

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
 Data File : VV039294.D
 Acq On : 21 Oct 2025 10:19
 Operator : SY/MD
 Sample : VV1021WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1021WBS01

Quant Time: Oct 24 04:37:48 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	4.600	168	618400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	944374	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	931152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	566393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	463825	52.785	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 105.560%	
35) Dibromofluoromethane	4.500	113	422487	56.778	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 113.560%	
50) Toluene-d8	7.236	98	1427368	56.387	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 112.780%#	
62) 4-Bromofluorobenzene	9.998	95	541163	60.027	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 120.060%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	160798	20.573	ug/l	100
3) Chloromethane	1.230	50	158264	19.449	ug/l	100
4) Vinyl Chloride	1.298	62	175536	18.908	ug/l	98
5) Bromomethane	1.497	94	124375	20.648	ug/l	100
6) Chloroethane	1.561	64	117356	21.620	ug/l	97
7) Trichlorofluoromethane	1.728	101	281555	19.852	ug/l	100
8) Diethyl Ether	1.918	74	96583	18.845	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	173299	20.407	ug/l	99
10) Methyl Iodide	2.198	142	157005	21.458	ug/l	99
11) Tert butyl alcohol	2.564	59	154636	90.807	ug/l	100
12) 1,1-Dichloroethene	2.085	96	157005	18.829	ug/l	100
13) Acrolein	2.011	56	32482	26.788	ug/l	98
14) Allyl chloride	2.359	41	248093	18.769	ug/l	100
15) Acrylonitrile	2.674	53	467258	92.525	ug/l	100
16) Acetone	2.118	43	460243	106.824	ug/l	99
17) Carbon Disulfide	2.256	76	427029	18.131	ug/l	99
18) Methyl Acetate	2.381	43	270895	23.791	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	488377	19.459	ug/l	97
20) Methylene Chloride	2.458	84	182319	22.144	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	166670	18.984	ug/l	97
22) Diisopropyl ether	3.217	45	473116	19.936	ug/l	92
23) Vinyl Acetate	3.191	43	1927124	92.497	ug/l	99
24) 1,1-Dichloroethane	3.121	63	309775	19.484	ug/l	98
25) 2-Butanone	3.867	43	525577	97.803	ug/l	99
26) 2,2-Dichloropropane	3.812	77	255123	19.922	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	174328	19.831	ug/l	99
28) Bromochloromethane	4.146	49	139121	20.524	ug/l	100
29) Tetrahydrofuran	4.240	42	322211	93.776	ug/l	99
30) Chloroform	4.281	83	320314	19.756	ug/l	98
31) Cyclohexane	4.584	56	222554	19.218	ug/l	94
32) 1,1,1-Trichloroethane	4.513	97	284488	20.068	ug/l	99
36) 1,1-Dichloropropene	4.748	75	187920	20.107	ug/l	99
37) Ethyl Acetate	3.979	43	198292	18.123	ug/l	# 92
38) Carbon Tetrachloride	4.735	117	242611	21.307	ug/l	99
39) Methylcyclohexane	6.047	83	214116	20.046	ug/l	98
40) Benzene	5.011	78	627519	20.925	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	81621	18.543	ug/l	93
42) 1,2-Dichloroethane	5.040	62	215234	20.449	ug/l	100
43) Isopropyl Acetate	5.195	43	284933	19.891	ug/l	98
44) Trichloroethene	5.834	130	155769	20.655	ug/l	100
45) 1,2-Dichloropropane	6.092	63	161974	22.196	ug/l	96
46) Dibromomethane	6.227	93	123867	20.307	ug/l	98
47) Bromodichloromethane	6.429	83	249306	20.744	ug/l	99
48) Methyl methacrylate	6.301	41	128698	19.394	ug/l	99
49) 1,4-Dioxane	6.294	88	45045	408.040	ug/l	98
51) 4-Methyl-2-Pentanone	7.149	43	1071096	107.778	ug/l	98
52) Toluene	7.310	92	402911	22.251	ug/l	99
53) t-1,3-Dichloropropene	7.577	75	221242	21.063	ug/l	98
54) cis-1,3-Dichloropropene	6.950	75	249505	21.366	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	176009	21.527	ug/l	98
56) Ethyl methacrylate	7.715	69	189344	20.440	ug/l	99
57) 1,3-Dichloropropane	7.934	76	263789	21.380	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.812	63	602035	112.231	ug/l	100
59) 2-Hexanone	8.066	43	790155	108.301	ug/l	97
60) Dibromochloromethane	8.166	129	203919	21.330	ug/l	99
61) 1,2-Dibromoethane	8.275	107	180277	21.175	ug/l	100
64) Tetrachloroethene	7.899	164	141333	20.808	ug/l	97
65) Chlorobenzene	8.805	112	461773	20.948	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.899	131	168738	20.436	ug/l	99
67) Ethyl Benzene	8.937	91	669967	20.633	ug/l	100
68) m/p-Xylenes	9.063	106	568387	44.135	ug/l	99
69) o-Xylene	9.468	106	239357	21.046	ug/l	99
70) Styrene	9.487	104	449454	22.210	ug/l	99
71) Bromoform	9.654	173	141732	21.226	ug/l #	96
73) Isopropylbenzene	9.857	105	683745	19.880	ug/l	100
74) N-amyl acetate	9.725	43	242661	17.122	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	283231	17.932	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	200903	17.772	ug/l	97
77) Bromobenzene	10.140	156	186750	19.751	ug/l	98
78) n-propylbenzene	10.278	91	837782	20.075	ug/l	100
79) 2-Chlorotoluene	10.349	91	519265	20.153	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	604901	20.970	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.928	75	84780	18.940	ug/l	98
82) 4-Chlorotoluene	10.464	91	621142	20.973	ug/l	99
83) tert-Butylbenzene	10.789	119	556158	19.417	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	582302	20.506	ug/l	99
85) sec-Butylbenzene	11.011	105	728693	20.121	ug/l	100
86) p-Isopropyltoluene	11.165	119	626817	20.131	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	378859	20.089	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	400476	18.975	ug/l	98
89) n-Butylbenzene	11.580	91	565858	19.514	ug/l	98
90) Hexachloroethane	11.818	117	142743	18.540	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	343382	19.141	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	55854	17.198	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	192533	19.243	ug/l	99
94) Hexachlorobutadiene	13.368	225	96707	19.088	ug/l	98
95) Naphthalene	13.426	128	583507	17.800	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	204790	19.693	ug/l	99

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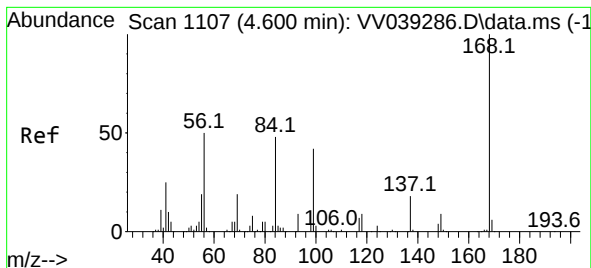
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QLast Update : Wed Oct 08 05:01:26 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration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

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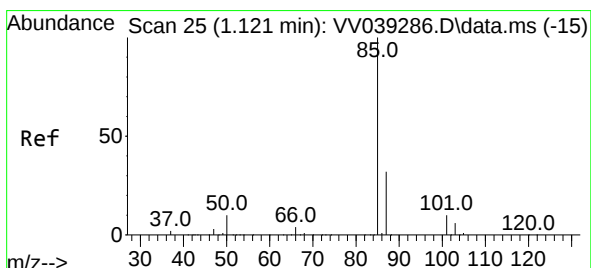
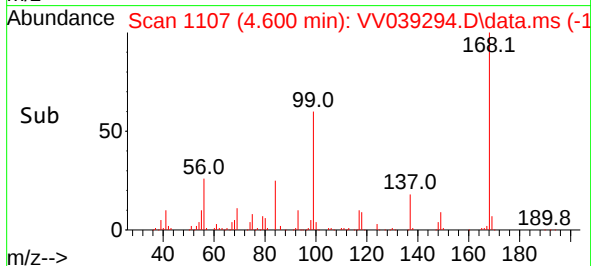
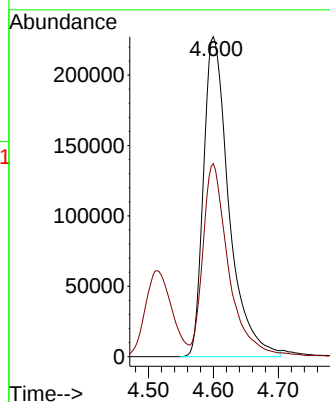
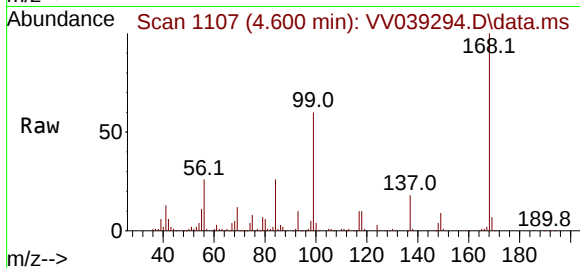




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039294.D
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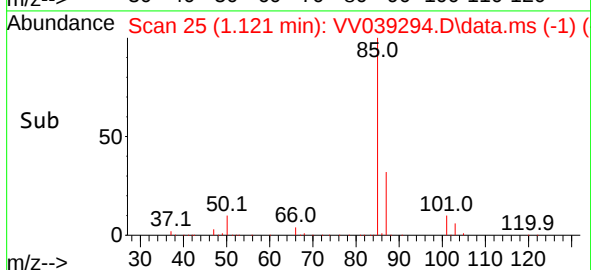
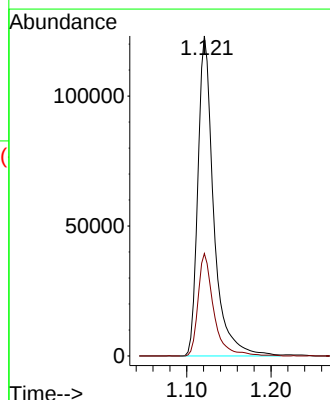
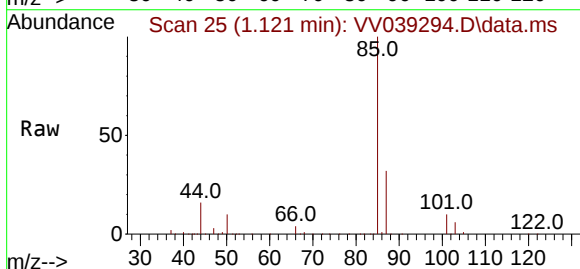
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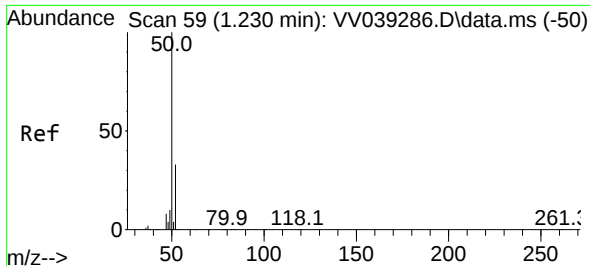
Tgt Ion:168 Resp: 618400
Ion Ratio Lower Upper
168 100
99 59.1 46.6 70.0



#2
Dichlorodifluoromethane
Concen: 20.573 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 85 Resp: 160798
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2

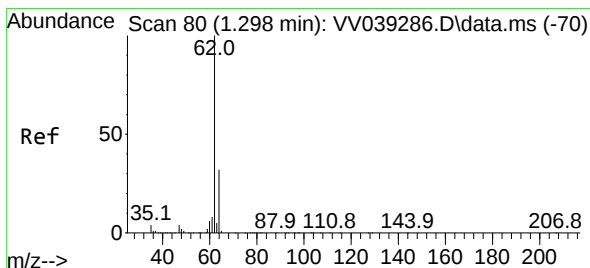
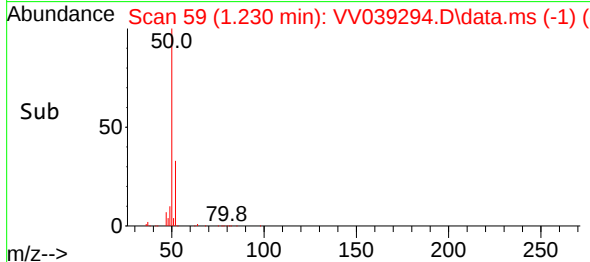
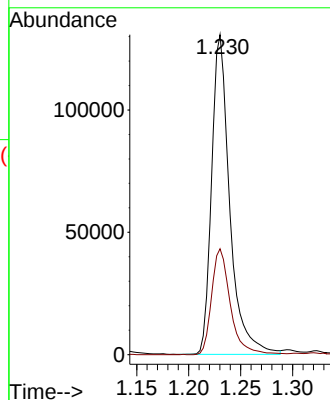
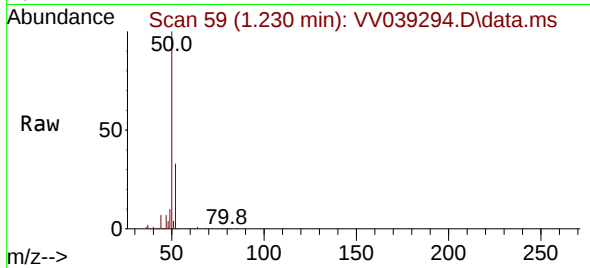




#3
Chloromethane
Concen: 19.449 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039294.D
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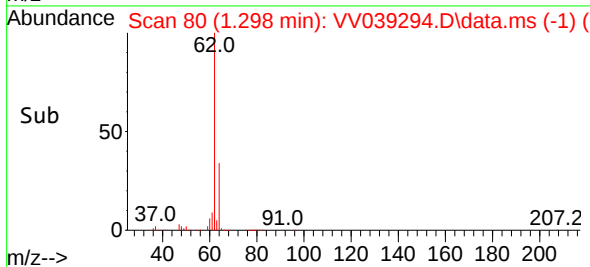
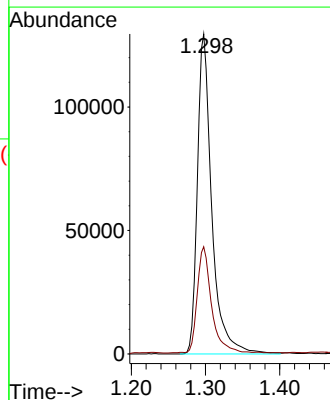
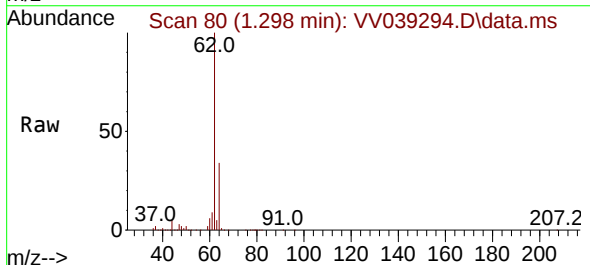
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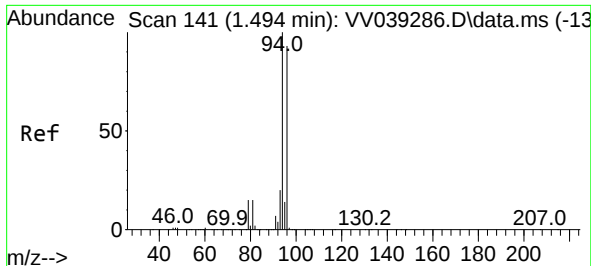
Tgt Ion: 50 Resp: 158264
Ion Ratio Lower Upper
50 100
52 33.1 26.6 39.8



#4
Vinyl Chloride
Concen: 18.908 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 62 Resp: 175536
Ion Ratio Lower Upper
62 100
64 33.1 25.8 38.6

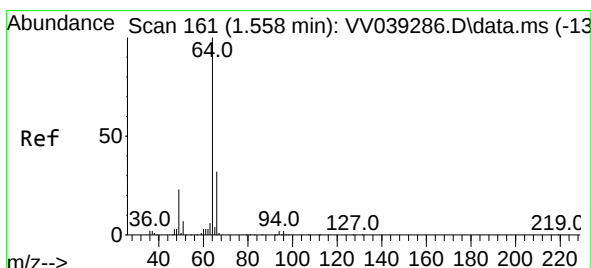
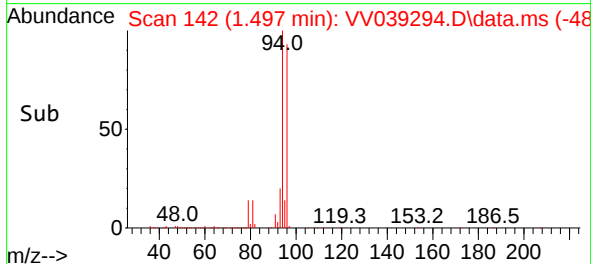
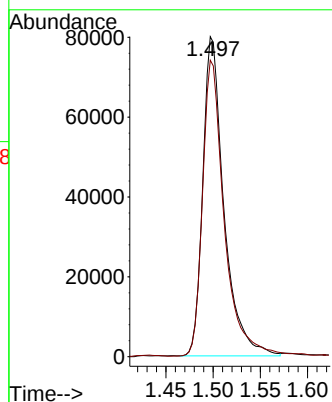
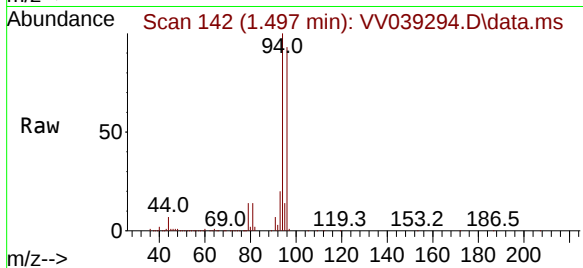




#5
Bromomethane
Concen: 20.648 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

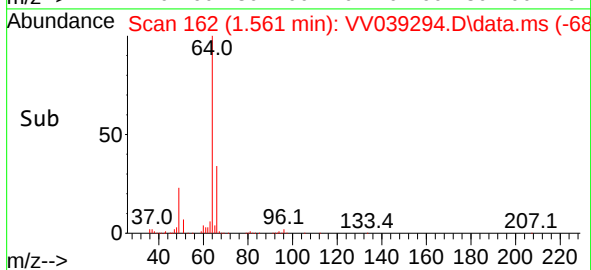
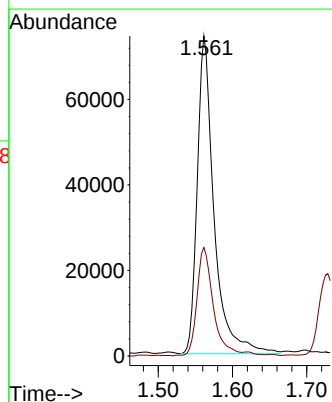
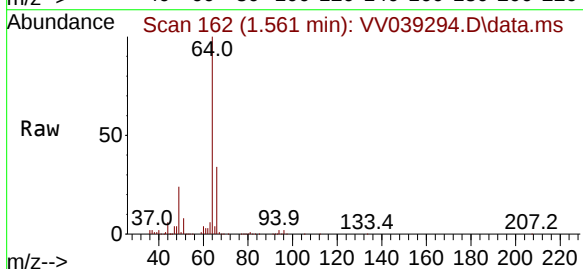
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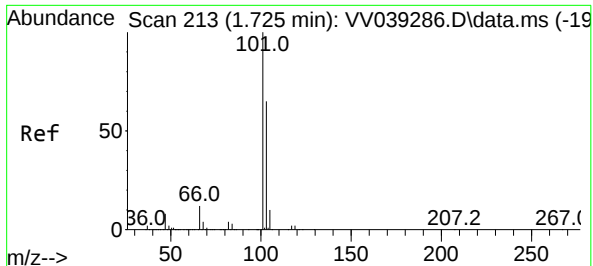
Tgt Ion: 94 Resp: 124375
Ion Ratio Lower Upper
94 100
96 92.6 74.2 111.2



#6
Chloroethane
Concen: 21.620 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 64 Resp: 117356
Ion Ratio Lower Upper
64 100
66 34.0 25.7 38.5

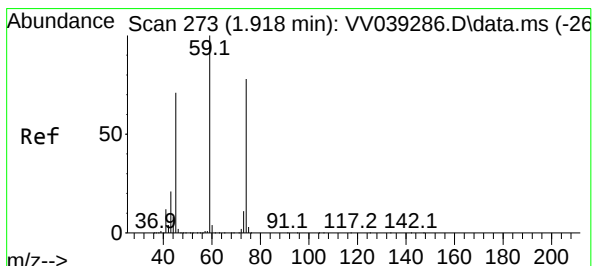
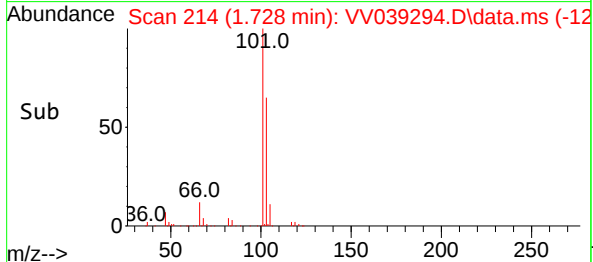
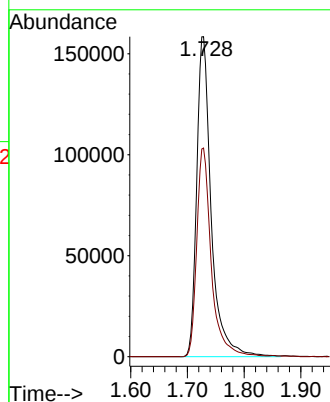
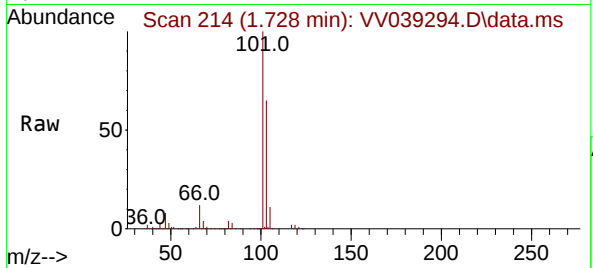




#7
Trichlorofluoromethane
Concen: 19.852 ug/l
RT: 1.728 min Scan# 213
Delta R.T. 0.003 min
Lab File: VV039294.D
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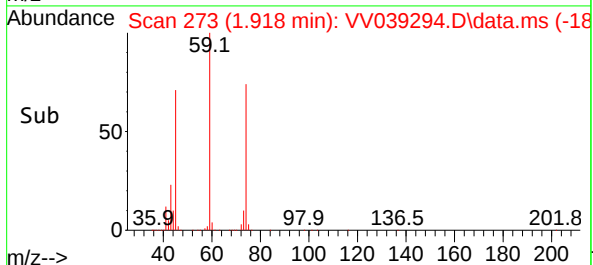
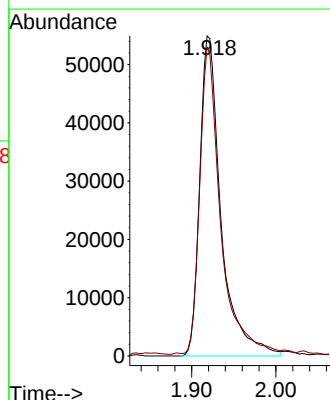
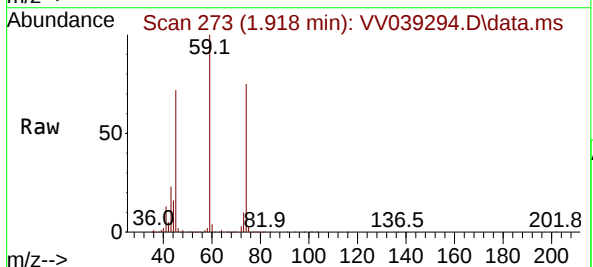
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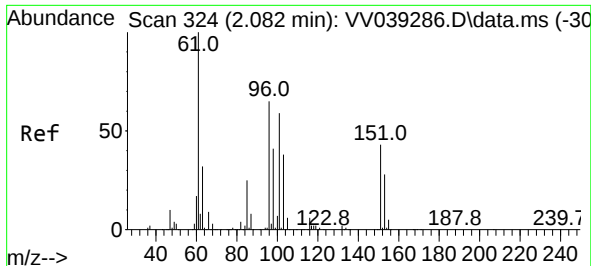
Tgt Ion:101 Resp: 281555
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0



