

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
 Data File : VV039331.D
 Acq On : 05 Nov 2025 12:55
 Operator : SY/MD
 Sample : VV1105WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1105WBS01

Quant Time: Nov 06 00:12:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	708659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1110235	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1080434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	614058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	514415	51.086	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 102.180%	
35) Dibromofluoromethane	4.500	113	456250	52.156	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 104.320%	
50) Toluene-d8	7.233	98	1613297	54.211	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 108.420%	
62) 4-Bromofluorobenzene	9.998	95	582338	54.945	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 109.880%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	151845	16.953	ug/l	98
3) Chloromethane	1.230	50	165321	17.728	ug/l	99
4) Vinyl Chloride	1.298	62	192110	18.058	ug/l	100
5) Bromomethane	1.500	94	120166	17.409	ug/l	99
6) Chloroethane	1.561	64	130509	20.911	ug/l	97
7) Trichlorofluoromethane	1.729	101	305780	18.814	ug/l	98
8) Diethyl Ether	1.918	74	107151	18.244	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	187255	19.242	ug/l	99
10) Methyl Iodide	2.198	142	146915	17.522	ug/l	99
11) Tert butyl alcohol	2.561	59	157784	80.854	ug/l	99
12) 1,1-Dichloroethene	2.082	96	174560	18.268	ug/l	98
13) Acrolein	2.011	56	57251	45.044	ug/l	97
14) Allyl chloride	2.359	41	277096	18.293	ug/l	99
15) Acrylonitrile	2.674	53	507942	87.770	ug/l	99
16) Acetone	2.118	43	503726	101.543	ug/l	100
17) Carbon Disulfide	2.256	76	493771	18.295	ug/l	99
18) Methyl Acetate	2.378	43	213694	16.377	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	541798	18.838	ug/l	99
20) Methylene Chloride	2.458	84	199081	20.991	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	187193	18.606	ug/l	100
22) Diisopropyl ether	3.214	45	556242	20.453	ug/l	84
23) Vinyl Acetate	3.188	43	2368390	99.199	ug/l	100
24) 1,1-Dichloroethane	3.118	63	341031	18.718	ug/l	99
25) 2-Butanone	3.863	43	583217	94.706	ug/l	98
26) 2,2-Dichloropropane	3.809	77	281507	19.183	ug/l	98
27) cis-1,2-Dichloroethene	3.818	96	196769	19.533	ug/l	99
28) Bromochloromethane	4.146	49	150455	19.369	ug/l	98
29) Tetrahydrofuran	4.236	42	360292	91.504	ug/l	98
30) Chloroform	4.278	83	357431	19.237	ug/l	96
31) Cyclohexane	4.584	56	263859	19.883	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	313414	19.293	ug/l	99
36) 1,1-Dichloropropene	4.744	75	216998	19.750	ug/l	99
37) Ethyl Acetate	3.976	43	223250	17.356	ug/l	98
38) Carbon Tetrachloride	4.735	117	262131	19.582	ug/l	98
39) Methylcyclohexane	6.047	83	247722	19.727	ug/l	98
40) Benzene	5.008	78	720093	20.424	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	92536	17.943	ug/l	93
42) 1,2-Dichloroethane	5.040	62	236736	19.132	ug/l	99
43) Isopropyl Acetate	5.191	43	336423	19.977	ug/l	99
44) Trichloroethene	5.831	130	176863	19.948	ug/l	98
45) 1,2-Dichloropropane	6.088	63	177521	20.692	ug/l	98
46) Dibromomethane	6.227	93	133875	18.669	ug/l	95
47) Bromodichloromethane	6.426	83	280100	19.824	ug/l	99
48) Methyl methacrylate	6.297	41	145594	18.662	ug/l	97
49) 1,4-Dioxane	6.291	88	45801	352.907	ug/l	98
51) 4-Methyl-2-Pentanone	7.146	43	1188077	101.690	ug/l	97
52) Toluene	7.307	92	457126	21.474	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	249007	20.165	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	284815	20.746	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	189312	19.695	ug/l	96
56) Ethyl methacrylate	7.715	69	220114	20.212	ug/l	98
57) 1,3-Dichloropropane	7.934	76	300599	20.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	652369	104.109	ug/l	99
59) 2-Hexanone	8.063	43	869269	101.345	ug/l	98
60) Dibromochloromethane	8.166	129	224872	20.008	ug/l	100
61) 1,2-Dibromoethane	8.272	107	201175	20.100	ug/l	99
64) Tetrachloroethene	7.895	164	158158	20.067	ug/l	98
65) Chlorobenzene	8.802	112	511152	19.985	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	186905	19.509	ug/l	99
67) Ethyl Benzene	8.937	91	767565	20.373	ug/l	100
68) m/p-Xylenes	9.063	106	648604	43.405	ug/l	99
69) o-Xylene	9.468	106	274321	20.788	ug/l	97
70) Styrene	9.484	104	514861	21.927	ug/l	100
71) Bromoform	9.654	173	152324	19.660	ug/l	97
73) Isopropylbenzene	9.854	105	786898	21.103	ug/l	100
74) N-amyl acetate	9.725	43	285486	18.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	307266	17.943	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	223589	18.243	ug/l	94
77) Bromobenzene	10.140	156	207464	20.239	ug/l	99
78) n-propylbenzene	10.275	91	949310	20.981	ug/l	100
79) 2-Chlorotoluene	10.346	91	585997	20.978	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	676780	21.641	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	91871	18.931	ug/l	98
82) 4-Chlorotoluene	10.461	91	690470	21.504	ug/l	99
83) tert-Butylbenzene	10.789	119	624594	20.114	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	670688	21.785	ug/l	100
85) sec-Butylbenzene	11.011	105	823564	20.976	ug/l	100
86) p-Isopropyltoluene	11.165	119	711111	21.065	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	408042	19.957	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	445782	19.482	ug/l	99
89) n-Butylbenzene	11.580	91	631556	20.089	ug/l	98
90) Hexachloroethane	11.818	117	156038	18.693	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	373670	19.212	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	60189	17.094	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	211096	19.460	ug/l	99
94) Hexachlorobutadiene	13.368	225	100027	18.211	ug/l	100
95) Naphthalene	13.426	128	657231	18.493	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	220351	19.545	ug/l	99

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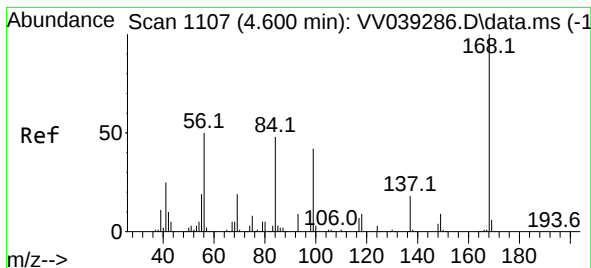
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QLast Update : Wed Oct 08 05:01:26 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039331.D

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Instrument :

MSVOA_V

ClientSampleId :

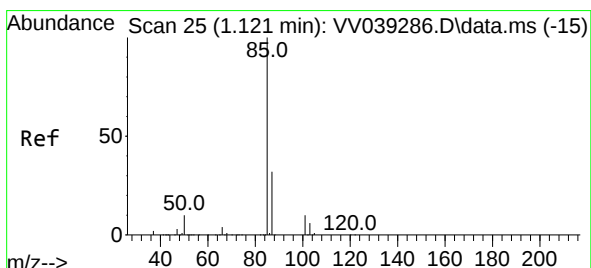
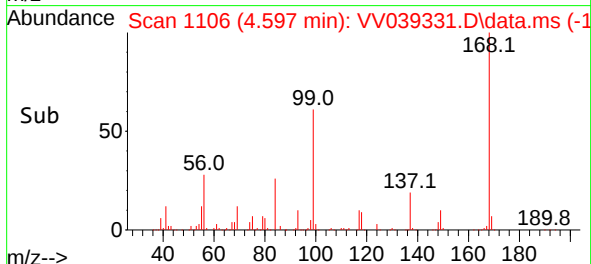
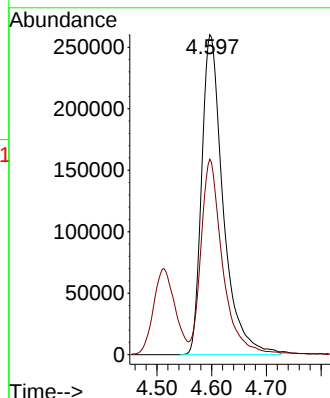
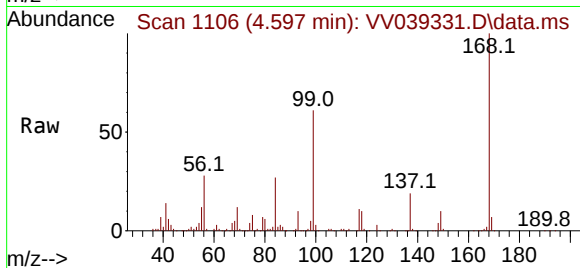
VV1105WBS01

Tgt Ion:168 Resp: 708659

Ion Ratio Lower Upper

168 100

99 60.5 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 16.953 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039331.D

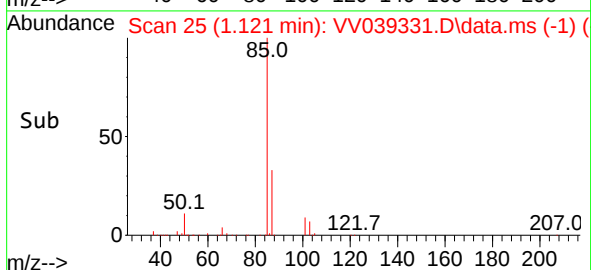
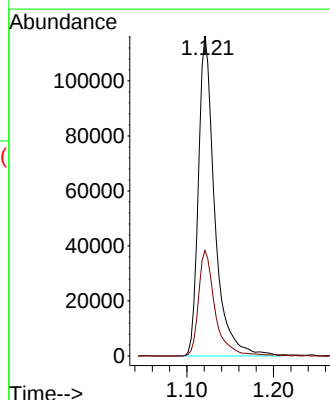
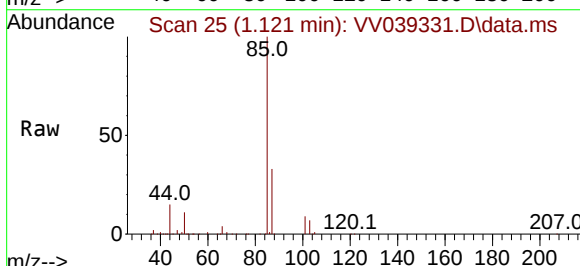
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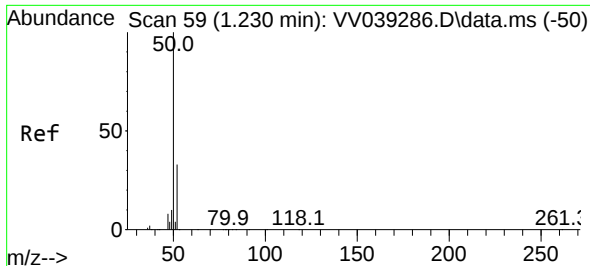
Tgt Ion: 85 Resp: 151845

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2

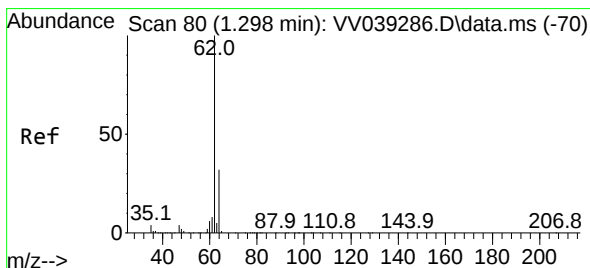
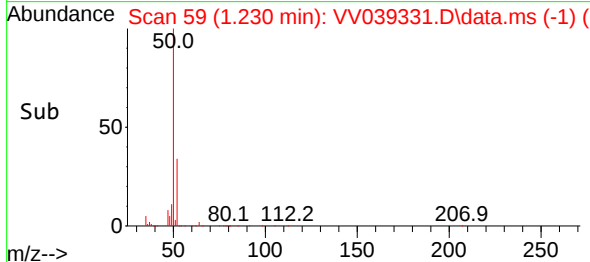
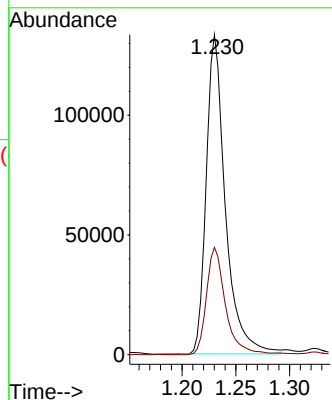
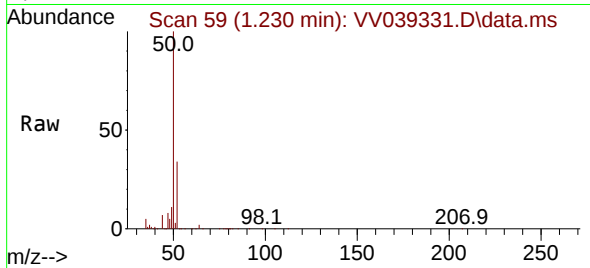




#3
Chloromethane
Concen: 17.728 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039331.D
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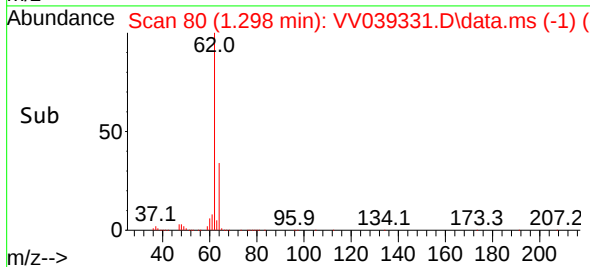
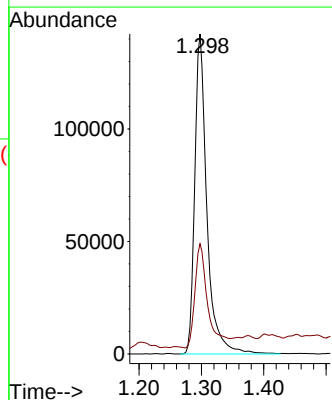
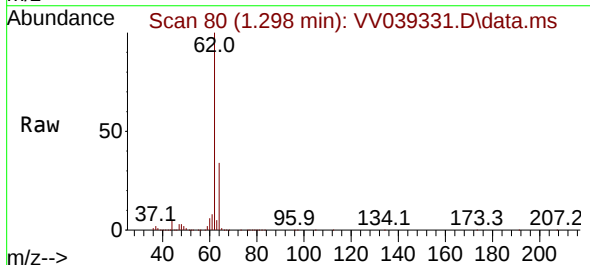
Instrument :
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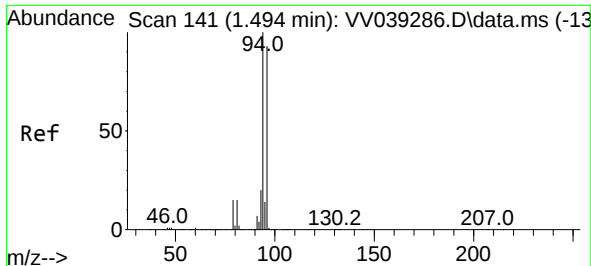
Tgt Ion: 50 Resp: 165321
Ion Ratio Lower Upper
50 100
52 33.6 26.6 39.8



#4
Vinyl Chloride
Concen: 18.058 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 62 Resp: 192110
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.6

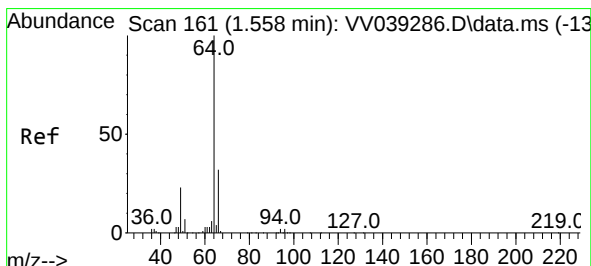
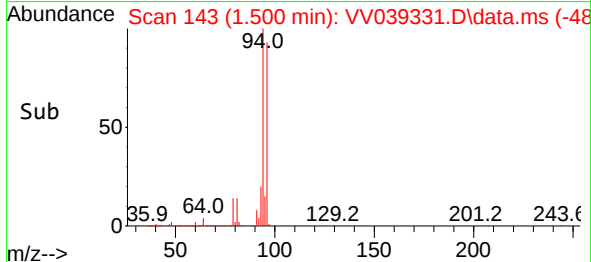
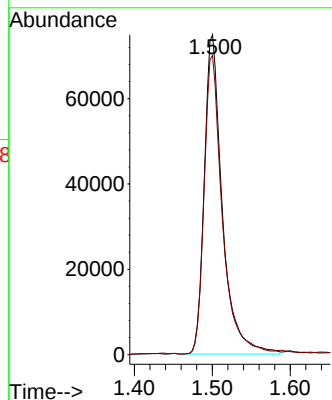
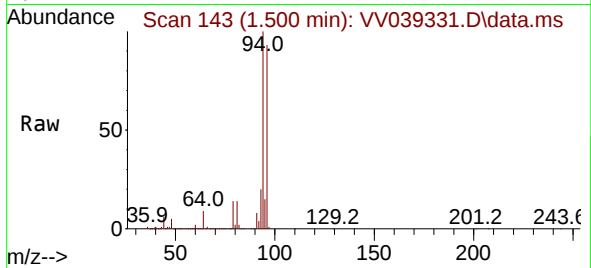




#5
Bromomethane
Concen: 17.409 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.007 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

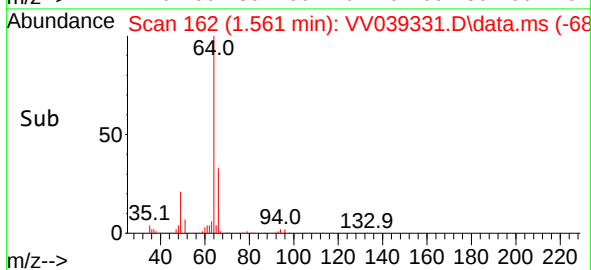
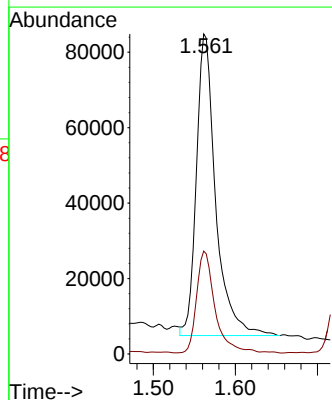
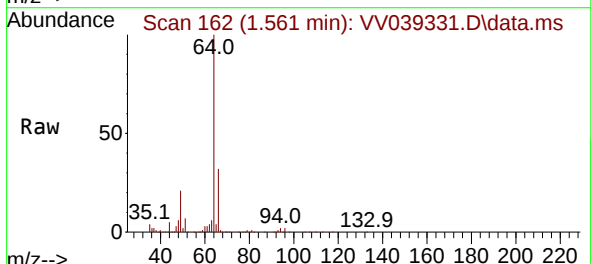
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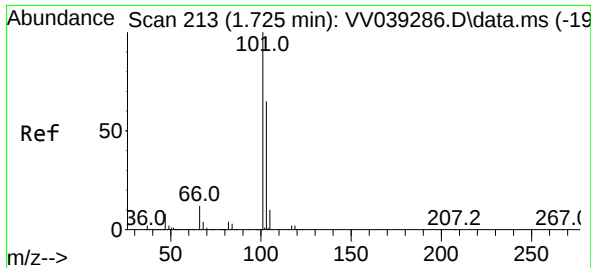
Tgt Ion: 94 Resp: 120166
Ion Ratio Lower Upper
94 100
96 93.5 74.2 111.2



#6
Chloroethane
Concen: 20.911 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 64 Resp: 130509
Ion Ratio Lower Upper
64 100
66 33.8 25.7 38.5

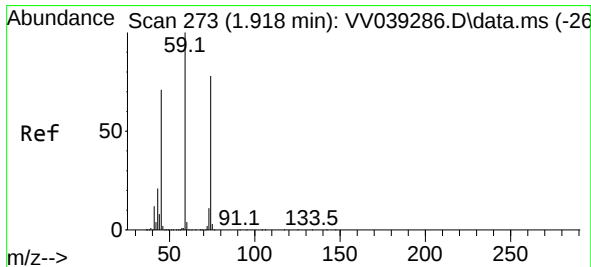
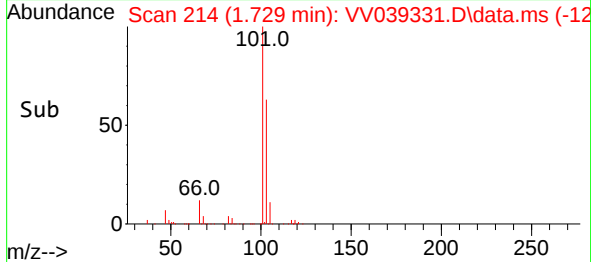
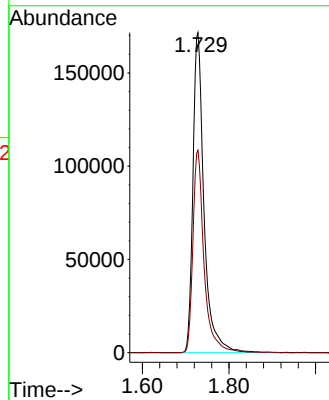
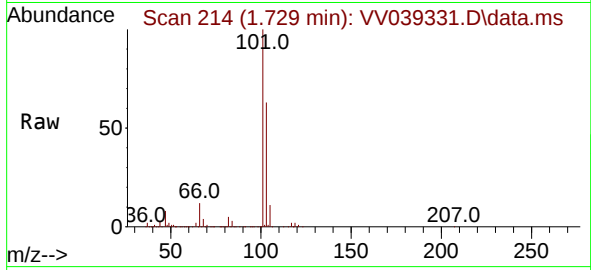




#7
 Trichlorofluoromethane
 Concen: 18.814 ug/l
 RT: 1.729 min Scan# 213
 Delta R.T. 0.003 min
 Lab File: VV039331.D
 Acq: 05 Nov 2025 12:55

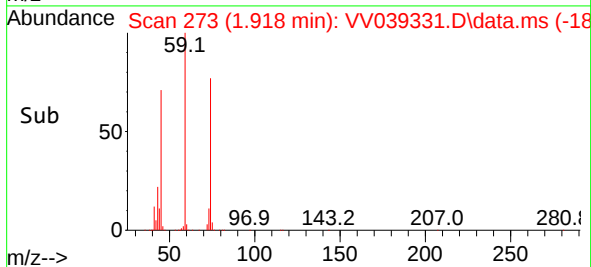
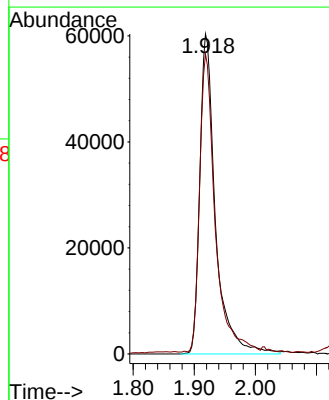
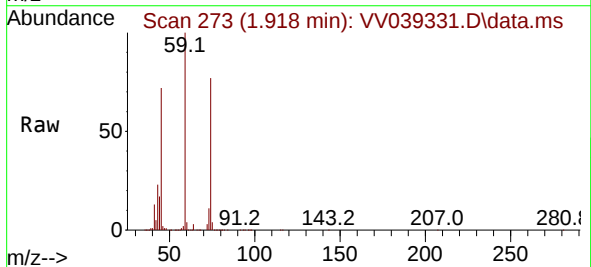
Instrument :
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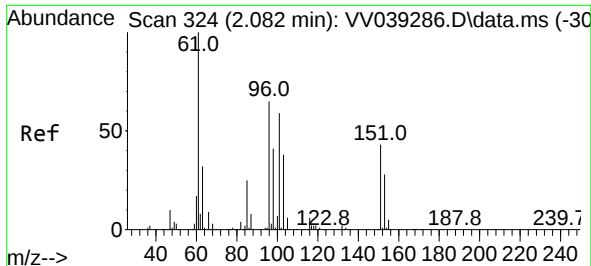
Tgt Ion:101 Resp: 305780
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.0 78.0



#8
 Diethyl Ether
 Concen: 18.244 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 107151
 Ion Ratio Lower Upper
 74 100
 45 92.4 45.9 137.7

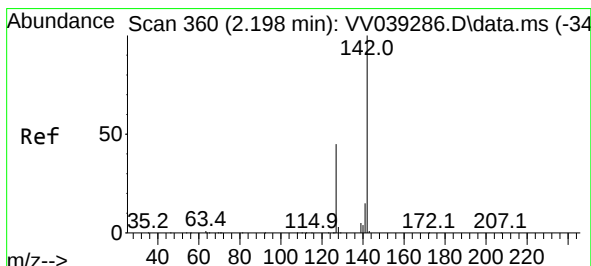
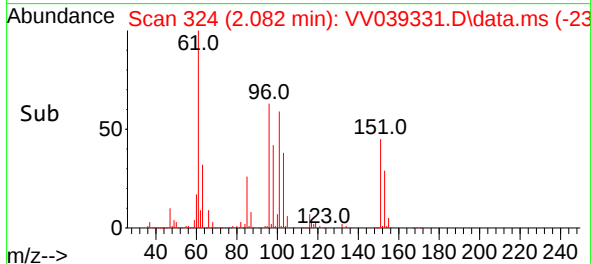
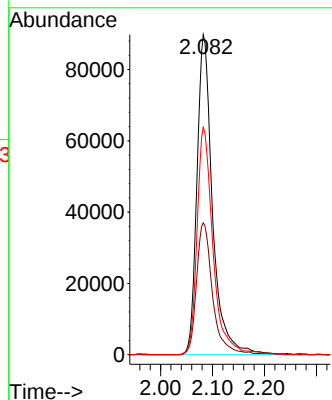
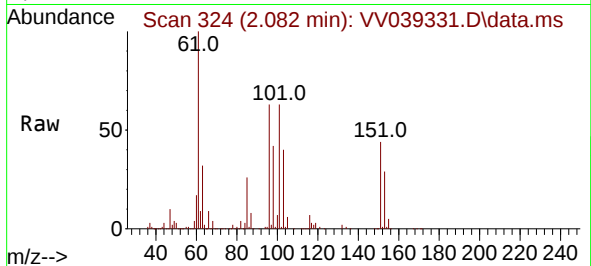




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.242 ug/l
 RT: 2.082 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV039331.D
 Acq: 05 Nov 2025 12:55

