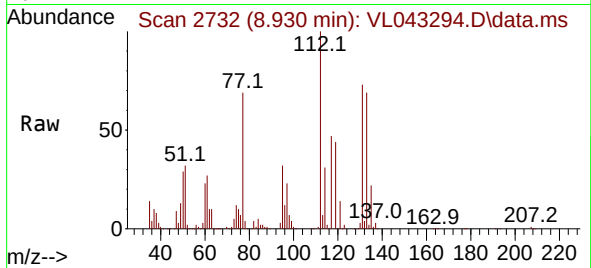




#57
Chlorobenzene
Concen: 11.440 ppbv
RT: 8.930 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

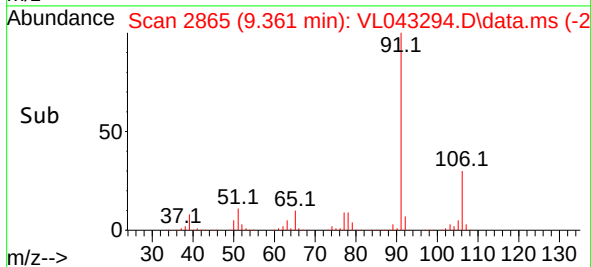
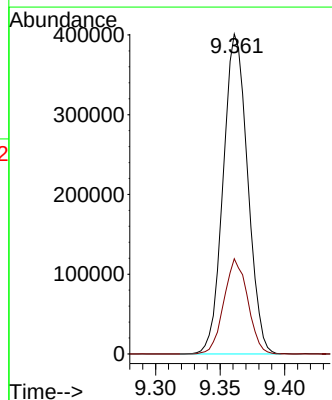
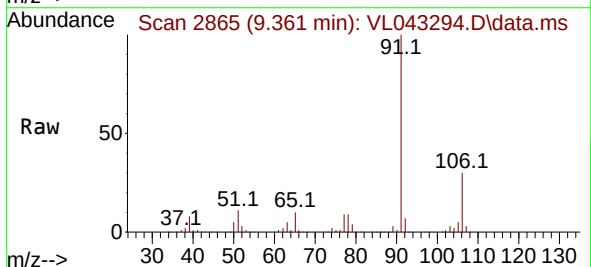
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

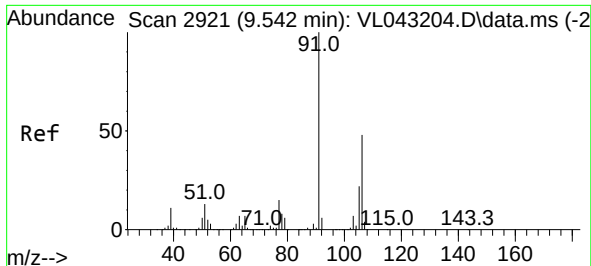
Tgt Ion:112 Resp: 299666
Ion Ratio Lower Upper
112 100
77 68.5 55.5 83.3
114 31.0 29.1 35.5



#58
Ethyl Benzene
Concen: 10.759 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.016 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 91 Resp: 528294
Ion Ratio Lower Upper
91 100
106 29.8 22.8 34.2





#59

m/p-Xylene

Concen: 10.345 ppbv

RT: 9.558 min Scan# 2921

Delta R.T. 0.016 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

Instrument :

MSVOA_1

ClientSampleId :

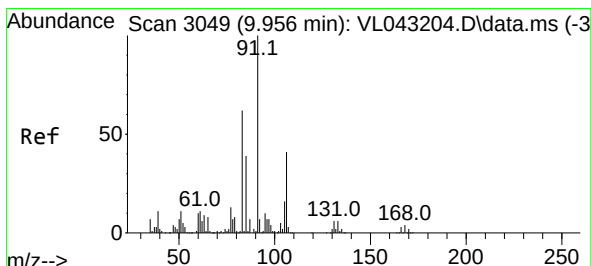
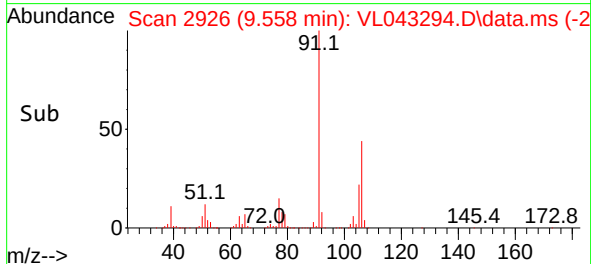
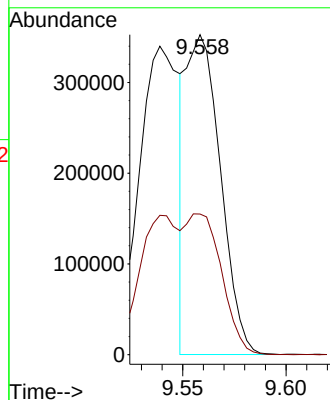
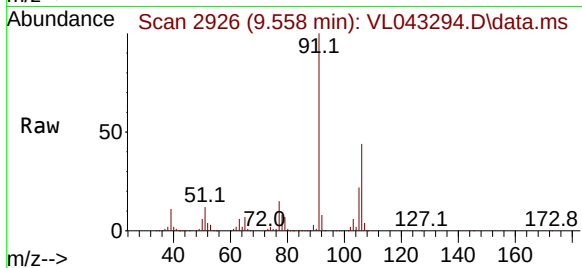
VL1202ABS01

Tgt Ion: 91 Resp: 407281

Ion Ratio Lower Upper

91 100

106 97.4 36.1 54.1#



#60

o-Xylene

Concen: 11.056 ppbv

RT: 9.973 min Scan# 3054

Delta R.T. 0.016 min

Lab File: VL043294.D

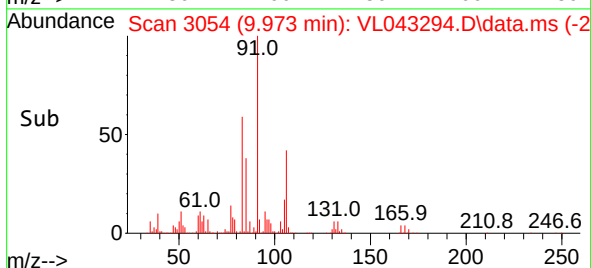
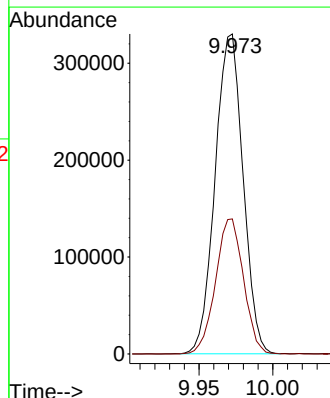
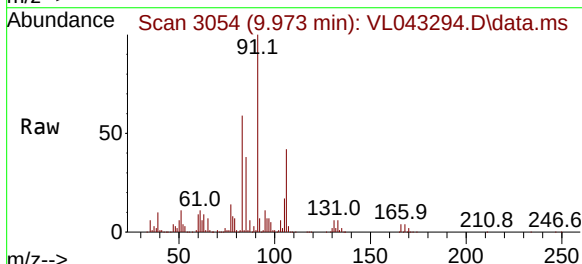
Acq: 02 Dec 2025 11:06

