

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100225\
 Data File : VL043039.D
 Acq On : 02 Oct 2025 14:14
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL100225

Quant Time: Oct 03 08:24:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 08:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.777	49	178544	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.939	114	537412	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.866	117	454012	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	333843	10.207	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	287085	9.540	ppbv	100
3) Chlorodifluoromethane	1.473	51	275618	9.468	ppbv	99
4) Chloromethane	1.528	50	104427	9.501	ppbv	98
5) Vinyl Chloride	1.577	62	98850	9.476	ppbv	97
6) Bromomethane	1.664	94	46326	9.883	ppbv	97
7) Chloroethane	1.700	64	40636	9.336	ppbv	98
8) Dichlorotetrafluoroethane	1.551	85	235901	9.567	ppbv	99
9) Propene	1.480	41	115956	9.879	ppbv	99
10) Heptane	4.956	43	311038	10.779	ppbv	100
11) Trichlorofluoromethane	1.871	101	291376	9.422	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.133	101	228314	9.374	ppbv	97
13) Ethanol	1.716	45	4643	9.646	ppbv	98
14) Bromoethene	1.777	108	85349	9.774	ppbv	99
15) Acetone	1.829	43	204381	8.176	ppbv	100
16) 1,3-Butadiene	1.606	39	95179	9.234	ppbv	99
17) tert-Butyl alcohol	2.033	59	249385	9.431	ppbv	99
18) 1,1-Dichloroethene	2.026	96	101929	9.547	ppbv	95
19) Isopropyl Alcohol	1.878	45	109403	9.134	ppbv	99
20) Methylene Chloride	2.056	84	89214	8.176	ppbv	97
21) Allyl Chloride	2.088	41	151234	9.443	ppbv	99
22) trans-1,2-Dichloroethene	2.331	96	115000	9.487	ppbv	97
23) Vinyl Acetate	2.454	43	45886	8.646	ppbv	97
24) 1,1-Dichloroethane	2.399	63	217319	9.458	ppbv	98
25) Ethyl Acetate	2.823	43	628433	10.021	ppbv	100
26) Hexane	2.816	57	253815	10.521	ppbv	98
27) Carbon Disulfide	2.143	76	273348	9.598	ppbv	99
28) Methyl tert-Butyl Ether	2.431	73	147450	9.767	ppbv	99
29) Chloroform	2.836	83	388247	9.439	ppbv	100
30) Cyclohexane	3.839	84	216007	10.896	ppbv	98
31) cis-1,2-Dichloroethene	2.709	61	249555	10.063	ppbv	97
32) 1,1,1-Trichloroethane	3.354	97	387043	9.682	ppbv	100
34) 2-Butanone	2.544	43	346463	9.501	ppbv	100
35) Carbon Tetrachloride	3.745	117	399311	9.031	ppbv	96
36) Benzene	3.642	78	514339	10.017	ppbv	98
37) 1,2-Dichloroethane	3.205	62	289339	9.515	ppbv	100
38) Trichloroethene	4.528	130	213727	9.992	ppbv	98
39) 1,2-Dichloropropane	4.292	63	183886	9.662	ppbv	97
40) 1,4-Dioxane	4.558	88	80249	9.831	ppbv #	98
41) Tetrahydrofuran	3.040	42	201471	10.690	ppbv	100
42) Bromodichloromethane	4.467	83	413457	9.629	ppbv	98
43) Methyl Methacrylate	4.855	69	189993	11.147	ppbv	99
44) 2,2,4-Trimethylpentane	4.619	57	847766	10.290	ppbv	99
45) t-1,3-Dichloropropene	6.389	75	164370	10.538	ppbv	97

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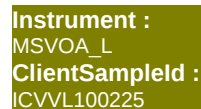
Quant Time: Oct 03 08:24:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 08:22:04 2025
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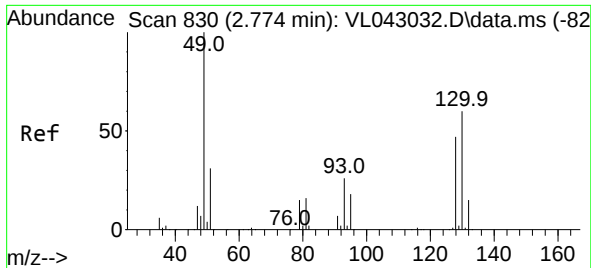
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.574	75	232895	10.597	ppbv	98
47) 1,1,2-Trichloroethane	6.558	97	196496	9.282	ppbv	97
48) Dibromochloromethane	7.367	129	336813	9.749	ppbv	99
49) Bromoform	9.468	173	275751	9.557	ppbv	100
50) 4-Methyl-2-Pentanone	5.720	43	484498	10.896	ppbv	100
51) 2-Hexanone	7.412	43	355624	11.236	ppbv	99
52) Tetrachloroethene	8.208	164	182062	9.576	ppbv	99
53) Toluene	6.911	91	572257	11.040	ppbv	100
54) 1,2-Dibromoethane	7.632	107	247276	9.855	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.908	131	259863	9.390	ppbv	99
57) Chlorobenzene	8.904	112	447850	9.331	ppbv	100
58) Ethyl Benzene	9.338	91	775232	11.022	ppbv	98
59) m/p-Xylene	9.535	91	618401	10.424	ppbv #	26
60) o-Xylene	9.950	91	628486	10.635	ppbv	99
61) Styrene	9.856	104	284955	11.510	ppbv	100
62) Isopropylbenzene	10.526	105	939236	10.353	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.950	83	360837	8.511	ppbv	99
64) n-propylbenzene	10.976	120	240769	10.375	ppbv	98
65) tert-Butylbenzene	11.520	119	814322	10.086	ppbv	100
66) Benzyl Chloride	11.604	91	26124	8.466	ppbv	99
67) sec-Butylbenzene	11.756	105	1122743	9.965	ppbv	99
69) p-Isopropyltoluene	11.914	119	937600	10.230	ppbv	100
70) n-Butylbenzene	12.270	91	913299	10.349	ppbv	100
71) 2-Chlorotoluene	10.888	91	673074	10.251	ppbv	100
72) 4-Ethyltoluene	11.112	105	744145	10.579	ppbv	100
73) 1,3,5-Trimethylbenzene	11.193	105	621377	10.212	ppbv	100
74) 1,2,4-Trimethylbenzene	11.526	105	684740	9.971	ppbv	93
75) 1,3-Dichlorobenzene	11.594	146	409217	9.161	ppbv	98
76) 1,4-Dichlorobenzene	11.659	146	398965	9.368	ppbv	100
77) 1,2-Dichlorobenzene	11.934	146	384233	8.636	ppbv	99
78) Hexachloro-1,3-Butadiene	13.869	225	289545	9.340	ppbv	99
79) Naphthalene	13.500	128	552627	9.523	ppbv	99
80) Naphthalene,2-methyl-	14.445	142	223063	8.323	ppbv	98
81) 1,2,4-Trichlorobenzene	13.429	180	317372	11.990	ppbv	100

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

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MSVOA_L
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.777 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL043039.D

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Instrument :

MSVOA_L

ClientSampleId :

ICVVL100225

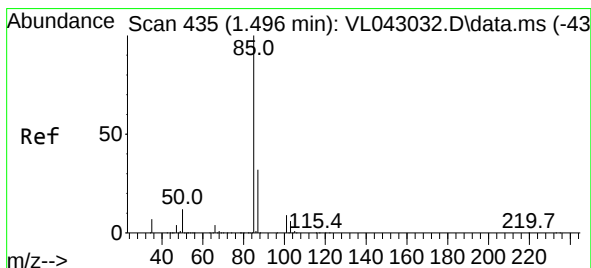
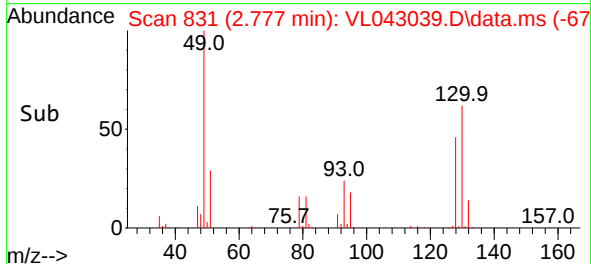
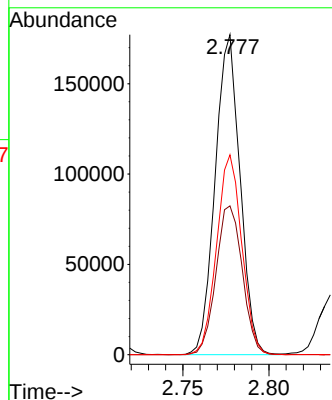
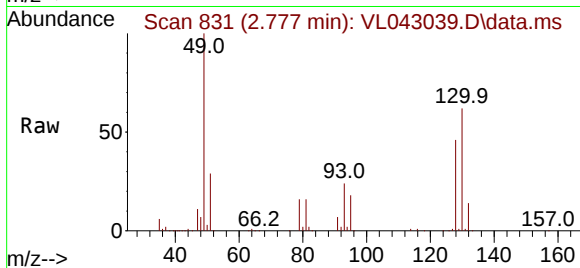
Tgt Ion: 49 Resp: 178544

Ion Ratio Lower Upper

49 100

128 49.1 24.1 72.2

130 63.0 31.4 94.3



#2

Dichlorodifluoromethane

Concen: 9.540 ppbv

RT: 1.496 min Scan# 435

Delta R.T. 0.000 min

Lab File: VL043039.D

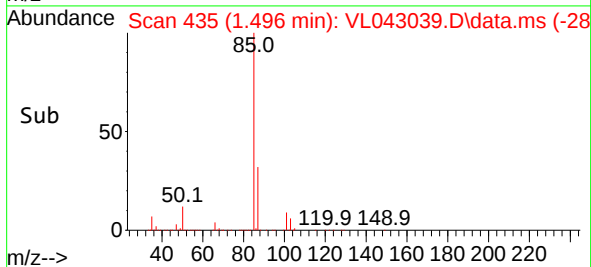
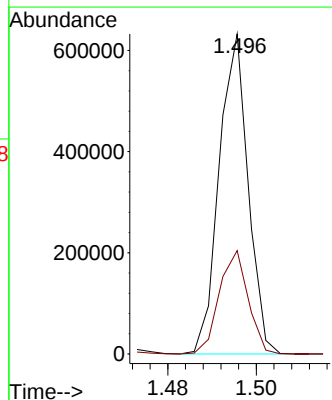
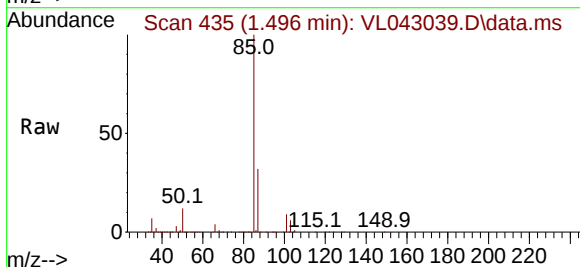
Acq: 02 Oct 2025 14:14

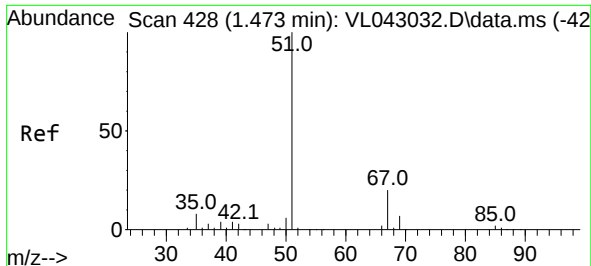
Tgt Ion: 85 Resp: 287085

Ion Ratio Lower Upper

85 100

87 32.3 25.8 38.6

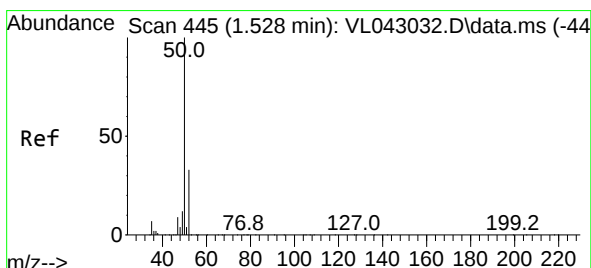
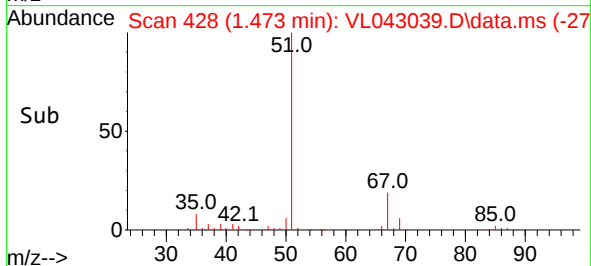
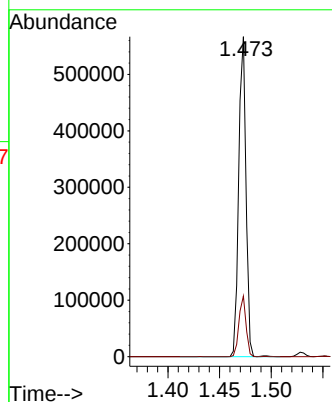
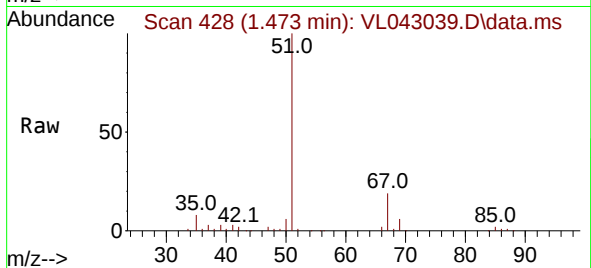




#3
Chlorodifluoromethane
Concen: 9.468 ppbv
RT: 1.473 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

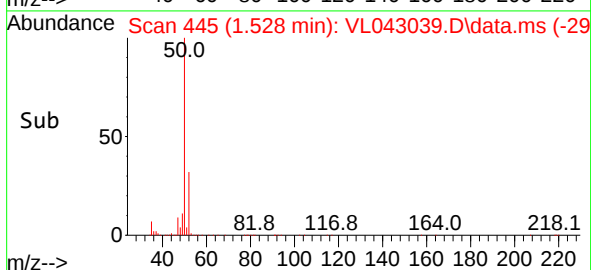
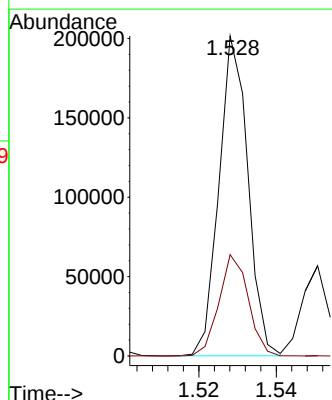
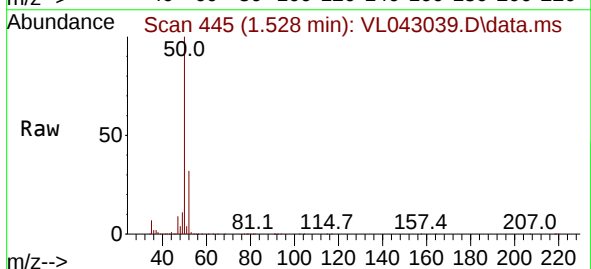
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100225

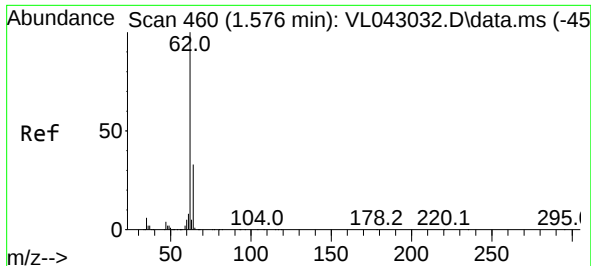
Tgt Ion: 51 Resp: 275618
Ion Ratio Lower Upper
51 100
67 18.5 15.1 22.7



#4
Chloromethane
Concen: 9.501 ppbv
RT: 1.528 min Scan# 445
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 50 Resp: 104427
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.2

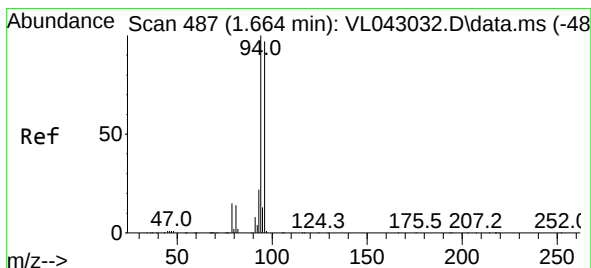
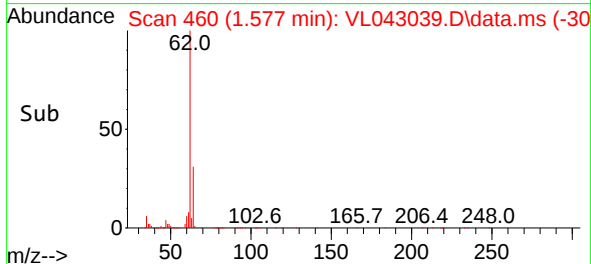
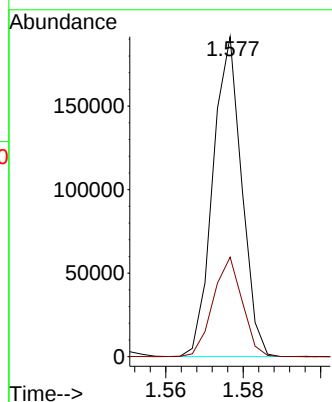
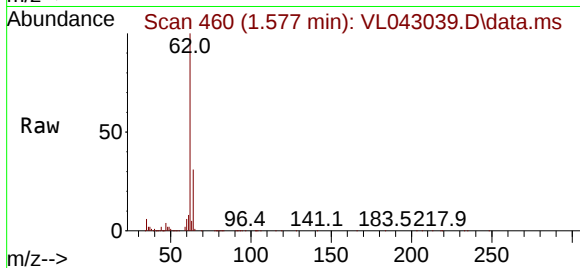




#5
 Vinyl Chloride
 Concen: 9.476 ppbv
 RT: 1.577 min Scan# 460
 Delta R.T. 0.000 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

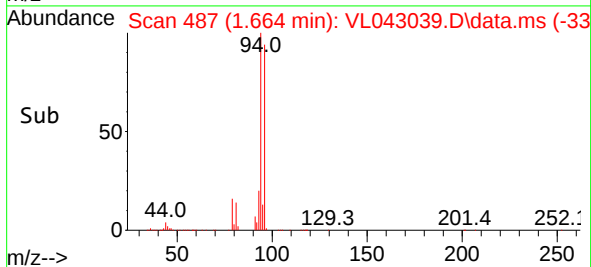
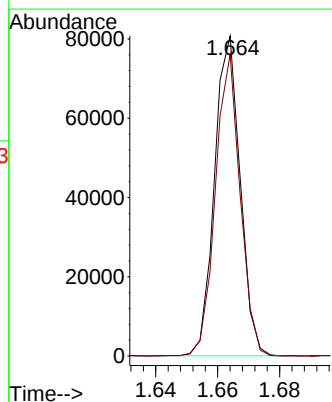
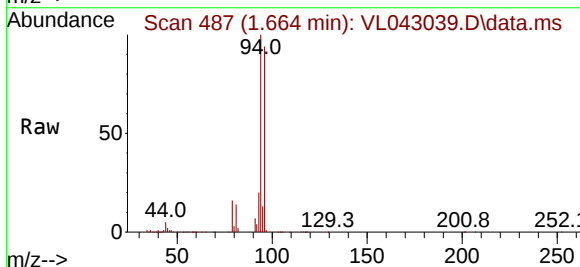
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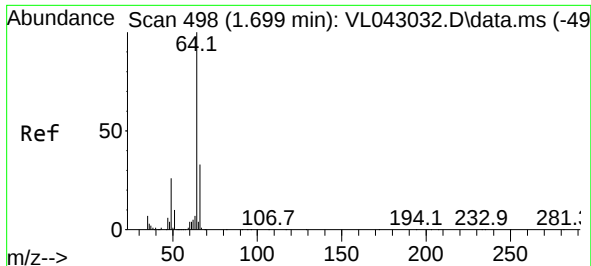
Tgt Ion: 62 Resp: 98850
 Ion Ratio Lower Upper
 62 100
 64 31.1 26.2 39.2



#6
 Bromomethane
 Concen: 9.883 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. 0.000 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

Tgt Ion: 94 Resp: 46326
 Ion Ratio Lower Upper
 94 100
 96 94.4 77.6 116.4

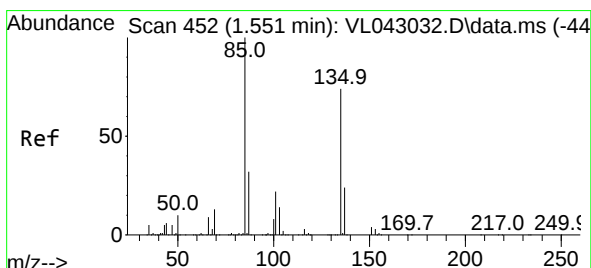
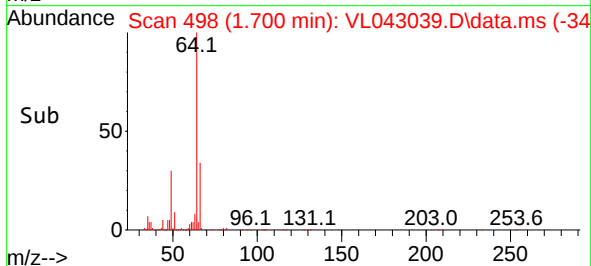
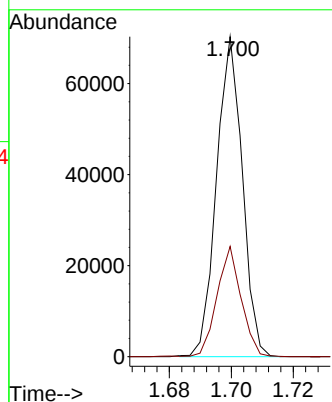
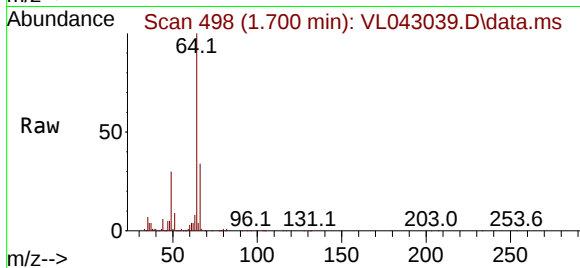




#7
Chloroethane
Concen: 9.336 ppbv
RT: 1.700 min Scan# 498
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

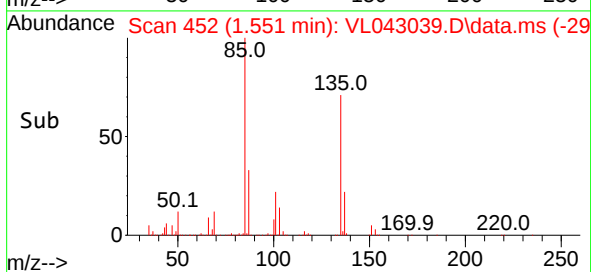
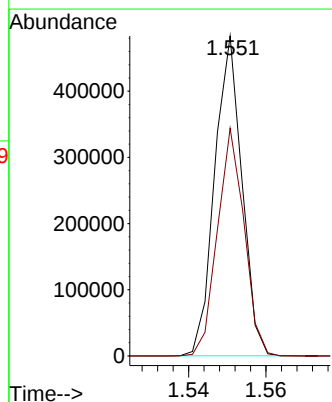
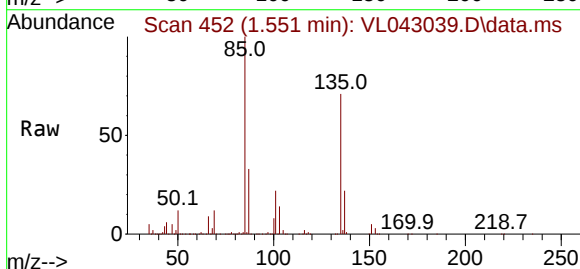
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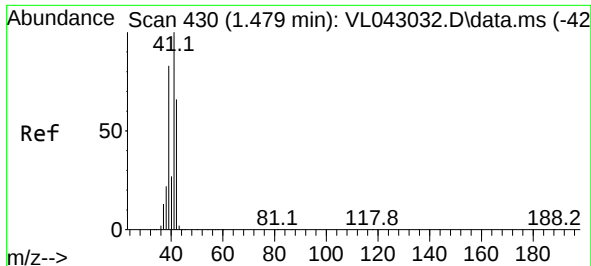
Tgt Ion: 64 Resp: 40636
Ion Ratio Lower Upper
64 100
66 34.5 26.6 39.8