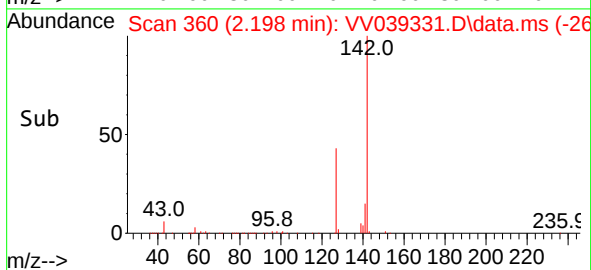
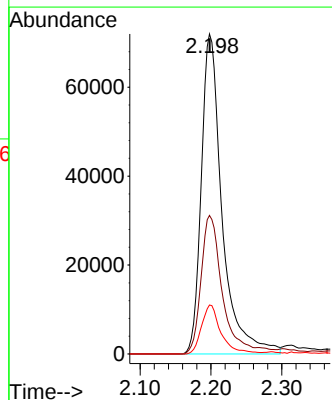
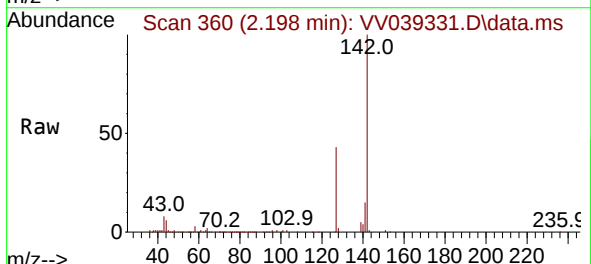
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1105WBS01

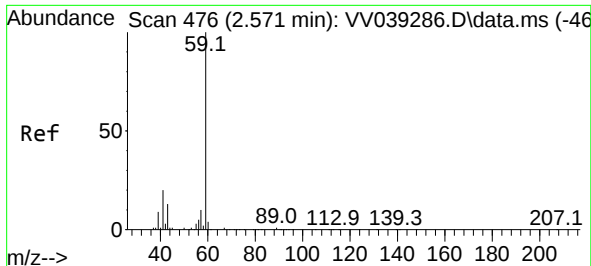
Tgt Ion:101 Resp: 187255
 Ion Ratio Lower Upper
 101 100
 85 42.2 34.0 51.0
 151 72.4 58.5 87.7



#10
 Methyl Iodide
 Concen: 17.522 ug/l
 RT: 2.198 min Scan# 360
 Delta R.T. 0.000 min
 Lab File: VV039331.D
 Acq: 05 Nov 2025 12:55

Tgt Ion:142 Resp: 146915
 Ion Ratio Lower Upper
 142 100
 127 43.4 35.5 53.3
 141 14.4 11.5 17.3

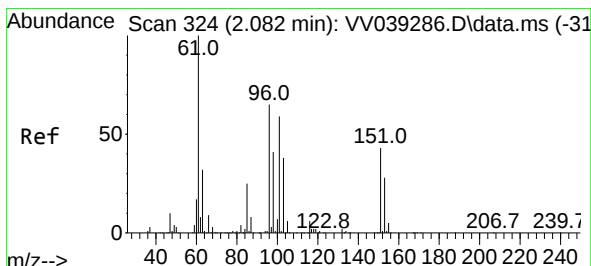
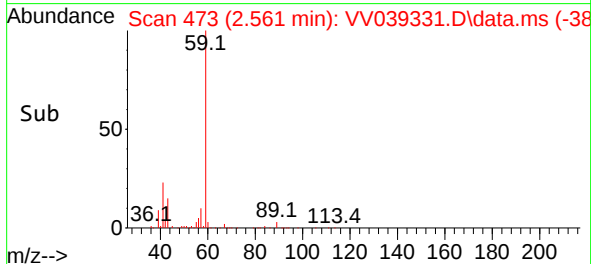
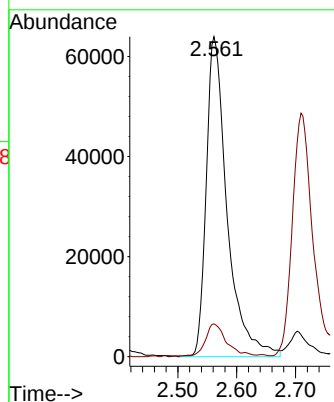
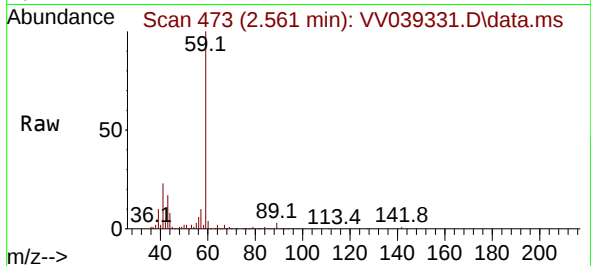




#11
Tert butyl alcohol
Concen: 80.854 ug/l
RT: 2.561 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

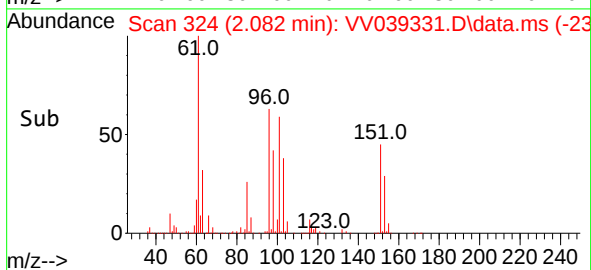
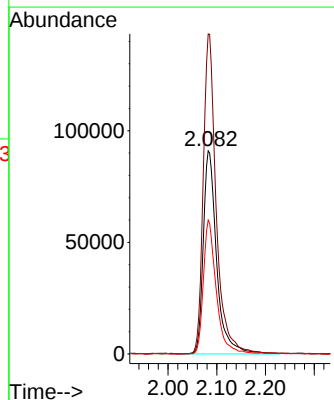
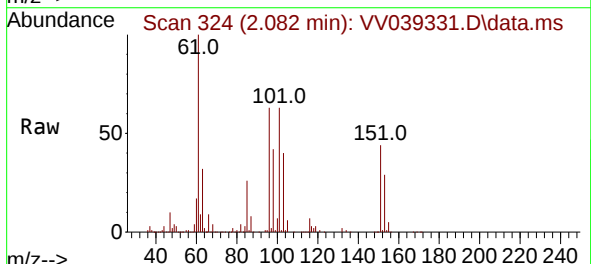
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

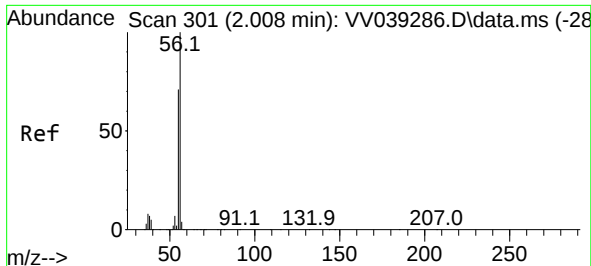
Tgt Ion: 59 Resp: 157784
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1



#12
1,1-Dichloroethene
Concen: 18.268 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 96 Resp: 174560
Ion Ratio Lower Upper
96 100
61 157.3 123.6 185.4
98 65.9 51.1 76.7

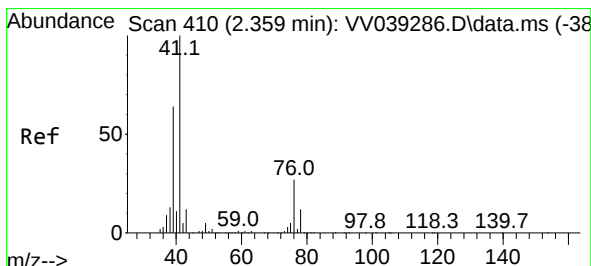
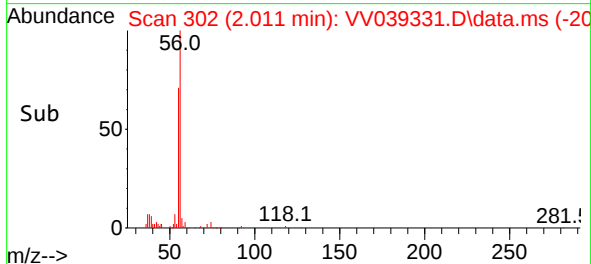
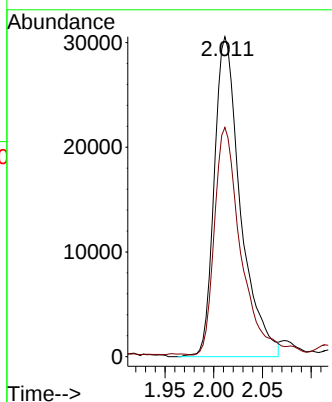
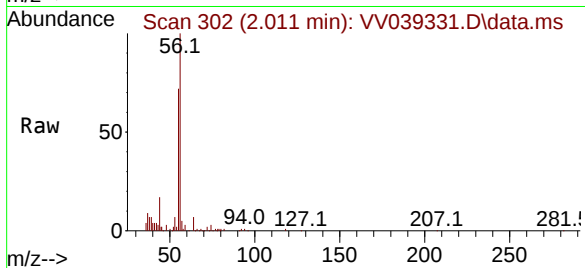




#13
Acrolein
Concen: 45.044 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

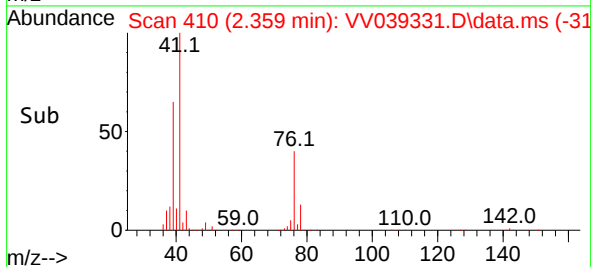
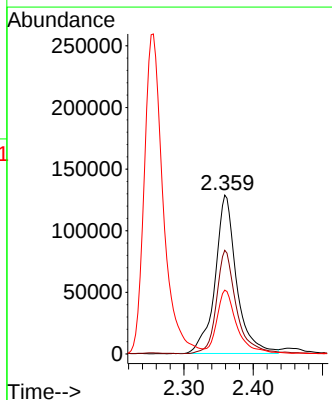
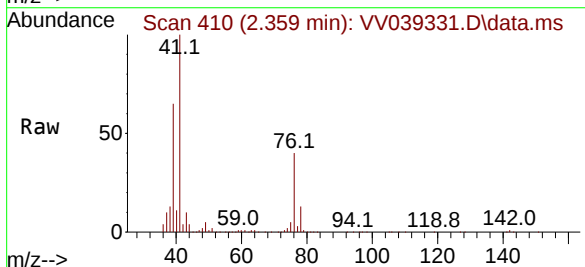
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

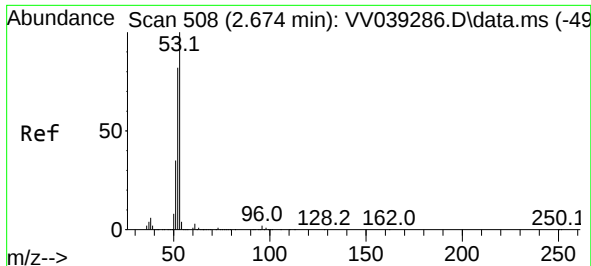
Tgt Ion: 56 Resp: 57251
Ion Ratio Lower Upper
56 100
55 72.4 56.2 84.4



#14
Allyl chloride
Concen: 18.293 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 41 Resp: 277096
Ion Ratio Lower Upper
41 100
39 60.8 47.8 71.6
76 37.0 30.2 45.2

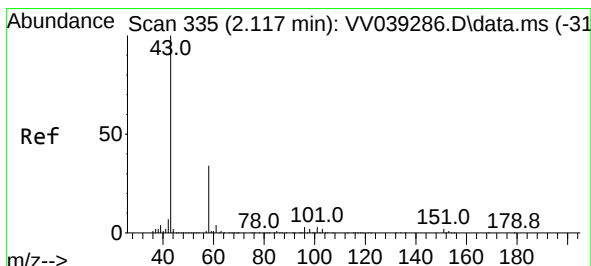
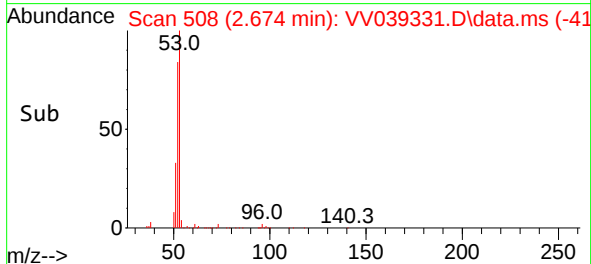
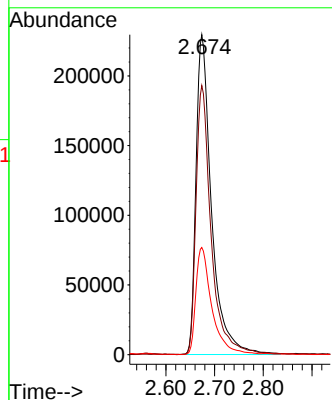
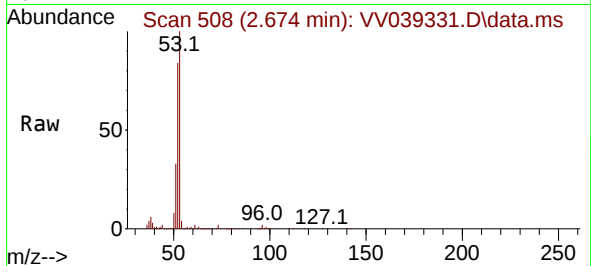




#15
Acrylonitrile
Concen: 87.770 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

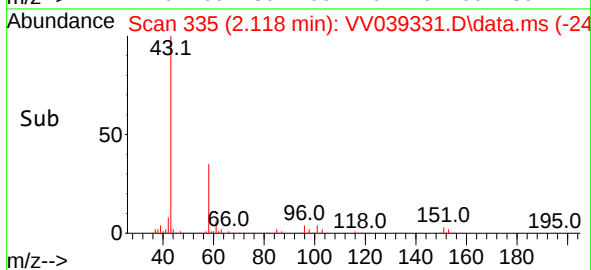
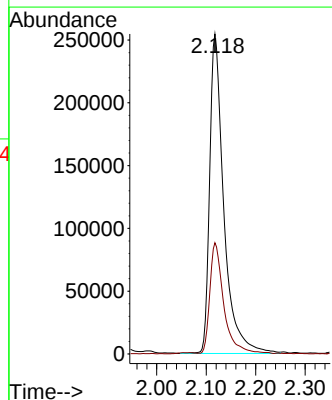
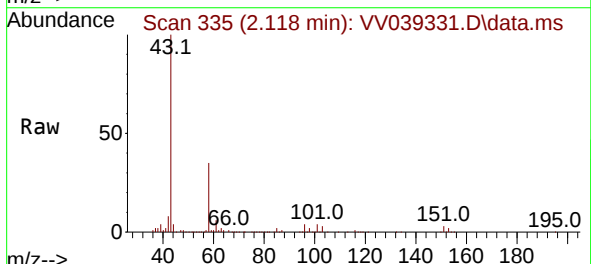
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

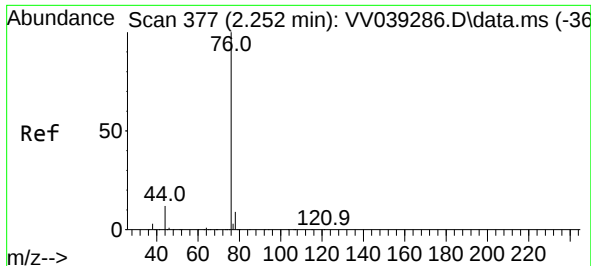
Tgt Ion: 53 Resp: 507942
Ion Ratio Lower Upper
53 100
52 81.8 65.0 97.6
51 34.3 27.9 41.9



#16
Acetone
Concen: 101.543 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 43 Resp: 503726
Ion Ratio Lower Upper
43 100
58 34.6 27.5 41.3

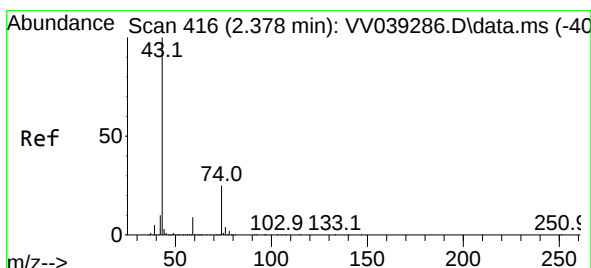
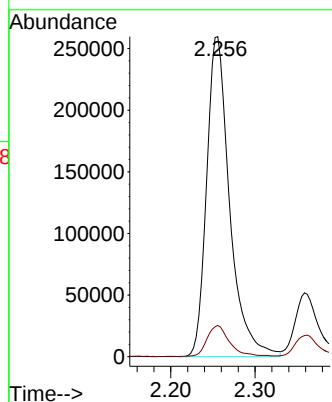
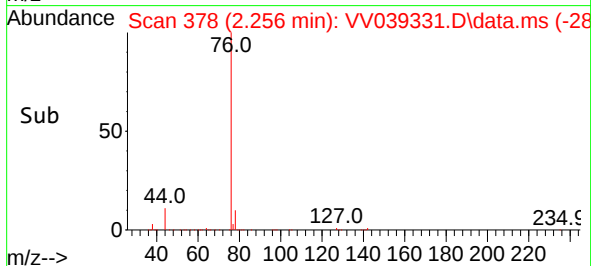
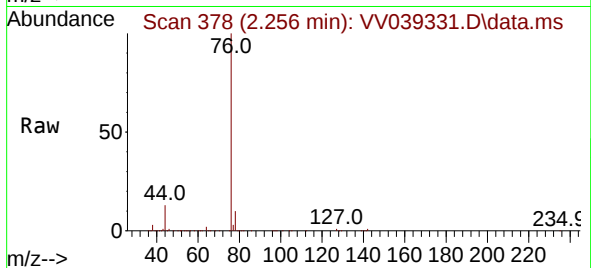




#17
Carbon Disulfide
Concen: 18.295 ug/l
RT: 2.256 min Scan# 317
Delta R.T. 0.003 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

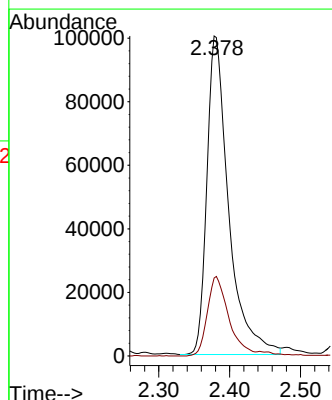
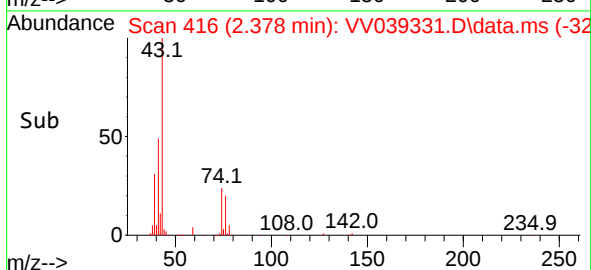
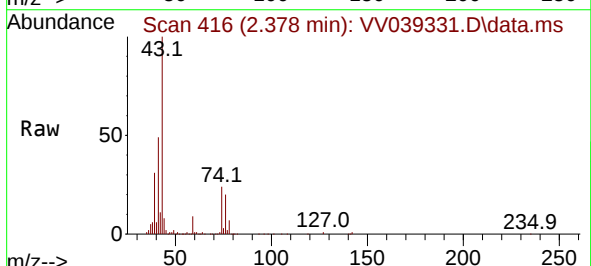
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

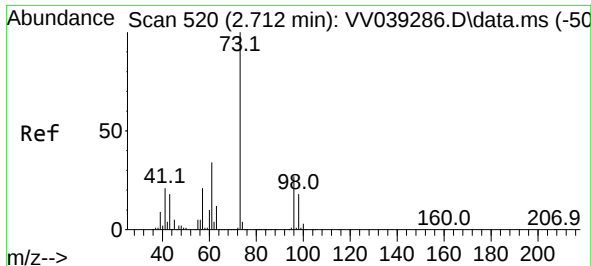
Tgt Ion: 76 Resp: 493771
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 16.377 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 43 Resp: 213694
Ion Ratio Lower Upper
43 100
74 24.4 19.5 29.3

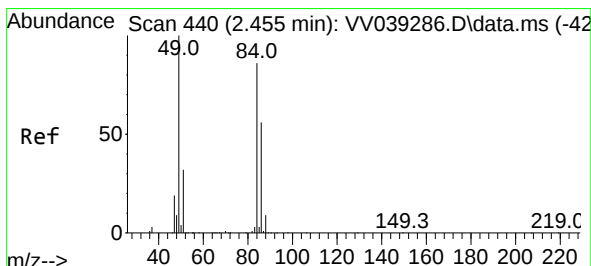
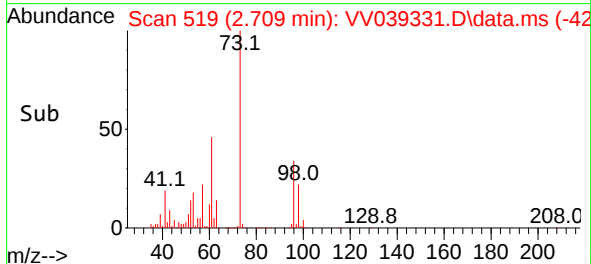
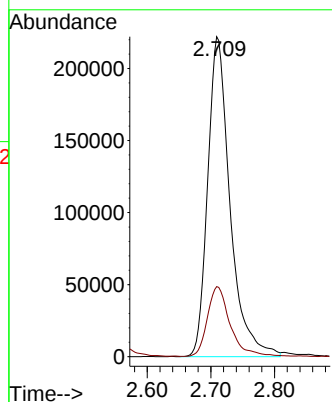
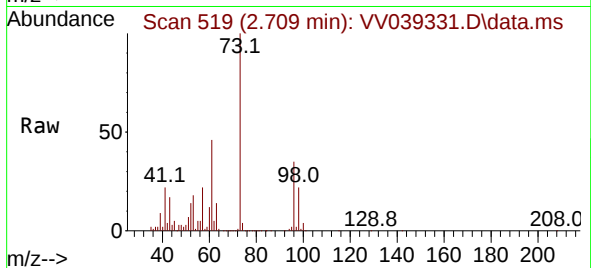




#19
Methyl tert-butyl Ether
Concen: 18.838 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

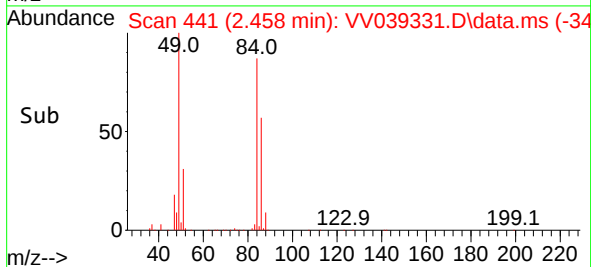
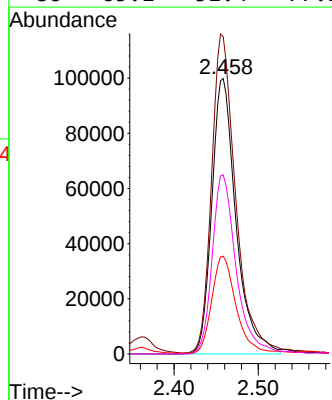
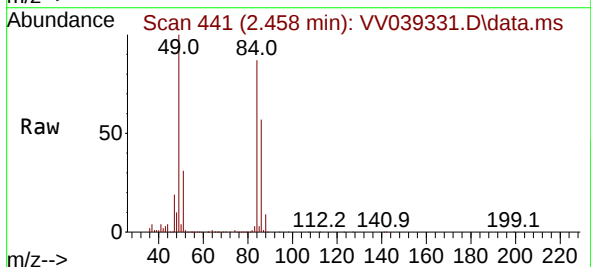
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

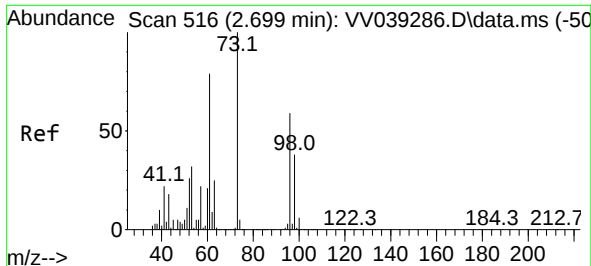
Tgt Ion: 73 Resp: 541798
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6



#20
Methylene Chloride
Concen: 20.991 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 84 Resp: 199081
Ion Ratio Lower Upper
84 100
49 114.7 92.6 139.0
51 35.3 29.6 44.4
86 65.1 51.4 77.2

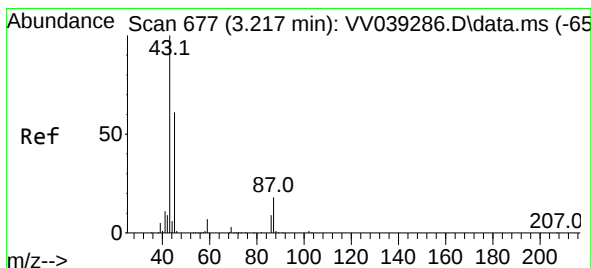
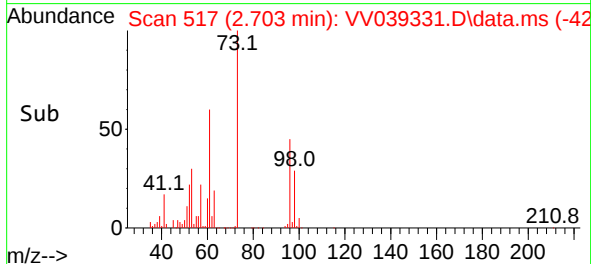
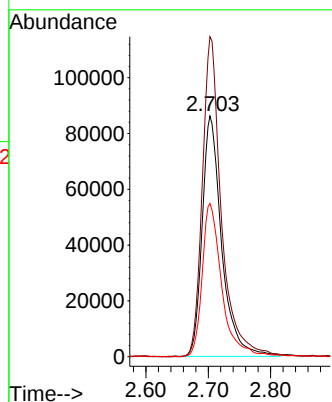
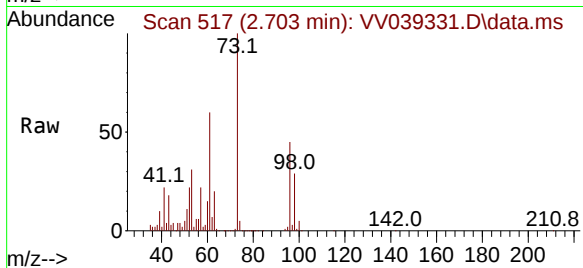




#21
trans-1,2-Dichloroethene
Concen: 18.606 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

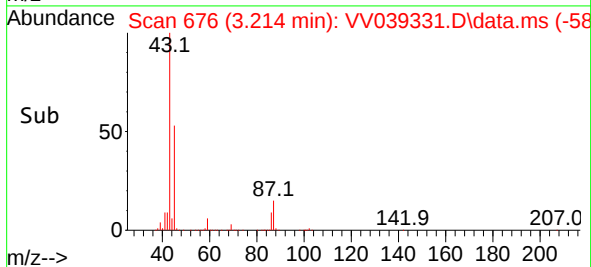
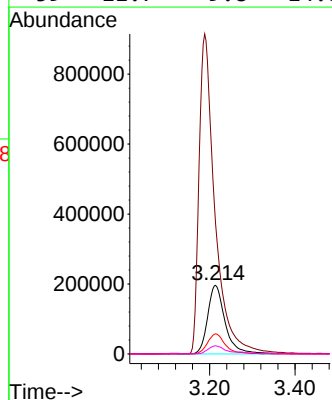
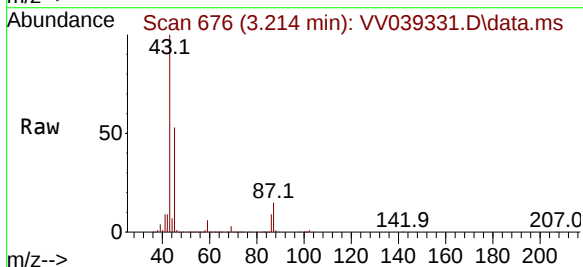
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