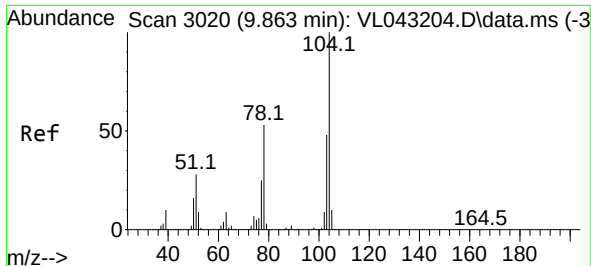
Tgt Ion: 91 Resp: 434822

Ion Ratio Lower Upper

91 100

106 42.2 20.9 62.8

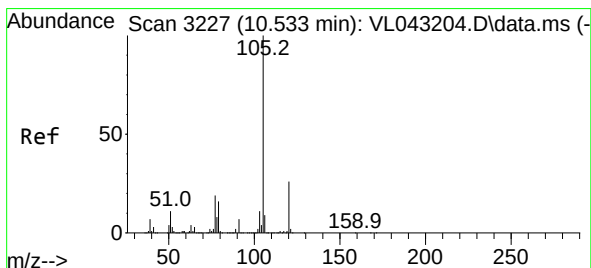
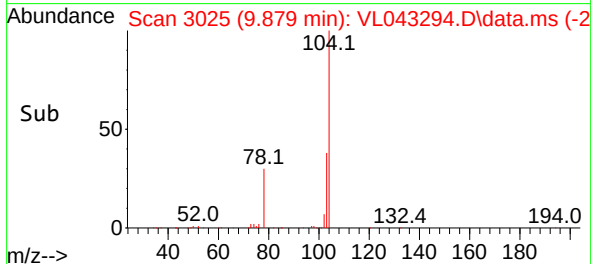
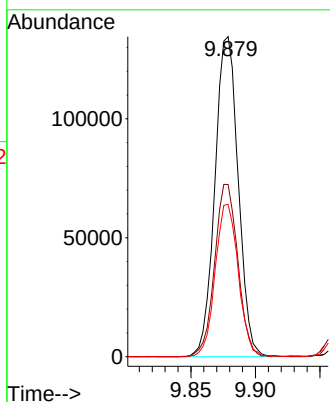
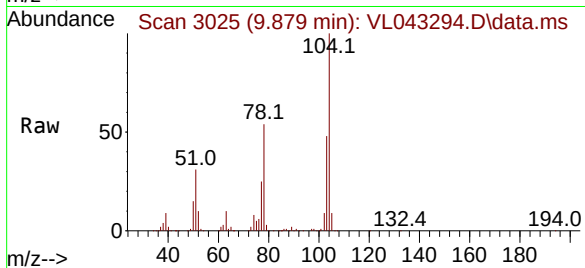




#61
Styrene
Concen: 9.800 ppbv
RT: 9.879 min Scan# 3020
Delta R.T. 0.016 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

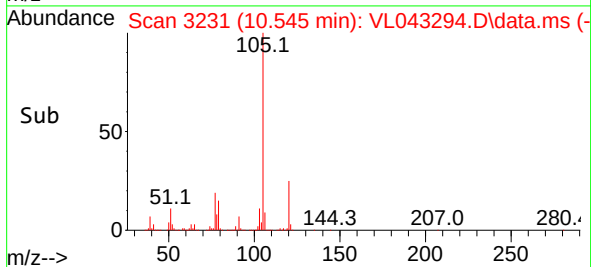
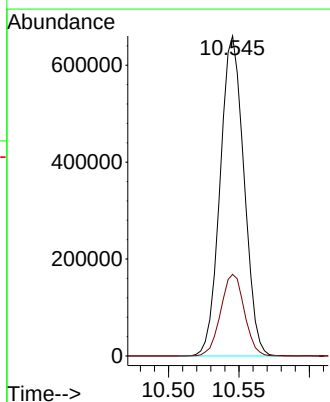
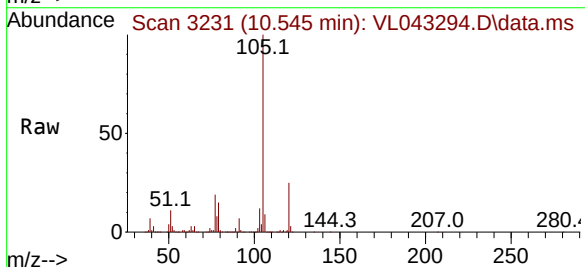
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

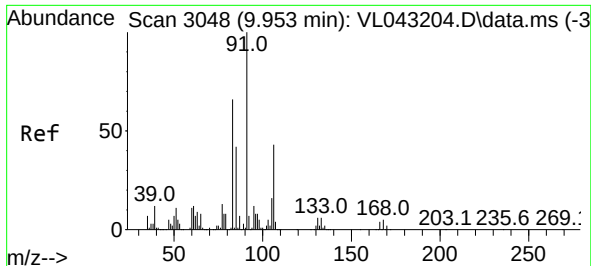
Tgt Ion:104 Resp: 168689
Ion Ratio Lower Upper
104 100
78 53.7 42.1 63.1
103 47.2 37.2 55.8



#62
Isopropylbenzene
Concen: 11.056 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.013 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion:105 Resp: 777896
Ion Ratio Lower Upper
105 100
120 25.3 19.8 29.8

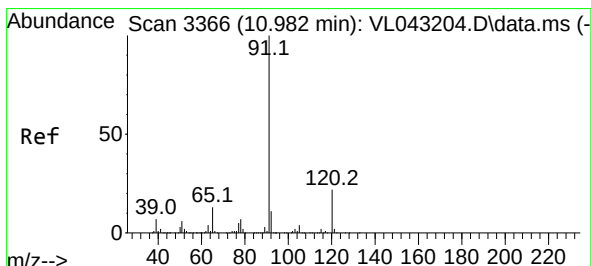
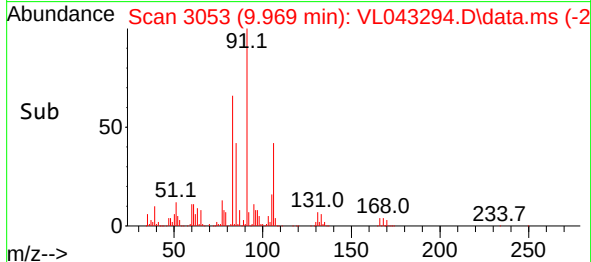
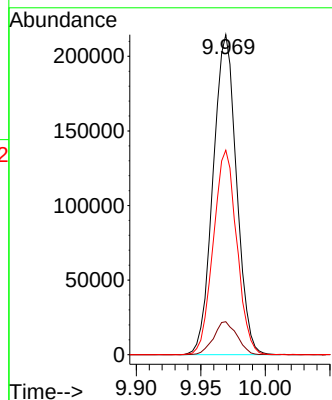
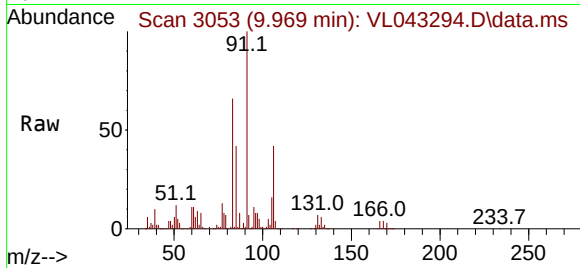