#8
Dichlorotetrafluoroethane
Concen: 9.567 ppbv
RT: 1.551 min Scan# 452
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 85 Resp: 235901
Ion Ratio Lower Upper
85 100
135 69.9 56.3 84.5





#9

Propene

Concen: 9.879 ppbv

RT: 1.480 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

Instrument :

MSVOA_L

ClientSampleId :

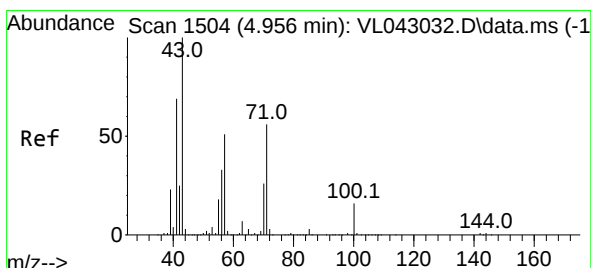
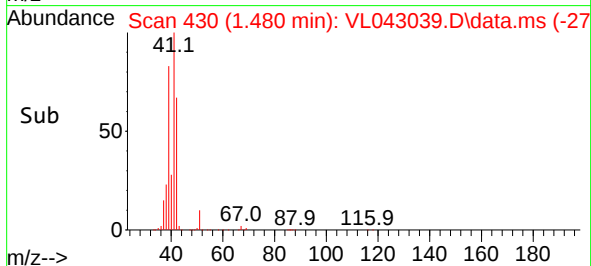
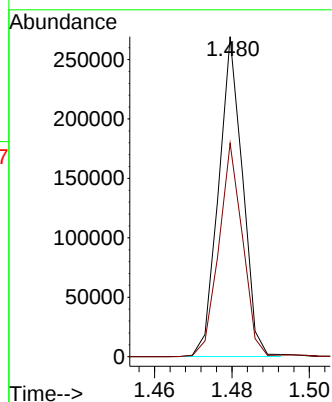
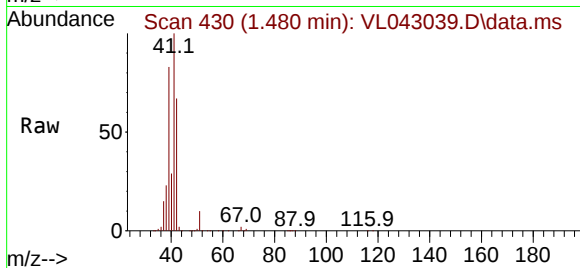
ICVVL100225

Tgt Ion: 41 Resp: 115956

Ion Ratio Lower Upper

41 100

42 67.1 53.3 79.9



#10

Heptane

Concen: 10.779 ppbv

RT: 4.956 min Scan# 1504

Delta R.T. 0.000 min

Lab File: VL043039.D

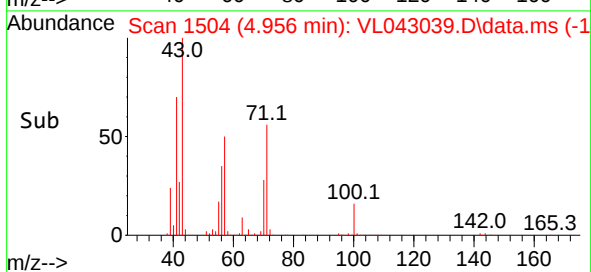
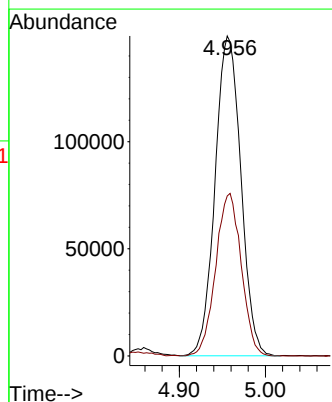
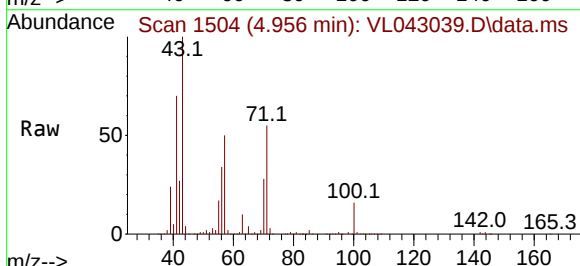
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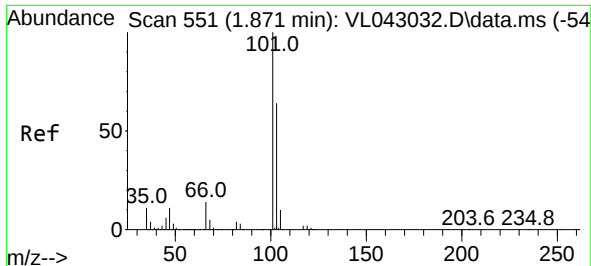
Tgt Ion: 43 Resp: 311038

Ion Ratio Lower Upper

43 100

57 50.4 40.3 60.5

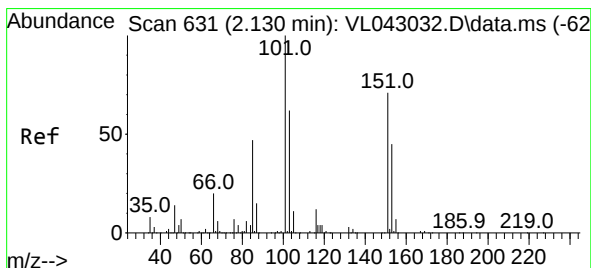
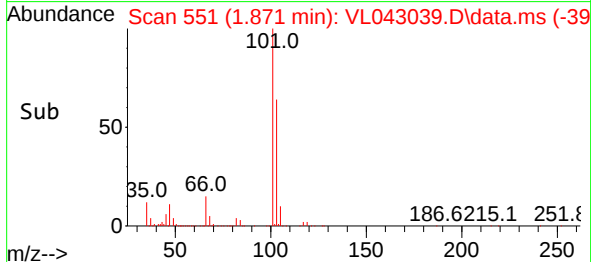
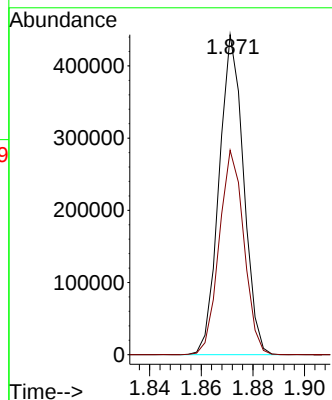
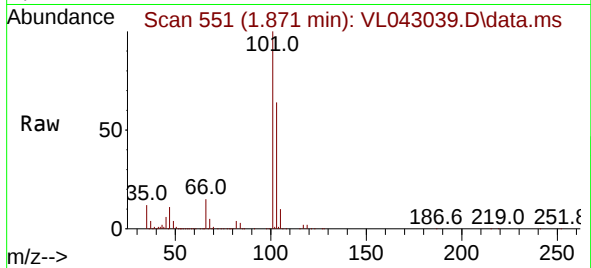




#11
 Trichlorofluoromethane
 Concen: 9.422 ppbv
 RT: 1.871 min Scan# 551
 Delta R.T. 0.000 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

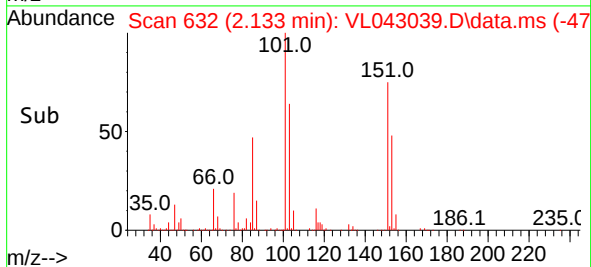
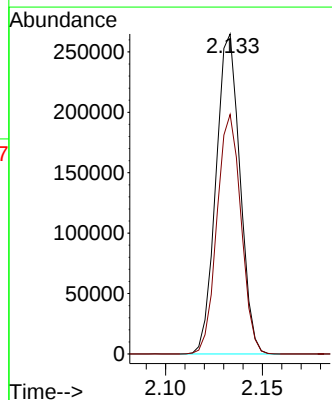
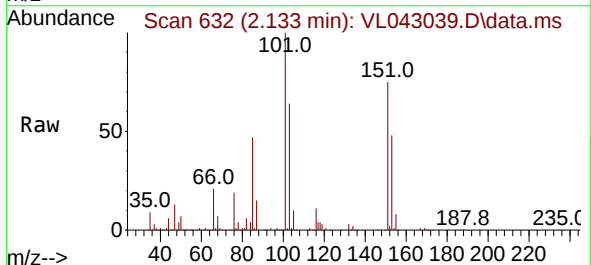
Instrument :
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 ClientSampleId :
 ICVVL100225

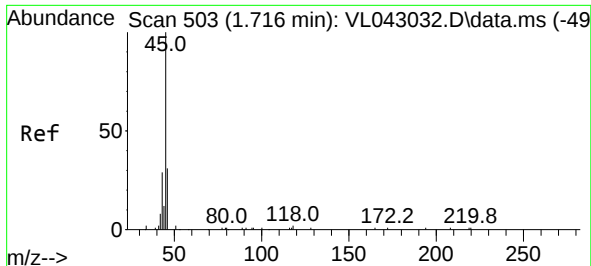
Tgt Ion:101 Resp: 291376
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.1 76.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.374 ppbv
 RT: 2.133 min Scan# 632
 Delta R.T. 0.003 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

Tgt Ion:101 Resp: 228314
 Ion Ratio Lower Upper
 101 100
 151 74.8 58.1 87.1

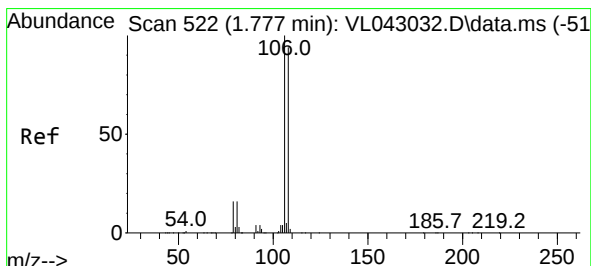
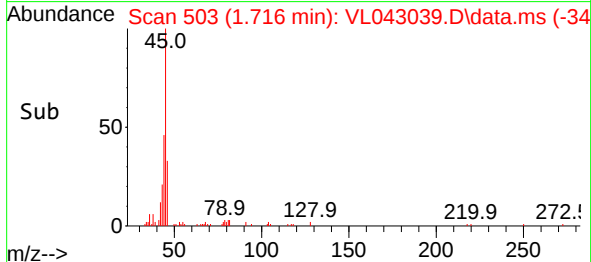
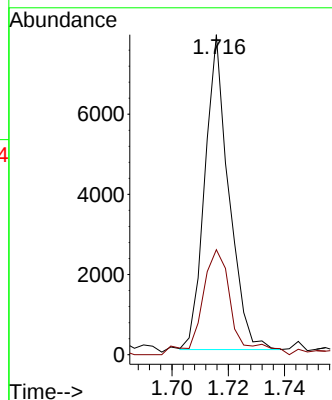
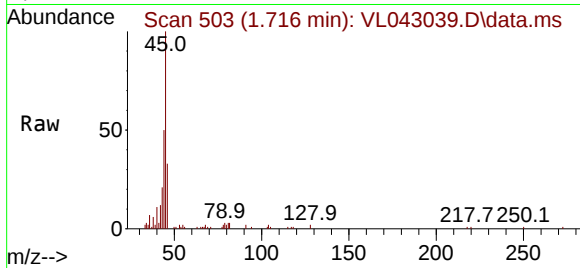




#13
 Ethanol
 Concen: 9.646 ppbv
 RT: 1.716 min Scan# 503
 Delta R.T. -0.000 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

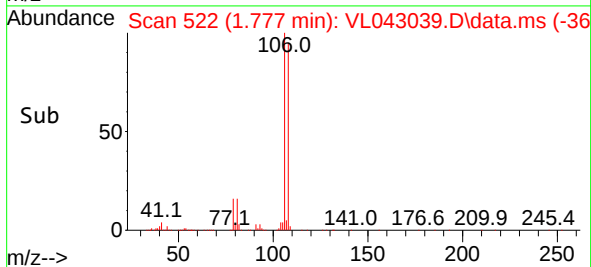
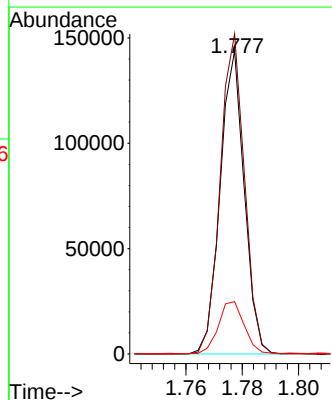
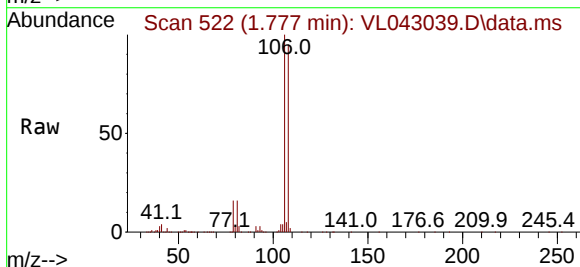
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL100225

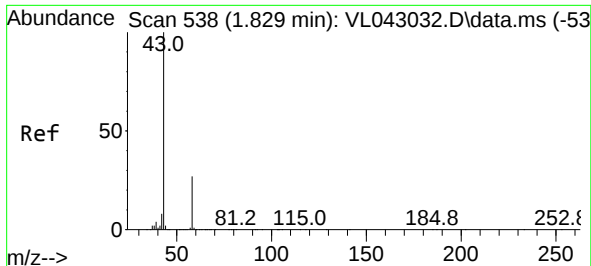
Tgt Ion: 45 Resp: 4643
 Ion Ratio Lower Upper
 45 100
 46 43.5 17.8 71.4



#14
 Bromoethene
 Concen: 9.774 ppbv
 RT: 1.777 min Scan# 522
 Delta R.T. 0.000 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

Tgt Ion: 108 Resp: 85349
 Ion Ratio Lower Upper
 108 100
 106 105.9 85.2 127.8
 79 19.2 14.8 22.2

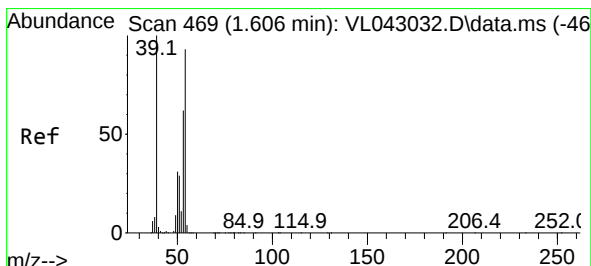
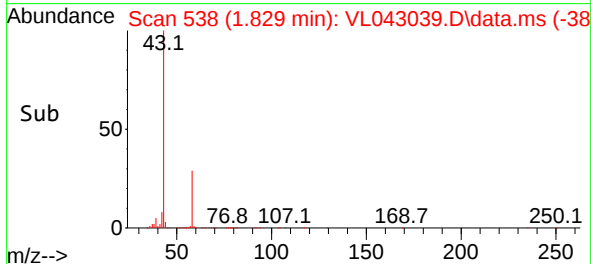
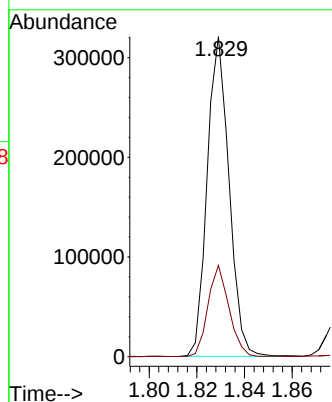
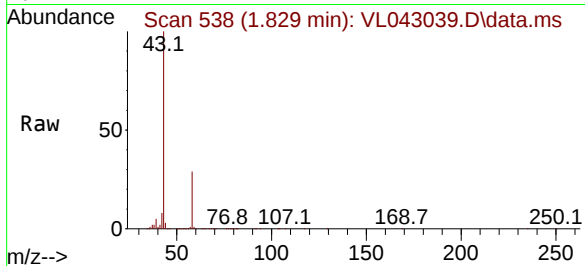




#15
Acetone
Concen: 8.176 ppbv
RT: 1.829 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

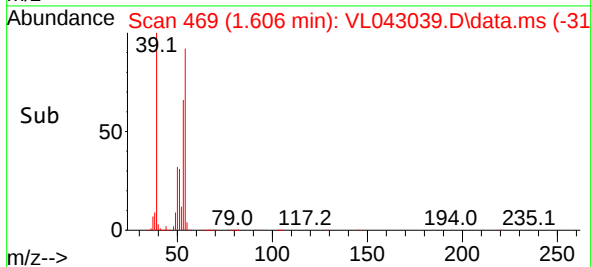
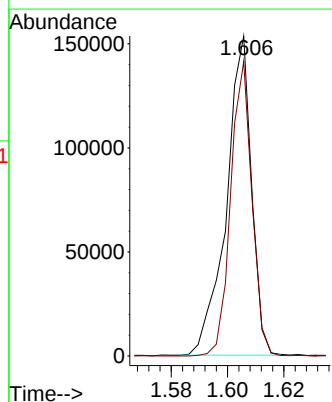
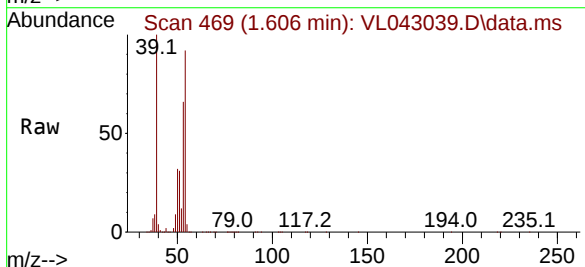
Instrument :
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ClientSampleId :
ICVVL100225

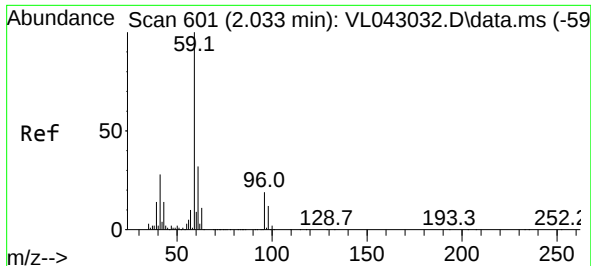
Tgt Ion: 43 Resp: 204381
Ion Ratio Lower Upper
43 100
58 27.8 22.2 33.4



#16
1,3-Butadiene
Concen: 9.234 ppbv
RT: 1.606 min Scan# 469
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 39 Resp: 95179
Ion Ratio Lower Upper
39 100
54 77.8 61.4 92.2

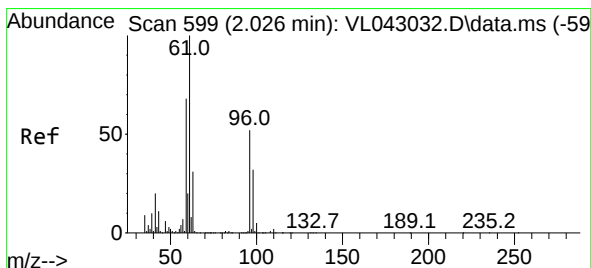
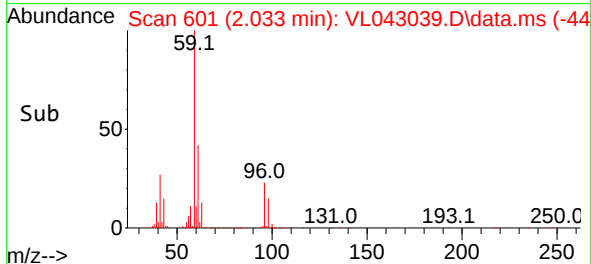
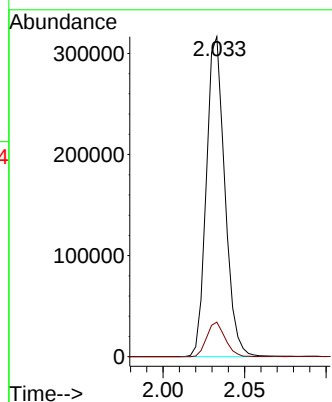
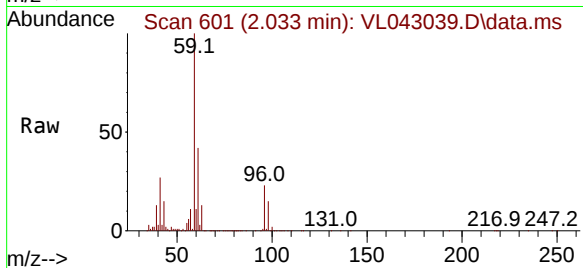




#17
 tert-Butyl alcohol
 Concen: 9.431 ppbv
 RT: 2.033 min Scan# 601
 Delta R.T. 0.000 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

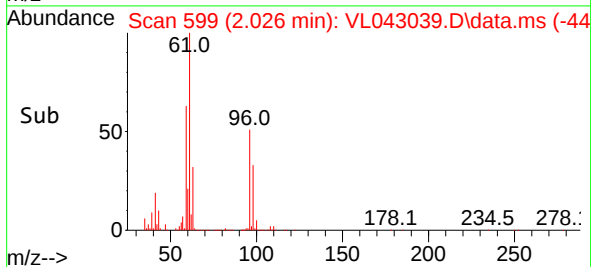
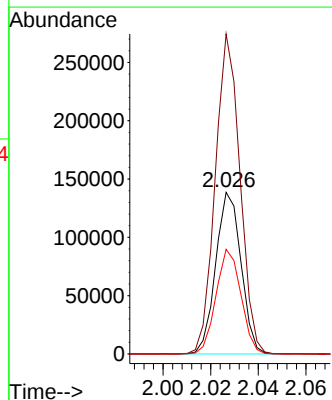
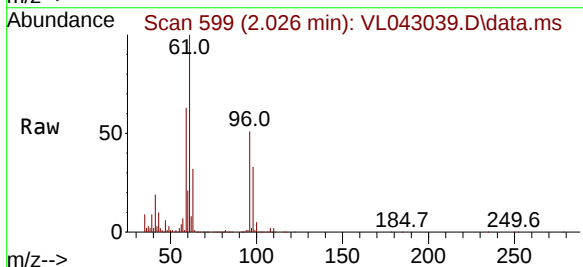
Instrument :
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 ClientSampleId :
 ICVVL100225

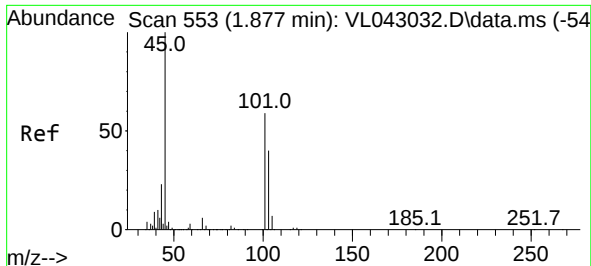
Tgt Ion: 59 Resp: 249385
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.5 12.7



#18
 1,1-Dichloroethene
 Concen: 9.547 ppbv
 RT: 2.026 min Scan# 599
 Delta R.T. 0.000 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

