

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
 Data File : VV039245.D
 Acq On : 03 Oct 2025 13:07
 Operator : SY/MD
 Sample : VV1003WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1003WBS01

Quant Time: Oct 04 01:08:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	559480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	866328	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	845304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	506399	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	337839	41.722	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	83.440%
35) Dibromofluoromethane	4.500	113	345571	49.618	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	99.240%
50) Toluene-d8	7.236	98	936652	45.791	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	91.580%
62) 4-Bromofluorobenzene	9.998	95	449945	53.433	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	106.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	147312	16.633	ug/l	99
3) Chloromethane	1.230	50	159153	16.739	ug/l	98
4) Vinyl Chloride	1.297	62	178439	17.531	ug/l	100
5) Bromomethane	1.500	94	120645	18.802	ug/l	100
6) Chloroethane	1.561	64	116472	18.144	ug/l	97
7) Trichlorofluoromethane	1.725	101	280975	19.066	ug/l	100
8) Diethyl Ether	1.918	74	101959	18.637	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.082	101	169365	19.315	ug/l	96
10) Methyl Iodide	2.198	142	183933	22.028	ug/l	99
11) Tert butyl alcohol	2.564	59	154118	90.054	ug/l	96
12) 1,1-Dichloroethene	2.082	96	158669	18.810	ug/l	94
13) Acrolein	2.011	56	15337	51.646	ug/l	93
14) Allyl chloride	2.359	41	264501	17.554	ug/l	98
15) Acrylonitrile	2.674	53	487507	88.861	ug/l	99
16) Acetone	2.117	43	488555	91.016	ug/l	97
17) Carbon Disulfide	2.252	76	413185	16.016	ug/l	99
18) Methyl Acetate	2.381	43	253442	21.125	ug/l	96
19) Methyl tert-butyl Ether	2.709	73	532207	19.799	ug/l	99
20) Methylene Chloride	2.455	84	188042	19.948	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	166888	18.584	ug/l	98
22) Diisopropyl ether	3.214	45	522821	18.135	ug/l	82
23) Vinyl Acetate	3.188	43	2220327	88.039	ug/l	97
24) 1,1-Dichloroethane	3.117	63	320962	18.205	ug/l	98
25) 2-Butanone	3.867	43	577685	89.093	ug/l	98
26) 2,2-Dichloropropane	3.812	77	274205	17.541	ug/l	100
27) cis-1,2-Dichloroethene	3.821	96	190466	19.231	ug/l	95
28) Bromochloromethane	4.146	49	150145	19.291	ug/l	90
29) Tetrahydrofuran	4.236	42	347741	85.681	ug/l	96
30) Chloroform	4.278	83	333971	18.141	ug/l	98
31) Cyclohexane	4.584	56	237069	16.415	ug/l	96
32) 1,1,1-Trichloroethane	4.510	97	289772	18.181	ug/l	97
36) 1,1-Dichloropropene	4.744	75	198893	18.889	ug/l	98
37) Ethyl Acetate	3.982	43	217952	17.058	ug/l #	88
38) Carbon Tetrachloride	4.731	117	247222	19.211	ug/l	99
39) Methylcyclohexane	6.046	83	217981	17.142	ug/l	95
40) Benzene	5.008	78	664341	19.375	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	93853	17.536	ug/l	91
42) 1,2-Dichloroethane	5.040	62	226266	18.833	ug/l	97
43) Isopropyl Acetate	5.194	43	331315	19.018	ug/l	98
44) Trichloroethene	5.831	130	164874	20.838	ug/l	98
45) 1,2-Dichloropropane	6.088	63	169707	19.912	ug/l	93
46) Dibromomethane	6.227	93	128921	19.764	ug/l	94
47) Bromodichloromethane	6.426	83	260291	19.302	ug/l	99
48) Methyl methacrylate	6.301	41	143613	18.186	ug/l	95
49) 1,4-Dioxane	6.294	88	48393	379.726	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	1148145	100.178	ug/l	99
52) Toluene	7.307	92	415826	20.916	ug/l	98
53) t-1,3-Dichloropropene	7.574	75	247740	21.080	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	271589	20.933	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	178056	19.974	ug/l	96
56) Ethyl methacrylate	7.715	69	217780	20.572	ug/l	95
57) 1,3-Dichloropropane	7.934	76	287981	20.470	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.812	63	475072	86.041	ug/l	96
59) 2-Hexanone	8.062	43	835938	91.844	ug/l	99
60) Dibromochloromethane	8.169	129	210459	20.720	ug/l	98
61) 1,2-Dibromoethane	8.275	107	187426	20.559	ug/l	99
64) Tetrachloroethene	7.895	164	143810	20.312	ug/l	98
65) Chlorobenzene	8.805	112	476325	20.230	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.898	131	172386	20.263	ug/l	99
67) Ethyl Benzene	8.937	91	720606	20.218	ug/l	98
68) m/p-Xylenes	9.062	106	592787	43.093	ug/l	99
69) o-Xylene	9.468	106	261997	21.510	ug/l	97
70) Styrene	9.487	104	486013	19.731	ug/l	99
71) Bromoform	9.654	173	142741	21.480	ug/l #	99
73) Isopropylbenzene	9.853	105	730232	19.881	ug/l	100
74) N-amyl acetate	9.725	43	277738	18.957	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.165	83	292188	18.156	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	208818	18.111	ug/l	97
77) Bromobenzene	10.140	156	197841	20.761	ug/l	94
78) n-propylbenzene	10.278	91	870650	19.466	ug/l	98
79) 2-Chlorotoluene	10.345	91	552648	20.649	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	623906	20.437	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	91130	18.975	ug/l	98
82) 4-Chlorotoluene	10.461	91	637564	20.544	ug/l	98
83) tert-Butylbenzene	10.789	119	586432	19.264	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	608680	20.537	ug/l	97
85) sec-Butylbenzene	11.011	105	764641	18.937	ug/l	99
86) p-Isopropyltoluene	11.165	119	646503	19.237	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	388162	20.127	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	408220	19.293	ug/l	100
89) n-Butylbenzene	11.580	91	586984	18.289	ug/l	99
90) Hexachloroethane	11.818	117	137547	16.621	ug/l	95
91) 1,2-Dichlorobenzene	11.567	146	355232	19.715	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	58842	20.532	ug/l	99
93) 1,2,4-Trichlorobenzene	13.184	180	208698	20.205	ug/l	99
94) Hexachlorobutadiene	13.368	225	90851	16.928	ug/l	99
95) Naphthalene	13.426	128	654167	19.595	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	209698	19.850	ug/l	99

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QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

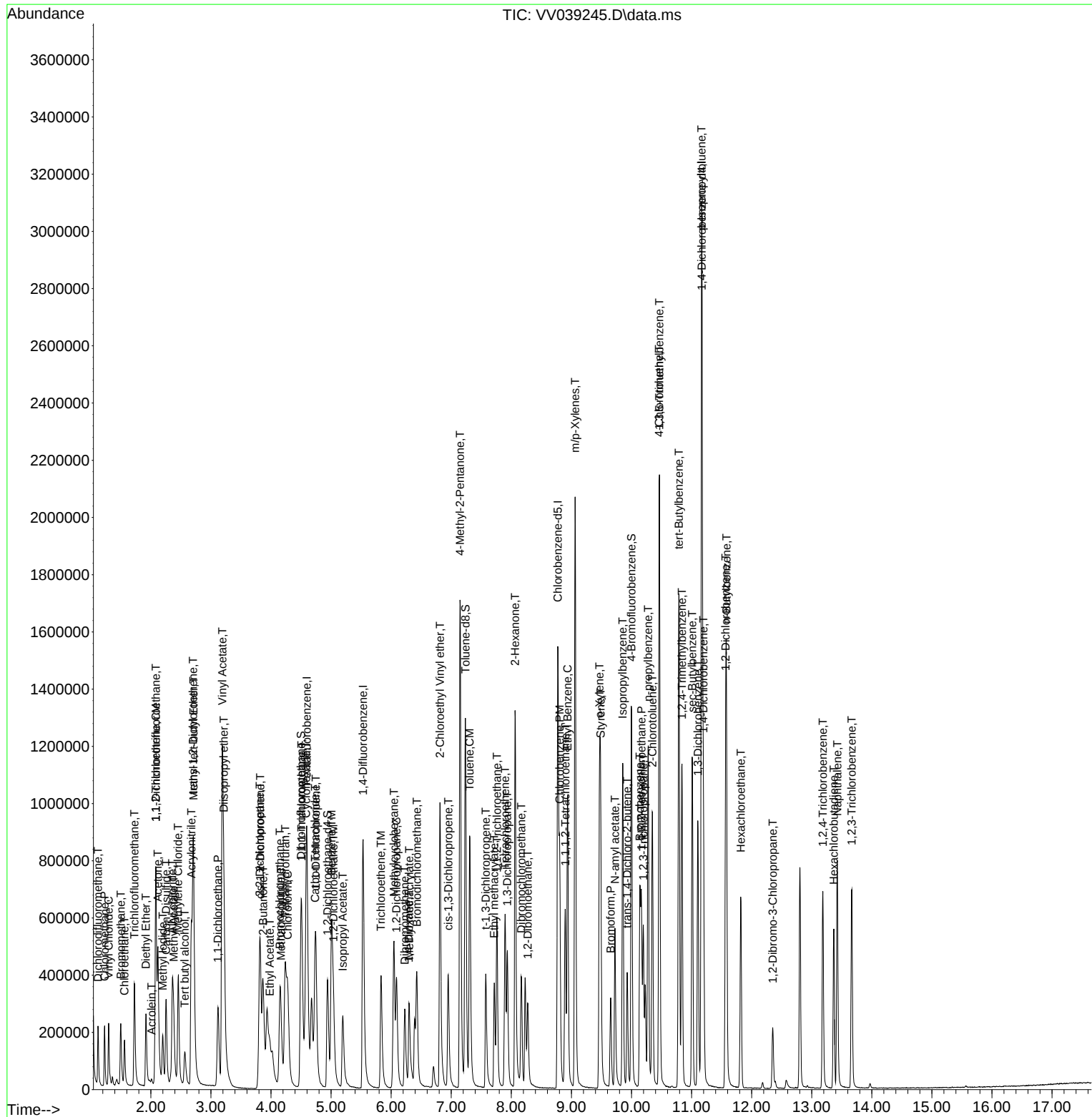
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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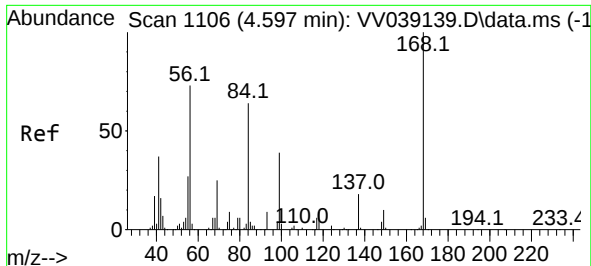
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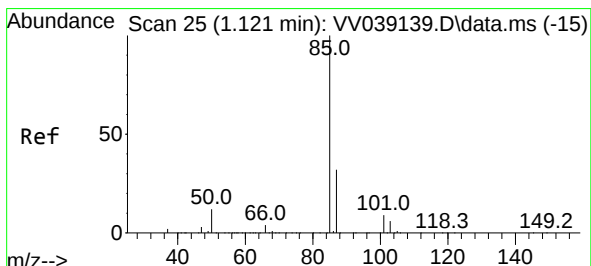
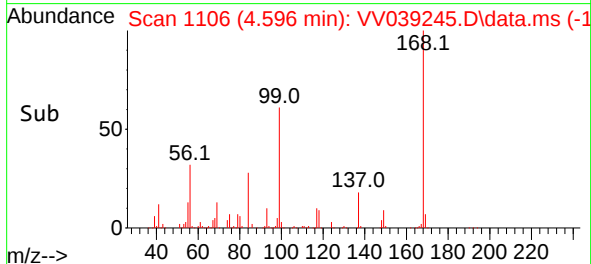
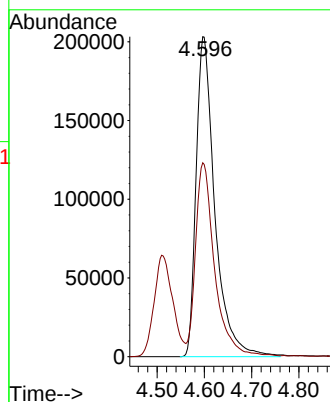
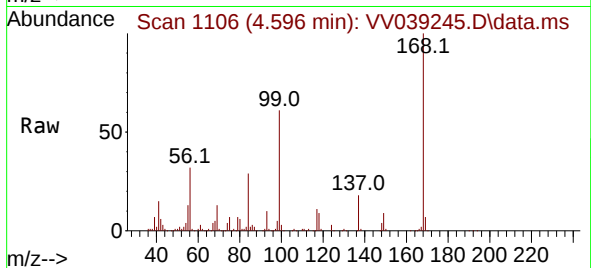




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.001 min
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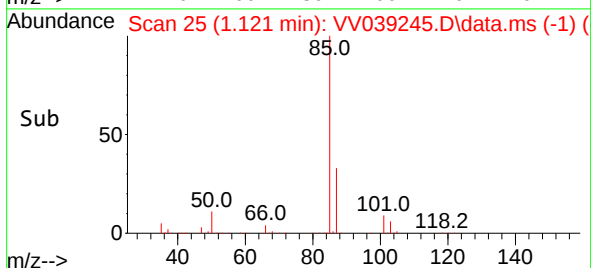
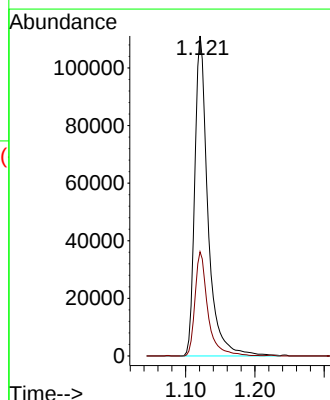
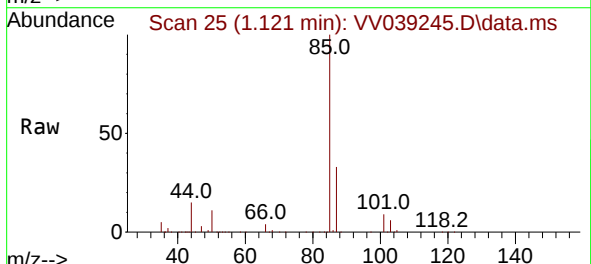
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Tgt Ion:168 Resp: 559480
Ion Ratio Lower Upper
168 100
99 60.3 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 16.633 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 85 Resp: 147312
Ion Ratio Lower Upper
85 100
87 32.6 16.0 47.9

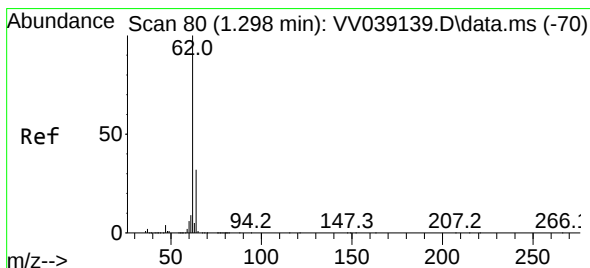
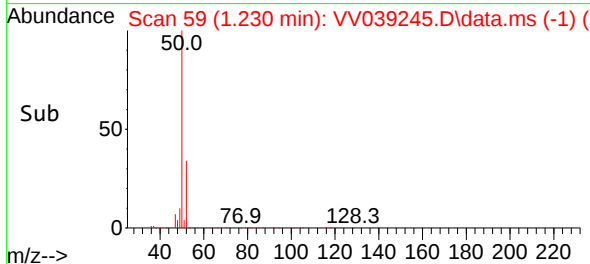
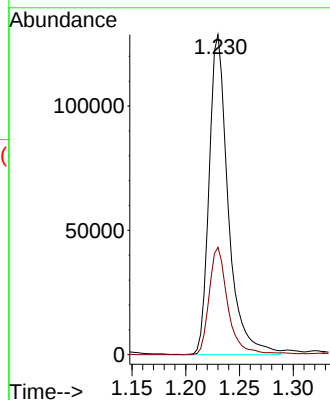
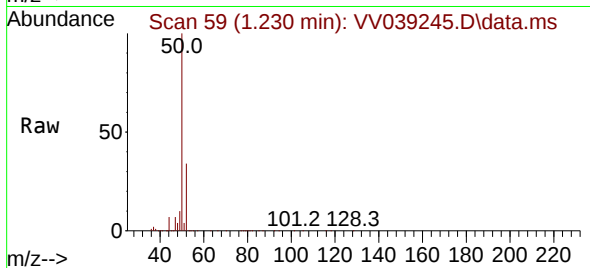




#3
Chloromethane
Concen: 16.739 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

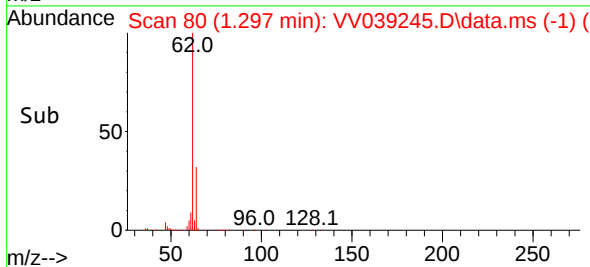
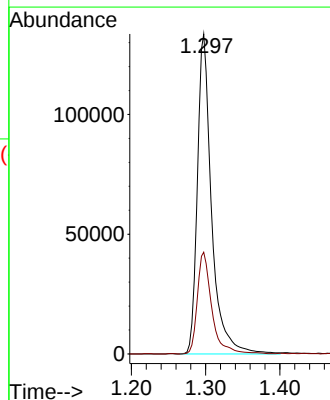
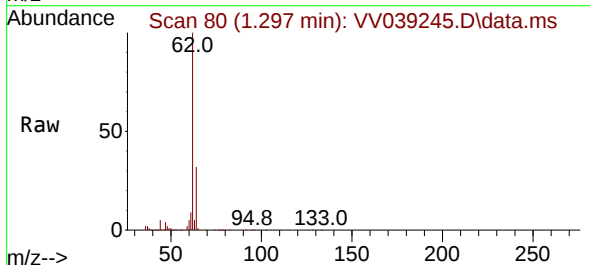
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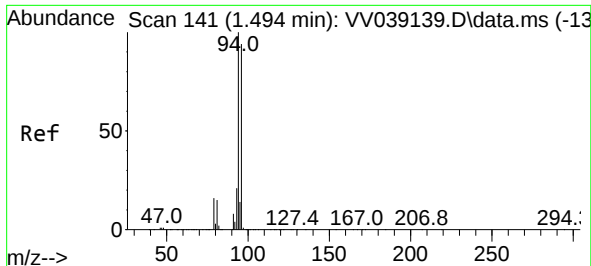
Tgt Ion: 50 Resp: 159153
Ion Ratio Lower Upper
50 100
52 33.5 26.0 39.0



#4
Vinyl Chloride
Concen: 17.531 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039245.D
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Tgt Ion: 62 Resp: 178439
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4

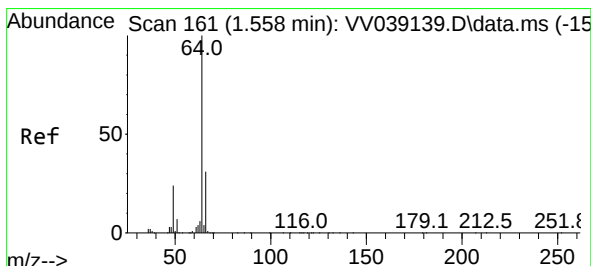
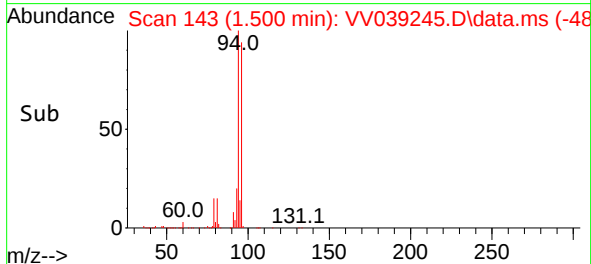
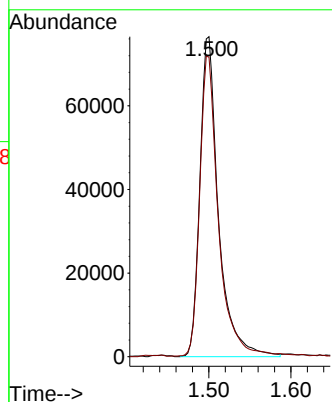
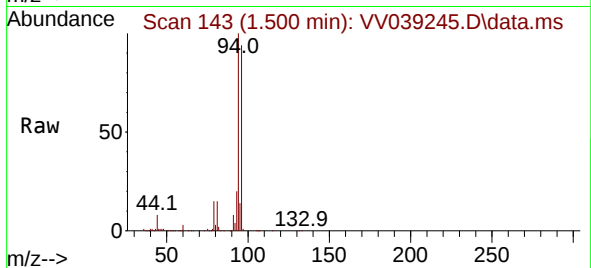




#5
Bromomethane
Concen: 18.802 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.006 min
Lab File: VV039245.D
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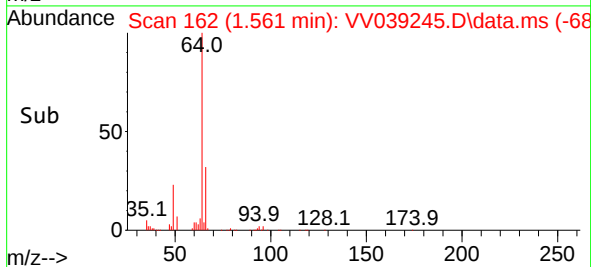
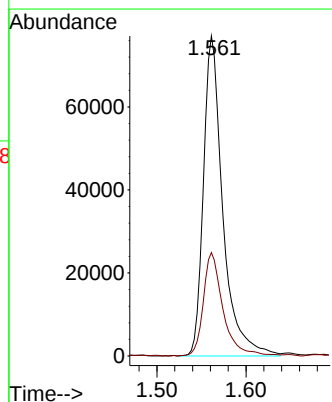
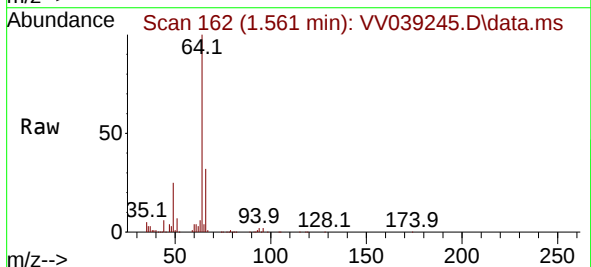
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Tgt Ion: 94 Resp: 120645
Ion Ratio Lower Upper
94 100
96 93.4 74.9 112.3



#6
Chloroethane
Concen: 18.144 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 64 Resp: 116472
Ion Ratio Lower Upper
64 100
66 32.2 24.6 36.8

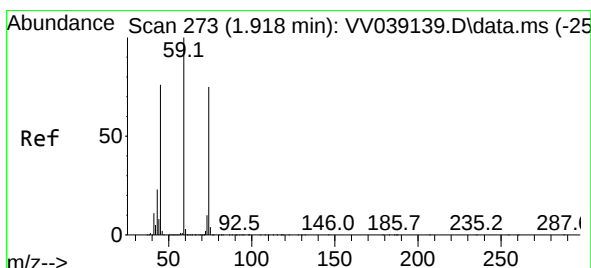
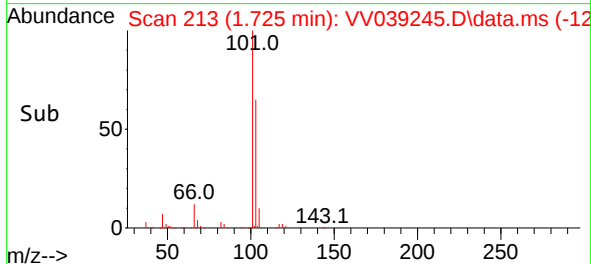
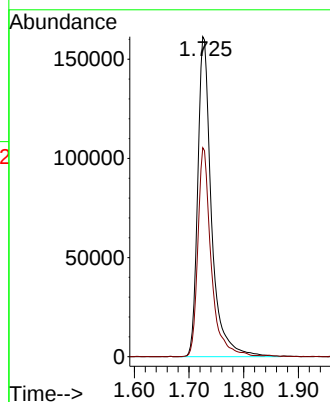
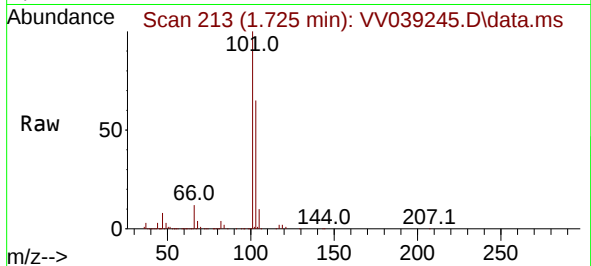




#7
Trichlorofluoromethane
Concen: 19.066 ug/l
RT: 1.725 min Scan# 213
Delta R.T. -0.000 min
Lab File: VV039245.D
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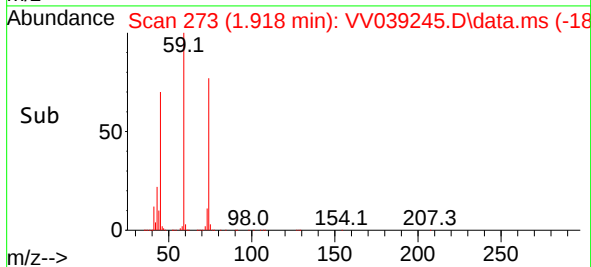
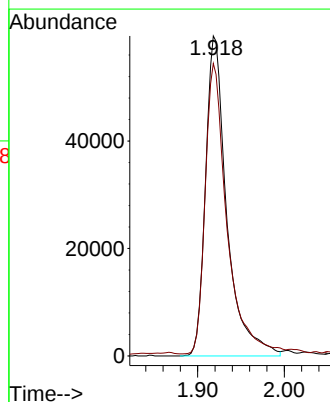
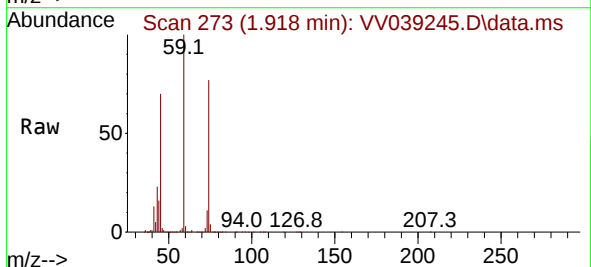
Instrument :
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Tgt Ion:101 Resp: 280975
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0