#63
 1,1,2,2-Tetrachloroethane
 Concen: 10.821 ppbv
 RT: 9.969 min Scan# 3048
 Delta R.T. 0.016 min
 Lab File: VL043294.D
 Acq: 02 Dec 2025 11:06

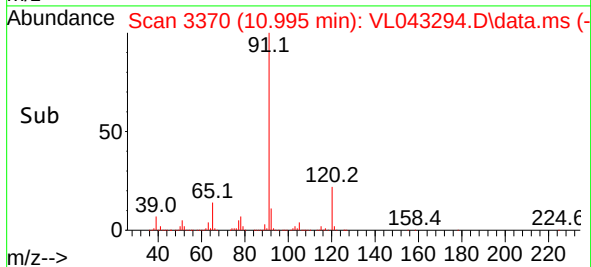
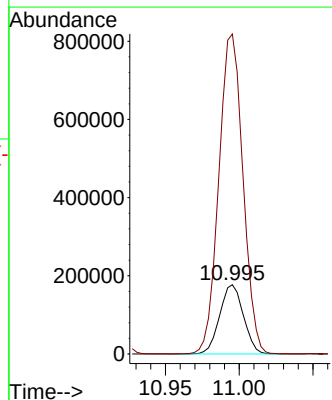
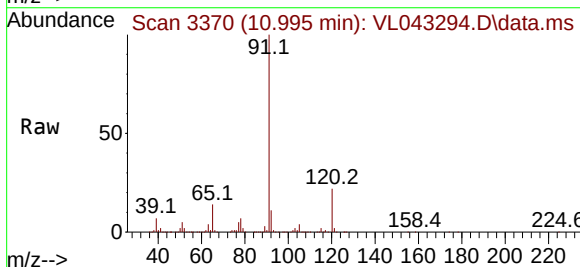
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1202ABS01

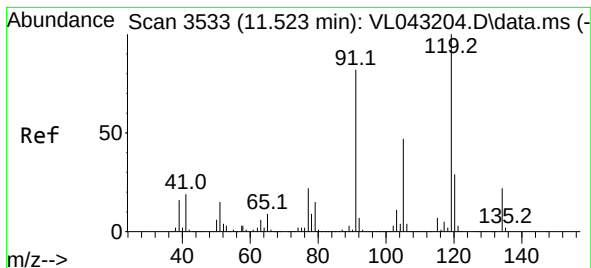
Tgt Ion: 83 Resp: 270794
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.8 14.3
 85 64.0 31.9 95.9



#64
 n-propylbenzene
 Concen: 10.934 ppbv
 RT: 10.995 min Scan# 3370
 Delta R.T. 0.013 min
 Lab File: VL043294.D
 Acq: 02 Dec 2025 11:06

Tgt Ion: 120 Resp: 197680
 Ion Ratio Lower Upper
 120 100
 91 472.4 377.1 565.7

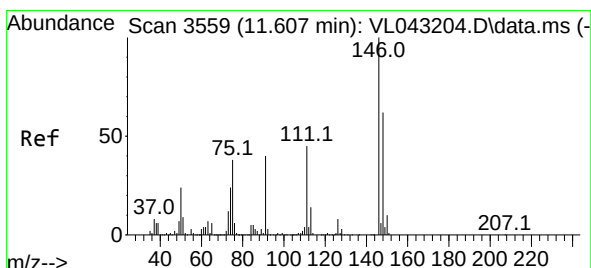
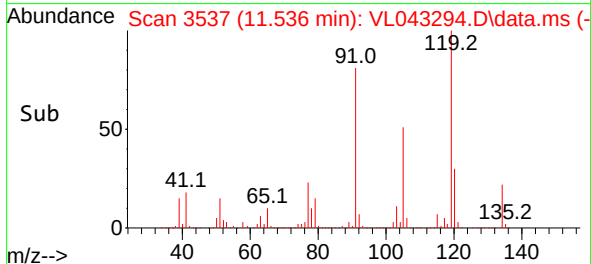
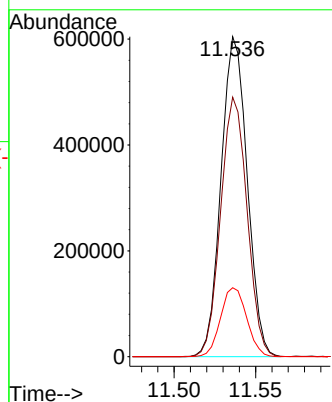
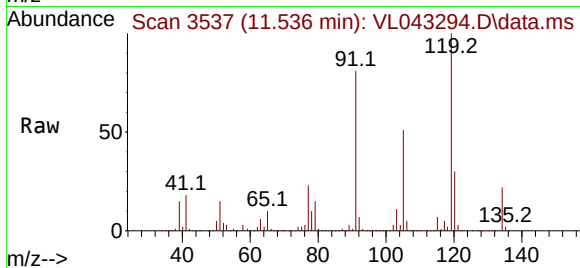




#65
tert-Butylbenzene
Concen: 10.740 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.013 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

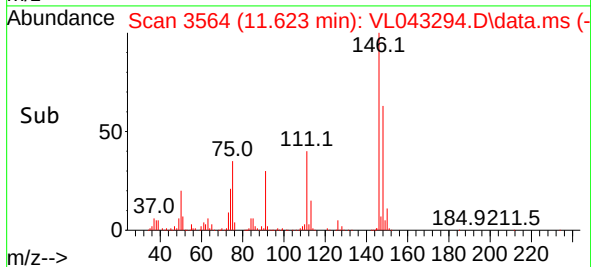
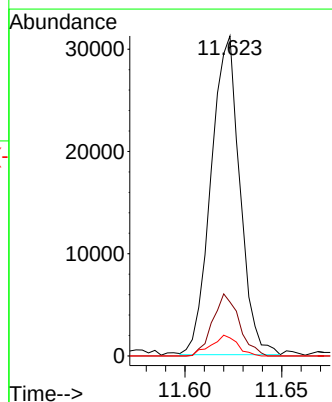
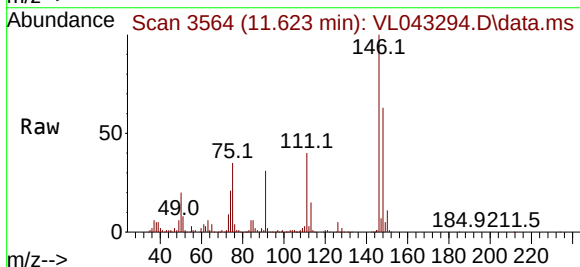
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