Tgt Ion: 96 Resp: 101929
 Ion Ratio Lower Upper
 96 100
 61 198.0 153.0 229.6
 98 64.8 48.8 73.2

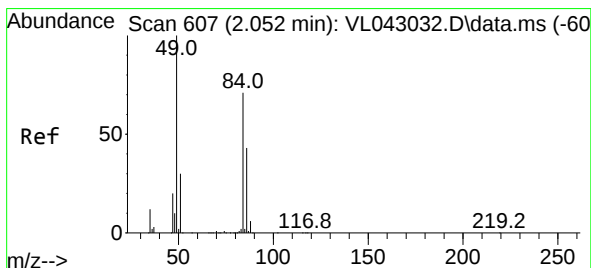
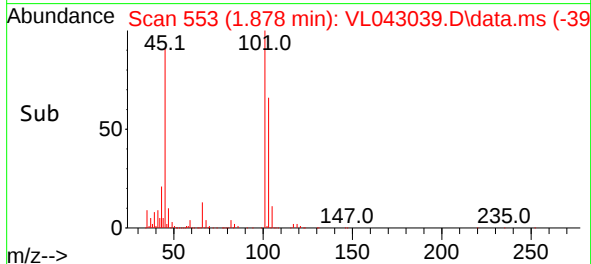
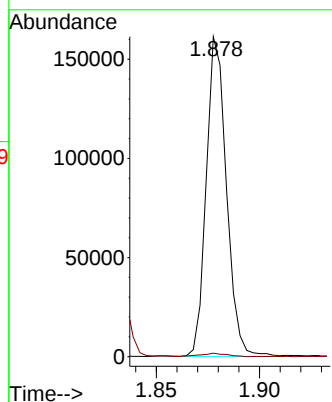
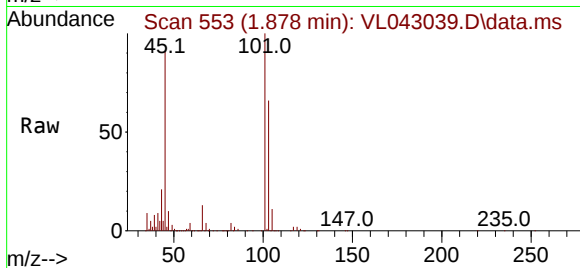




#19
Isopropyl Alcohol
Concen: 9.134 ppbv
RT: 1.878 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

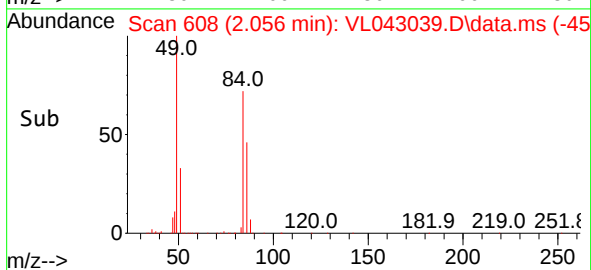
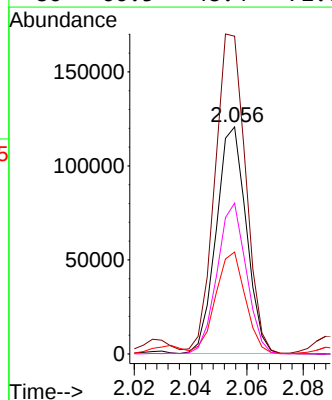
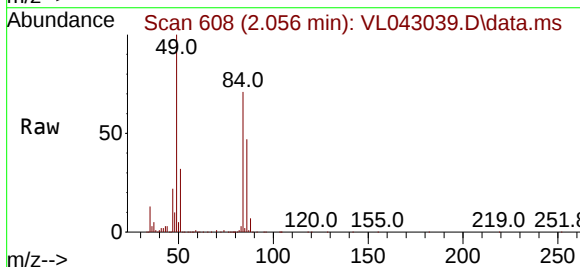
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100225

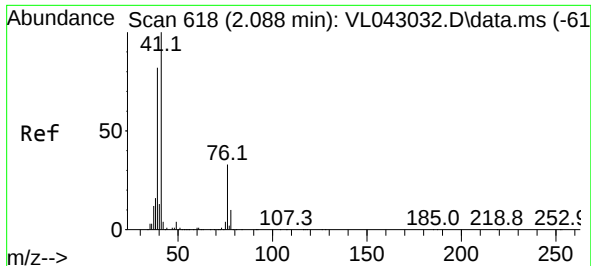
Tgt Ion: 45 Resp: 109403
Ion Ratio Lower Upper
45 100
58 51.9 42.3 63.5



#20
Methylene Chloride
Concen: 8.176 ppbv
RT: 2.056 min Scan# 608
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 84 Resp: 89214
Ion Ratio Lower Upper
84 100
49 140.0 112.5 168.7
51 44.7 34.2 51.2
86 66.5 48.4 72.6

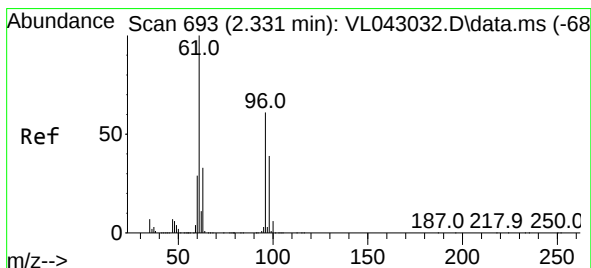
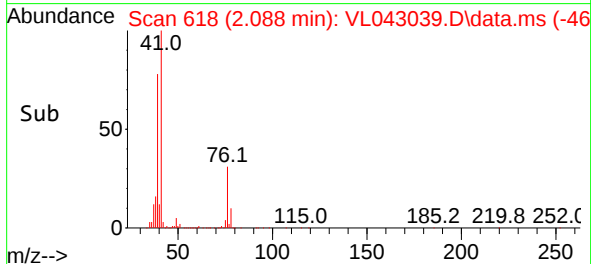
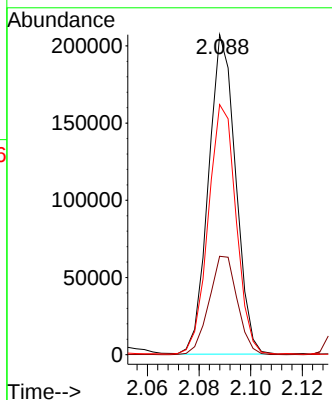
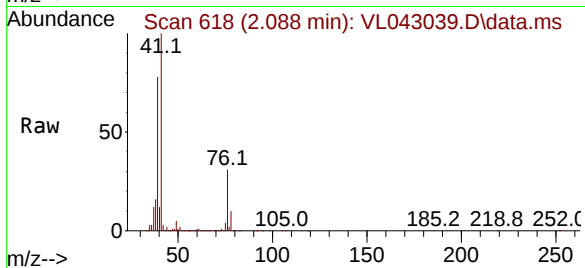




#21
 Allyl Chloride
 Concen: 9.443 ppbv
 RT: 2.088 min Scan# 618
 Delta R.T. 0.000 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

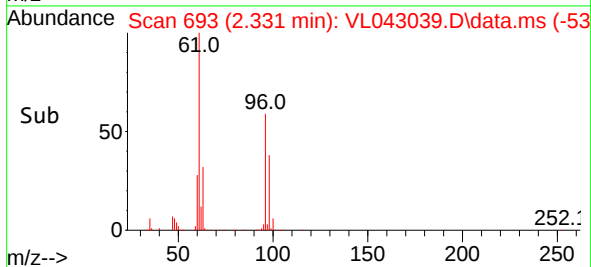
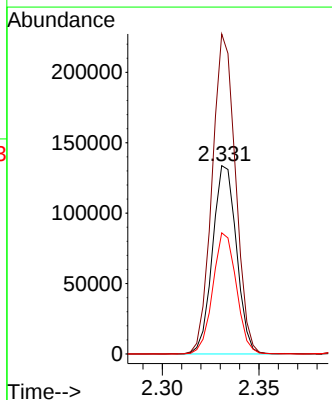
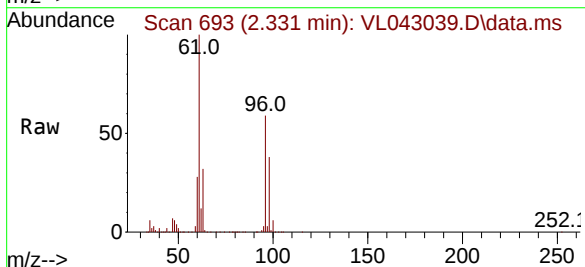
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL100225

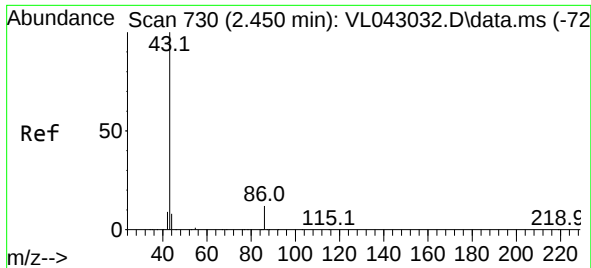
Tgt Ion: 41 Resp: 151234
 Ion Ratio Lower Upper
 41 100
 76 32.1 25.9 38.9
 39 79.7 63.0 94.4



#22
 trans-1,2-Dichloroethene
 Concen: 9.487 ppbv
 RT: 2.331 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

Tgt Ion: 96 Resp: 115000
 Ion Ratio Lower Upper
 96 100
 61 169.9 131.9 197.9
 98 64.4 52.1 78.1

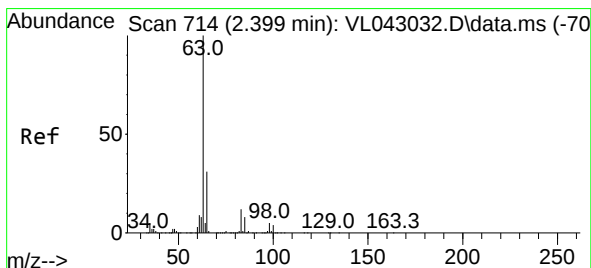
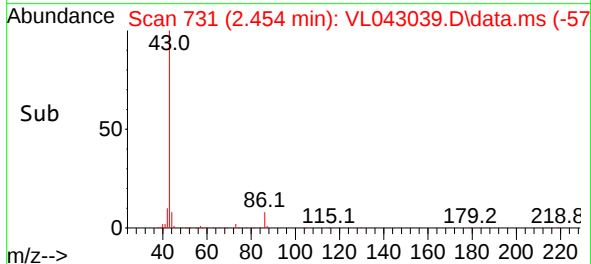
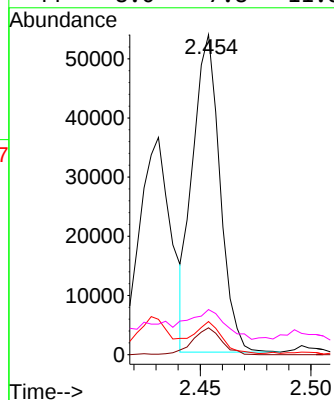
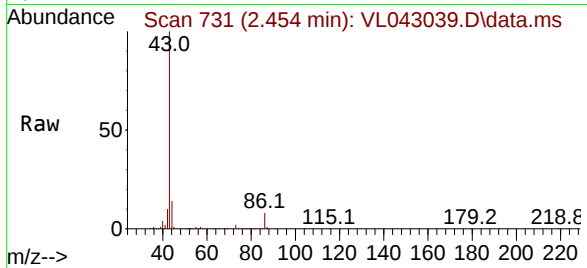




#23
 Vinyl Acetate
 Concen: 8.646 ppbv
 RT: 2.454 min Scan# 714
 Delta R.T. 0.003 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

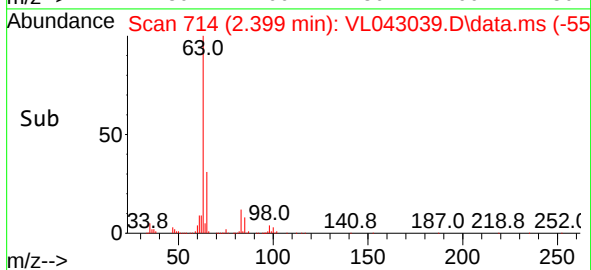
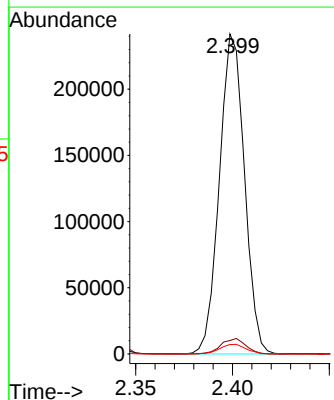
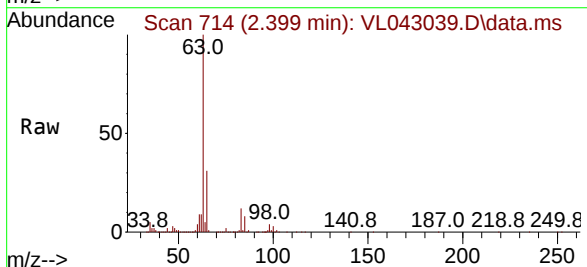
Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL100225

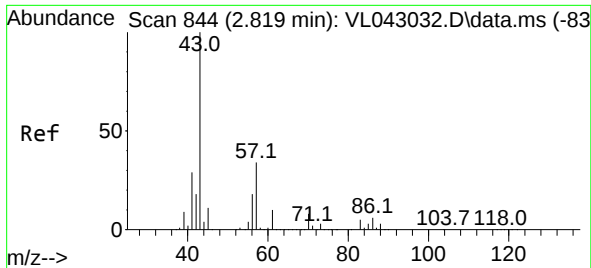
Tgt Ion: 43	Resp: 45886
Ion Ratio	Lower Upper
43 100	
86 8.5	7.5 11.3
42 10.0	8.4 12.6
44 8.0	7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 9.458 ppbv
 RT: 2.399 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

Tgt Ion: 63	Resp: 217319
Ion Ratio	Lower Upper
63 100	
98 4.2	2.5 7.4
100 3.0	1.8 5.4



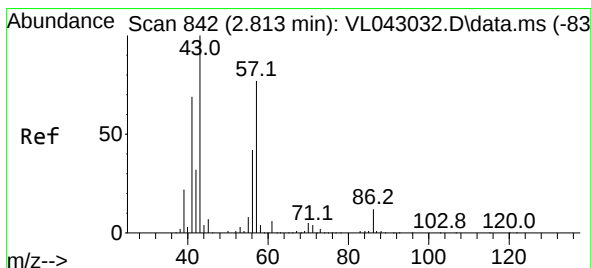
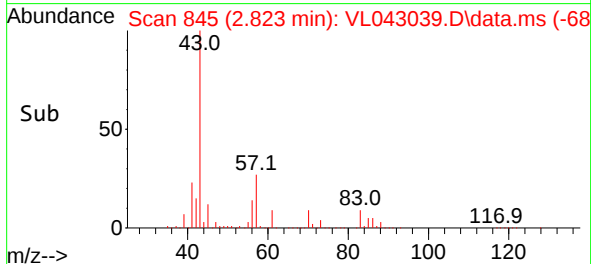
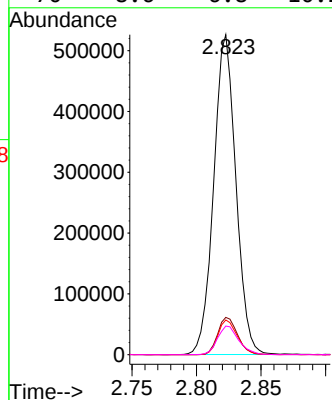
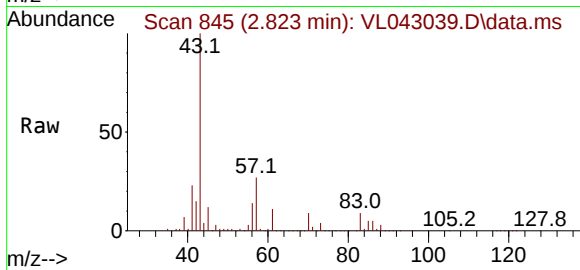


#25
Ethyl Acetate
Concen: 10.021 ppbv
RT: 2.823 min Scan# 844
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Instrument :
MSVOA_L
ClientSampleId :
ICVVL100225

Tgt Ion: 43 Resp: 628433

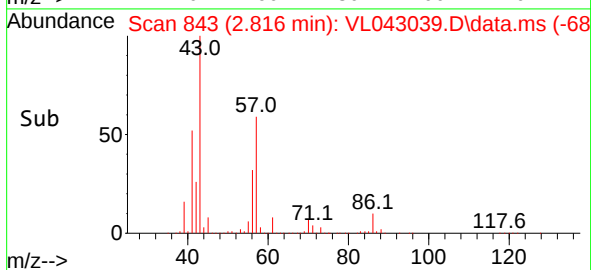
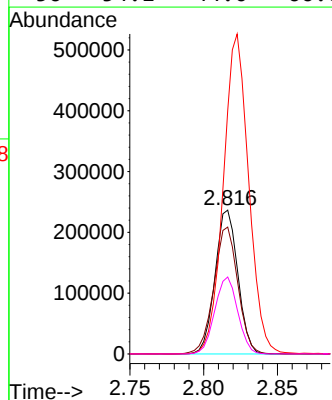
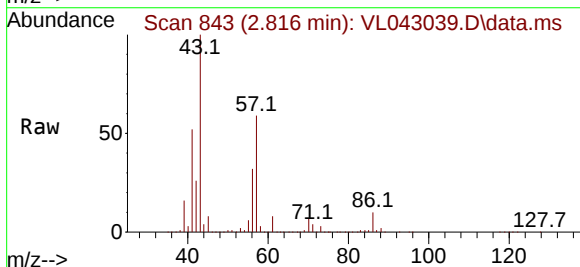
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.3	12.5
61	9.6	7.5	11.3
70	8.6	6.8	10.2

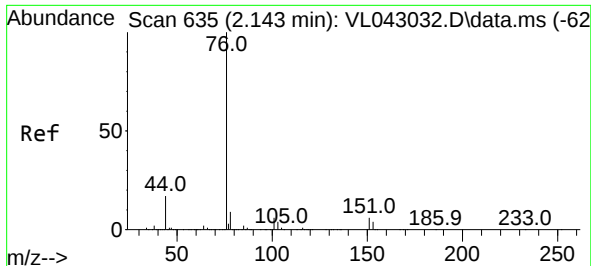


#26
Hexane
Concen: 10.521 ppbv
RT: 2.816 min Scan# 843
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 57 Resp: 253815

Ion	Ratio	Lower	Upper
57	100		
41	93.3	76.1	114.1
43	248.3	201.4	302.0
56	54.1	44.0	66.0

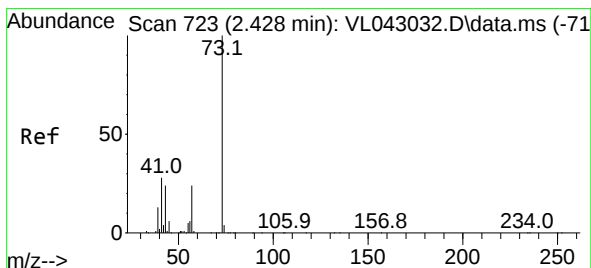
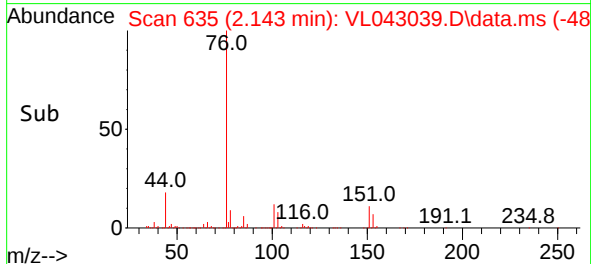
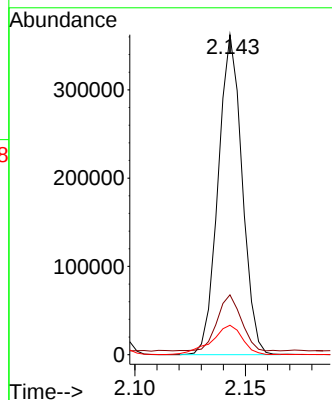
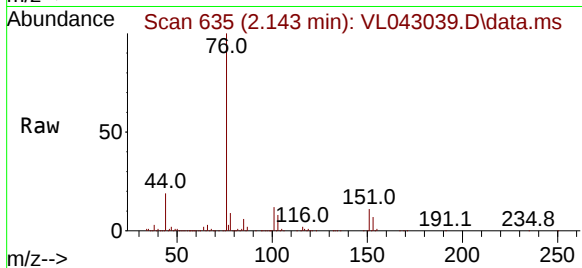




#27
Carbon Disulfide
Concen: 9.598 ppbv
RT: 2.143 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

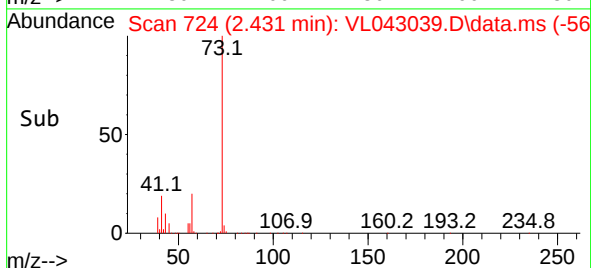
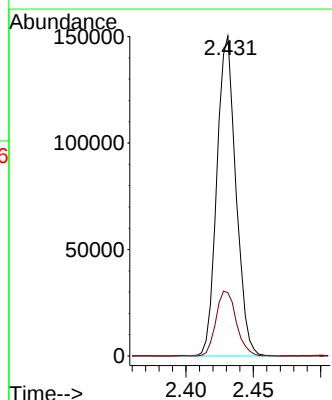
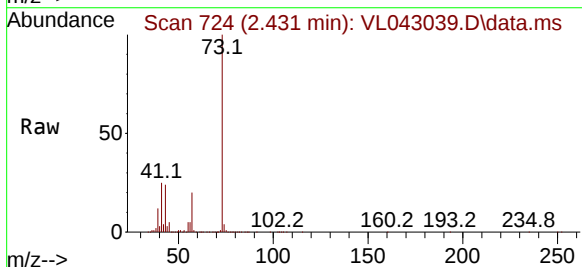
Instrument :
MSVOA_L
ClientSampleId :
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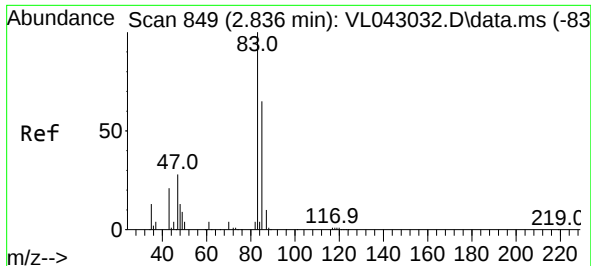
Tgt Ion: 76 Resp: 273348
Ion Ratio Lower Upper
76 100
44 18.4 14.0 21.0
78 11.7 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 9.767 ppbv
RT: 2.431 min Scan# 724
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 73 Resp: 147450
Ion Ratio Lower Upper
73 100
57 21.8 17.8 26.8





#29

Chloroform

Concen: 9.439 ppbv

RT: 2.836 min Scan# 849

Delta R.T. 0.000 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

Instrument :

MSVOA_L

ClientSampleId :