#8
Diethyl Ether
Concen: 18.845 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 96583
Ion Ratio Lower Upper
74 100
45 92.9 45.9 137.7

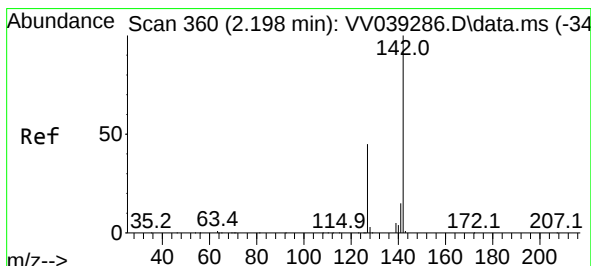
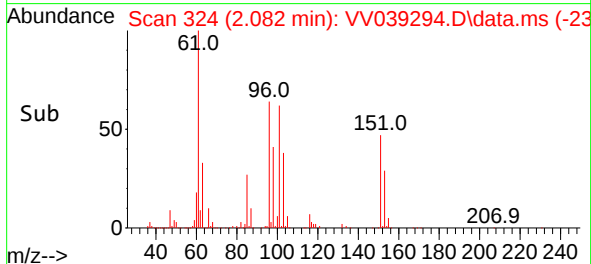
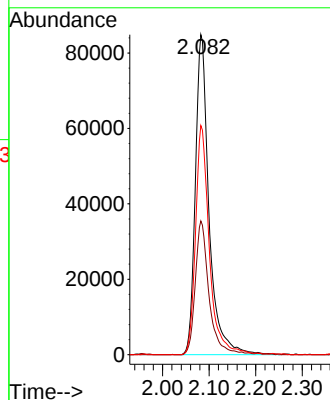
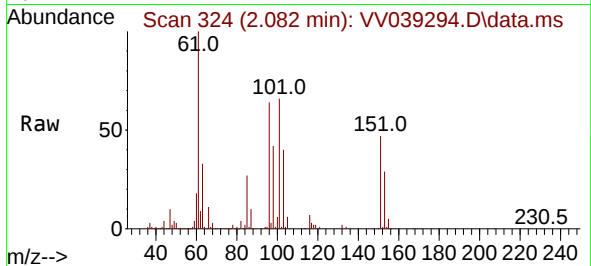




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.407 ug/l
 RT: 2.082 min Scan# 31
 Delta R.T. 0.000 min
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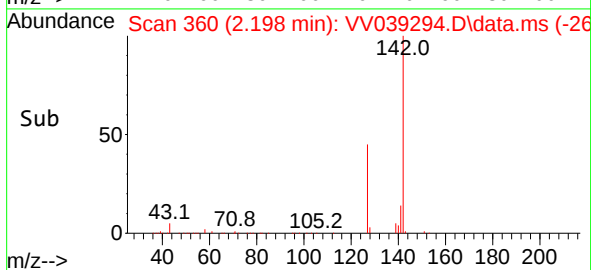
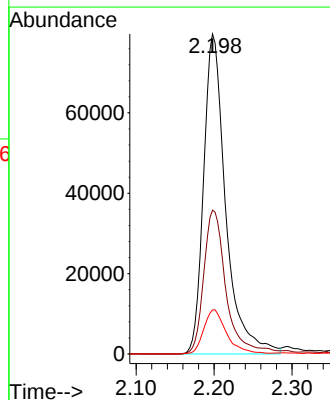
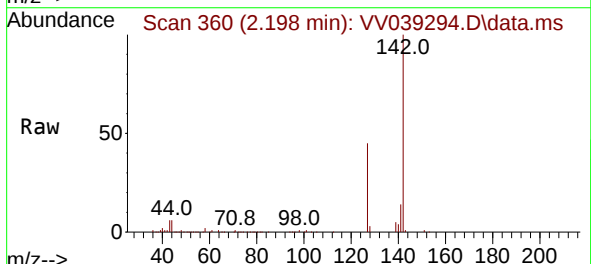
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1021WBS01

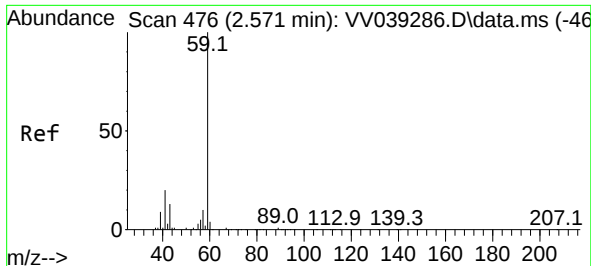
Tgt Ion:101 Resp: 173299
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.0 51.0
 151 72.6 58.5 87.7



#10
 Methyl Iodide
 Concen: 21.458 ug/l
 RT: 2.198 min Scan# 360
 Delta R.T. 0.000 min
 Lab File: VV039294.D
 Acq: 21 Oct 2025 10:19

Tgt Ion:142 Resp: 157005
 Ion Ratio Lower Upper
 142 100
 127 45.5 35.5 53.3
 141 14.3 11.5 17.3

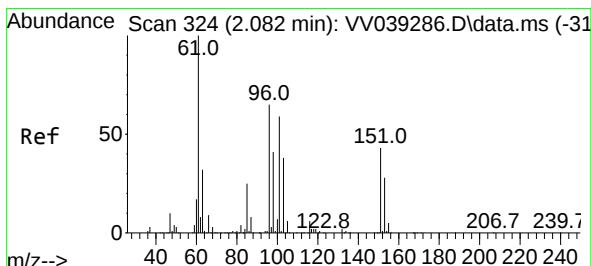
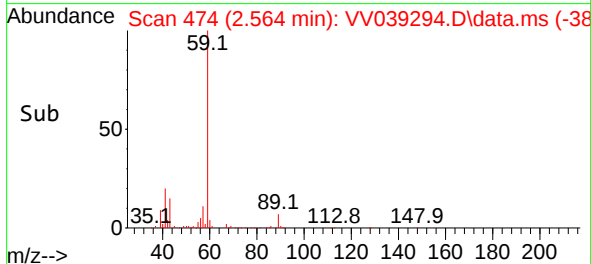
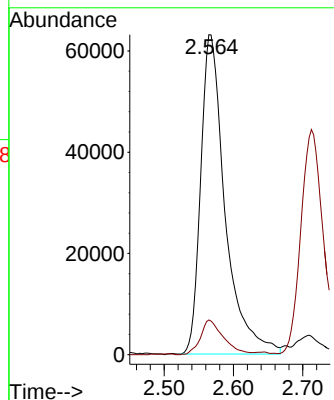
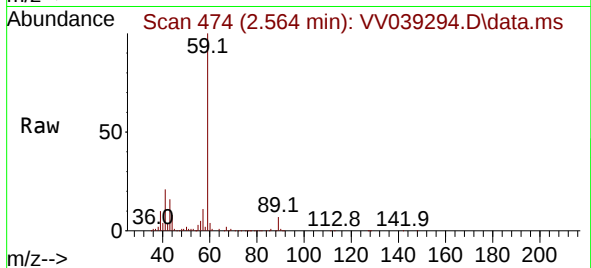




#11
Tert butyl alcohol
Concen: 90.807 ug/l
RT: 2.564 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

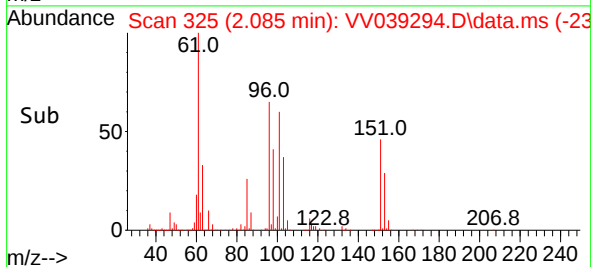
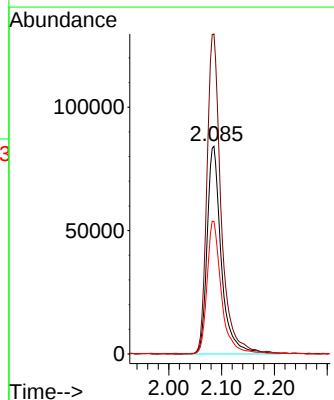
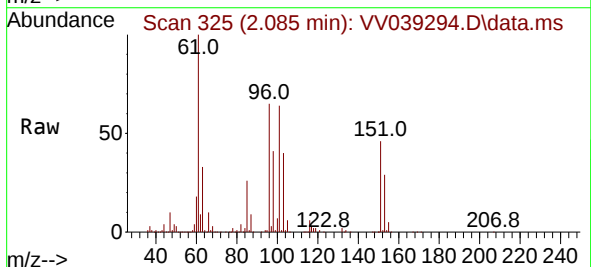
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

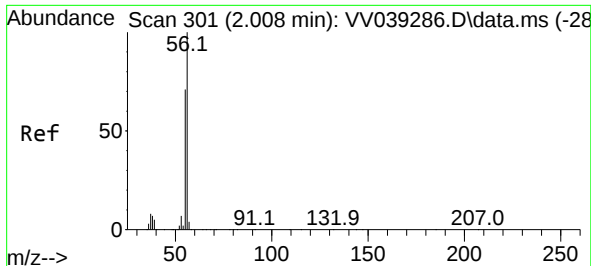
Tgt Ion: 59 Resp: 154636
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 18.829 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 96 Resp: 157005
Ion Ratio Lower Upper
96 100
61 154.1 123.6 185.4
98 63.7 51.1 76.7

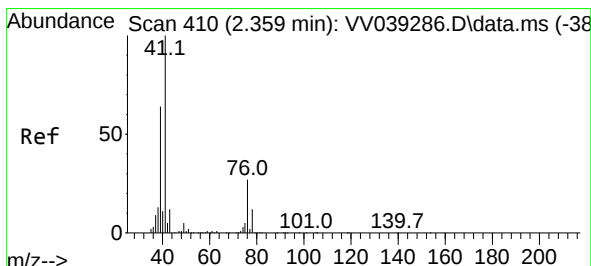
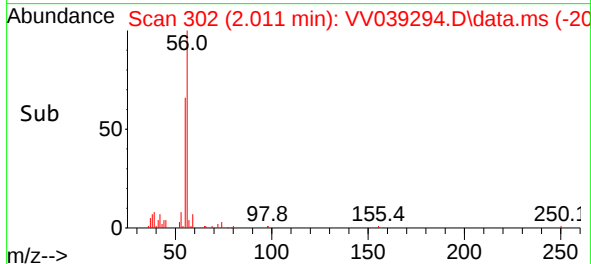
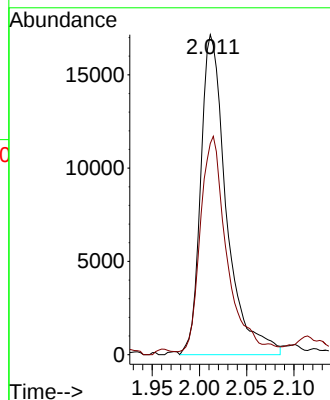
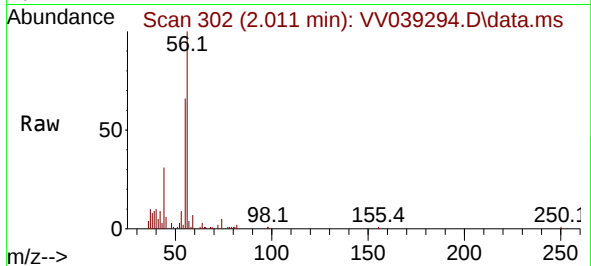




#13
Acrolein
Concen: 26.788 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

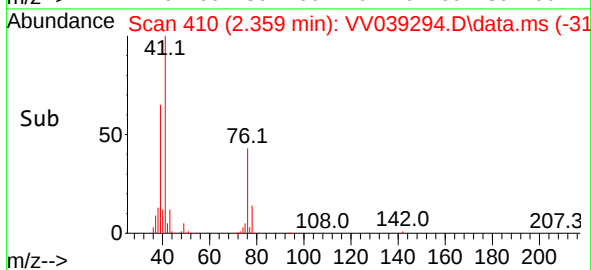
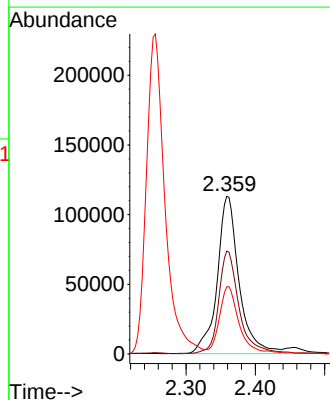
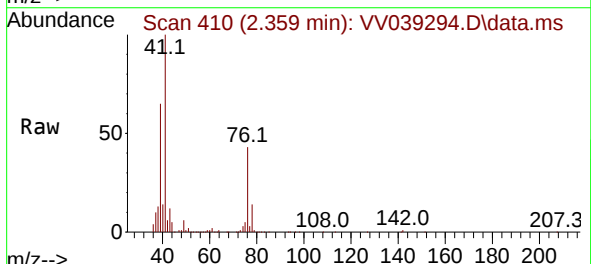
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

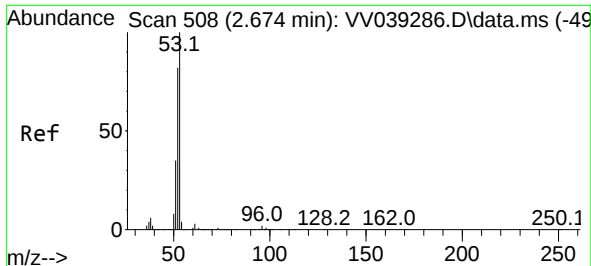
Tgt Ion: 56 Resp: 32482
Ion Ratio Lower Upper
56 100
55 68.9 56.2 84.4



#14
Allyl chloride
Concen: 18.769 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 41 Resp: 248093
Ion Ratio Lower Upper
41 100
39 59.9 47.8 71.6
76 37.3 30.2 45.2

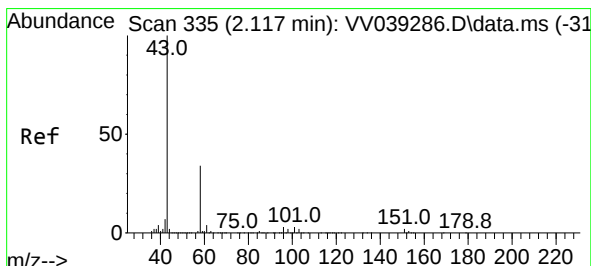
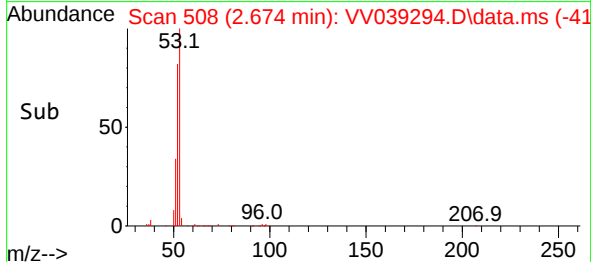
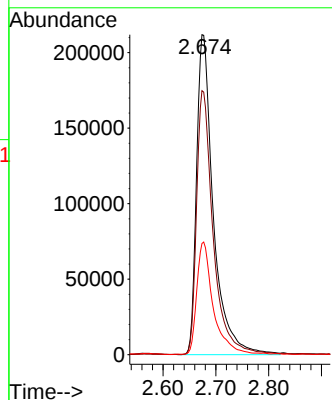
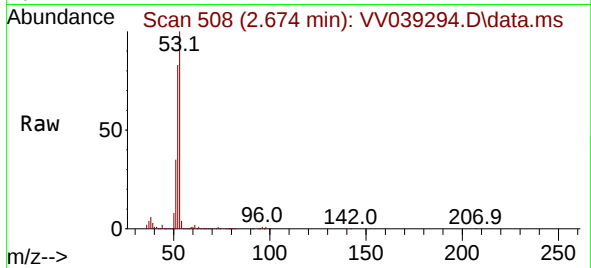




#15
Acrylonitrile
Concen: 92.525 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

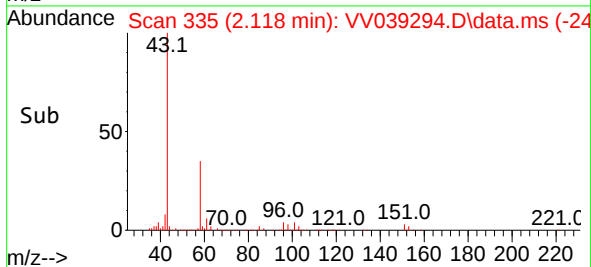
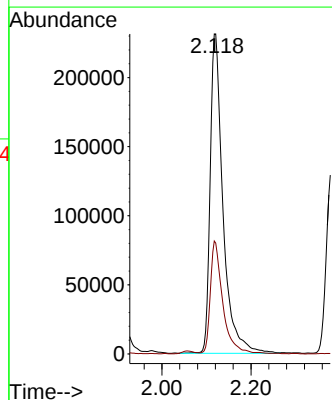
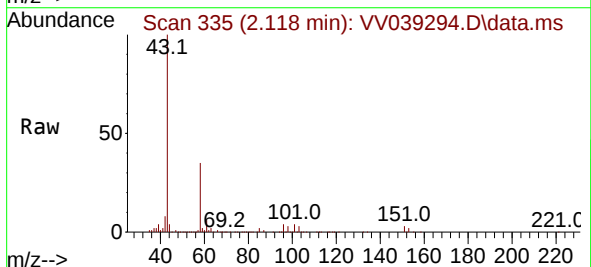
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

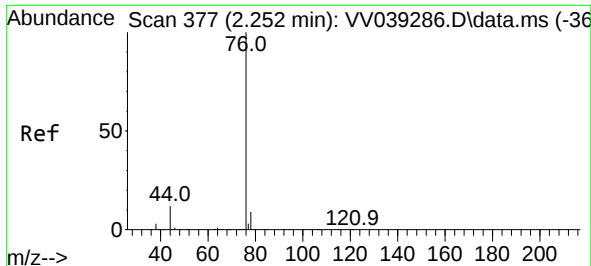
Tgt Ion: 53 Resp: 467258
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.6
51 34.3 27.9 41.9



#16
Acetone
Concen: 106.824 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 43 Resp: 460243
Ion Ratio Lower Upper
43 100
58 35.2 27.5 41.3

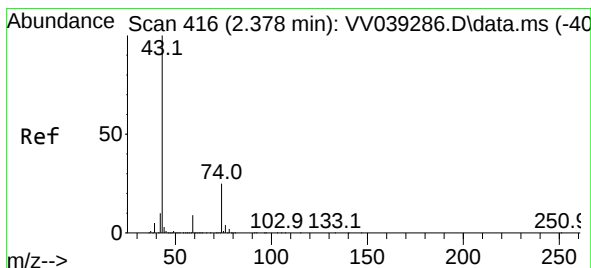
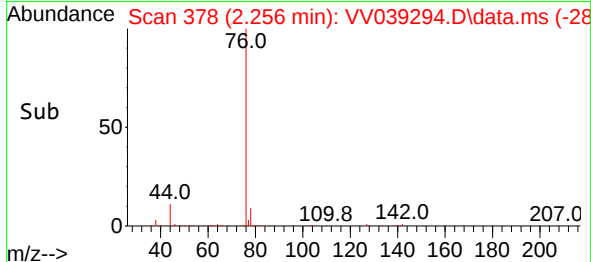
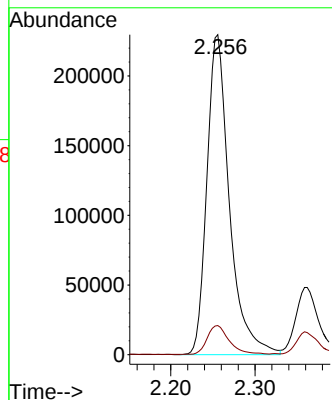
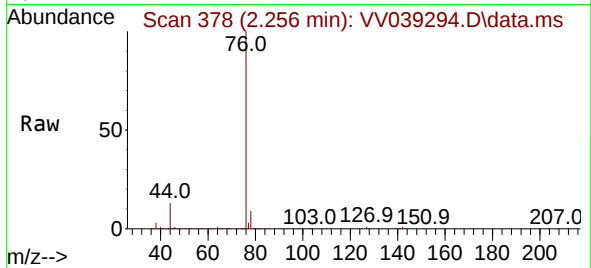




#17
Carbon Disulfide
Concen: 18.131 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

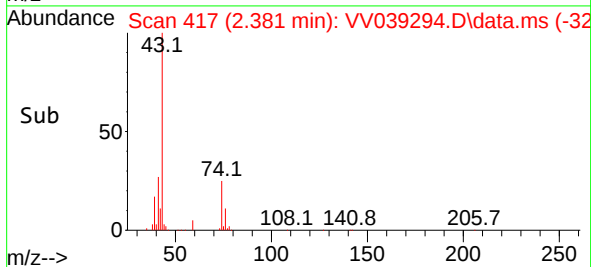
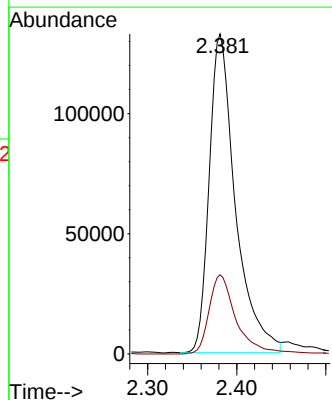
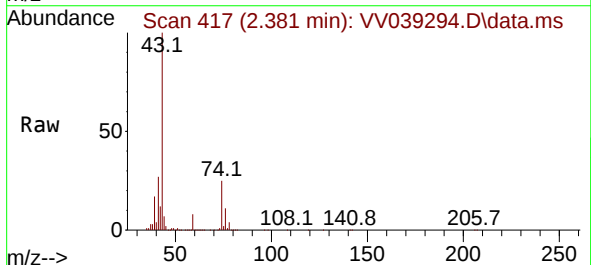
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

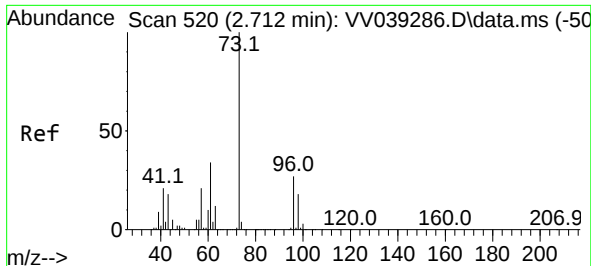
Tgt Ion: 76 Resp: 427029
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 23.791 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 43 Resp: 270895
Ion Ratio Lower Upper
43 100
74 26.0 19.5 29.3