#8
Diethyl Ether
Concen: 18.637 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 74 Resp: 101959
Ion Ratio Lower Upper
74 100
45 92.3 49.6 148.8

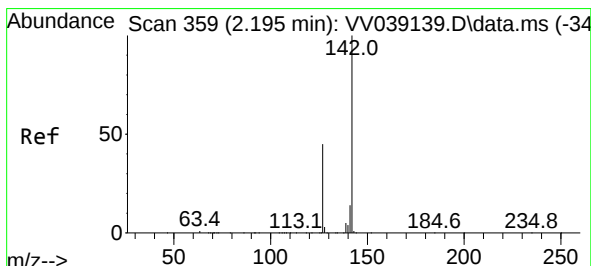
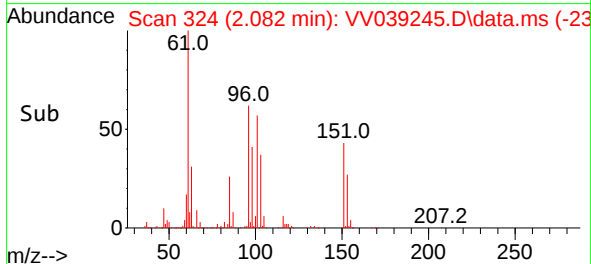
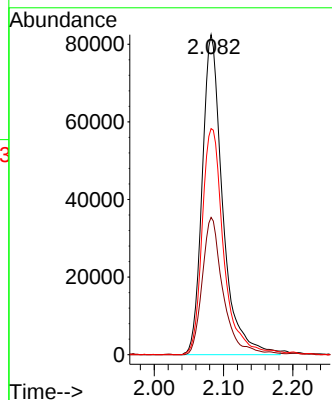
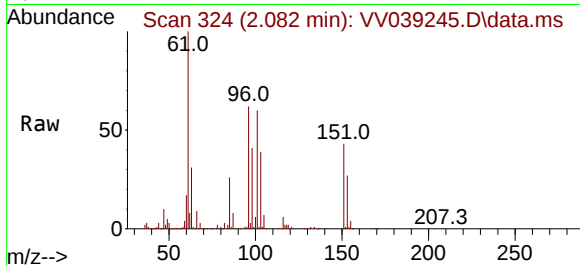




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.315 ug/l
RT: 2.082 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039245.D
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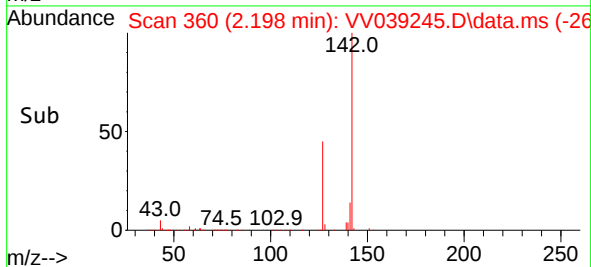
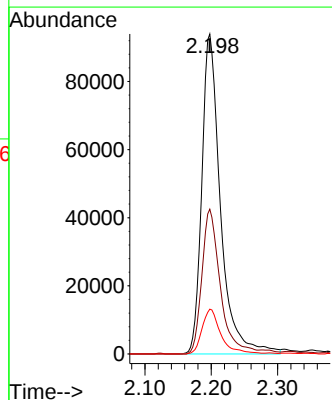
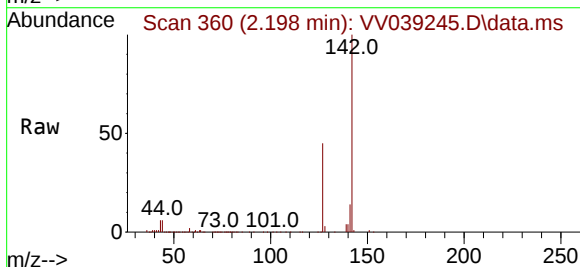
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

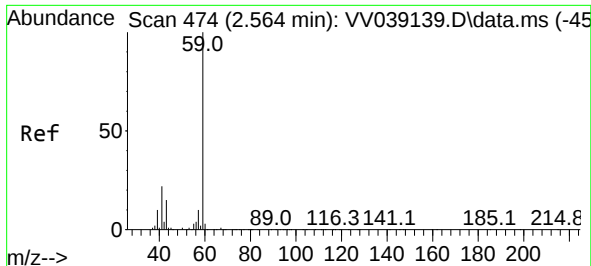
Tgt Ion:101 Resp: 169365
Ion Ratio Lower Upper
101 100
85 43.2 36.2 54.2
151 74.5 56.3 84.5



#10
Methyl Iodide
Concen: 22.028 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion:142 Resp: 183933
Ion Ratio Lower Upper
142 100
127 44.5 36.3 54.5
141 14.1 11.2 16.8

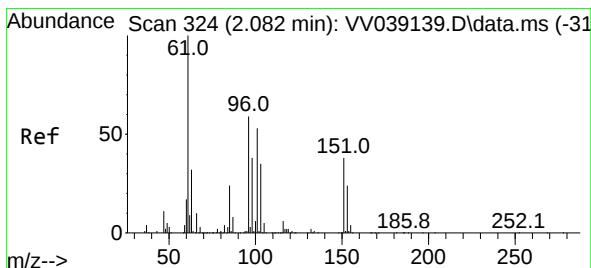
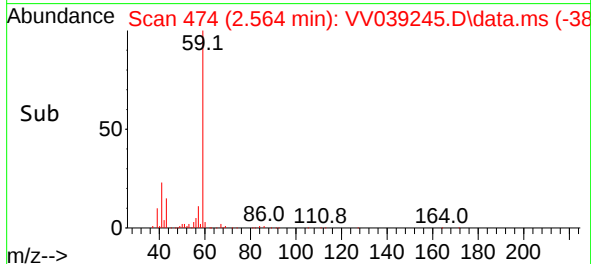
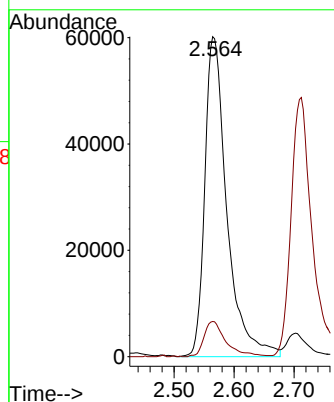
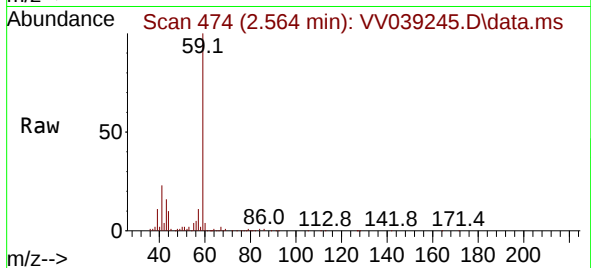




#11
Tert butyl alcohol
Concen: 90.054 ug/l
RT: 2.564 min Scan# 474
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

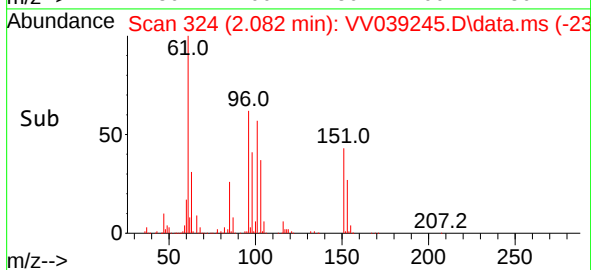
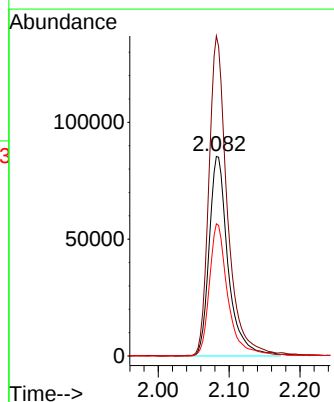
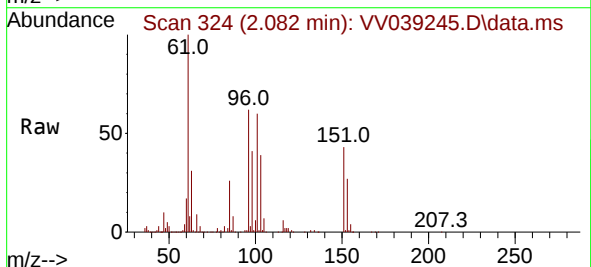
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Tgt Ion: 59 Resp: 154118
Ion Ratio Lower Upper
59 100
57 11.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 18.810 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 96 Resp: 158669
Ion Ratio Lower Upper
96 100
61 160.2 136.0 204.0
98 66.3 51.0 76.6

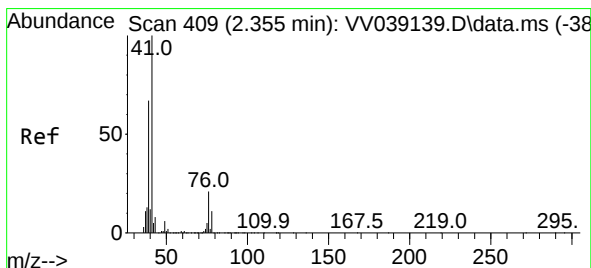
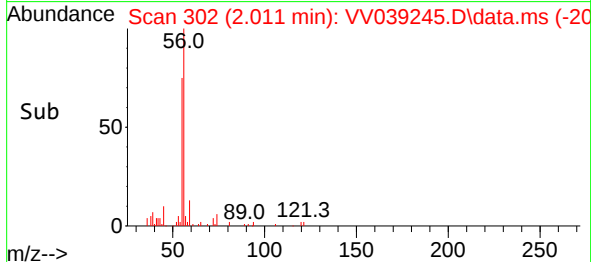
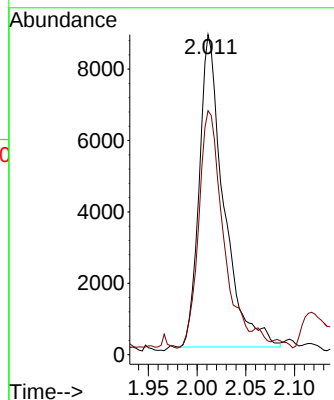
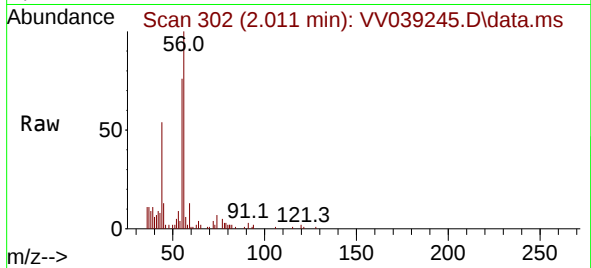




#13
Acrolein
Concen: 51.646 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

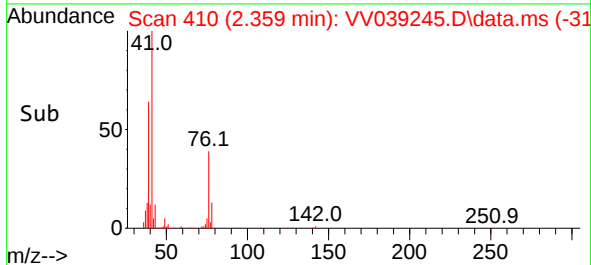
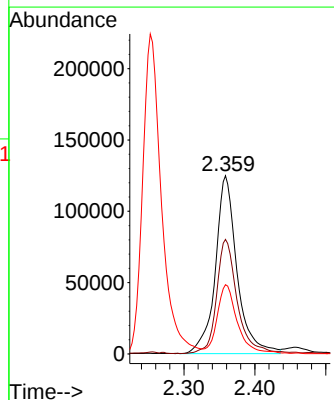
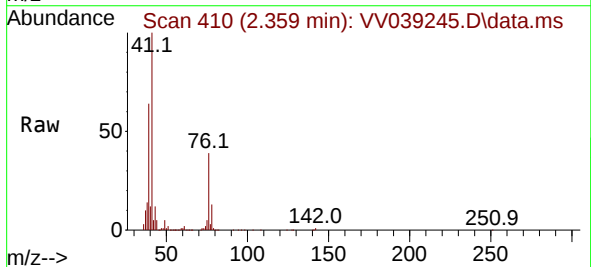
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Tgt Ion: 56 Resp: 15337
Ion Ratio Lower Upper
56 100
55 75.7 56.2 84.4



#14
Allyl chloride
Concen: 17.554 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 41 Resp: 264501
Ion Ratio Lower Upper
41 100
39 61.3 51.0 76.6
76 35.8 28.2 42.4

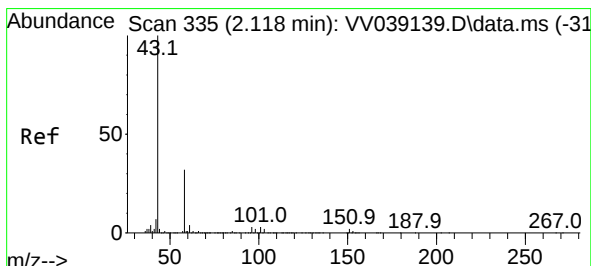
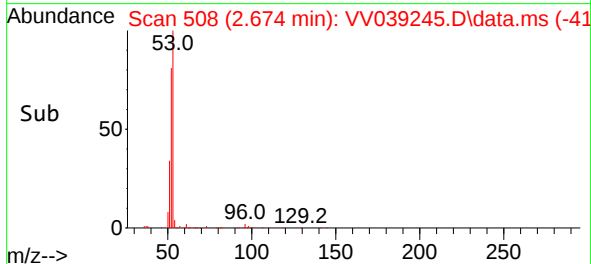
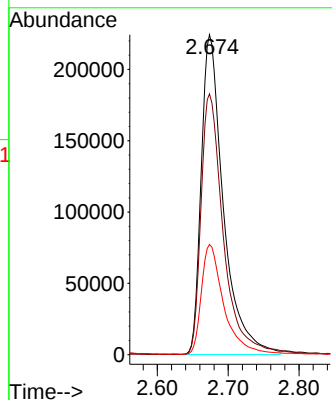
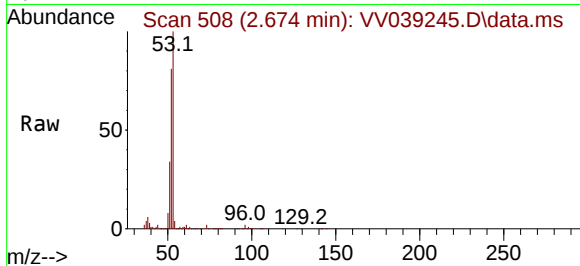




#15
Acrylonitrile
Concen: 88.861 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

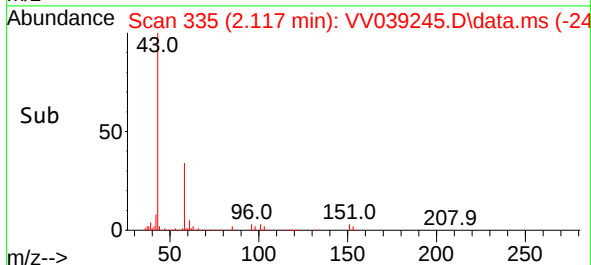
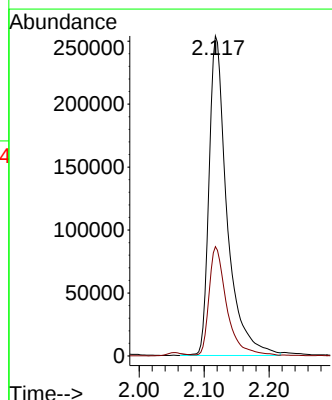
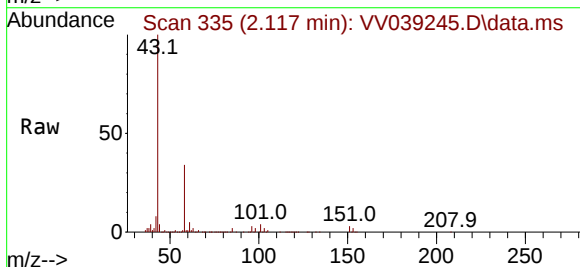
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Tgt Ion: 53 Resp: 487507
Ion Ratio Lower Upper
53 100
52 82.3 66.1 99.1
51 34.8 28.5 42.7



#16
Acetone
Concen: 91.016 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.001 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 43 Resp: 488555
Ion Ratio Lower Upper
43 100
58 33.9 25.8 38.6

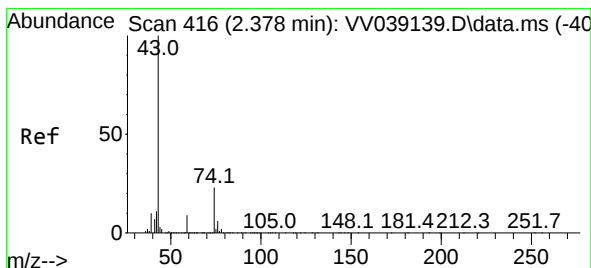
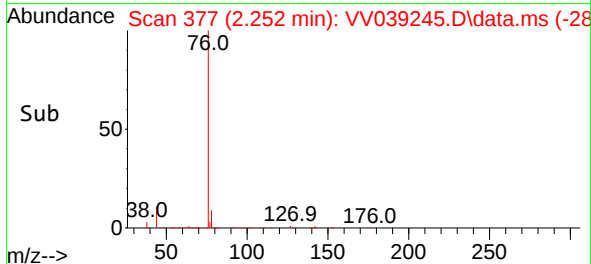
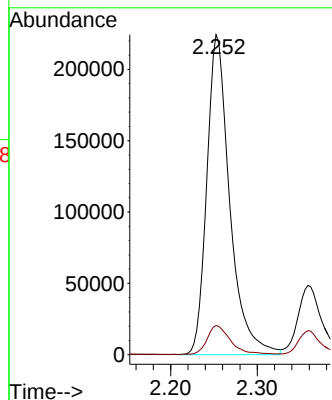
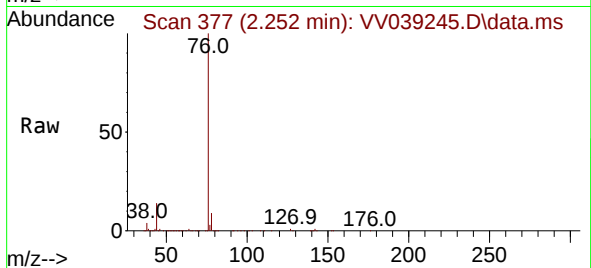




#17
Carbon Disulfide
Concen: 16.016 ug/l
RT: 2.252 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

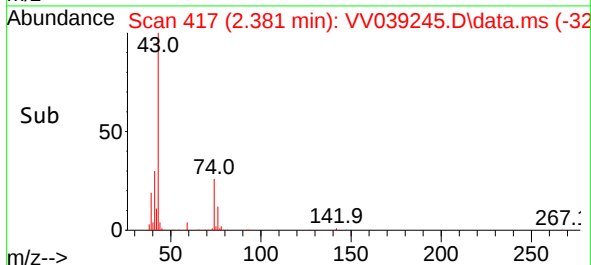
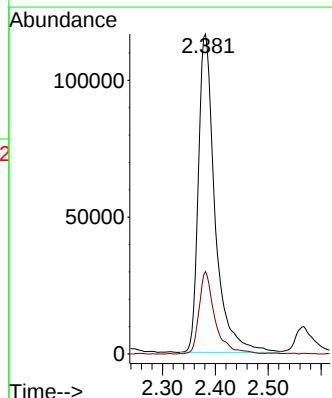
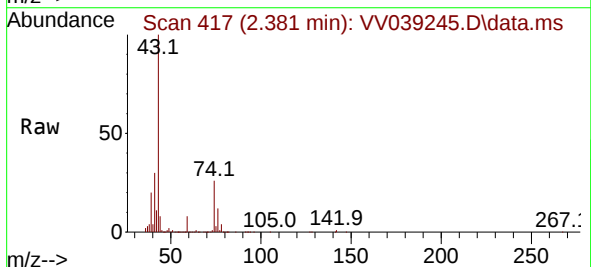
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Tgt Ion: 76 Resp: 413185
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 21.125 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 43 Resp: 253442
Ion Ratio Lower Upper
43 100
74 24.9 18.6 27.8

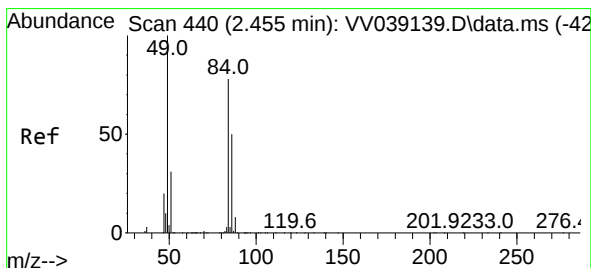
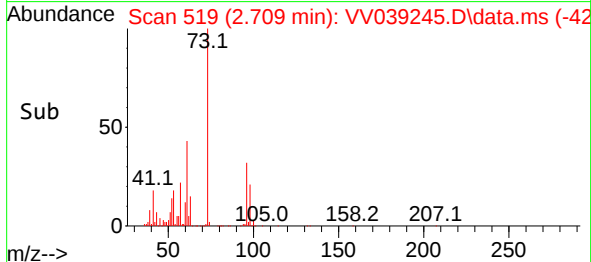
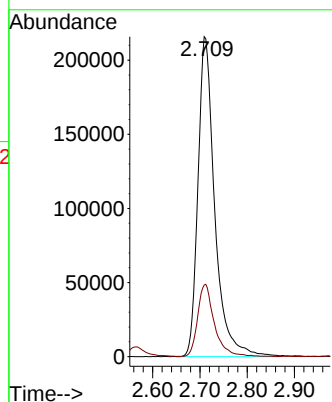
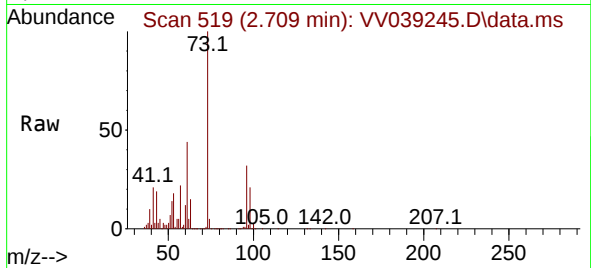




#19
Methyl tert-butyl Ether
Concen: 19.799 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

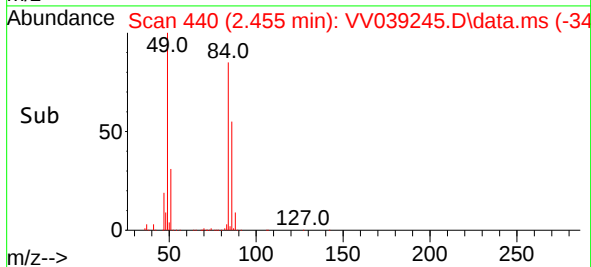
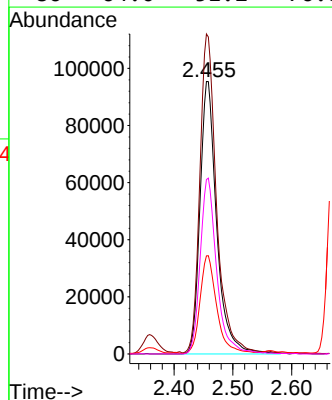
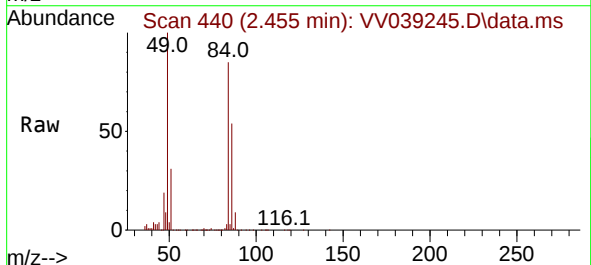
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Tgt Ion: 73 Resp: 532207
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4



#20
Methylene Chloride
Concen: 19.948 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 84 Resp: 188042
Ion Ratio Lower Upper
84 100
49 117.0 102.8 154.2
51 35.7 31.9 47.9
86 64.0 51.2 76.8

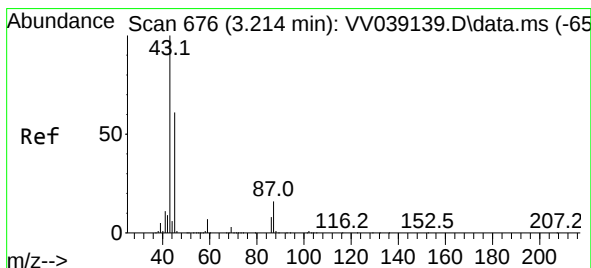
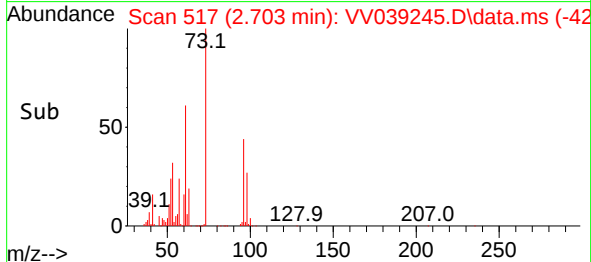
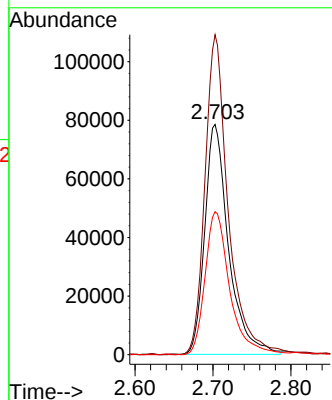
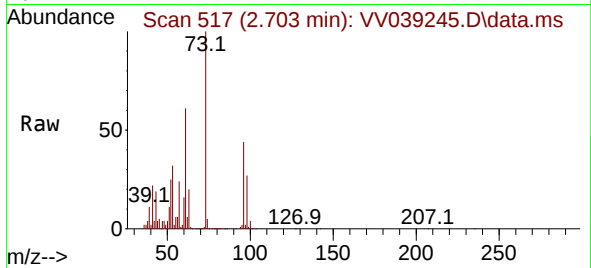




#21
trans-1,2-Dichloroethene
Concen: 18.584 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