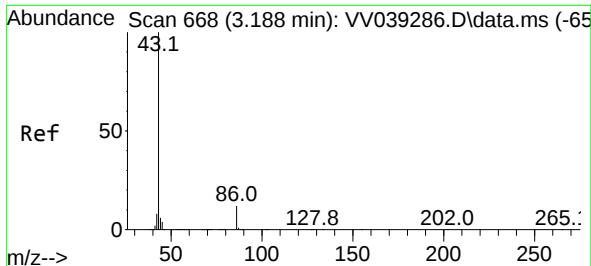
Tgt Ion: 96 Resp: 187193
Ion Ratio Lower Upper
96 100
61 133.2 106.8 160.2
98 63.7 51.1 76.7



#22
Diisopropyl ether
Concen: 20.453 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.003 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 45 Resp: 556242
Ion Ratio Lower Upper
45 100
43 190.1 130.8 196.2
87 28.9 23.8 35.8
59 11.7 9.8 14.8

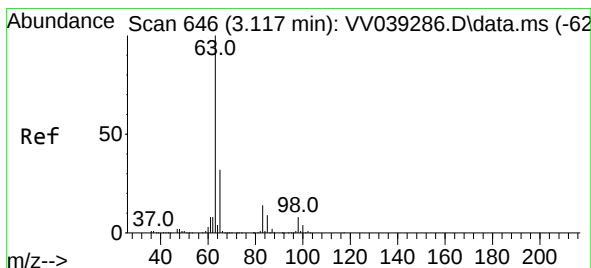
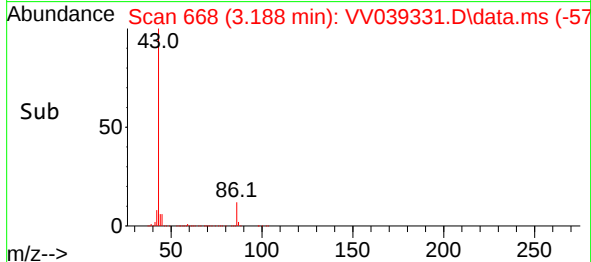
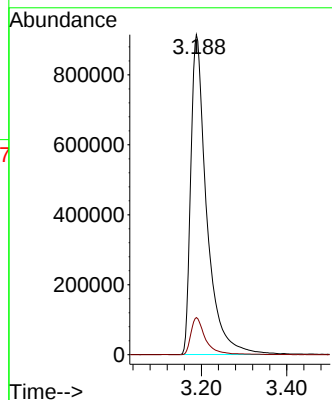
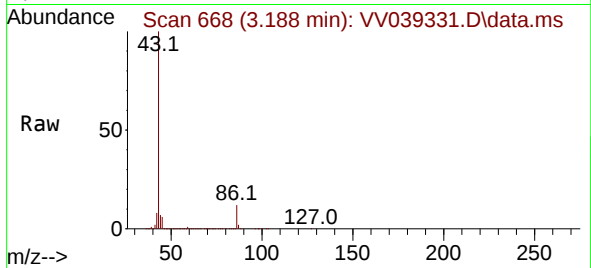




#23
 Vinyl Acetate
 Concen: 99.199 ug/l
 RT: 3.188 min Scan# 668
 Delta R.T. 0.000 min
 Lab File: VV039331.D
 Acq: 05 Nov 2025 12:55

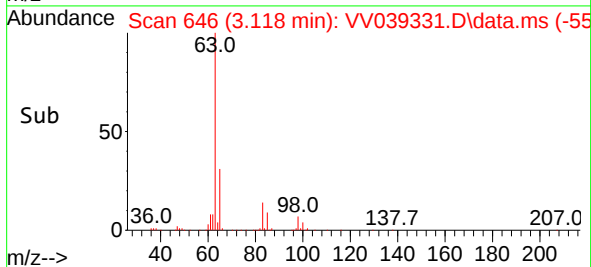
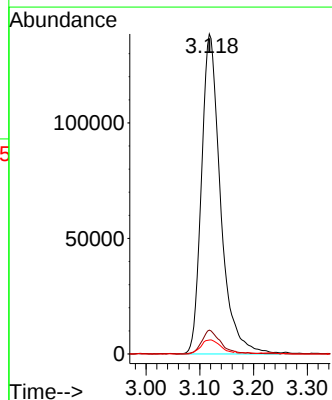
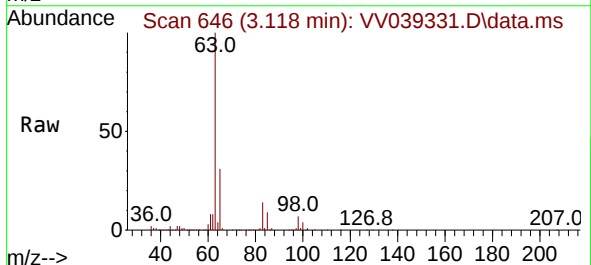
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1105WBS01

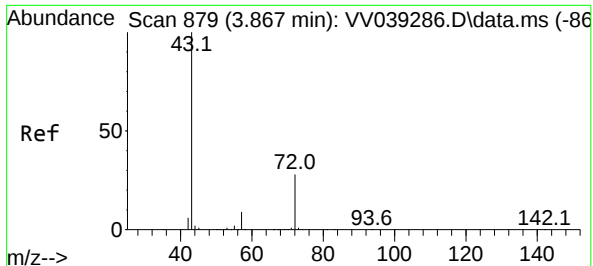
Tgt Ion: 43 Resp: 2368390
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 18.718 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV039331.D
 Acq: 05 Nov 2025 12:55

Tgt Ion: 63 Resp: 341031
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.0
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 94.706 ug/l

RT: 3.863 min Scan# 81

Delta R.T. -0.003 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

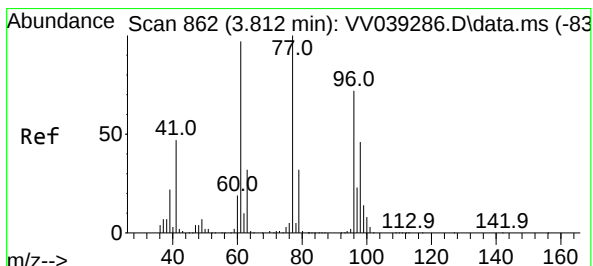
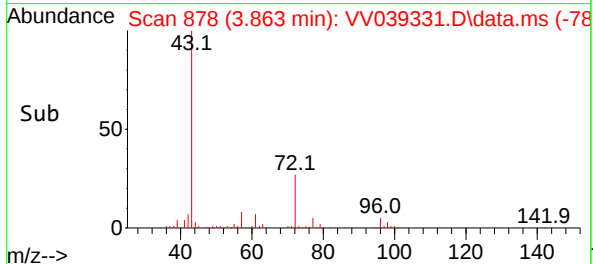
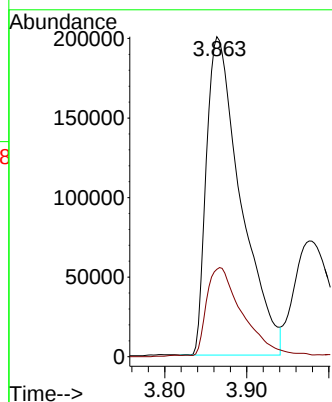
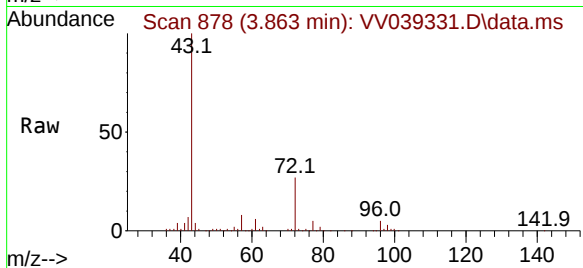
VV1105WBS01

Tgt Ion: 43 Resp: 583217

Ion Ratio Lower Upper

43 100

72 27.0 22.6 34.0



#26

2,2-Dichloropropane

Concen: 19.183 ug/l

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV039331.D

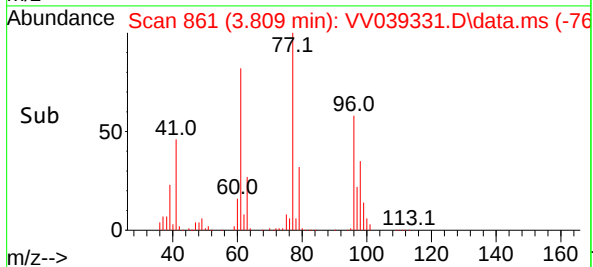
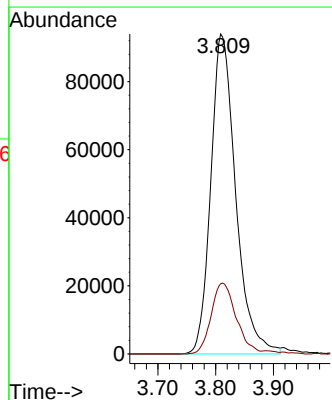
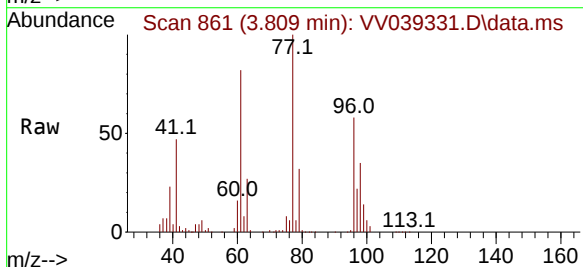
Acq: 05 Nov 2025 12:55

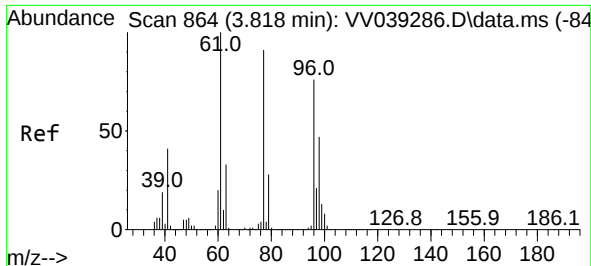
Tgt Ion: 77 Resp: 281507

Ion Ratio Lower Upper

77 100

97 22.2 11.6 34.8

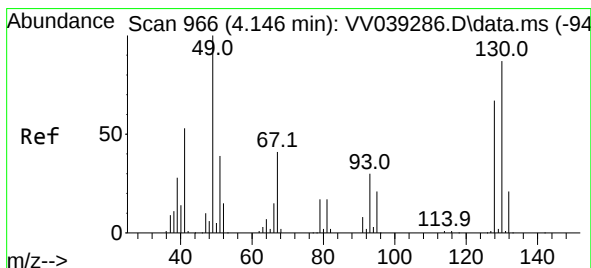
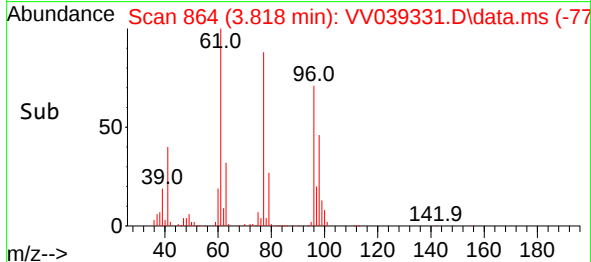
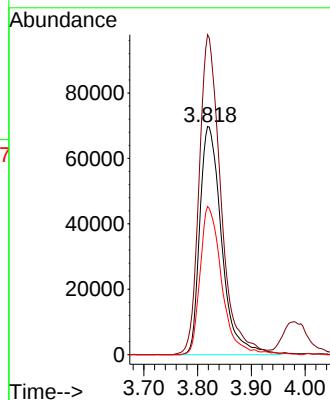
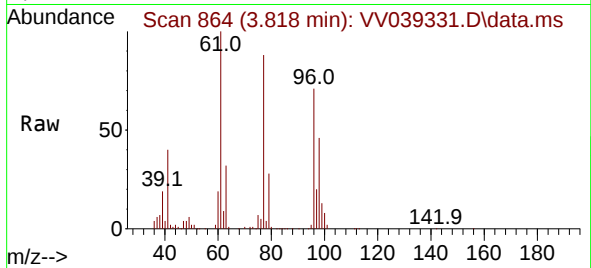




#27
 cis-1,2-Dichloroethene
 Concen: 19.533 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV039331.D
 Acq: 05 Nov 2025 12:55

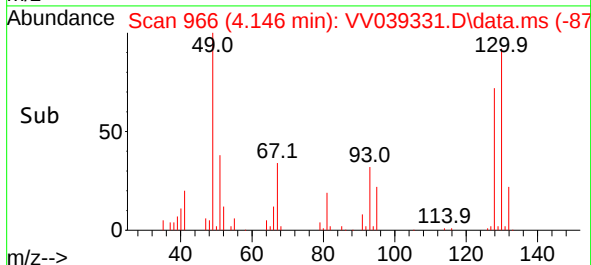
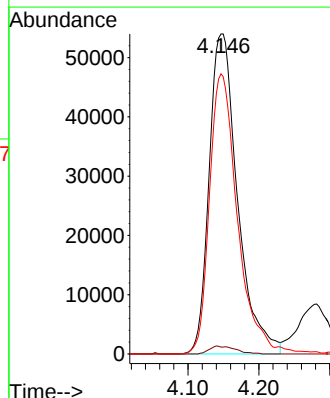
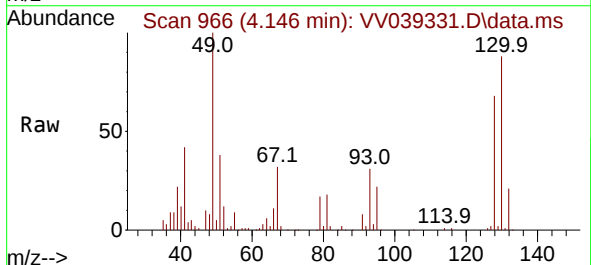
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1105WBS01

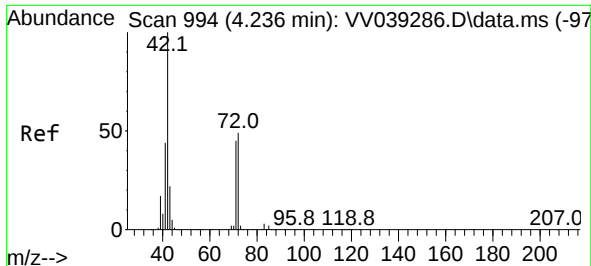
Tgt Ion: 96 Resp: 196769
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 275.0
 98 62.9 0.0 127.8



#28
 Bromochloromethane
 Concen: 19.369 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV039331.D
 Acq: 05 Nov 2025 12:55

Tgt Ion: 49 Resp: 150455
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 85.0 69.5 104.3





#29

Tetrahydrofuran

Concen: 91.504 ug/l

RT: 4.236 min Scan# 994

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

VV1105WBS01

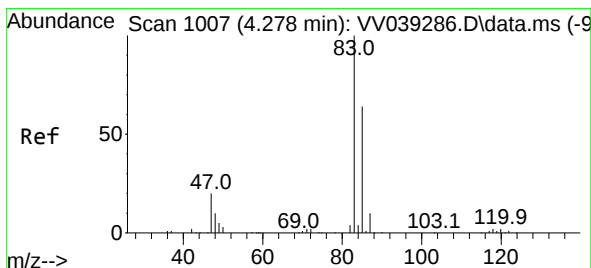
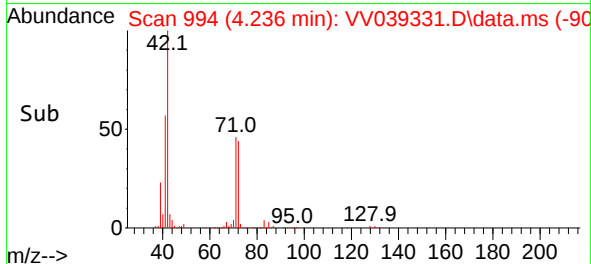
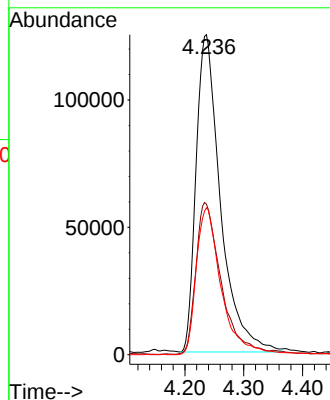
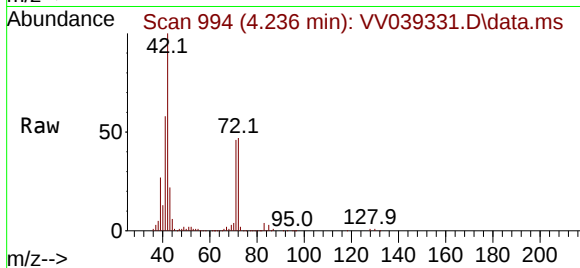
Tgt Ion: 42 Resp: 360292

Ion Ratio Lower Upper

42 100

72 49.1 39.8 59.8

71 47.3 36.5 54.7



#30

Chloroform

Concen: 19.237 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV039331.D

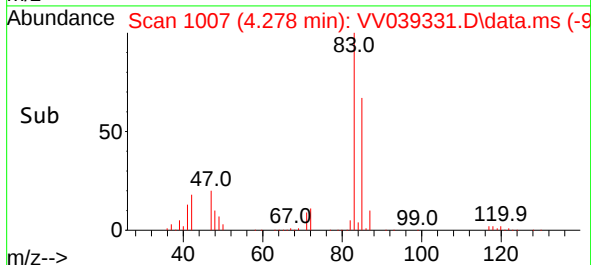
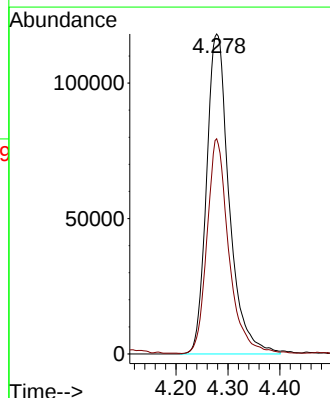
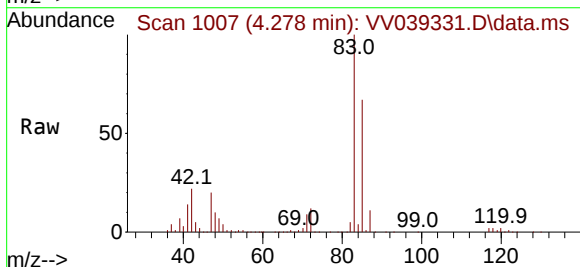
Acq: 05 Nov 2025 12:55

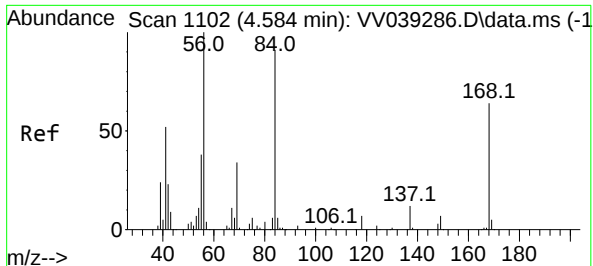
Tgt Ion: 83 Resp: 357431

Ion Ratio Lower Upper

83 100

85 67.0 51.1 76.7

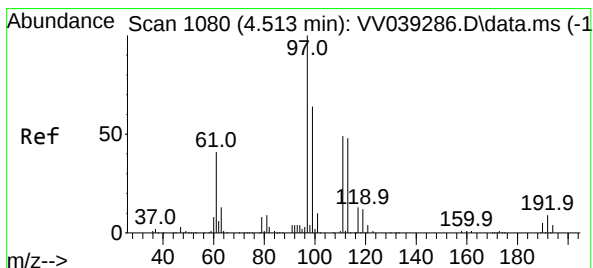
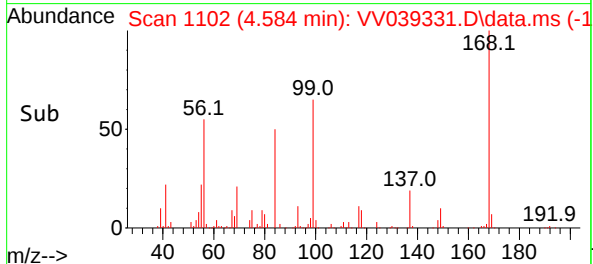
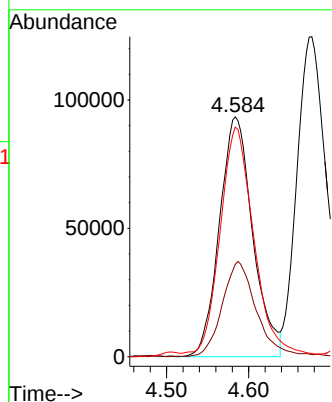
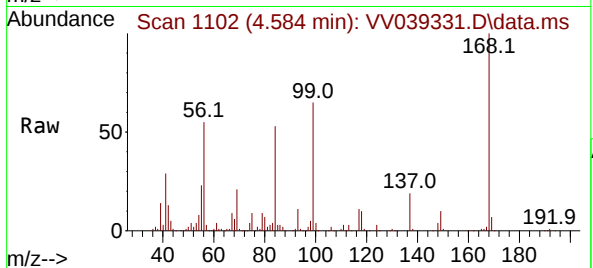




#31
Cyclohexane
Concen: 19.883 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

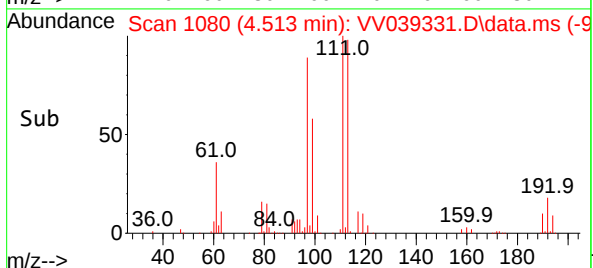
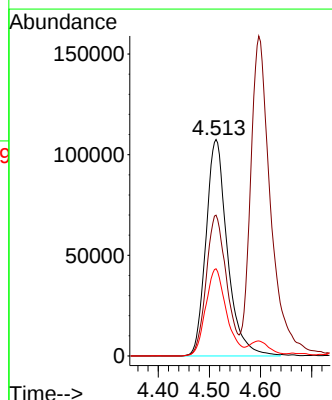
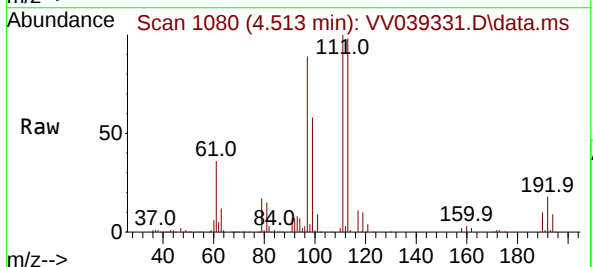
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

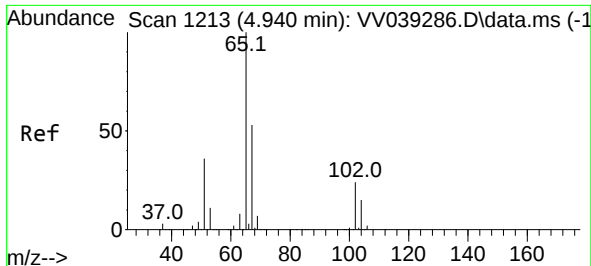
Tgt Ion: 56 Resp: 263859
Ion Ratio Lower Upper
56 100
69 38.3 27.4 41.0
84 94.3 72.8 109.2



#32
1,1,1-Trichloroethane
Concen: 19.293 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 97 Resp: 313414
Ion Ratio Lower Upper
97 100
99 61.6 48.6 72.8
61 39.1 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 51.086 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

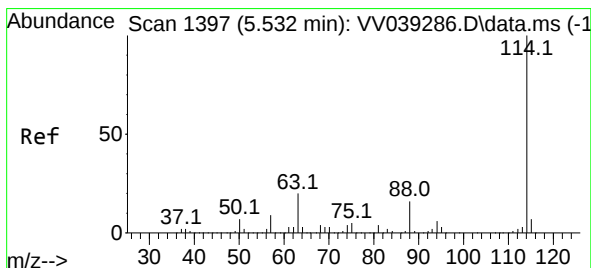
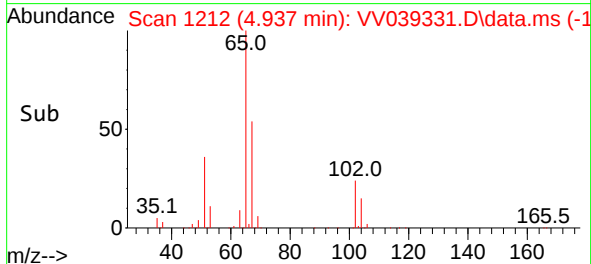
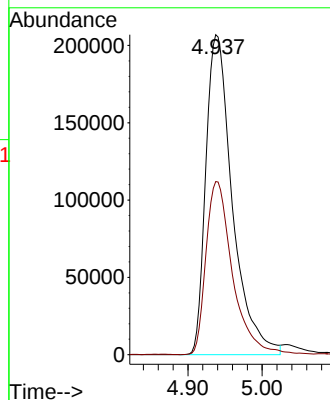
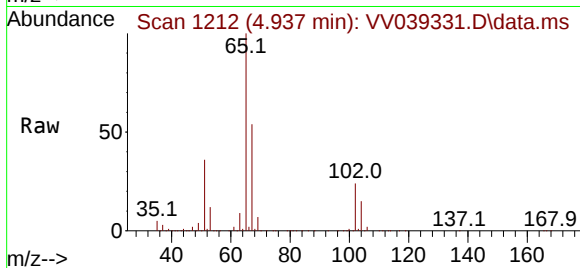
VV1105WBS01

Tgt Ion: 65 Resp: 514415

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

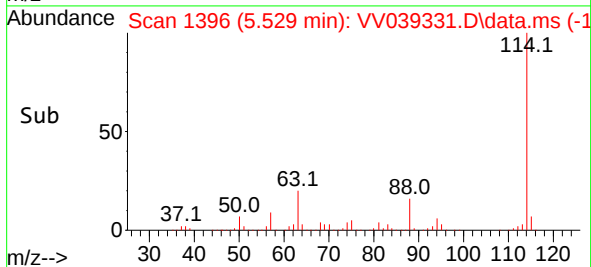
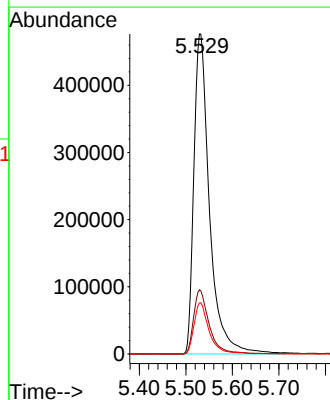
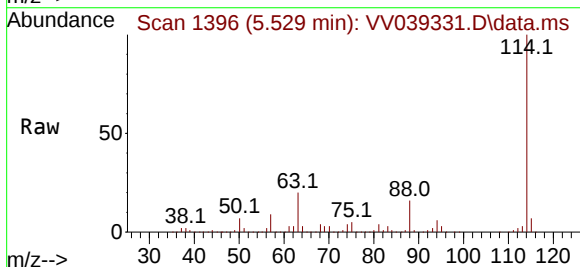
Tgt Ion: 114 Resp: 1110235