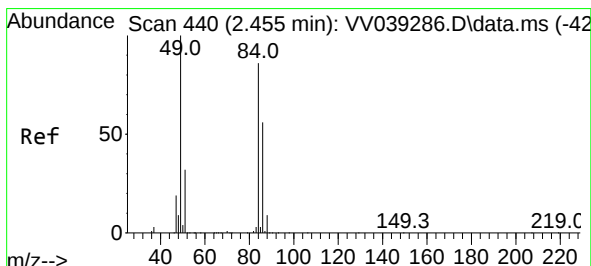
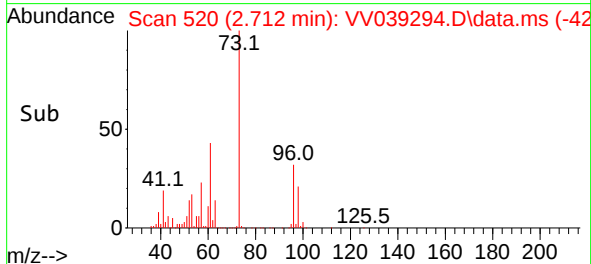
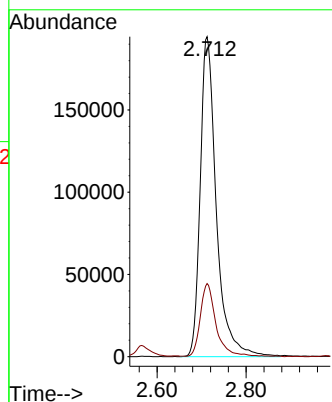
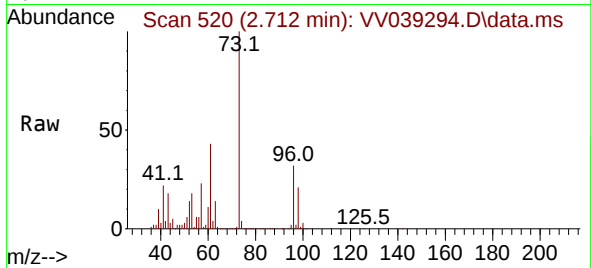




#19
Methyl tert-butyl Ether
Concen: 19.459 ug/l
RT: 2.712 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

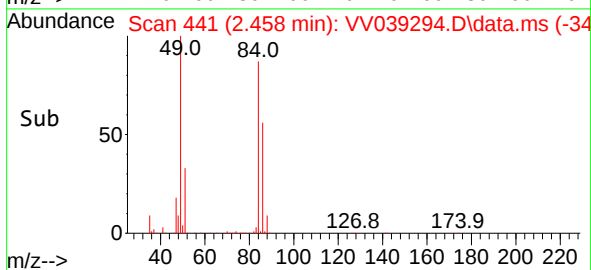
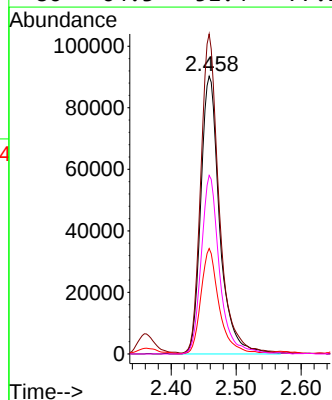
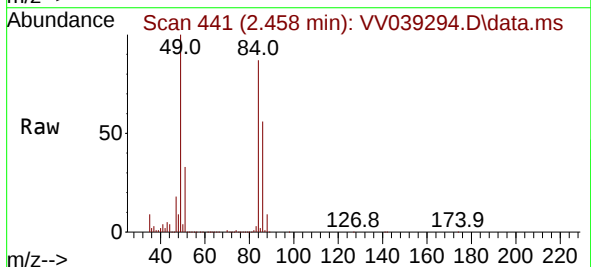
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

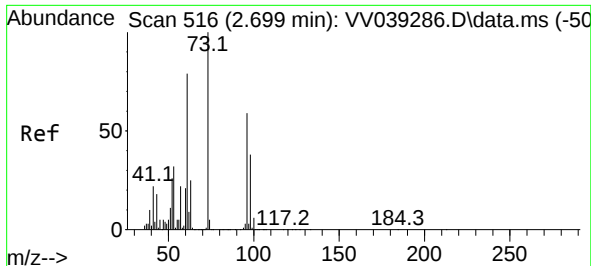
Tgt Ion: 73 Resp: 488377
Ion Ratio Lower Upper
73 100
57 22.7 17.0 25.6



#20
Methylene Chloride
Concen: 22.144 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 84 Resp: 182319
Ion Ratio Lower Upper
84 100
49 114.8 92.6 139.0
51 37.8 29.6 44.4
86 64.3 51.4 77.2

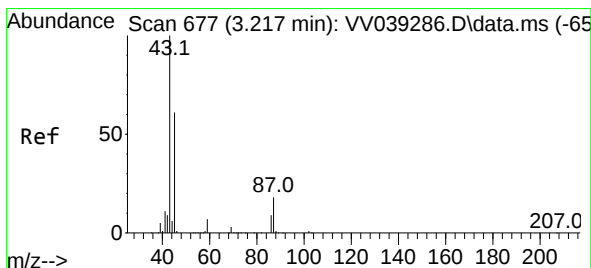
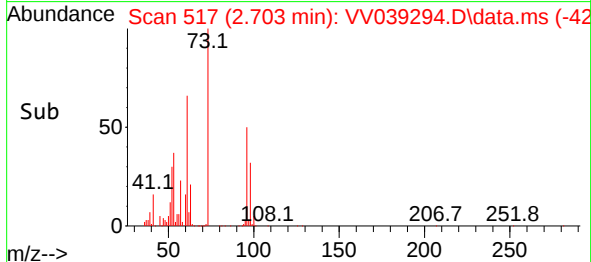
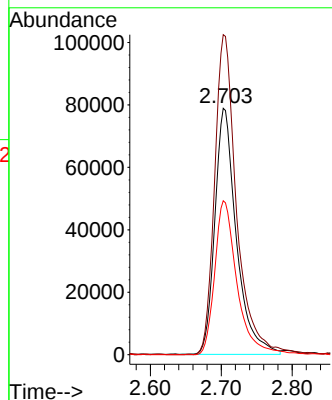
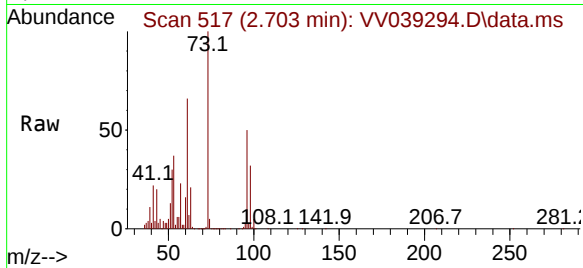




#21
trans-1,2-Dichloroethene
Concen: 18.984 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

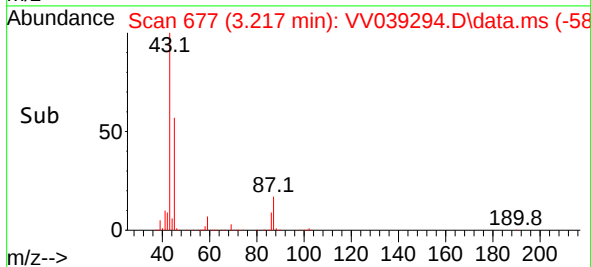
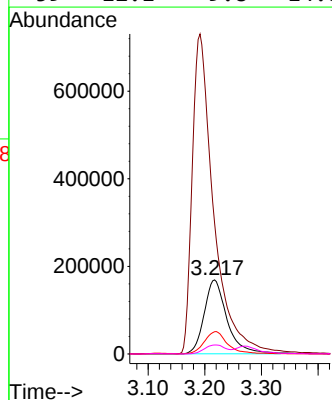
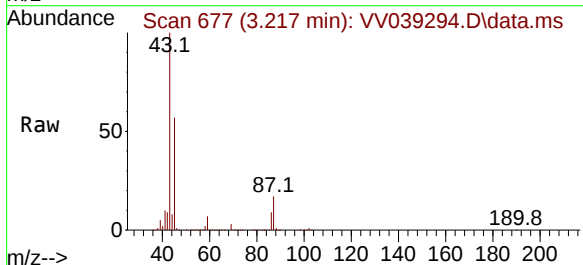
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

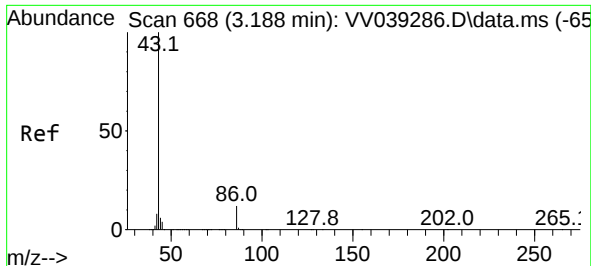
Tgt Ion: 96 Resp: 166670
Ion Ratio Lower Upper
96 100
61 130.1 106.8 160.2
98 62.6 51.1 76.7



#22
Diisopropyl ether
Concen: 19.936 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 45 Resp: 473116
Ion Ratio Lower Upper
45 100
43 176.5 130.8 196.2
87 30.0 23.8 35.8
59 12.1 9.8 14.8

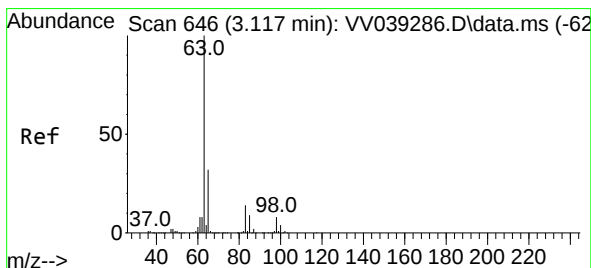
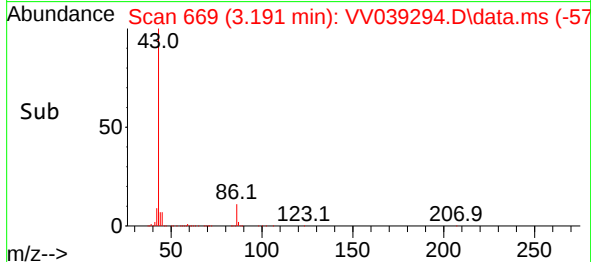
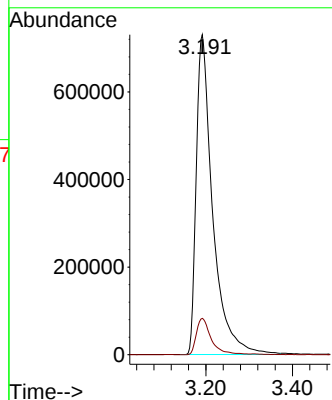
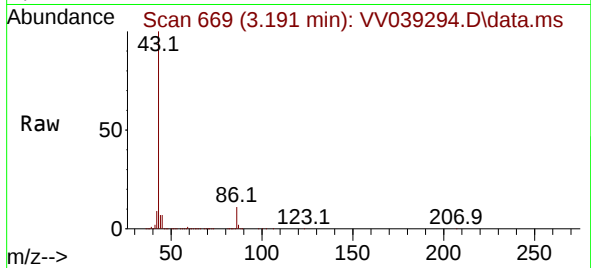




#23
 Vinyl Acetate
 Concen: 92.497 ug/l
 RT: 3.191 min Scan# 669
 Delta R.T. 0.003 min
 Lab File: VV039294.D
 Acq: 21 Oct 2025 10:19

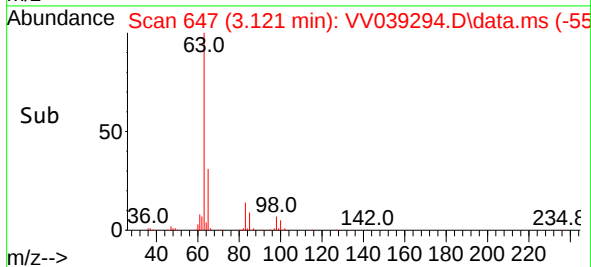
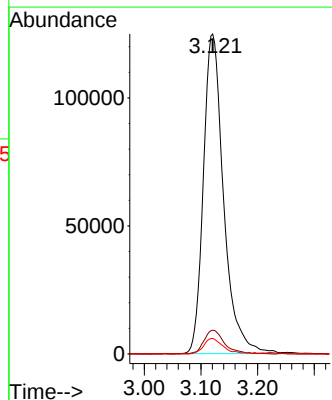
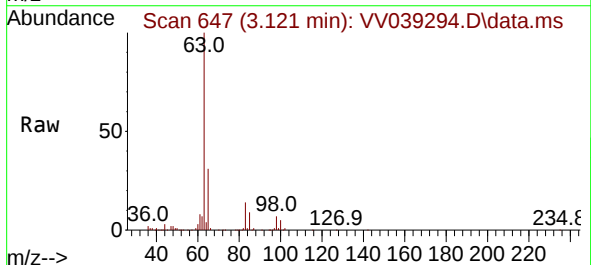
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1021WBS01

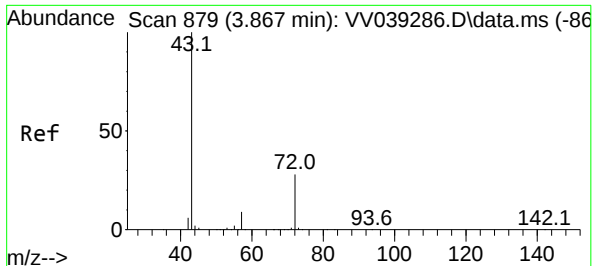
Tgt Ion: 43 Resp: 1927124
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 19.484 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV039294.D
 Acq: 21 Oct 2025 10:19

Tgt Ion: 63 Resp: 309775
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.0
 100 4.9 2.3 6.8





#25

2-Butanone

Concen: 97.803 ug/l

RT: 3.867 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

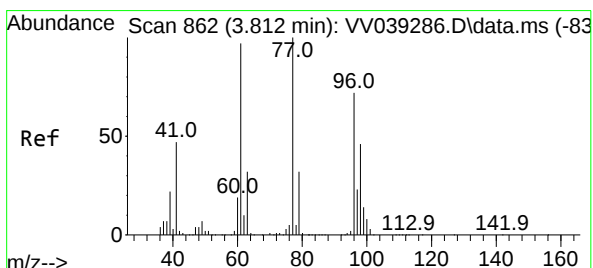
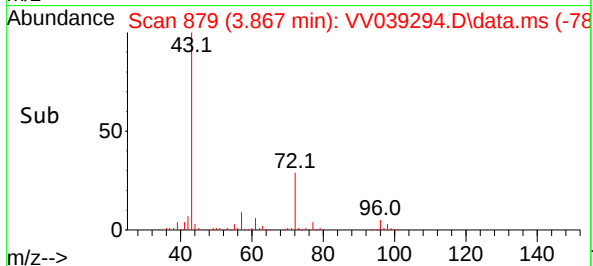
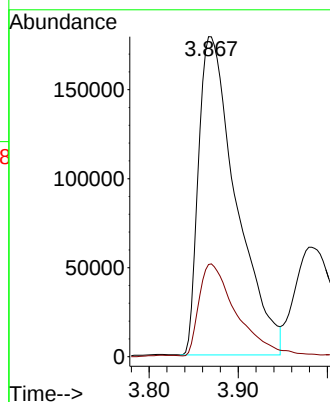
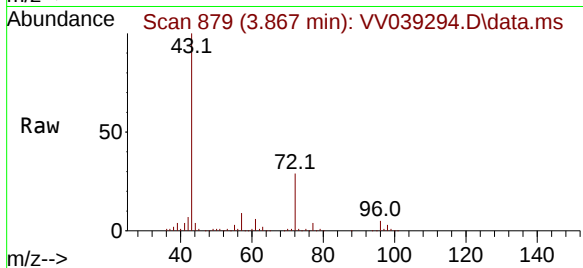
VV1021WBS01

Tgt Ion: 43 Resp: 525577

Ion Ratio Lower Upper

43 100

72 28.7 22.6 34.0



#26

2,2-Dichloropropane

Concen: 19.922 ug/l

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV039294.D

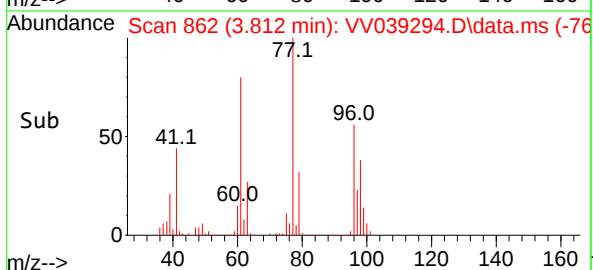
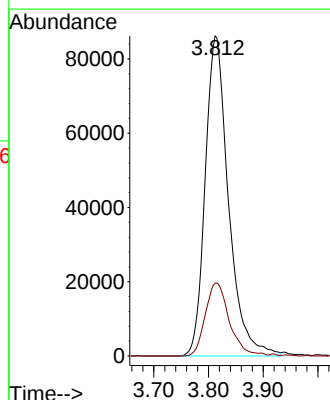
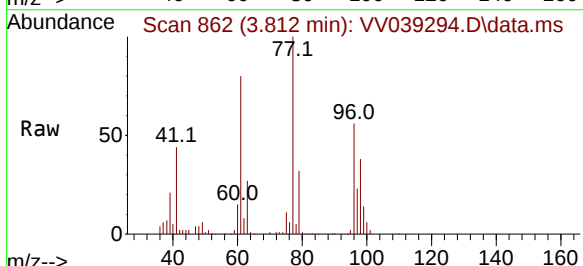
Acq: 21 Oct 2025 10:19

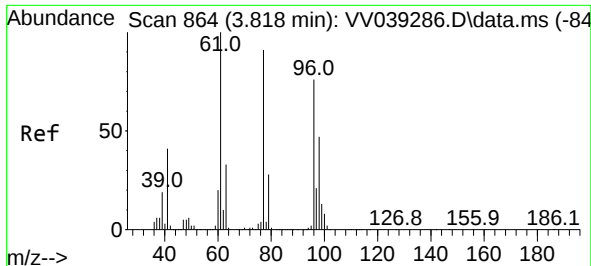
Tgt Ion: 77 Resp: 255123

Ion Ratio Lower Upper

77 100

97 23.5 11.6 34.8

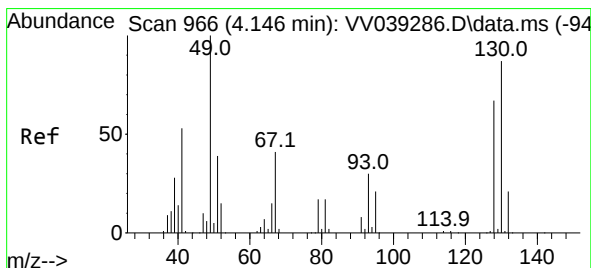
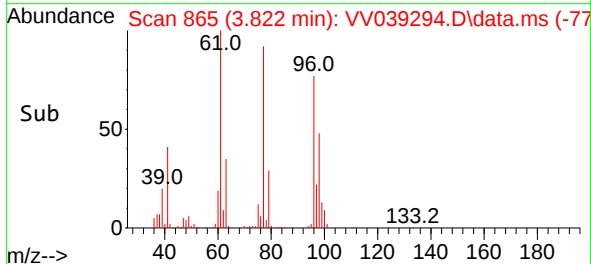
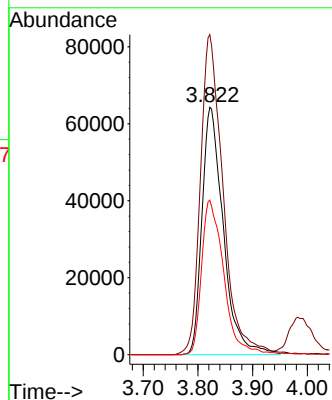
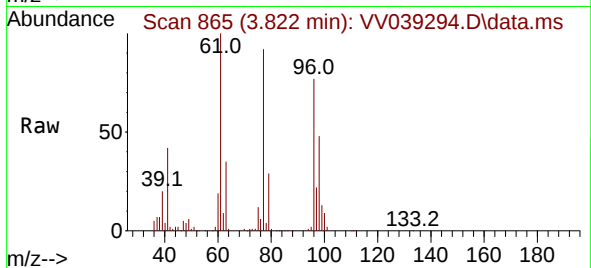




#27
 cis-1,2-Dichloroethene
 Concen: 19.831 ug/l
 RT: 3.822 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV039294.D
 Acq: 21 Oct 2025 10:19

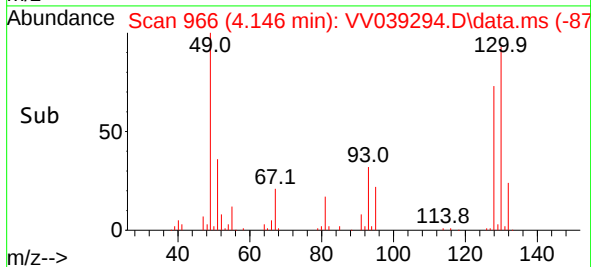
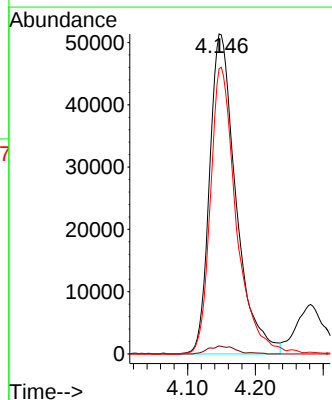
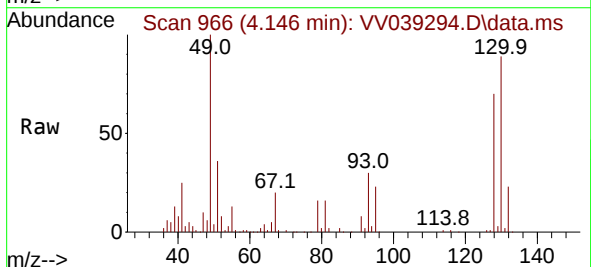
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1021WBS01

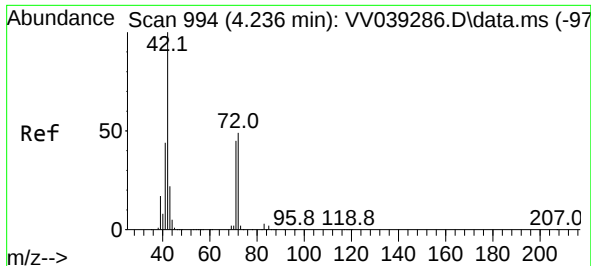
Tgt Ion: 96 Resp: 174328
 Ion Ratio Lower Upper
 96 100
 61 136.5 0.0 275.0
 98 64.5 0.0 127.8



#28
 Bromochloromethane
 Concen: 20.524 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV039294.D
 Acq: 21 Oct 2025 10:19

Tgt Ion: 49 Resp: 139121
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 87.3 69.5 104.3