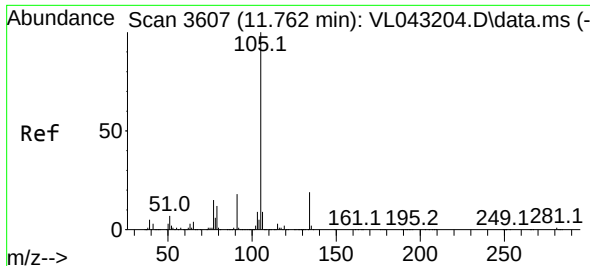
Tgt Ion:119 Resp: 674888
Ion Ratio Lower Upper
119 100
91 81.9 65.3 97.9
134 21.5 17.0 25.4



#66
Benzyl Chloride
Concen: 5.051 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. 0.016 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 91 Resp: 32212
Ion Ratio Lower Upper
91 100
126 18.0 14.4 21.6
128 6.0 4.6 6.8

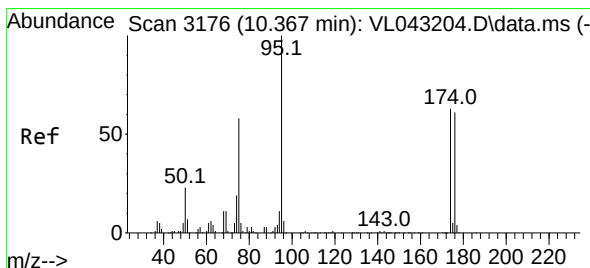
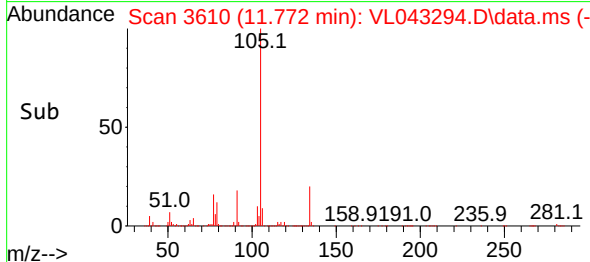
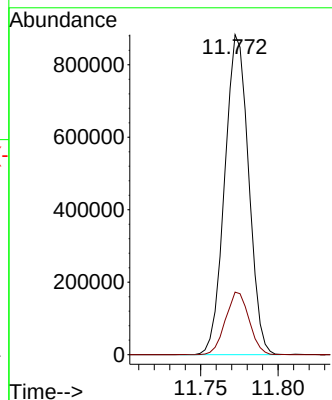
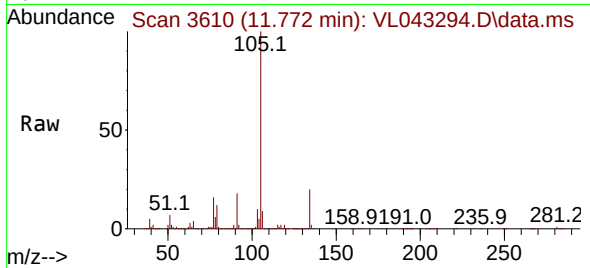




#67
 sec-Butylbenzene
 Concen: 10.799 ppbv
 RT: 11.772 min Scan# 3110
 Delta R.T. 0.010 min
 Lab File: VL043294.D
 Acq: 02 Dec 2025 11:06

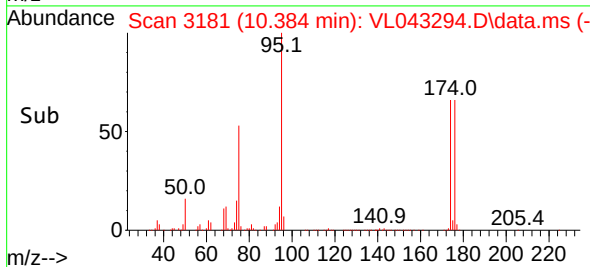
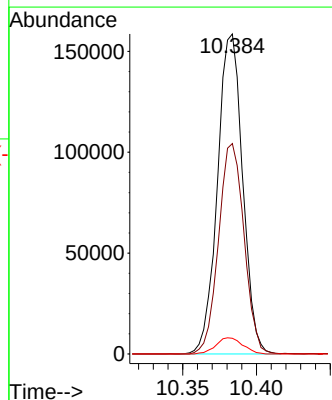
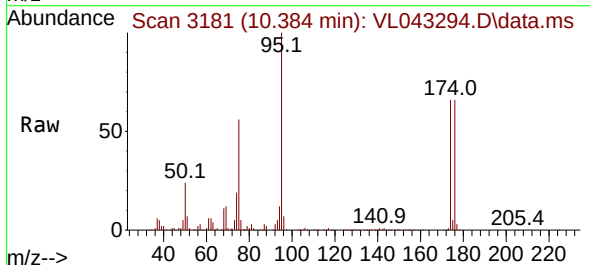
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1202ABS01

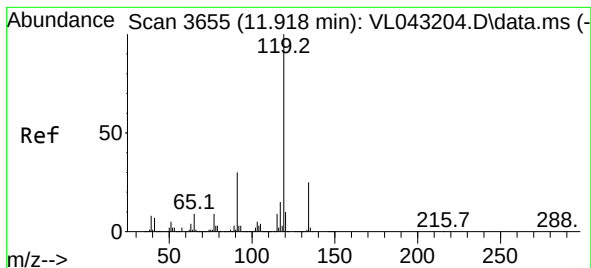
Tgt Ion:105 Resp: 947203
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.077 ppbv
 RT: 10.384 min Scan# 3181
 Delta R.T. 0.016 min
 Lab File: VL043294.D
 Acq: 02 Dec 2025 11:06

Tgt Ion: 95 Resp: 188447
 Ion Ratio Lower Upper
 95 100
 174 66.4 50.2 75.2
 175 5.4 4.1 6.1