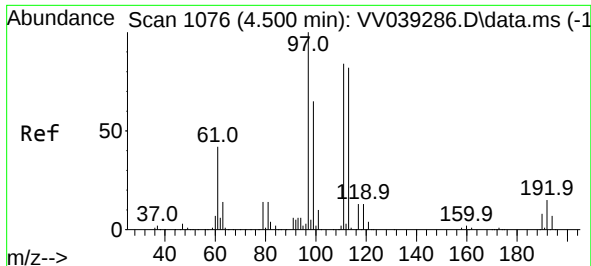
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.9 0.0 31.6

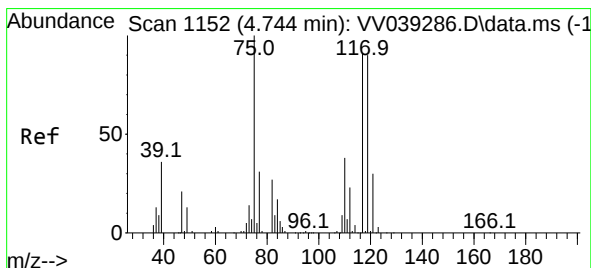
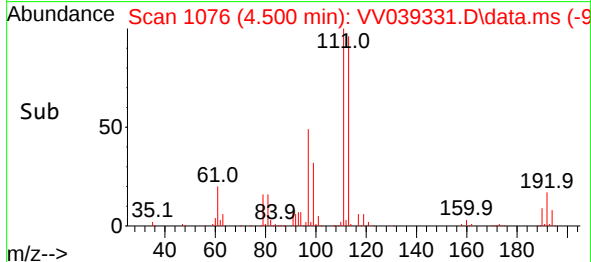
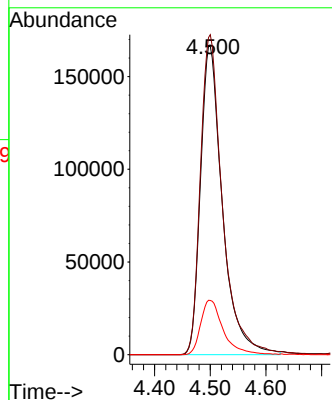
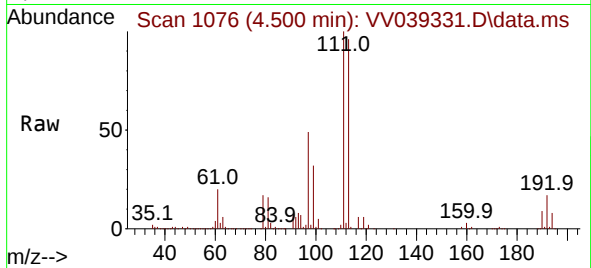




#35
Dibromofluoromethane
Concen: 52.156 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

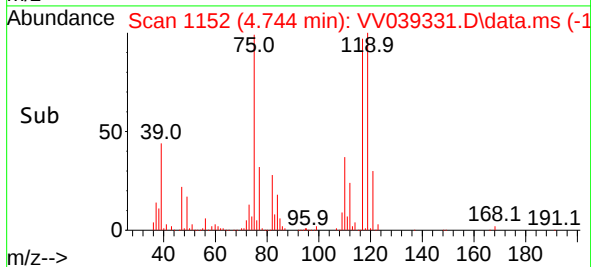
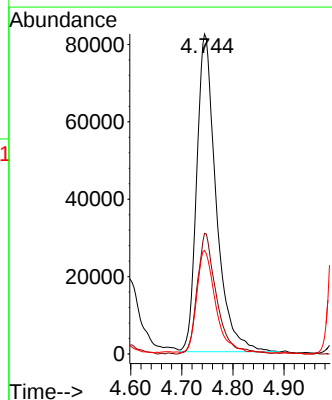
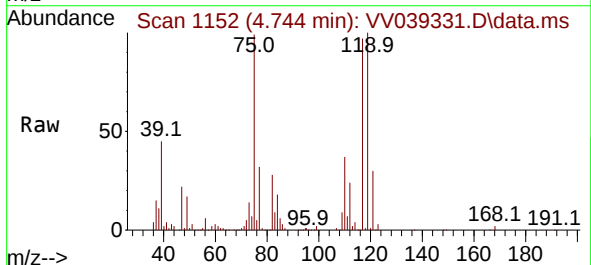
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

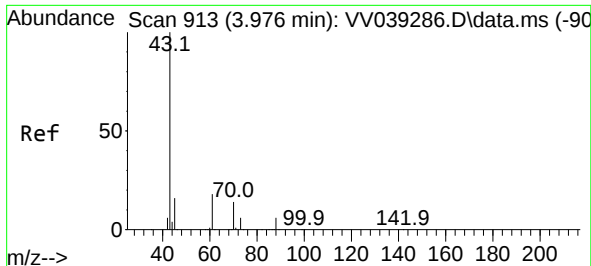
Tgt Ion:113 Resp: 456250
Ion Ratio Lower Upper
113 100
111 104.2 82.0 123.0
192 18.1 14.3 21.5



#36
1,1-Dichloropropene
Concen: 19.750 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 75 Resp: 216998
Ion Ratio Lower Upper
75 100
110 37.9 18.9 56.7
77 30.7 24.1 36.1

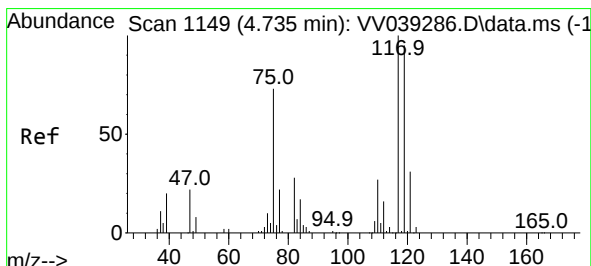
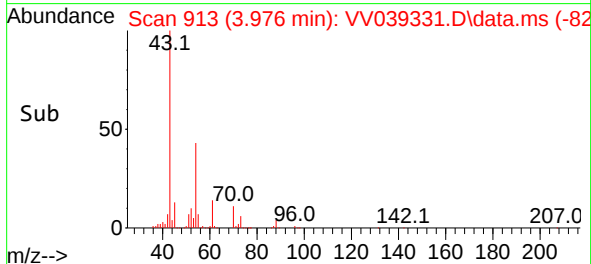
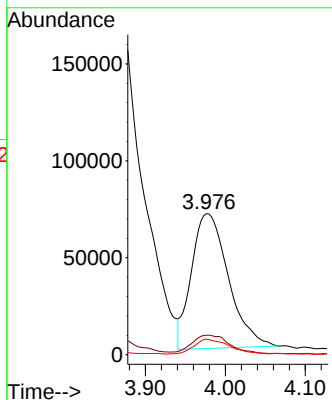
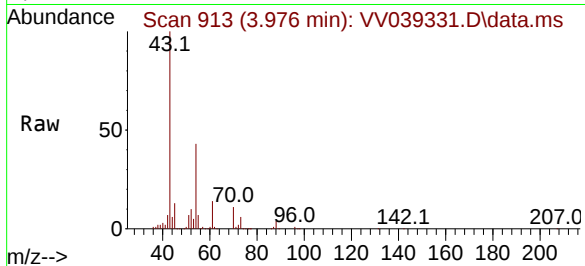




#37
Ethyl Acetate
Concen: 17.356 ug/l
RT: 3.976 min Scan# 913
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

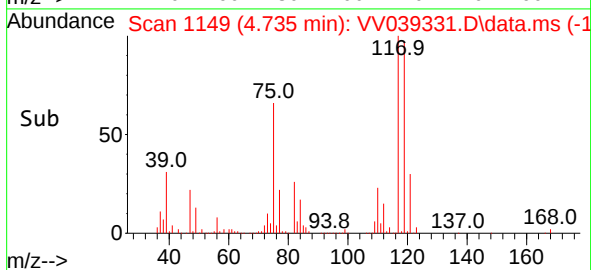
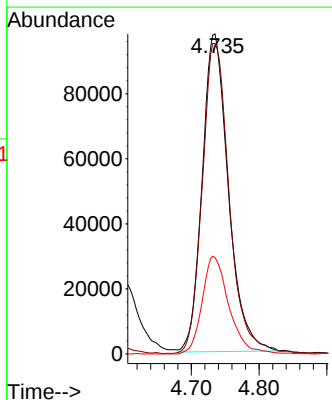
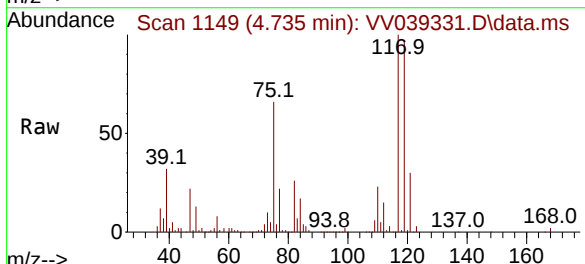
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

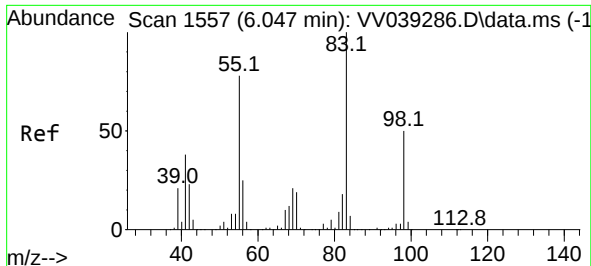
Tgt Ion: 43 Resp: 223250
Ion Ratio Lower Upper
43 100
61 14.2 12.2 18.2
70 10.5 9.0 13.4



#38
Carbon Tetrachloride
Concen: 19.582 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 117 Resp: 262131
Ion Ratio Lower Upper
117 100
119 97.4 75.9 113.9
121 30.5 24.6 37.0

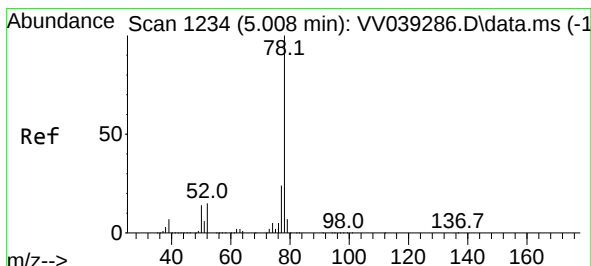
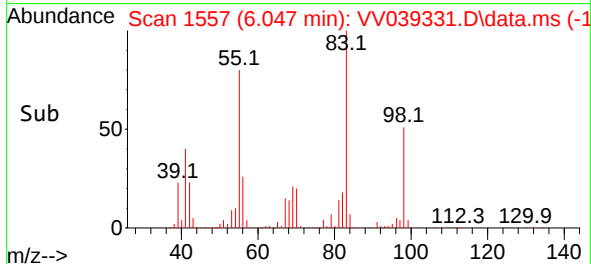
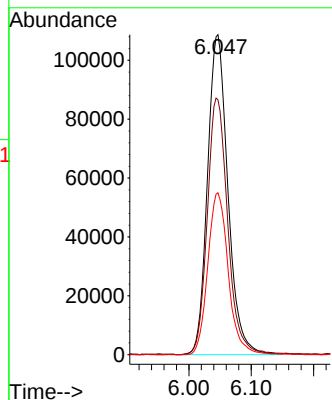
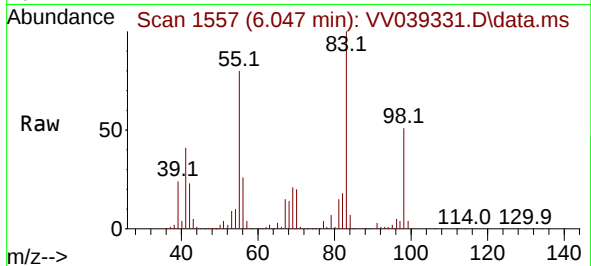




#39
Methylcyclohexane
Concen: 19.727 ug/l
RT: 6.047 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

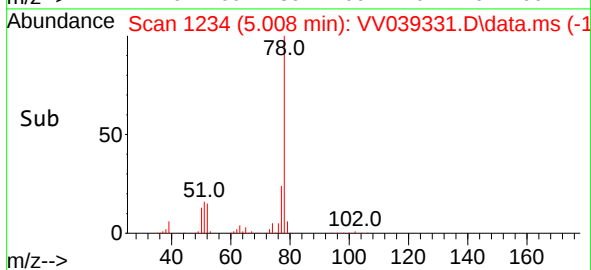
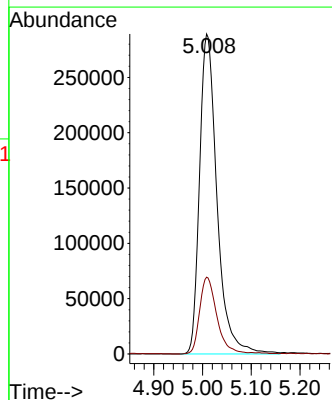
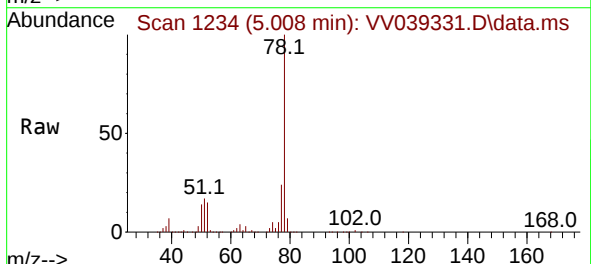
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

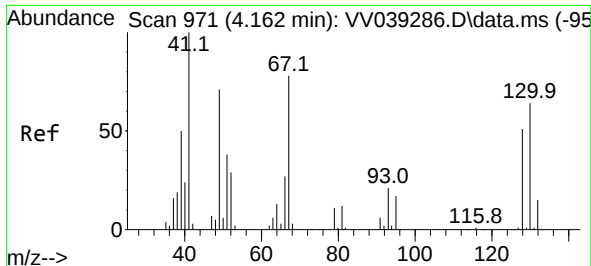
Tgt Ion: 83 Resp: 247722
Ion Ratio Lower Upper
83 100
55 79.6 62.1 93.1
98 50.6 40.2 60.4



#40
Benzene
Concen: 20.424 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 78 Resp: 720093
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

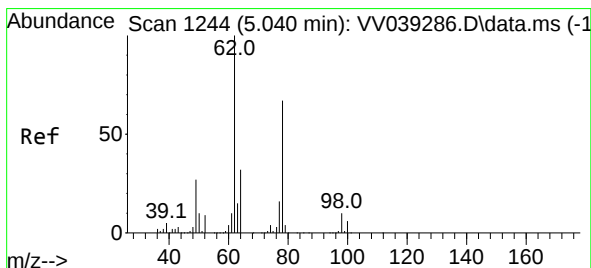
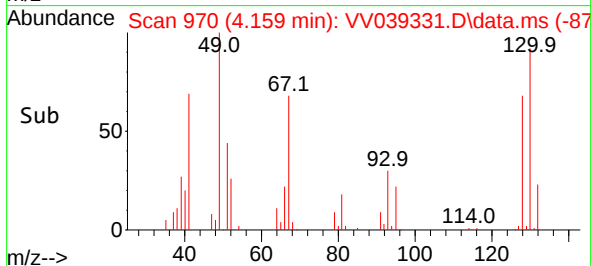
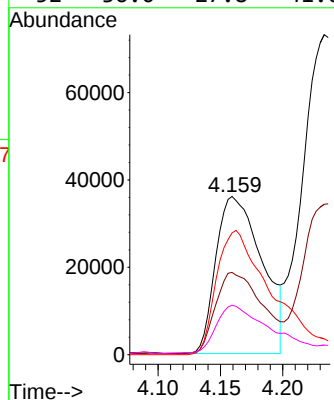
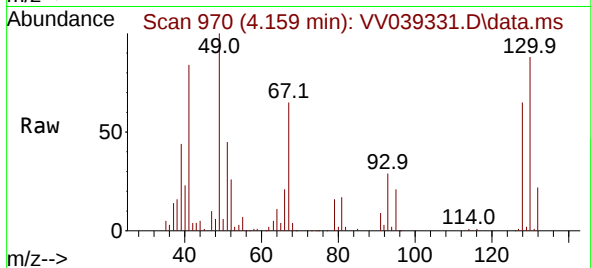




#41
Methacrylonitrile
Concen: 17.943 ug/l
RT: 4.159 min Scan# 91
Delta R.T. -0.003 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

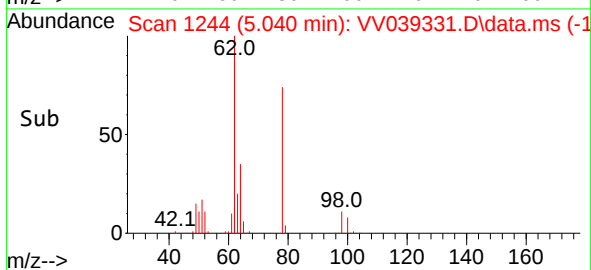
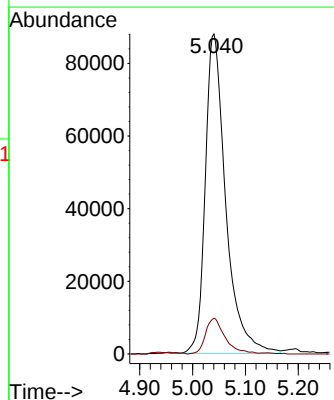
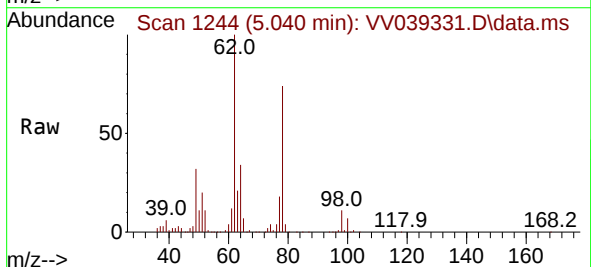
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

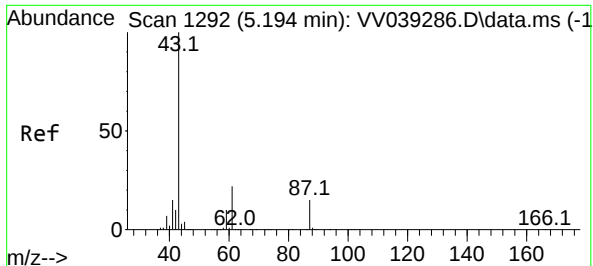
Tgt Ion:	41	Resp:	92536
Ion	Ratio	Lower	Upper
41	100		
39	53.7	40.9	61.3
67	100.7	73.1	109.7
52	36.0	27.8	41.6



#42
1,2-Dichloroethane
Concen: 19.132 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion:	62	Resp:	236736
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0





#43

Isopropyl Acetate

Concen: 19.977 ug/l

RT: 5.191 min Scan# 1292

Delta R.T. -0.003 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

VV1105WBS01

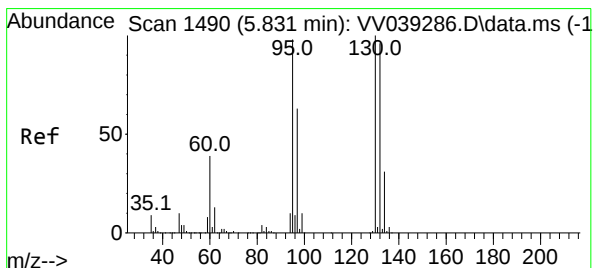
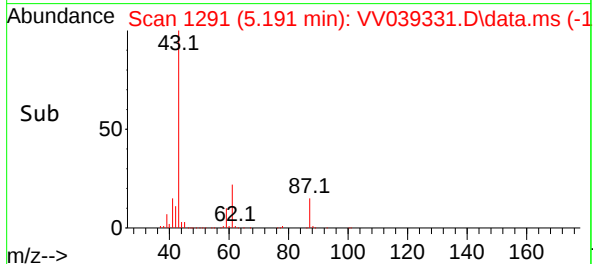
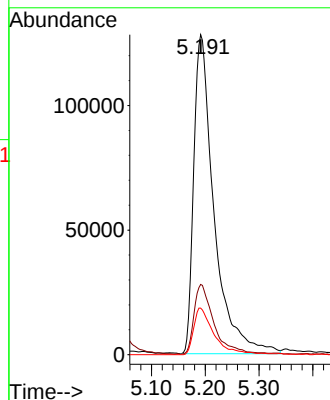
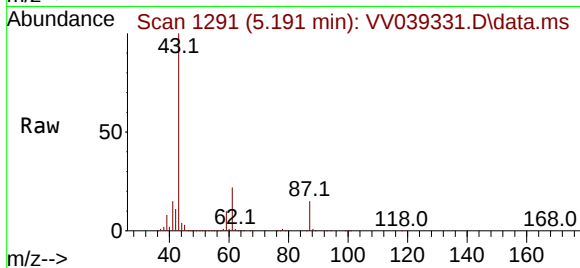
Tgt Ion: 43 Resp: 336423

Ion Ratio Lower Upper

43 100

61 21.0 17.1 25.7

87 14.5 11.5 17.3



#44

Trichloroethene

Concen: 19.948 ug/l

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV039331.D

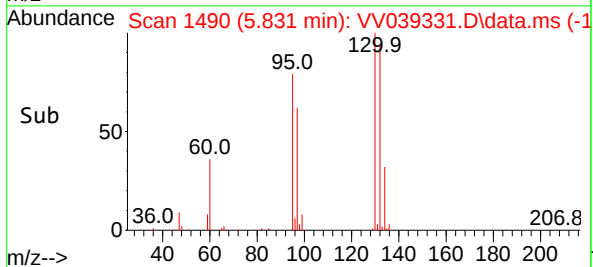
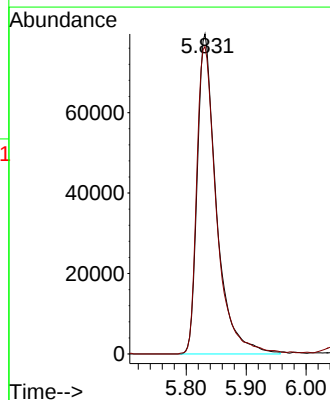
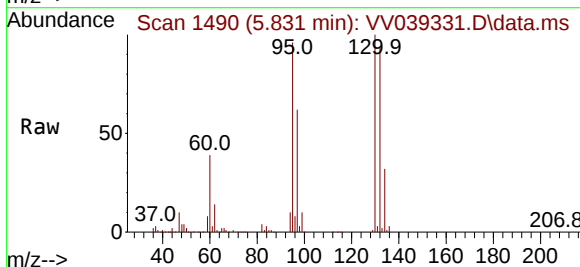
Acq: 05 Nov 2025 12:55

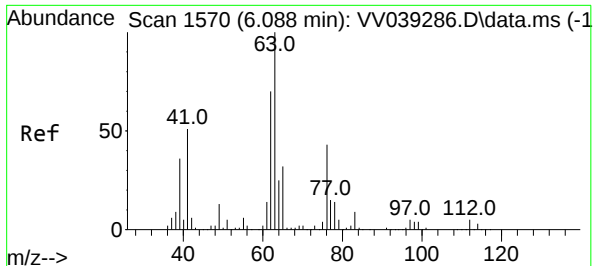
Tgt Ion:130 Resp: 176863

Ion Ratio Lower Upper

130 100

95 95.9 0.0 196.6





#45

1,2-Dichloropropane

Concen: 20.692 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

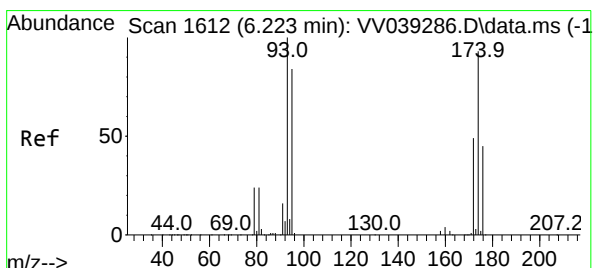
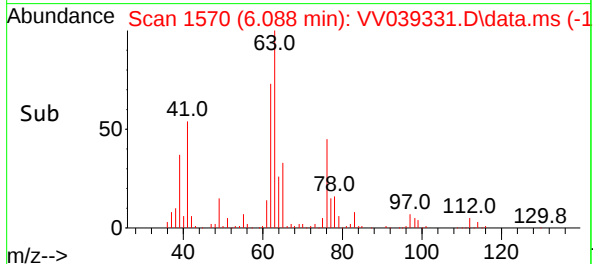
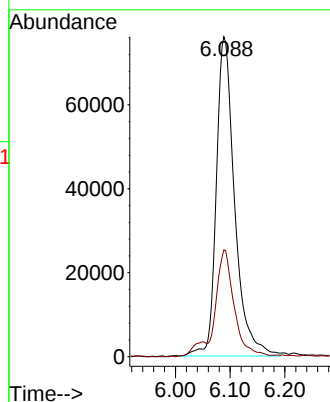
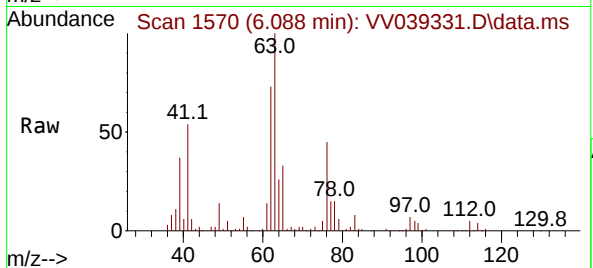
VV1105WBS01

Tgt Ion: 63 Resp: 177521

Ion Ratio Lower Upper

63 100

65 33.2 25.4 38.2



#46

Dibromomethane

Concen: 18.669 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

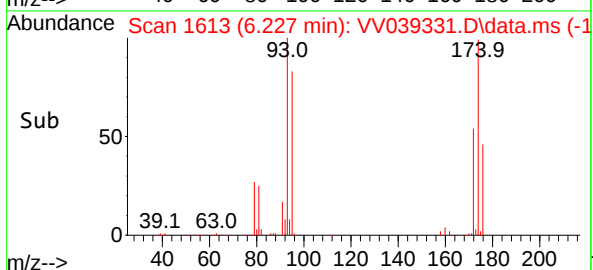
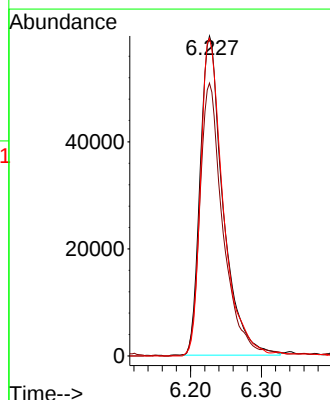
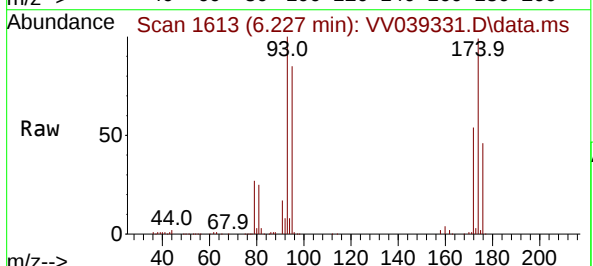
Tgt Ion: 93 Resp: 133875