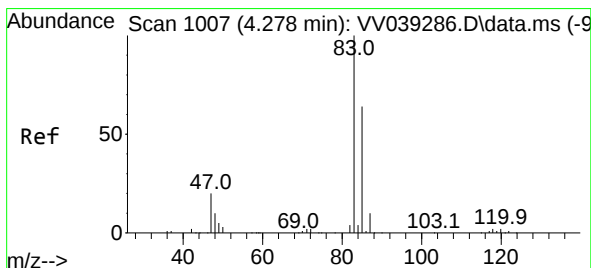
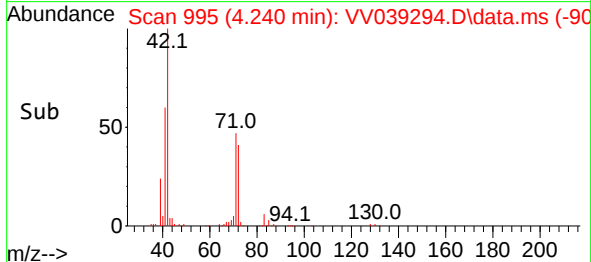
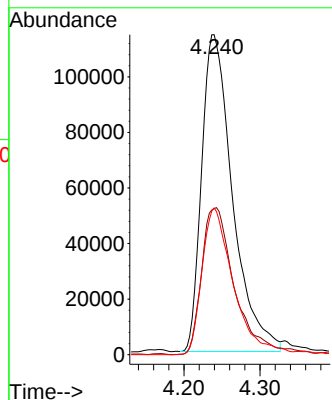
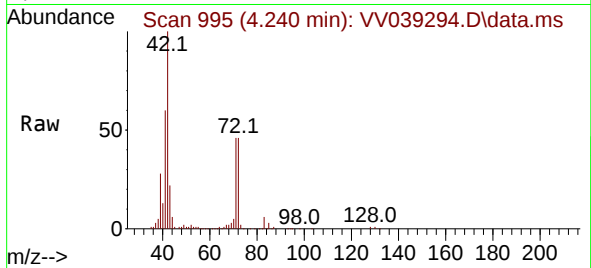




#29
Tetrahydrofuran
Concen: 93.776 ug/l
RT: 4.240 min Scan# 994
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

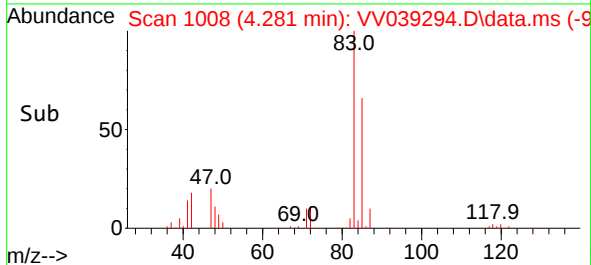
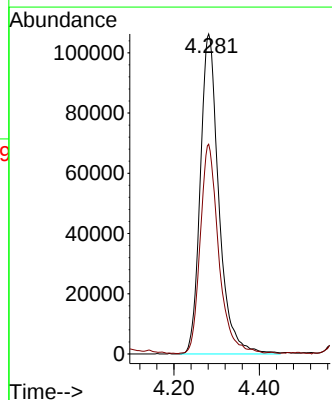
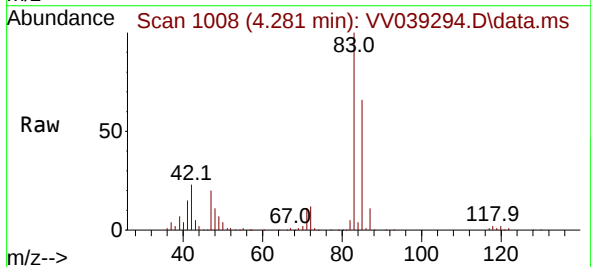
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

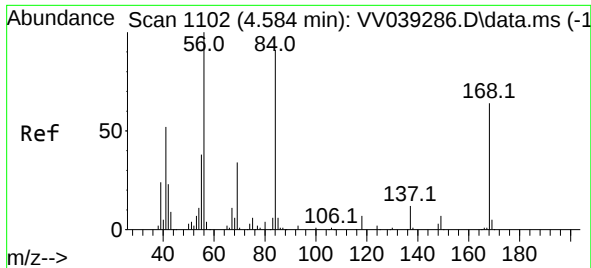
Tgt Ion: 42 Resp: 322211
Ion Ratio Lower Upper
42 100
72 50.1 39.8 59.8
71 47.0 36.5 54.7



#30
Chloroform
Concen: 19.756 ug/l
RT: 4.281 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 83 Resp: 320314
Ion Ratio Lower Upper
83 100
85 65.3 51.1 76.7

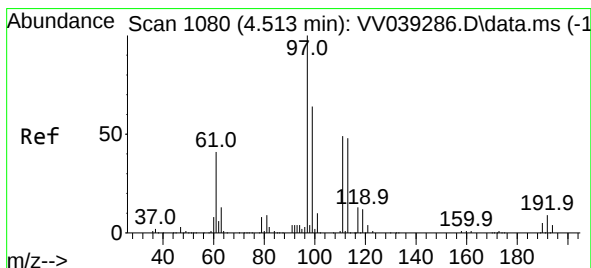
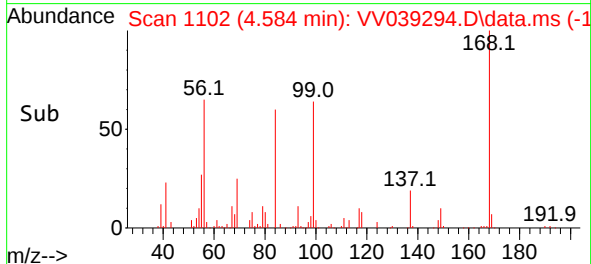
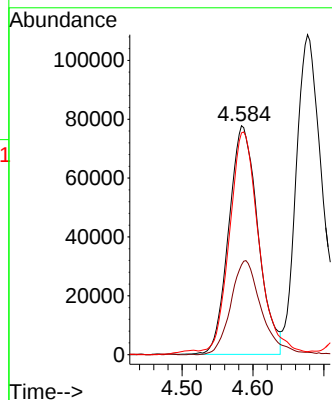
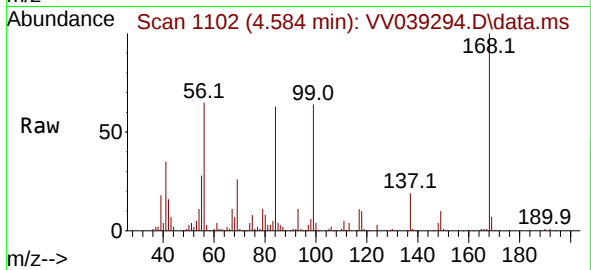




#31
Cyclohexane
Concen: 19.218 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

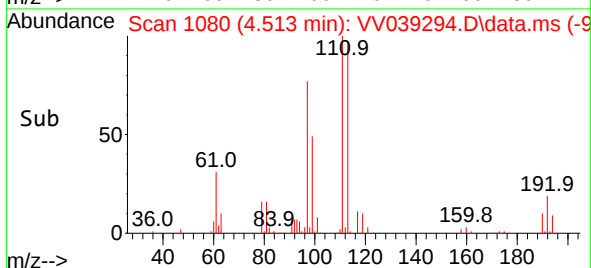
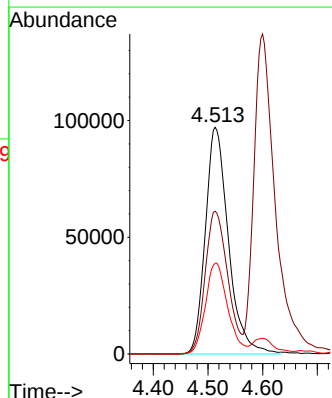
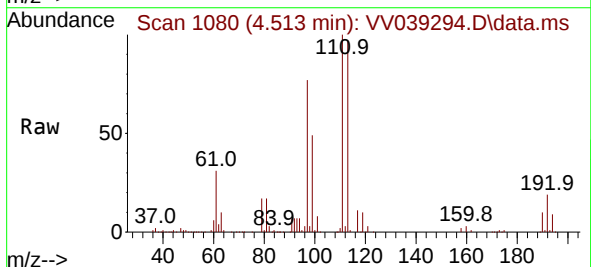
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

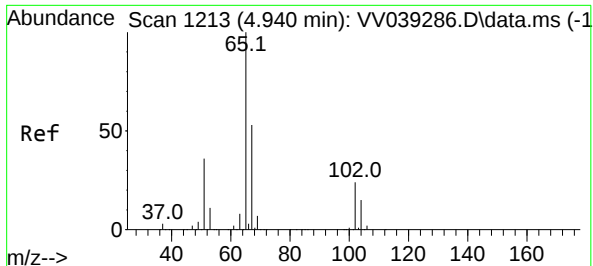
Tgt Ion: 56 Resp: 222554
Ion Ratio Lower Upper
56 100
69 39.3 27.4 41.0
84 95.8 72.8 109.2



#32
1,1,1-Trichloroethane
Concen: 20.068 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 97 Resp: 284488
Ion Ratio Lower Upper
97 100
99 61.6 48.6 72.8
61 38.7 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 52.785 ug/l

RT: 4.941 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

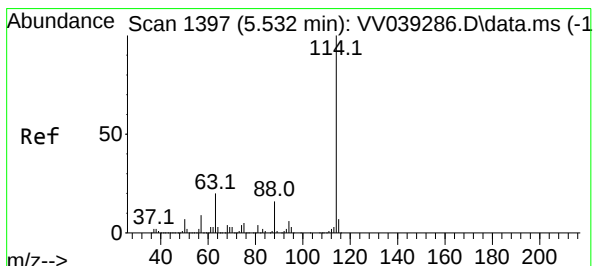
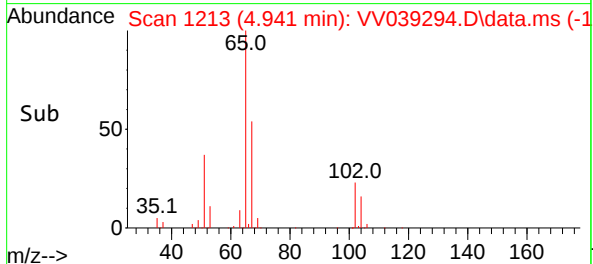
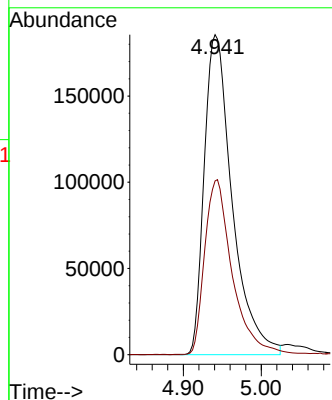
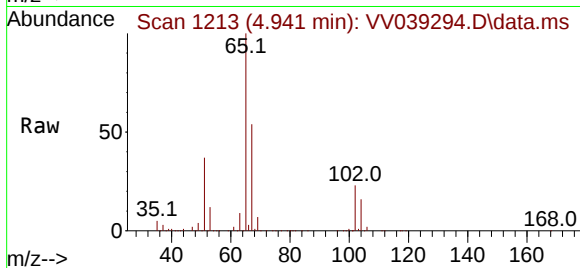
VV1021WBS01

Tgt Ion: 65 Resp: 463825

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

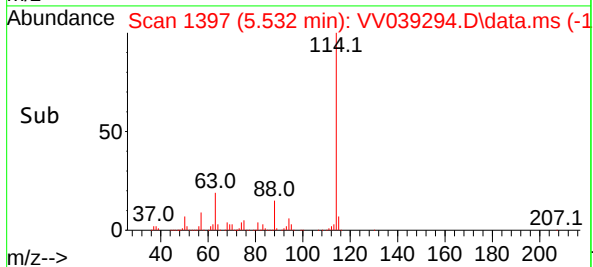
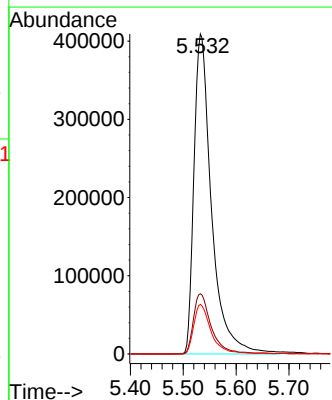
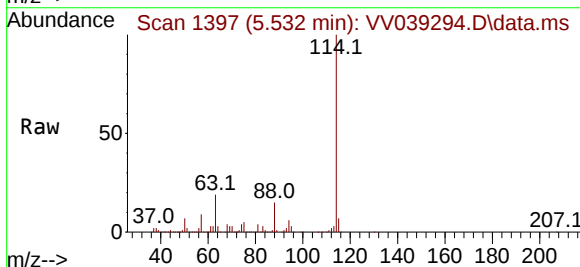
Tgt Ion: 114 Resp: 944374

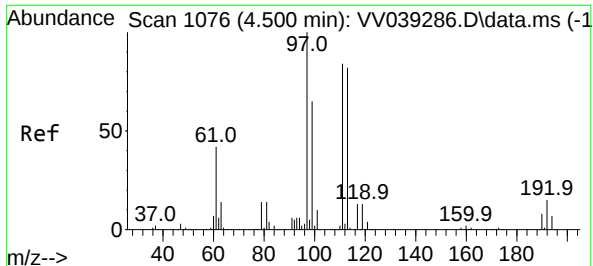
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 56.778 ug/l

RT: 4.500 min Scan# 110

Delta R.T. 0.000 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

VV1021WBS01

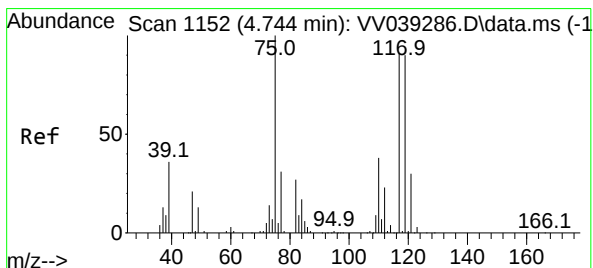
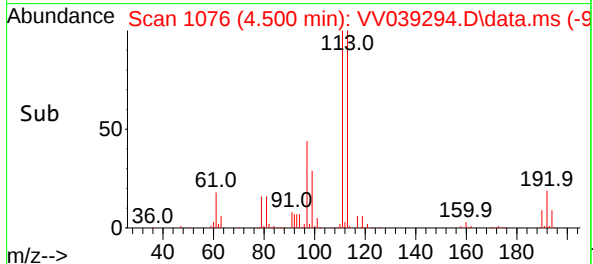
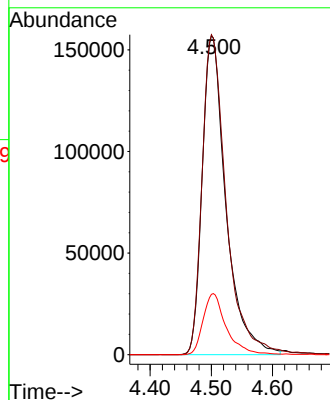
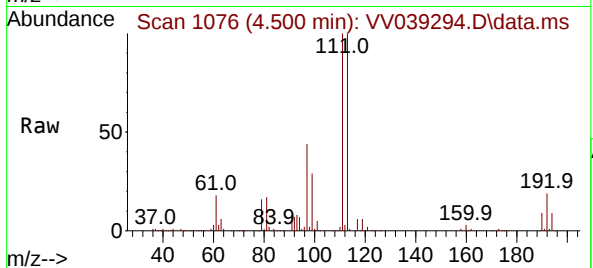
Tgt Ion:113 Resp: 422487

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

192 18.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 20.107 ug/l

RT: 4.748 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

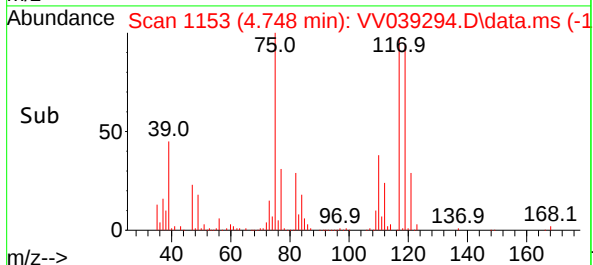
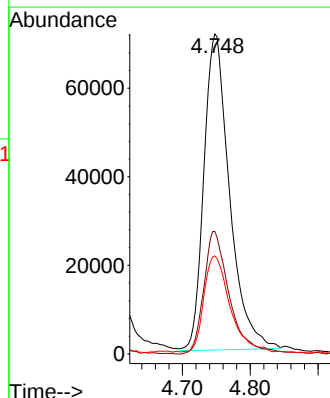
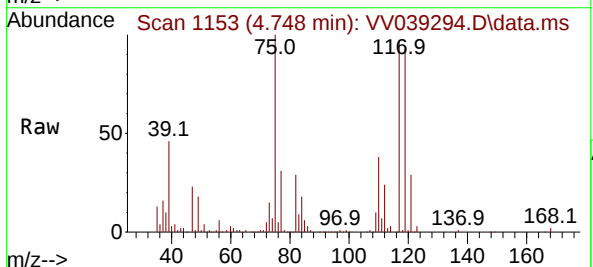
Tgt Ion: 75 Resp: 187920

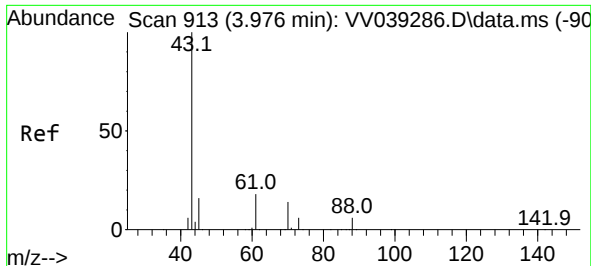
Ion Ratio Lower Upper

75 100

110 39.0 18.9 56.7

77 30.5 24.1 36.1





#37

Ethyl Acetate

Concen: 18.123 ug/l

RT: 3.979 min Scan# 913

Delta R.T. 0.003 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

VV1021WBS01

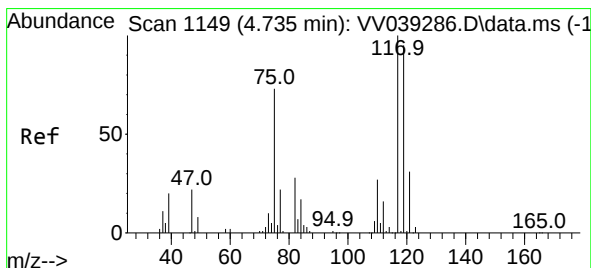
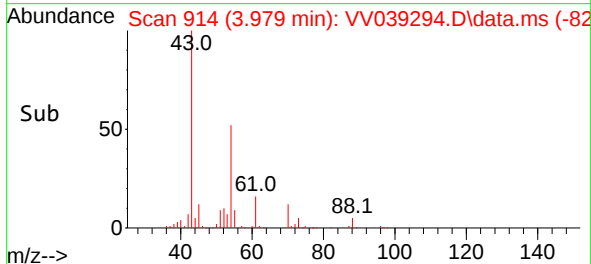
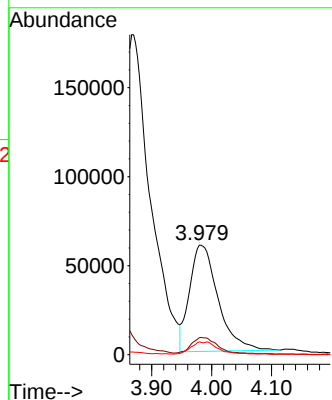
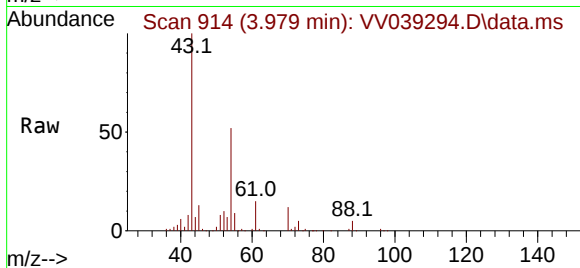
Tgt Ion: 43 Resp: 198292

Ion Ratio Lower Upper

43 100

61 14.4 12.2 18.2

70 4.9 9.0 13.4#



#38

Carbon Tetrachloride

Concen: 21.307 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

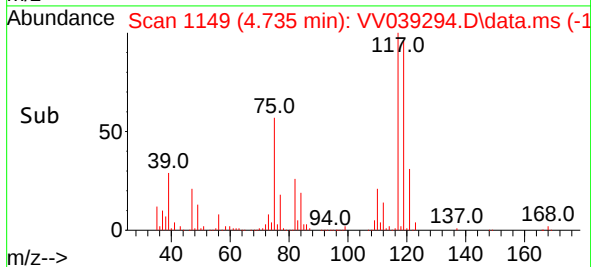
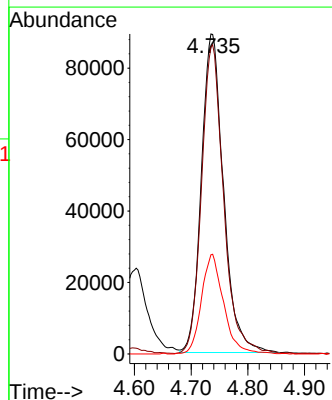
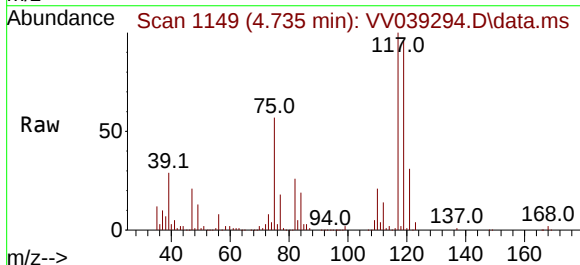
Tgt Ion: 117 Resp: 242611

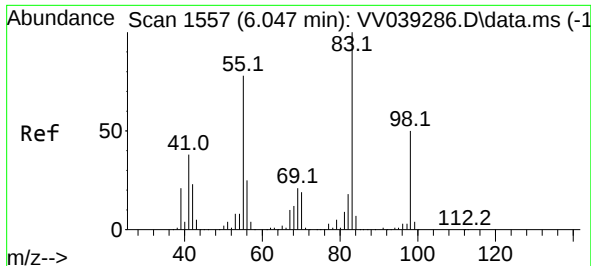
Ion Ratio Lower Upper

117 100

119 95.9 75.9 113.9

121 31.0 24.6 37.0





#39

Methylcyclohexane

Concen: 20.046 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

VV1021WBS01

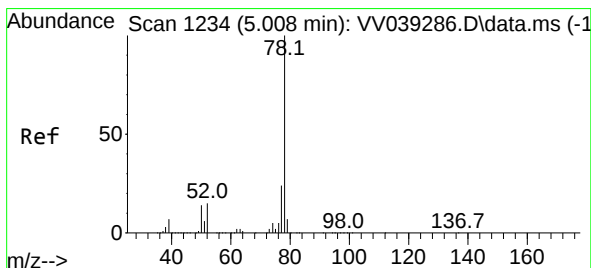
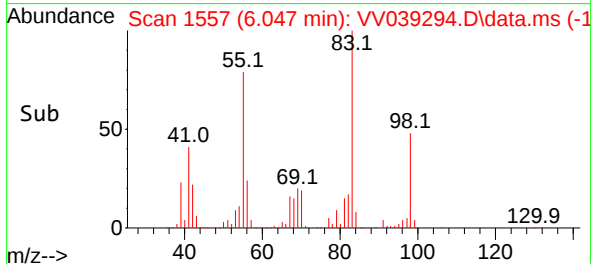
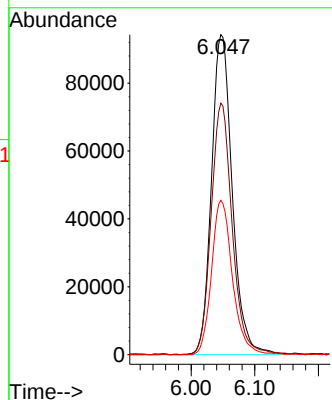
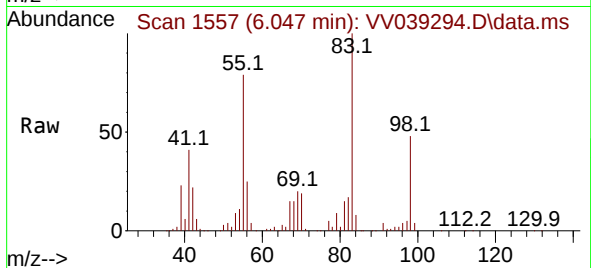
Tgt Ion: 83 Resp: 214116