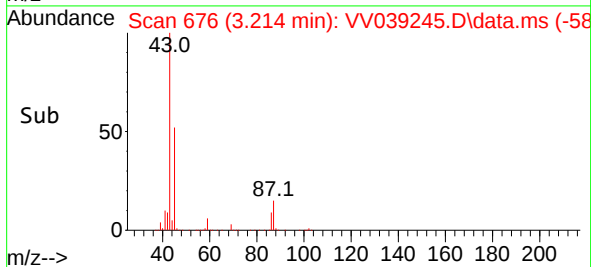
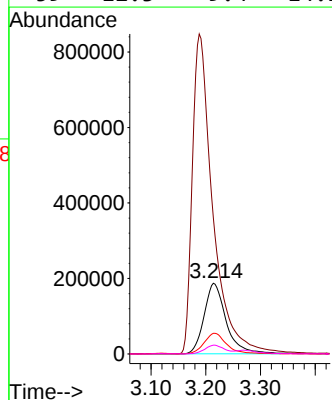
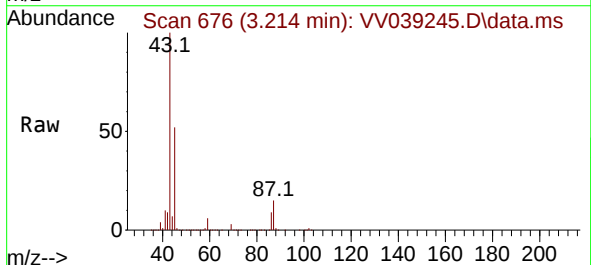
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Tgt Ion: 96 Resp: 166888
Ion Ratio Lower Upper
96 100
61 139.0 112.8 169.2
98 62.2 51.1 76.7



#22
Diisopropyl ether
Concen: 18.135 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 45 Resp: 522821
Ion Ratio Lower Upper
45 100
43 192.8 130.9 196.3
87 29.0 21.1 31.7
59 12.3 9.4 14.2

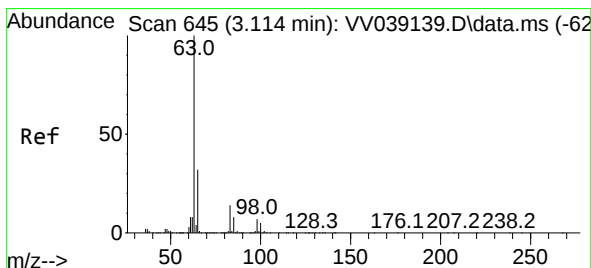
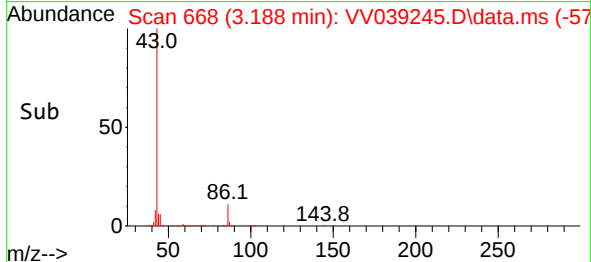
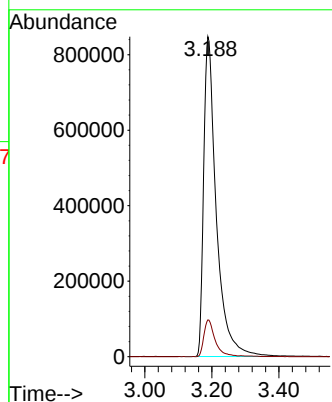
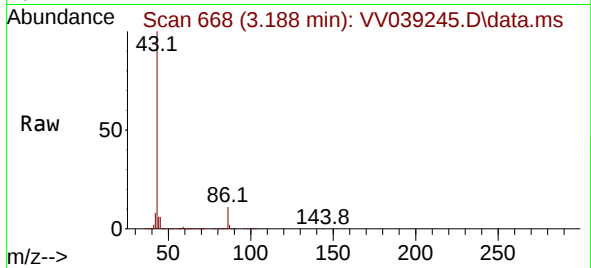




#23
 Vinyl Acetate
 Concen: 88.039 ug/l
 RT: 3.188 min Scan# 60
 Delta R.T. 0.003 min
 Lab File: VV039245.D
 Acq: 03 Oct 2025 13:07

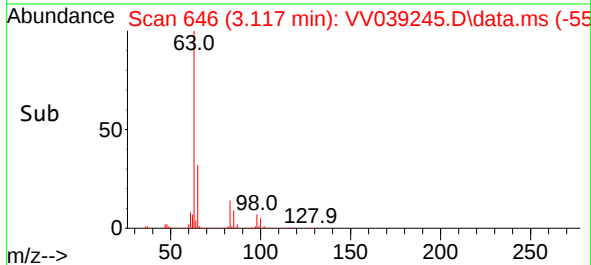
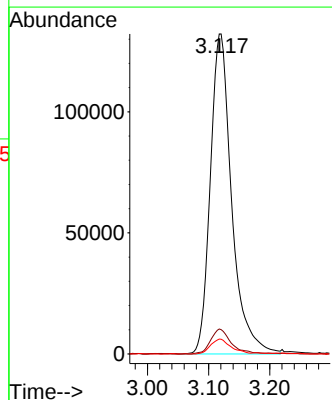
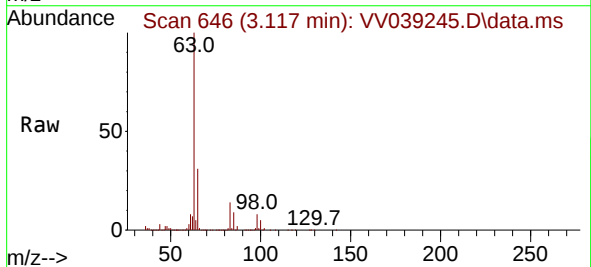
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1003WBS01

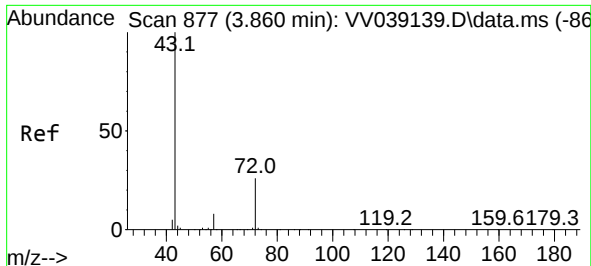
Tgt Ion: 43 Resp: 2220327
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 18.205 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039245.D
 Acq: 03 Oct 2025 13:07

Tgt Ion: 63 Resp: 320962
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.4 10.2
 100 4.6 2.2 6.6

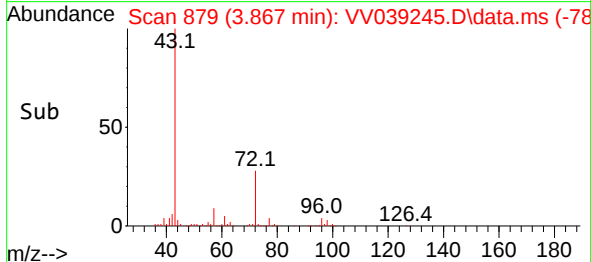
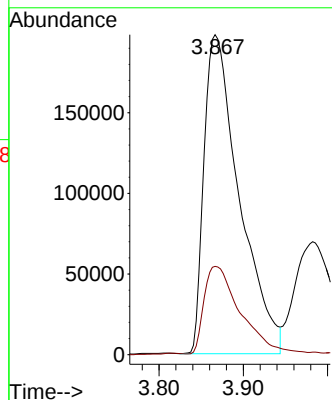
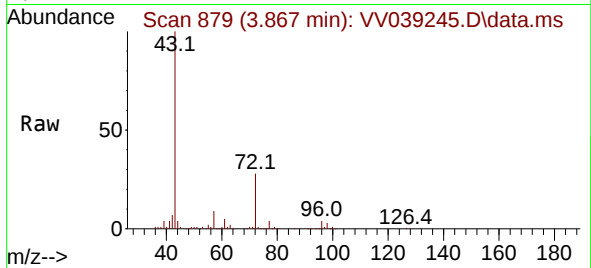




#25
2-Butanone
Concen: 89.093 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.006 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

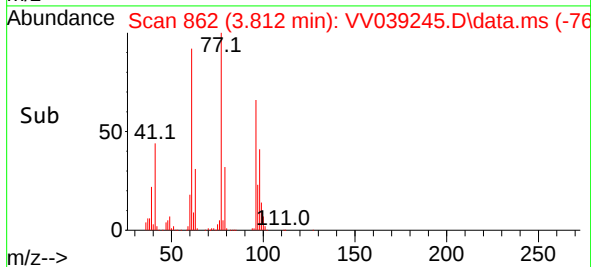
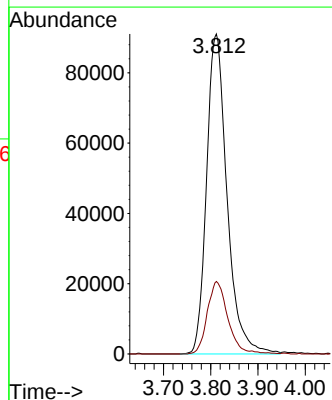
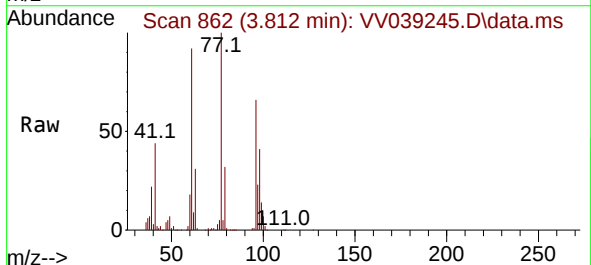
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Tgt Ion: 43 Resp: 577685
Ion Ratio Lower Upper
43 100
72 27.4 21.0 31.6



#26
2,2-Dichloropropane
Concen: 17.541 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 77 Resp: 274205
Ion Ratio Lower Upper
77 100
97 22.9 11.6 34.7

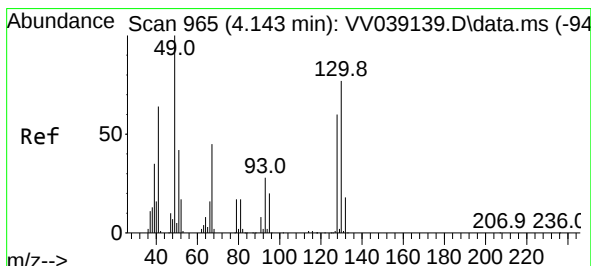
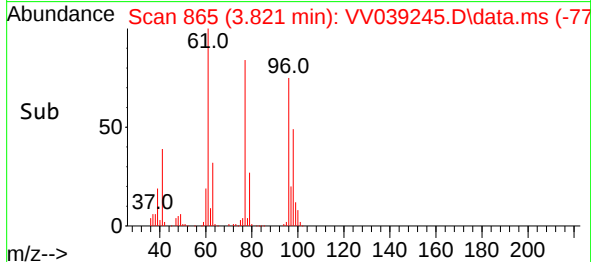
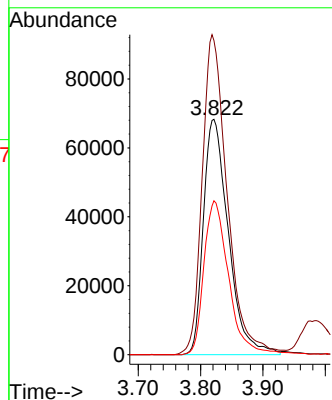
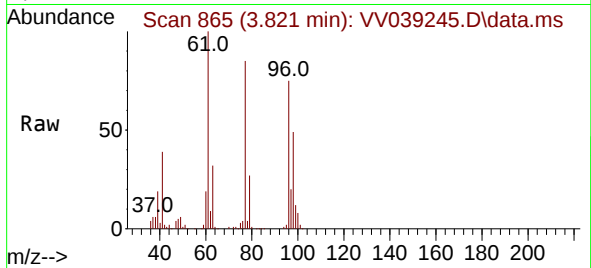




#27
 cis-1,2-Dichloroethene
 Concen: 19.231 ug/l
 RT: 3.821 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV039245.D
 Acq: 03 Oct 2025 13:07

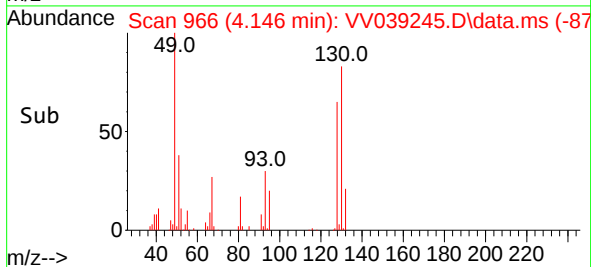
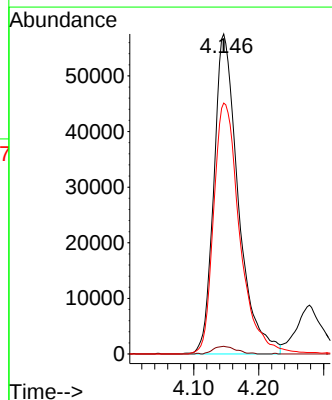
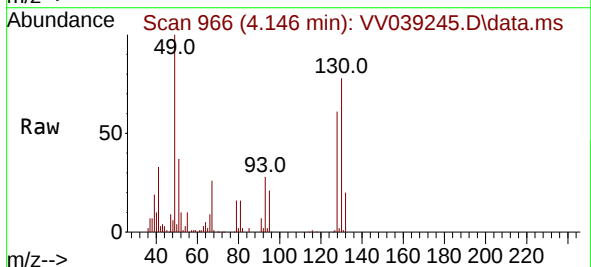
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1003WBS01

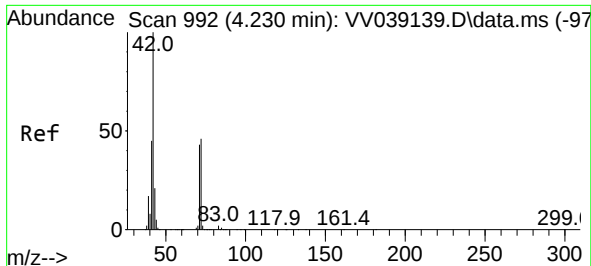
Tgt Ion: 96 Resp: 190466
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 286.4
 98 64.9 0.0 126.6



#28
 Bromochloromethane
 Concen: 19.291 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV039245.D
 Acq: 03 Oct 2025 13:07

Tgt Ion: 49 Resp: 150145
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 83.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 85.681 ug/l

RT: 4.236 min Scan# 992

Delta R.T. 0.006 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBS01

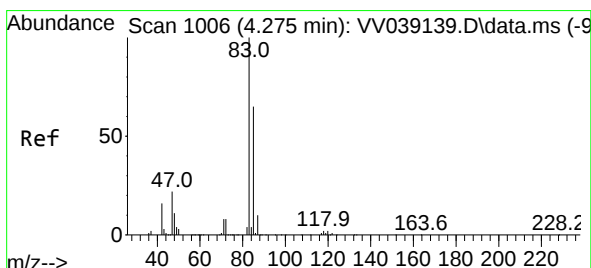
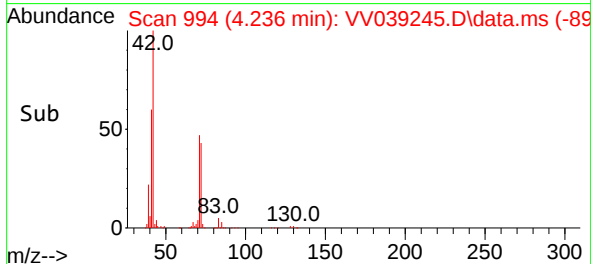
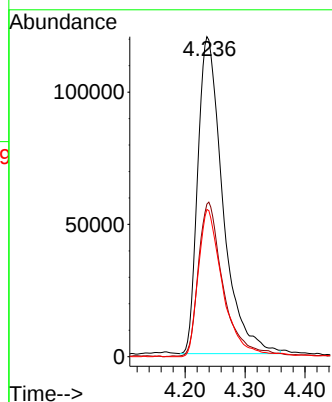
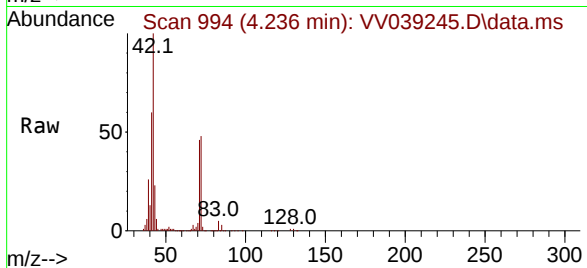
Tgt Ion: 42 Resp: 347741

Ion Ratio Lower Upper

42 100

72 48.1 36.3 54.5

71 45.4 34.3 51.5



#30

Chloroform

Concen: 18.141 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV039245.D

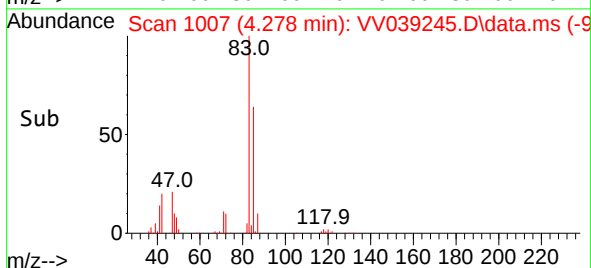
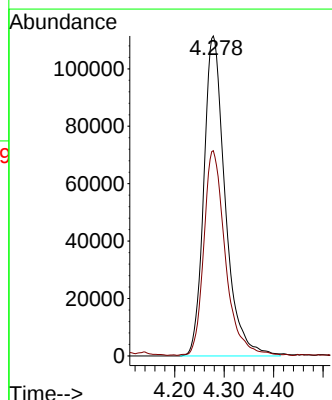
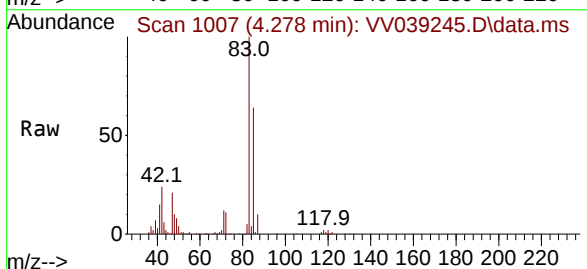
Acq: 03 Oct 2025 13:07

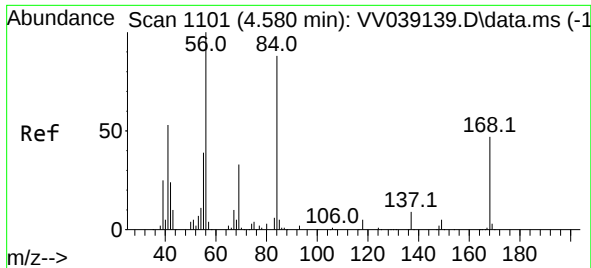
Tgt Ion: 83 Resp: 333971

Ion Ratio Lower Upper

83 100

85 63.8 52.1 78.1

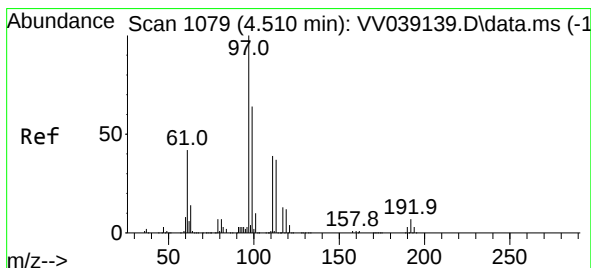
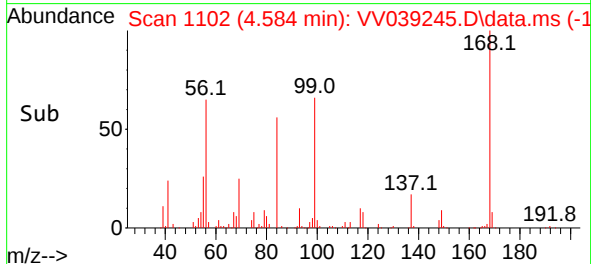
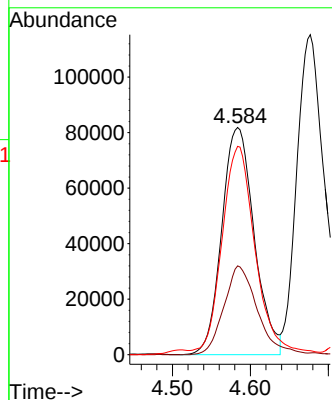
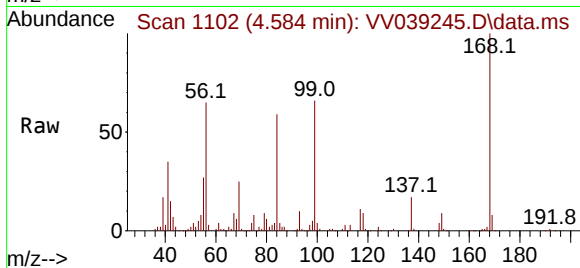




#31
Cyclohexane
Concen: 16.415 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

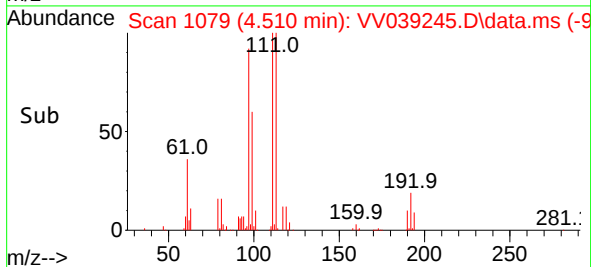
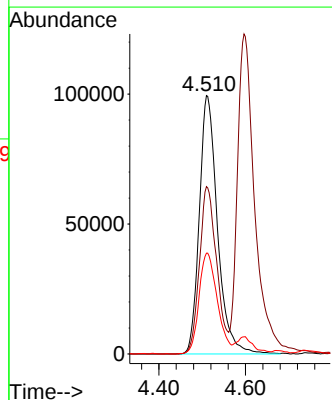
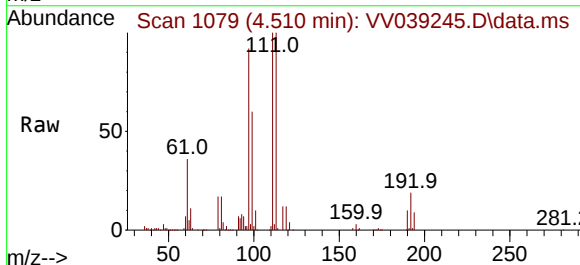
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Tgt Ion: 56 Resp: 237069
Ion Ratio Lower Upper
56 100
69 39.1 26.2 39.2
84 89.6 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 18.181 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 97 Resp: 289772
Ion Ratio Lower Upper
97 100
99 61.2 49.6 74.4
61 39.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 41.722 ug/l

RT: 4.940 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

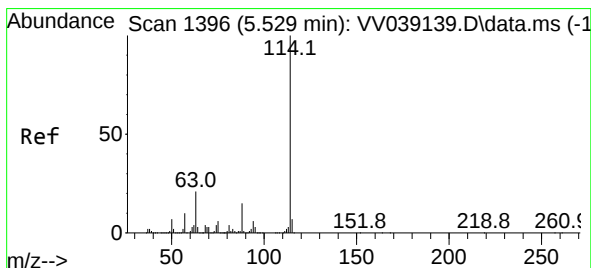
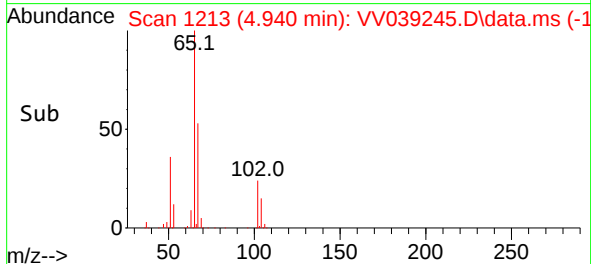
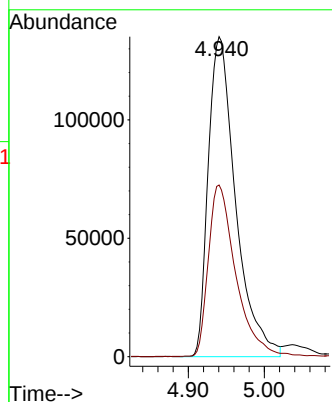
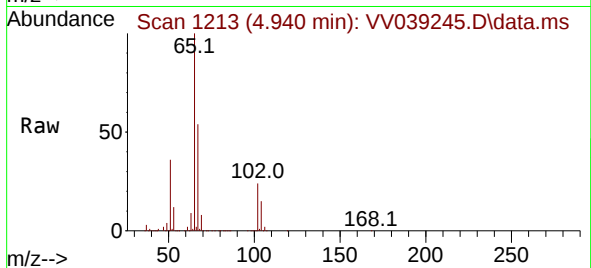
VV1003WBS01

Tgt Ion: 65 Resp: 337839

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

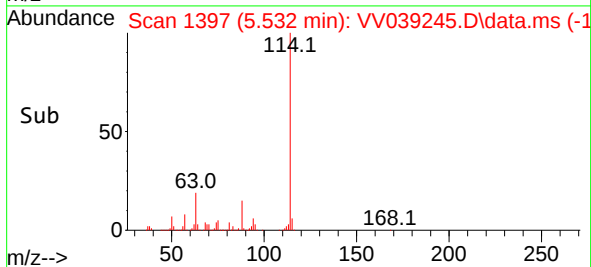
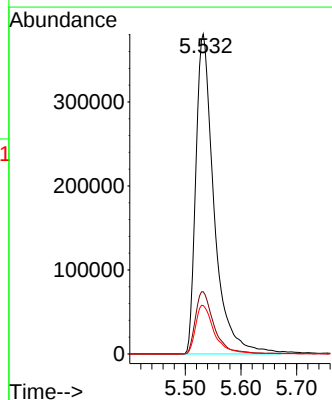
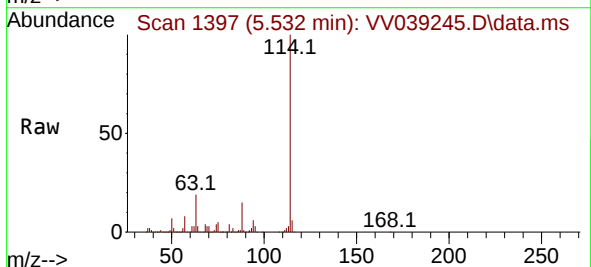
Tgt Ion: 114 Resp: 866328