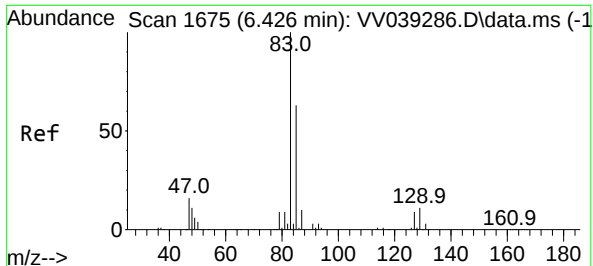
Ion Ratio Lower Upper

93 100

95 86.4 65.6 98.4

174 97.9 74.6 112.0

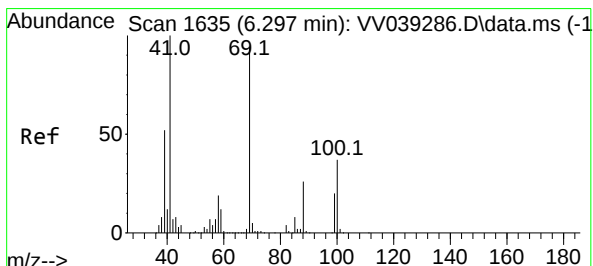
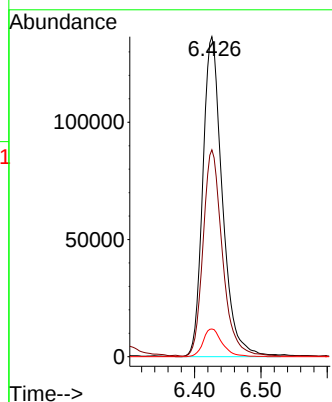
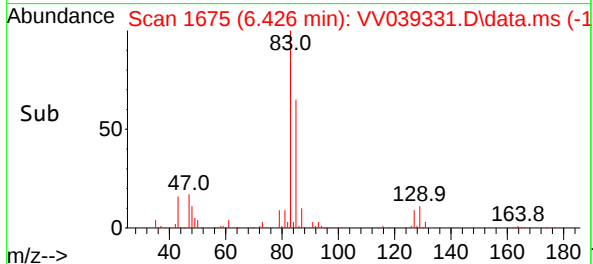
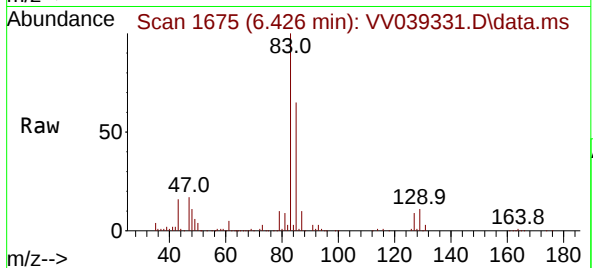




#47
Bromodichloromethane
Concen: 19.824 ug/l
RT: 6.426 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

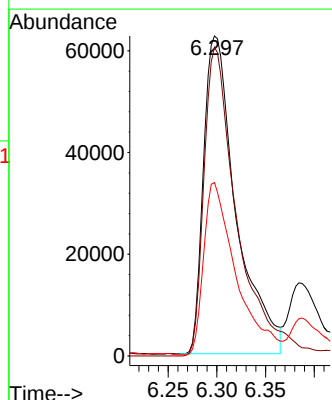
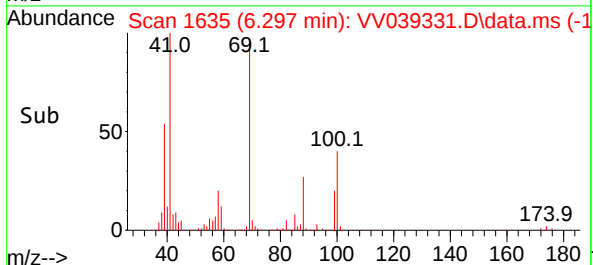
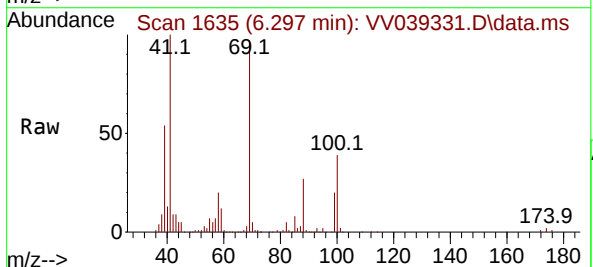
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

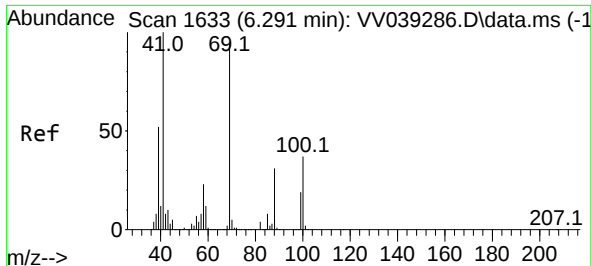
Tgt Ion: 83 Resp: 280100
Ion Ratio Lower Upper
83 100
85 64.4 50.9 76.3
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 18.662 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 41 Resp: 145594
Ion Ratio Lower Upper
41 100
69 99.4 77.2 115.8
39 54.1 41.4 62.0





#49

1,4-Dioxane

Concen: 352.907 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

VV1105WBS01

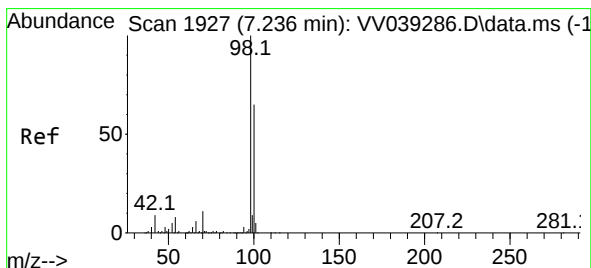
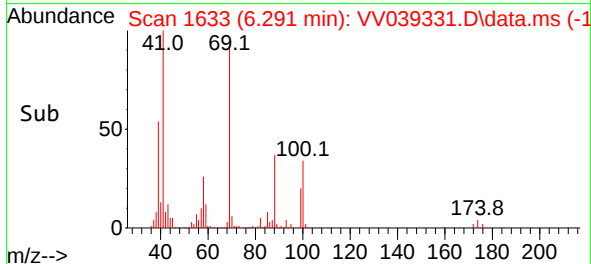
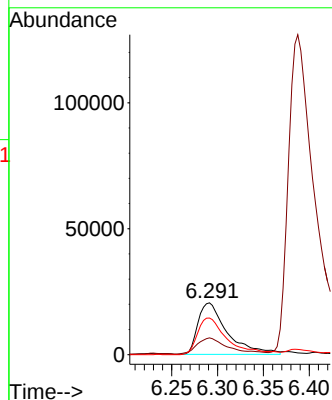
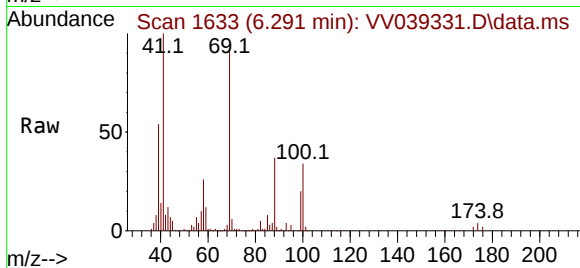
Tgt Ion: 88 Resp: 45801

Ion Ratio Lower Upper

88 100

43 32.7 24.1 36.1

58 72.7 57.6 86.4



#50

Toluene-d8

Concen: 54.211 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV039331.D

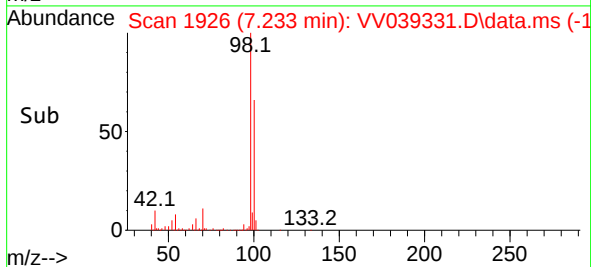
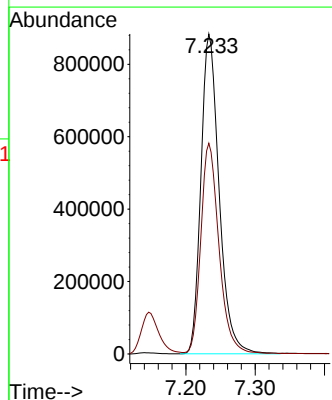
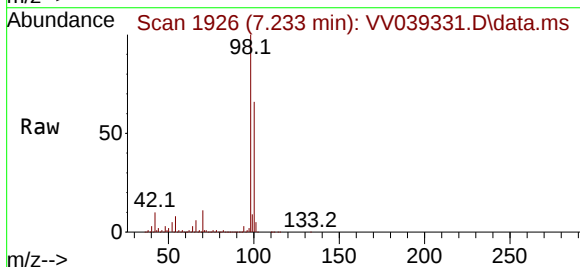
Acq: 05 Nov 2025 12:55

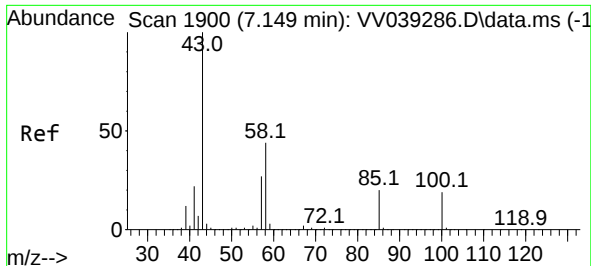
Tgt Ion: 98 Resp: 1613297

Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2

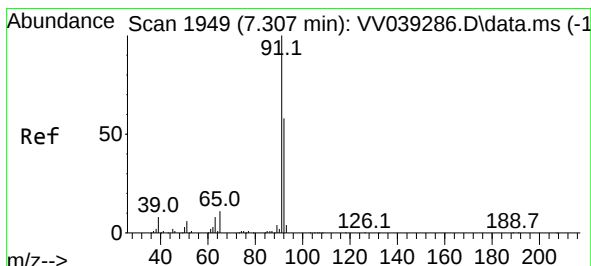
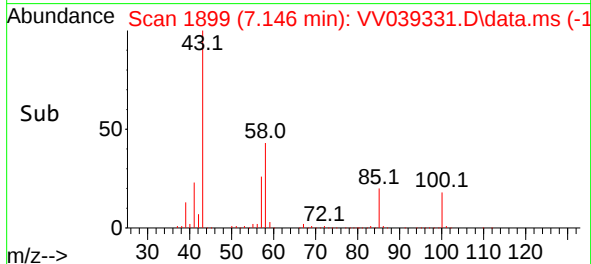
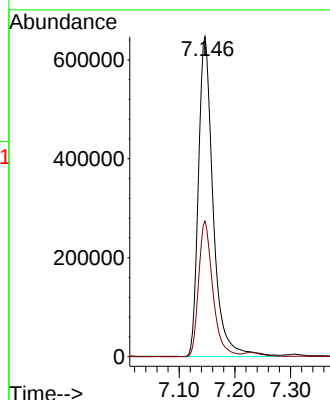
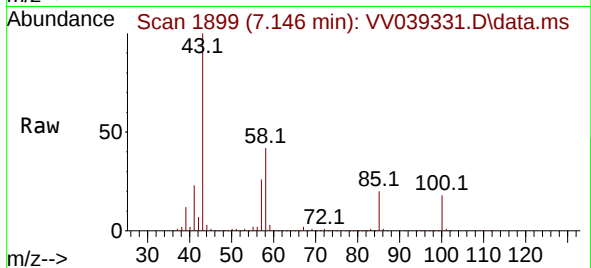




#51
4-Methyl-2-Pentanone
Concen: 101.690 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. -0.003 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

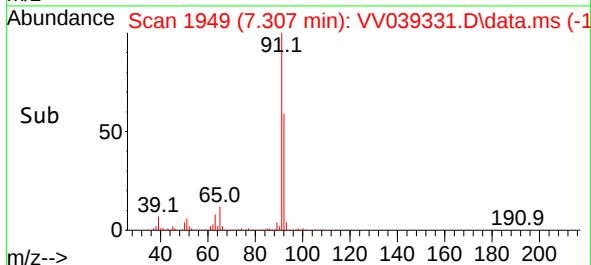
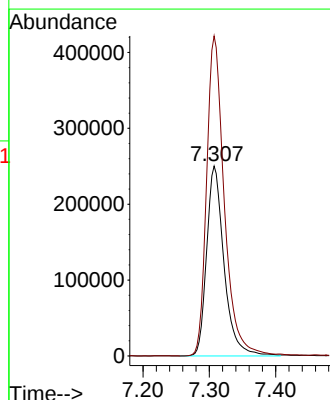
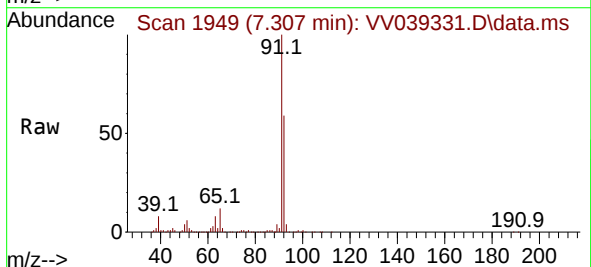
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

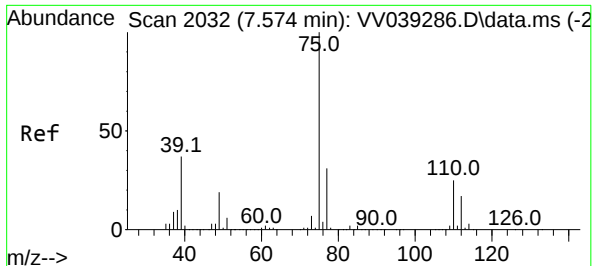
Tgt Ion: 43 Resp: 1188077
Ion Ratio Lower Upper
43 100
58 40.9 34.2 51.4



#52
Toluene
Concen: 21.474 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 92 Resp: 457126
Ion Ratio Lower Upper
92 100
91 170.8 137.3 205.9

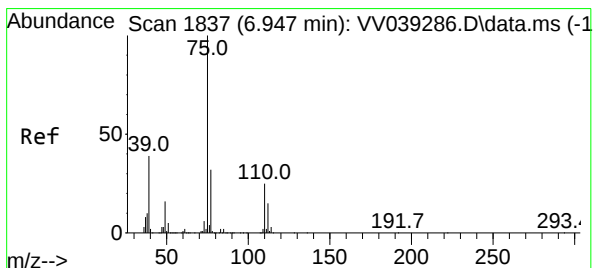
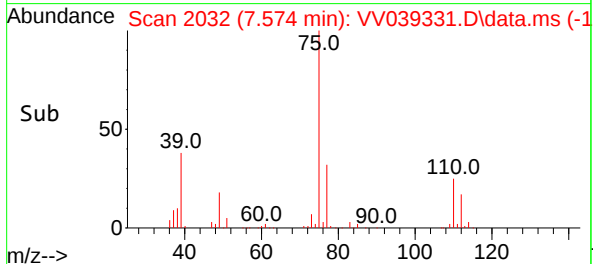
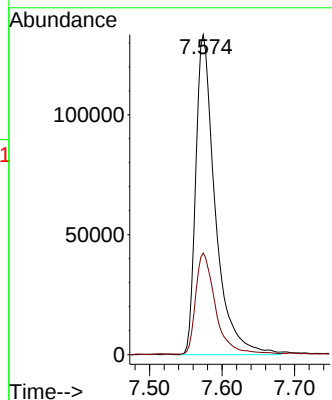
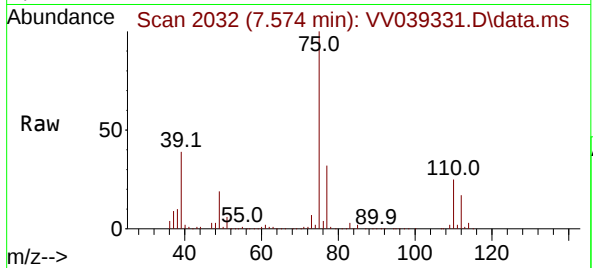




#53
t-1,3-Dichloropropene
Concen: 20.165 ug/l
RT: 7.574 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

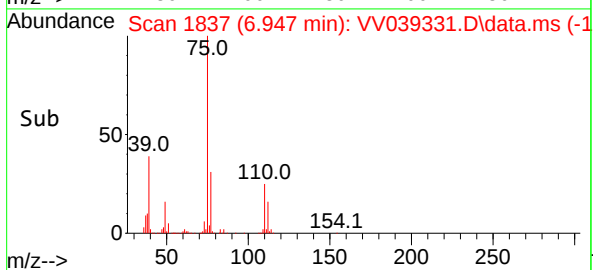
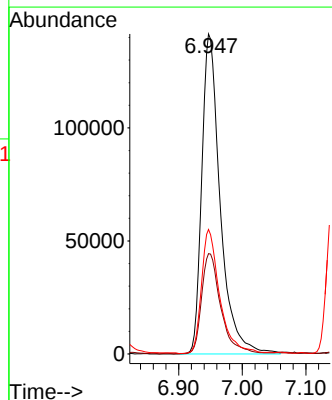
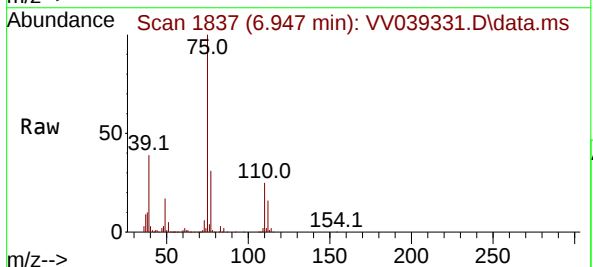
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

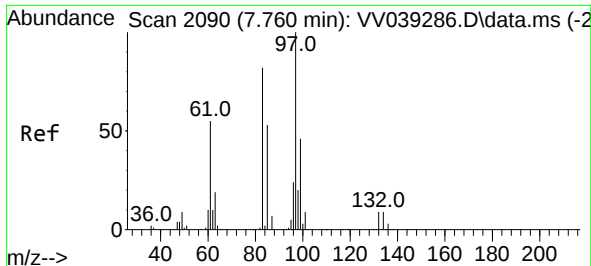
Tgt Ion: 75 Resp: 249007
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 20.746 ug/l
RT: 6.947 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 75 Resp: 284815
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4
39 38.8 31.0 46.6

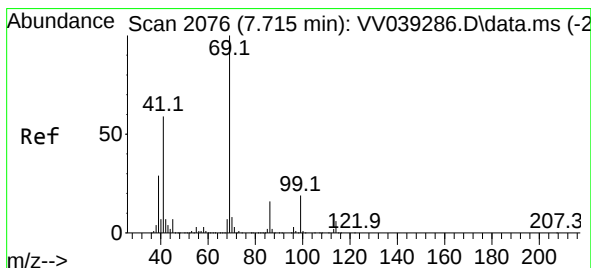
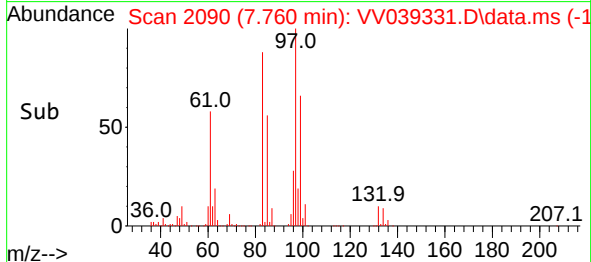
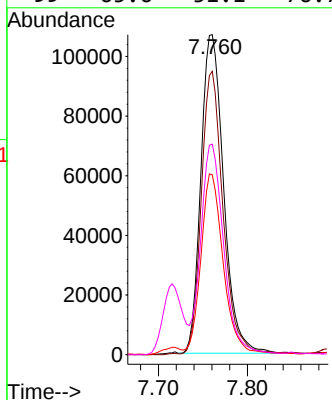
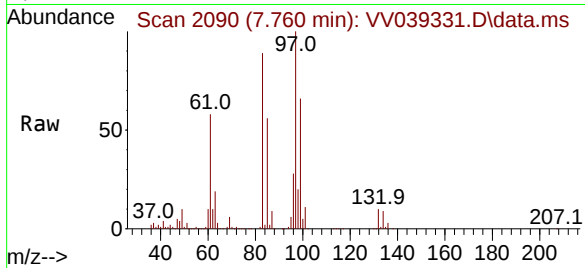




#55
1,1,2-Trichloroethane
Concen: 19.695 ug/l
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

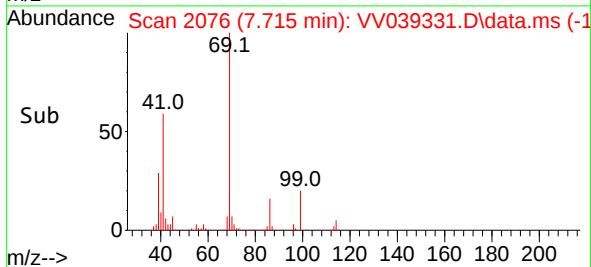
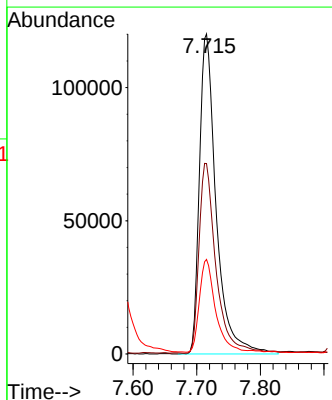
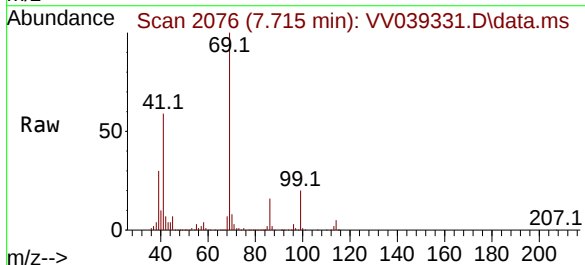
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

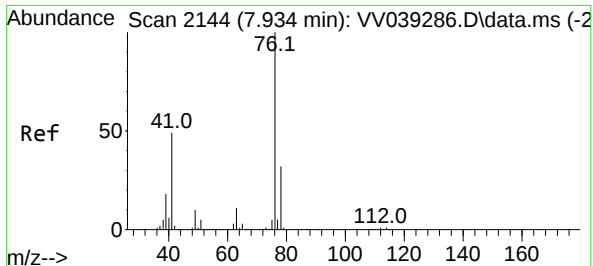
Tgt Ion:	97	Resp:	189312
Ion	Ratio	Lower	Upper
97	100		
83	88.7	65.8	98.8
85	55.9	43.3	64.9
99	65.6	51.1	76.7



#56
Ethyl methacrylate
Concen: 20.212 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion:	69	Resp:	220114
Ion	Ratio	Lower	Upper
69	100		
41	59.9	47.1	70.7
39	27.6	23.2	34.8





#57

1,3-Dichloropropane

Concen: 20.723 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

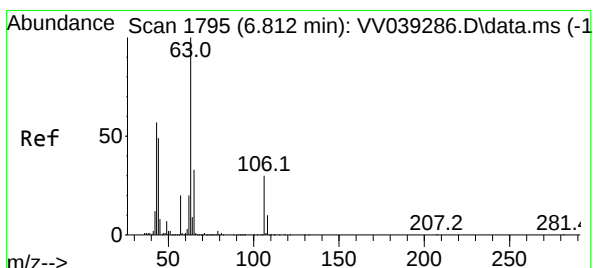
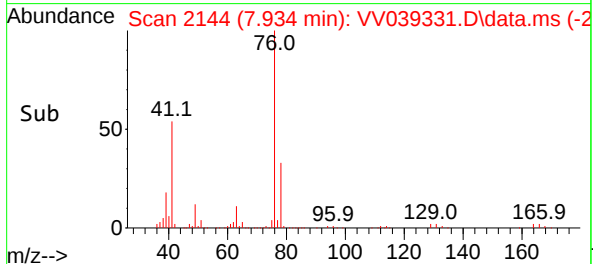
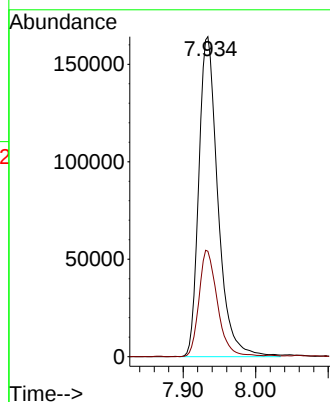
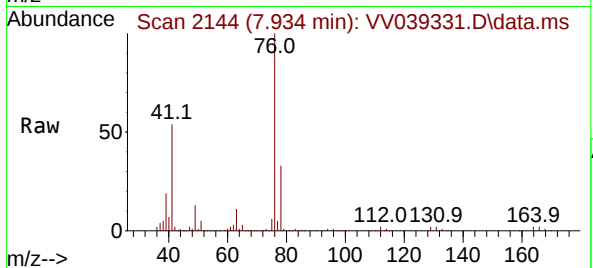
VV1105WBS01

Tgt Ion: 76 Resp: 300599

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 104.109 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VV039331.D

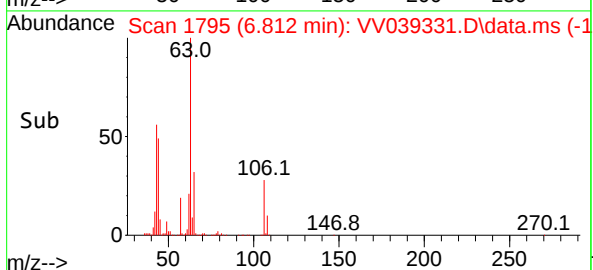
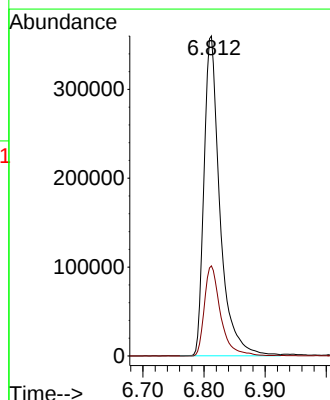
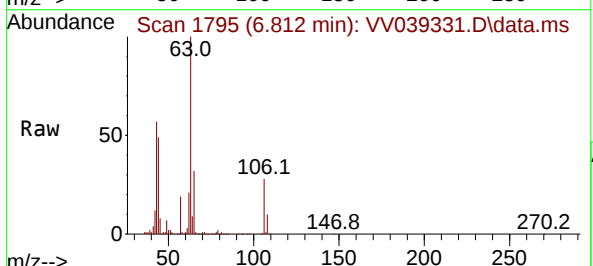
Acq: 05 Nov 2025 12:55