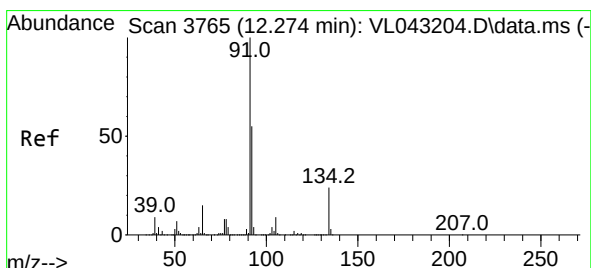
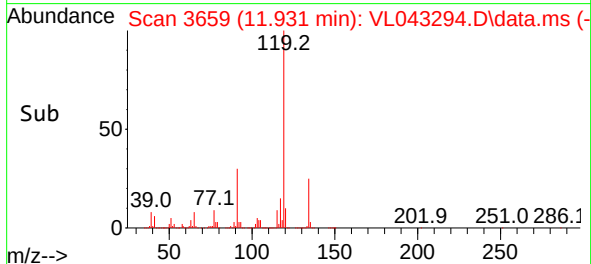
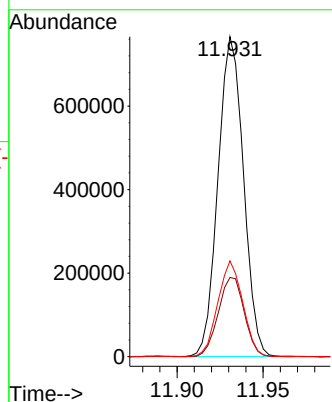
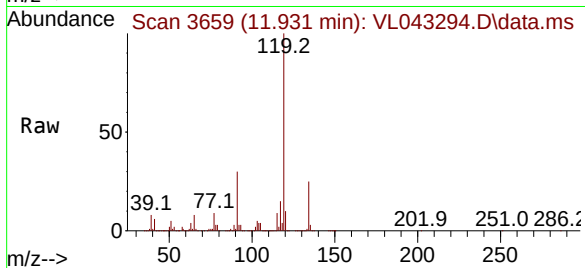




#69
p-Isopropyltoluene
Concen: 10.624 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. 0.013 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

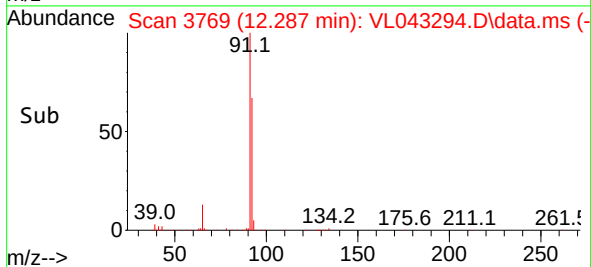
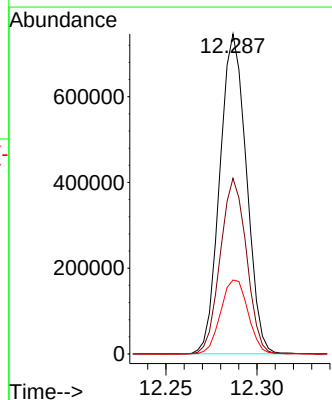
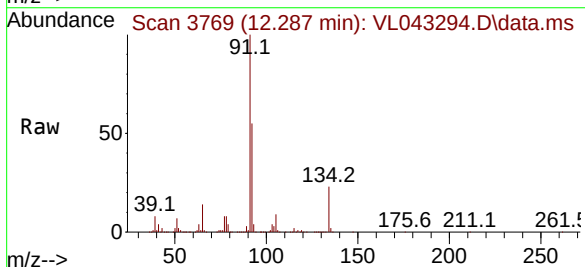
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

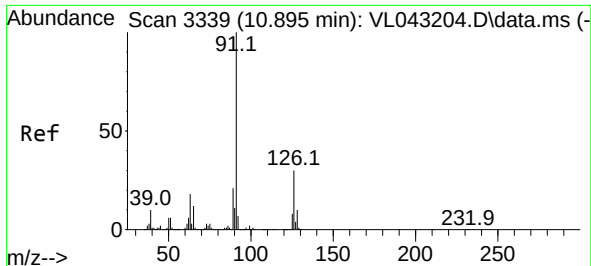
Tgt Ion:119 Resp: 789416
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.2
91 29.5 23.8 35.8



#70
n-Butylbenzene
Concen: 10.499 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.013 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion: 91 Resp: 756793
Ion Ratio Lower Upper
91 100
92 54.2 43.5 65.3
134 23.9 19.0 28.6

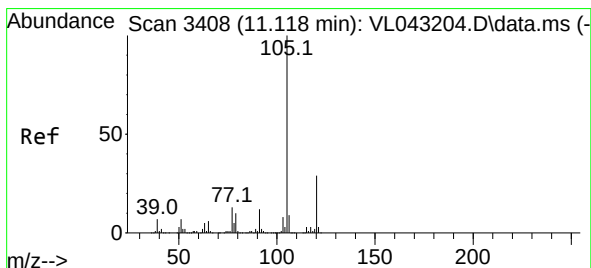
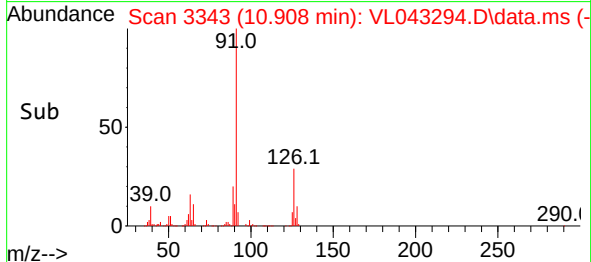
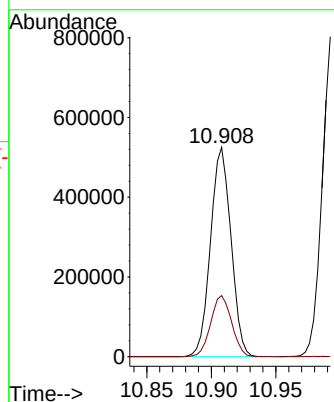
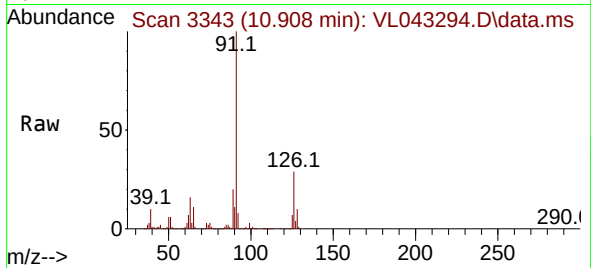




#71
2-Chlorotoluene
Concen: 10.698 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

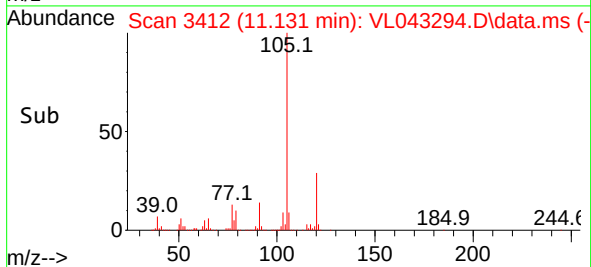
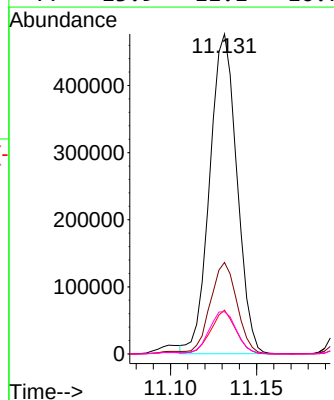
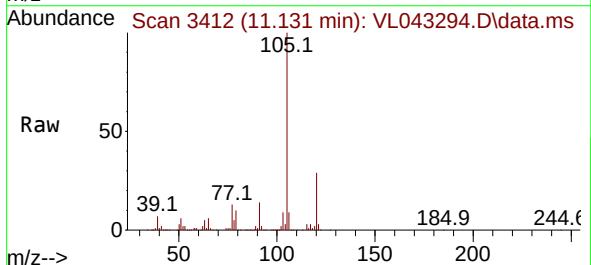
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABS01