Ion Ratio Lower Upper

83 100

55 78.6 62.1 93.1

98 48.2 40.2 60.4



#40

Benzene

Concen: 20.925 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV039294.D

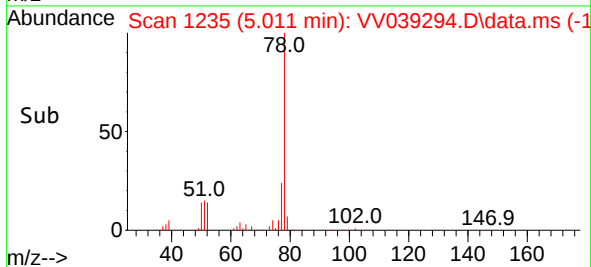
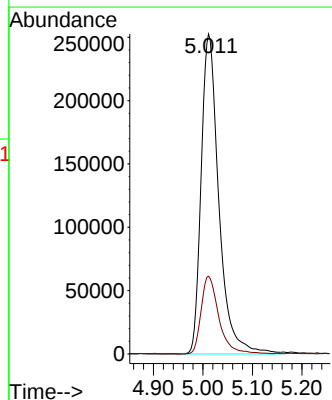
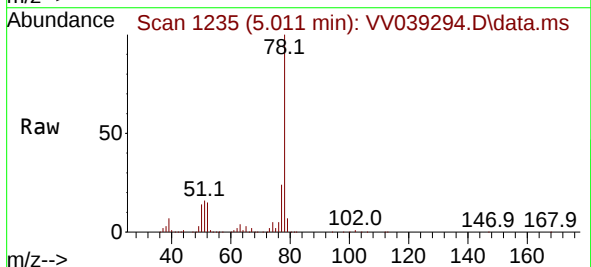
Acq: 21 Oct 2025 10:19

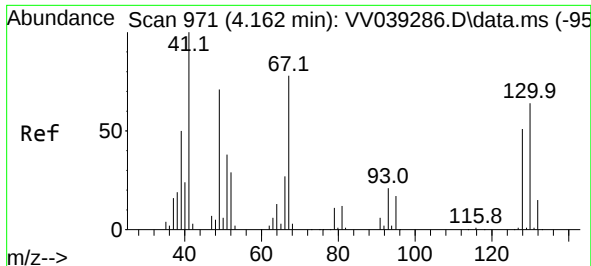
Tgt Ion: 78 Resp: 627519

Ion Ratio Lower Upper

78 100

77 24.3 18.9 28.3



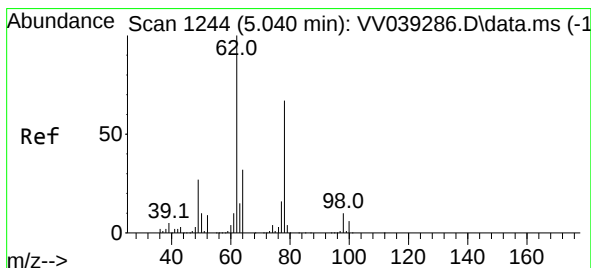
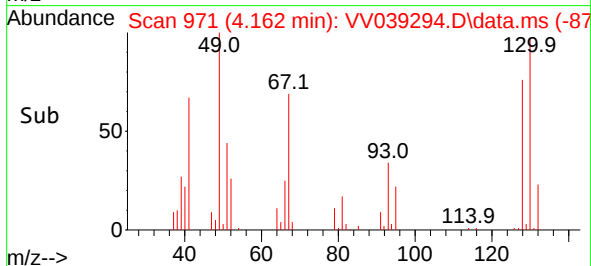
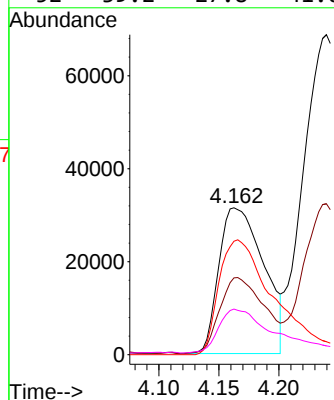
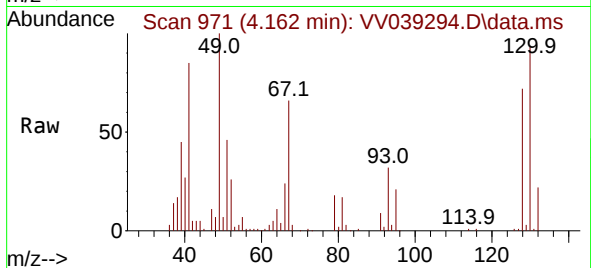


#41
Methacrylonitrile
Concen: 18.543 ug/l
RT: 4.162 min Scan# 91
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

Tgt Ion: 41 Resp: 81621

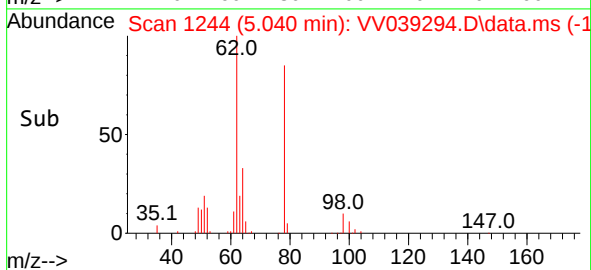
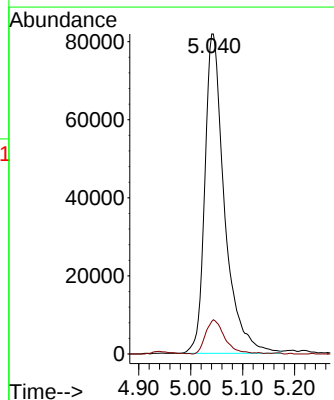
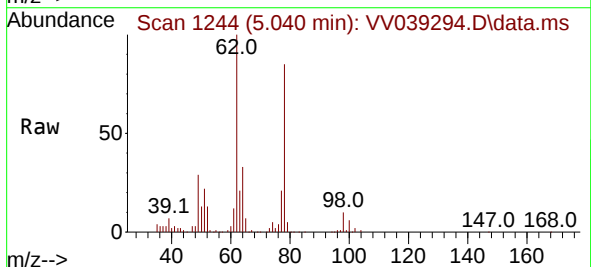
Ion	Ratio	Lower	Upper
41	100		
39	51.7	40.9	61.3
67	101.0	73.1	109.7
52	39.2	27.8	41.6

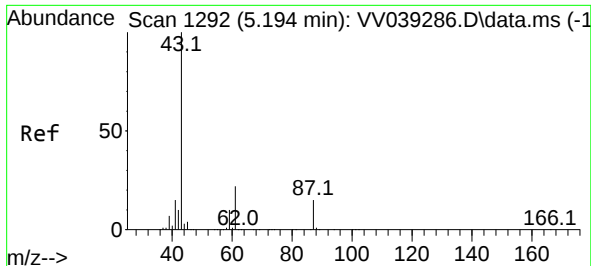


#42
1,2-Dichloroethane
Concen: 20.449 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 62 Resp: 215234

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.0

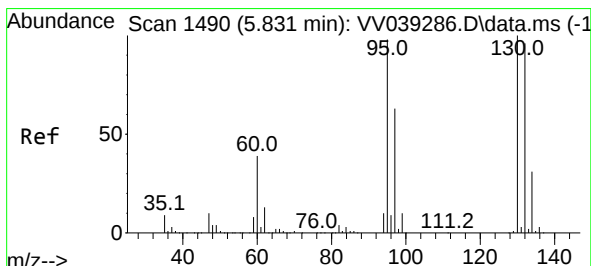
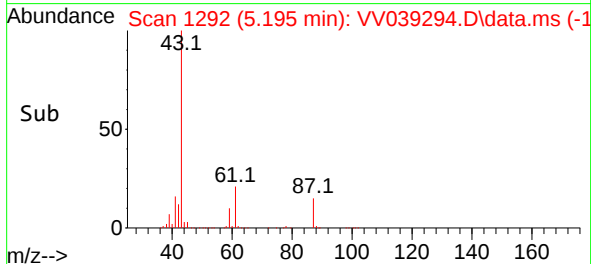
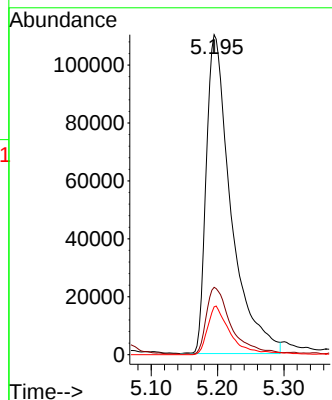
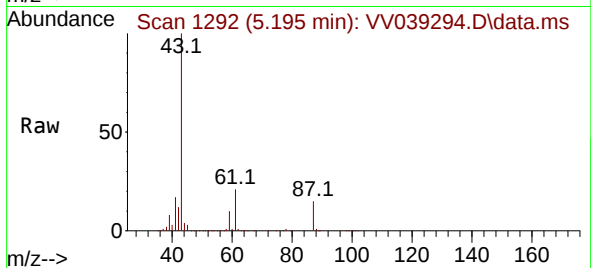




#43
Isopropyl Acetate
Concen: 19.891 ug/l
RT: 5.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

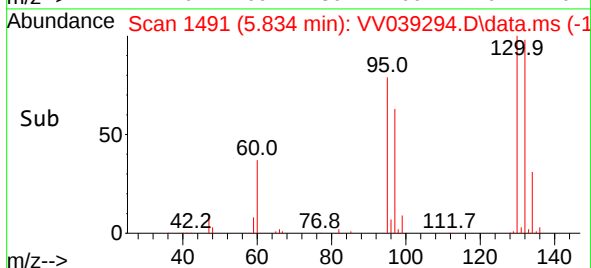
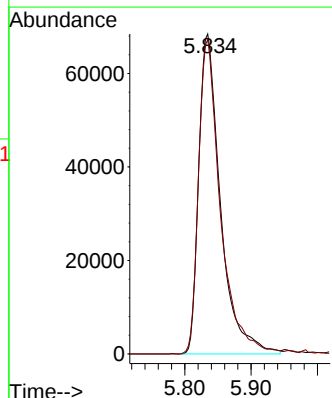
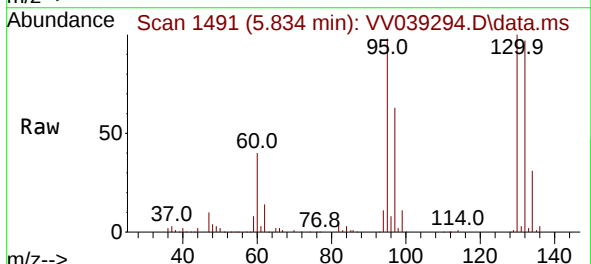
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

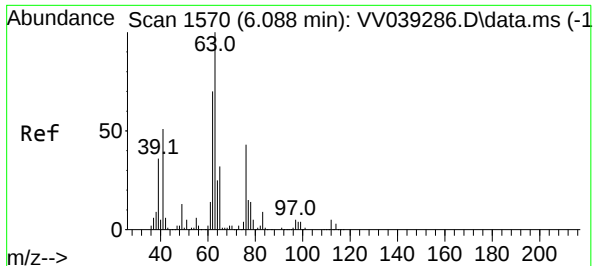
Tgt Ion: 43 Resp: 284933
Ion Ratio Lower Upper
43 100
61 20.8 17.1 25.7
87 13.5 11.5 17.3



#44
Trichloroethene
Concen: 20.655 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion:130 Resp: 155769
Ion Ratio Lower Upper
130 100
95 98.2 0.0 196.6





#45

1,2-Dichloropropane

Concen: 22.196 ug/l

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

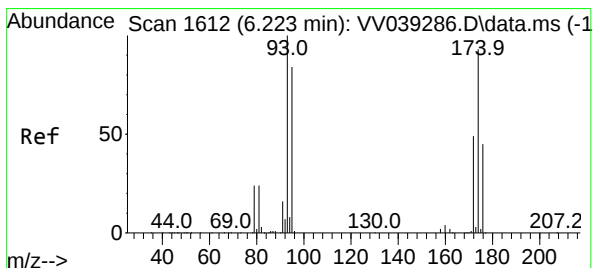
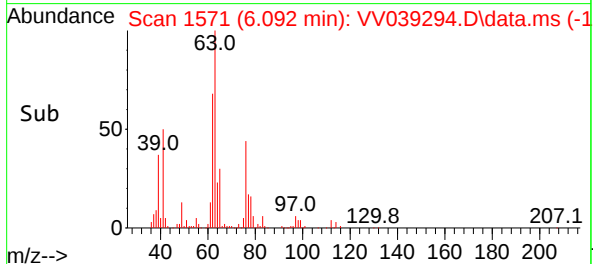
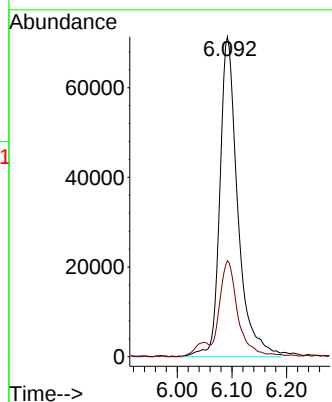
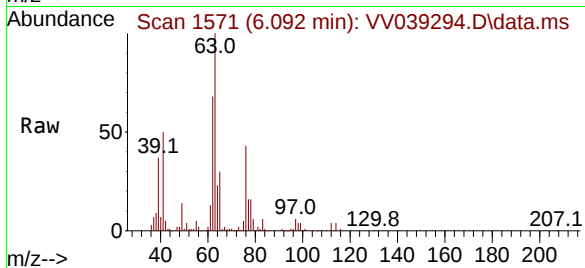
VV1021WBS01

Tgt Ion: 63 Resp: 161974

Ion Ratio Lower Upper

63 100

65 29.7 25.4 38.2



#46

Dibromomethane

Concen: 20.307 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

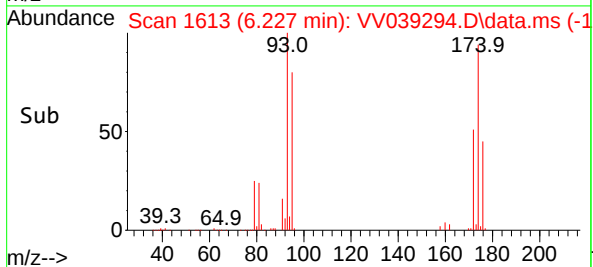
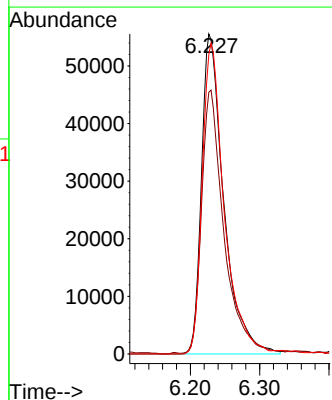
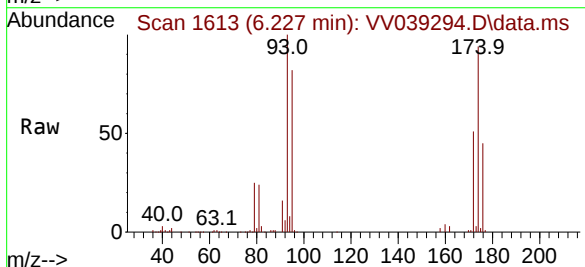
Tgt Ion: 93 Resp: 123867

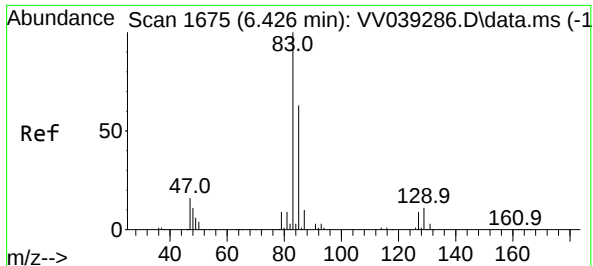
Ion Ratio Lower Upper

93 100

95 81.9 65.6 98.4

174 96.0 74.6 112.0

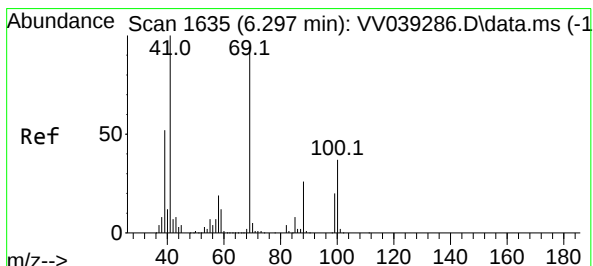
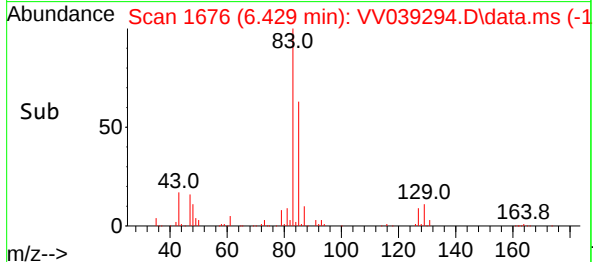
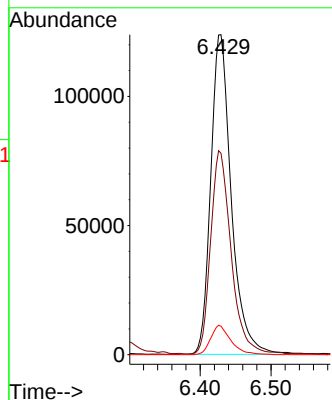
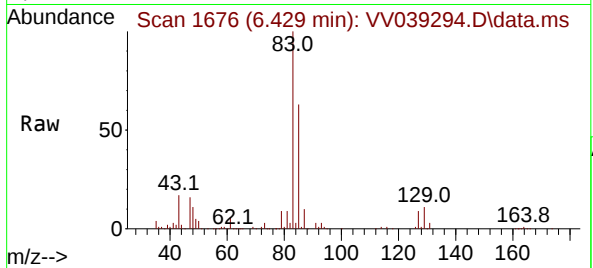




#47
Bromodichloromethane
Concen: 20.744 ug/l
RT: 6.429 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

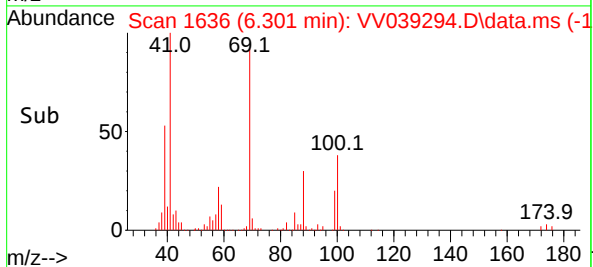
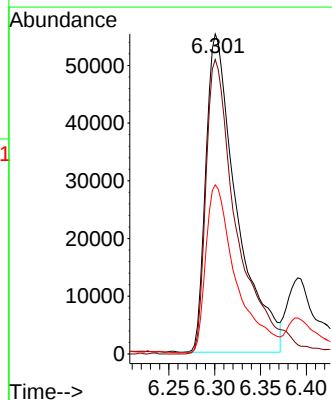
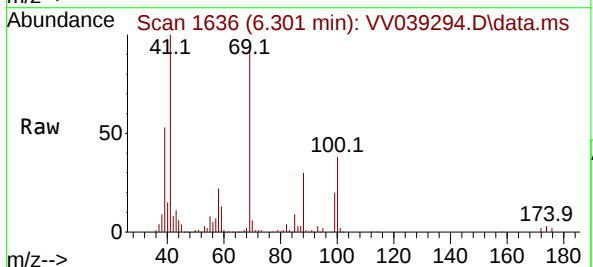
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

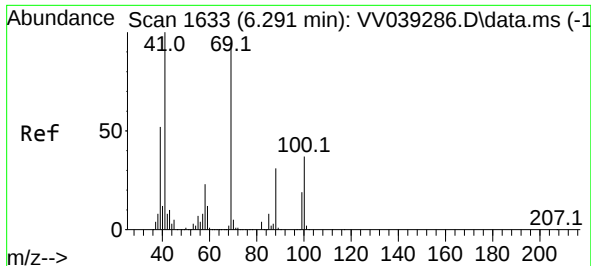
Tgt Ion: 83 Resp: 249306
Ion Ratio Lower Upper
83 100
85 62.6 50.9 76.3
127 8.9 7.0 10.6



#48
Methyl methacrylate
Concen: 19.394 ug/l
RT: 6.301 min Scan# 1636
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 41 Resp: 128698
Ion Ratio Lower Upper
41 100
69 94.8 77.2 115.8
39 52.1 41.4 62.0





#49

1,4-Dioxane

Concen: 408.040 ug/l

RT: 6.294 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

VV1021WBS01

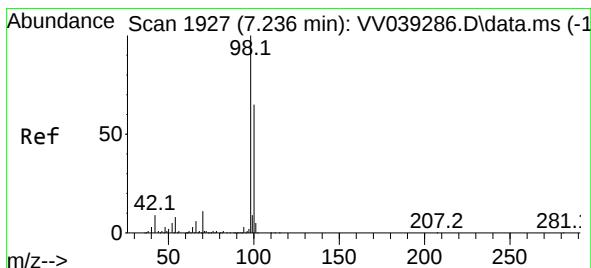
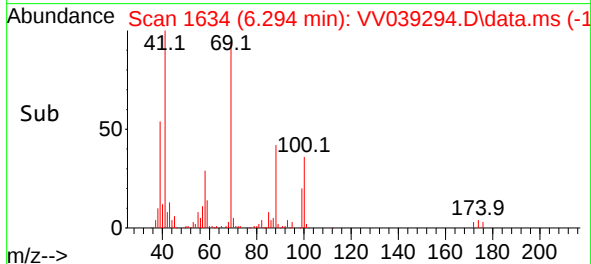
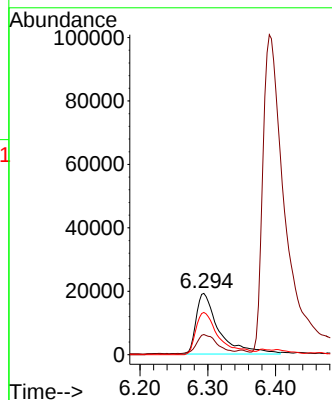
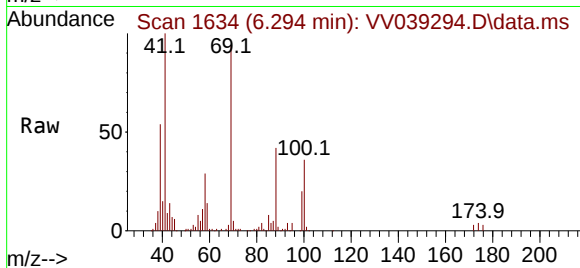
Tgt Ion: 88 Resp: 45045