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

88 15.1 0.0 30.8

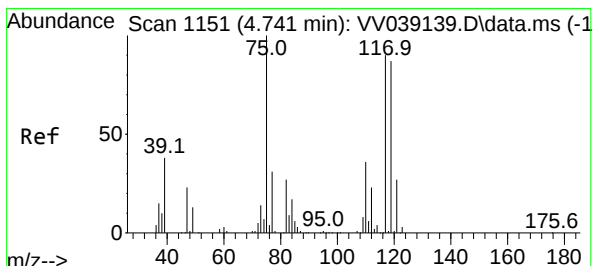
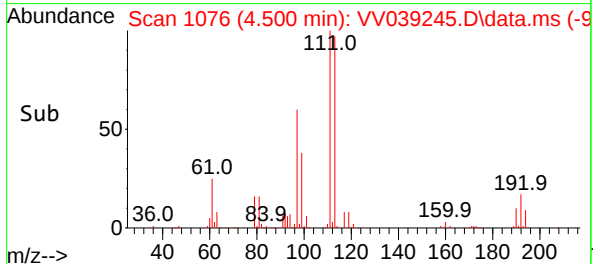
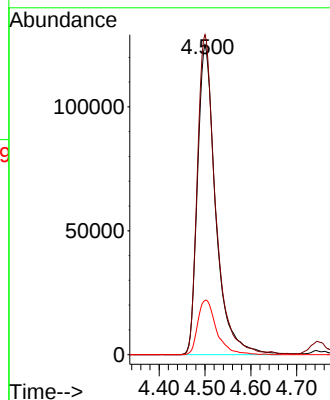
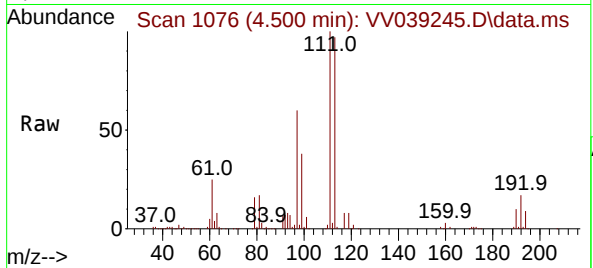




#35
Dibromofluoromethane
Concen: 49.618 ug/l
RT: 4.500 min Scan# 110
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

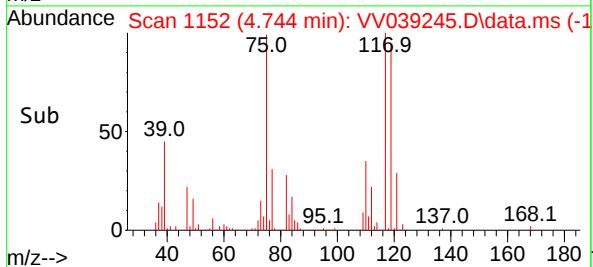
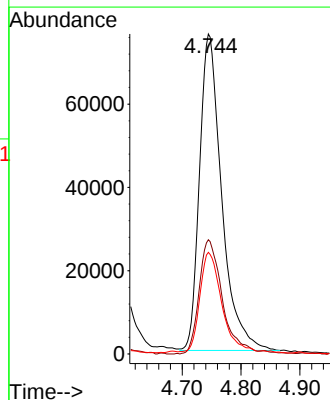
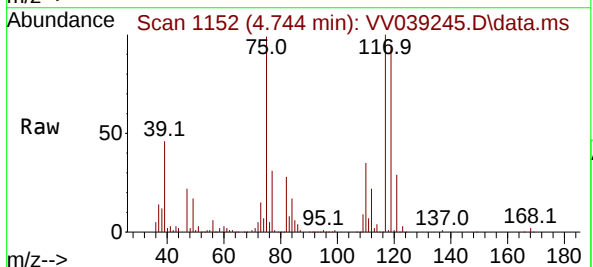
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

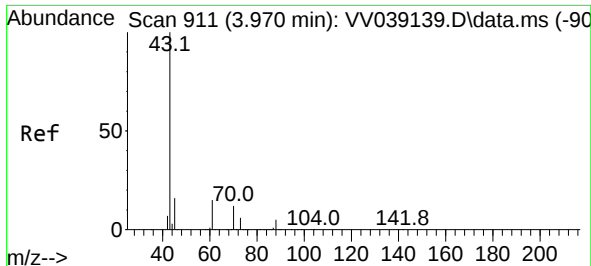
Tgt Ion:113 Resp: 345571
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 18.1 13.8 20.8



#36
1,1-Dichloropropene
Concen: 18.889 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 75 Resp: 198893
Ion Ratio Lower Upper
75 100
110 37.6 18.1 54.1
77 30.1 24.8 37.2

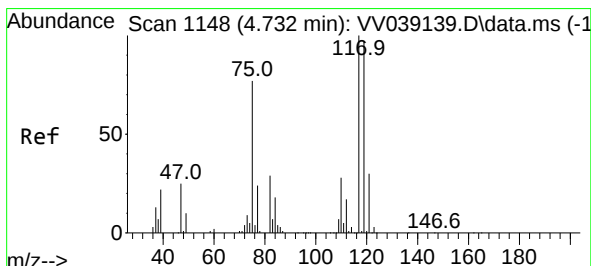
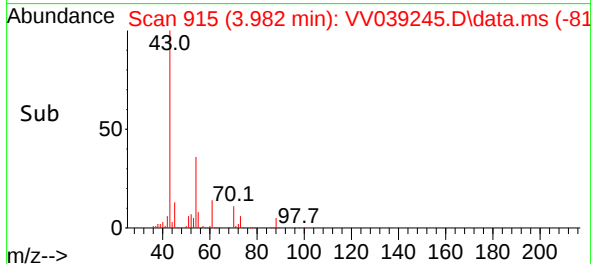
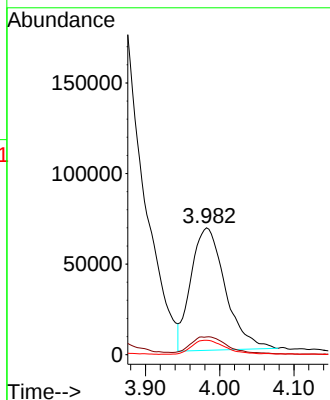
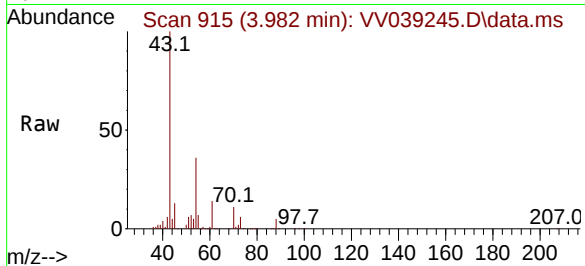




#37
Ethyl Acetate
Concen: 17.058 ug/l
RT: 3.982 min Scan# 911
Delta R.T. 0.012 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

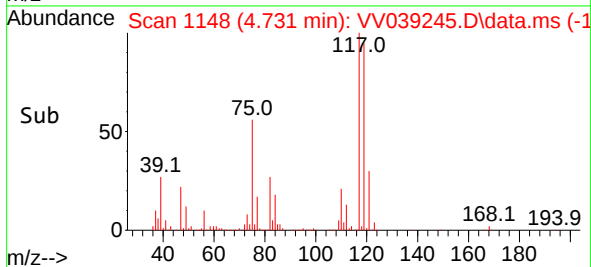
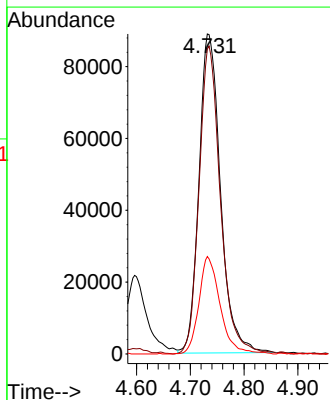
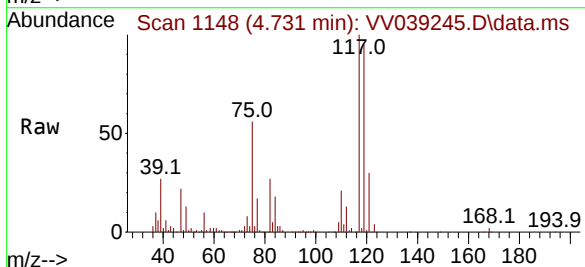
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

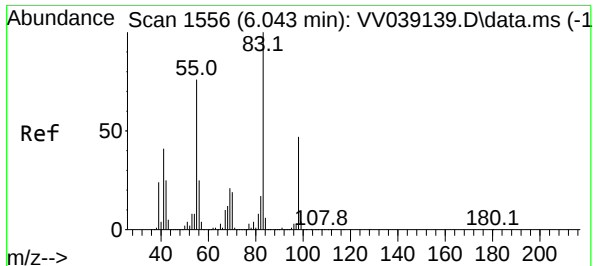
Tgt Ion: 43 Resp: 217952
Ion Ratio Lower Upper
43 100
61 5.0 10.3 15.5#
70 10.9 8.0 12.0



#38
Carbon Tetrachloride
Concen: 19.211 ug/l
RT: 4.731 min Scan# 1148
Delta R.T. -0.001 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 117 Resp: 247222
Ion Ratio Lower Upper
117 100
119 95.4 77.2 115.8
121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 17.142 ug/l

RT: 6.046 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBS01

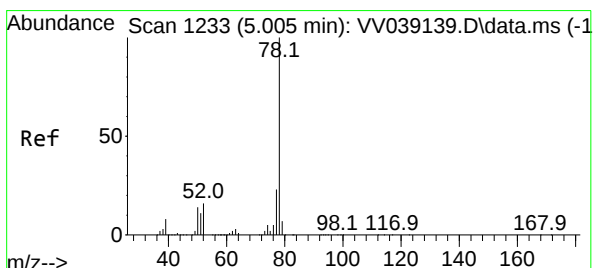
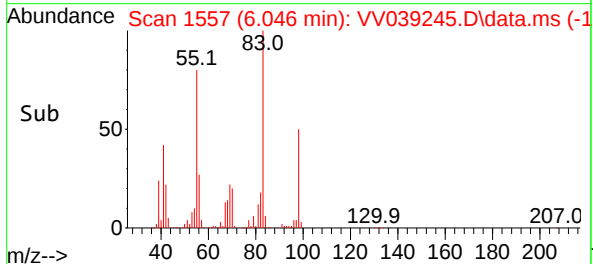
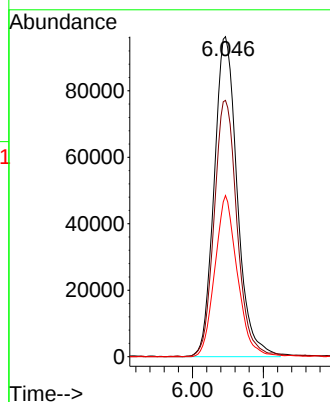
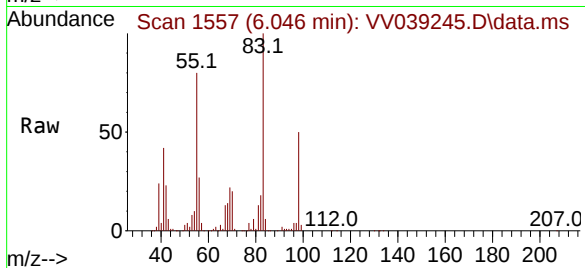
Tgt Ion: 83 Resp: 217981

Ion Ratio Lower Upper

83 100

55 79.9 60.5 90.7

98 50.4 37.8 56.6



#40

Benzene

Concen: 19.375 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VV039245.D

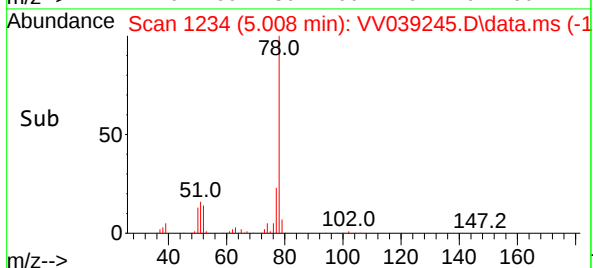
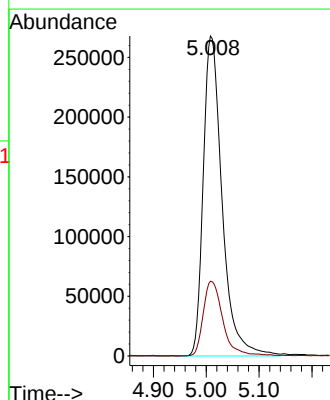
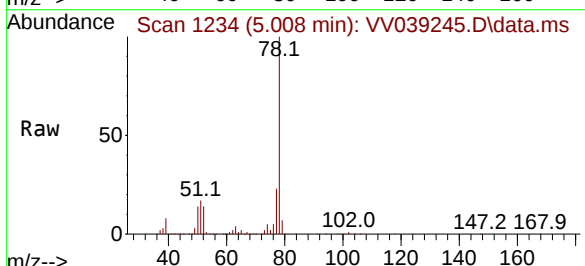
Acq: 03 Oct 2025 13:07

Tgt Ion: 78 Resp: 664341

Ion Ratio Lower Upper

78 100

77 23.3 18.7 28.1



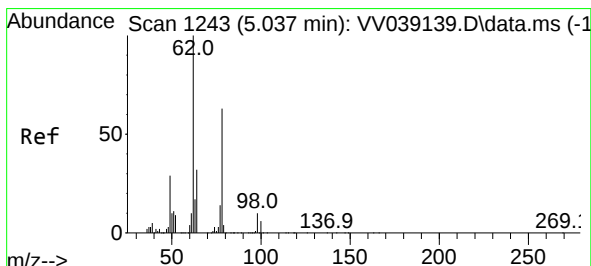
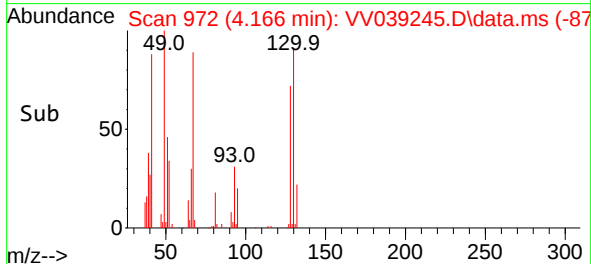
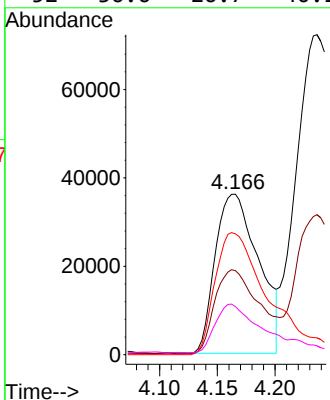
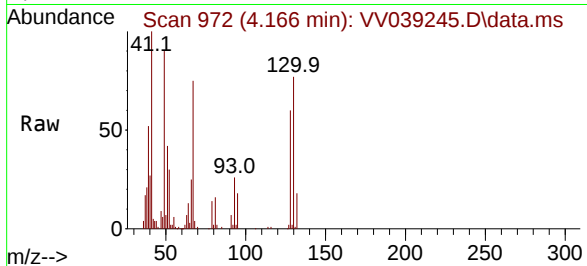


#41
Methacrylonitrile
Concen: 17.536 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.013 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Tgt Ion: 41 Resp: 93853

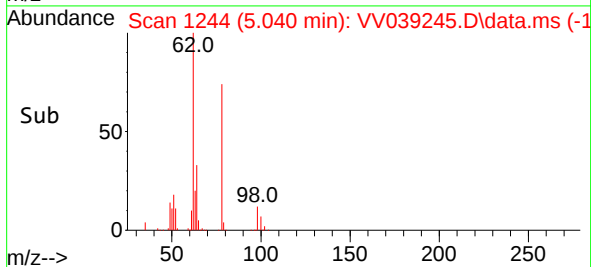
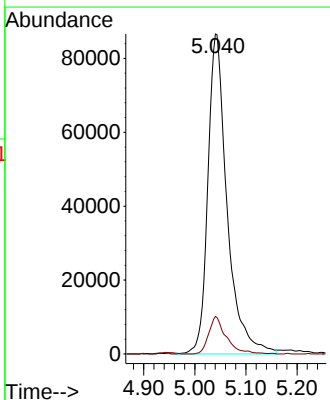
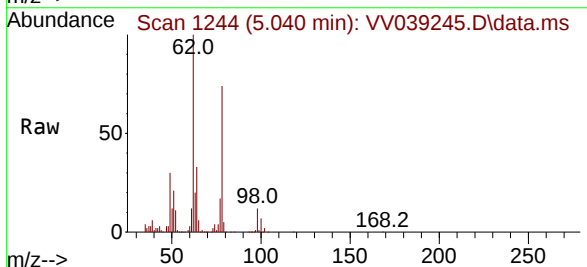
Ion	Ratio	Lower	Upper
41	100		
39	55.5	42.2	63.2
67	96.3	67.9	101.9
52	36.6	26.7	40.1

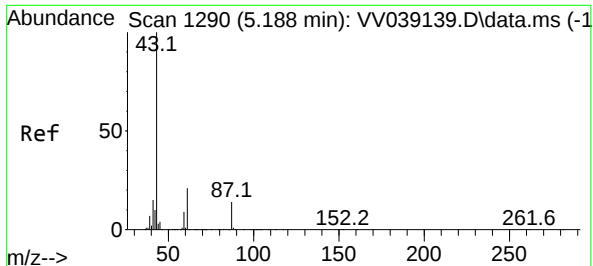


#42
1,2-Dichloroethane
Concen: 18.833 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 62 Resp: 226266

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	19.2

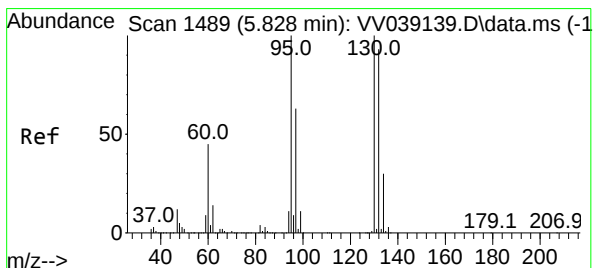
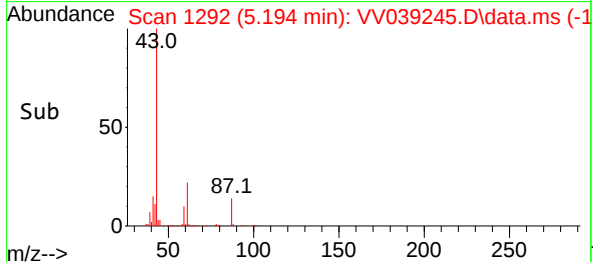
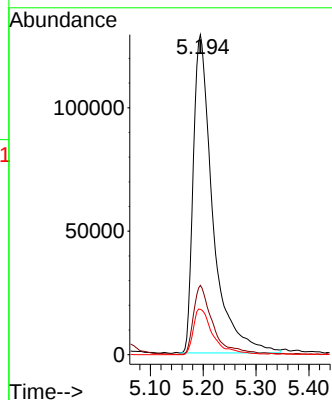
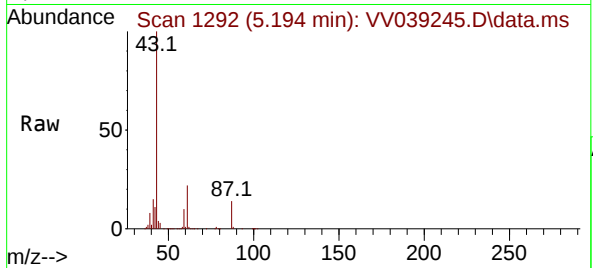




#43
Isopropyl Acetate
Concen: 19.018 ug/l
RT: 5.194 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

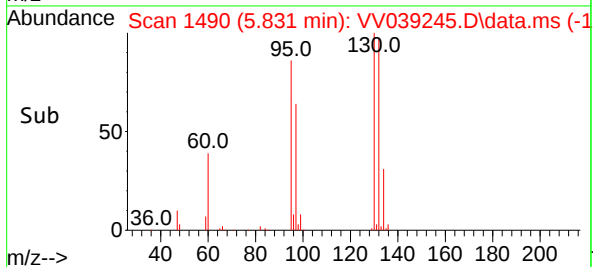
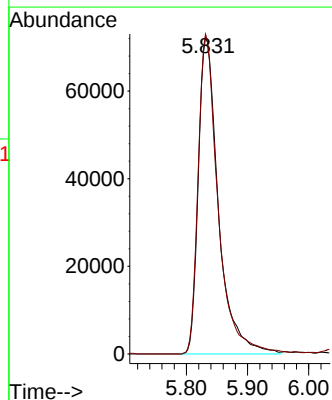
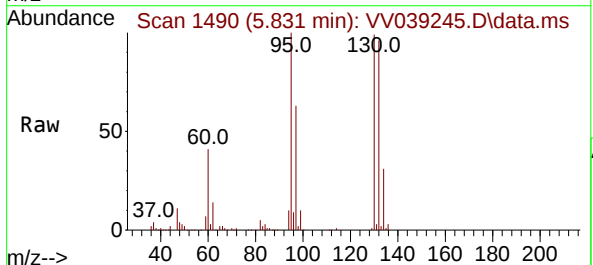
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

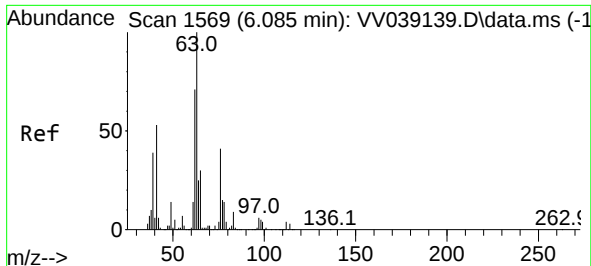
Tgt Ion: 43 Resp: 331315
Ion Ratio Lower Upper
43 100
61 21.2 15.9 23.9
87 14.5 11.0 16.6



#44
Trichloroethene
Concen: 20.838 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion:130 Resp: 164874
Ion Ratio Lower Upper
130 100
95 101.2 0.0 199.2





#45

1,2-Dichloropropane

Concen: 19.912 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

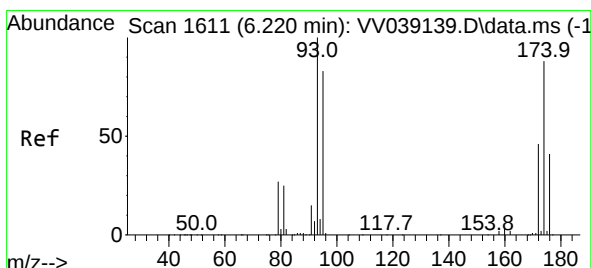
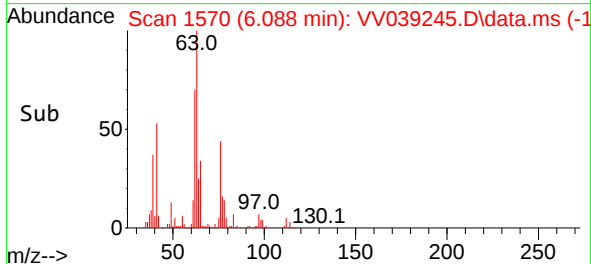
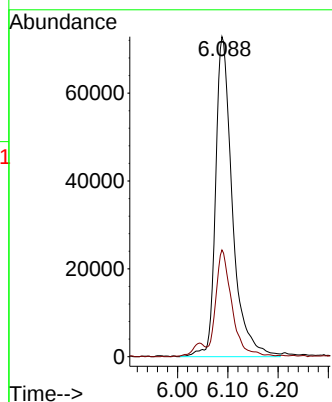
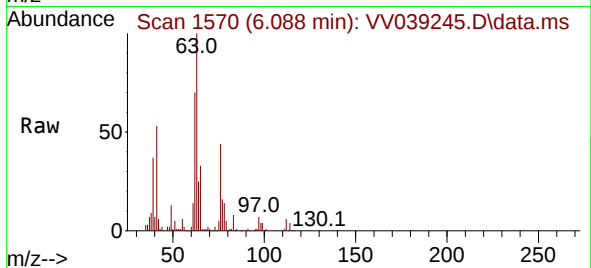
VV1003WBS01

Tgt Ion: 63 Resp: 169707

Ion Ratio Lower Upper

63 100

65 33.1 23.7 35.5



#46

Dibromomethane

Concen: 19.764 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

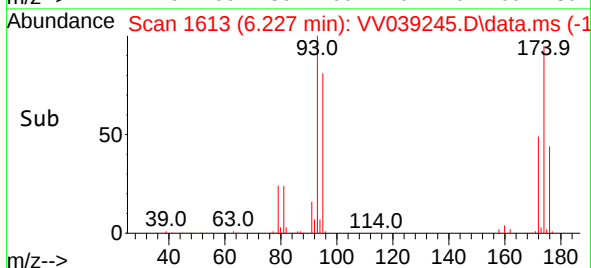
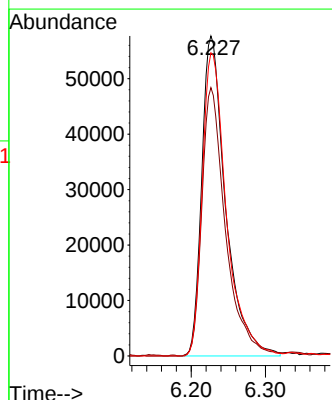
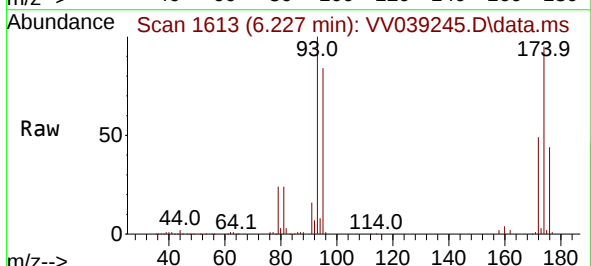
Tgt Ion: 93 Resp: 128921

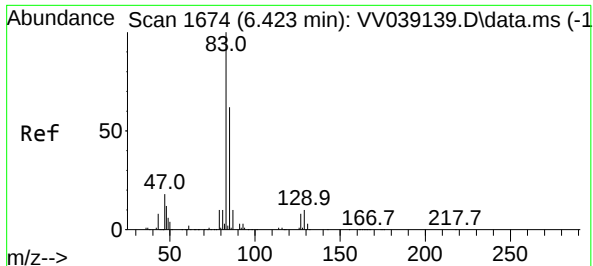
Ion Ratio Lower Upper

93 100

95 83.2 65.5 98.3

174 96.1 69.0 103.4

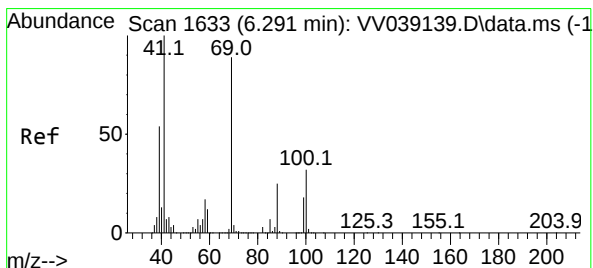
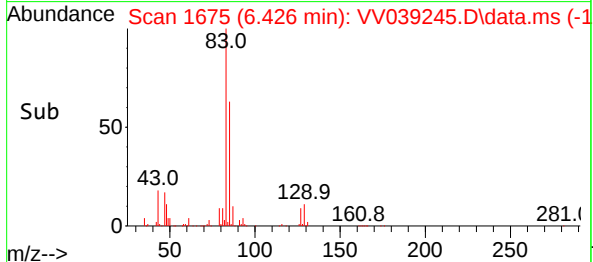
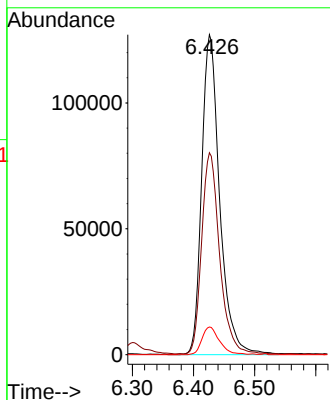
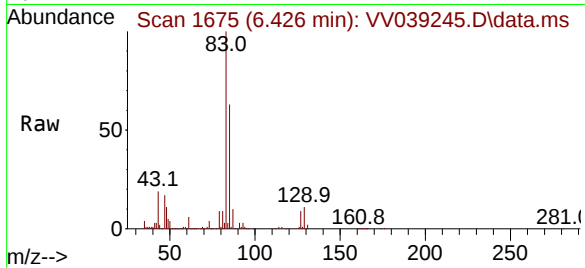