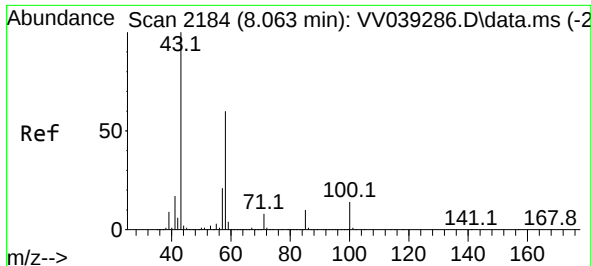
Tgt Ion: 63 Resp: 652369

Ion Ratio Lower Upper

63 100

106 28.7 23.5 35.3

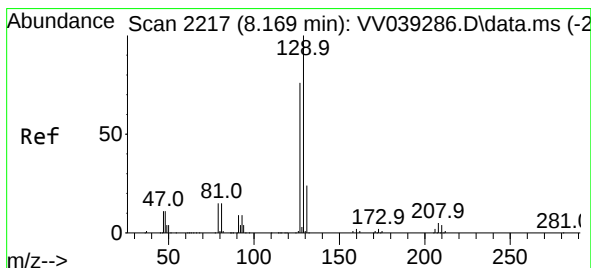
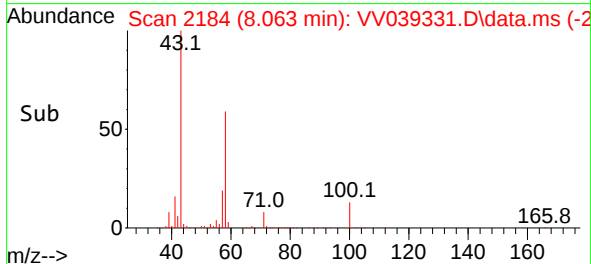
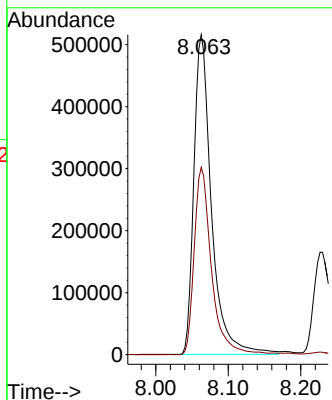
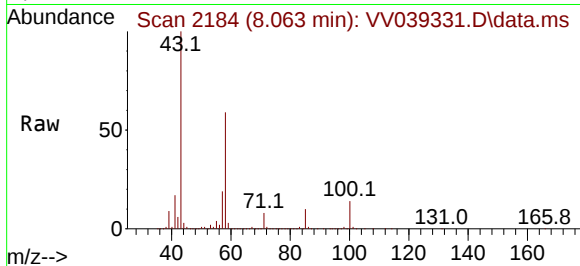




#59
2-Hexanone
Concen: 101.345 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

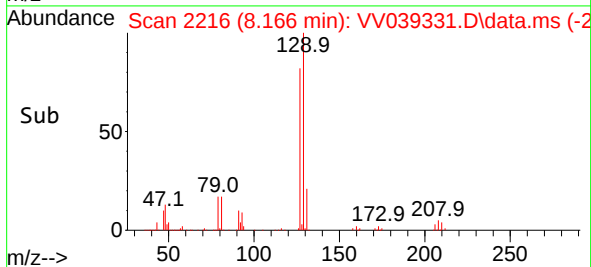
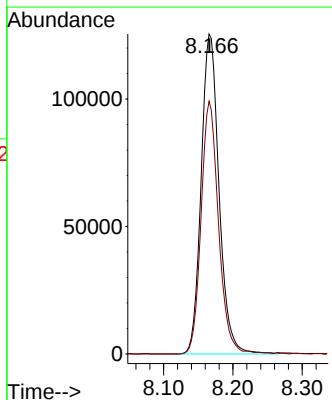
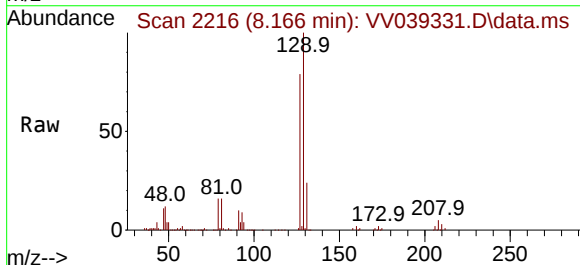
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

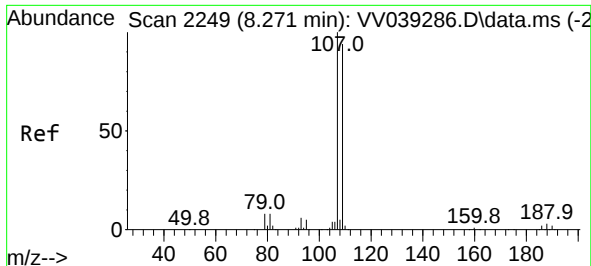
Tgt Ion: 43 Resp: 869269
Ion Ratio Lower Upper
43 100
58 57.4 29.6 88.9



#60
Dibromochloromethane
Concen: 20.008 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 129 Resp: 224872
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1

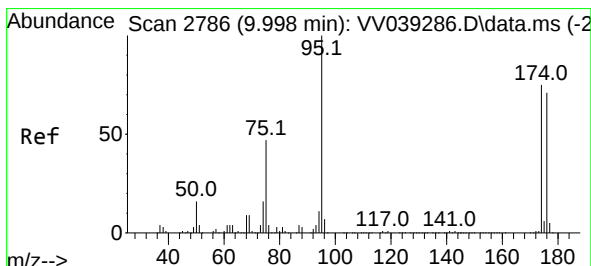
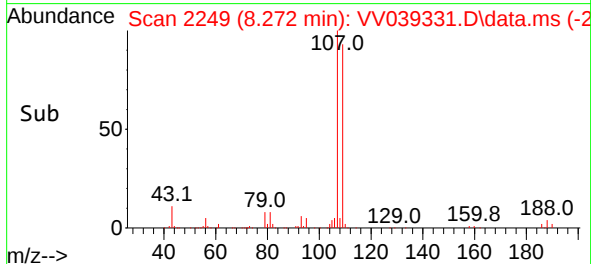
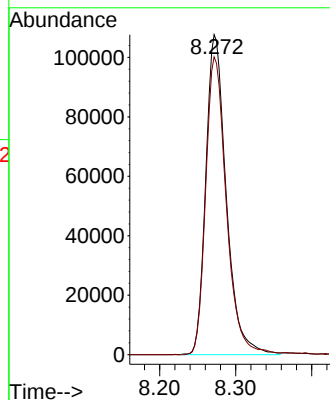
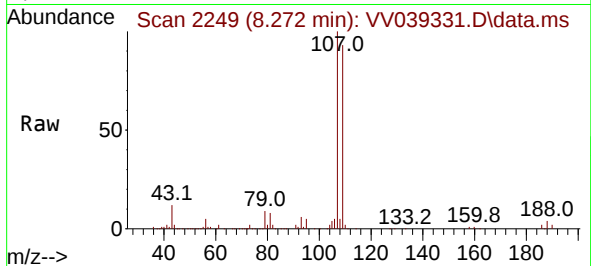




#61
1,2-Dibromoethane
Concen: 20.100 ug/l
RT: 8.272 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

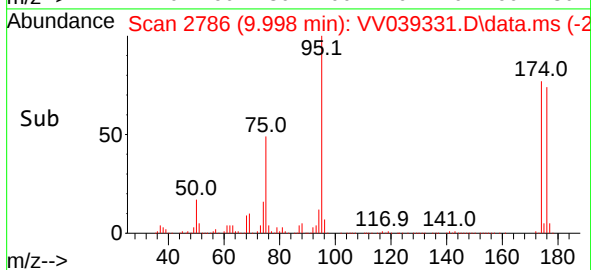
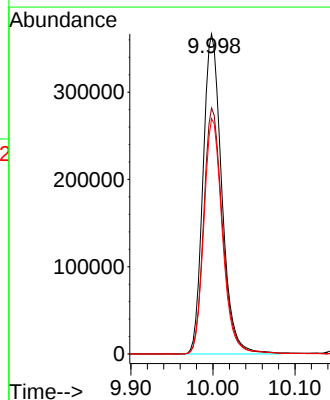
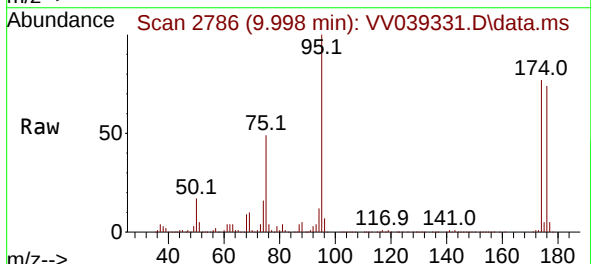
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

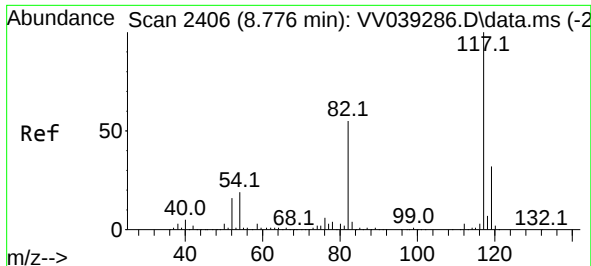
Tgt Ion:107 Resp: 201175
Ion Ratio Lower Upper
107 100
109 93.8 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 54.945 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 95 Resp: 582338
Ion Ratio Lower Upper
95 100
174 77.4 0.0 153.6
176 72.8 0.0 146.0

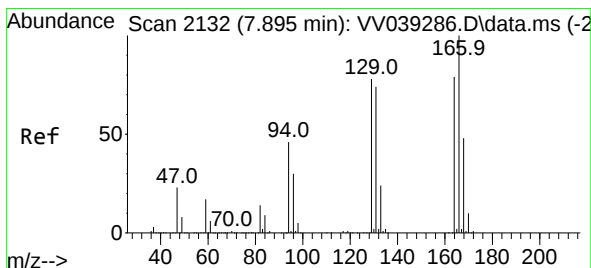
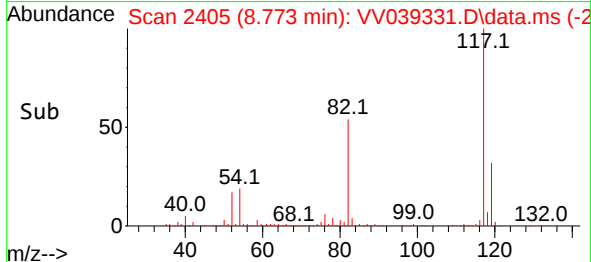
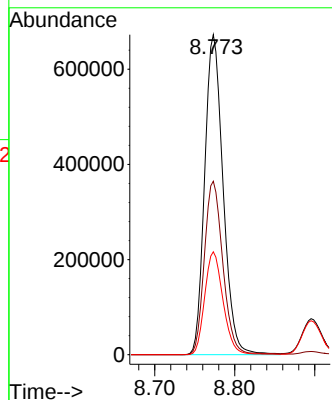
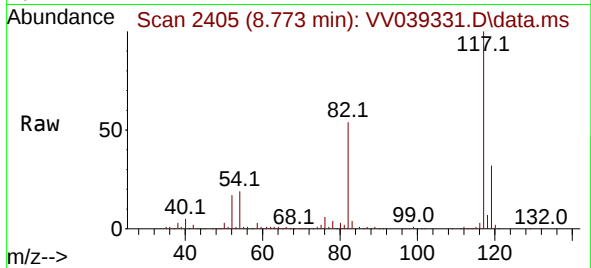




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

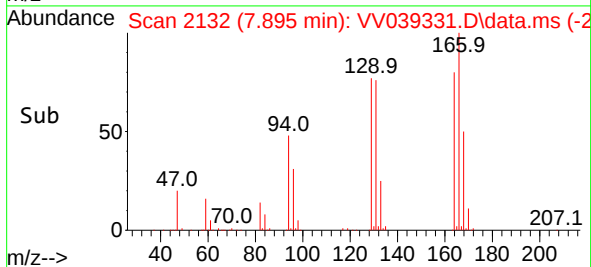
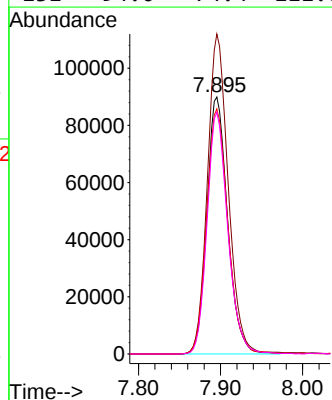
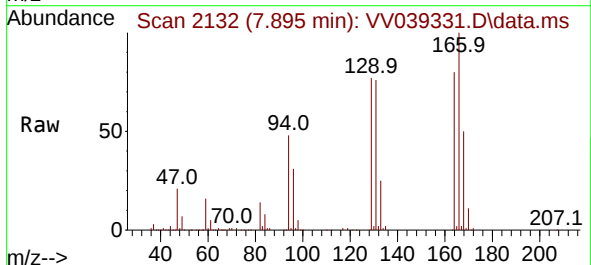
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

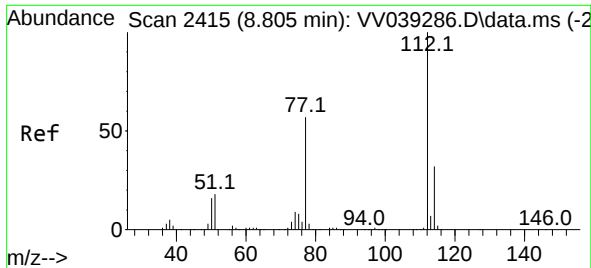
Tgt Ion:117 Resp: 1080434
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.8
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 20.067 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion:164 Resp: 158158
Ion Ratio Lower Upper
164 100
166 124.5 101.0 151.6
129 95.4 79.0 118.6
131 94.0 74.4 111.6

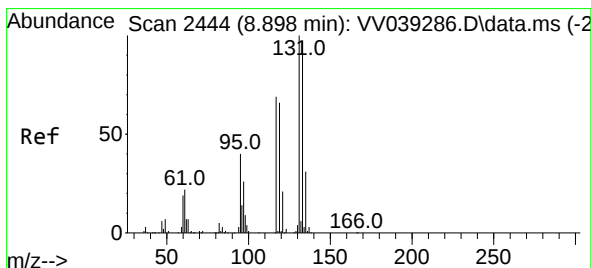
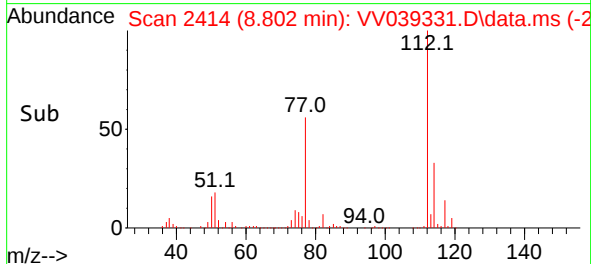
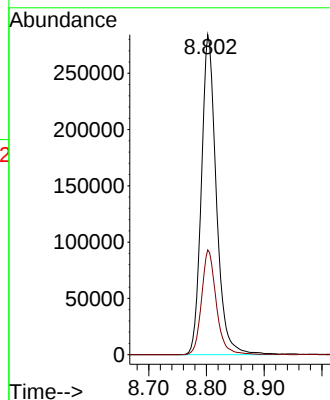
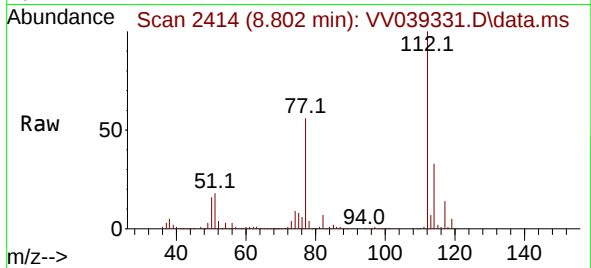




#65
Chlorobenzene
Concen: 19.985 ug/l
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

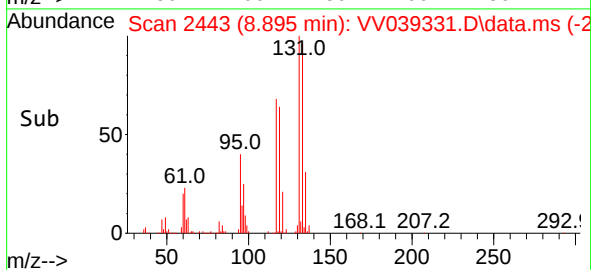
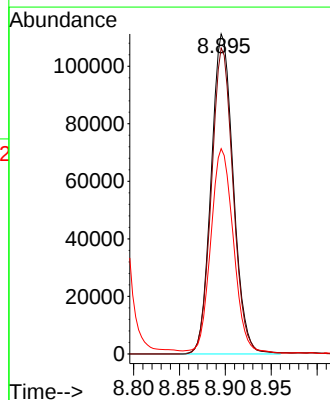
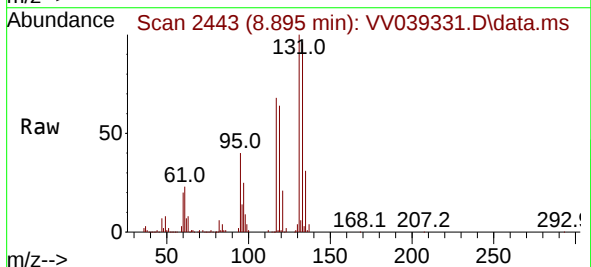
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

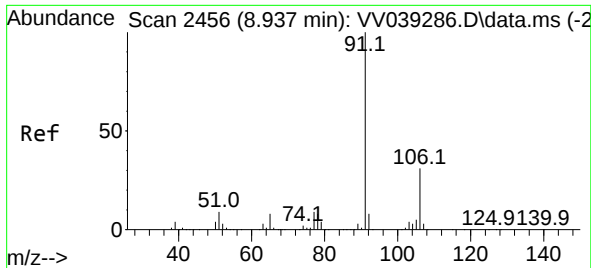
Tgt Ion:112 Resp: 511152
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.509 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.003 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion:131 Resp: 186905
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.3
119 65.4 32.7 98.1

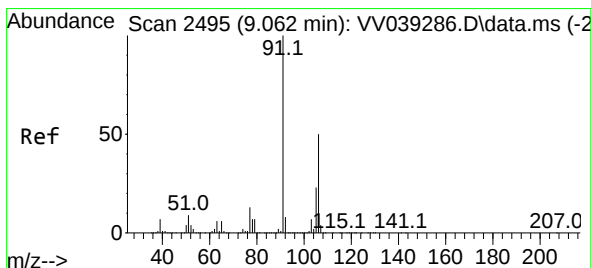
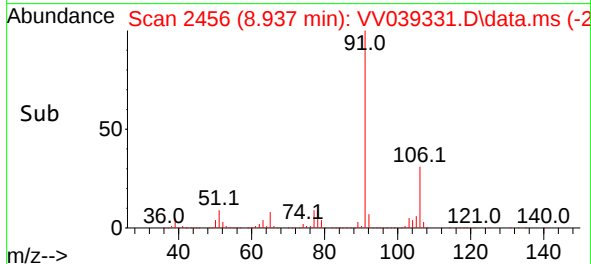
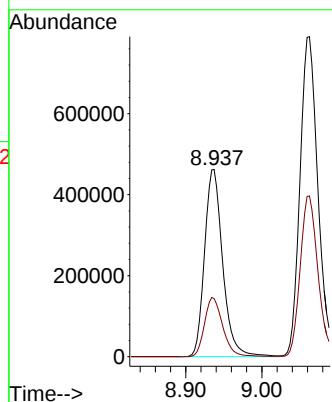
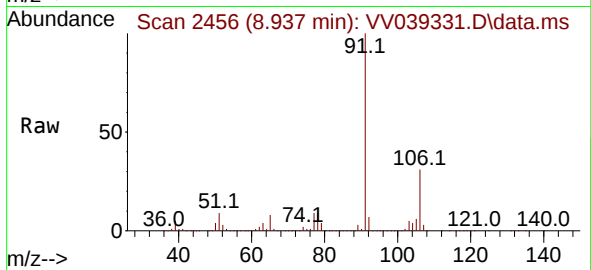




#67
Ethyl Benzene
Concen: 20.373 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

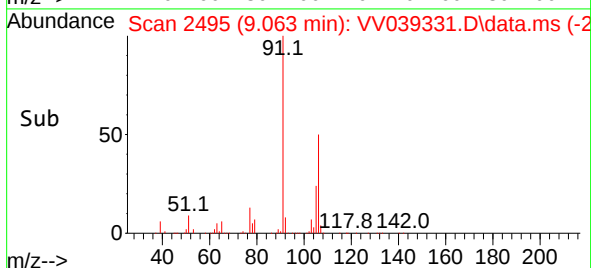
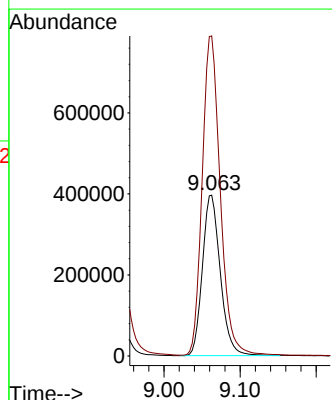
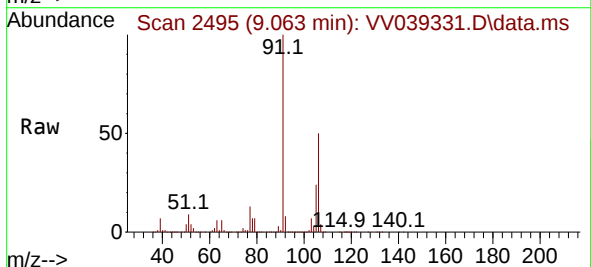
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

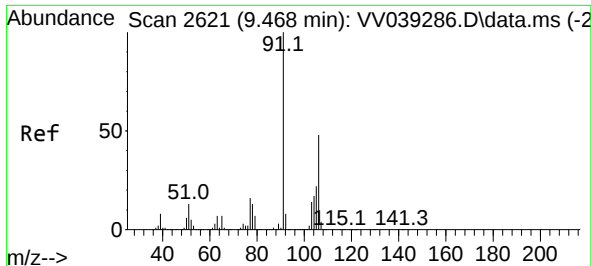
Tgt Ion: 91 Resp: 767565
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0



#68
m/p-Xylenes
Concen: 43.405 ug/l
RT: 9.063 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 106 Resp: 648604
Ion Ratio Lower Upper
106 100
91 201.1 160.2 240.2

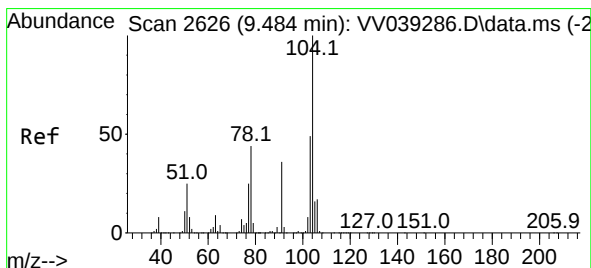
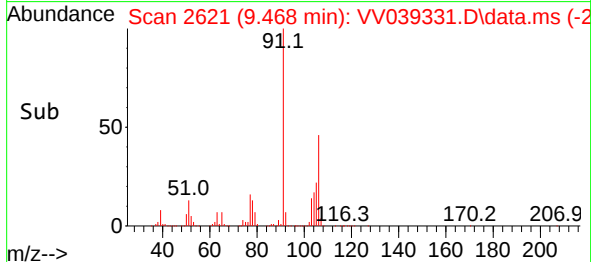
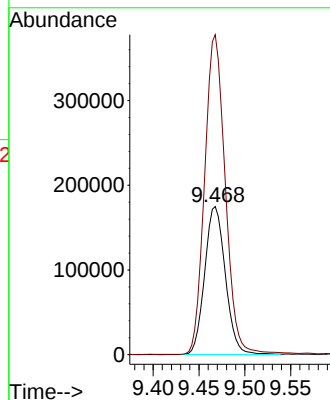
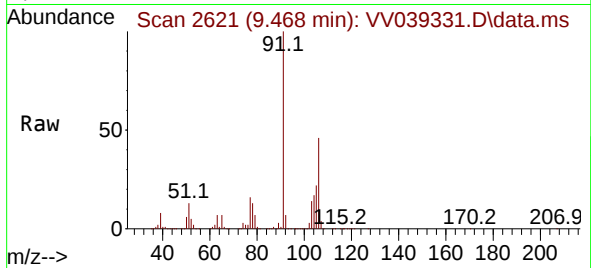




#69
o-Xylene
Concen: 20.788 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

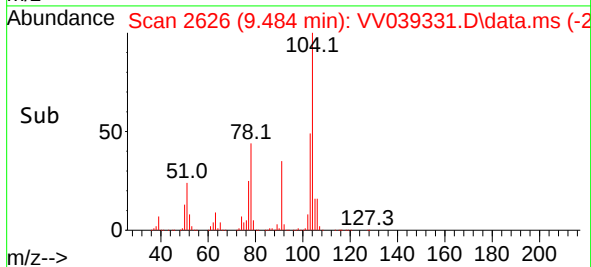
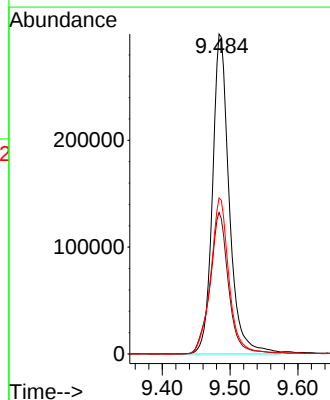
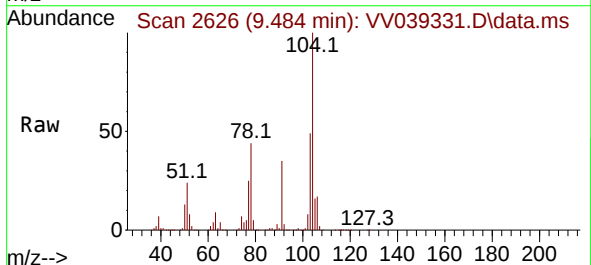
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

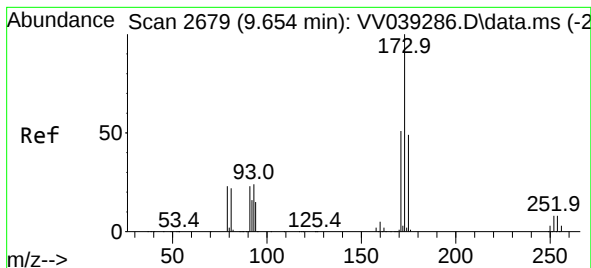
Tgt Ion:106 Resp: 274321
Ion Ratio Lower Upper
106 100
91 215.8 105.8 317.3



#70
Styrene
Concen: 21.927 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion:104 Resp: 514861
Ion Ratio Lower Upper
104 100
78 48.5 38.9 58.3
103 53.7 42.9 64.3