Ion Ratio Lower Upper

88 100

43 28.9 24.1 36.1

58 70.2 57.6 86.4



#50

Toluene-d8

Concen: 56.387 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV039294.D

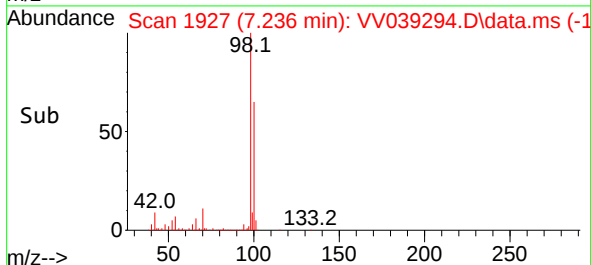
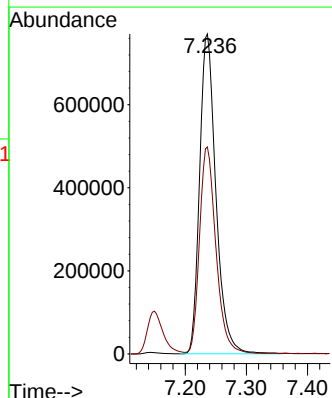
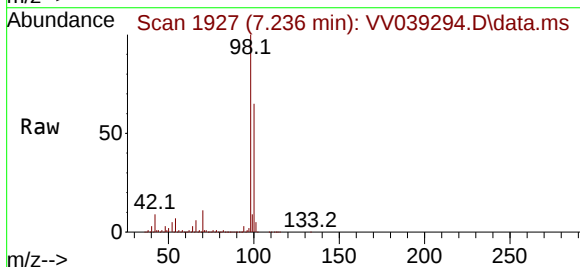
Acq: 21 Oct 2025 10:19

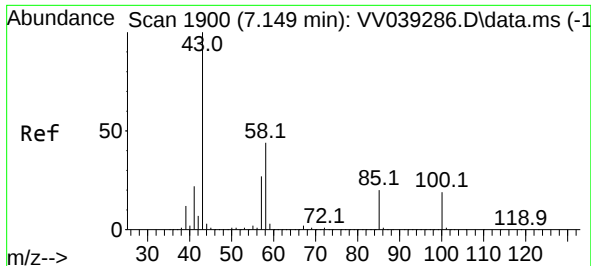
Tgt Ion: 98 Resp: 1427368

Ion Ratio Lower Upper

98 100

100 65.0 52.8 79.2

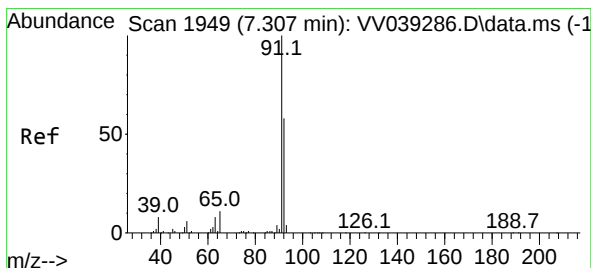
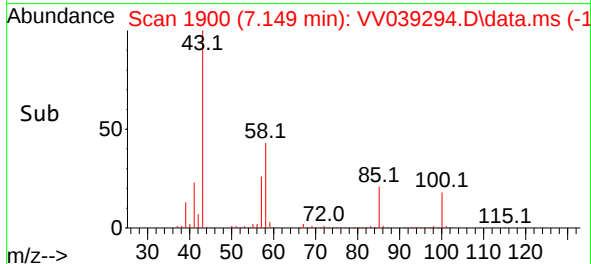
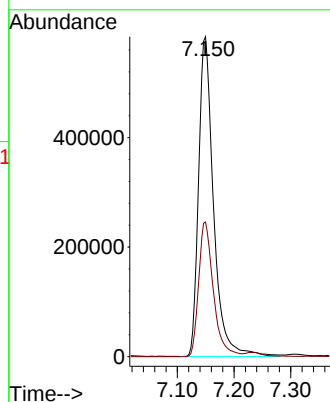
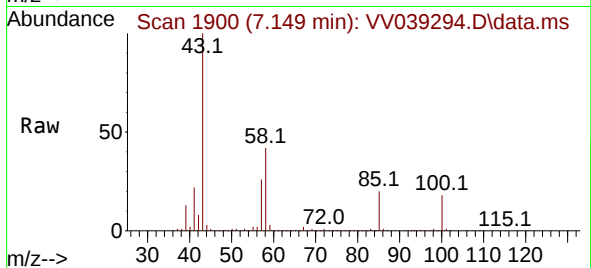




#51
4-Methyl-2-Pentanone
Concen: 107.778 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

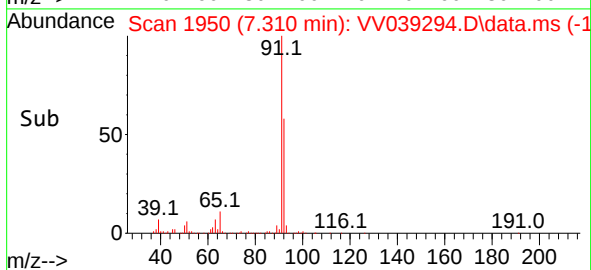
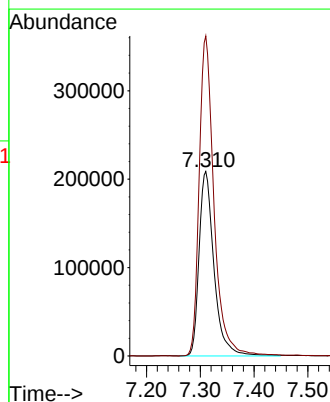
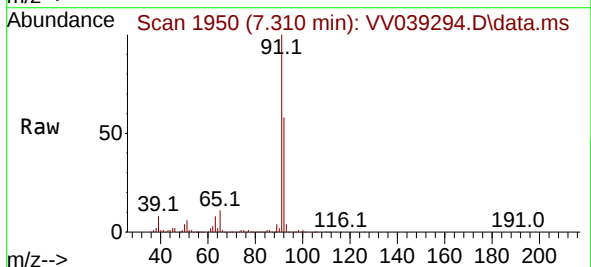
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

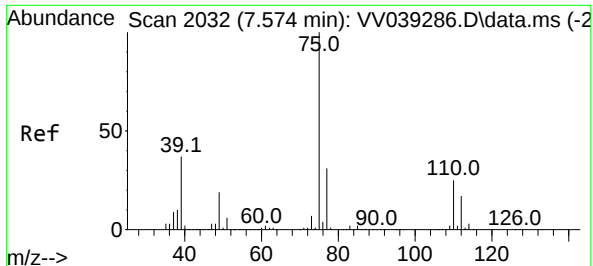
Tgt Ion: 43 Resp: 1071096
Ion Ratio Lower Upper
43 100
58 41.4 34.2 51.4



#52
Toluene
Concen: 22.251 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 92 Resp: 402911
Ion Ratio Lower Upper
92 100
91 172.4 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 21.063 ug/l

RT: 7.577 min Scan# 2032

Delta R.T. 0.003 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

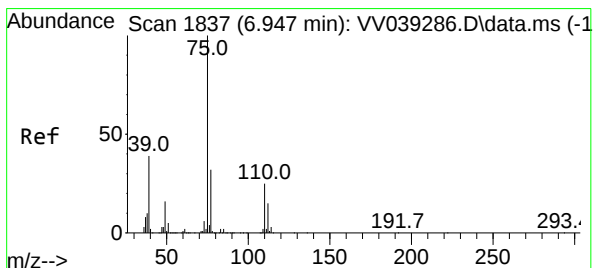
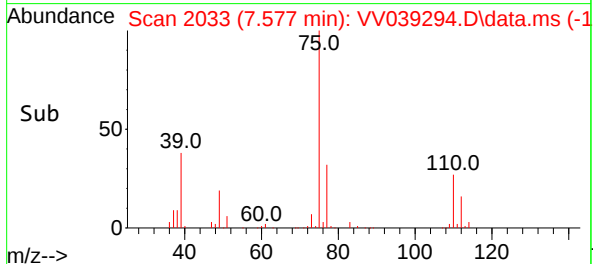
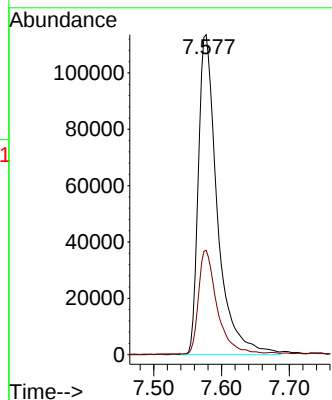
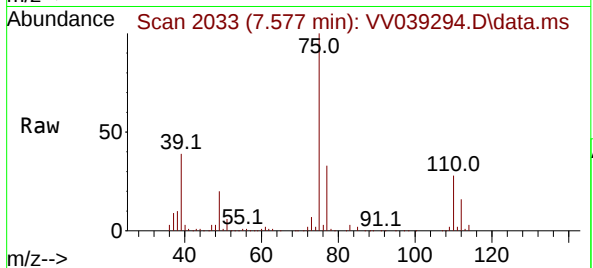
VV1021WBS01

Tgt Ion: 75 Resp: 221242

Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 21.366 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

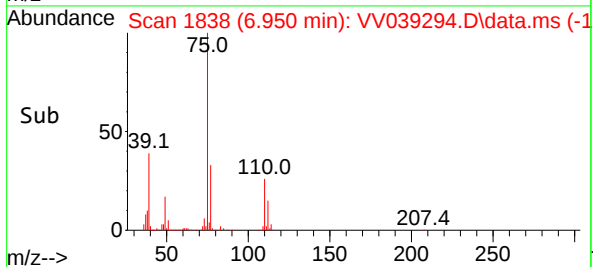
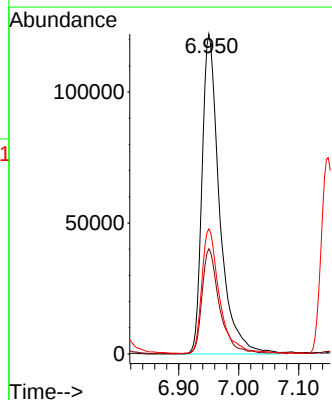
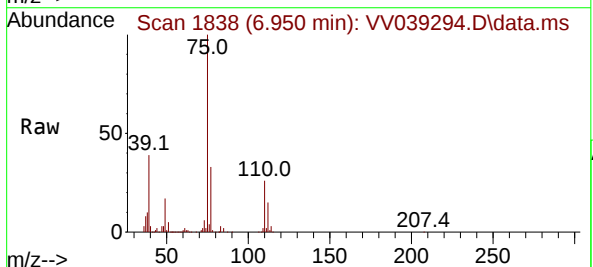
Tgt Ion: 75 Resp: 249505

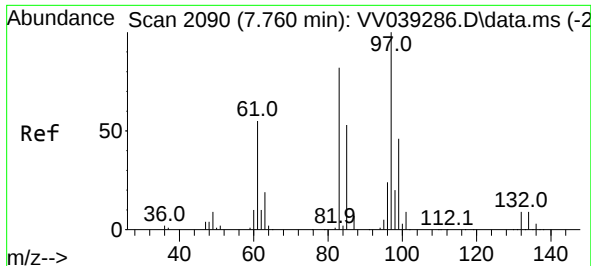
Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4

39 38.9 31.0 46.6

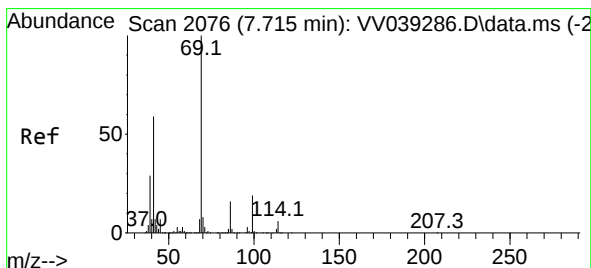
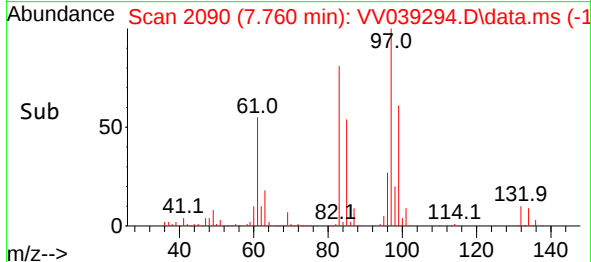
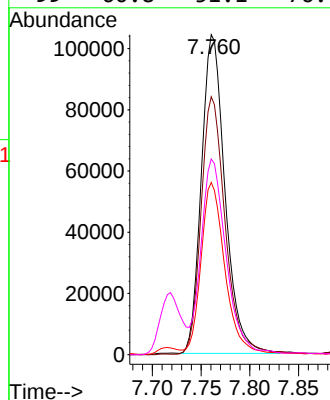
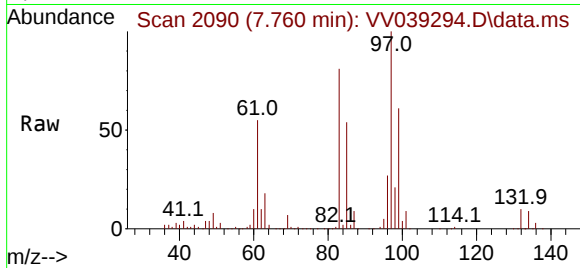




#55
 1,1,2-Trichloroethane
 Concen: 21.527 ug/l
 RT: 7.760 min Scan# 2090
 Delta R.T. 0.000 min
 Lab File: VV039294.D
 Acq: 21 Oct 2025 10:19

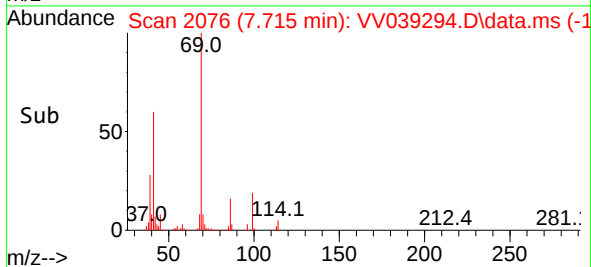
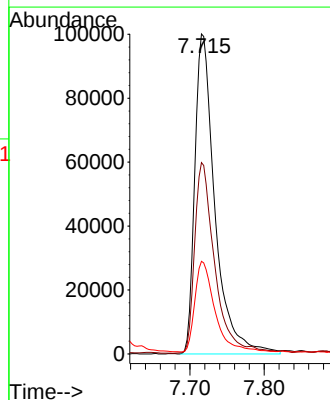
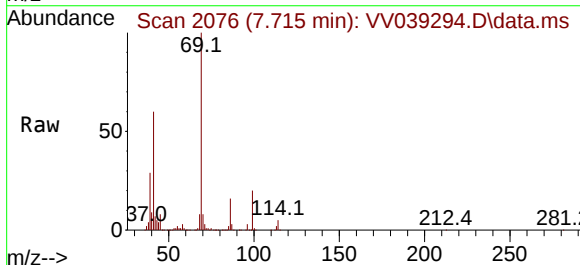
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1021WBS01

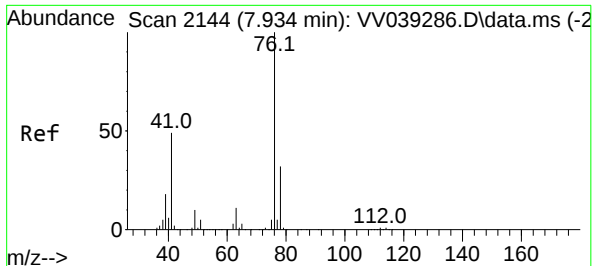
Tgt Ion:	97	Resp:	176009
Ion	Ratio	Lower	Upper
97	100		
83	80.6	65.8	98.8
85	53.4	43.3	64.9
99	60.8	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 20.440 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VV039294.D
 Acq: 21 Oct 2025 10:19

Tgt Ion:	69	Resp:	189344
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.1	70.7
39	28.3	23.2	34.8





#57

1,3-Dichloropropane

Concen: 21.380 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

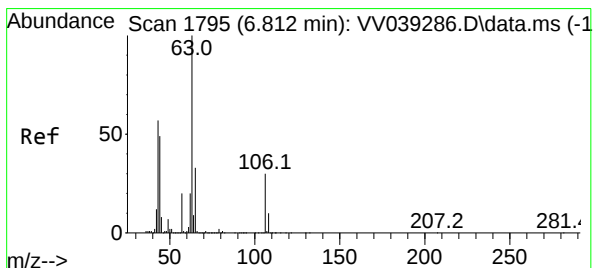
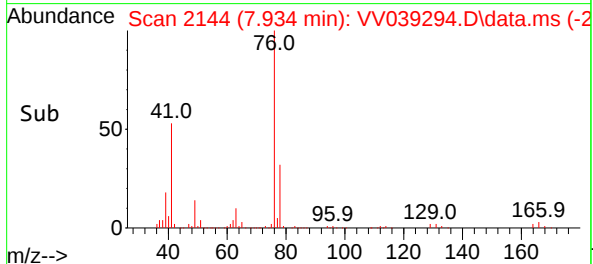
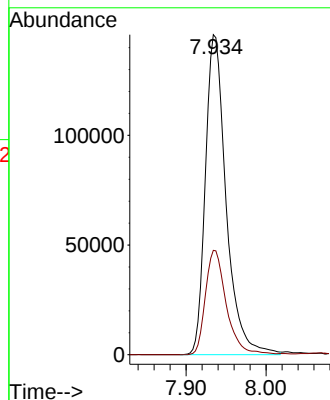
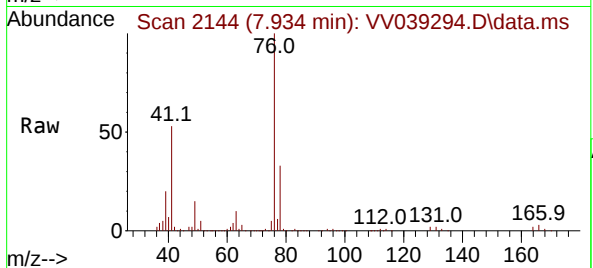
VV1021WBS01

Tgt Ion: 76 Resp: 263789

Ion Ratio Lower Upper

76 100

78 32.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 112.231 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VV039294.D

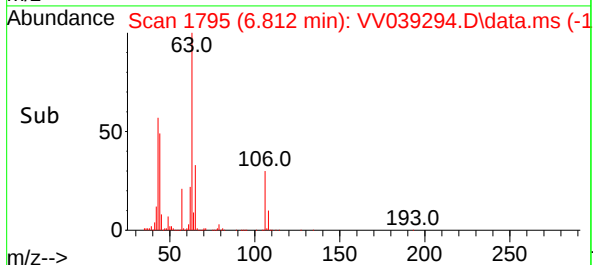
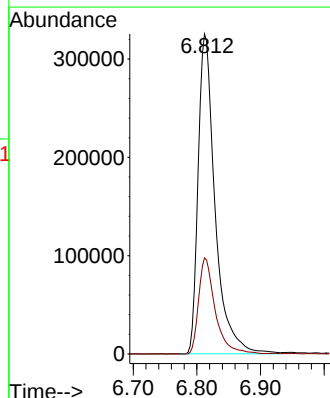
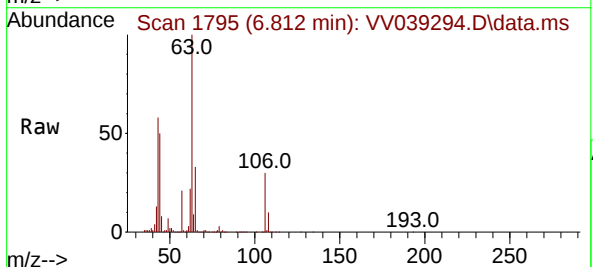
Acq: 21 Oct 2025 10:19

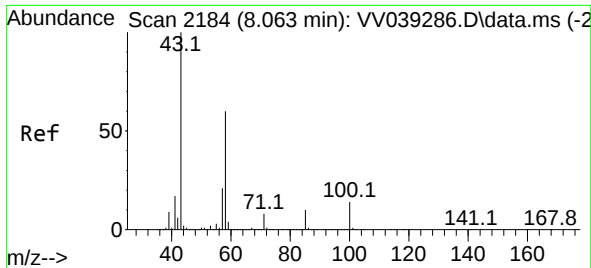
Tgt Ion: 63 Resp: 602035

Ion Ratio Lower Upper

63 100

106 29.4 23.5 35.3

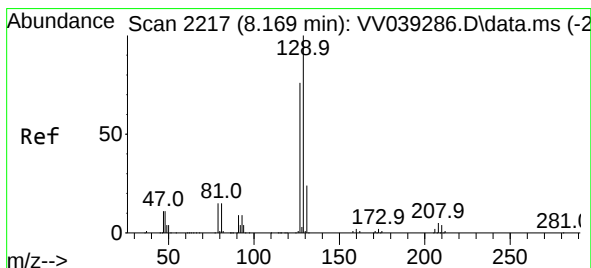
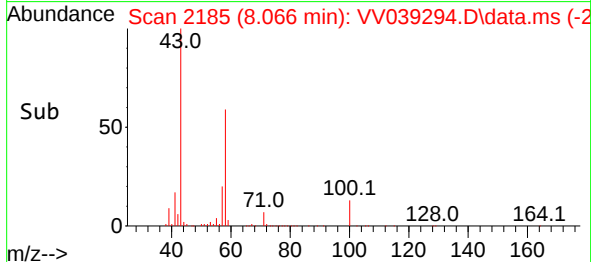
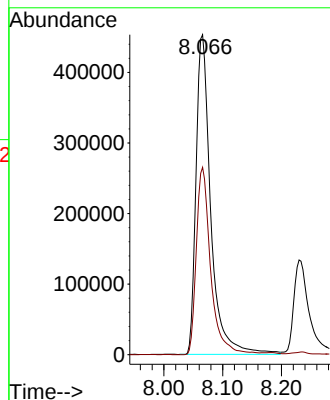
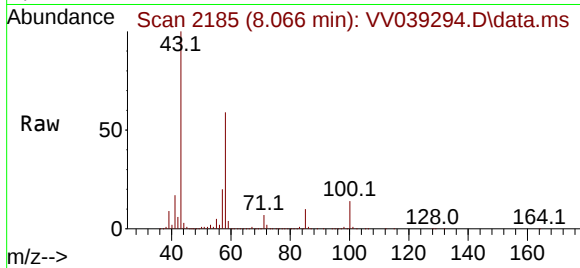




#59
2-Hexanone
Concen: 108.301 ug/l
RT: 8.066 min Scan# 2184
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