#47
Bromodichloromethane
Concen: 19.302 ug/l
RT: 6.426 min Scan# 1674
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

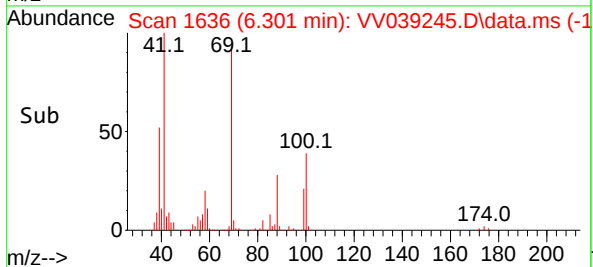
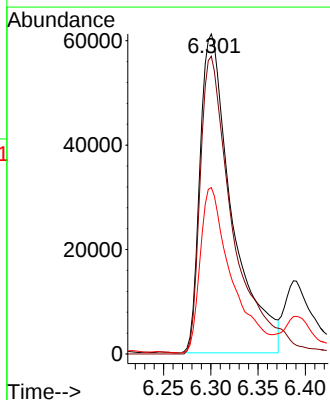
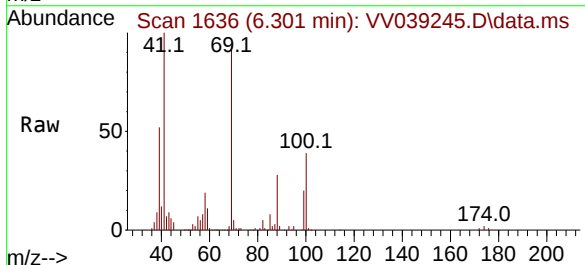
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

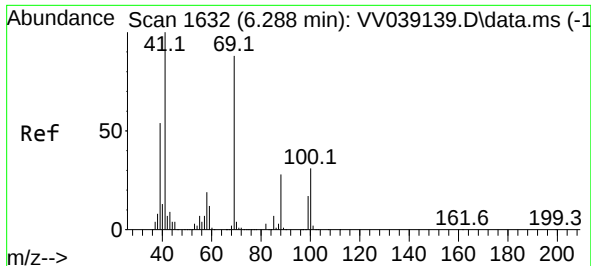
Tgt Ion: 83 Resp: 260291
Ion Ratio Lower Upper
83 100
85 62.8 49.7 74.5
127 8.6 6.6 9.8



#48
Methyl methacrylate
Concen: 18.186 ug/l
RT: 6.301 min Scan# 1636
Delta R.T. 0.010 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 41 Resp: 143613
Ion Ratio Lower Upper
41 100
69 96.4 72.4 108.6
39 51.1 42.5 63.7

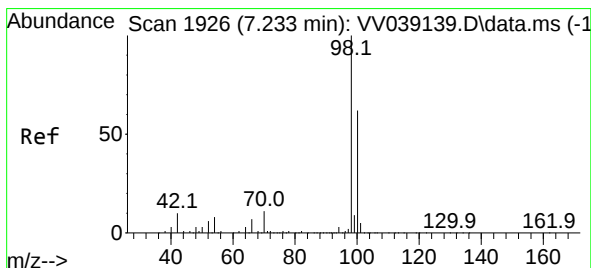
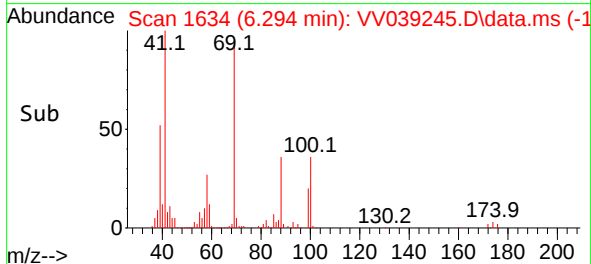
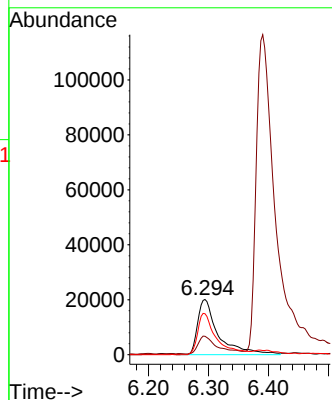
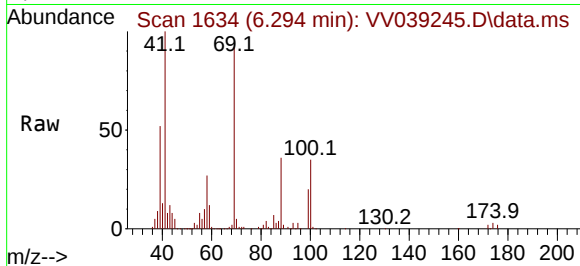




#49
1,4-Dioxane
Concen: 379.726 ug/l
RT: 6.294 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

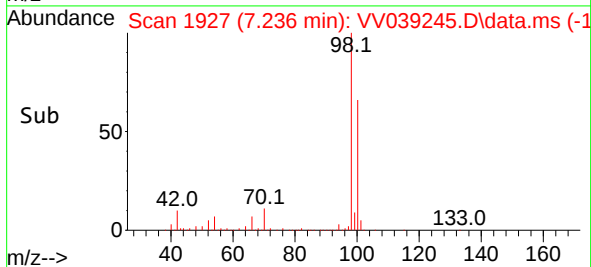
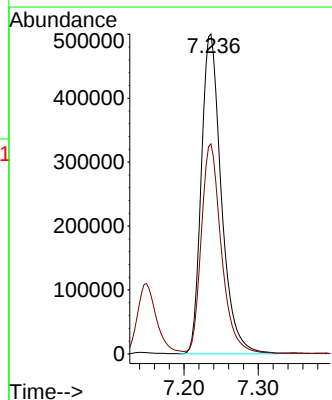
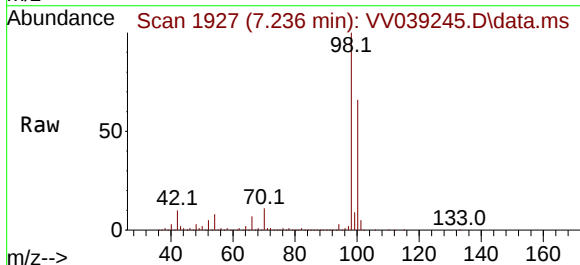
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Tgt Ion: 88 Resp: 48393
Ion Ratio Lower Upper
88 100
43 30.6 25.1 37.7
58 67.2 53.6 80.4



#50
Toluene-d8
Concen: 45.791 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 98 Resp: 936652
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 100.178 ug/l

RT: 7.146 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

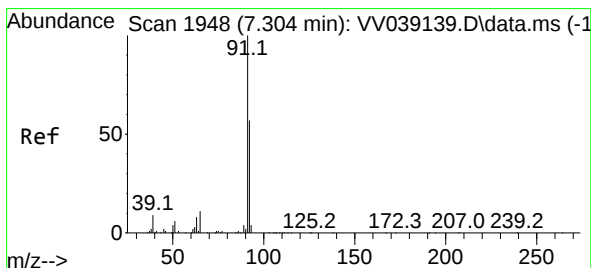
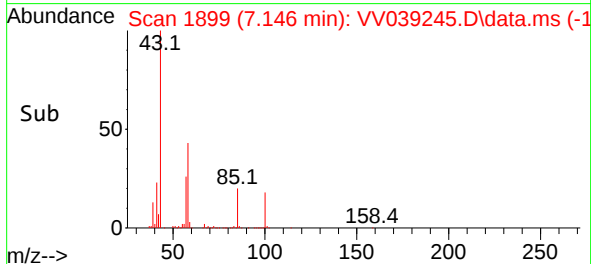
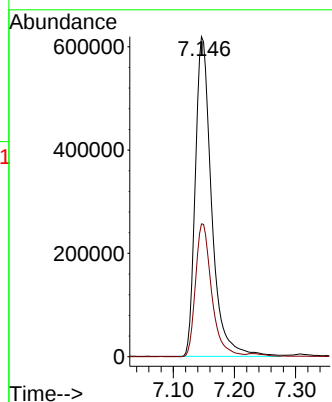
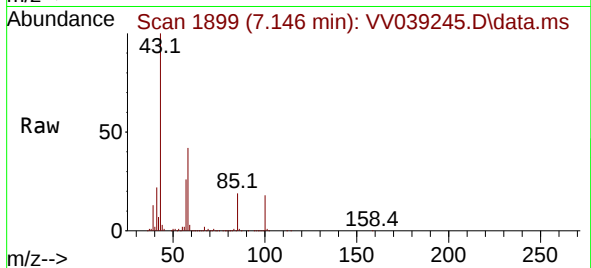
VV1003WBS01

Tgt Ion: 43 Resp: 1148145

Ion Ratio Lower Upper

43 100

58 41.2 32.3 48.5



#52

Toluene

Concen: 20.916 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039245.D

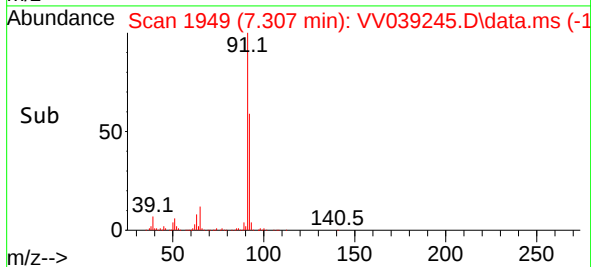
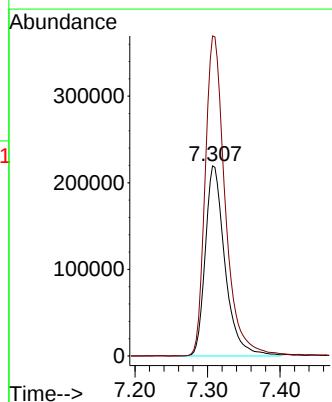
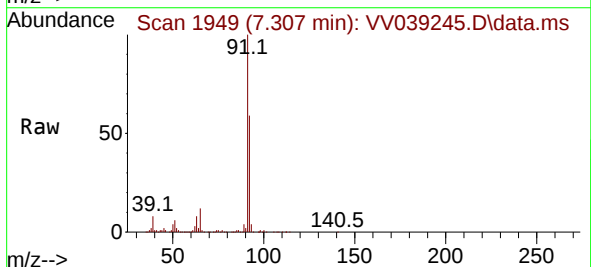
Acq: 03 Oct 2025 13:07

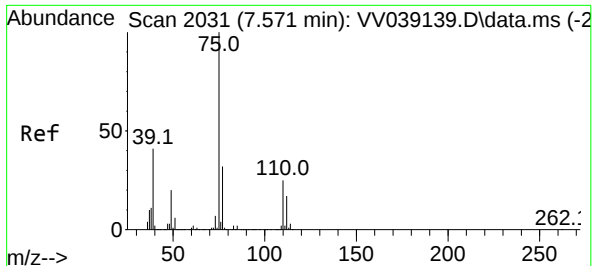
Tgt Ion: 92 Resp: 415826

Ion Ratio Lower Upper

92 100

91 171.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.080 ug/l

RT: 7.574 min Scan# 2031

Delta R.T. 0.003 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

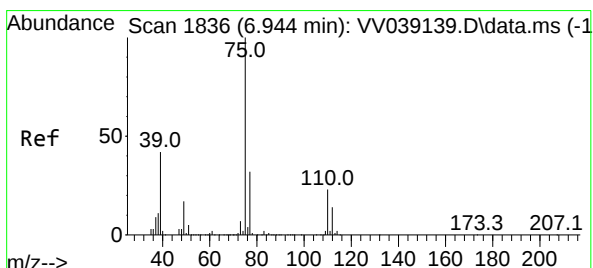
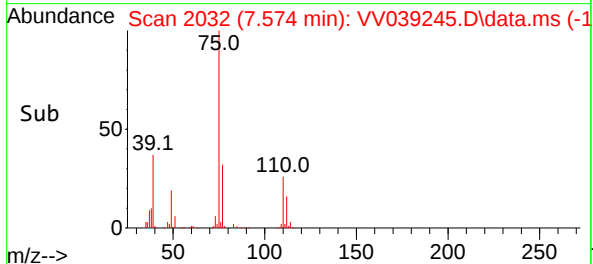
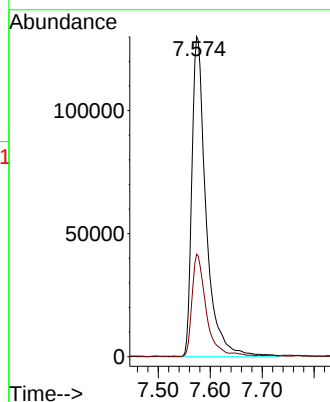
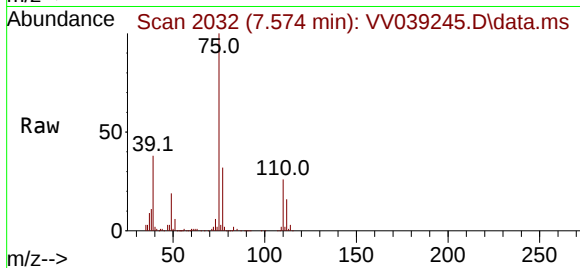
VV1003WBS01

Tgt Ion: 75 Resp: 247740

Ion Ratio Lower Upper

75 100

77 31.9 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 20.933 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.006 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

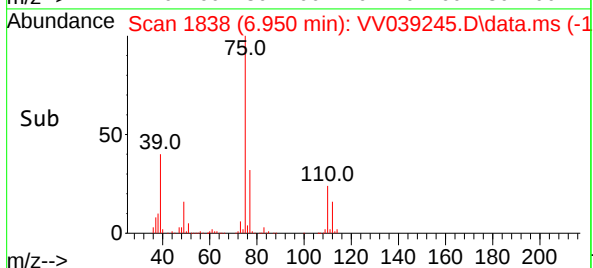
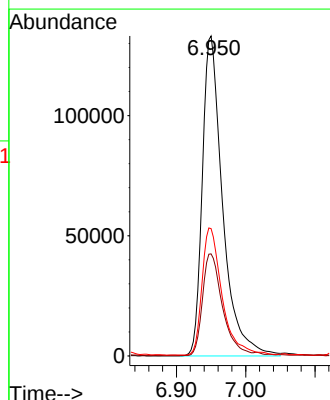
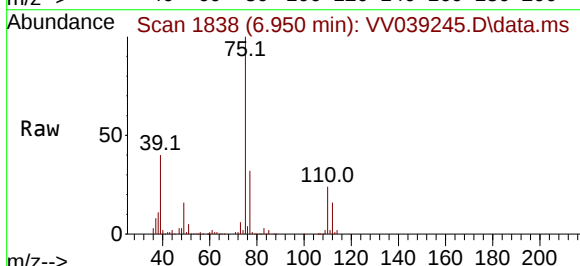
Tgt Ion: 75 Resp: 271589

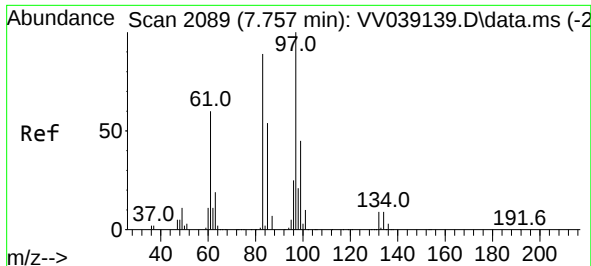
Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

39 39.5 33.8 50.6

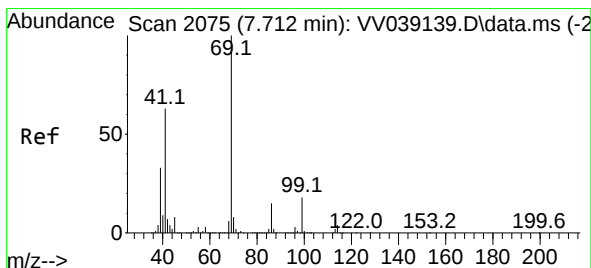
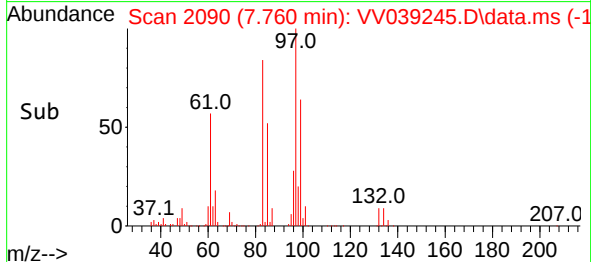
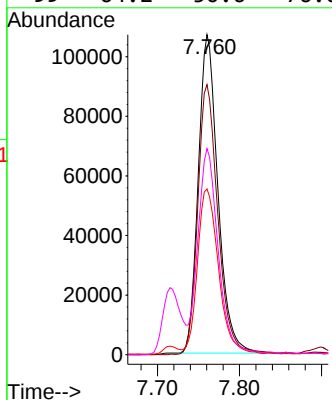
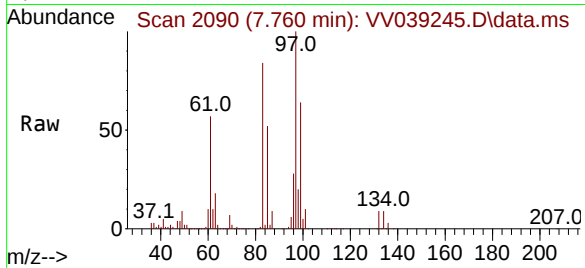




#55
1,1,2-Trichloroethane
Concen: 19.974 ug/l
RT: 7.760 min Scan# 2089
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

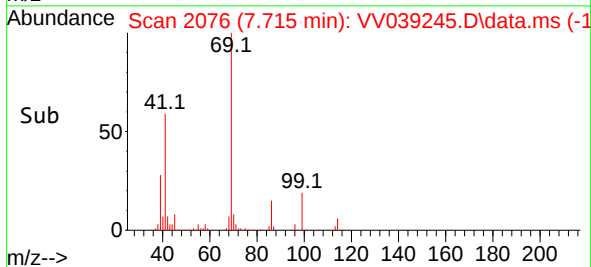
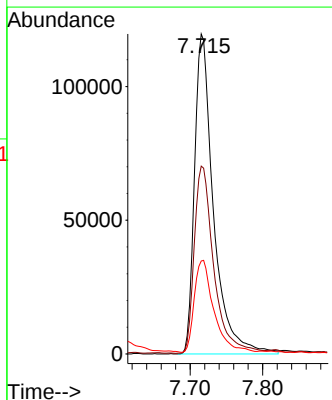
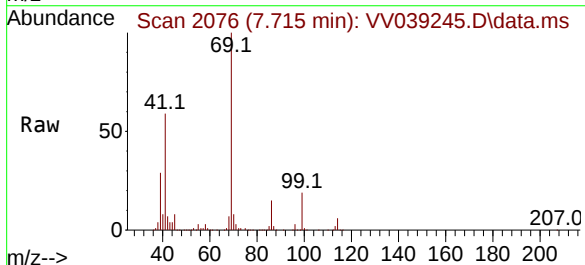
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Tgt Ion:	97	Resp:	178056
Ion	Ratio	Lower	Upper
97	100		
83	84.6	71.1	106.7
85	51.7	44.6	67.0
99	64.2	50.6	76.0



#56
Ethyl methacrylate
Concen: 20.572 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion:	69	Resp:	217780
Ion	Ratio	Lower	Upper
69	100		
41	60.1	50.7	76.1
39	29.5	26.0	39.0





#57

1,3-Dichloropropane

Concen: 20.470 ug/l

RT: 7.934 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

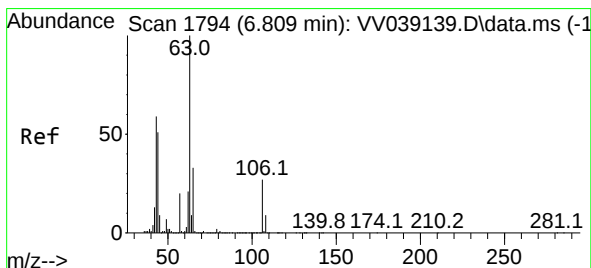
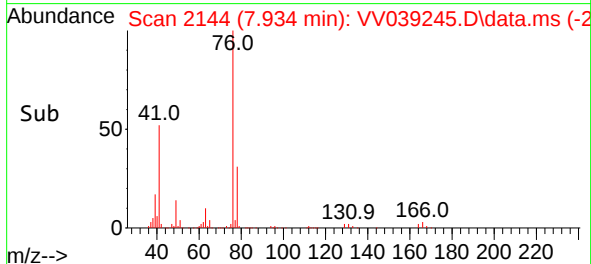
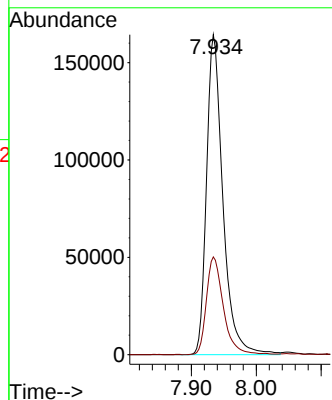
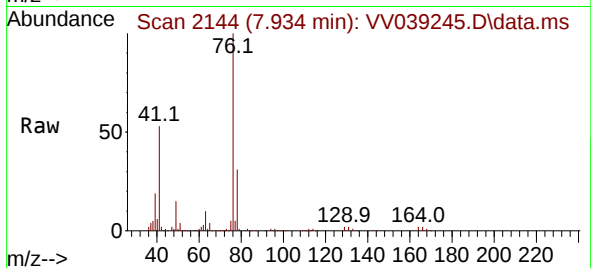
VV1003WBS01

Tgt Ion: 76 Resp: 287981

Ion Ratio Lower Upper

76 100

78 31.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 86.041 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VV039245.D

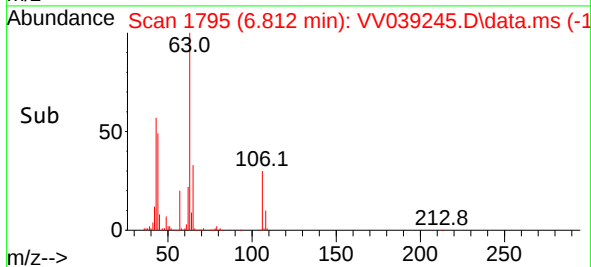
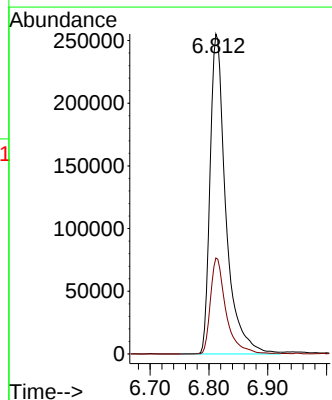
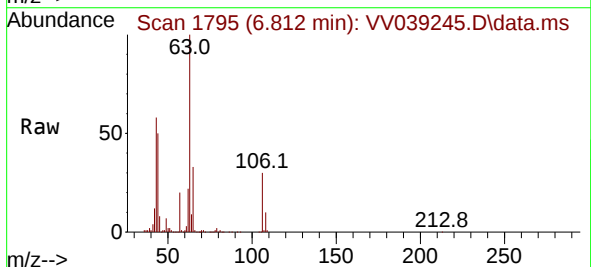
Acq: 03 Oct 2025 13:07

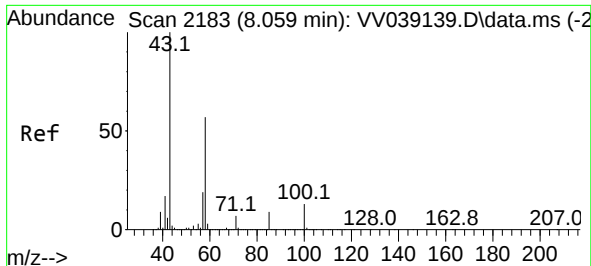
Tgt Ion: 63 Resp: 475072

Ion Ratio Lower Upper

63 100

106 29.5 22.1 33.1

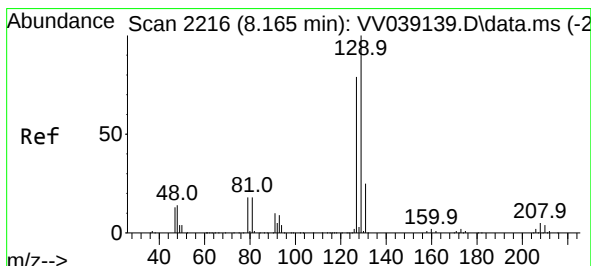
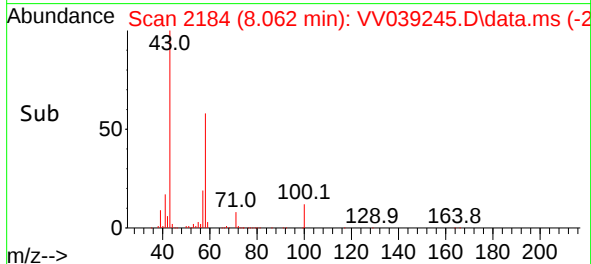
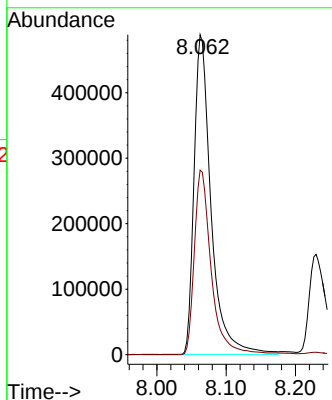
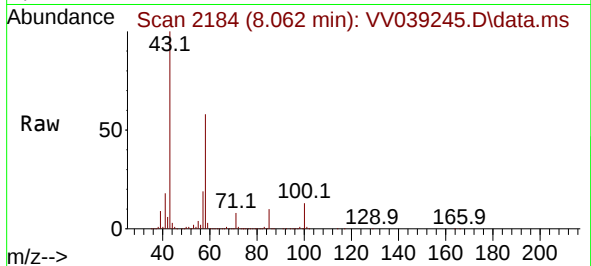