#71

Bromoform

Concen: 19.660 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

VV1105WBS01

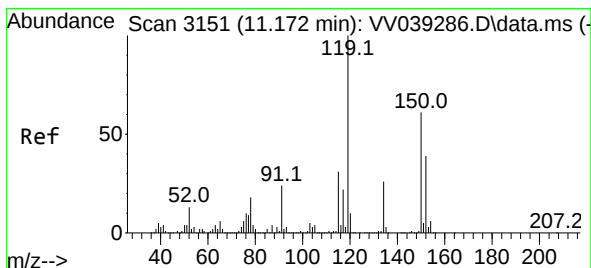
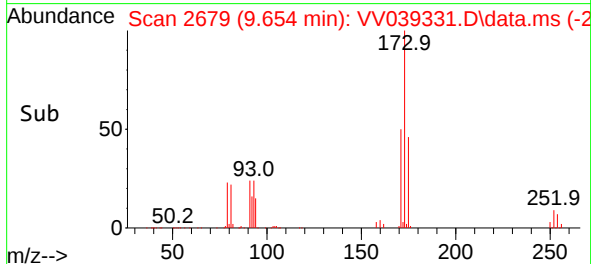
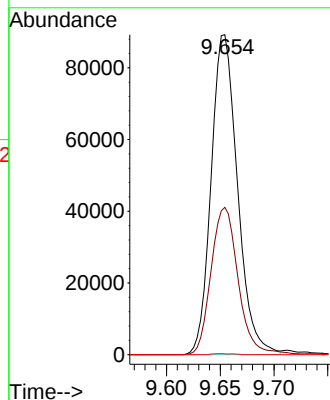
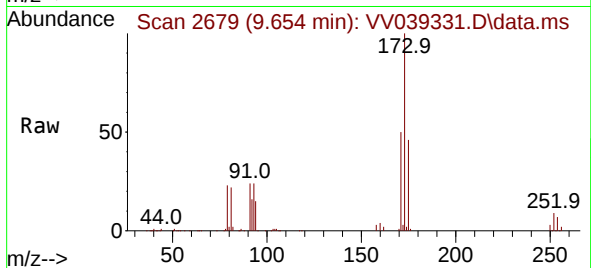
Tgt Ion:173 Resp: 152324

Ion Ratio Lower Upper

173 100

175 47.4 24.6 73.6

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

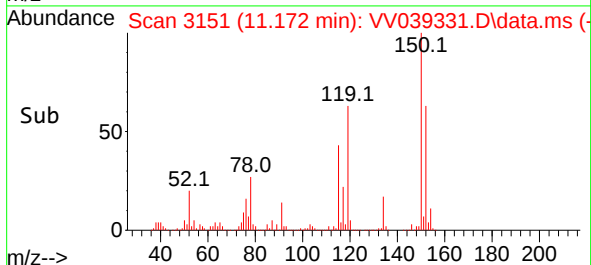
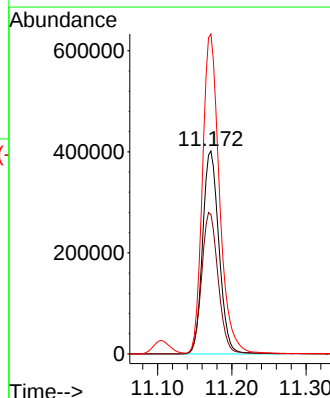
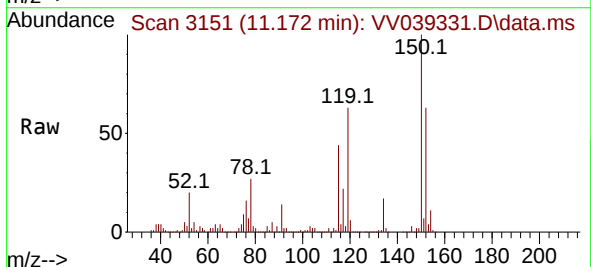
Tgt Ion:152 Resp: 614058

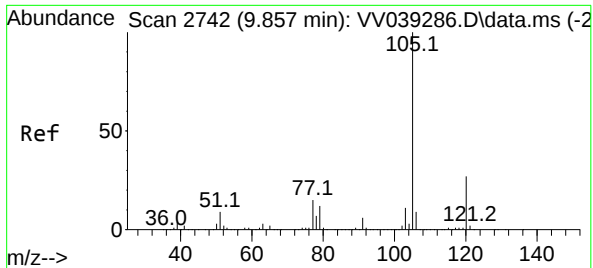
Ion Ratio Lower Upper

152 100

115 70.3 42.3 126.8

150 163.9 0.0 348.0

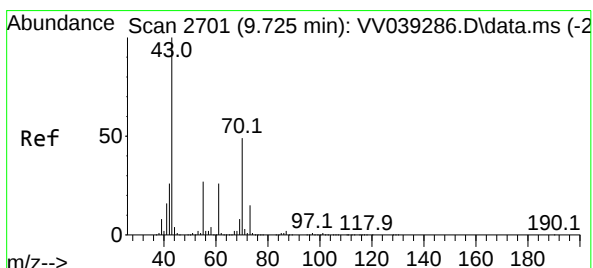
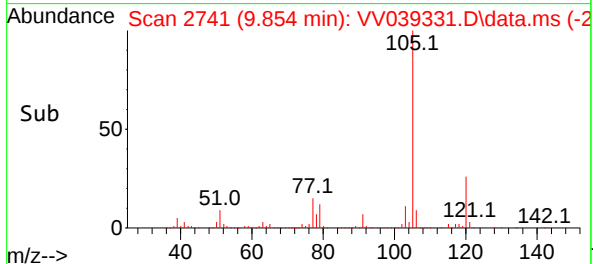
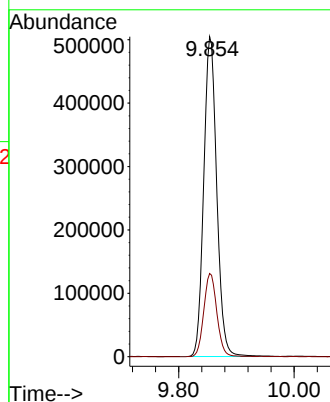
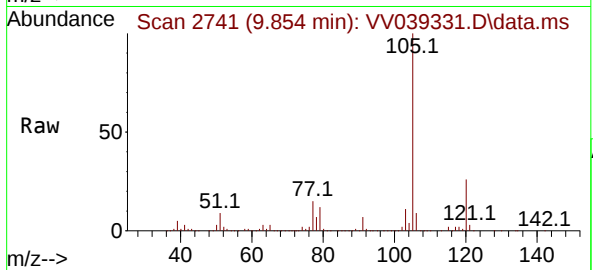




#73
Isopropylbenzene
Concen: 21.103 ug/l
RT: 9.854 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

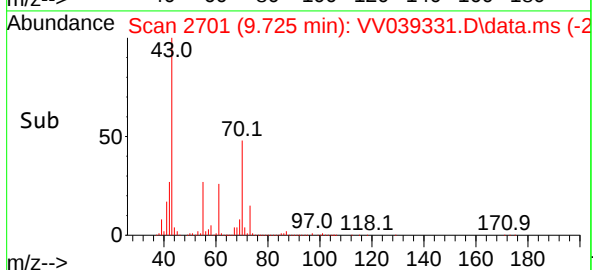
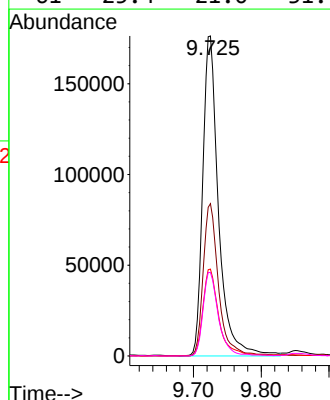
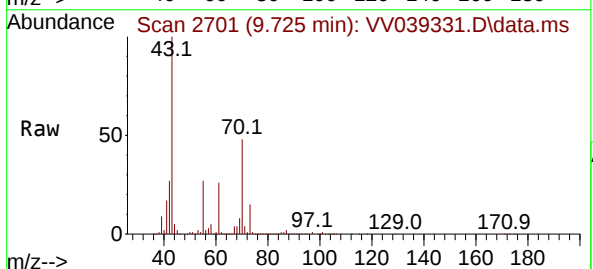
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

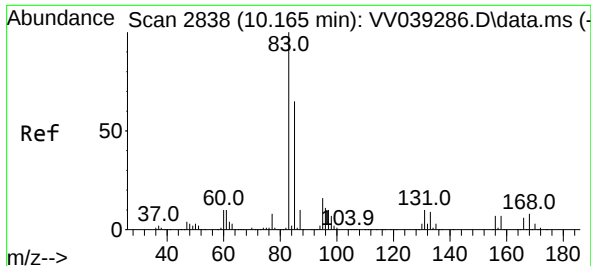
Tgt Ion:105 Resp: 786898
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5



#74
N-ethyl acetate
Concen: 18.581 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 43 Resp: 285486
Ion Ratio Lower Upper
43 100
70 45.9 38.6 58.0
55 26.9 21.9 32.9
61 25.4 21.0 31.4

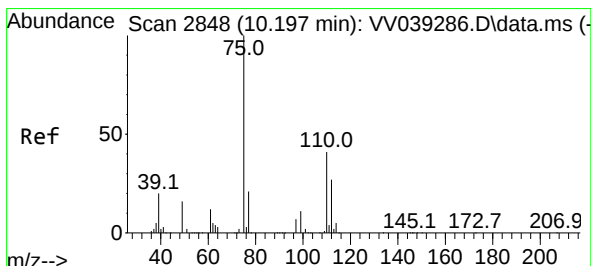
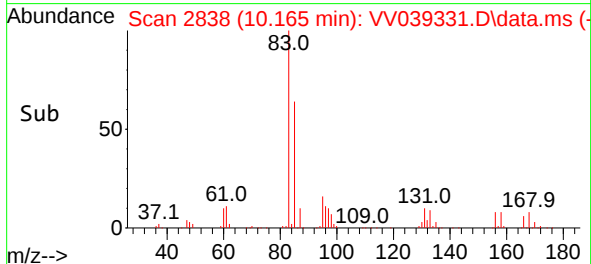
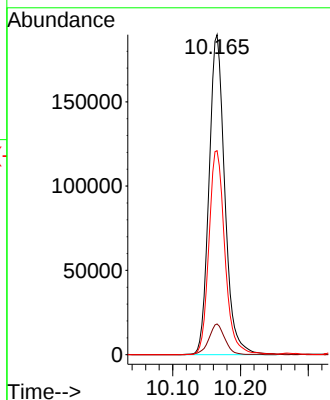
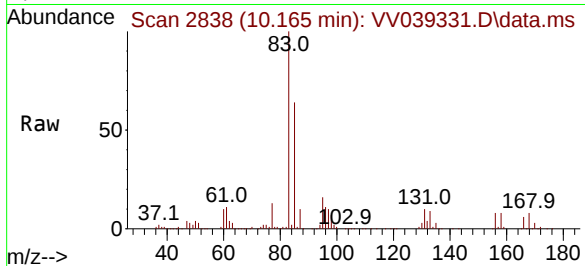




#75
1,1,2,2-Tetrachloroethane
Concen: 17.943 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

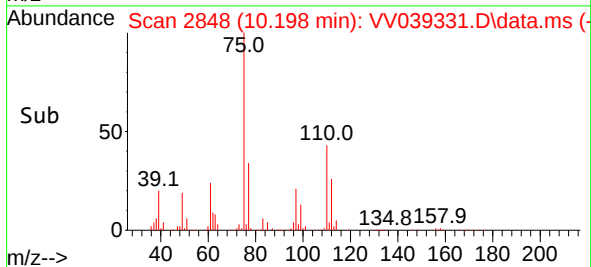
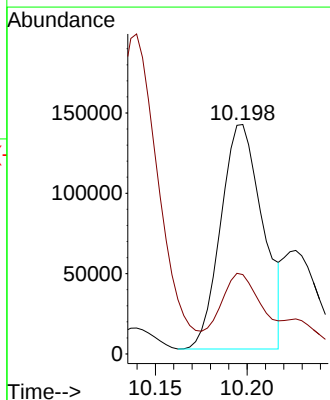
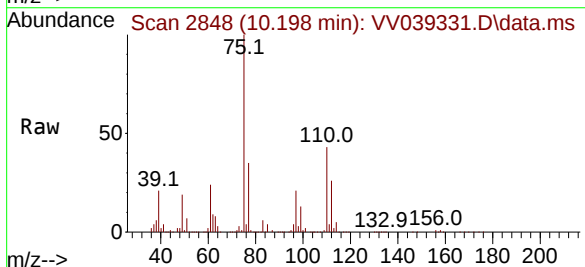
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

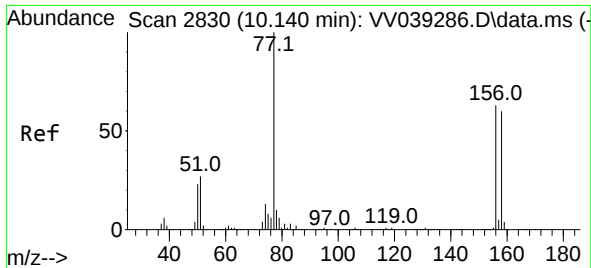
Tgt Ion: 83 Resp: 307266
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 64.6 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 18.243 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 75 Resp: 223589
Ion Ratio Lower Upper
75 100
77 21.3 12.2 36.4

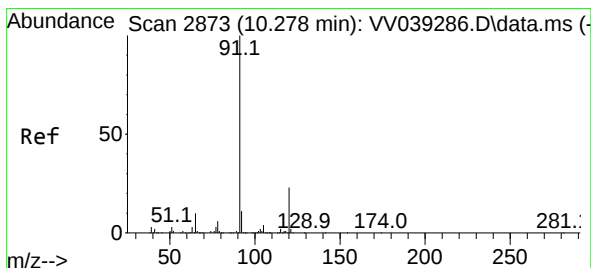
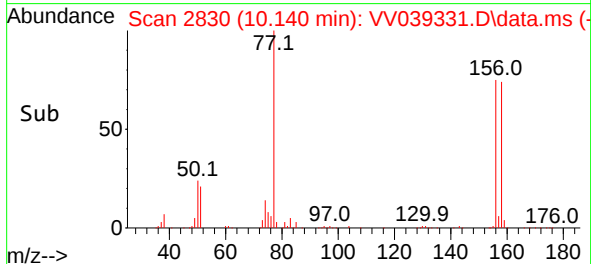
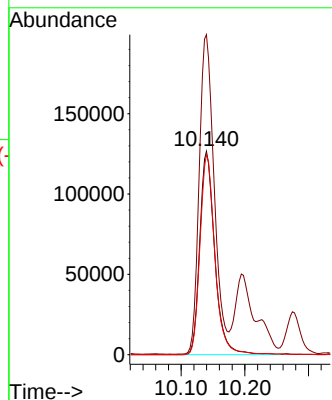
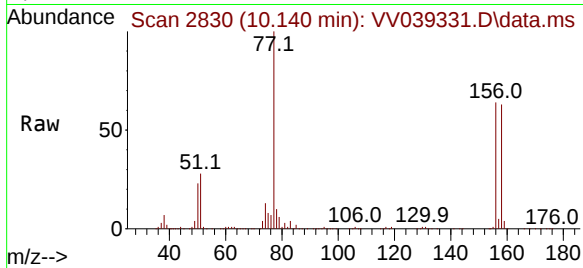




#77
Bromobenzene
Concen: 20.239 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

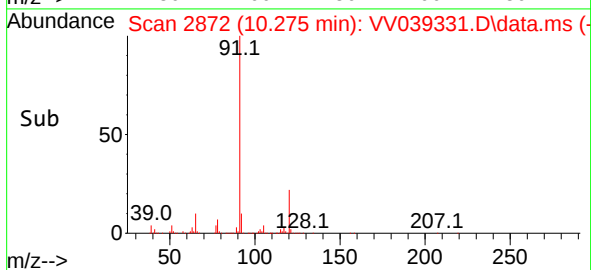
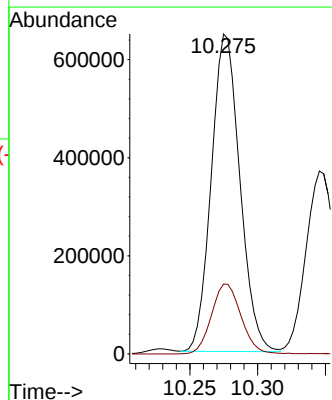
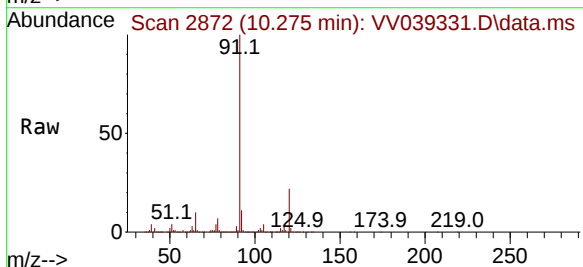
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

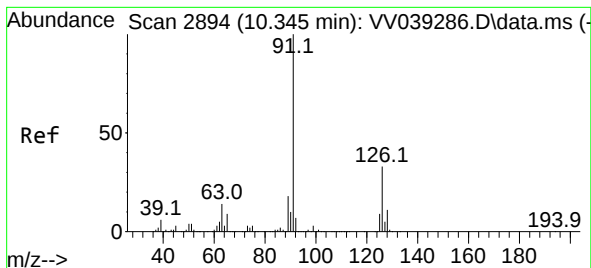
Tgt Ion:156 Resp: 207464
Ion Ratio Lower Upper
156 100
77 157.2 78.4 235.2
158 97.4 47.7 143.1



#78
n-propylbenzene
Concen: 20.981 ug/l
RT: 10.275 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 91 Resp: 949310
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.5





#79

2-Chlorotoluene

Concen: 20.978 ug/l

RT: 10.346 min Scan# 2894

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

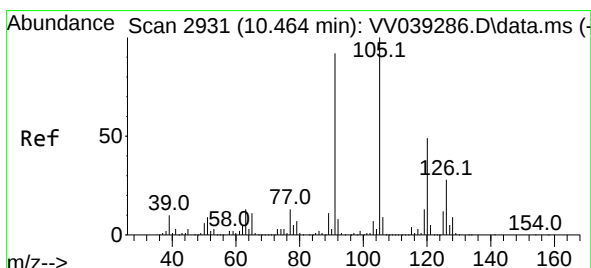
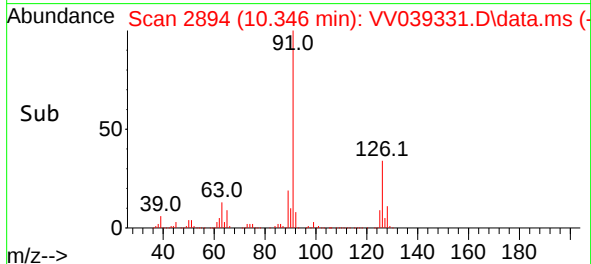
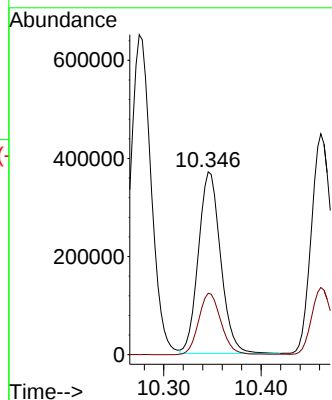
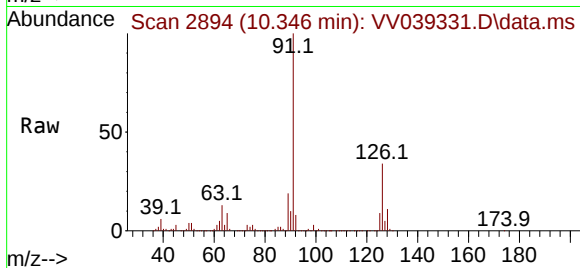
VV1105WBS01

Tgt Ion: 91 Resp: 585997

Ion Ratio Lower Upper

91 100

126 34.4 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 21.641 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV039331.D

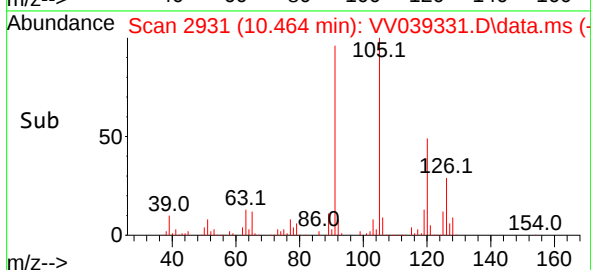
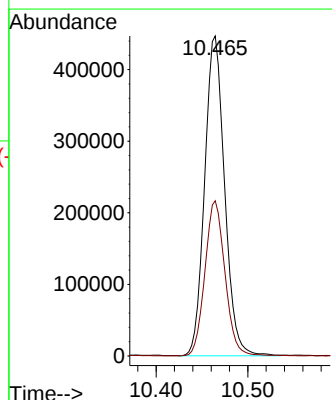
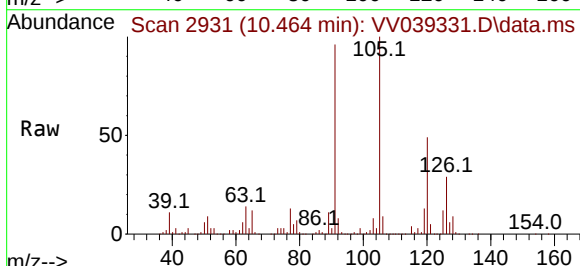
Acq: 05 Nov 2025 12:55

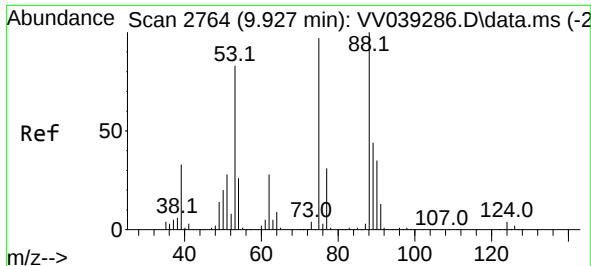
Tgt Ion: 105 Resp: 676780

Ion Ratio Lower Upper

105 100

120 48.7 24.3 73.0

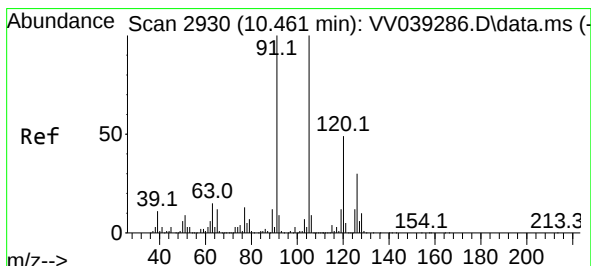
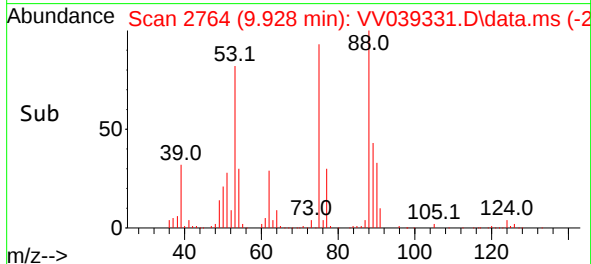
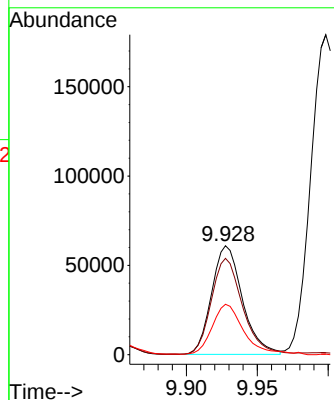
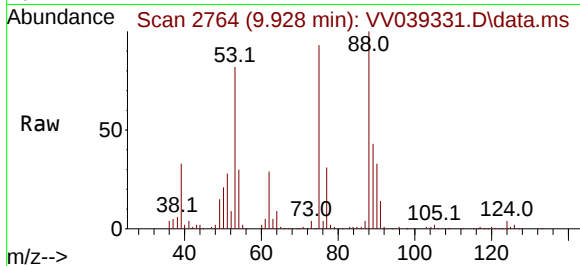




#81
trans-1,4-Dichloro-2-butene
Concen: 18.931 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

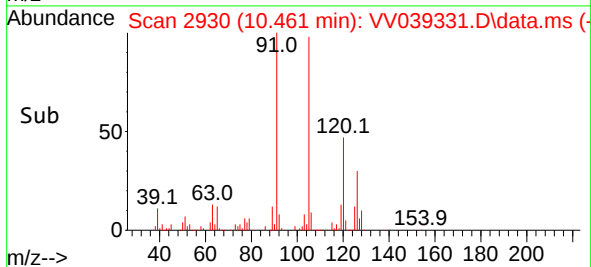
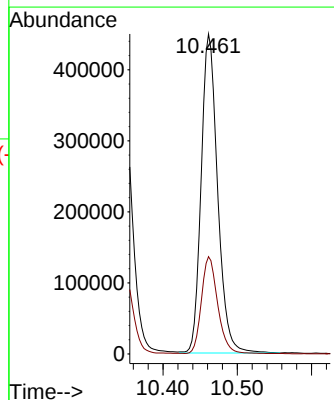
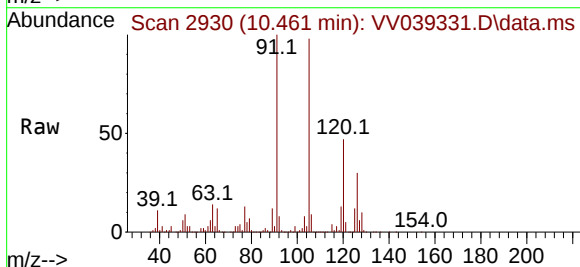
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

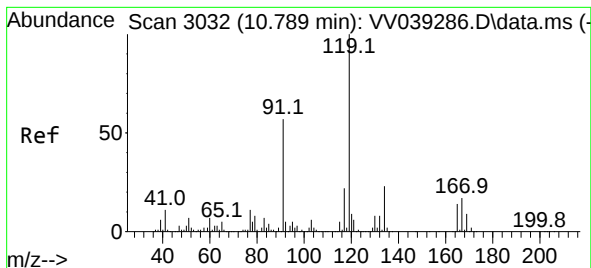
Tgt Ion: 75 Resp: 91871
Ion Ratio Lower Upper
75 100
53 89.0 69.9 104.9
89 48.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.504 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039331.D
Acq: 05 Nov 2025 12:55

Tgt Ion: 91 Resp: 690470
Ion Ratio Lower Upper
91 100
126 30.0 14.8 44.4





#83

tert-Butylbenzene

Concen: 20.114 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

VV1105WBS01

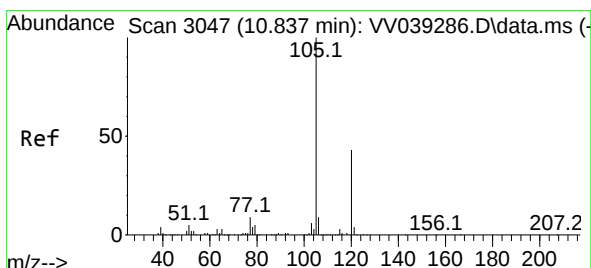
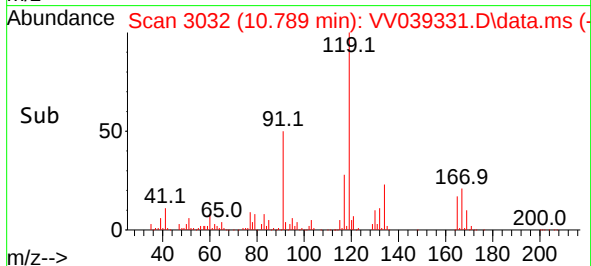
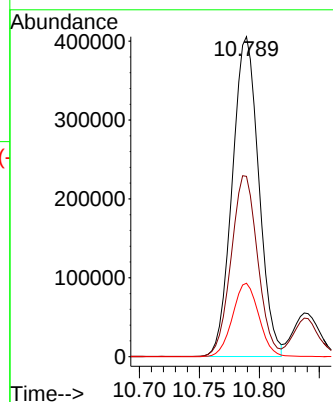
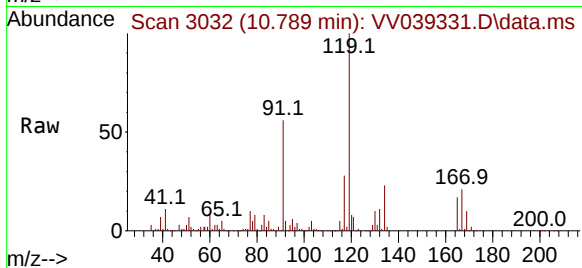
Tgt Ion:119 Resp: 624594