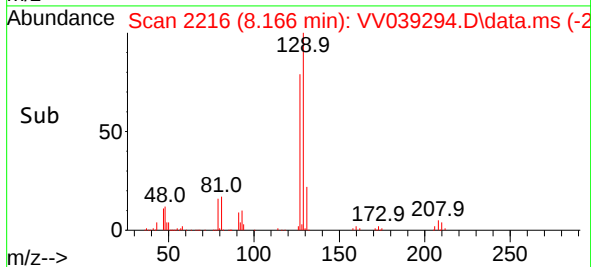
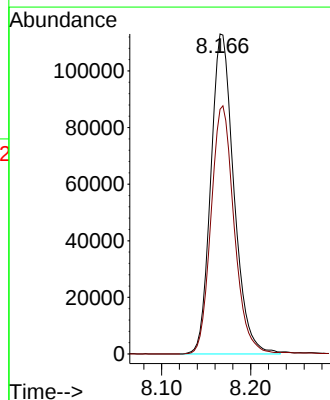
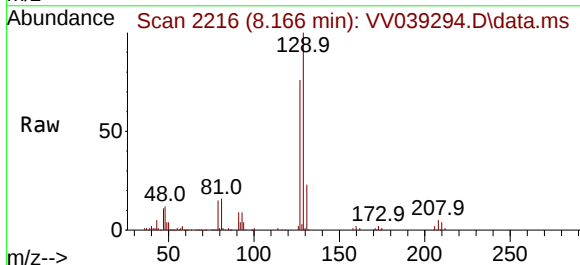
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

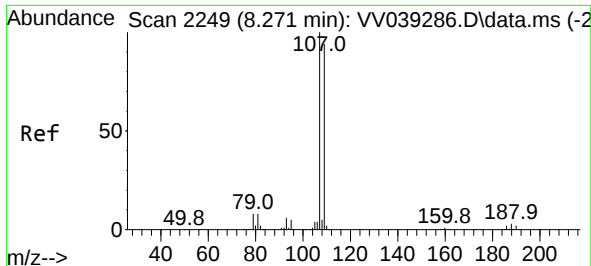
Tgt Ion: 43 Resp: 790155
Ion Ratio Lower Upper
43 100
58 57.2 29.6 88.9



#60
Dibromochloromethane
Concen: 21.330 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 129 Resp: 203919
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1

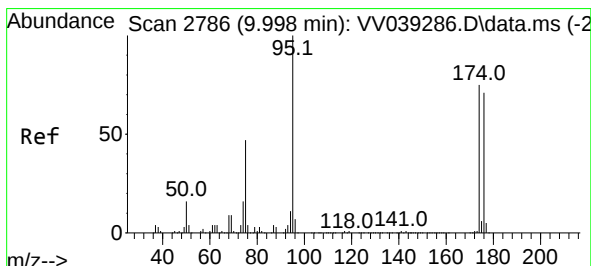
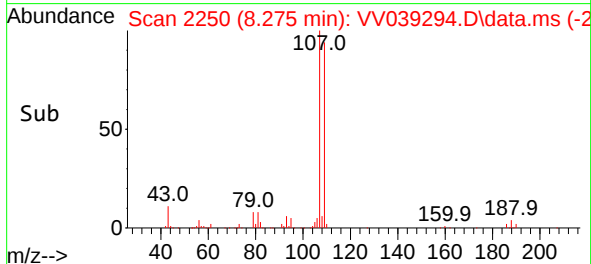
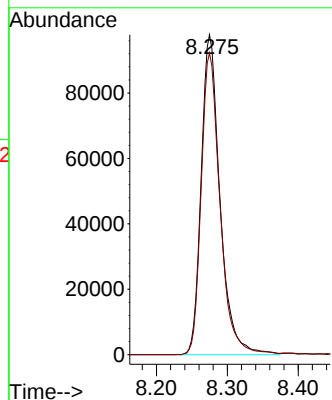
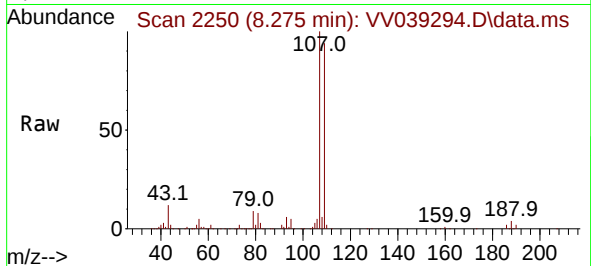




#61
1,2-Dibromoethane
Concen: 21.175 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

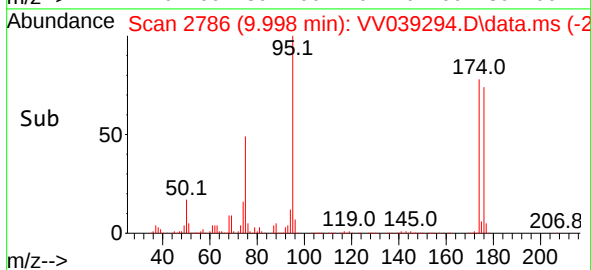
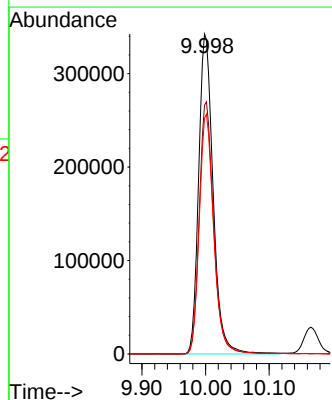
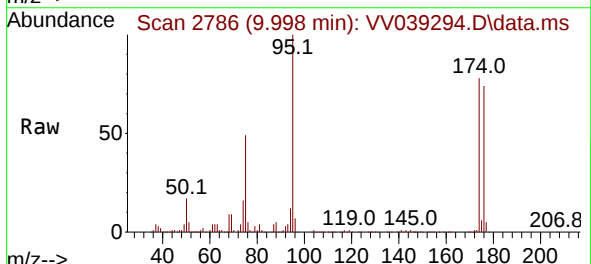
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

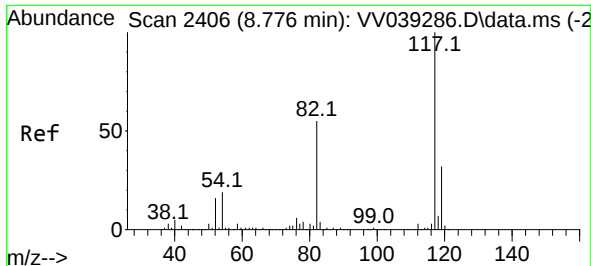
Tgt Ion:107 Resp: 180277
Ion Ratio Lower Upper
107 100
109 94.3 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 60.027 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 95 Resp: 541163
Ion Ratio Lower Upper
95 100
174 78.2 0.0 153.6
176 74.7 0.0 146.0

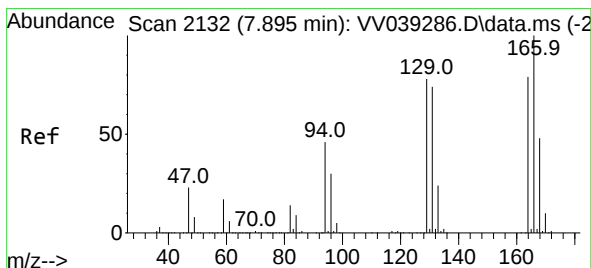
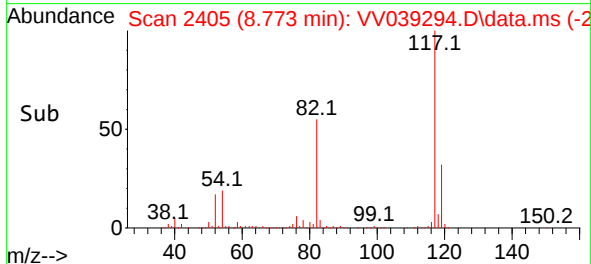
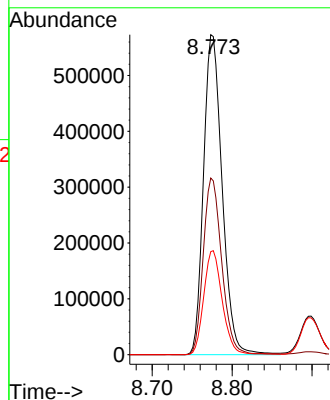
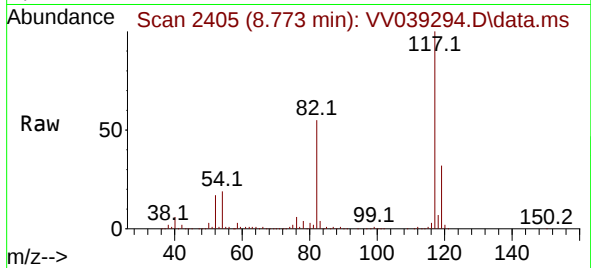




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

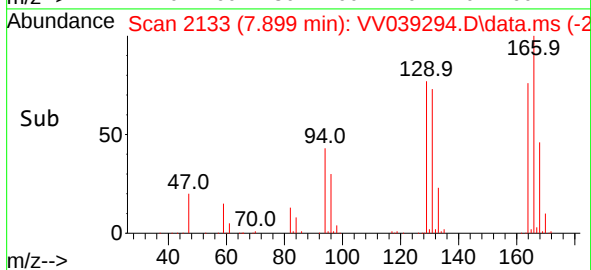
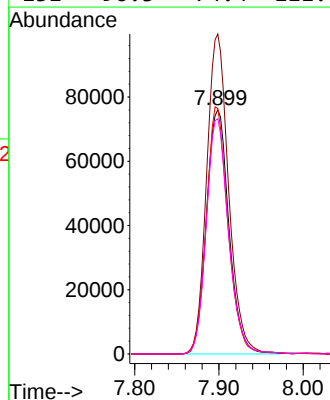
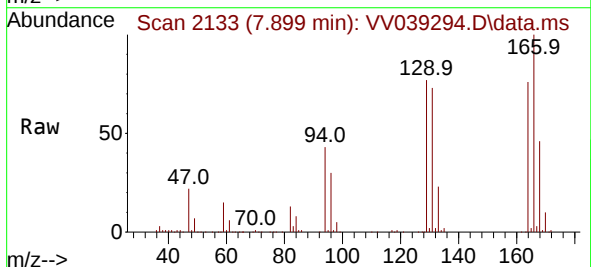
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

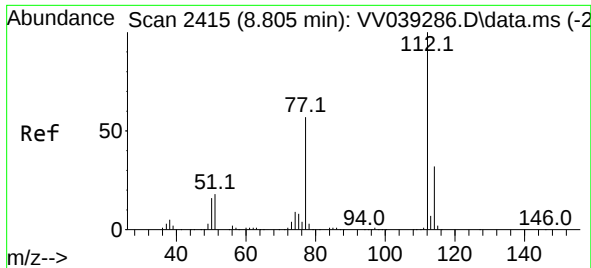
Tgt Ion:117 Resp: 931152
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 20.808 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion:164 Resp: 141333
Ion Ratio Lower Upper
164 100
166 131.0 101.0 151.6
129 100.5 79.0 118.6
131 96.3 74.4 111.6

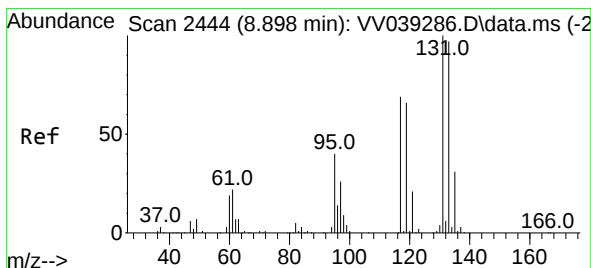
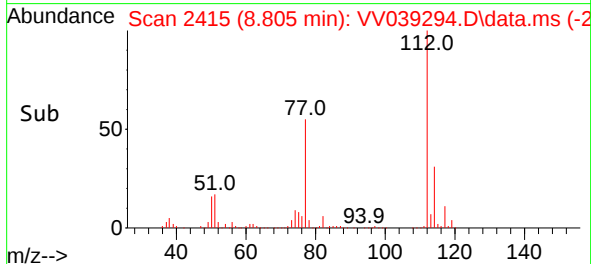
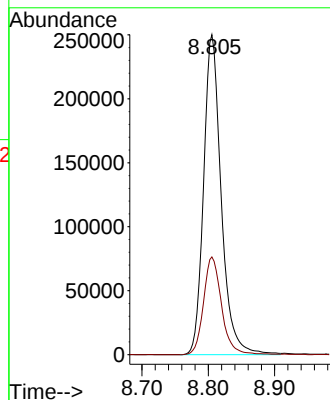
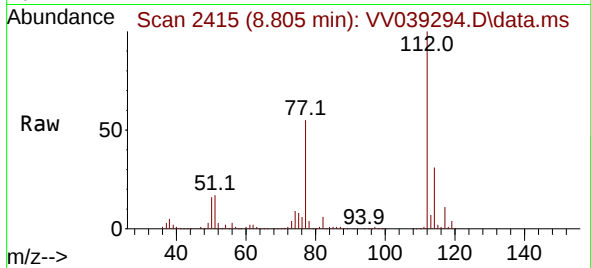




#65
Chlorobenzene
Concen: 20.948 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

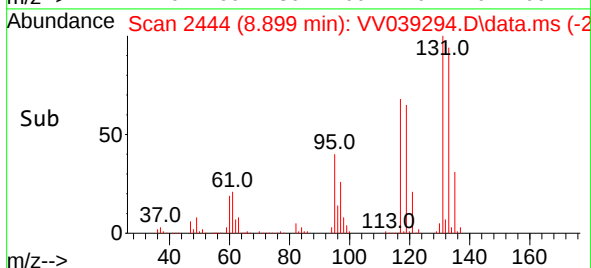
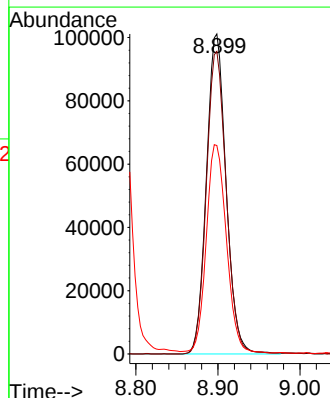
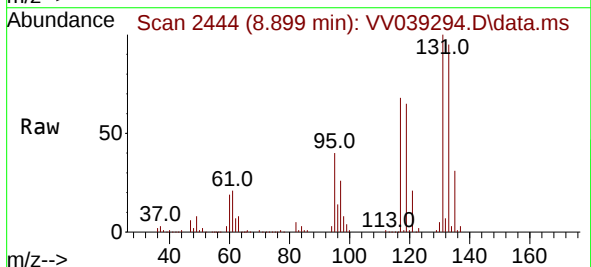
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

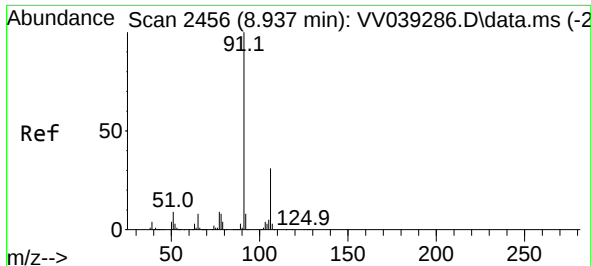
Tgt Ion:112 Resp: 461773
Ion Ratio Lower Upper
112 100
114 30.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.436 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion:131 Resp: 168738
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 66.7 32.7 98.1





#67

Ethyl Benzene

Concen: 20.633 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

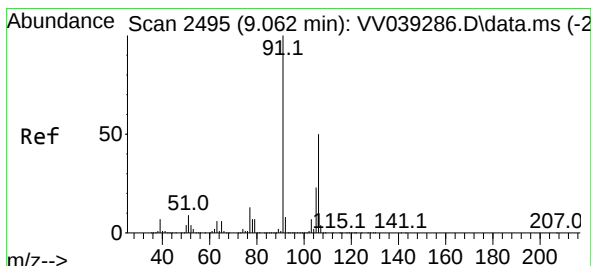
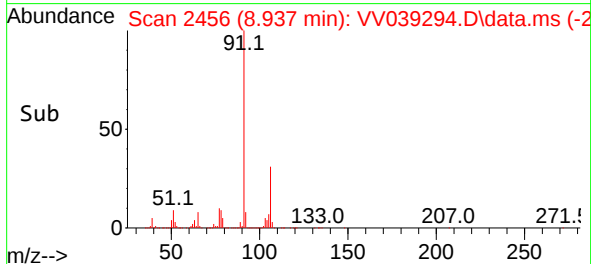
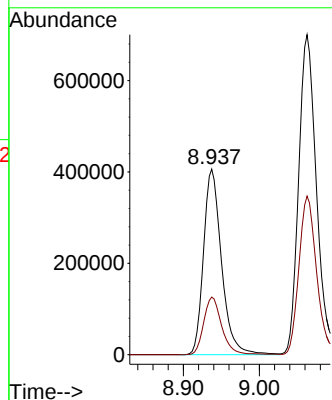
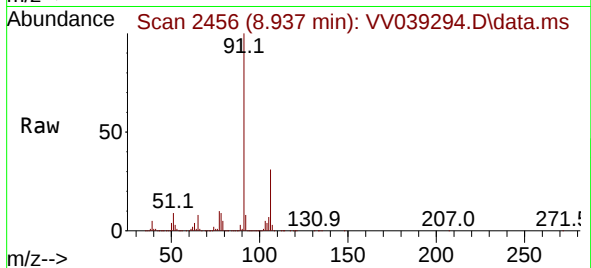
VV1021WBS01

Tgt Ion: 91 Resp: 669967

Ion Ratio Lower Upper

91 100

106 31.0 24.6 37.0



#68

m/p-Xylenes

Concen: 44.135 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV039294.D

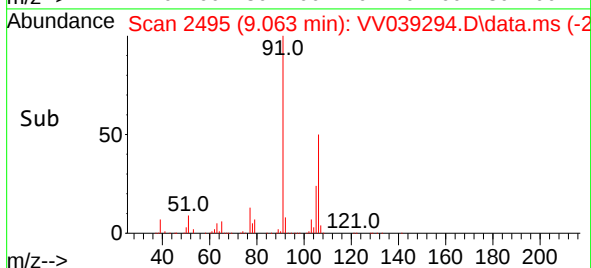
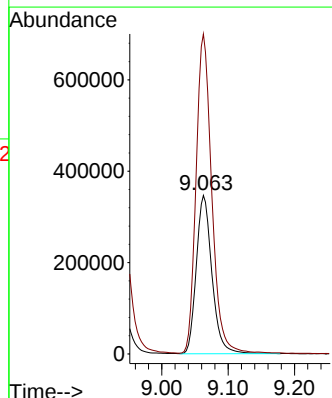
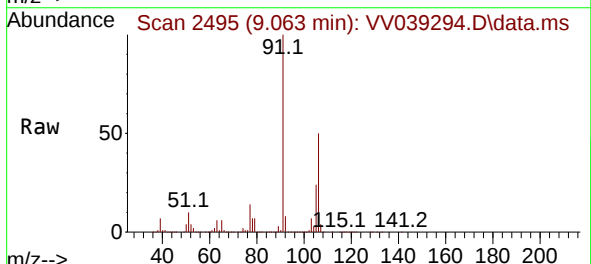
Acq: 21 Oct 2025 10:19

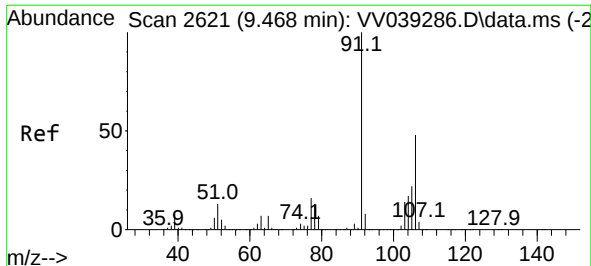
Tgt Ion: 106 Resp: 568387

Ion Ratio Lower Upper

106 100

91 202.3 160.2 240.2

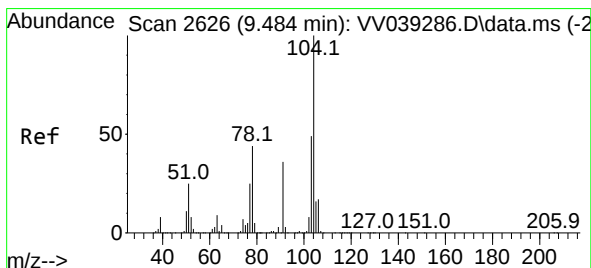
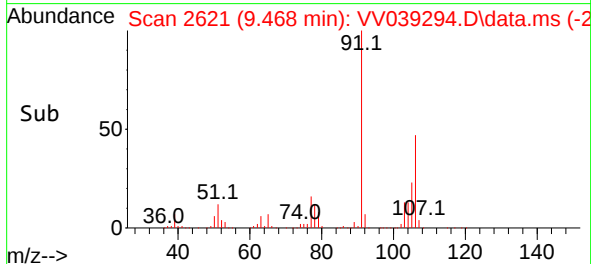
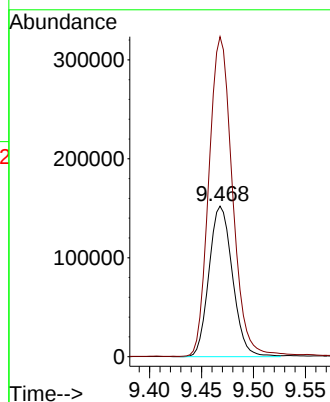
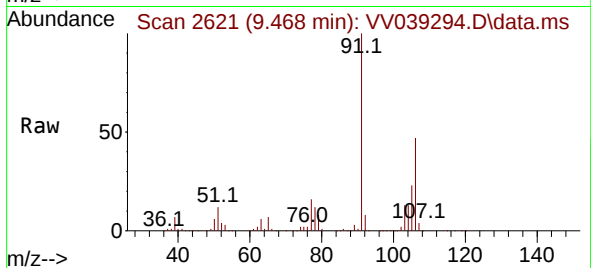




#69
o-Xylene
Concen: 21.046 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

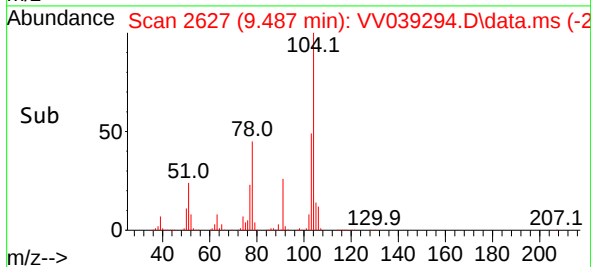
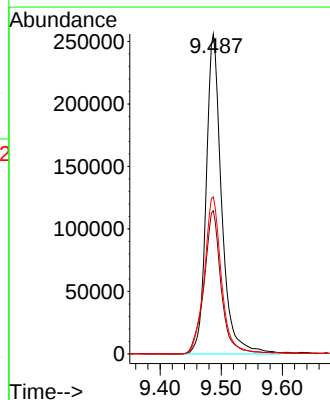
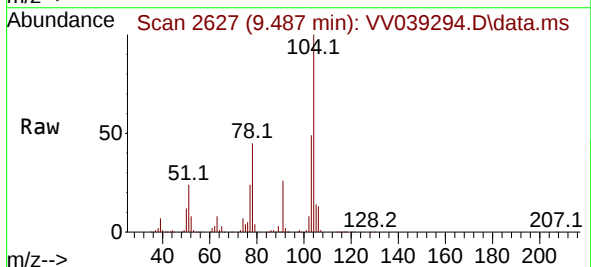
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