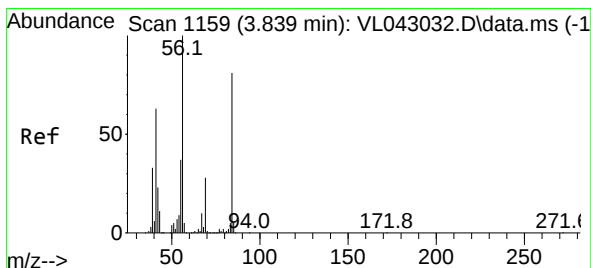
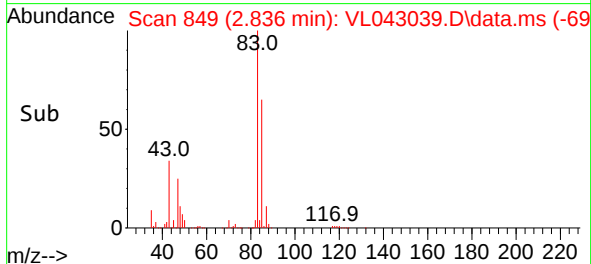
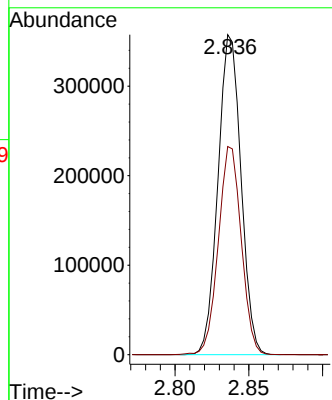
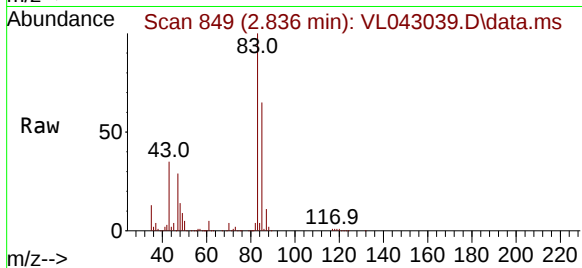
ICVVL100225

Tgt Ion: 83 Resp: 388247

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0



#30

Cyclohexane

Concen: 10.896 ppbv

RT: 3.839 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

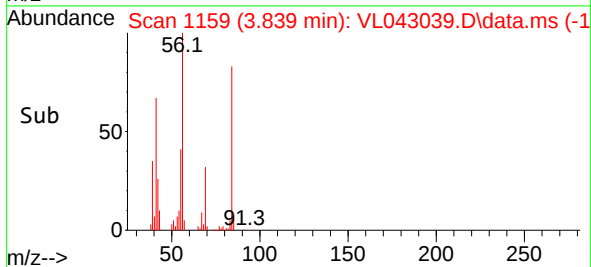
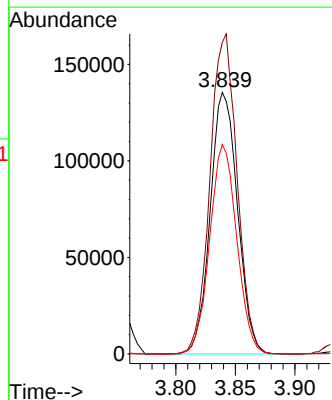
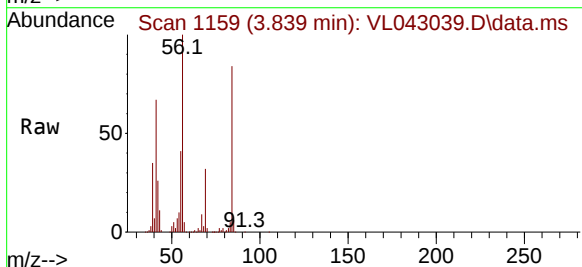
Tgt Ion: 84 Resp: 216007

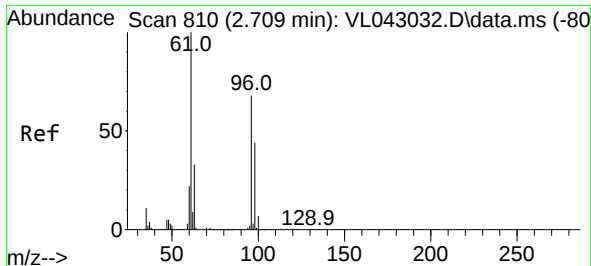
Ion Ratio Lower Upper

84 100

56 121.3 99.9 149.9

41 79.4 64.2 96.4

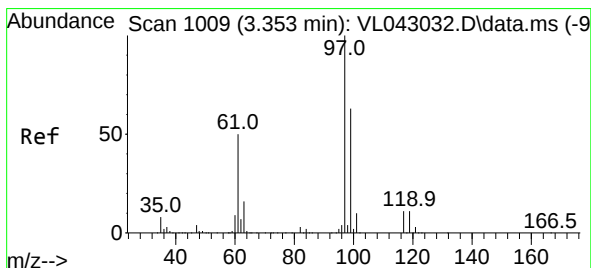
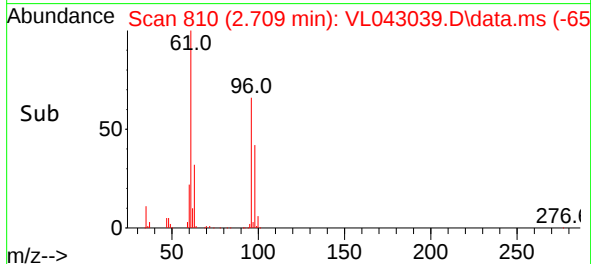
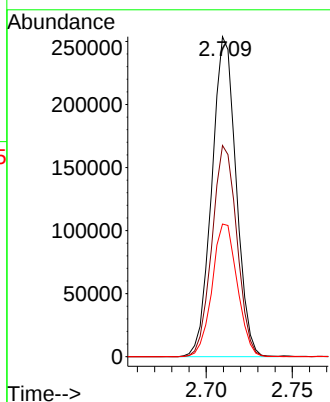
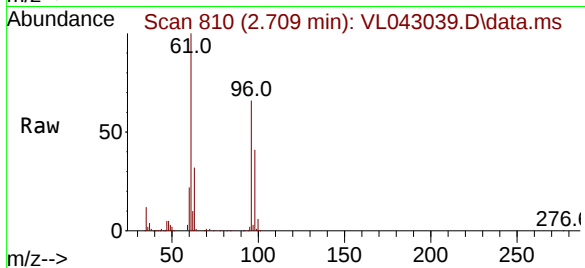




#31
 cis-1,2-Dichloroethene
 Concen: 10.063 ppbv
 RT: 2.709 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

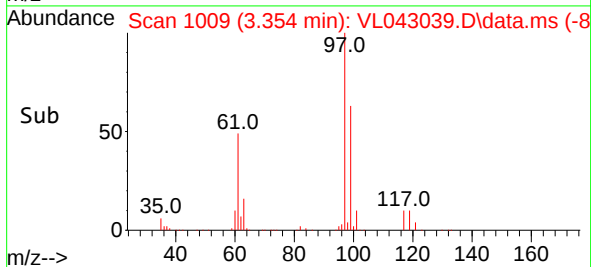
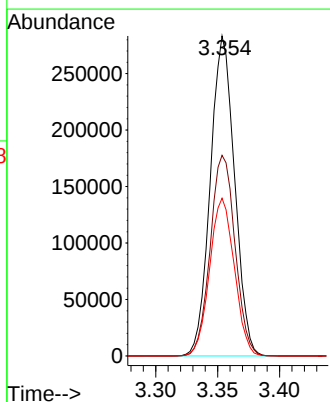
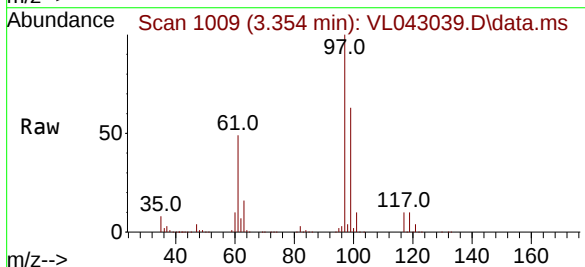
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL100225

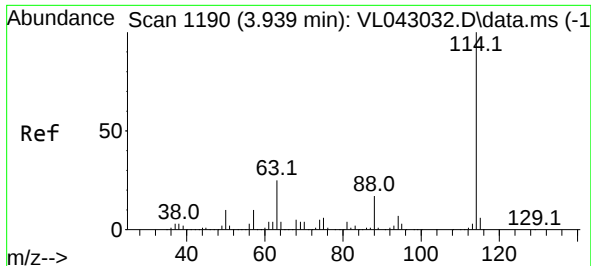
Tgt Ion: 61 Resp: 249555
 Ion Ratio Lower Upper
 61 100
 96 66.0 54.6 82.0
 98 41.4 34.8 52.2



#32
 1,1,1-Trichloroethane
 Concen: 9.682 ppbv
 RT: 3.354 min Scan# 1009
 Delta R.T. 0.000 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

Tgt Ion: 97 Resp: 387043
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.2 76.8
 61 50.1 40.1 60.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.939 min Scan# 1190

Delta R.T. 0.000 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

Instrument :

MSVOA_L

ClientSampleId :

ICVVL100225

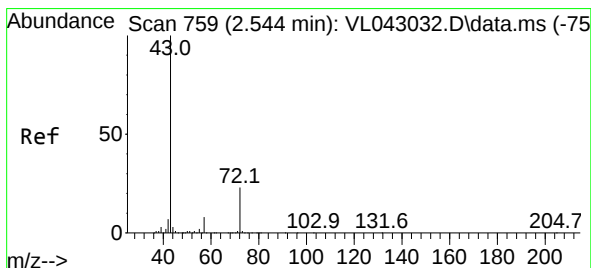
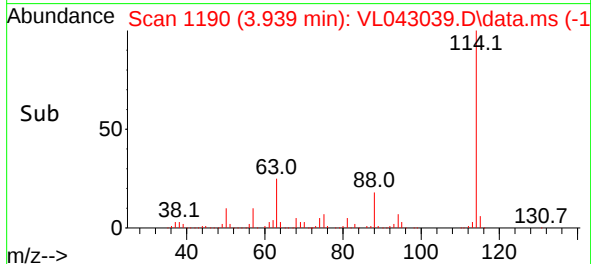
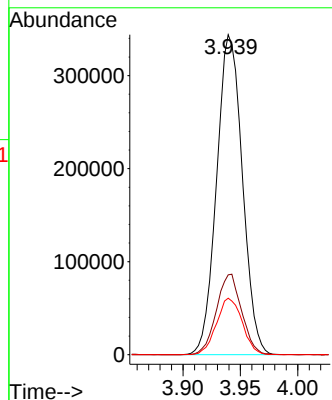
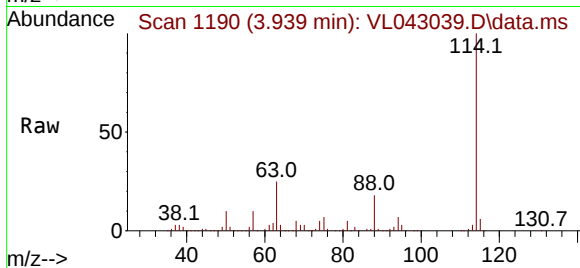
Tgt Ion:114 Resp: 537412

Ion Ratio Lower Upper

114 100

63 24.6 19.4 29.2

88 17.6 13.9 20.9



#34

2-Butanone

Concen: 9.501 ppbv

RT: 2.544 min Scan# 759

Delta R.T. 0.000 min

Lab File: VL043039.D

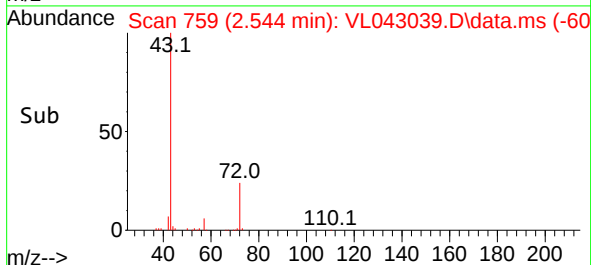
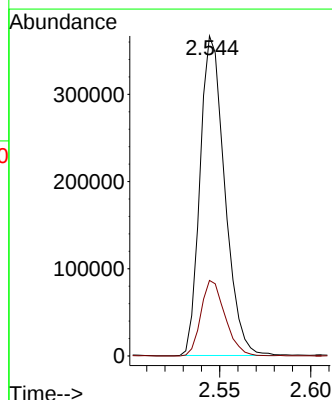
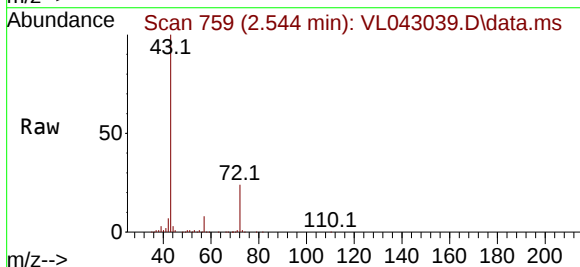
Acq: 02 Oct 2025 14:14

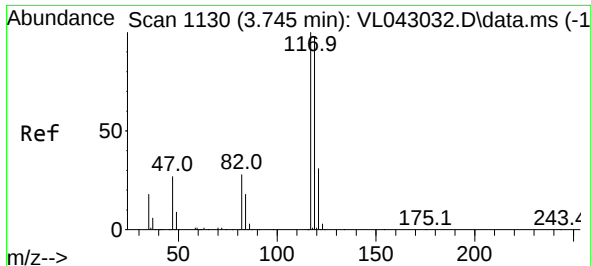
Tgt Ion: 43 Resp: 346463

Ion Ratio Lower Upper

43 100

72 23.2 18.4 27.6

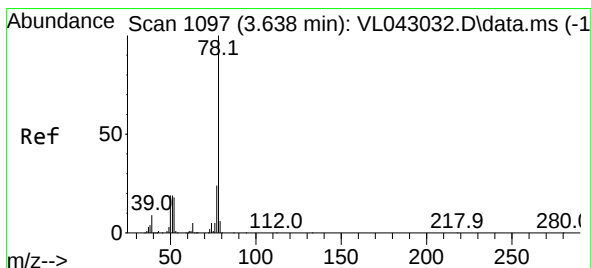
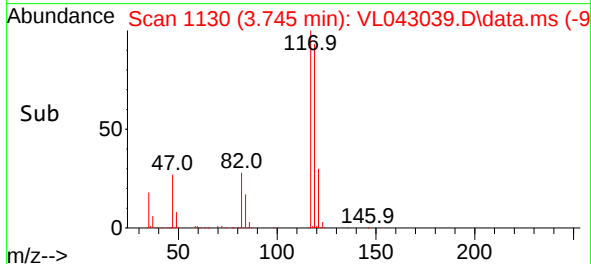
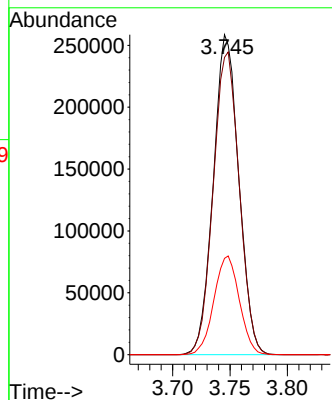
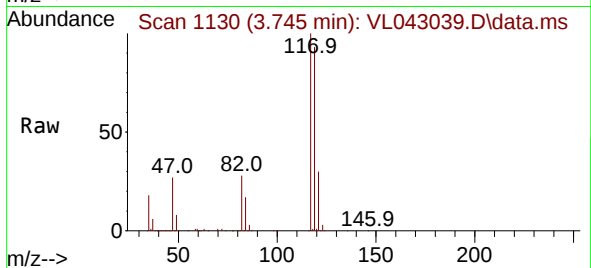




#35
Carbon Tetrachloride
Concen: 9.031 ppbv
RT: 3.745 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

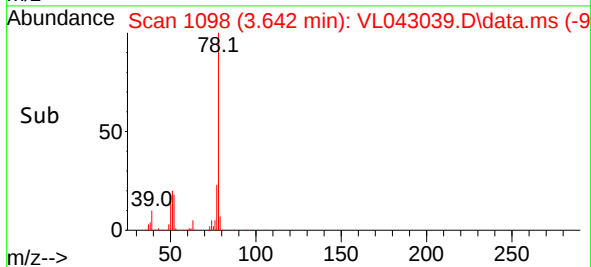
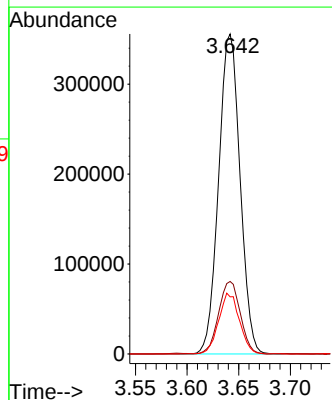
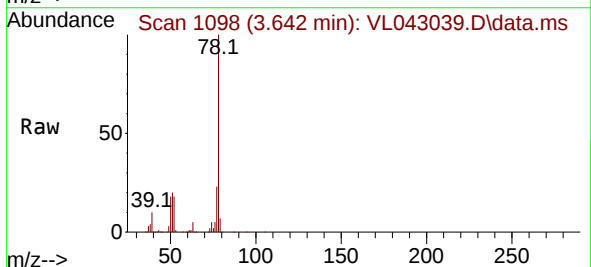
Instrument : MSVOA_L
ClientSampleId : ICVVL100225

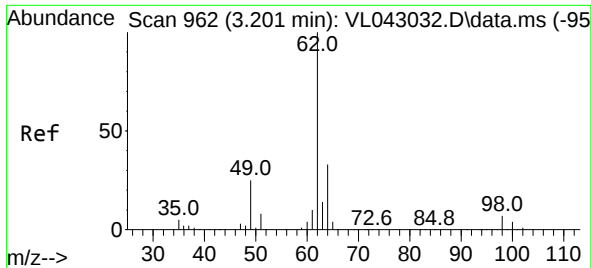
Tgt Ion:117 Resp: 399311
Ion Ratio Lower Upper
117 100
119 92.9 78.2 117.4
121 30.1 24.8 37.2



#36
Benzene
Concen: 10.017 ppbv
RT: 3.642 min Scan# 1098
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 78 Resp: 514339
Ion Ratio Lower Upper
78 100
77 22.6 19.2 28.8
50 17.8 14.9 22.3

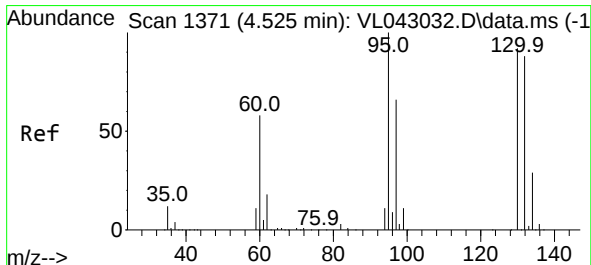
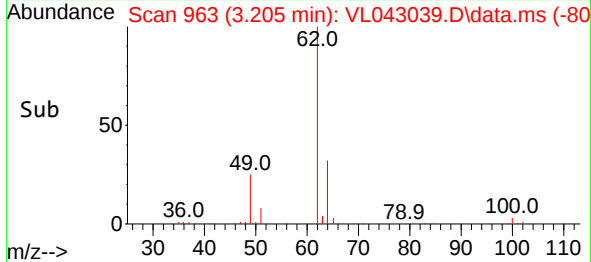
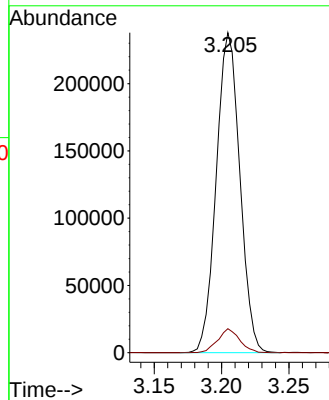
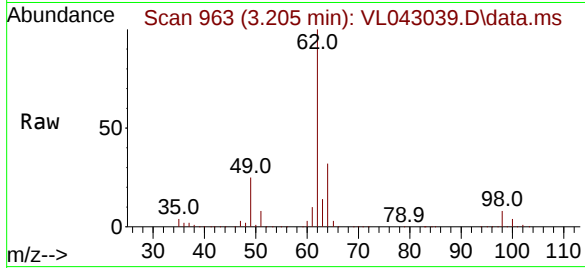




#37
1,2-Dichloroethane
Concen: 9.515 ppbv
RT: 3.205 min Scan# 962
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

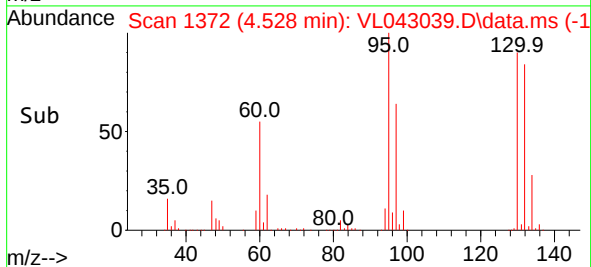
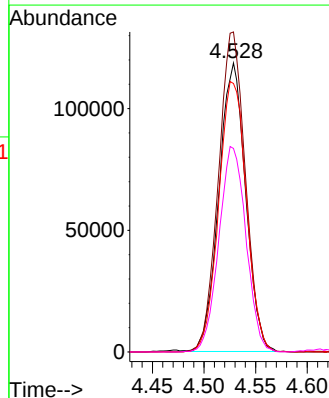
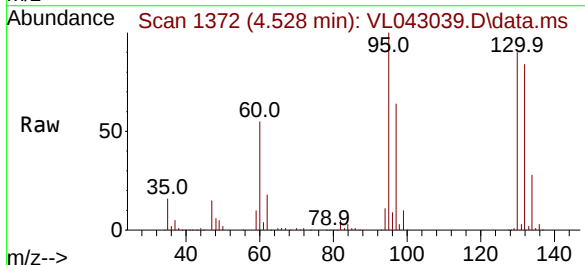
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100225

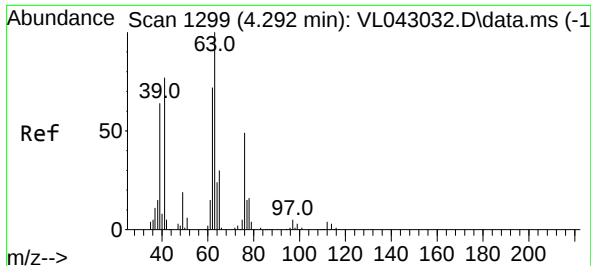
Tgt Ion: 62 Resp: 289339
Ion Ratio Lower Upper
62 100
98 7.0 5.6 8.4



#38
Trichloroethene
Concen: 9.992 ppbv
RT: 4.528 min Scan# 1372
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion:130 Resp: 213727
Ion Ratio Lower Upper
130 100
95 110.8 86.4 129.6
132 93.1 75.7 113.5
97 70.6 56.9 85.3





#39

1,2-Dichloropropane

Concen: 9.662 ppbv

RT: 4.292 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

Instrument :

MSVOA_1

ClientSampleId :

ICVVL100225

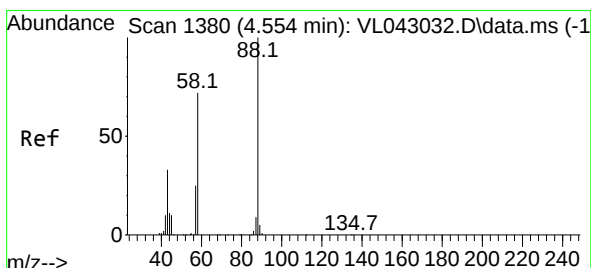
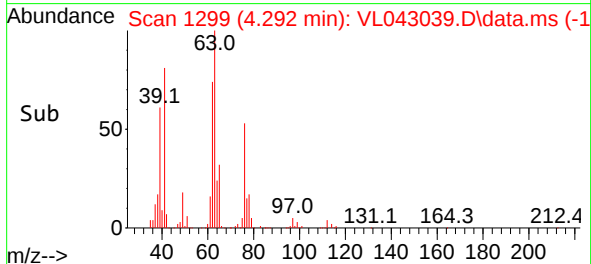
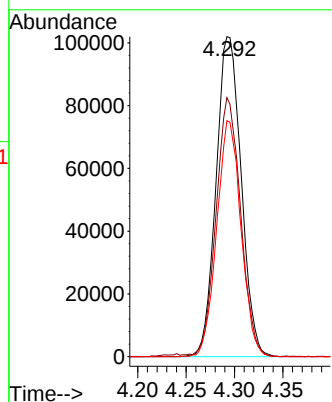
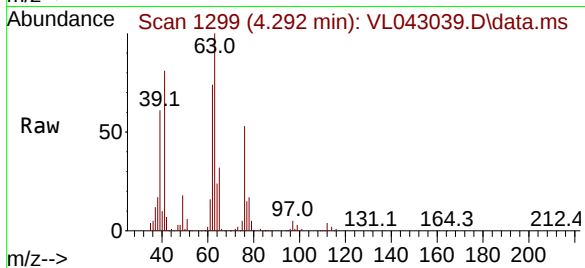
Tgt Ion: 63 Resp: 183886