Ion Ratio Lower Upper

119 100

91 56.6 28.2 84.7

134 22.9 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 21.785 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV039331.D

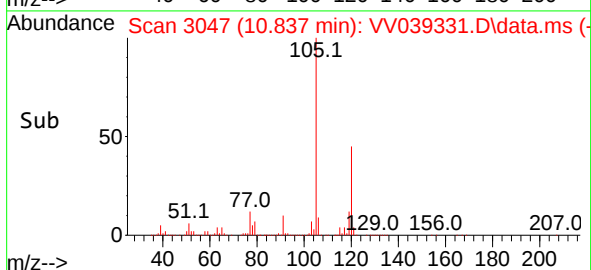
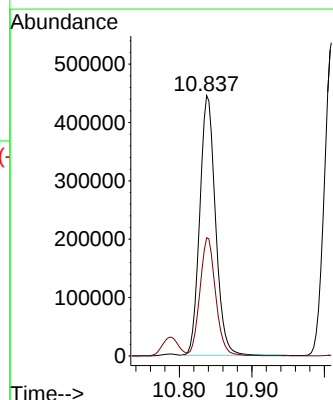
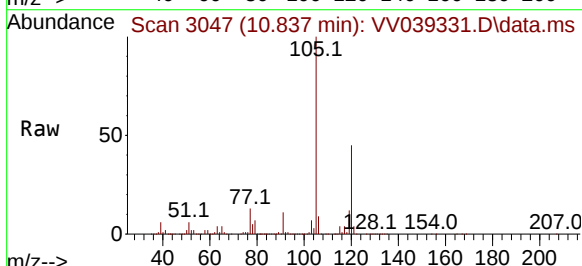
Acq: 05 Nov 2025 12:55

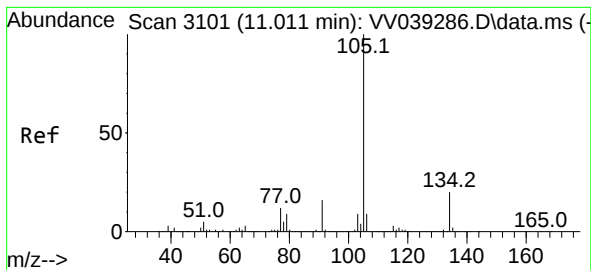
Tgt Ion:105 Resp: 670688

Ion Ratio Lower Upper

105 100

120 45.3 22.8 68.4





#85

sec-Butylbenzene

Concen: 20.976 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

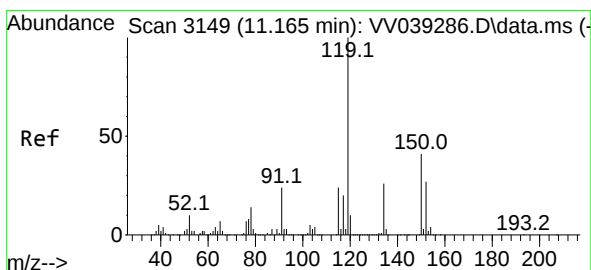
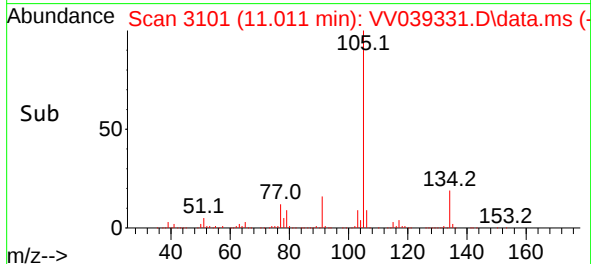
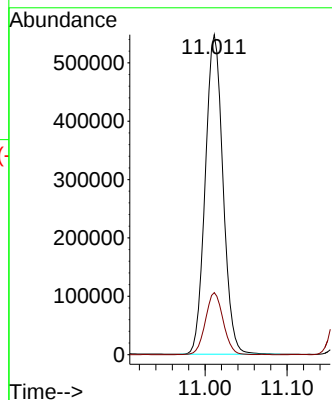
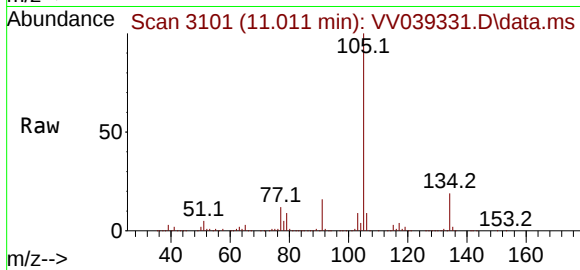
VV1105WBS01

Tgt Ion:105 Resp: 823564

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 21.065 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

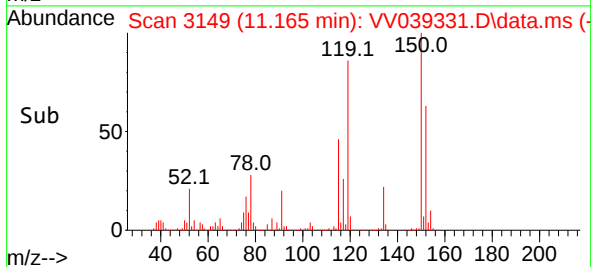
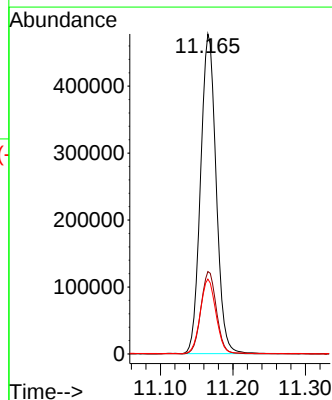
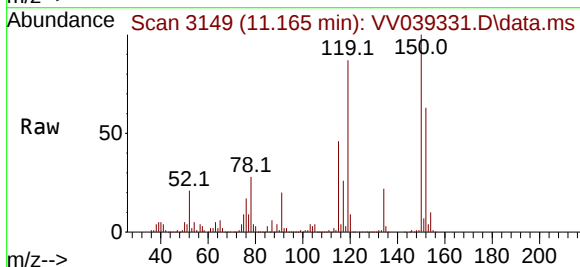
Tgt Ion:119 Resp: 711111

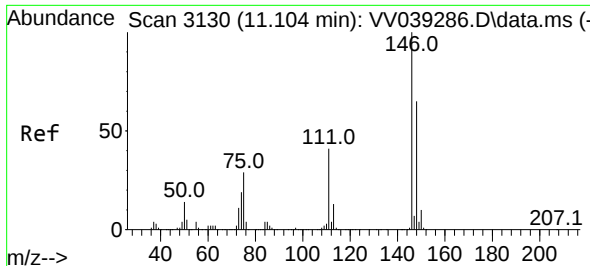
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 23.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.957 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

VV1105WBS01

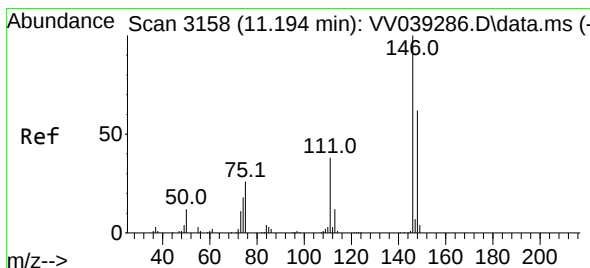
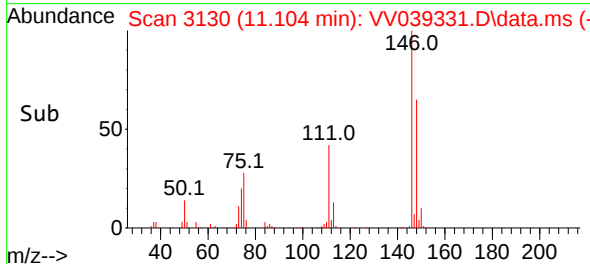
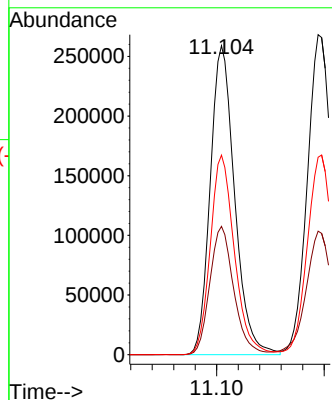
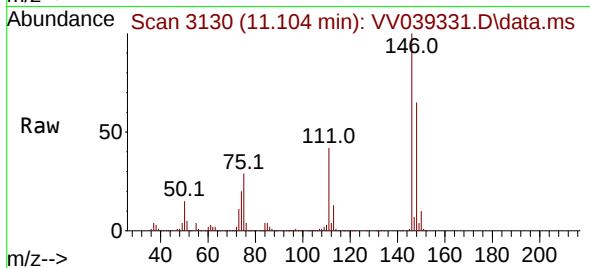
Tgt Ion:146 Resp: 408042

Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.8

148 64.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.482 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

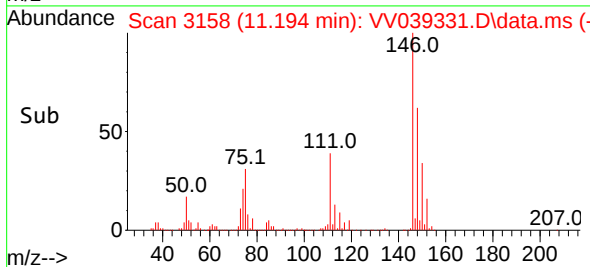
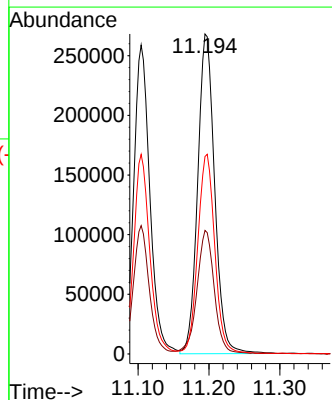
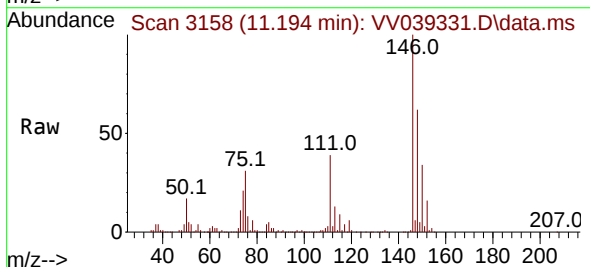
Tgt Ion:146 Resp: 445782

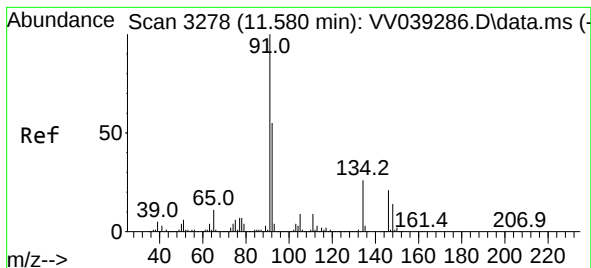
Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.0

148 62.4 31.5 94.5





#89

n-Butylbenzene

Concen: 20.089 ug/l

RT: 11.580 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

VV1105WBS01

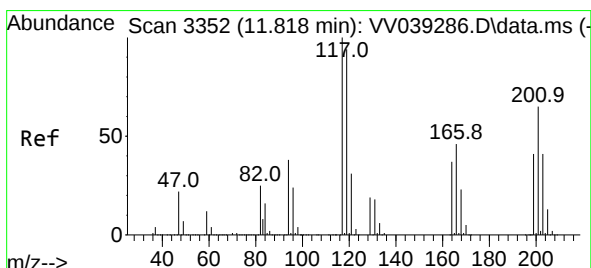
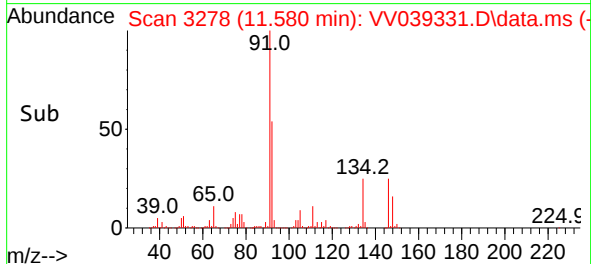
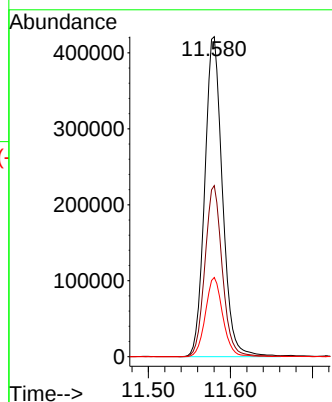
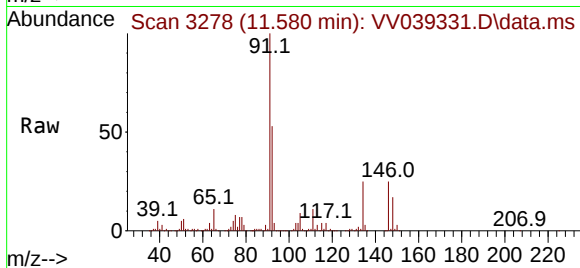
Tgt Ion: 91 Resp: 631556

Ion Ratio Lower Upper

91 100

92 52.4 26.9 80.6

134 24.3 12.6 37.8



#90

Hexachloroethane

Concen: 18.693 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. 0.000 min

Lab File: VV039331.D

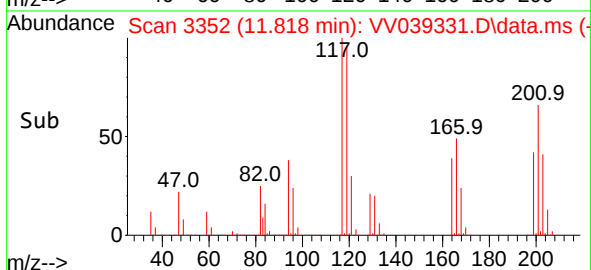
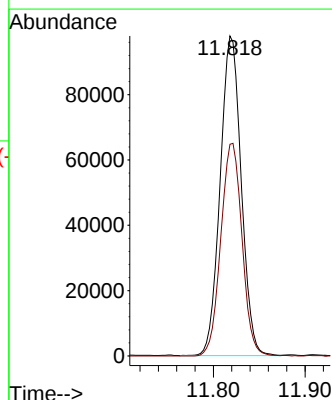
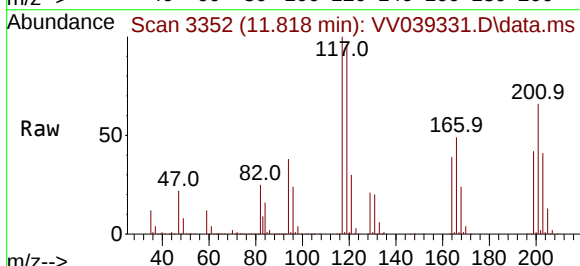
Acq: 05 Nov 2025 12:55

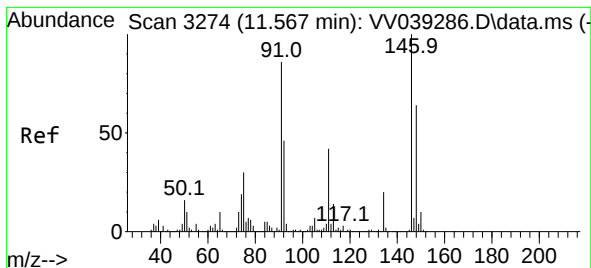
Tgt Ion: 117 Resp: 156038

Ion Ratio Lower Upper

117 100

201 66.9 33.7 101.1





#91

1,2-Dichlorobenzene

Concen: 19.212 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

VV1105WBS01

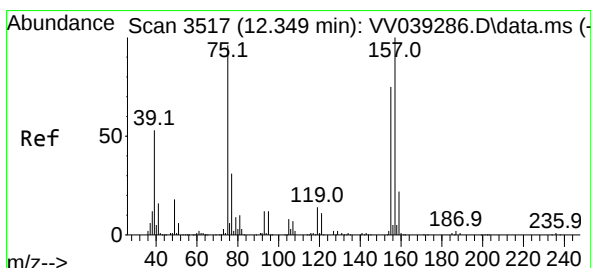
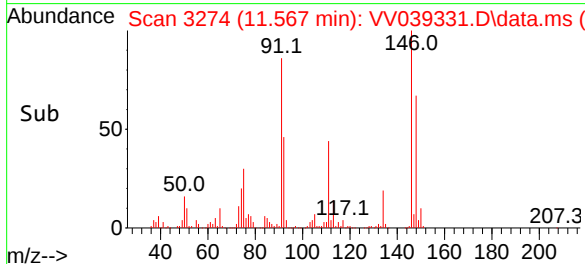
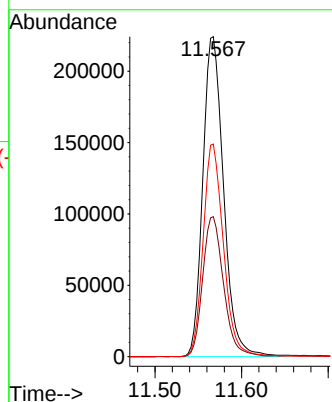
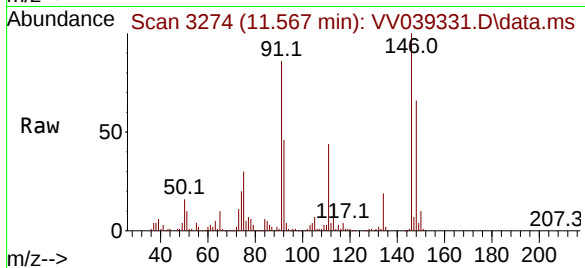
Tgt Ion:146 Resp: 373670

Ion Ratio Lower Upper

146 100

111 44.0 21.3 64.0

148 65.1 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.094 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

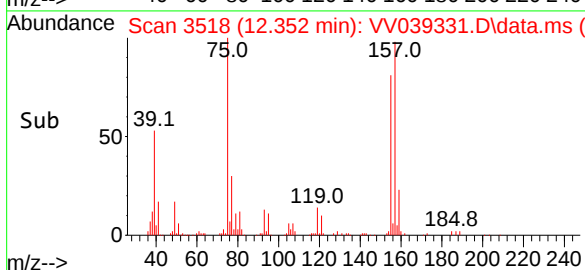
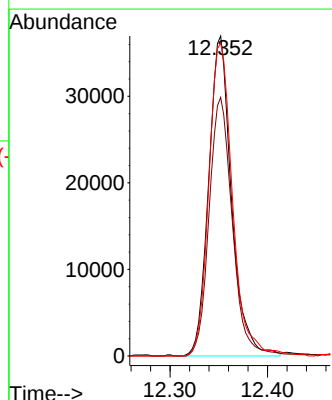
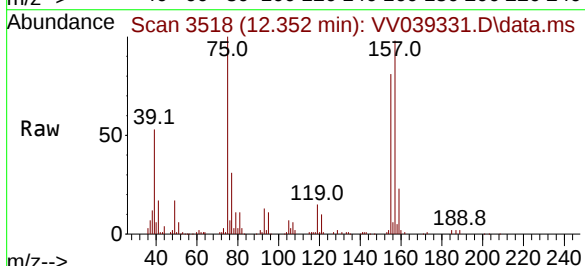
Tgt Ion: 75 Resp: 60189

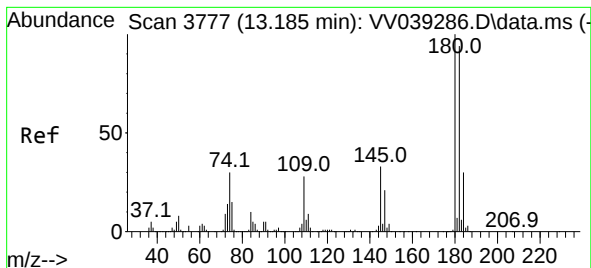
Ion Ratio Lower Upper

75 100

155 82.6 40.8 122.5

157 101.3 53.3 160.0





#93

1,2,4-Trichlorobenzene

Concen: 19.460 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

VV1105WBS01

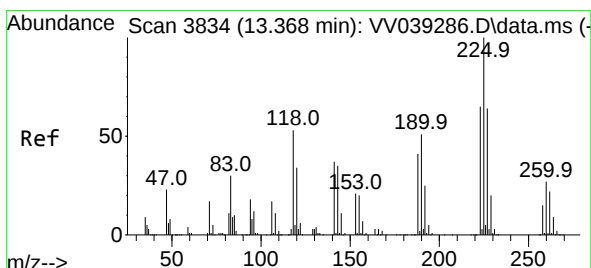
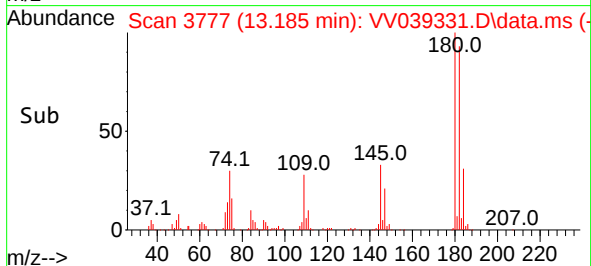
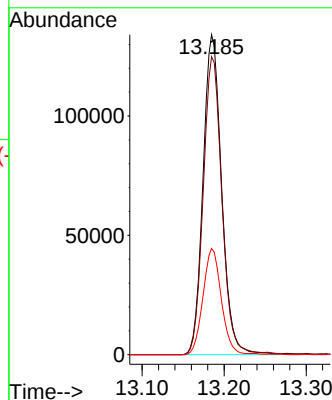
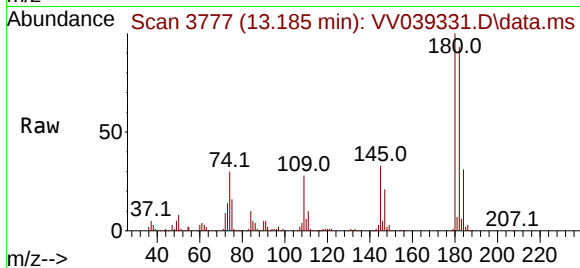
Tgt Ion:180 Resp: 211096

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.9

145 32.6 16.3 48.9



#94

Hexachlorobutadiene

Concen: 18.211 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

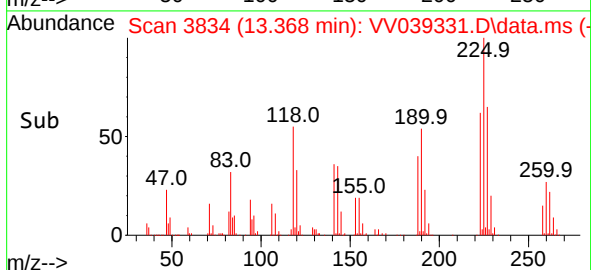
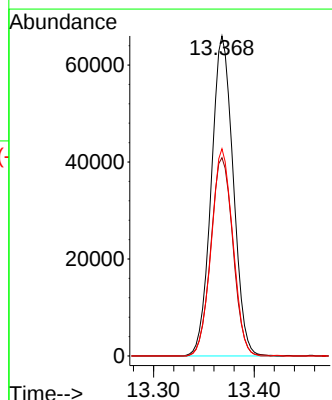
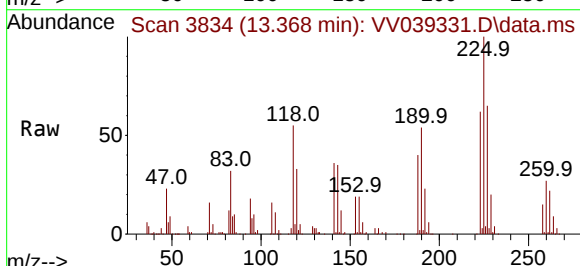
Tgt Ion:225 Resp: 100027

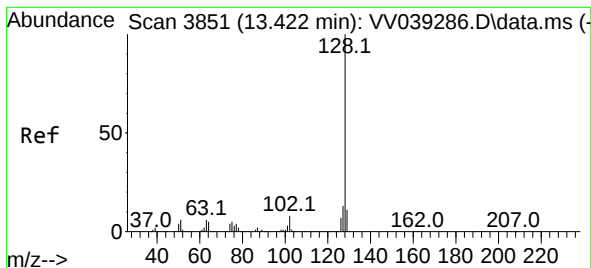
Ion Ratio Lower Upper

225 100

223 62.5 31.3 93.8

227 63.5 31.7 95.1





#95

Naphthalene

Concen: 18.493 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

VV1105WBS01

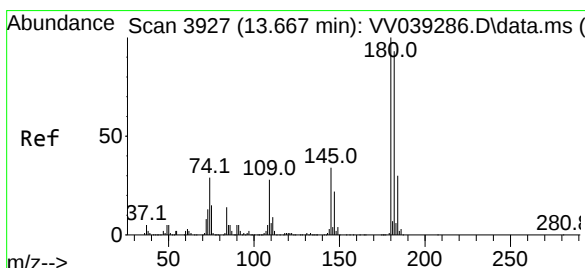
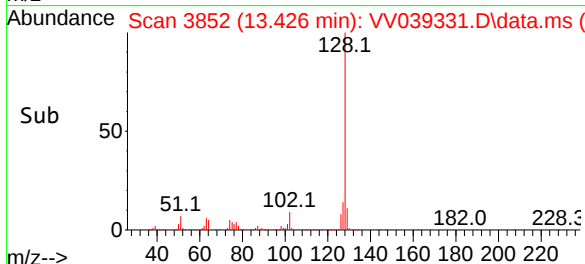
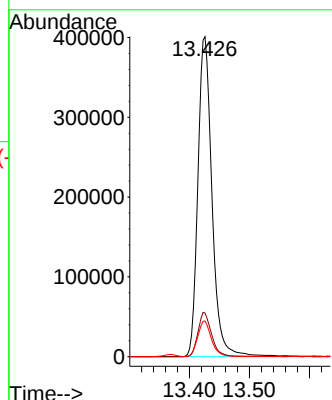
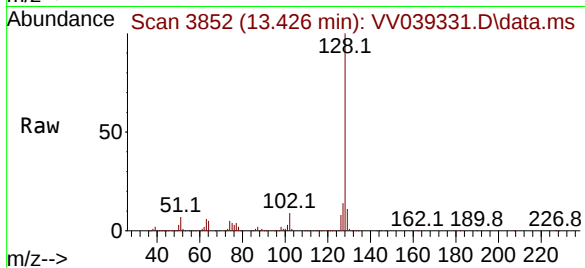
Tgt Ion:128 Resp: 657231

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.545 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039331.D

Acq: 05 Nov 2025 12:55

Tgt Ion:180 Resp: 220351

Ion Ratio Lower Upper

180 100

182 93.8 46.7 140.1

145 34.8 17.2 51.5