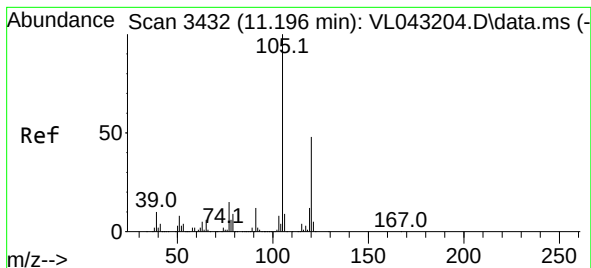
Tgt Ion: 91 Resp: 578579
Ion Ratio Lower Upper
91 100
126 29.8 11.7 46.7



#72
4-Ethyltoluene
Concen: 10.917 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.013 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion:105 Resp: 522854
Ion Ratio Lower Upper
105 100
120 28.9 23.8 35.8
91 13.4 10.3 15.5
77 13.9 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.873 ppbv

RT: 11.209 min Scan# 3432

Delta R.T. 0.013 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

Instrument :

MSVOA_1

ClientSampleId :

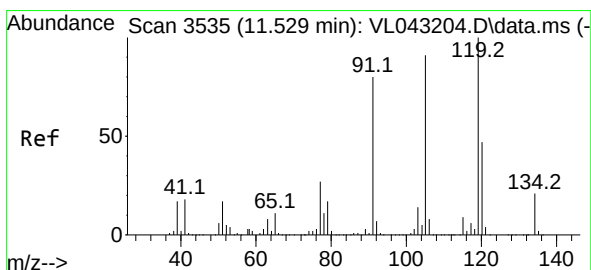
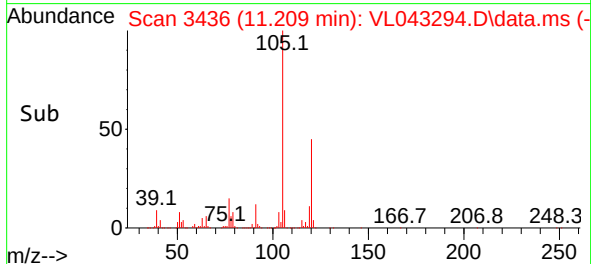
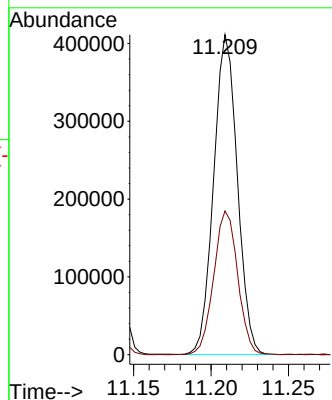
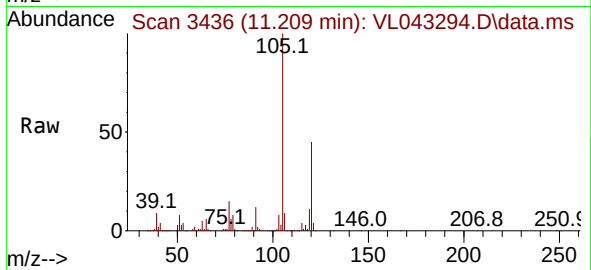
VL1202ABS01

Tgt Ion:105 Resp: 437005

Ion Ratio Lower Upper

105 100

120 44.9 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 11.047 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.013 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

Tgt Ion:105 Resp: 484574

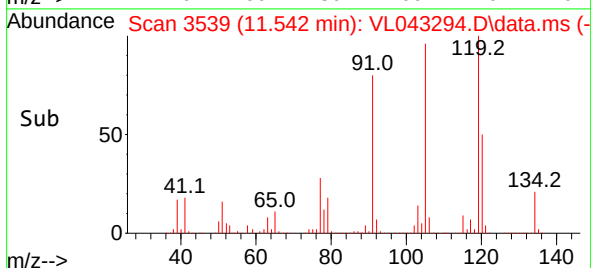
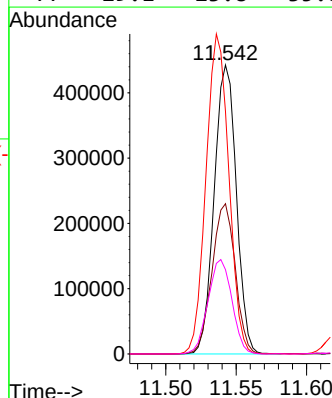
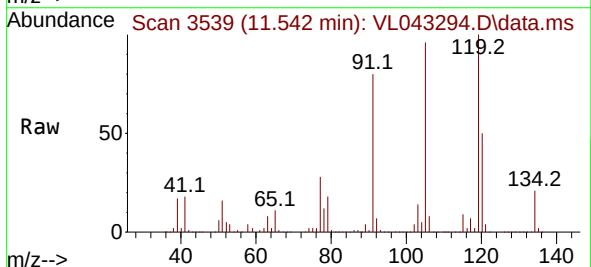
Ion Ratio Lower Upper