Ion Ratio Lower Upper

63 100

41 80.9 61.6 92.4

62 73.7 58.1 87.1



#40

1,4-Dioxane

Concen: 9.831 ppbv

RT: 4.558 min Scan# 1381

Delta R.T. 0.003 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

Tgt Ion: 88 Resp: 80249

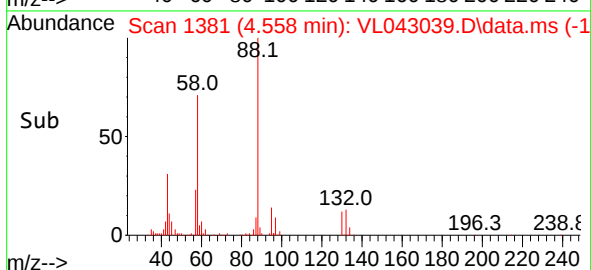
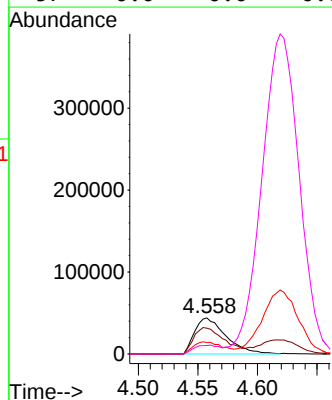
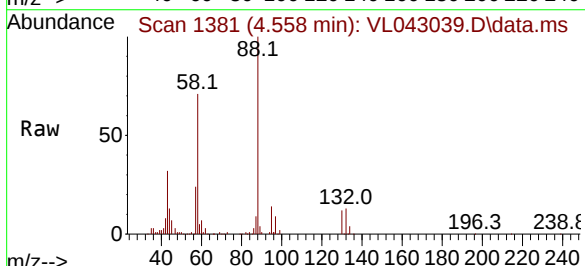
Ion Ratio Lower Upper

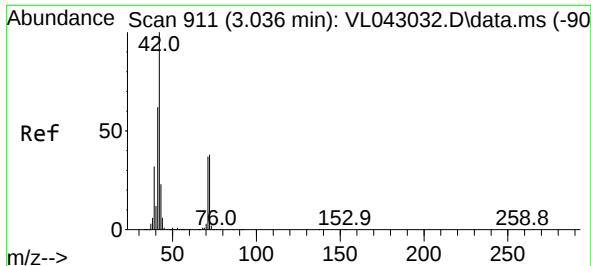
88 100

58 72.0 56.2 84.2

43 32.2 25.7 38.5

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.690 ppbv

RT: 3.040 min Scan# 911

Delta R.T. 0.003 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

Instrument :

MSVOA_L

ClientSampleId :

ICVVL100225

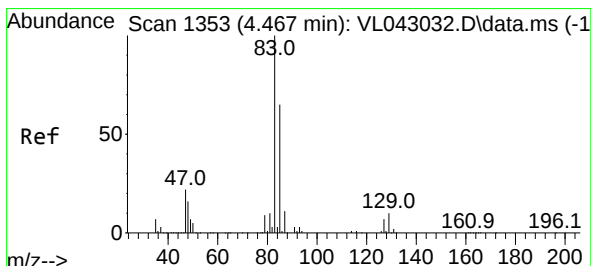
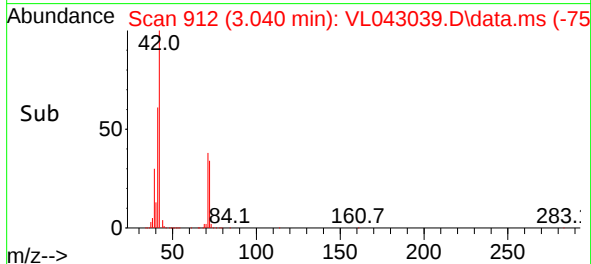
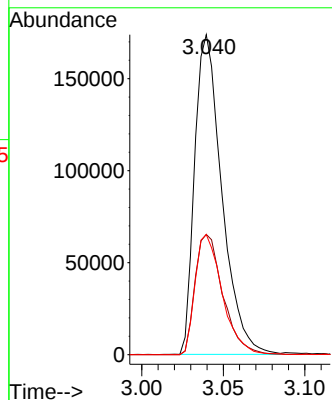
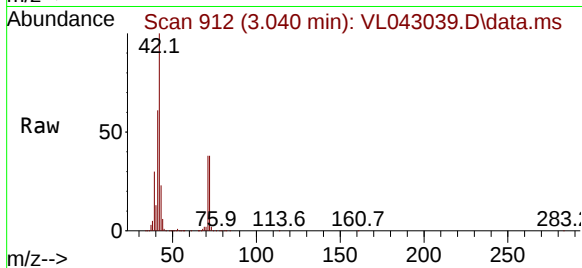
Tgt Ion: 42 Resp: 201471

Ion Ratio Lower Upper

42 100

72 38.7 31.0 46.6

71 37.7 29.8 44.6



#42

Bromodichloromethane

Concen: 9.629 ppbv

RT: 4.467 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

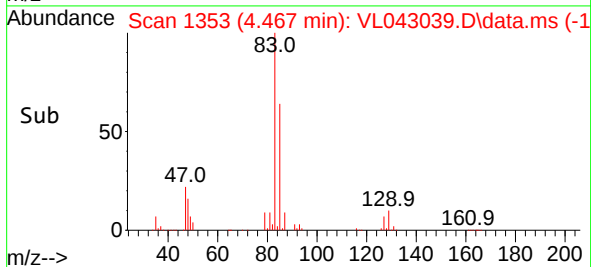
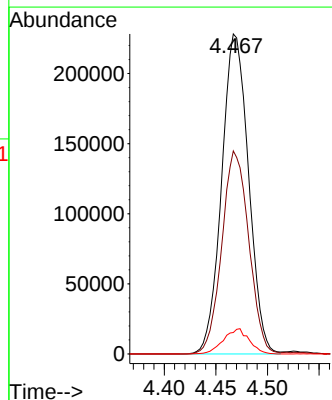
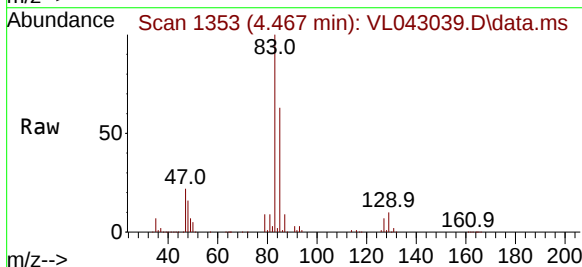
Tgt Ion: 83 Resp: 413457

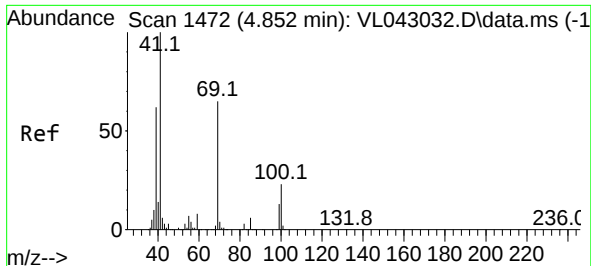
Ion Ratio Lower Upper

83 100

85 63.5 51.8 77.8

127 6.7 5.9 8.9

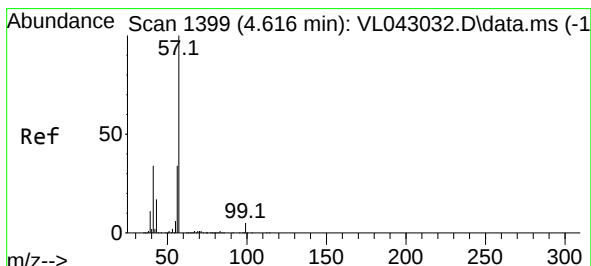
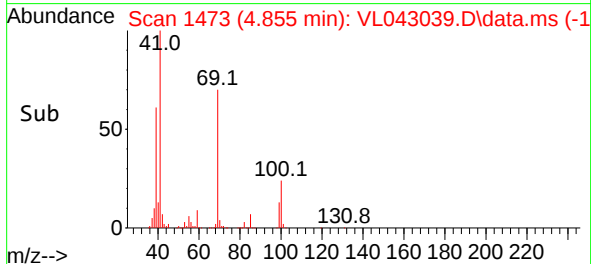
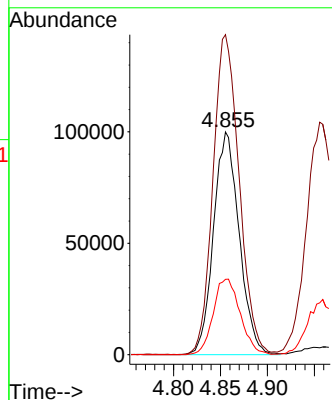
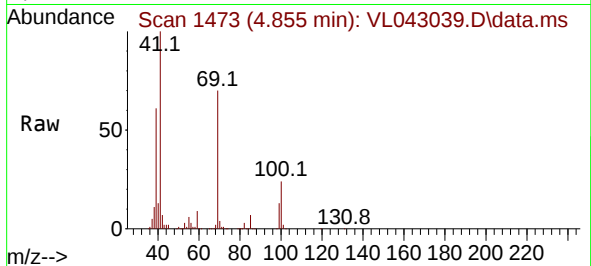




#43
Methyl Methacrylate
Concen: 11.147 ppbv
RT: 4.855 min Scan# 1472
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

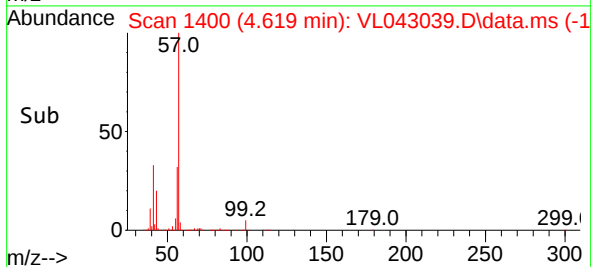
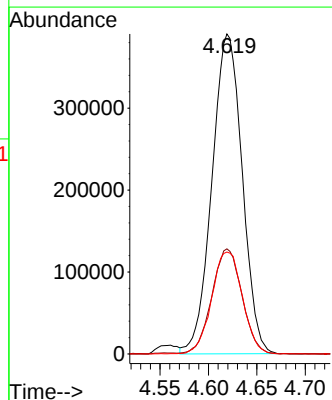
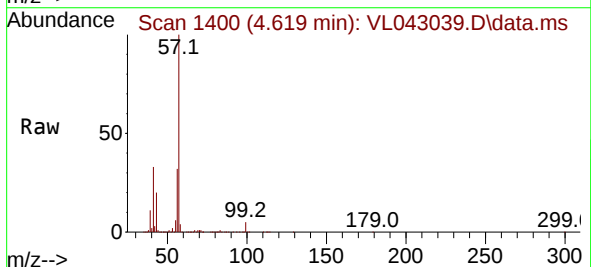
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100225

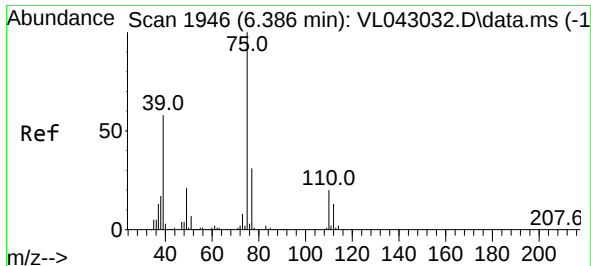
Tgt Ion: 69 Resp: 189993
Ion Ratio Lower Upper
69 100
41 145.9 118.0 177.0
100 35.7 28.3 42.5



#44
2,2,4-Trimethylpentane
Concen: 10.290 ppbv
RT: 4.619 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 57 Resp: 847766
Ion Ratio Lower Upper
57 100
41 33.1 27.0 40.4
56 32.4 26.0 39.0

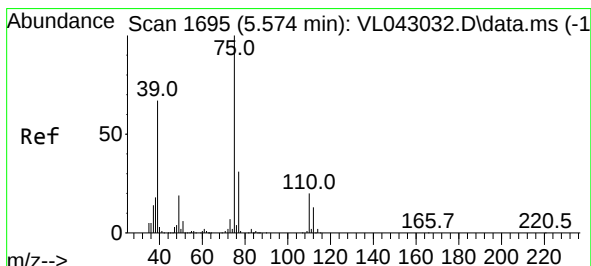
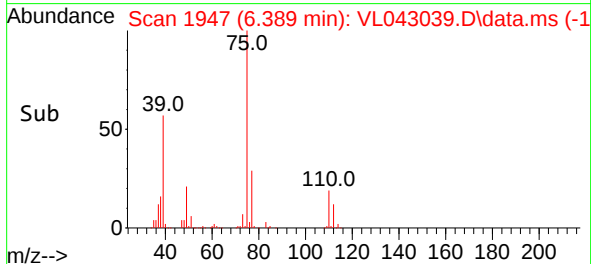
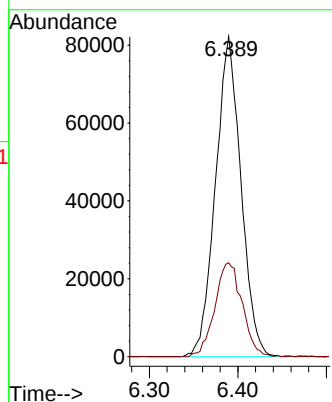
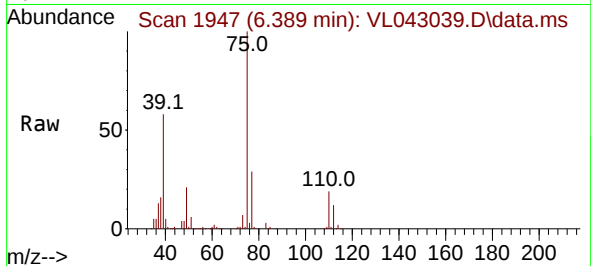




#45
 t-1,3-Dichloropropene
 Concen: 10.538 ppbv
 RT: 6.389 min Scan# 1946
 Delta R.T. 0.003 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

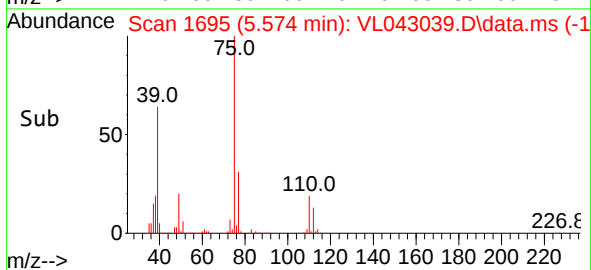
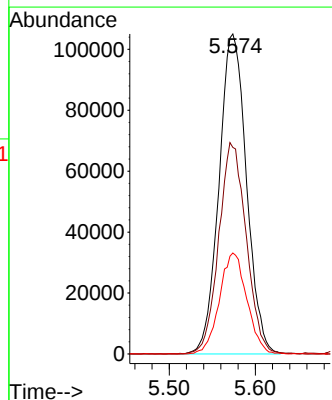
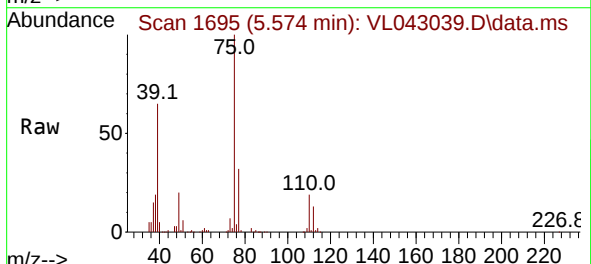
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL100225

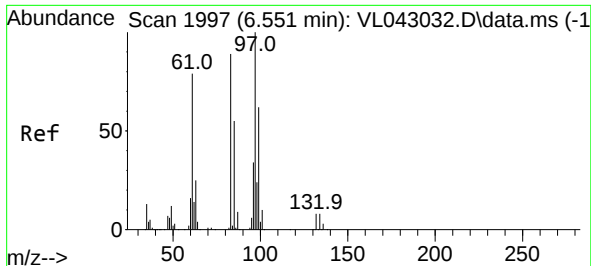
Tgt Ion: 75 Resp: 164370
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.7 37.1



#46
 cis-1,3-Dichloropropene
 Concen: 10.597 ppbv
 RT: 5.574 min Scan# 1695
 Delta R.T. 0.000 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

Tgt Ion: 75 Resp: 232895
 Ion Ratio Lower Upper
 75 100
 39 64.4 53.4 80.0
 77 31.5 25.0 37.4

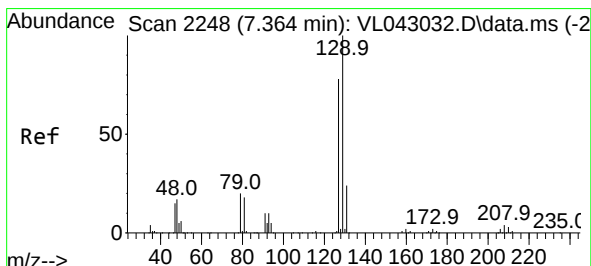
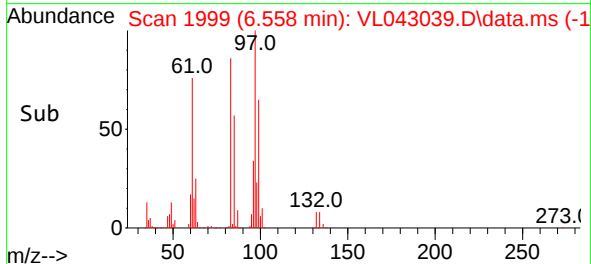
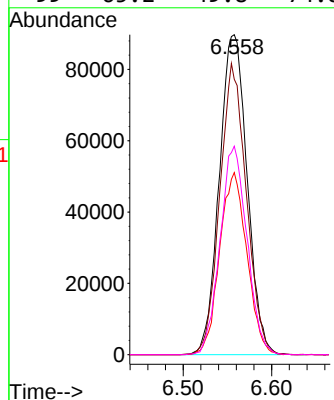
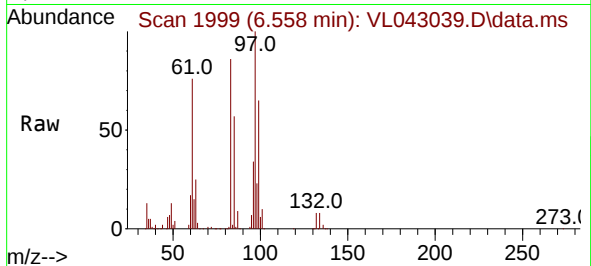




#47
1,1,2-Trichloroethane
Concen: 9.282 ppbv
RT: 6.558 min Scan# 1997
Delta R.T. 0.007 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

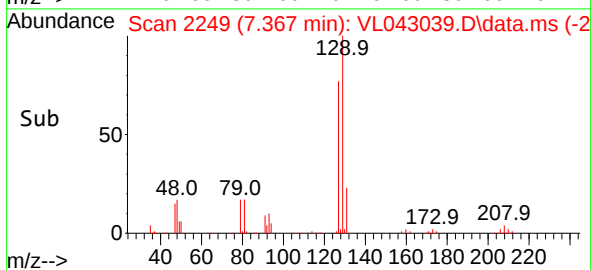
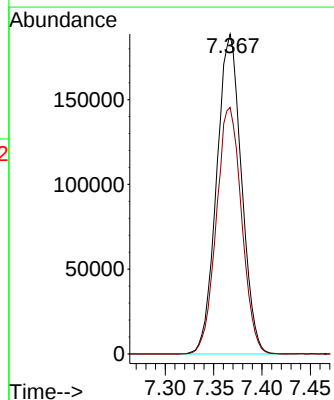
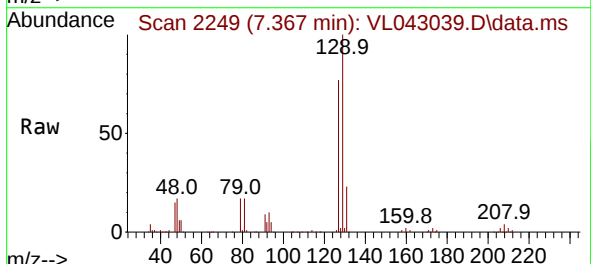
Instrument : MSVOA_L
ClientSampleId : ICVVL100225

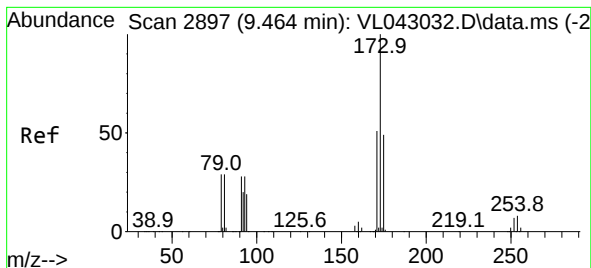
Tgt Ion: 97 Resp: 196496
Ion Ratio Lower Upper
97 100
83 86.1 71.1 106.7
85 56.9 44.3 66.5
99 65.2 49.8 74.8



#48
Dibromochloromethane
Concen: 9.749 ppbv
RT: 7.367 min Scan# 2249
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 129 Resp: 336813
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#49

Bromoform

Concen: 9.557 ppbv

RT: 9.468 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

Instrument :

MSVOA_L

ClientSampleId :

ICVVL100225

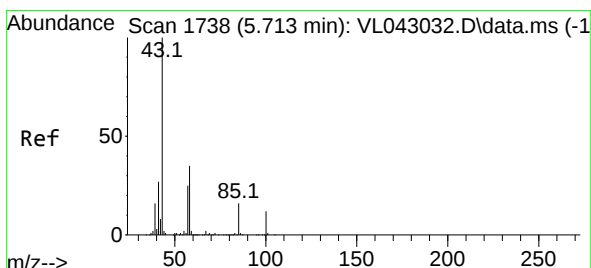
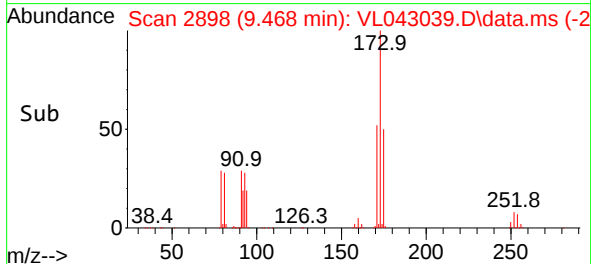
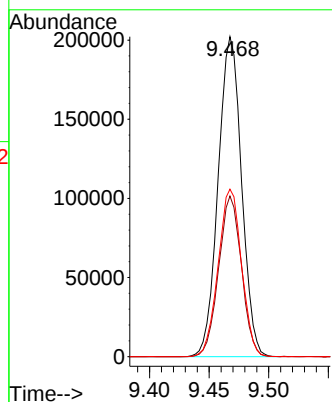
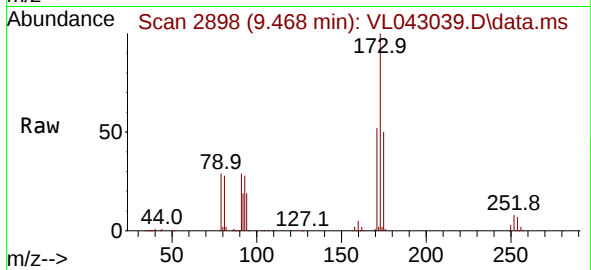
Tgt Ion:173 Resp: 275751