#59
2-Hexanone
Concen: 91.844 ug/l
RT: 8.062 min Scan# 2184
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

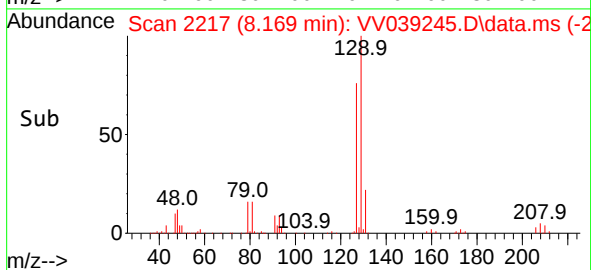
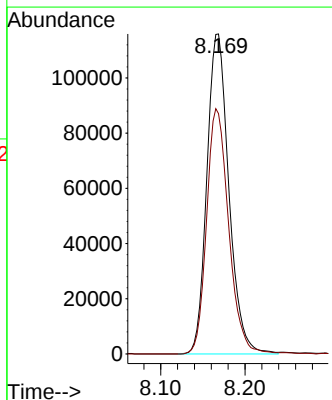
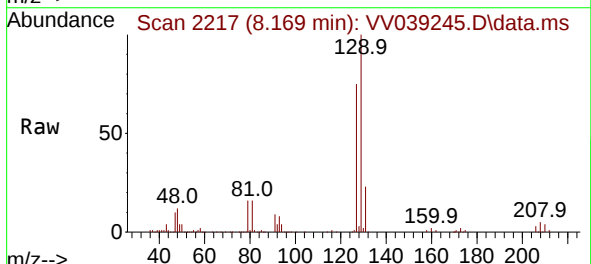
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Tgt Ion: 43 Resp: 835938
Ion Ratio Lower Upper
43 100
58 57.2 28.3 85.0



#60
Dibromochloromethane
Concen: 20.720 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 129 Resp: 210459
Ion Ratio Lower Upper
129 100
127 76.9 39.3 117.9

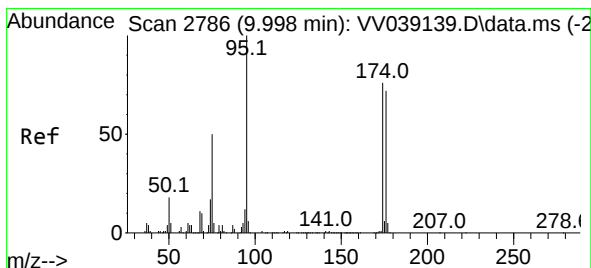
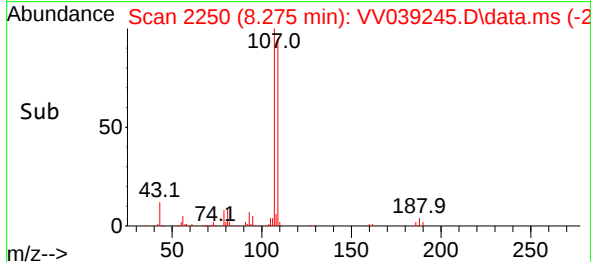
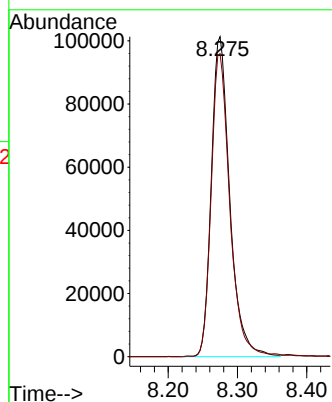
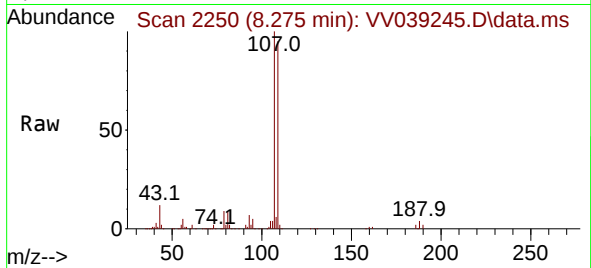




#61
1,2-Dibromoethane
Concen: 20.559 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

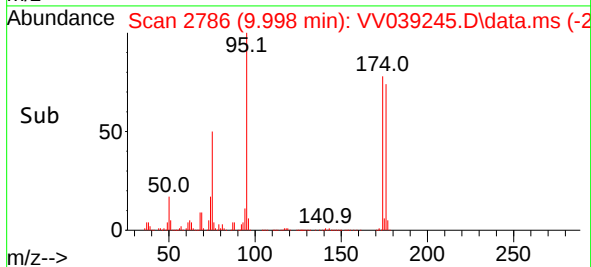
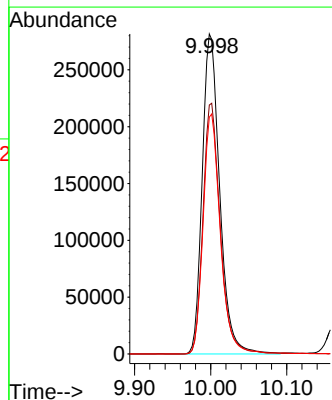
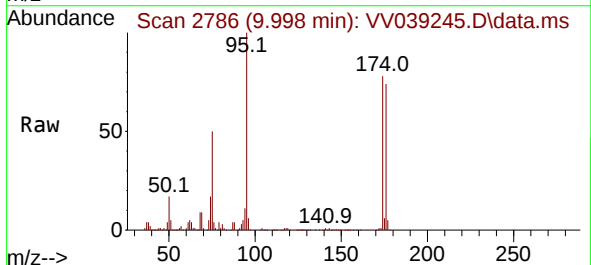
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

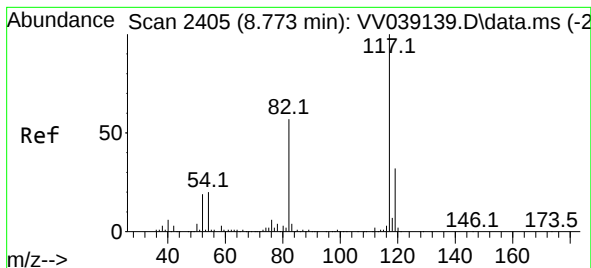
Tgt Ion:107 Resp: 187426
Ion Ratio Lower Upper
107 100
109 94.5 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 53.433 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 95 Resp: 449945
Ion Ratio Lower Upper
95 100
174 77.5 0.0 150.4
176 74.0 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBS01

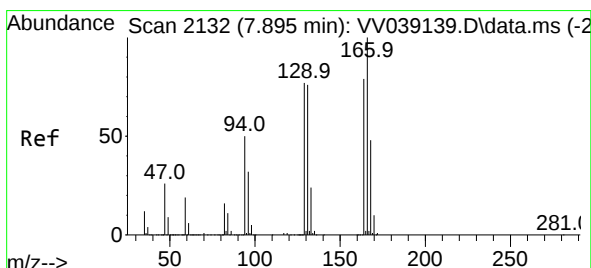
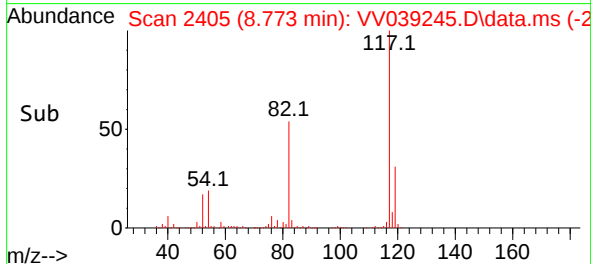
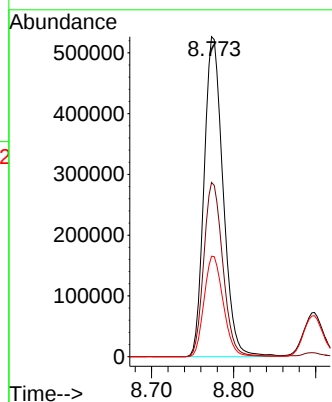
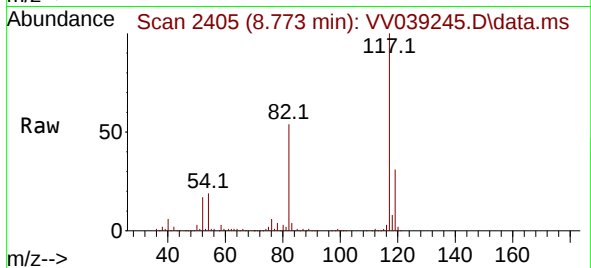
Tgt Ion:117 Resp: 845304

Ion Ratio Lower Upper

117 100

82 54.4 45.4 68.2

119 31.4 25.6 38.4



#64

Tetrachloroethene

Concen: 20.312 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Tgt Ion:164 Resp: 143810

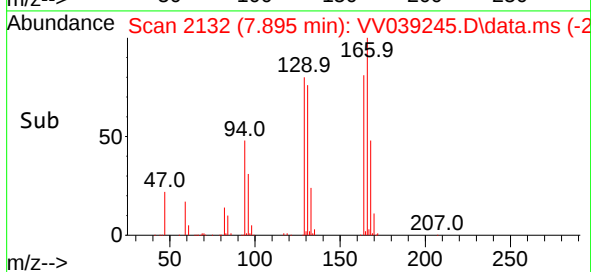
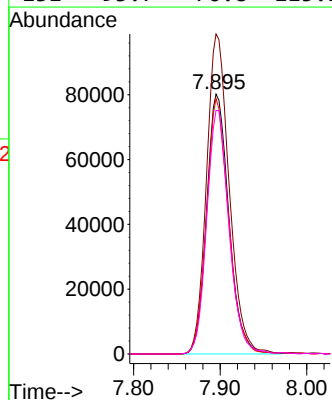
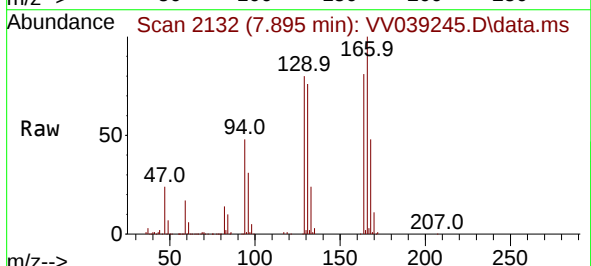
Ion Ratio Lower Upper

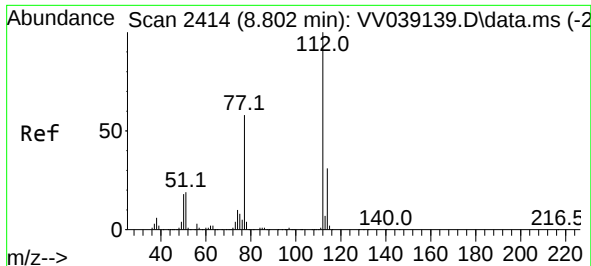
164 100

166 123.1 101.6 152.4

129 98.3 78.5 117.7

131 93.7 76.8 115.2

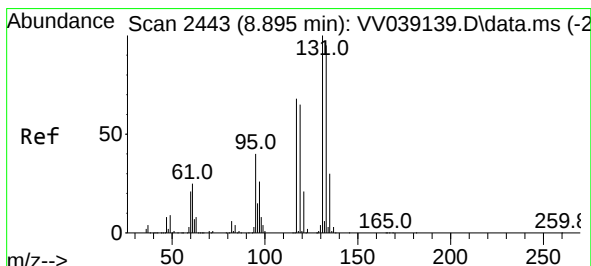
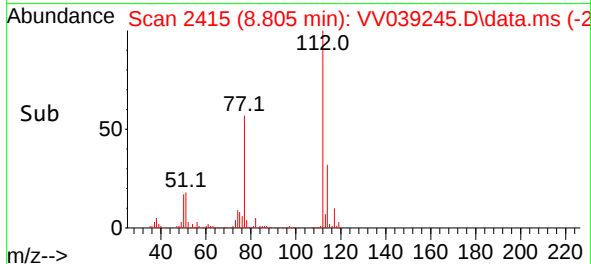
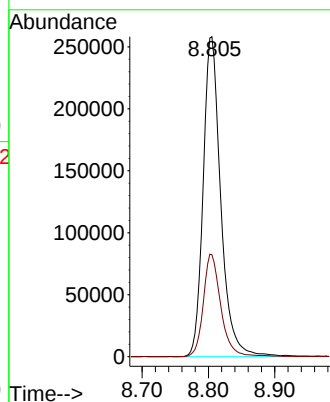
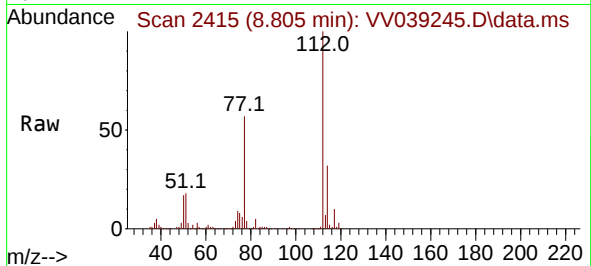




#65
Chlorobenzene
Concen: 20.230 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

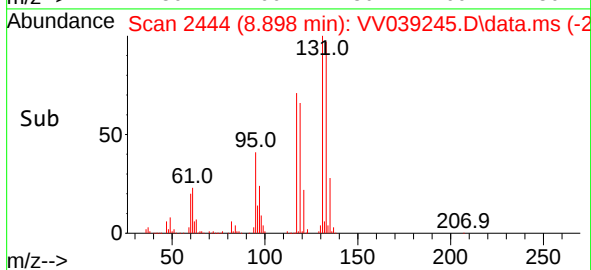
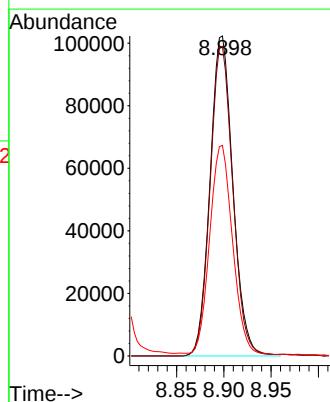
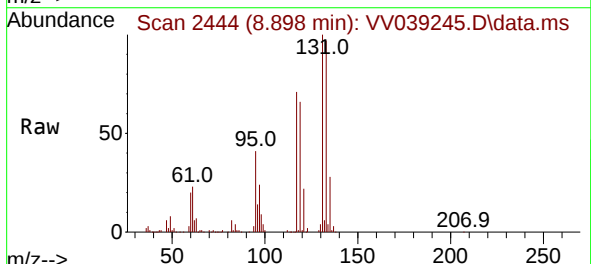
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

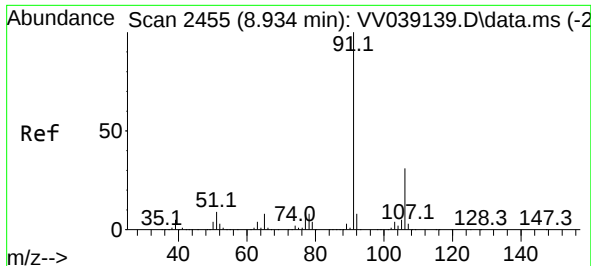
Tgt Ion:112 Resp: 476325
Ion Ratio Lower Upper
112 100
114 31.9 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.263 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion:131 Resp: 172386
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.8
119 65.5 33.3 99.8





#67

Ethyl Benzene

Concen: 20.218 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

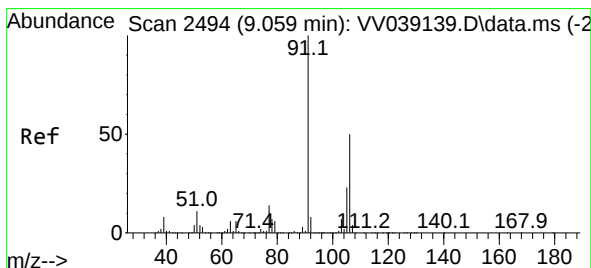
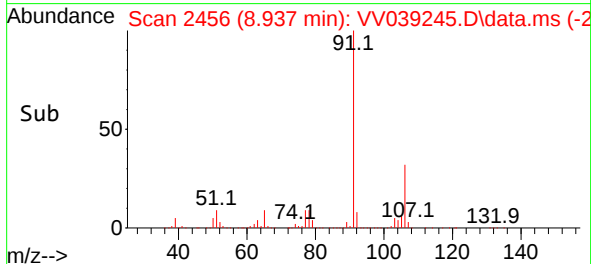
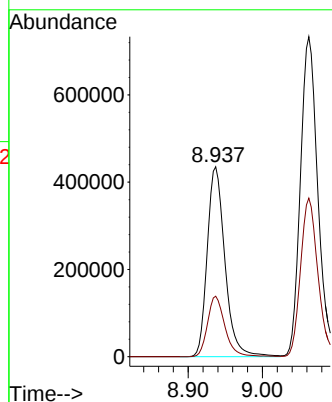
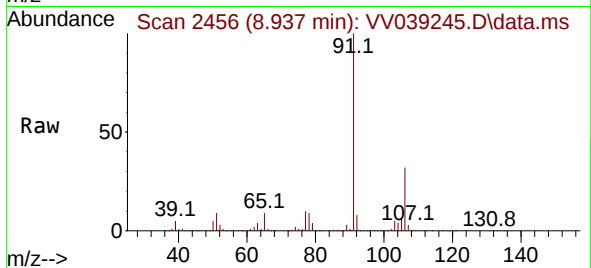
VV1003WBS01

Tgt Ion: 91 Resp: 720606

Ion Ratio Lower Upper

91 100

106 31.8 24.6 37.0



#68

m/p-Xylenes

Concen: 43.093 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. 0.003 min

Lab File: VV039245.D

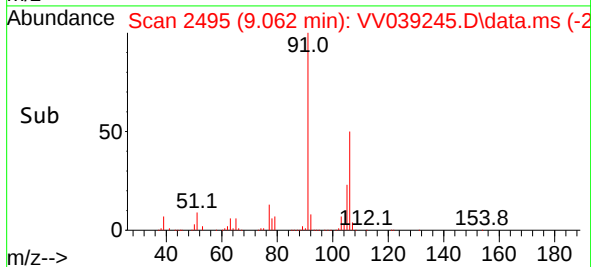
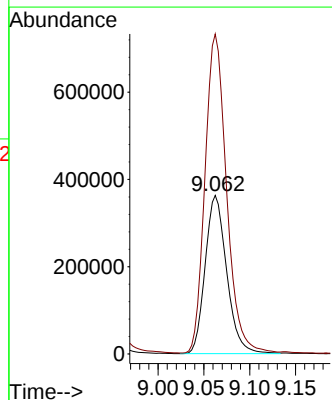
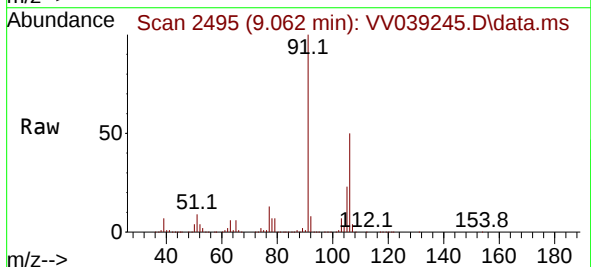
Acq: 03 Oct 2025 13:07

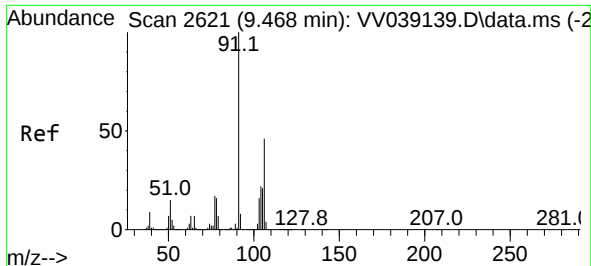
Tgt Ion: 106 Resp: 592787

Ion Ratio Lower Upper

106 100

91 201.4 162.5 243.7

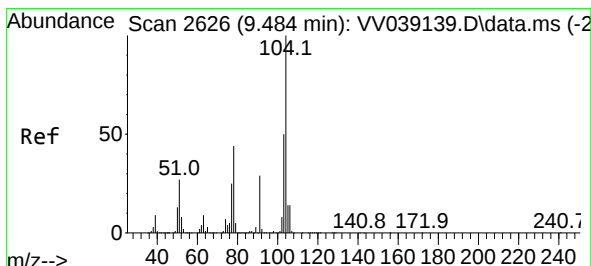
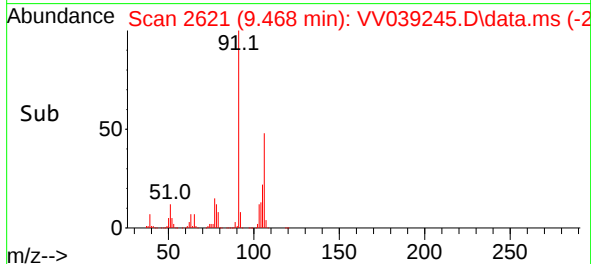
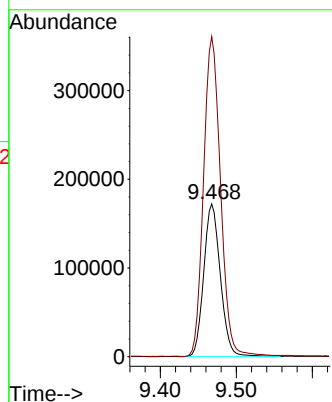
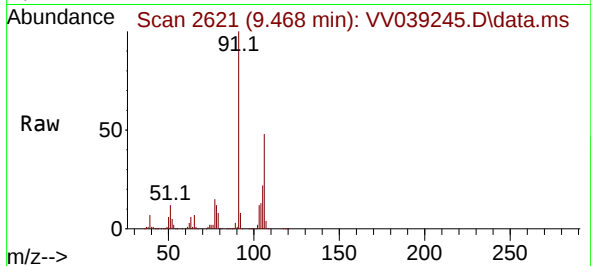




#69
o-Xylene
Concen: 21.510 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

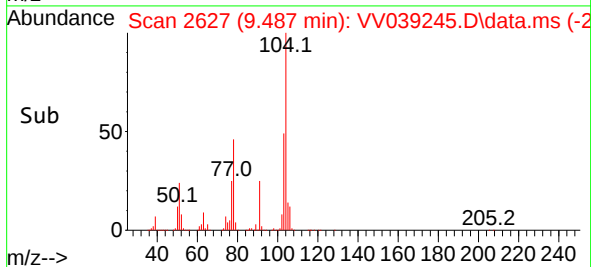
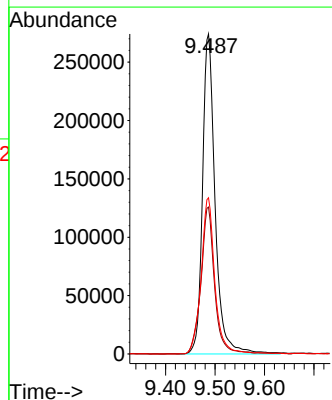
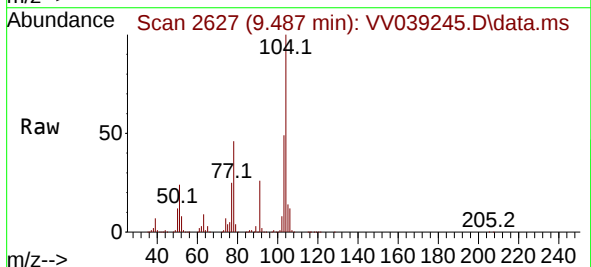
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

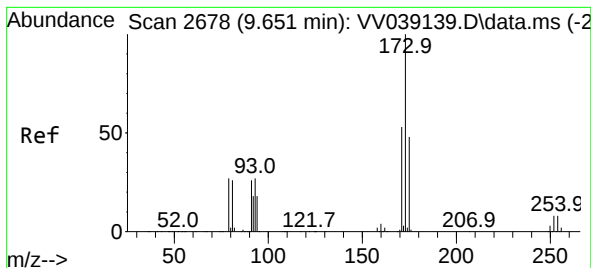
Tgt Ion:106 Resp: 261997
Ion Ratio Lower Upper
106 100
91 213.6 109.1 327.3



#70
Styrene
Concen: 19.731 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion:104 Resp: 486013
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.6
103 53.1 43.4 65.2





#71

Bromoform

Concen: 21.480 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBS01

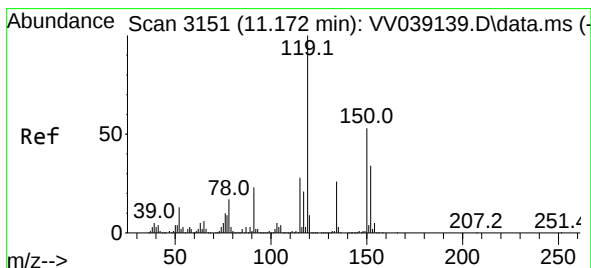
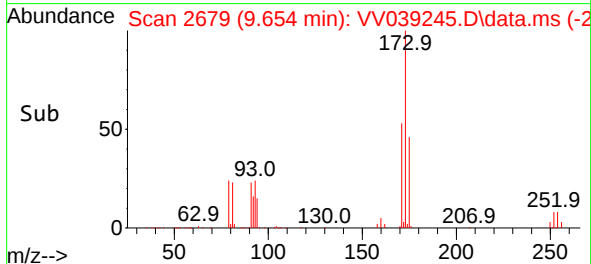
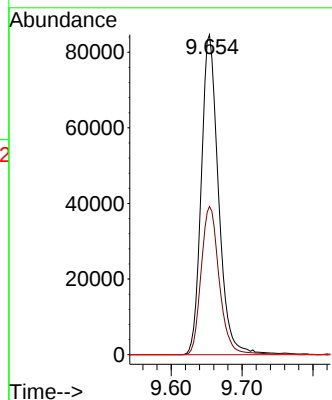
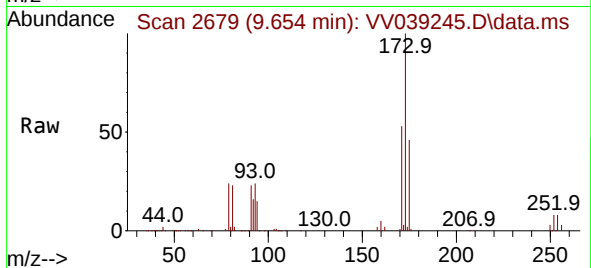
Tgt Ion:173 Resp: 142741