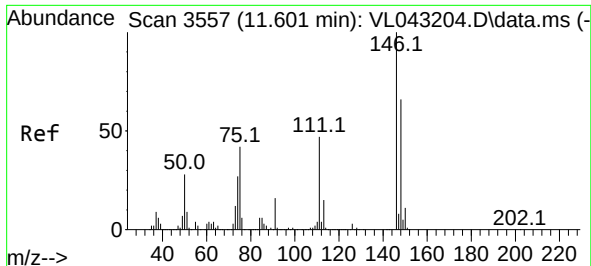
105 100

120 52.0 41.7 62.5

91 83.9 70.0 105.0

77 29.1 23.8 35.8

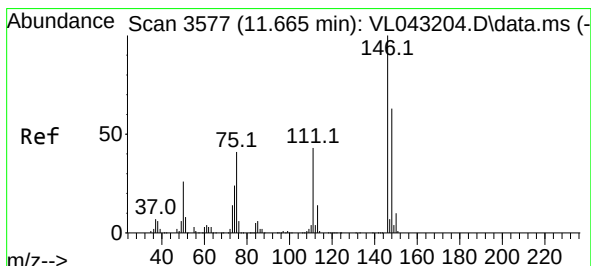
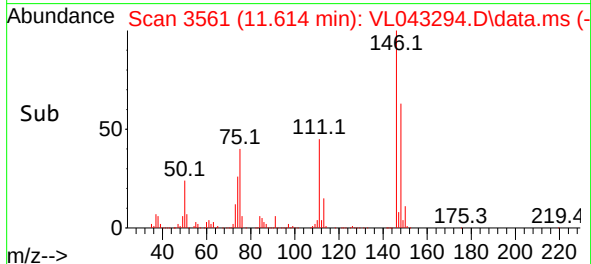
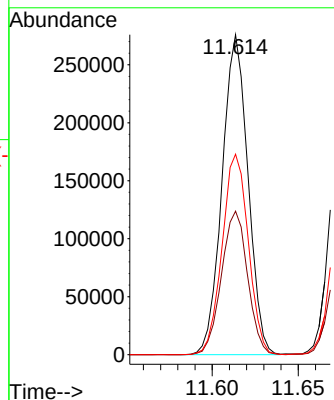
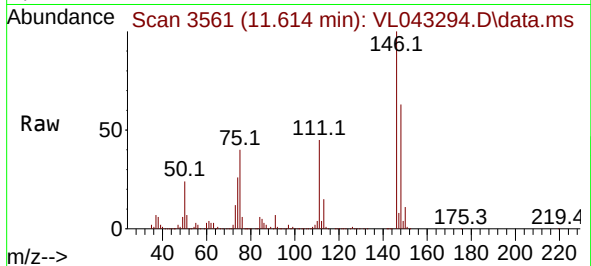




#75
1,3-Dichlorobenzene
Concen: 11.257 ppbv
RT: 11.614 min Scan# 3561
Delta R.T. 0.013 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

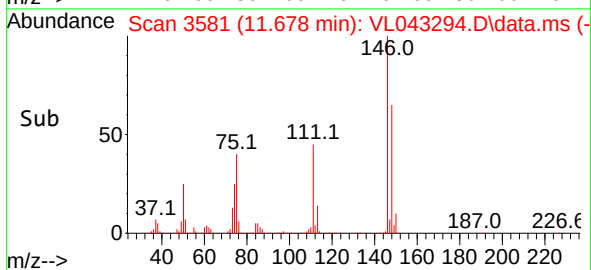
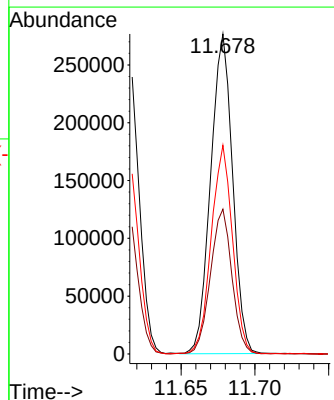
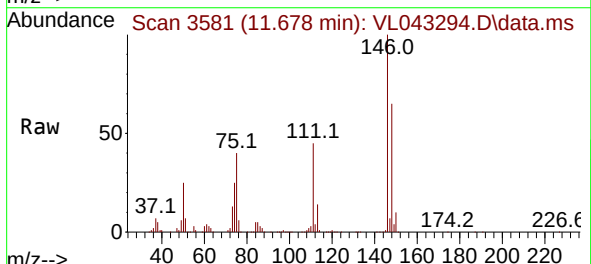
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

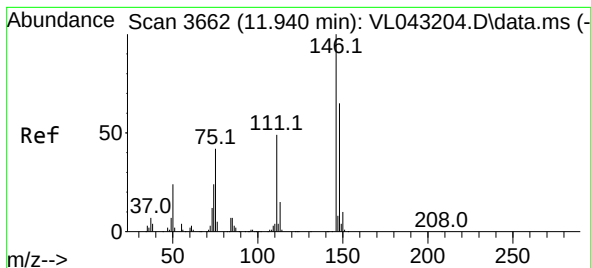
Tgt Ion:146 Resp: 288141
Ion Ratio Lower Upper
146 100
111 45.4 23.4 70.3
148 63.5 31.6 95.0



#76
1,4-Dichlorobenzene
Concen: 11.160 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.013 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion:146 Resp: 285722
Ion Ratio Lower Upper
146 100
111 44.6 22.8 68.3
148 63.1 31.8 95.4





#77

1,2-Dichlorobenzene

Concen: 11.167 ppbv

RT: 11.953 min Scan# 3666

Delta R.T. 0.013 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

Instrument :

MSVOA_1

ClientSampleId :

VL1202ABS01

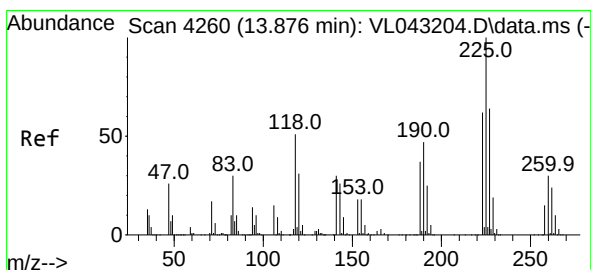
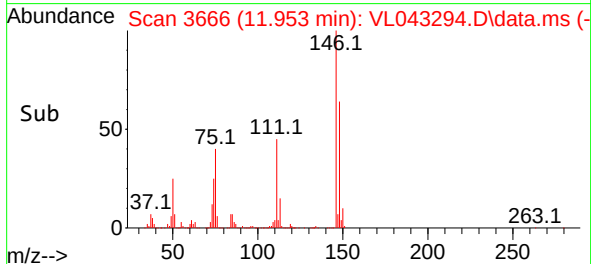
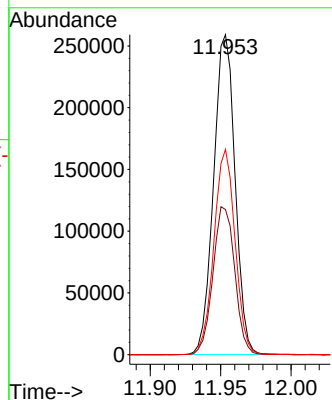
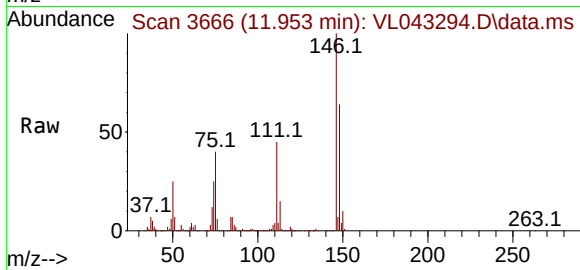
Tgt Ion:146 Resp: 274815