Ion Ratio Lower Upper

173 100

175 48.8 39.1 58.7

171 52.2 41.4 62.2



#50

4-Methyl-2-Pentanone

Concen: 10.896 ppbv

RT: 5.720 min Scan# 1740

Delta R.T. 0.007 min

Lab File: VL043039.D

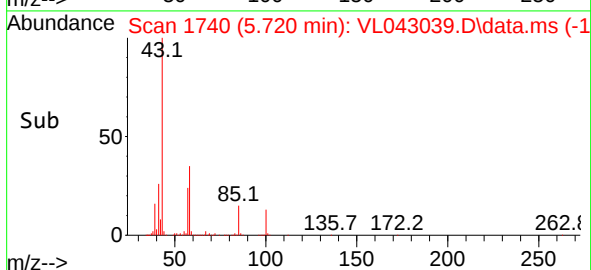
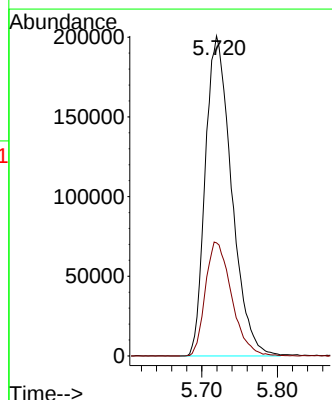
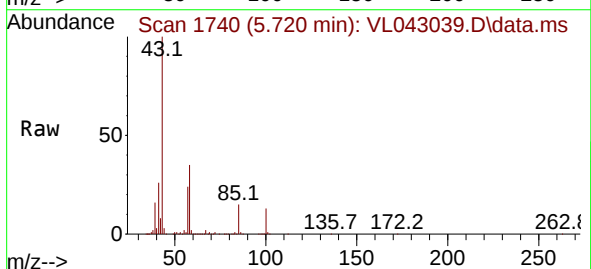
Acq: 02 Oct 2025 14:14

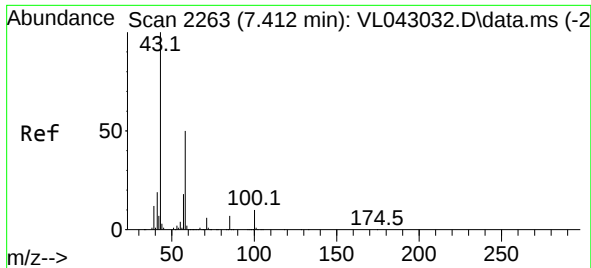
Tgt Ion: 43 Resp: 484498

Ion Ratio Lower Upper

43 100

58 35.6 28.7 43.1

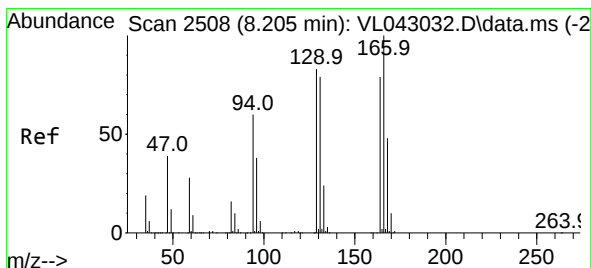
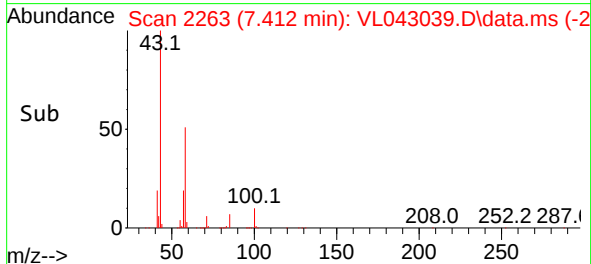
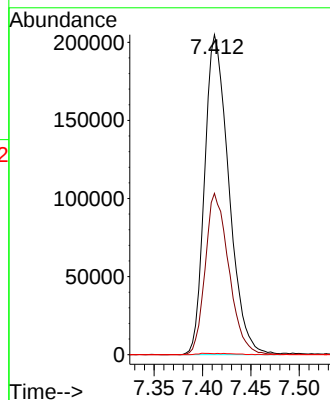
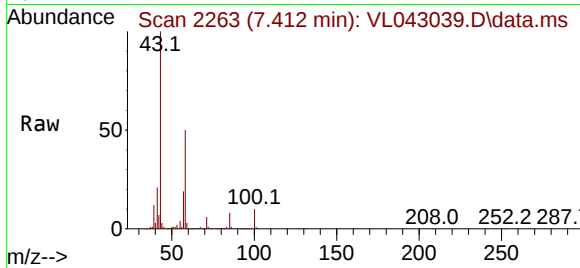




#51
2-Hexanone
Concen: 11.236 ppbv
RT: 7.412 min Scan# 210
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

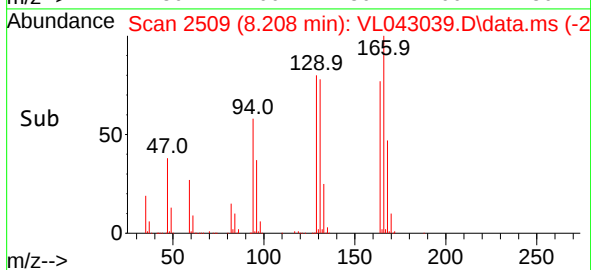
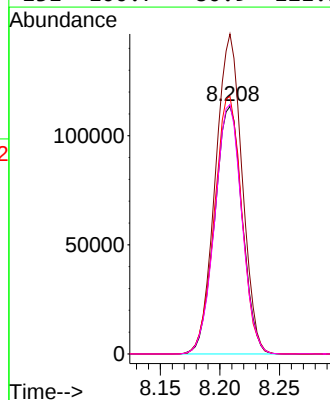
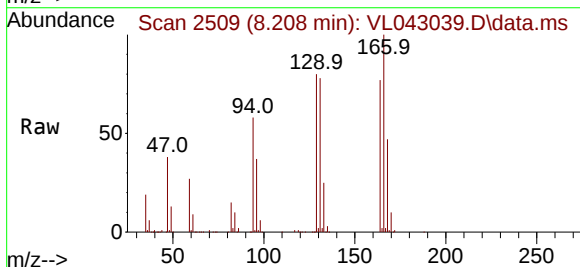
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100225

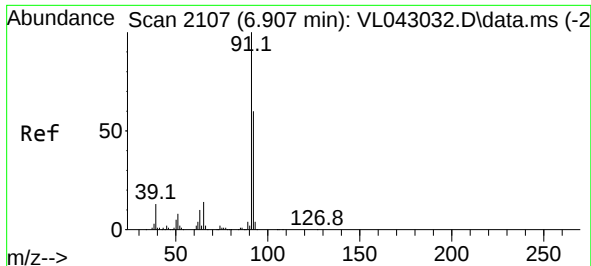
Tgt Ion: 43 Resp: 355624
Ion Ratio Lower Upper
43 100
58 49.5 39.1 58.7
98 0.6 0.5 0.7



#52
Tetrachloroethene
Concen: 9.576 ppbv
RT: 8.208 min Scan# 2509
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 164 Resp: 182062
Ion Ratio Lower Upper
164 100
166 129.2 101.8 152.8
129 104.0 84.5 126.7
131 100.7 80.9 121.3

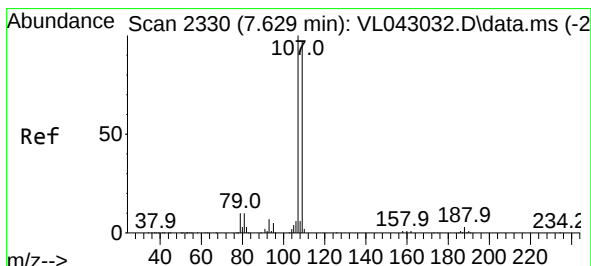
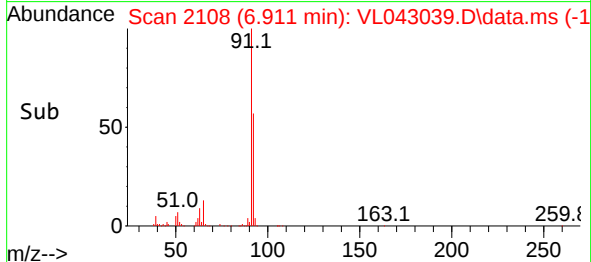
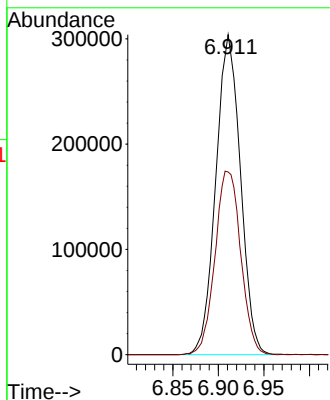
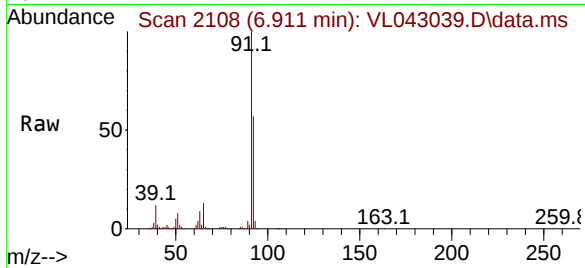




#53
Toluene
Concen: 11.040 ppbv
RT: 6.911 min Scan# 2108
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

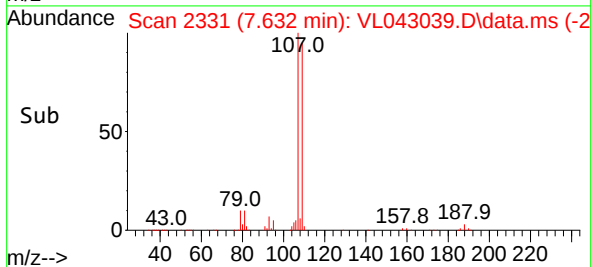
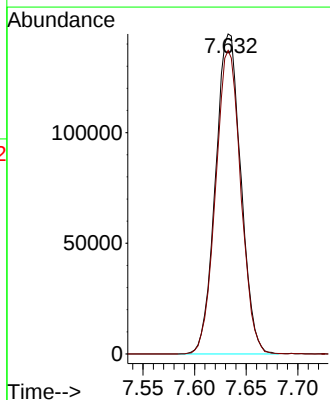
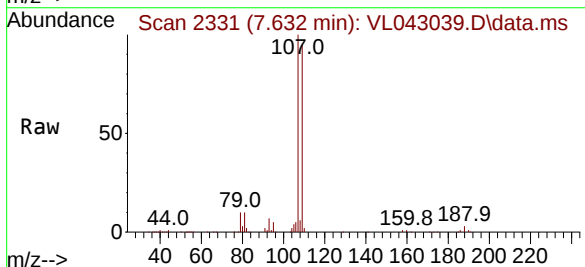
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100225

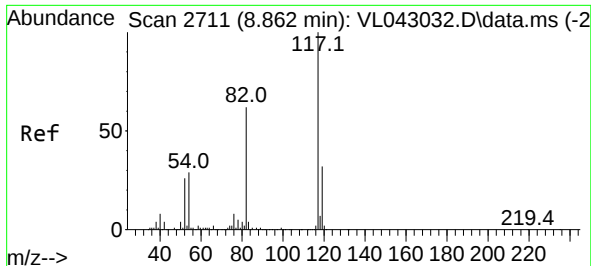
Tgt Ion: 91 Resp: 572257
Ion Ratio Lower Upper
91 100
92 59.8 47.8 71.6



#54
1,2-Dibromoethane
Concen: 9.855 ppbv
RT: 7.632 min Scan# 2331
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 107 Resp: 247276
Ion Ratio Lower Upper
107 100
109 94.9 77.4 116.0

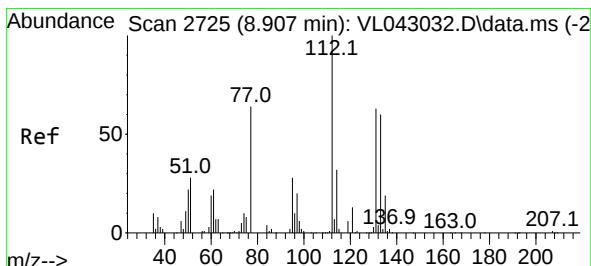
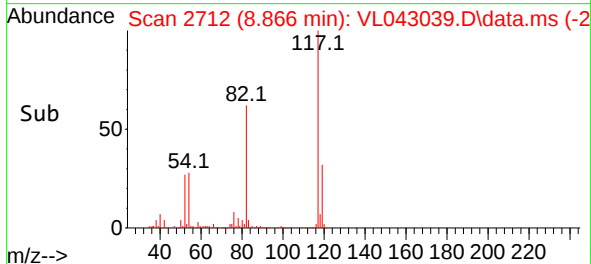
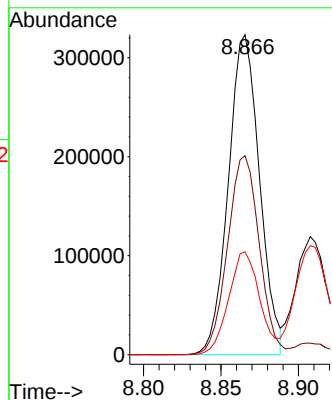
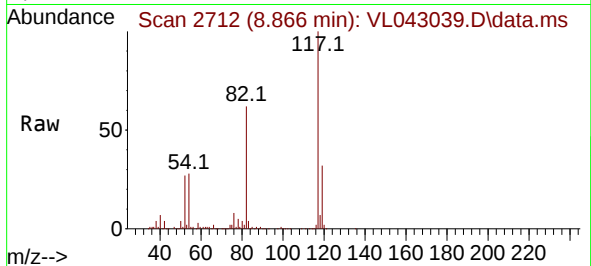




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.866 min Scan# 2711
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

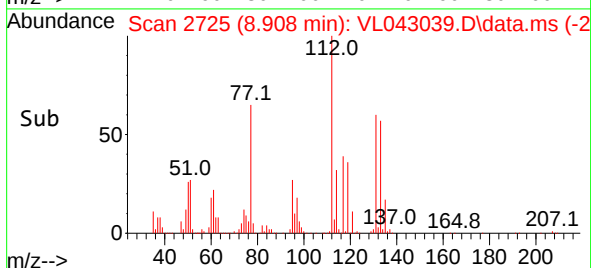
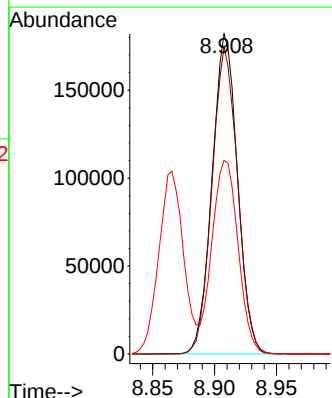
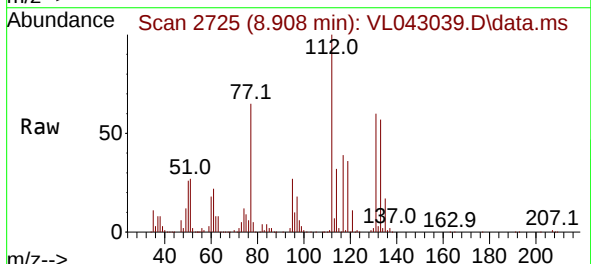
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100225

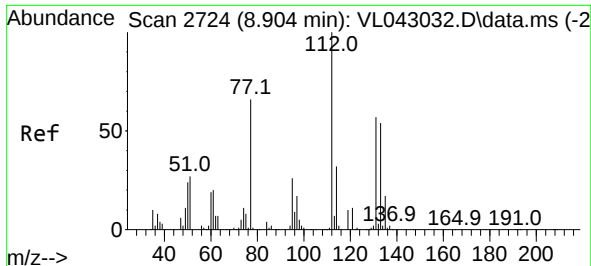
Tgt Ion:117 Resp: 454012
Ion Ratio Lower Upper
117 100
82 67.1 53.0 79.6
119 32.5 25.4 38.2



#56
1,1,1,2-Tetrachloroethane
Concen: 9.390 ppbv
RT: 8.908 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion:131 Resp: 259863
Ion Ratio Lower Upper
131 100
133 96.5 76.2 114.4
119 62.9 49.4 74.2

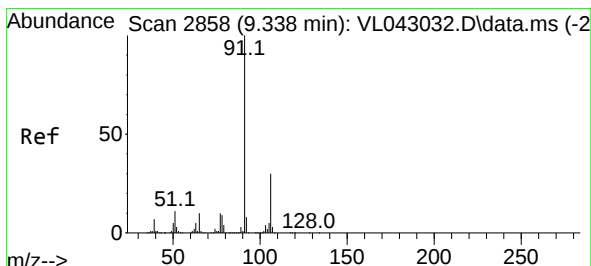
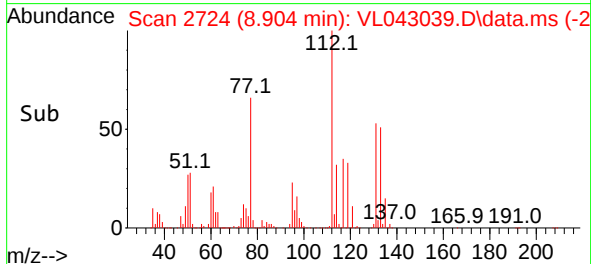
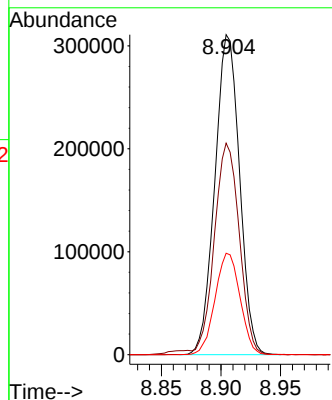
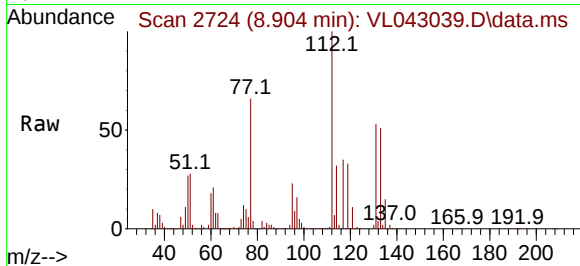




#57
Chlorobenzene
Concen: 9.331 ppbv
RT: 8.904 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

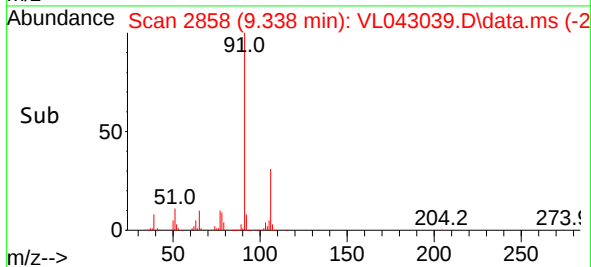
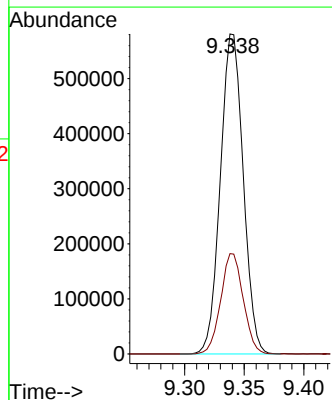
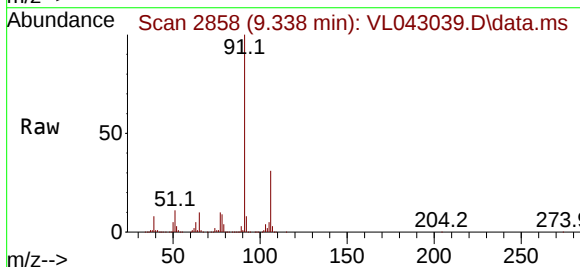
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100225

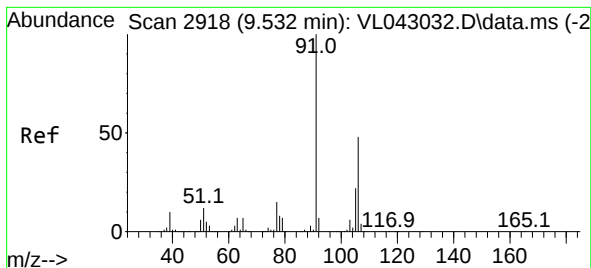
Tgt Ion:112 Resp: 447850
Ion Ratio Lower Upper
112 100
77 66.1 53.2 79.8
114 31.7 28.6 35.0



#58
Ethyl Benzene
Concen: 11.022 ppbv
RT: 9.338 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 91 Resp: 775232
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1





#59

m/p-Xylene

Concen: 10.424 ppbv

RT: 9.535 min Scan# 2918

Delta R.T. 0.003 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

Instrument :

MSVOA_L

ClientSampleId :

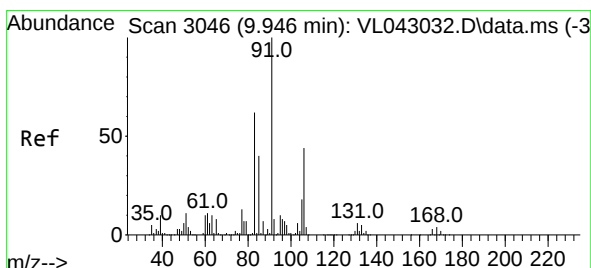
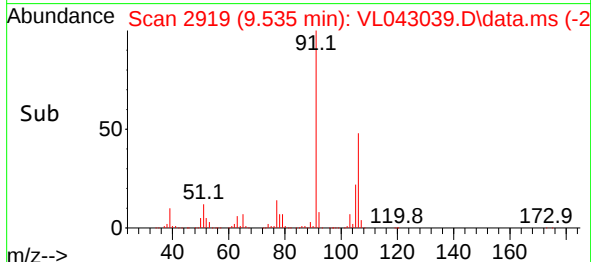
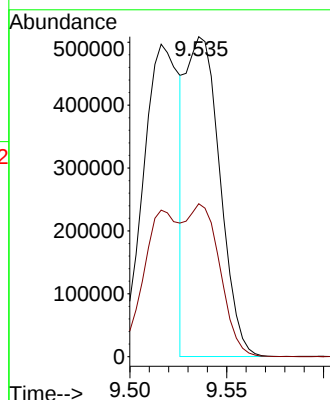
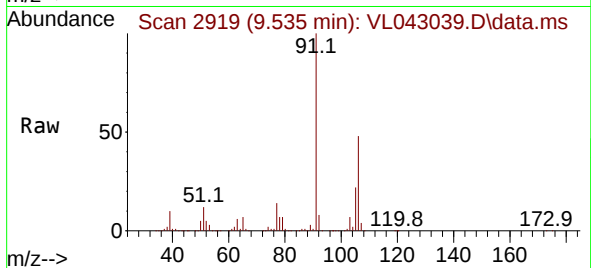
ICVVL100225

Tgt Ion: 91 Resp: 618401

Ion Ratio Lower Upper

91 100

106 96.6 37.5 56.3#



#60

o-Xylene

Concen: 10.635 ppbv

RT: 9.950 min Scan# 3047

Delta R.T. 0.003 min

Lab File: VL043039.D

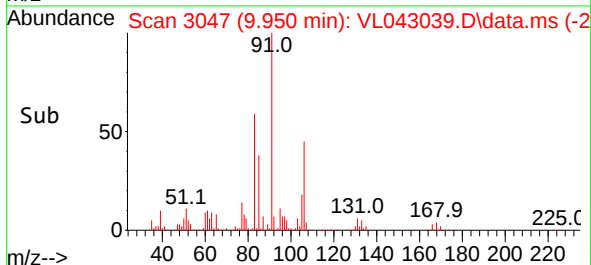
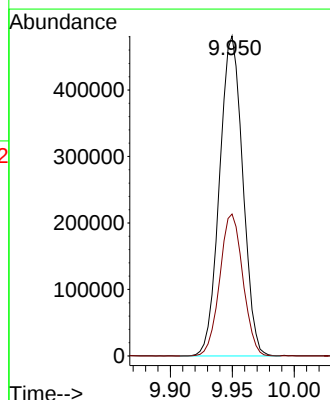
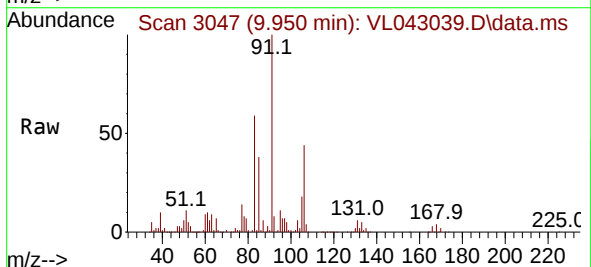
Acq: 02 Oct 2025 14:14