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

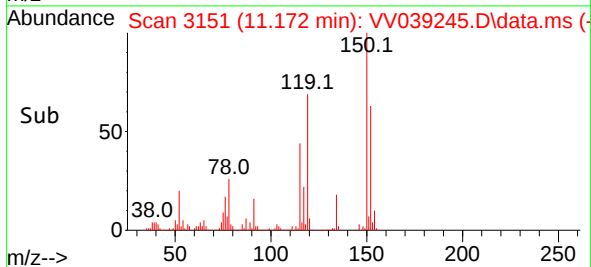
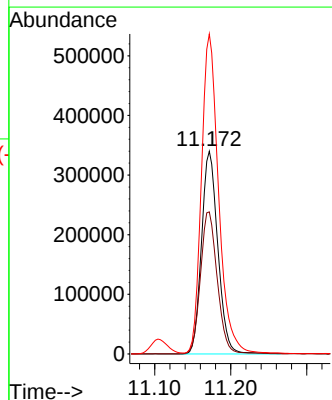
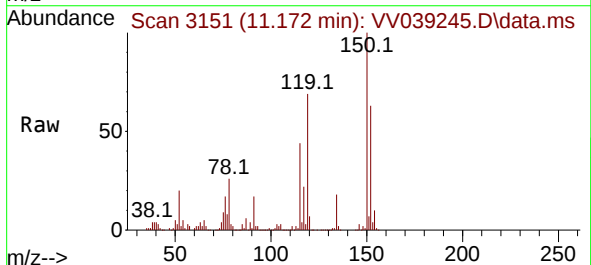
Tgt Ion:152 Resp: 506399

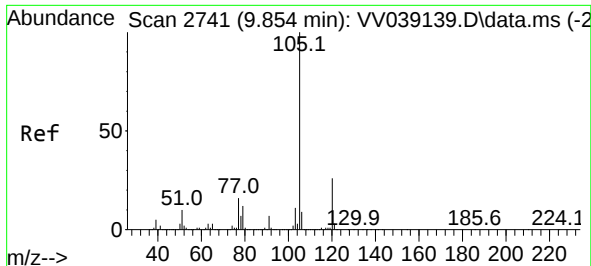
Ion Ratio Lower Upper

152 100

115 72.0 44.8 134.4

150 166.3 0.0 353.8

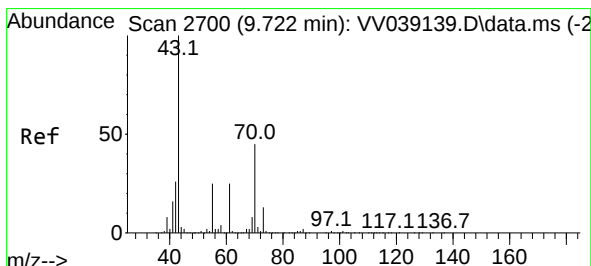
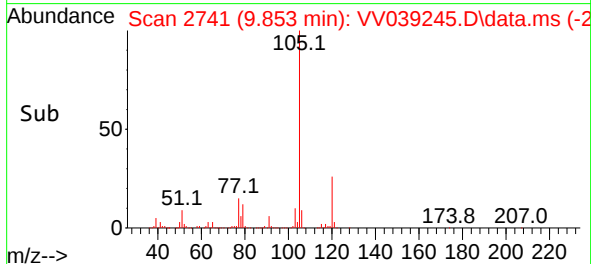
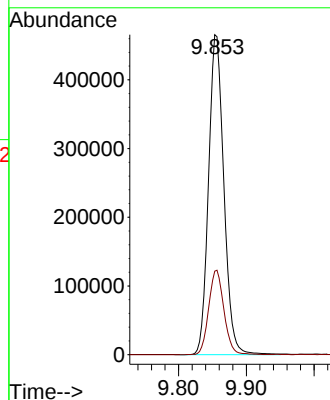
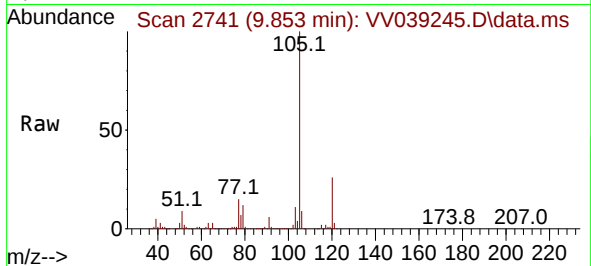




#73
Isopropylbenzene
Concen: 19.881 ug/l
RT: 9.853 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

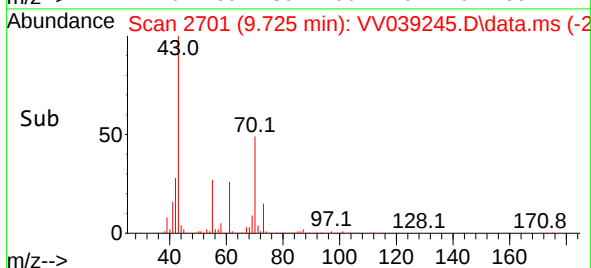
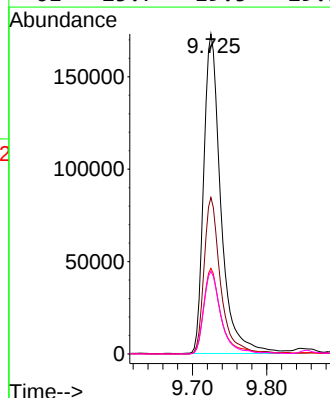
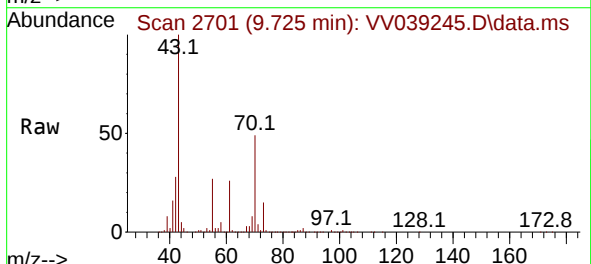
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

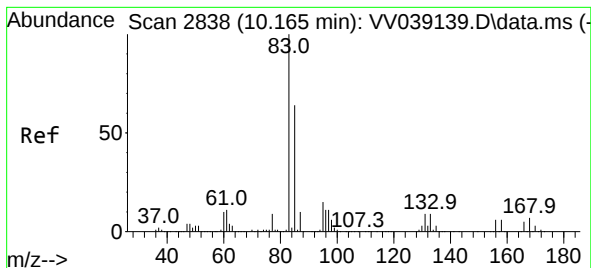
Tgt Ion:105 Resp: 730232
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#74
N-ethyl acetate
Concen: 18.957 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 43 Resp: 277738
Ion Ratio Lower Upper
43 100
70 46.7 35.4 53.0
55 27.0 20.6 30.8
61 25.7 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.156 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBS01

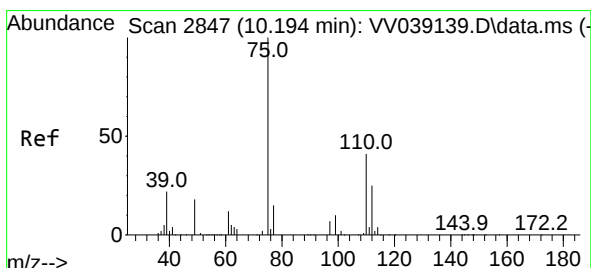
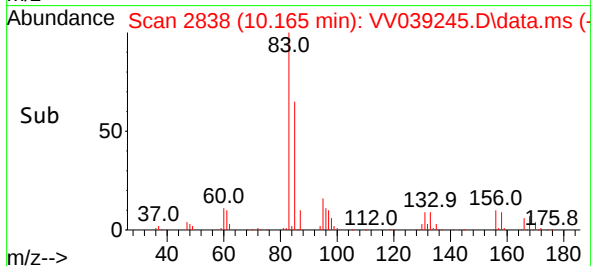
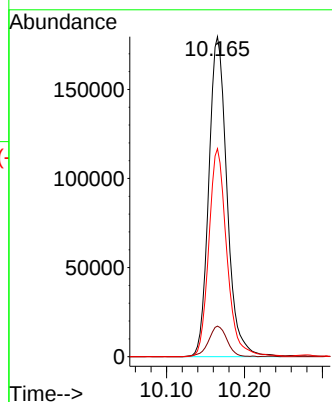
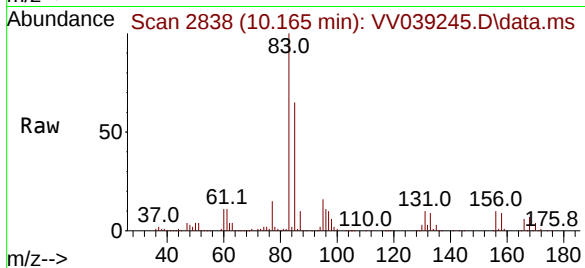
Tgt Ion: 83 Resp: 292188

Ion Ratio Lower Upper

83 100

131 9.7 4.5 13.7

85 64.2 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 18.111 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. 0.003 min

Lab File: VV039245.D

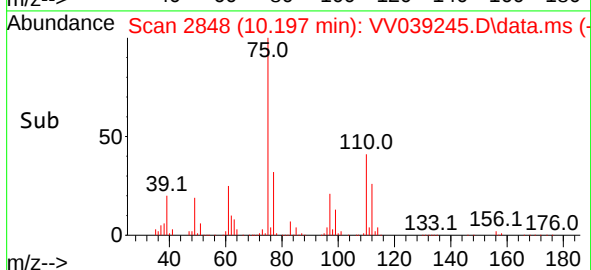
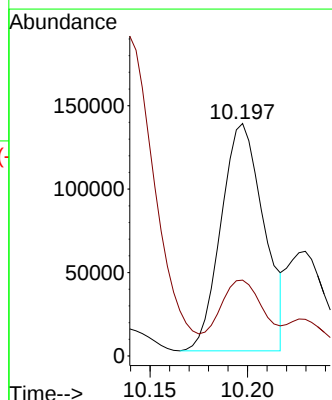
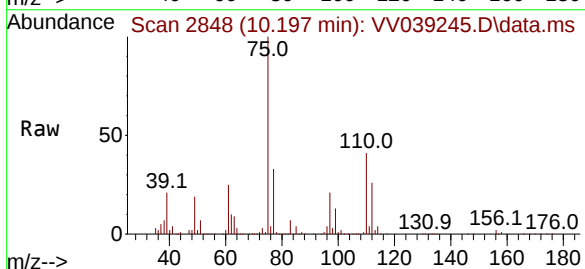
Acq: 03 Oct 2025 13:07

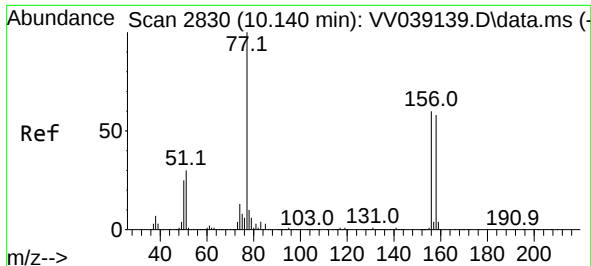
Tgt Ion: 75 Resp: 208818

Ion Ratio Lower Upper

75 100

77 21.2 11.3 33.8

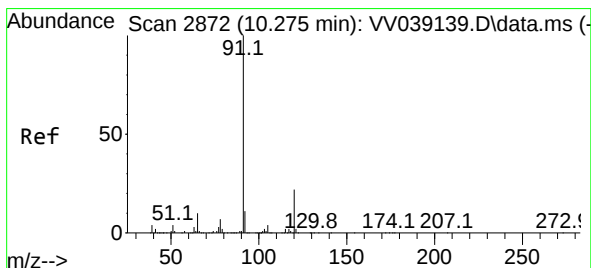
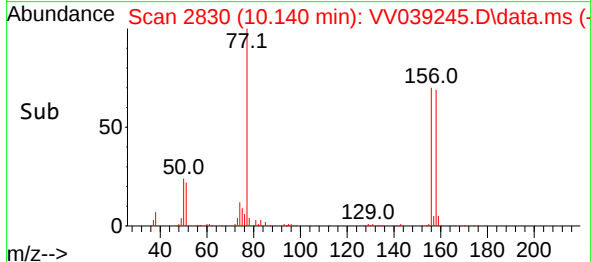
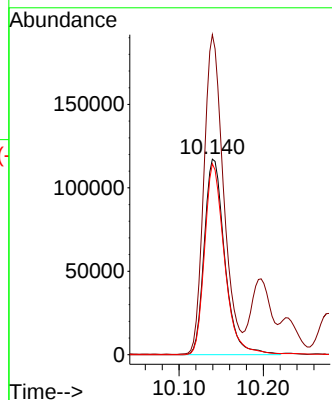
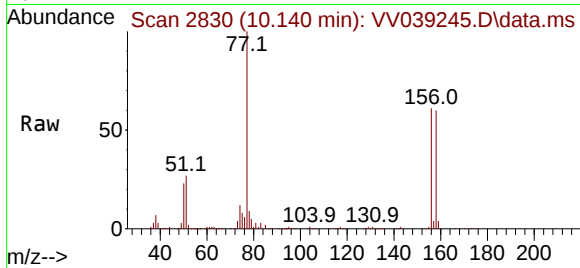




#77
Bromobenzene
Concen: 20.761 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

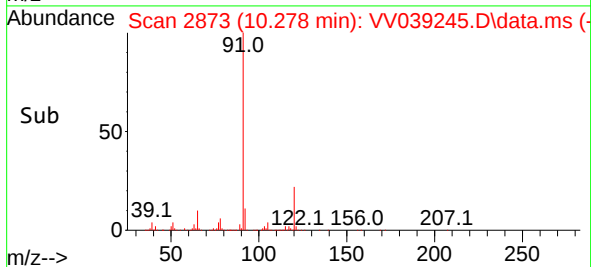
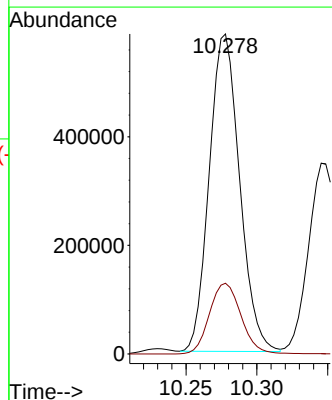
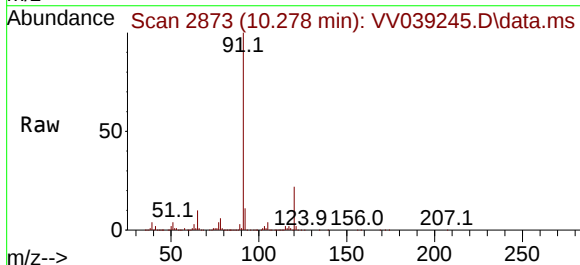
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

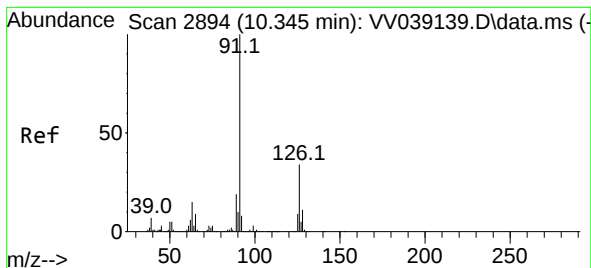
Tgt Ion:156 Resp: 197841
Ion Ratio Lower Upper
156 100
77 156.6 83.4 250.1
158 95.2 48.8 146.4



#78
n-propylbenzene
Concen: 19.466 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 91 Resp: 870650
Ion Ratio Lower Upper
91 100
120 23.2 11.1 33.3

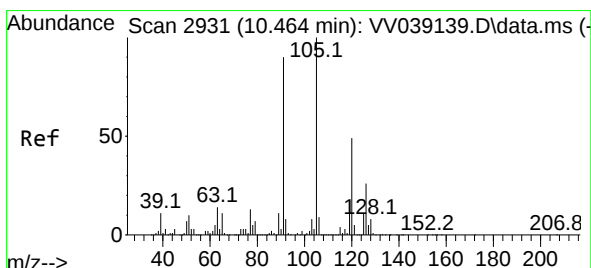
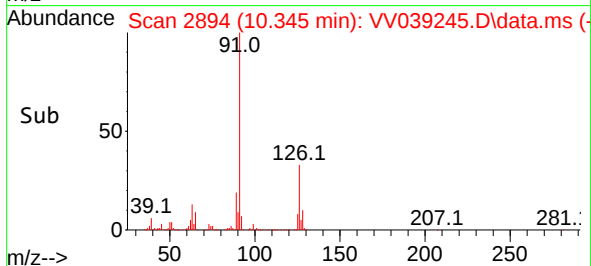
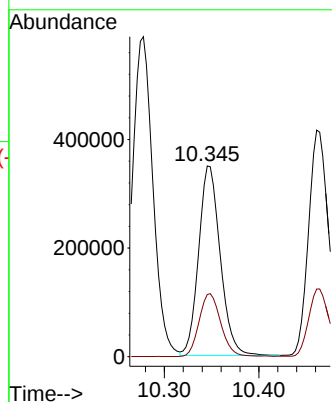
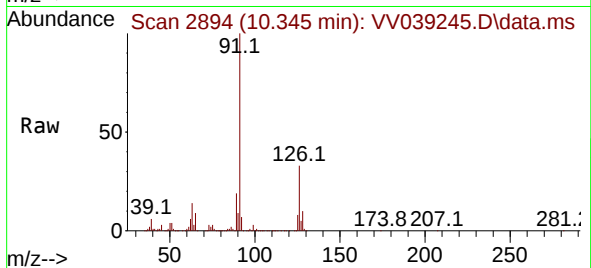




#79
2-Chlorotoluene
Concen: 20.649 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

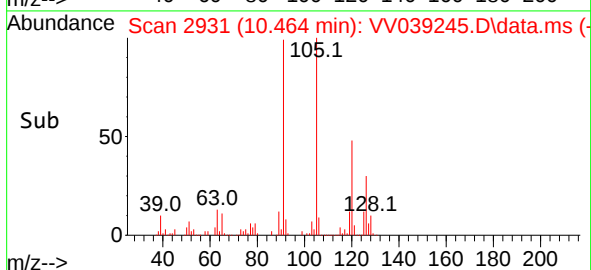
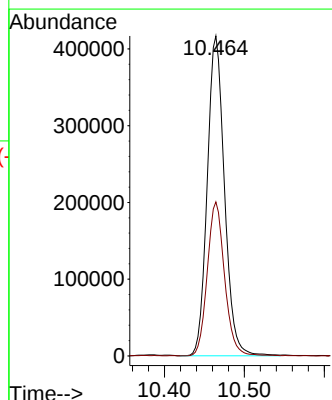
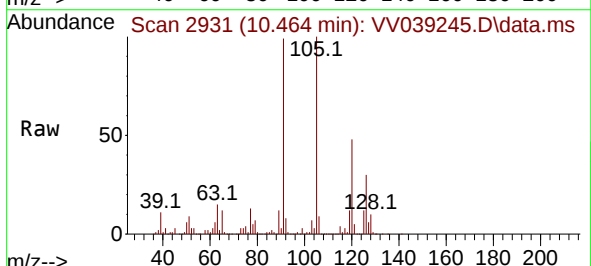
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

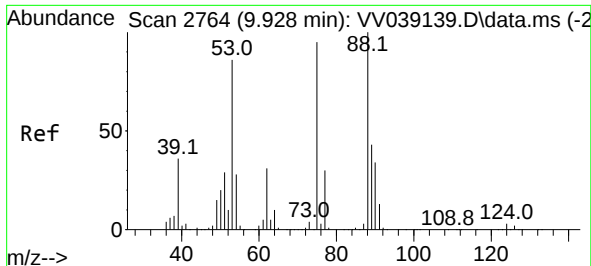
Tgt Ion: 91 Resp: 552648
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 20.437 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion: 105 Resp: 623906
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8

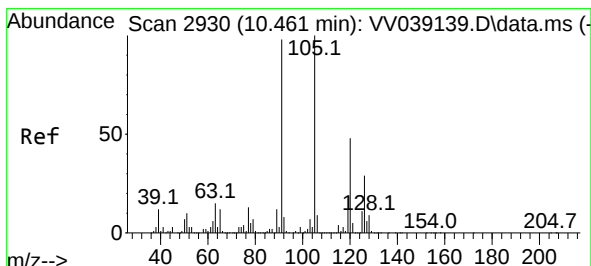
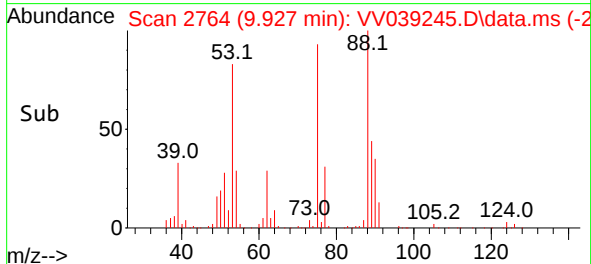
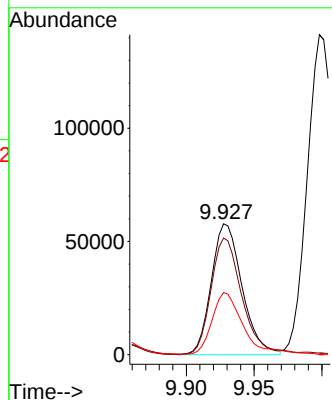
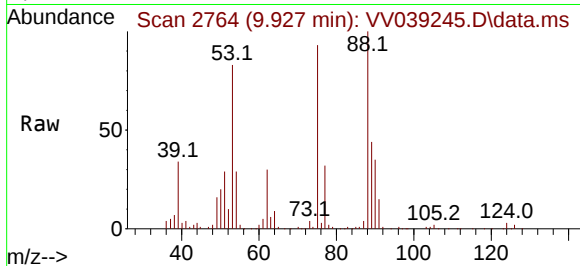




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.975 ug/l
 RT: 9.927 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VV039245.D
 Acq: 03 Oct 2025 13:07

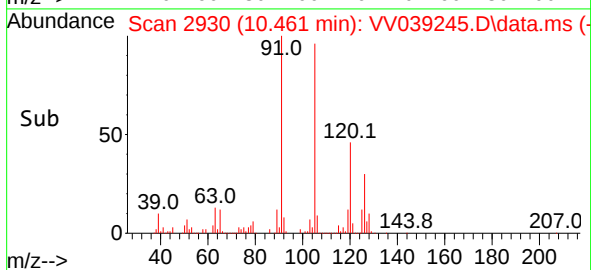
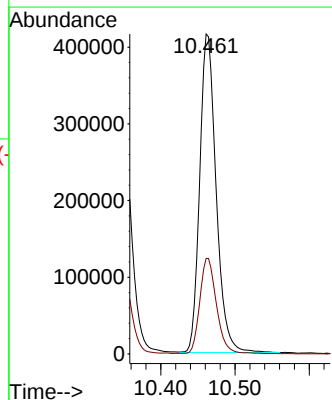
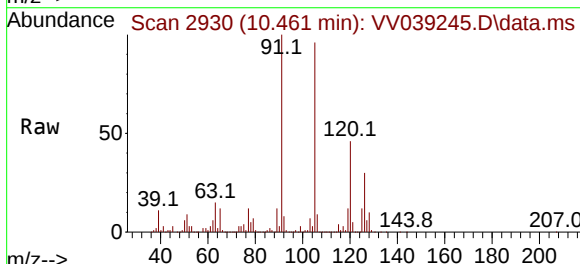
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1003WBS01

Tgt Ion: 75 Resp: 91130
 Ion Ratio Lower Upper
 75 100
 53 89.3 72.5 108.7
 89 48.4 37.2 55.8



#82
 4-Chlorotoluene
 Concen: 20.544 ug/l
 RT: 10.461 min Scan# 2930
 Delta R.T. -0.000 min
 Lab File: VV039245.D
 Acq: 03 Oct 2025 13:07

Tgt Ion: 91 Resp: 637564
 Ion Ratio Lower Upper
 91 100
 126 30.1 14.5 43.6





#83

tert-Butylbenzene

Concen: 19.264 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBS01

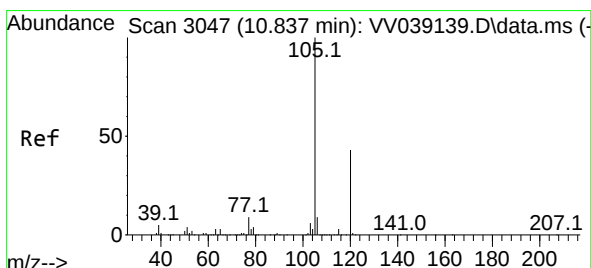
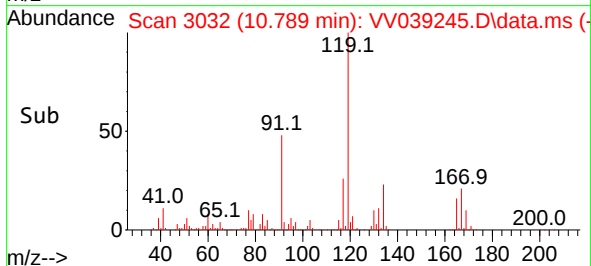
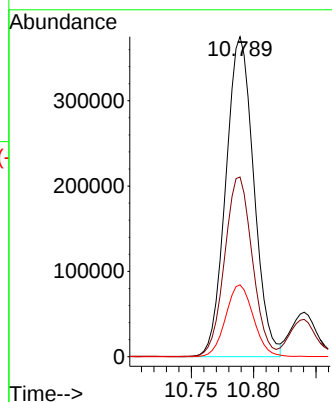
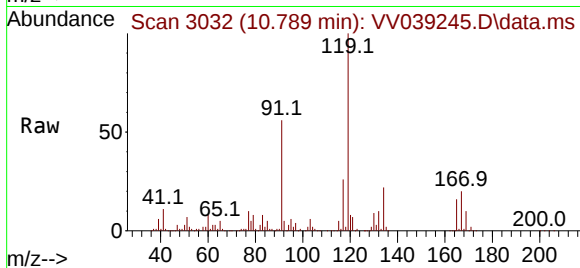
Tgt Ion:119 Resp: 586432

Ion Ratio Lower Upper

119 100

91 55.5 28.5 85.6

134 22.3 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 20.537 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039245.D