Ion Ratio Lower Upper

146 100

111 47.2 24.3 73.0

148 63.5 31.6 94.7



#78

Hexachloro-1,3-Butadiene

Concen: 10.296 ppbv

RT: 13.886 min Scan# 4263

Delta R.T. 0.010 min

Lab File: VL043294.D

Acq: 02 Dec 2025 11:06

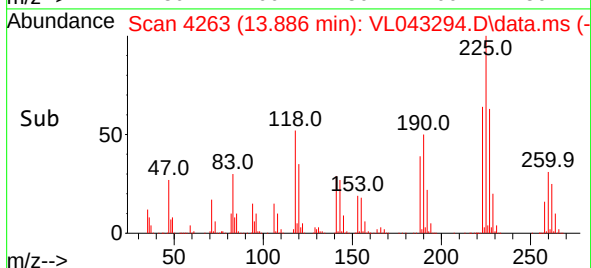
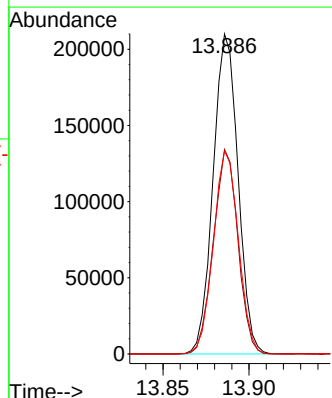
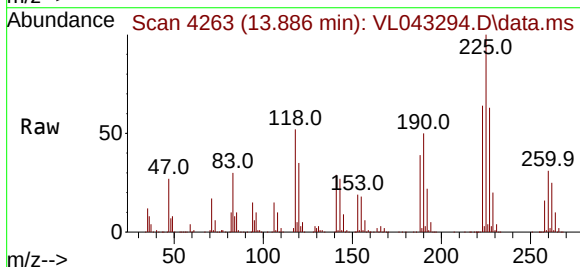
Tgt Ion:225 Resp: 211454

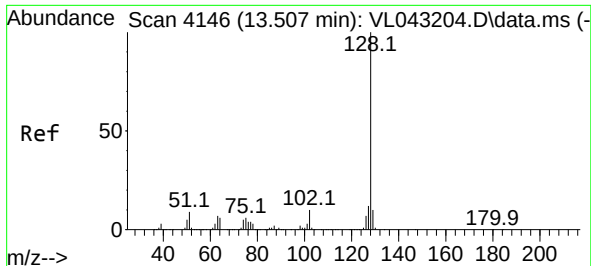
Ion Ratio Lower Upper

225 100

223 62.9 50.2 75.4

227 63.6 51.1 76.7

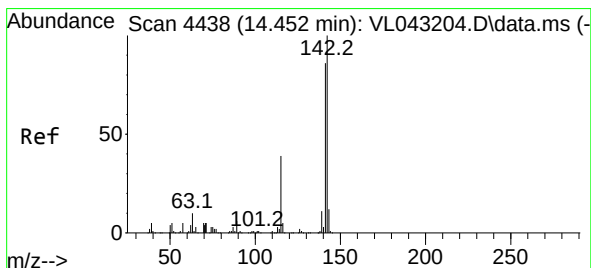
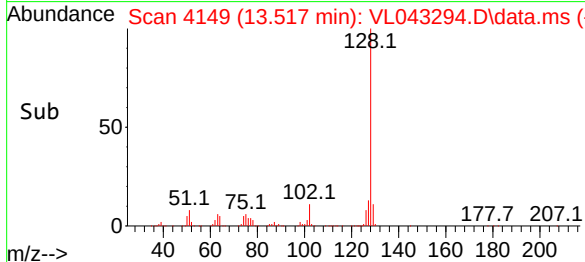
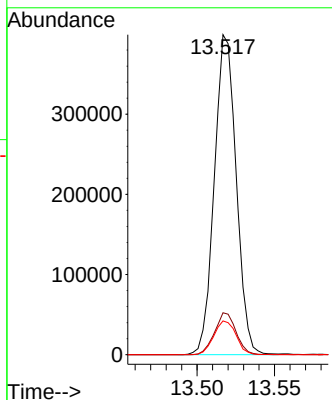
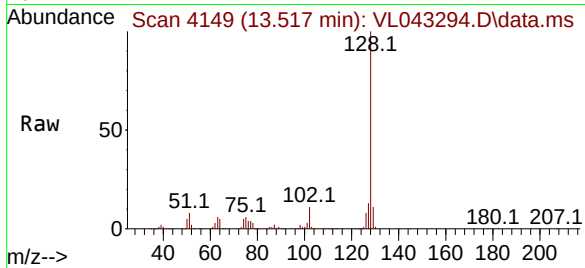




#79
Naphthalene
Concen: 10.068 ppbv
RT: 13.517 min Scan# 4146
Delta R.T. 0.010 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

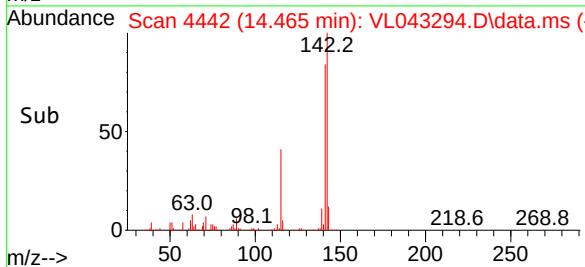
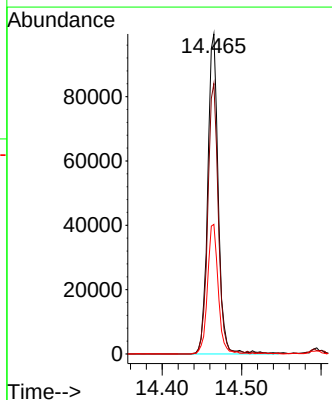
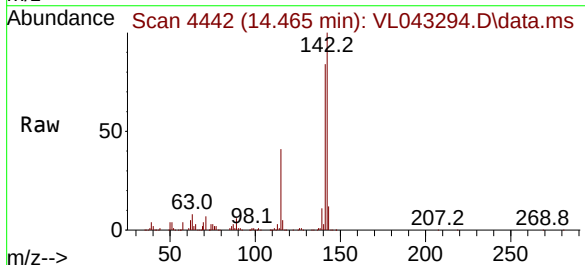
Instrument :
MSVOA_1
ClientSampleId :
VL1202ABS01

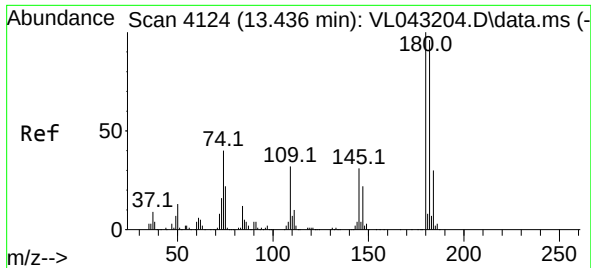
Tgt Ion:128 Resp: 392220
Ion Ratio Lower Upper
128 100
127 13.1 9.9 14.9
129 10.6 8.4 12.6



#80
Naphthalene,2-methyl-
Concen: 8.981 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.013 min
Lab File: VL043294.D
Acq: 02 Dec 2025 11:06

Tgt Ion:142 Resp: 91837
Ion Ratio Lower Upper
142 100
141 85.9 67.1 100.7
115 41.6 31.9 47.9





#81
 1,2,4-Trichlorobenzene
 Concen: 11.094 ppbv
 RT: 13.446 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL043294.D
 Acq: 02 Dec 2025 11:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1202ABS01

Tgt Ion:180 Resp: 193291
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.4 116.2
 184 31.4 24.2 36.4