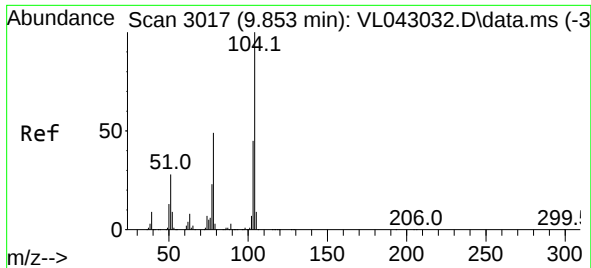
Tgt Ion: 91 Resp: 628486

Ion Ratio Lower Upper

91 100

106 44.2 21.9 65.5





#61

Styrene

Concen: 11.510 ppbv

RT: 9.856 min Scan# 3017

Delta R.T. 0.003 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

Instrument :

MSVOA_L

ClientSampleId :

ICVVL100225

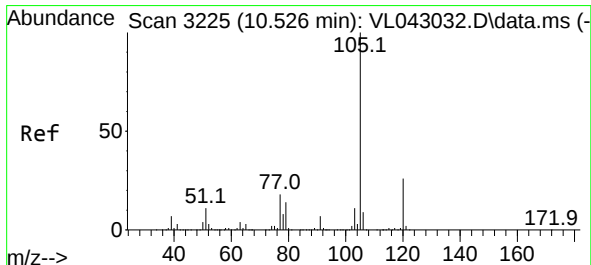
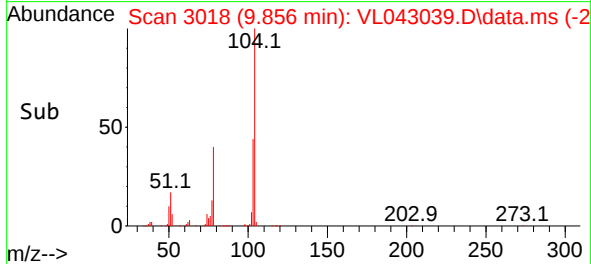
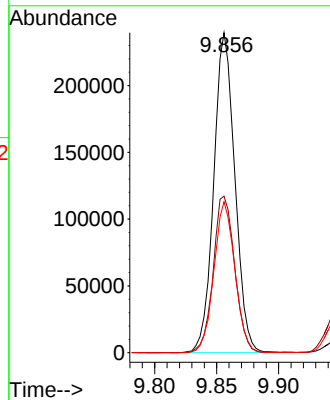
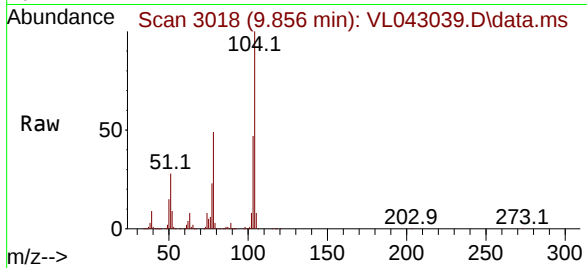
Tgt Ion:104 Resp: 284955

Ion Ratio Lower Upper

104 100

78 49.8 39.7 59.5

103 46.9 37.6 56.4



#62

Isopropylbenzene

Concen: 10.353 ppbv

RT: 10.526 min Scan# 3225

Delta R.T. 0.000 min

Lab File: VL043039.D

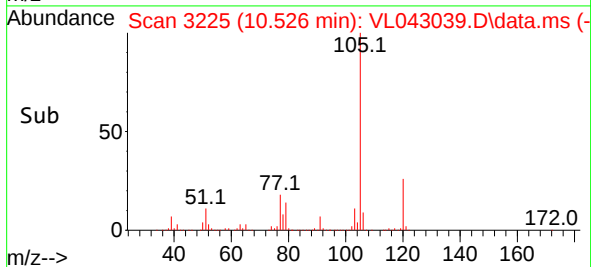
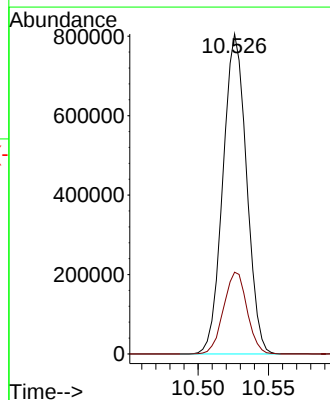
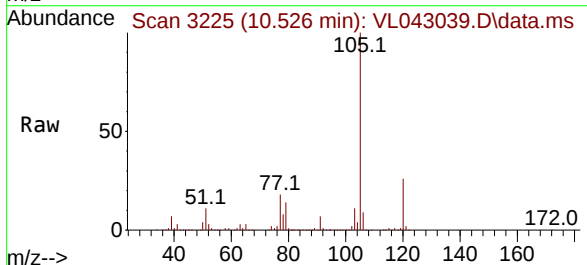
Acq: 02 Oct 2025 14:14

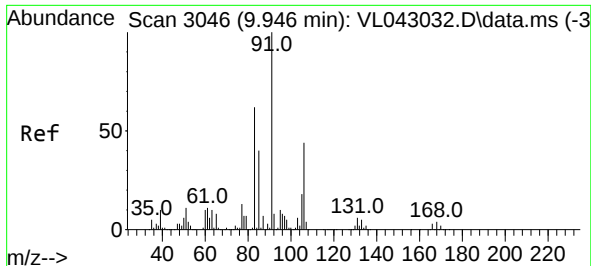
Tgt Ion:105 Resp: 939236

Ion Ratio Lower Upper

105 100

120 25.4 20.6 31.0

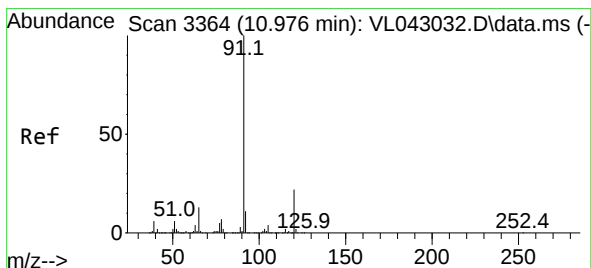
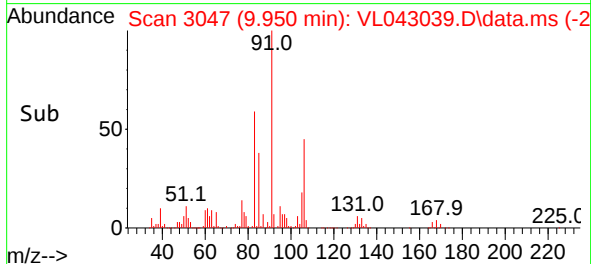
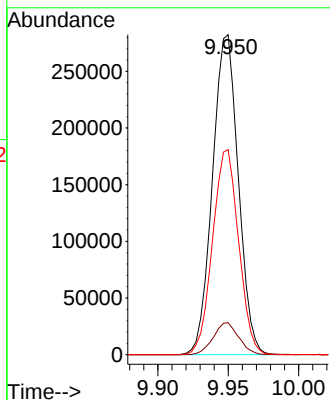
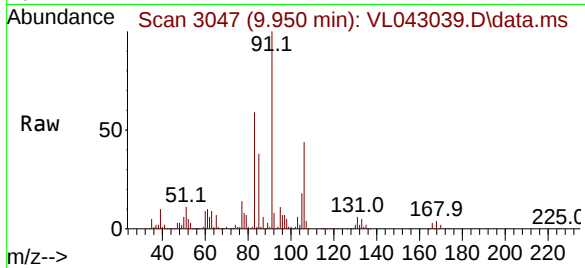




#63
1,1,2,2-Tetrachloroethane
Concen: 8.511 ppbv
RT: 9.950 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

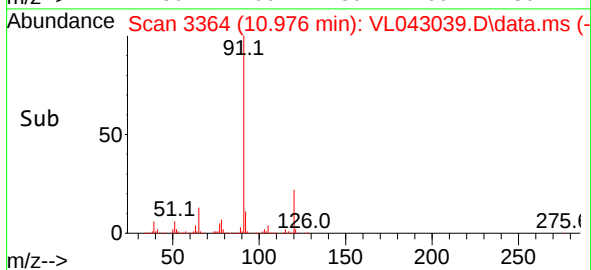
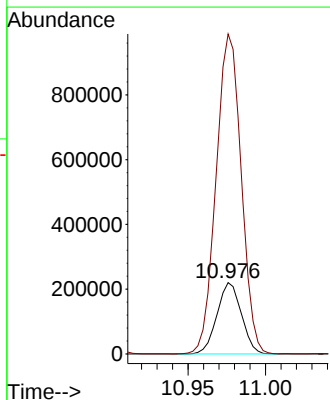
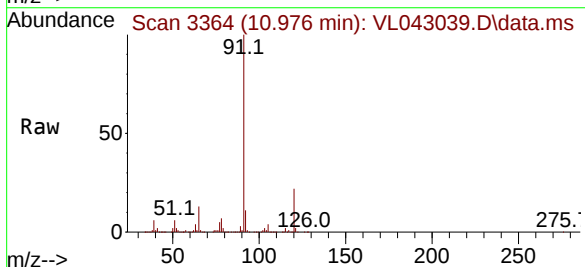
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100225

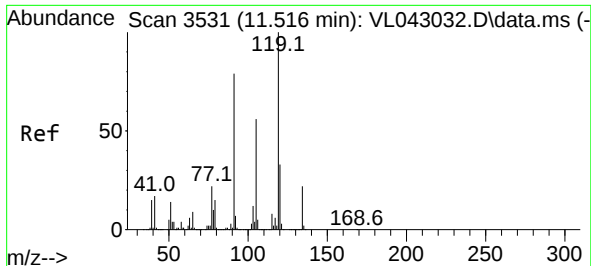
Tgt Ion: 83 Resp: 360837
Ion Ratio Lower Upper
83 100
131 9.9 4.7 14.1
85 64.6 32.0 96.2



#64
n-propylbenzene
Concen: 10.375 ppbv
RT: 10.976 min Scan# 3364
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 120 Resp: 240769
Ion Ratio Lower Upper
120 100
91 464.0 367.0 550.4

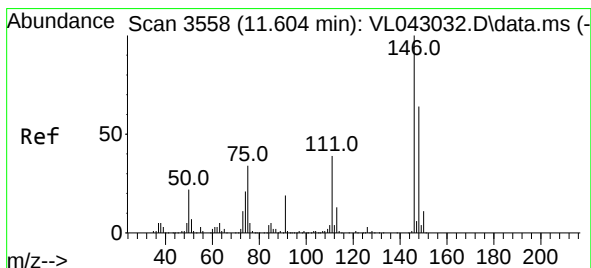
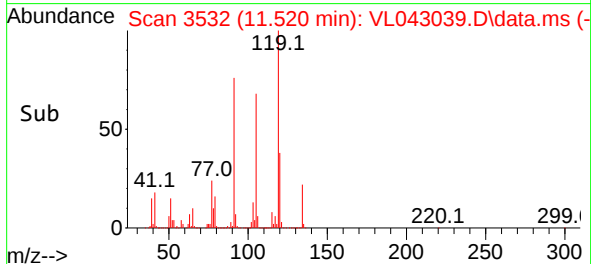
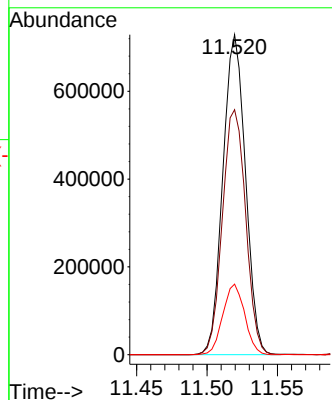
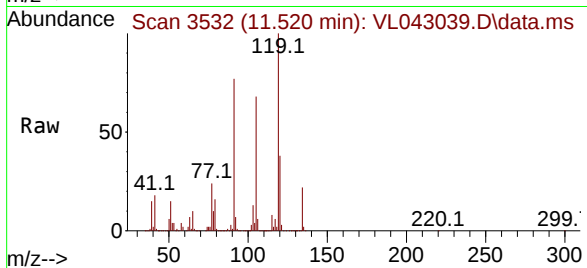




#65
tert-Butylbenzene
Concen: 10.086 ppbv
RT: 11.520 min Scan# 3532
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

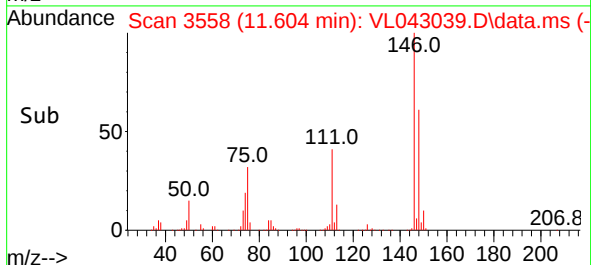
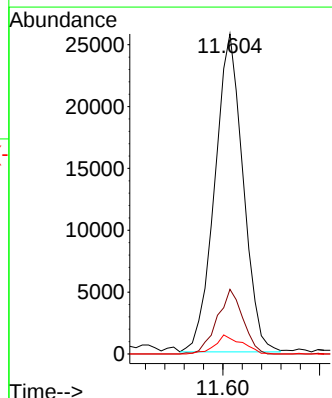
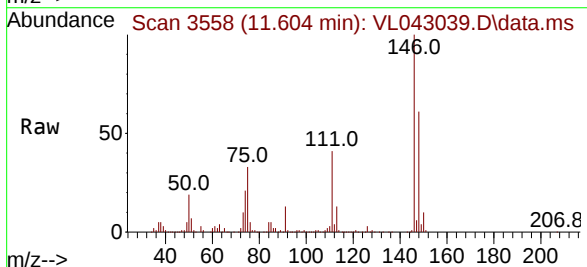
Instrument :
MSVOA_1
ClientSampleId :
ICVVL100225

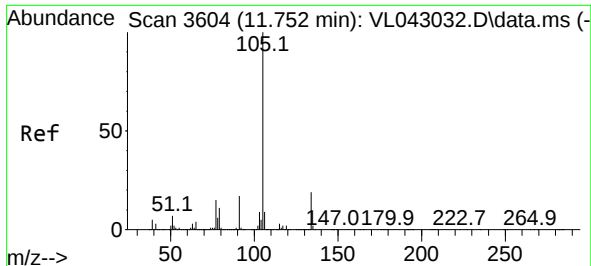
Tgt Ion:119 Resp: 814322
Ion Ratio Lower Upper
119 100
91 78.8 63.1 94.7
134 21.3 16.9 25.3



#66
Benzyl Chloride
Concen: 8.466 ppbv
RT: 11.604 min Scan# 3558
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 91 Resp: 26124
Ion Ratio Lower Upper
91 100
126 18.4 14.2 21.4
128 5.7 4.8 7.2

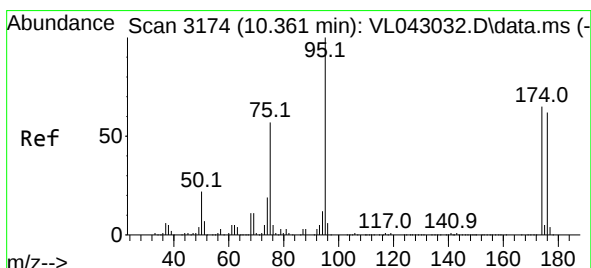
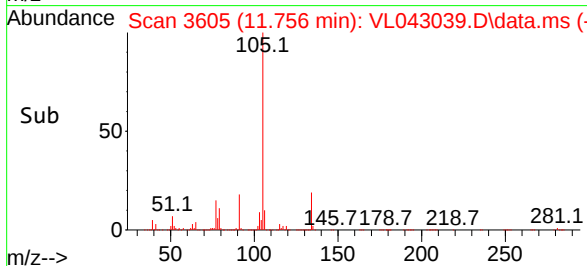
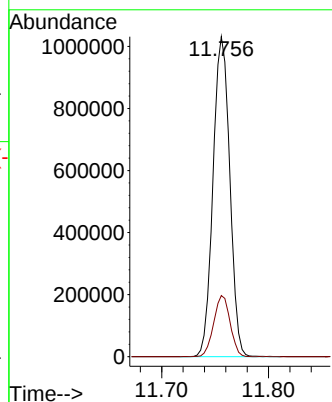
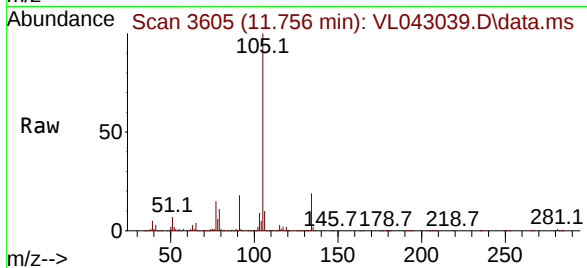




#67
 sec-Butylbenzene
 Concen: 9.965 ppbv
 RT: 11.756 min Scan# 3175
 Delta R.T. 0.003 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

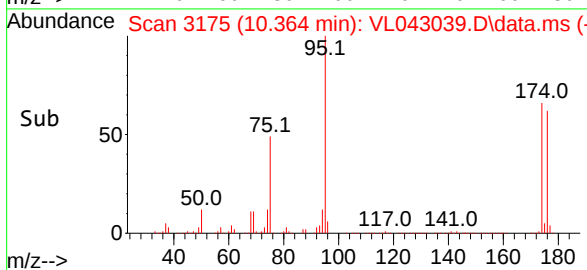
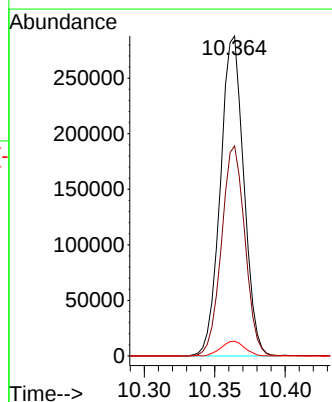
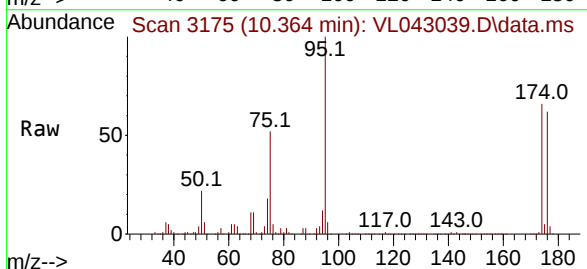
Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL100225

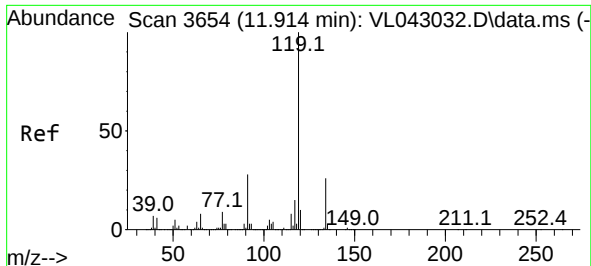
Tgt Ion:105 Resp: 1122743
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.2 22.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.207 ppbv
 RT: 10.364 min Scan# 3175
 Delta R.T. 0.003 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

Tgt Ion: 95 Resp: 333843
 Ion Ratio Lower Upper
 95 100
 174 65.8 52.3 78.5
 175 4.7 3.8 5.8

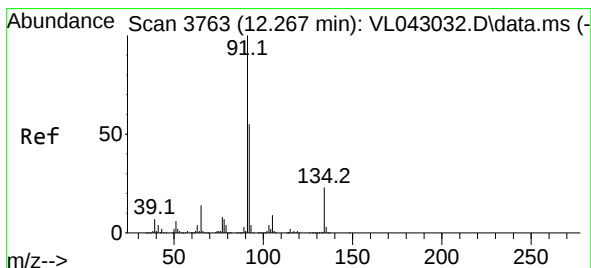
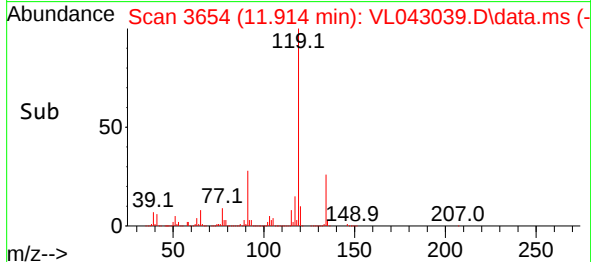
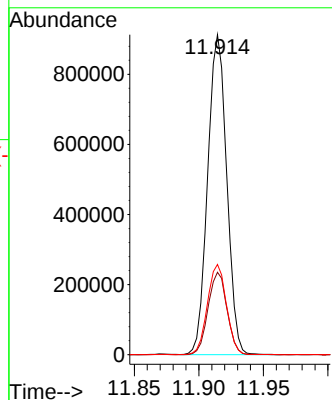
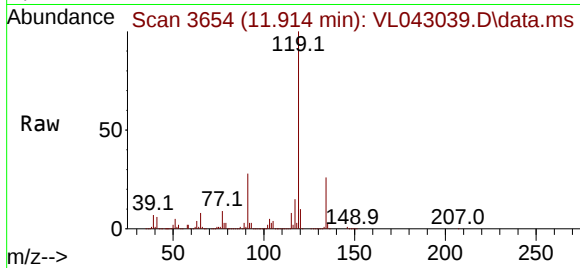




#69
p-Isopropyltoluene
Concen: 10.230 ppbv
RT: 11.914 min Scan# 3654
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

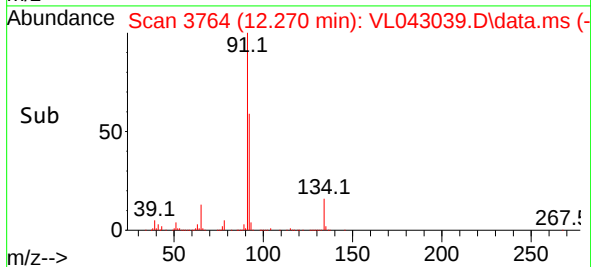
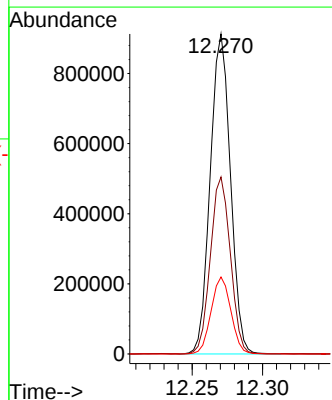
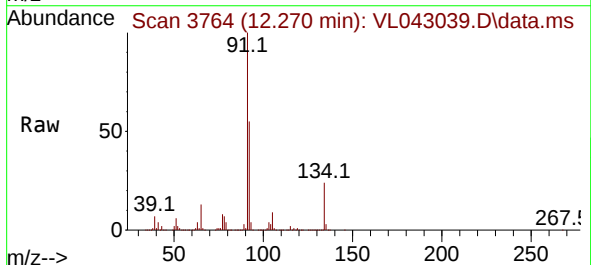
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100225

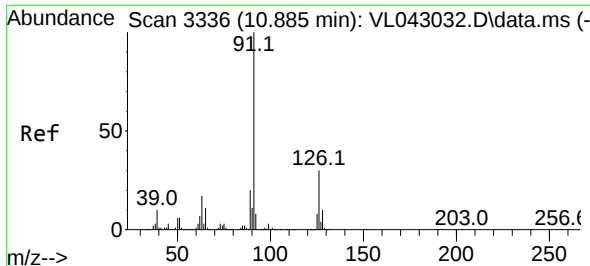
Tgt Ion:119 Resp: 937600
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 28.3 22.6 33.8