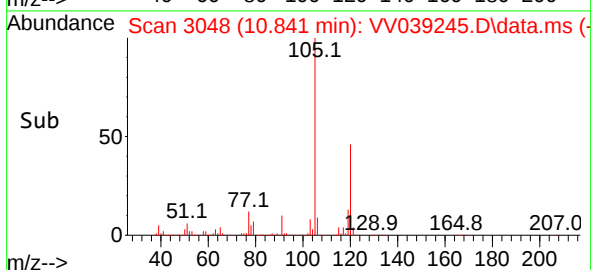
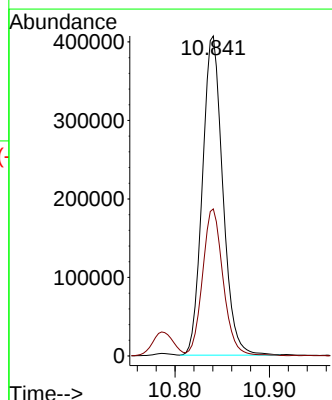
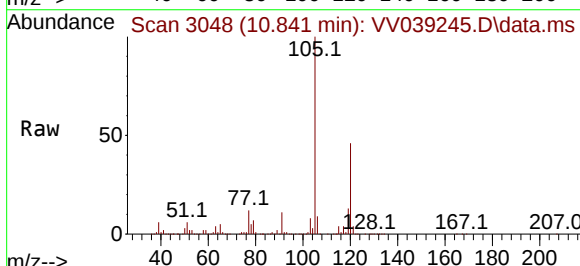
Acq: 03 Oct 2025 13:07

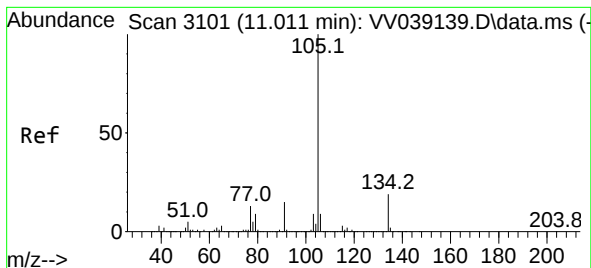
Tgt Ion:105 Resp: 608680

Ion Ratio Lower Upper

105 100

120 46.6 22.4 67.2





#85

sec-Butylbenzene

Concen: 18.937 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

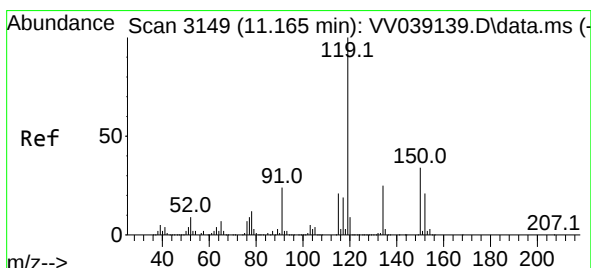
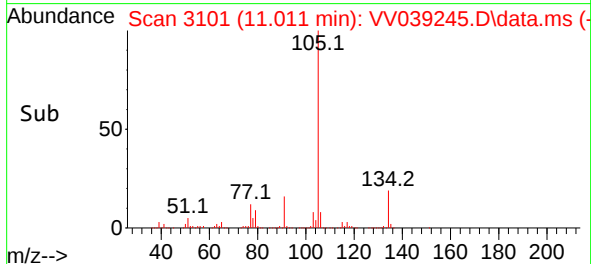
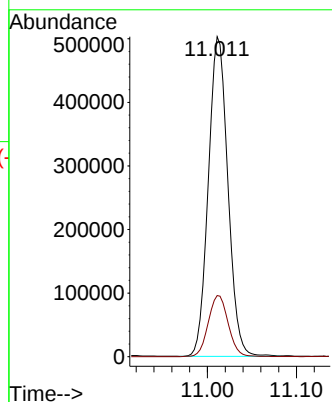
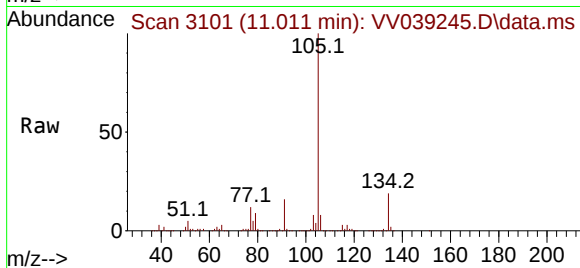
VV1003WBS01

Tgt Ion:105 Resp: 764641

Ion Ratio Lower Upper

105 100

134 19.6 9.6 28.8



#86

p-Isopropyltoluene

Concen: 19.237 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

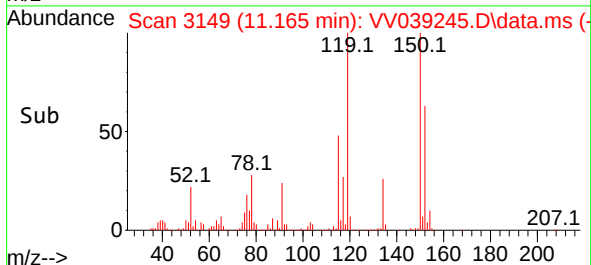
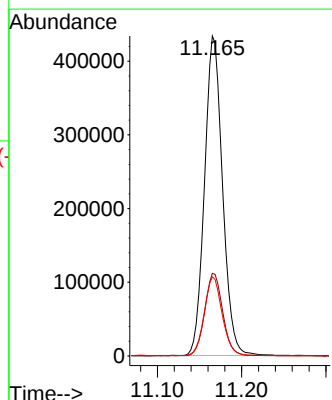
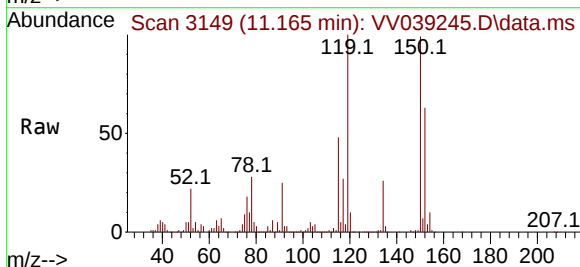
Tgt Ion:119 Resp: 646503

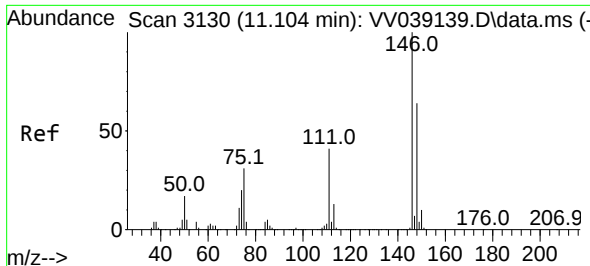
Ion Ratio Lower Upper

119 100

134 26.0 12.7 38.0

91 24.5 12.0 36.1

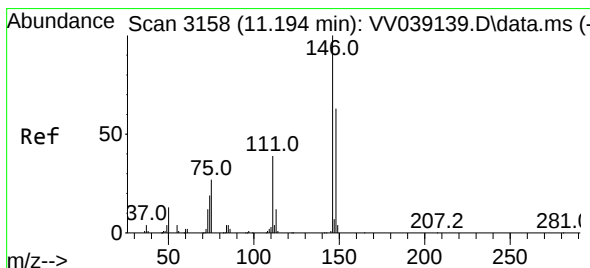
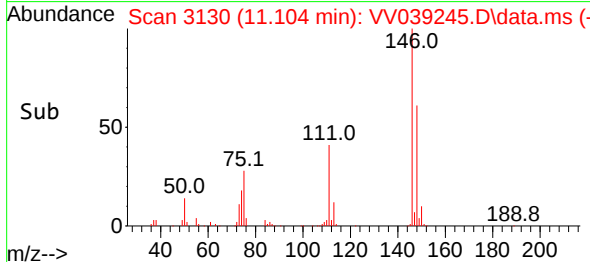
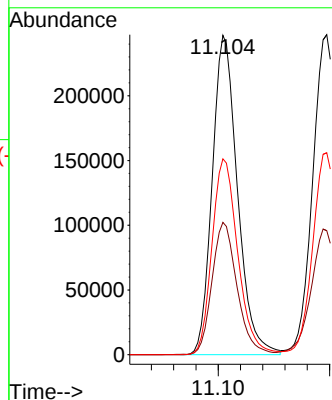
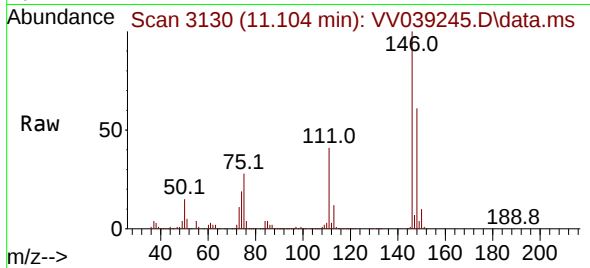




#87
1,3-Dichlorobenzene
Concen: 20.127 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

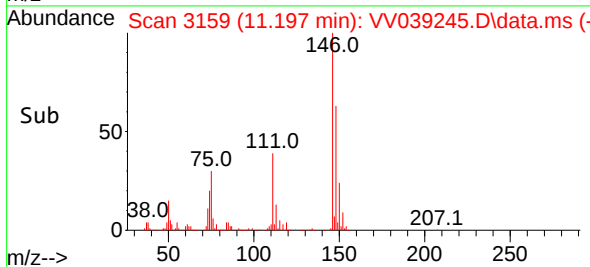
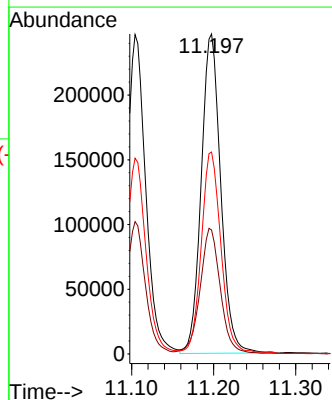
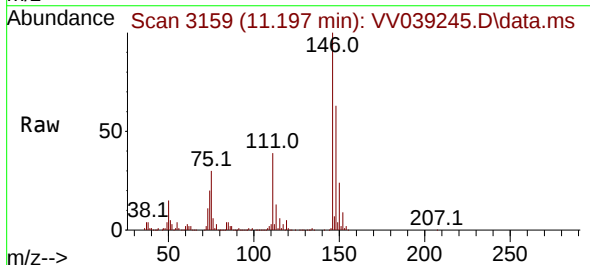
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

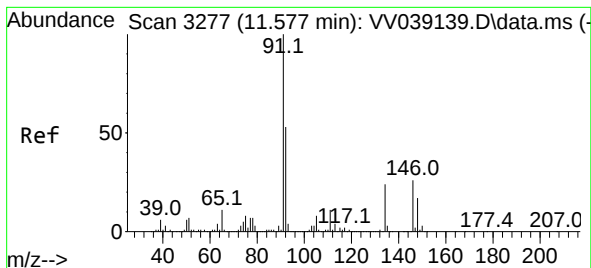
Tgt Ion:146 Resp: 388162
Ion Ratio Lower Upper
146 100
111 41.2 20.9 62.8
148 62.7 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 19.293 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion:146 Resp: 408220
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 63.0 31.4 94.2





#89

n-Butylbenzene

Concen: 18.289 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBS01

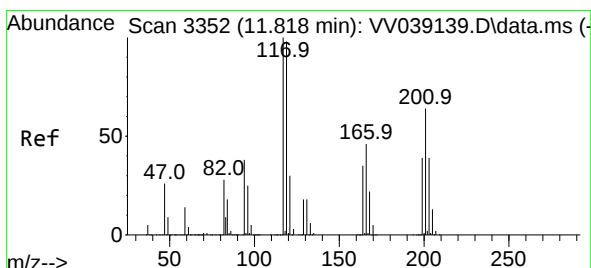
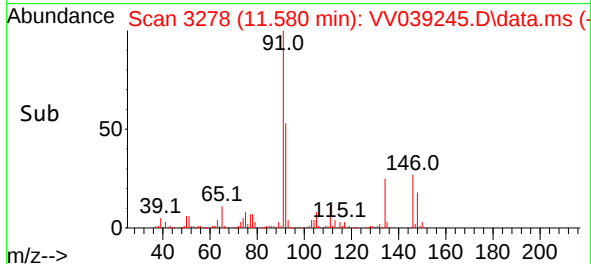
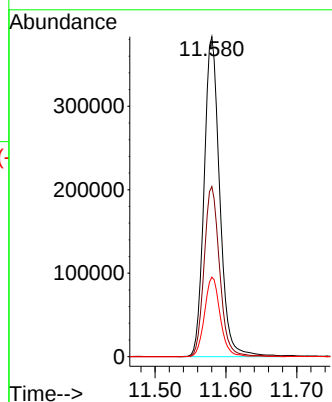
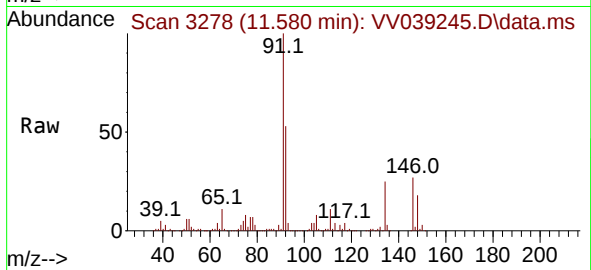
Tgt Ion: 91 Resp: 586984

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.8

134 25.1 12.1 36.3



#90

Hexachloroethane

Concen: 16.621 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. -0.000 min

Lab File: VV039245.D

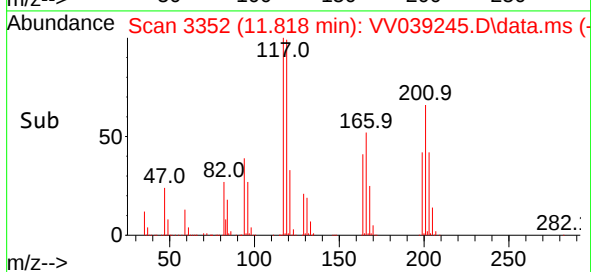
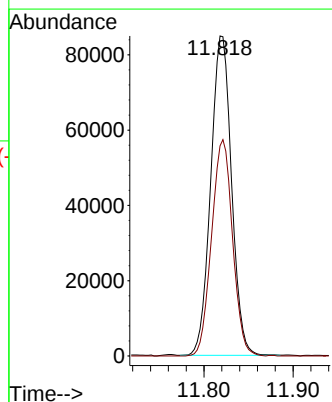
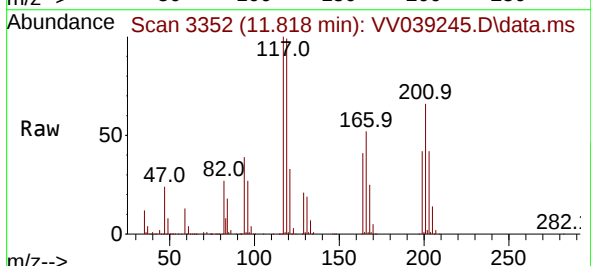
Acq: 03 Oct 2025 13:07

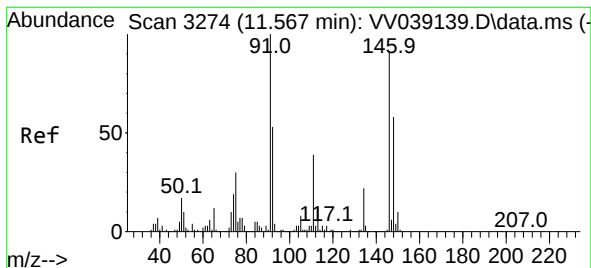
Tgt Ion: 117 Resp: 137547

Ion Ratio Lower Upper

117 100

201 68.3 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 19.715 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBS01

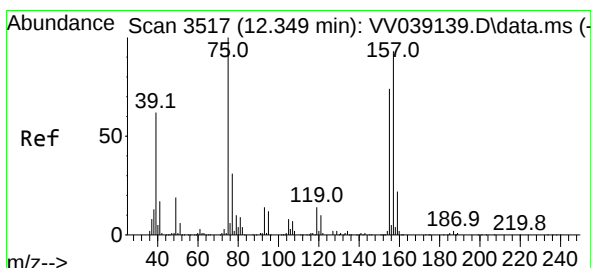
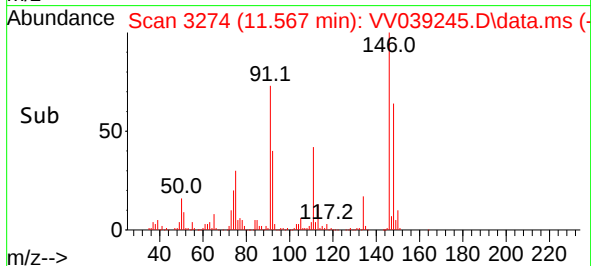
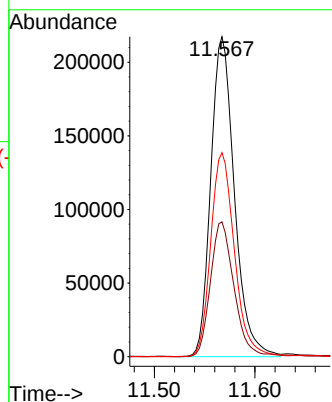
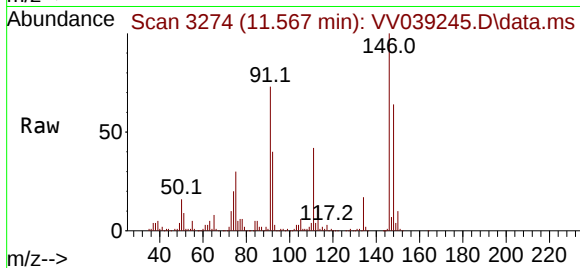
Tgt Ion:146 Resp: 355232

Ion Ratio Lower Upper

146 100

111 42.0 21.5 64.5

148 64.2 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.532 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

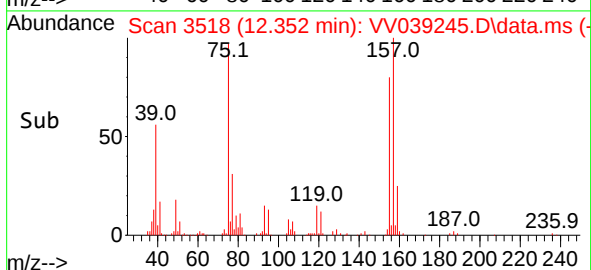
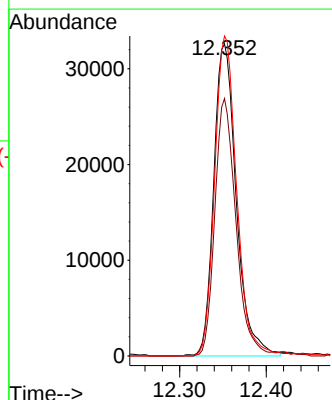
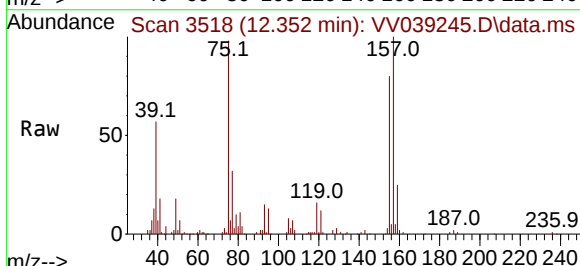
Tgt Ion: 75 Resp: 58842

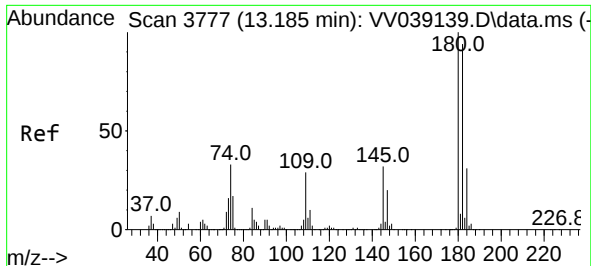
Ion Ratio Lower Upper

75 100

155 77.1 38.6 115.8

157 99.7 49.5 148.3

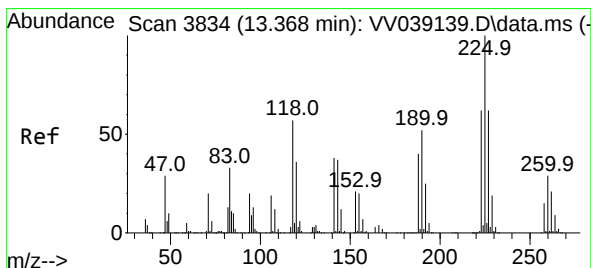
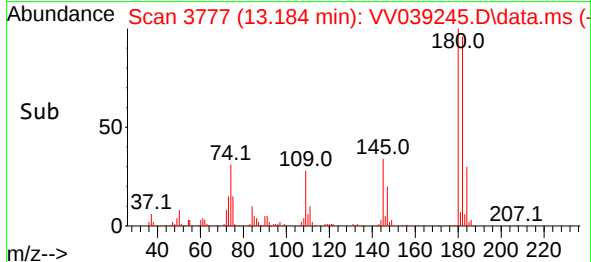
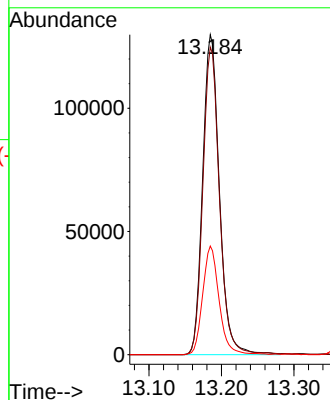
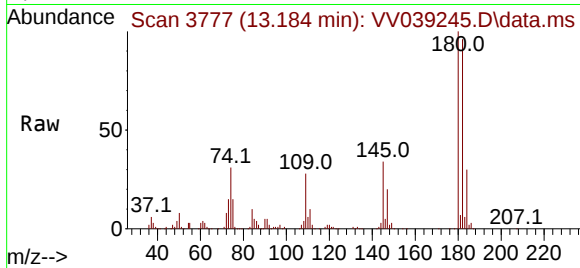




#93
1,2,4-Trichlorobenzene
Concen: 20.205 ug/l
RT: 13.184 min Scan# 31
Delta R.T. -0.001 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

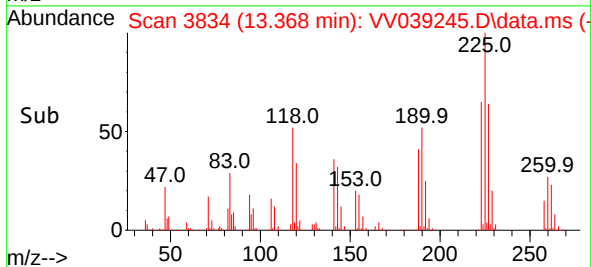
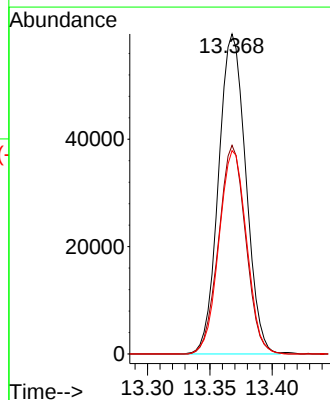
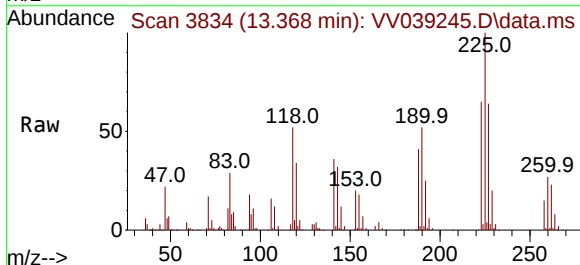
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

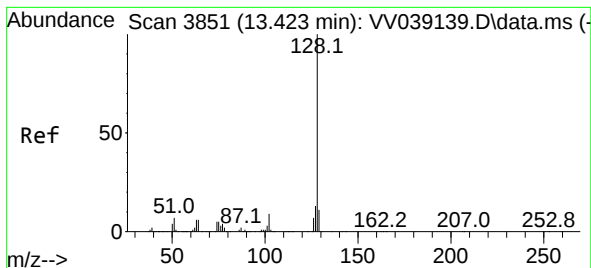
Tgt Ion:180 Resp: 208698
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.4
145 33.3 16.3 48.8



#94
Hexachlorobutadiene
Concen: 16.928 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VV039245.D
Acq: 03 Oct 2025 13:07

Tgt Ion:225 Resp: 90851
Ion Ratio Lower Upper
225 100
223 64.8 31.6 94.7
227 64.1 31.8 95.4





#95

Naphthalene

Concen: 19.595 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBS01

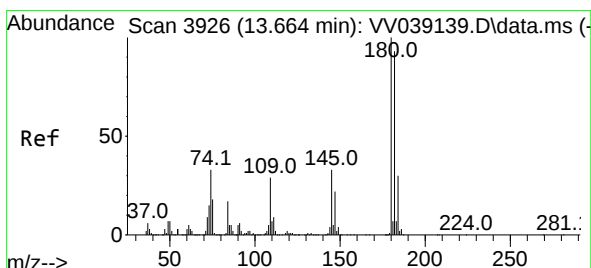
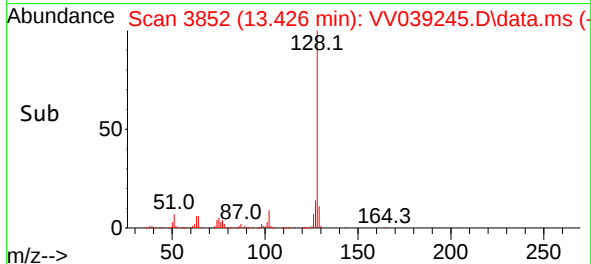
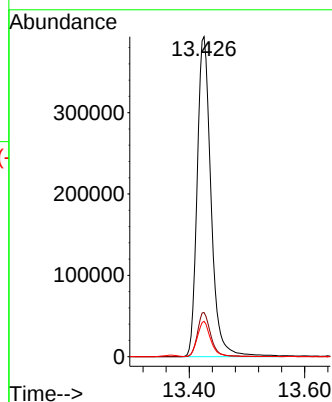
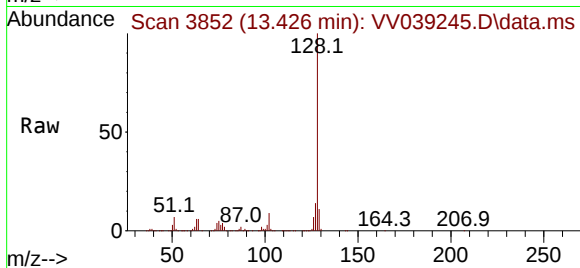
Tgt Ion:128 Resp: 654167

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.850 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV039245.D

Acq: 03 Oct 2025 13:07

Tgt Ion:180 Resp: 209698

Ion Ratio Lower Upper

180 100

182 94.9 46.9 140.8

145 34.5 17.0 51.0