#70
n-Butylbenzene
Concen: 10.349 ppbv
RT: 12.270 min Scan# 3764
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 91 Resp: 913299
Ion Ratio Lower Upper
91 100
92 54.8 43.9 65.9
134 23.5 18.9 28.3

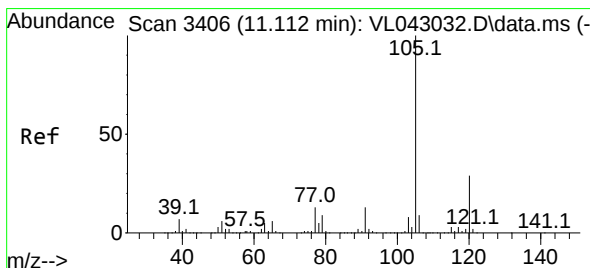
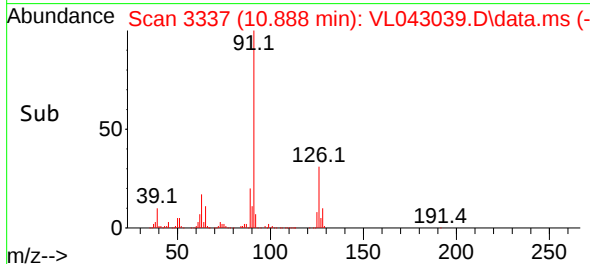
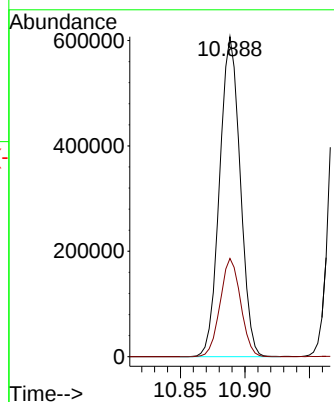
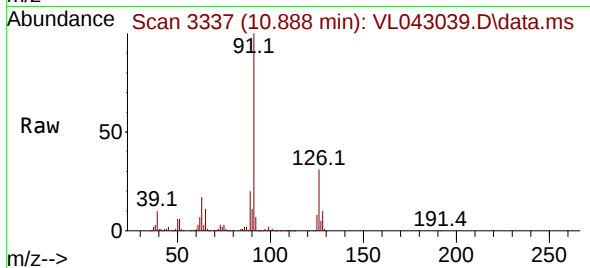




#71
2-Chlorotoluene
Concen: 10.251 ppbv
RT: 10.888 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

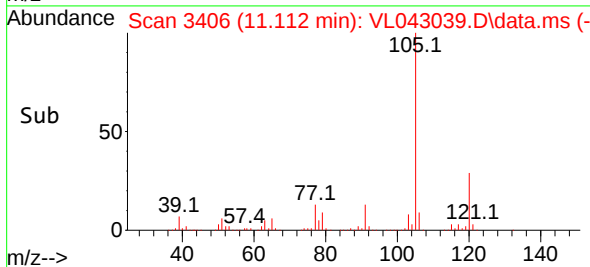
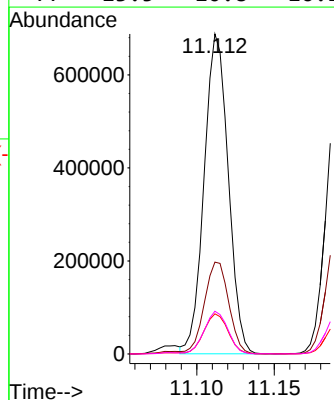
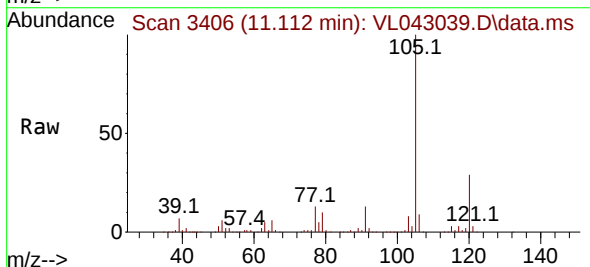
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100225

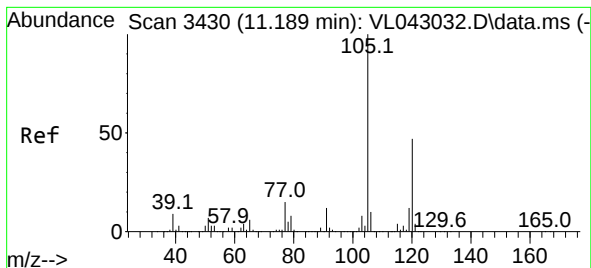
Tgt Ion: 91 Resp: 673074
Ion Ratio Lower Upper
91 100
126 30.5 12.2 48.6



#72
4-Ethyltoluene
Concen: 10.579 ppbv
RT: 11.112 min Scan# 3406
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion: 105 Resp: 744145
Ion Ratio Lower Upper
105 100
120 29.8 23.5 35.3
91 13.1 10.4 15.6
77 13.5 10.8 16.2





#73

1,3,5-Trimethylbenzene

Concen: 10.212 ppbv

RT: 11.193 min Scan# 3431

Delta R.T. 0.003 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

Instrument :

MSVOA_L

ClientSampleId :

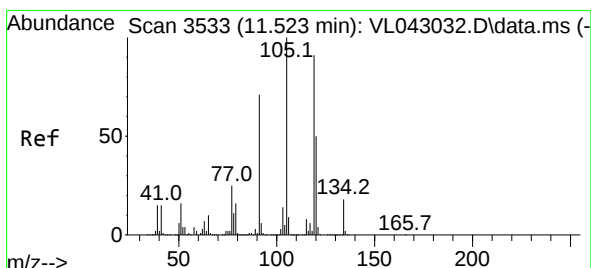
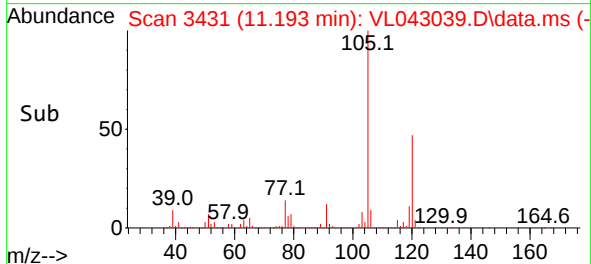
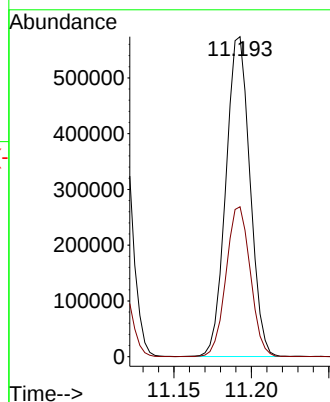
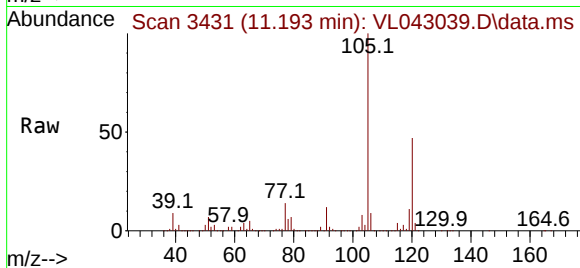
ICVVL100225

Tgt Ion:105 Resp: 621377

Ion Ratio Lower Upper

105 100

120 46.8 37.5 56.3



#74

1,2,4-Trimethylbenzene

Concen: 9.971 ppbv

RT: 11.526 min Scan# 3534

Delta R.T. 0.003 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

Tgt Ion:105 Resp: 684740

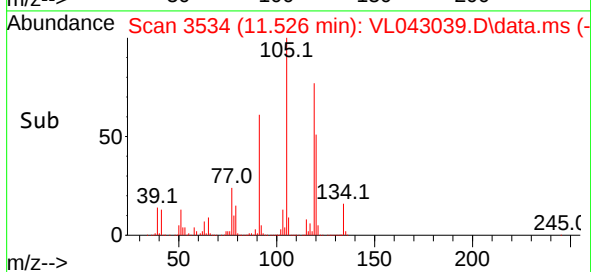
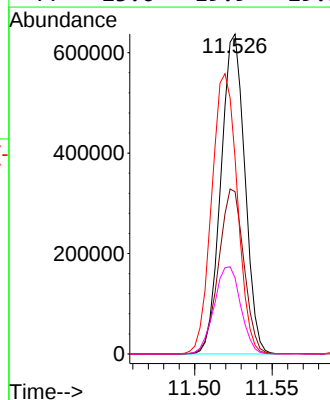
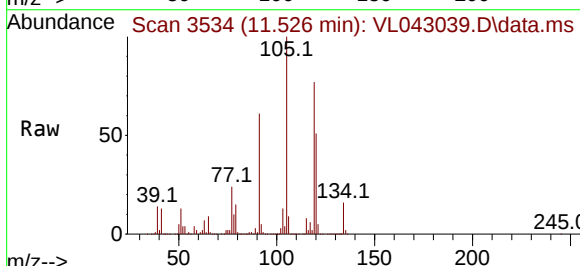
Ion Ratio Lower Upper

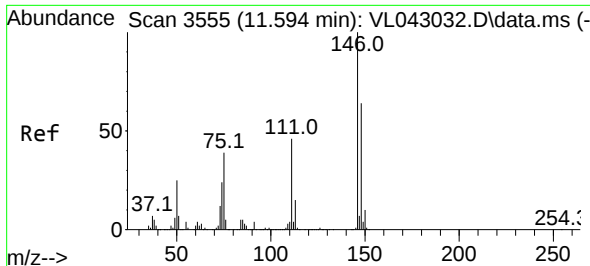
105 100

120 50.7 39.7 59.5

91 61.2 56.5 84.7

77 23.6 19.9 29.9

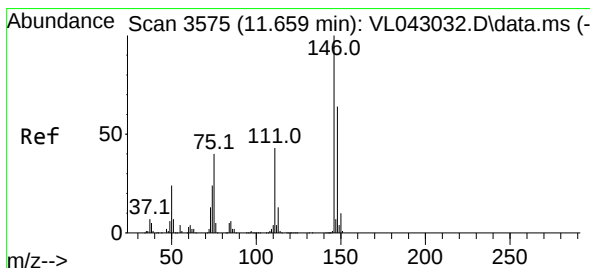
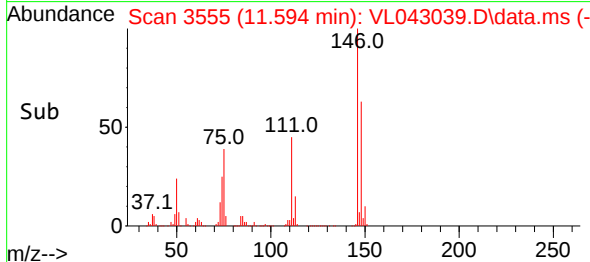
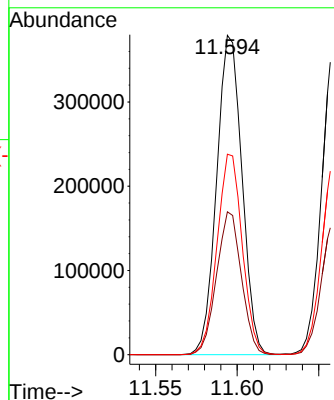
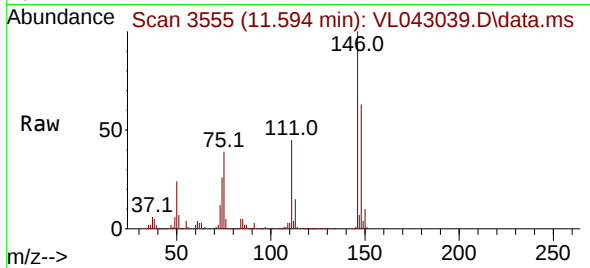




#75
1,3-Dichlorobenzene
Concen: 9.161 ppbv
RT: 11.594 min Scan# 3555
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

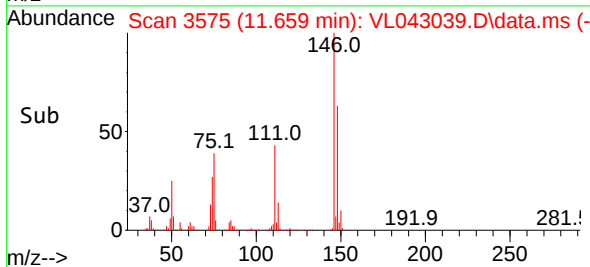
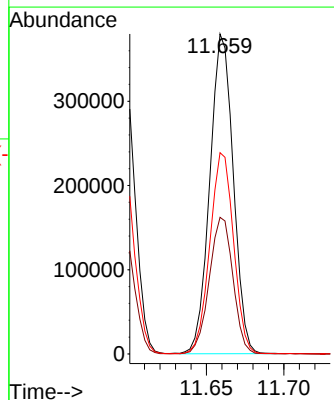
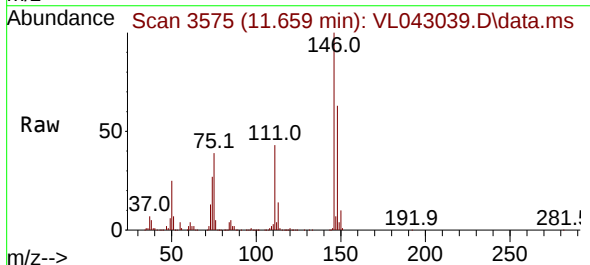
Instrument :
MSVOA_1
ClientSampleId :
ICVVL100225

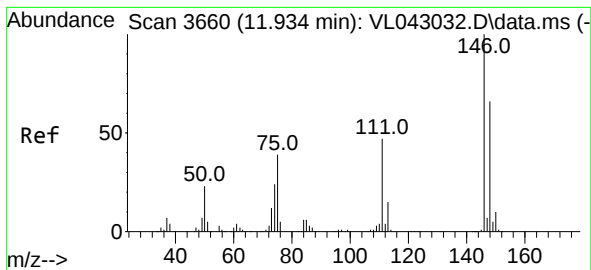
Tgt Ion:146 Resp: 409217
Ion Ratio Lower Upper
146 100
111 44.0 22.6 67.7
148 62.5 31.9 95.7



#76
1,4-Dichlorobenzene
Concen: 9.368 ppbv
RT: 11.659 min Scan# 3575
Delta R.T. 0.000 min
Lab File: VL043039.D
Acq: 02 Oct 2025 14:14

Tgt Ion:146 Resp: 398965
Ion Ratio Lower Upper
146 100
111 43.3 21.7 65.1
148 64.0 32.1 96.3





#77

1,2-Dichlorobenzene

Concen: 8.636 ppbv

RT: 11.934 min Scan# 3660

Delta R.T. 0.000 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

Instrument :

MSVOA_L

ClientSampleId :

ICVVL100225

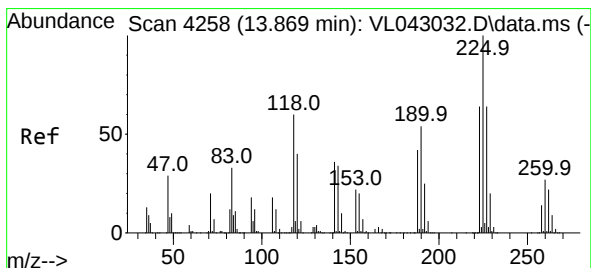
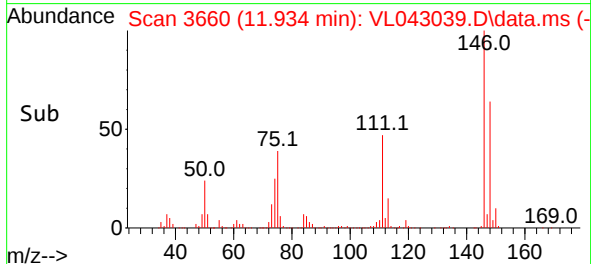
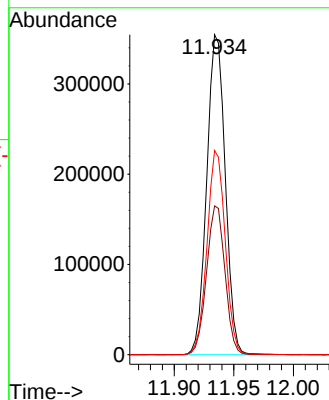
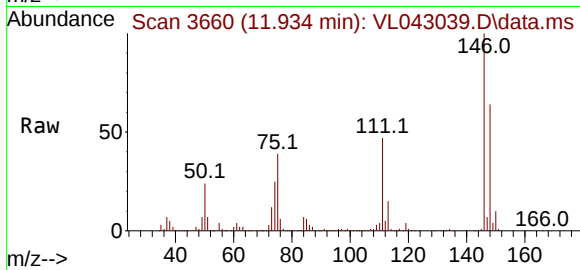
Tgt Ion:146 Resp: 384233

Ion Ratio Lower Upper

146 100

111 46.4 23.2 69.5

148 63.0 31.9 95.7



#78

Hexachloro-1,3-Butadiene

Concen: 9.340 ppbv

RT: 13.869 min Scan# 4258

Delta R.T. 0.000 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

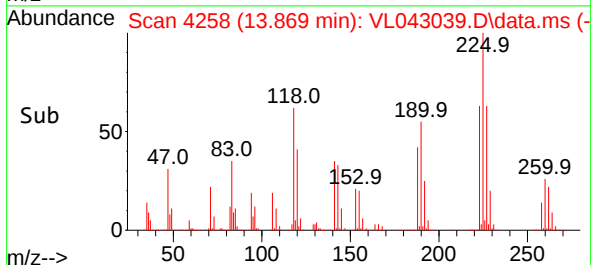
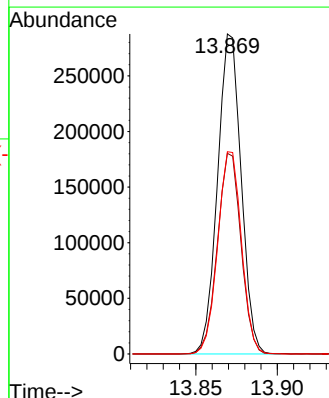
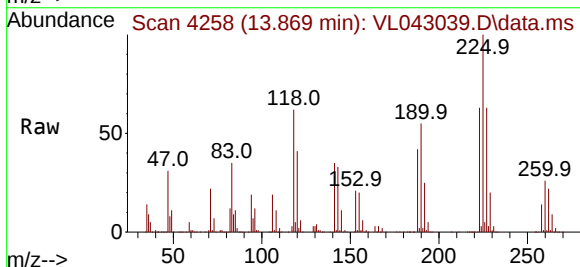
Tgt Ion:225 Resp: 289545

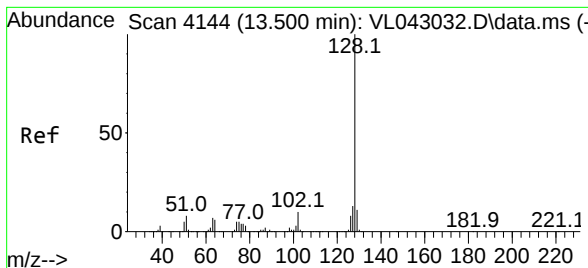
Ion Ratio Lower Upper

225 100

223 62.6 50.9 76.3

227 63.4 50.9 76.3





#79

Naphthalene

Concen: 9.523 ppbv

RT: 13.500 min Scan# 4144

Delta R.T. 0.000 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

Instrument :

MSVOA_L

ClientSampleId :

ICVVL100225

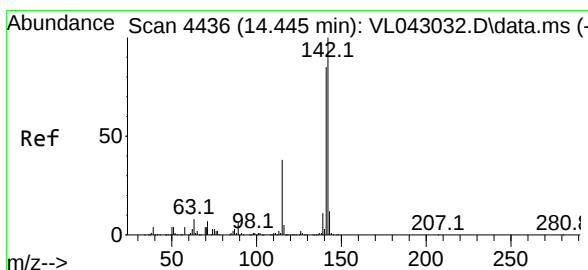
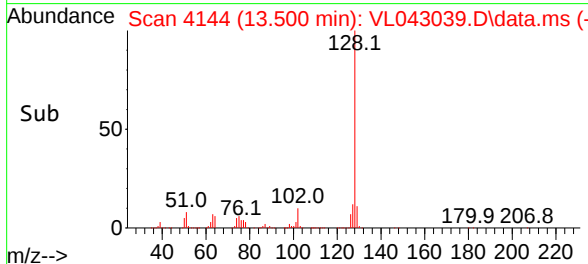
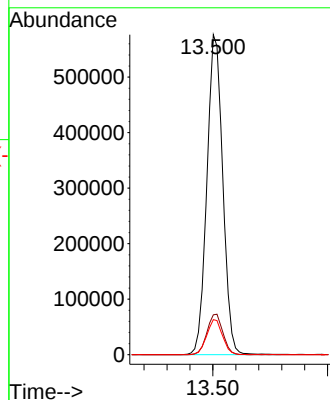
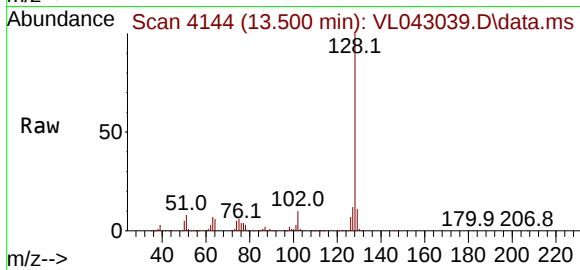
Tgt Ion:128 Resp: 552627

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.9 8.8 13.2



#80

Naphthalene,2-methyl-

Concen: 8.323 ppbv

RT: 14.445 min Scan# 4436

Delta R.T. 0.000 min

Lab File: VL043039.D

Acq: 02 Oct 2025 14:14

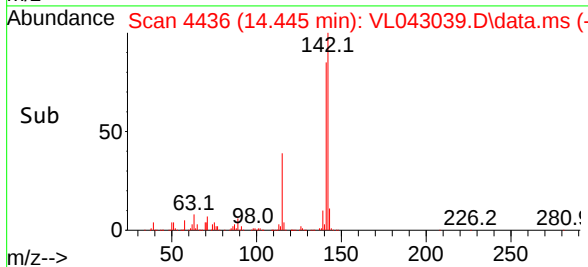
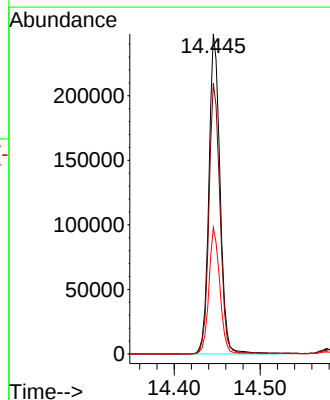
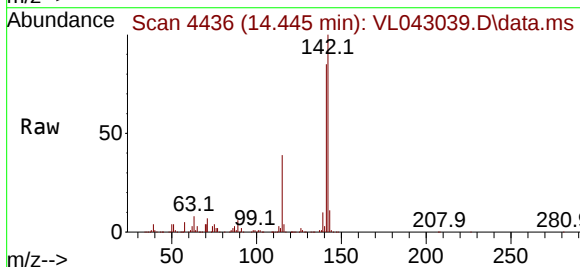
Tgt Ion:142 Resp: 223063

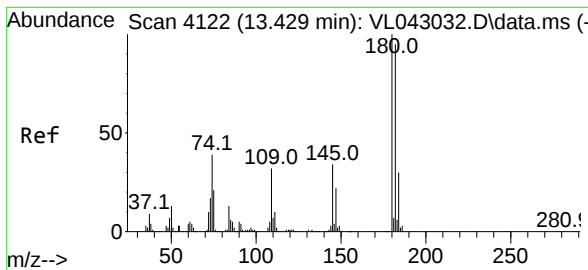
Ion Ratio Lower Upper

142 100

141 84.8 66.6 100.0

115 39.1 30.1 45.1





#81
 1,2,4-Trichlorobenzene
 Concen: 11.990 ppbv
 RT: 13.429 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL043039.D
 Acq: 02 Oct 2025 14:14

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL100225

Tgt Ion:	180	Resp:	317372
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.9	115.3
184	30.1	23.9	35.9