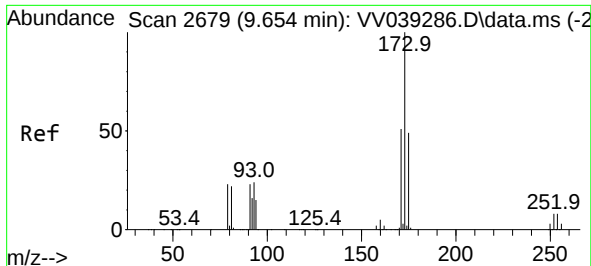
Tgt Ion:106 Resp: 239357
Ion Ratio Lower Upper
106 100
91 213.3 105.8 317.3



#70
Styrene
Concen: 22.210 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion:104 Resp: 449454
Ion Ratio Lower Upper
104 100
78 49.5 38.9 58.3
103 54.5 42.9 64.3

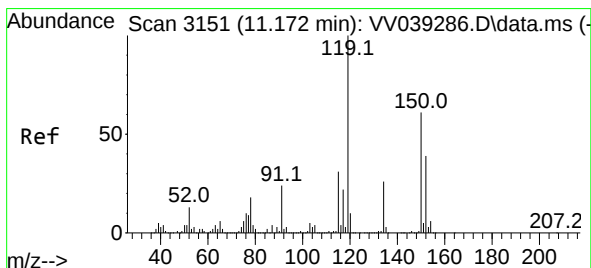
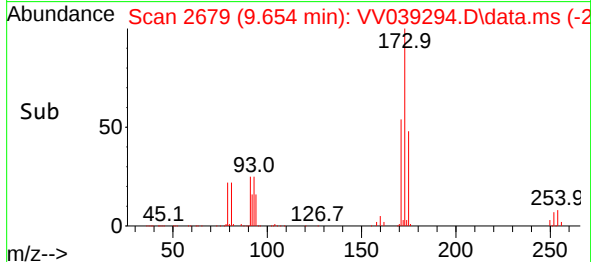
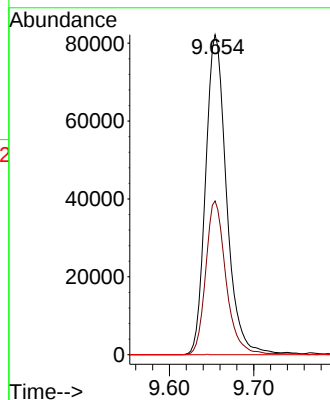
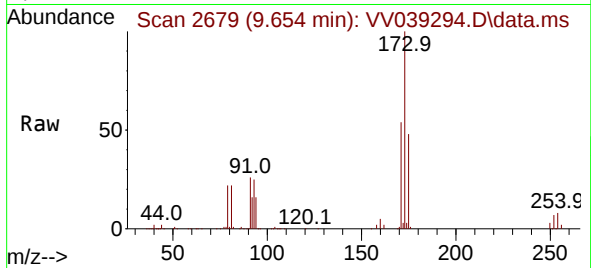




#71
Bromoform
Concen: 21.226 ug/l
RT: 9.654 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

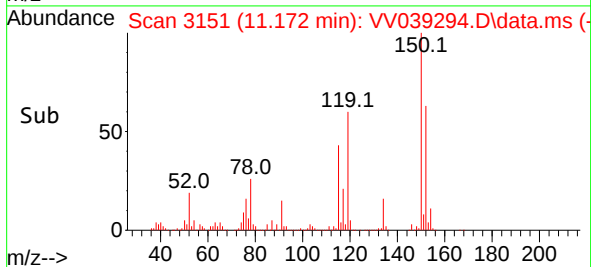
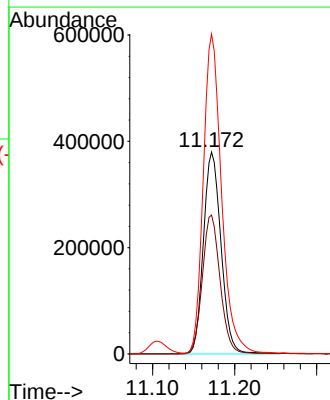
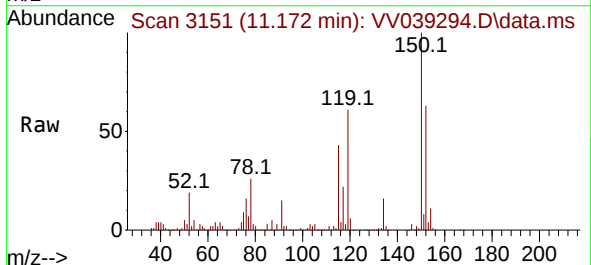
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

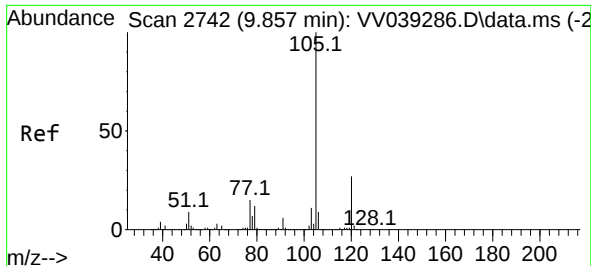
Tgt Ion:173 Resp: 141732
Ion Ratio Lower Upper
173 100
175 46.5 24.6 73.6
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion:152 Resp: 566393
Ion Ratio Lower Upper
152 100
115 69.1 42.3 126.8
150 164.2 0.0 348.0

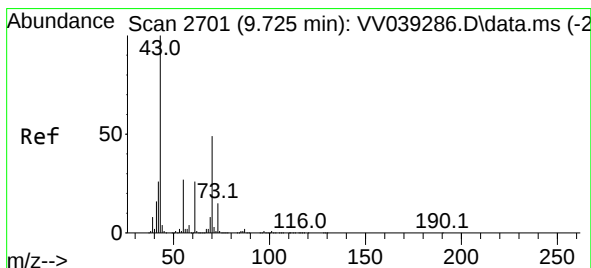
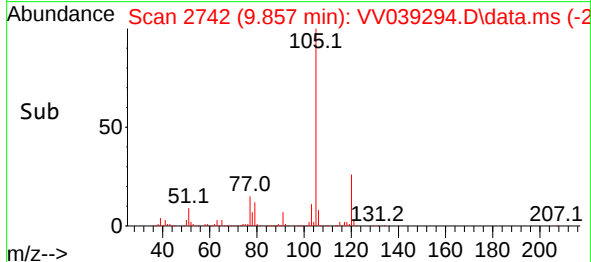
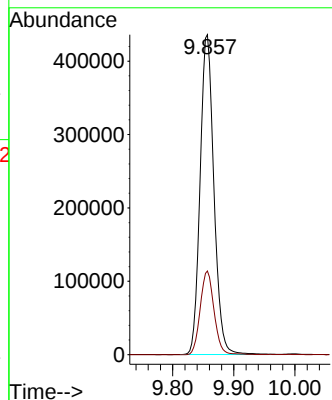
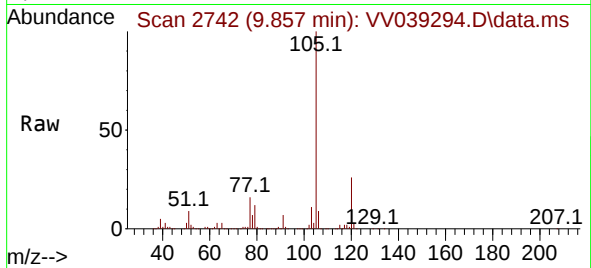




#73
Isopropylbenzene
Concen: 19.880 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

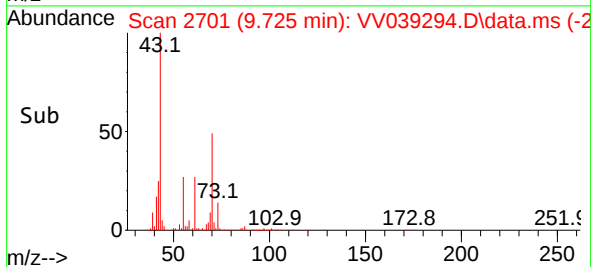
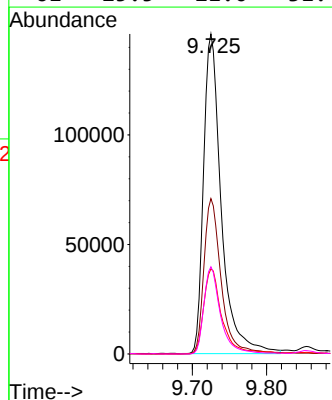
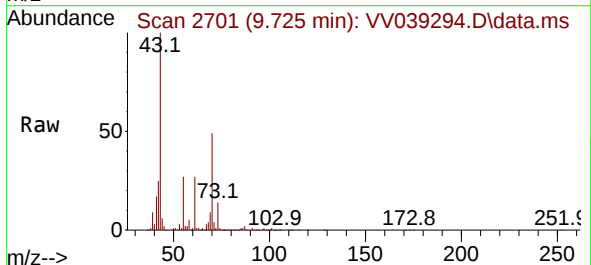
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

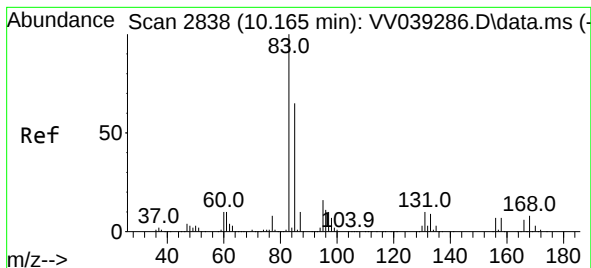
Tgt Ion:105 Resp: 683745
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5



#74
N-ethyl acetate
Concen: 17.122 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 43 Resp: 242661
Ion Ratio Lower Upper
43 100
70 47.3 38.6 58.0
55 27.4 21.9 32.9
61 25.5 21.0 31.4

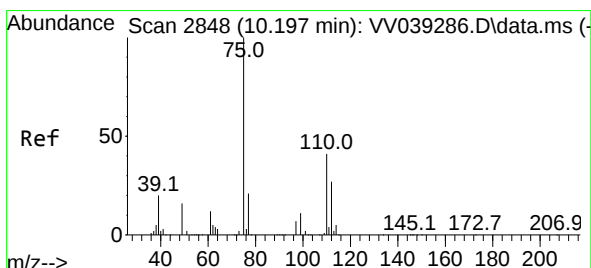
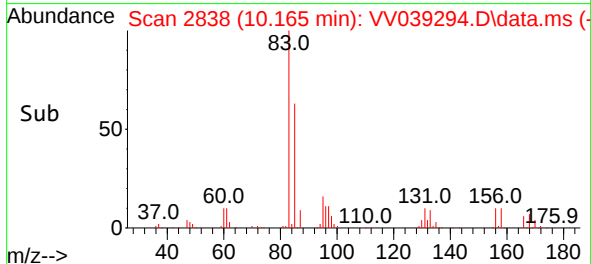
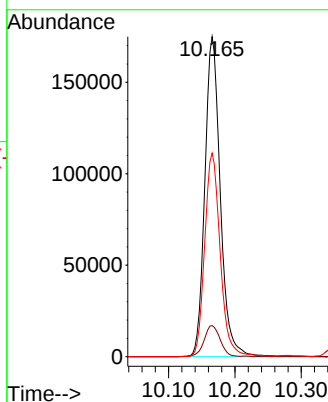
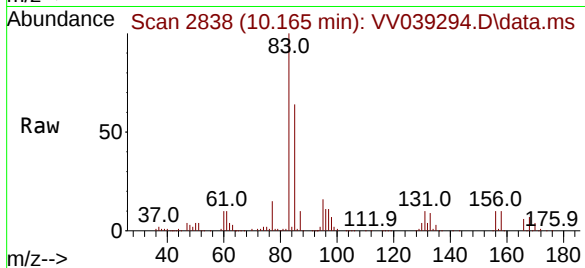




#75
1,1,2,2-Tetrachloroethane
Concen: 17.932 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

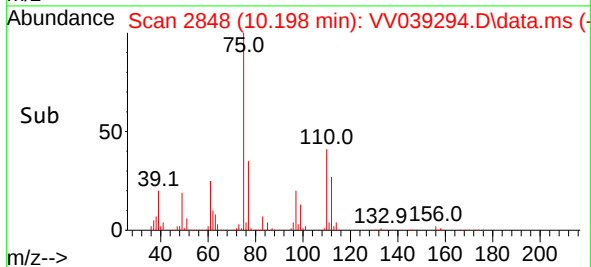
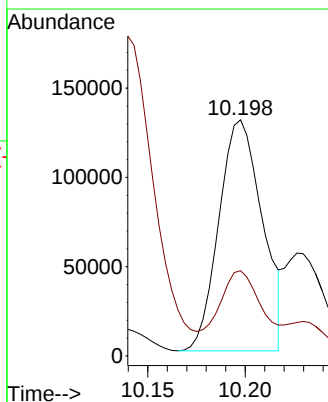
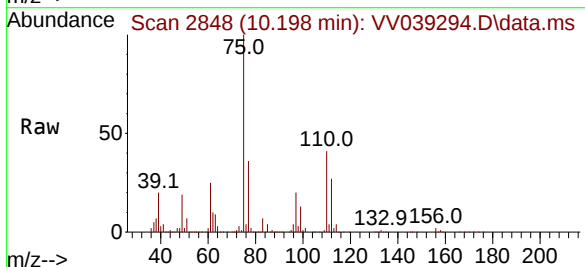
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

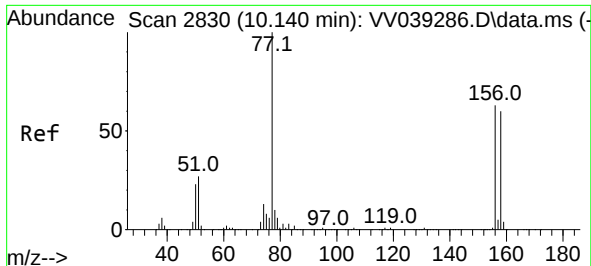
Tgt Ion: 83 Resp: 283231
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 63.9 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 17.772 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 75 Resp: 200903
Ion Ratio Lower Upper
75 100
77 22.8 12.2 36.4

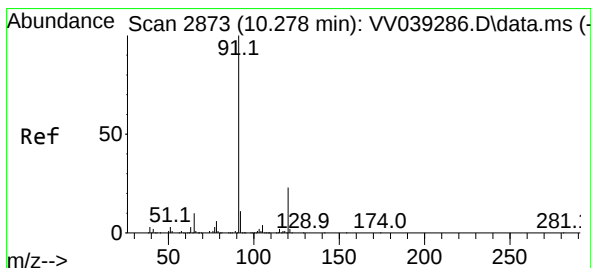
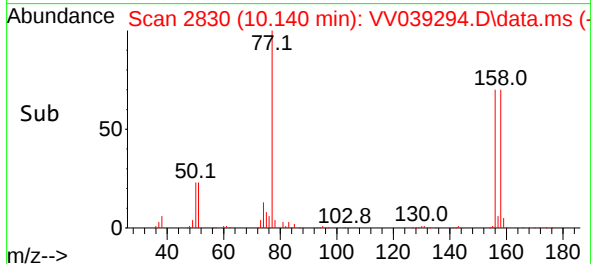
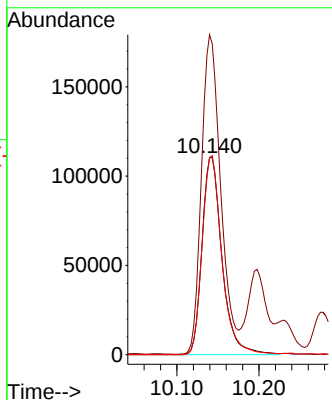
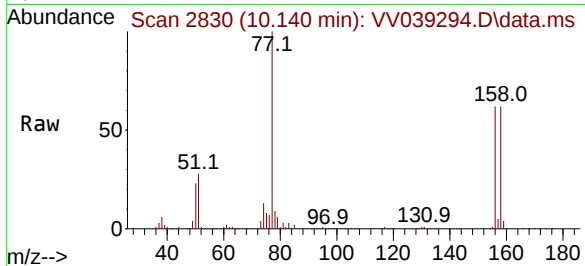




#77
Bromobenzene
Concen: 19.751 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

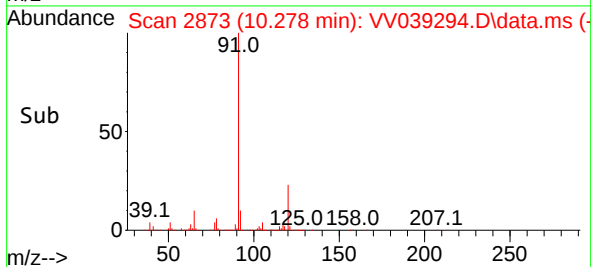
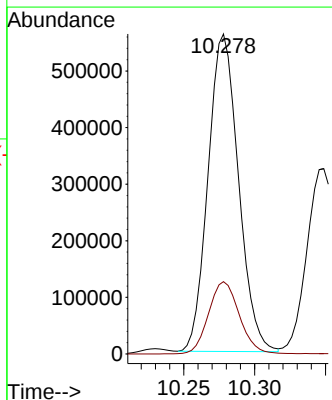
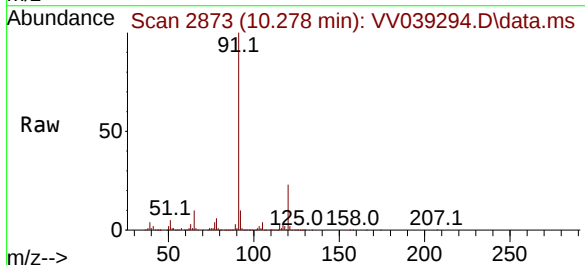
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

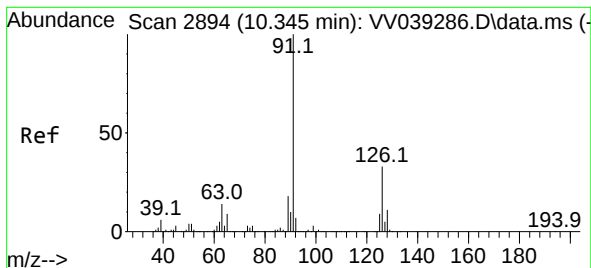
Tgt Ion:156 Resp: 186750
Ion Ratio Lower Upper
156 100
77 155.5 78.4 235.2
158 99.6 47.7 143.1



#78
n-propylbenzene
Concen: 20.075 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 91 Resp: 837782
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.5





#79

2-Chlorotoluene

Concen: 20.153 ug/l

RT: 10.349 min Scan# 2894

Delta R.T. 0.003 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

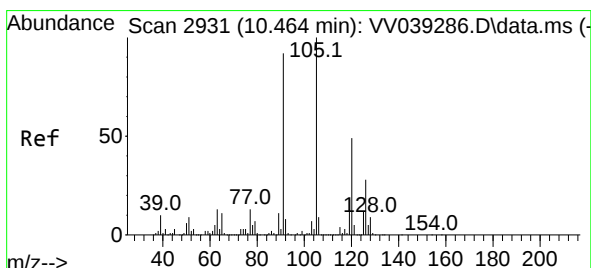
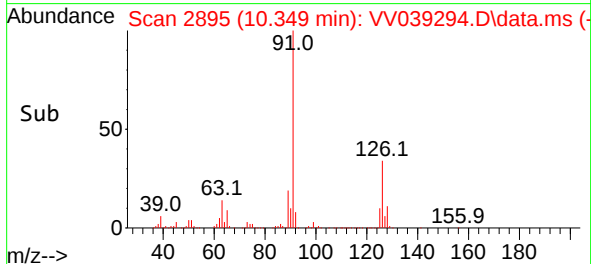
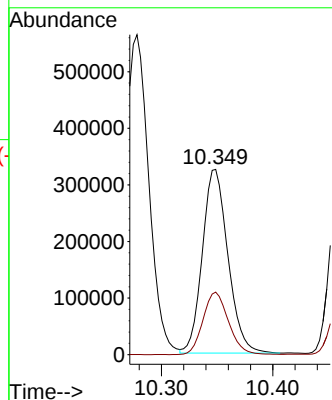
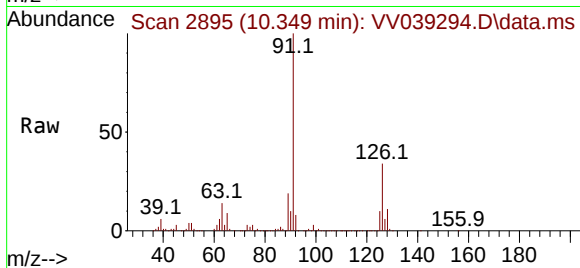
VV1021WBS01

Tgt Ion: 91 Resp: 519265

Ion Ratio Lower Upper

91 100

126 33.8 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 20.970 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV039294.D

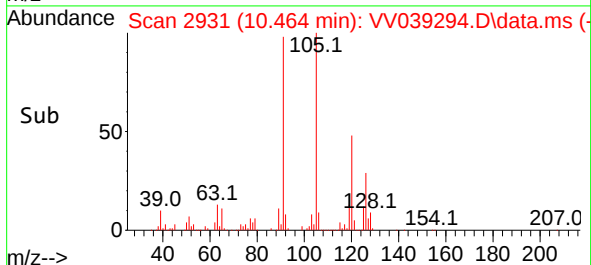
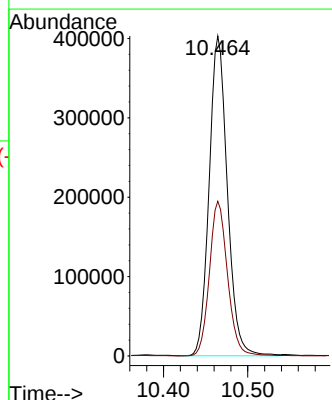
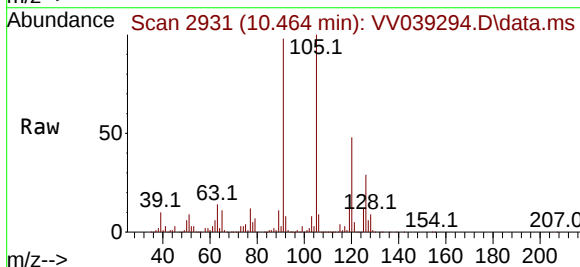
Acq: 21 Oct 2025 10:19

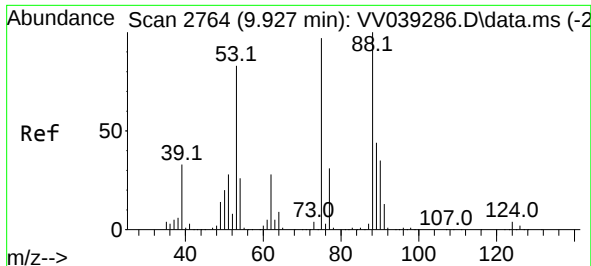
Tgt Ion: 105 Resp: 604901

Ion Ratio Lower Upper

105 100

120 48.1 24.3 73.0

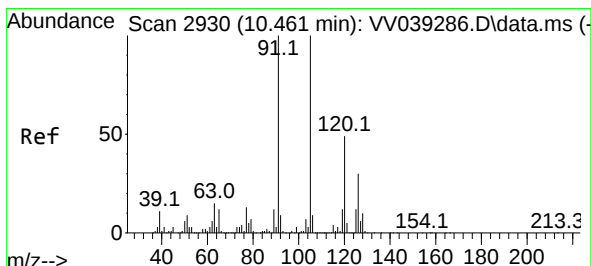
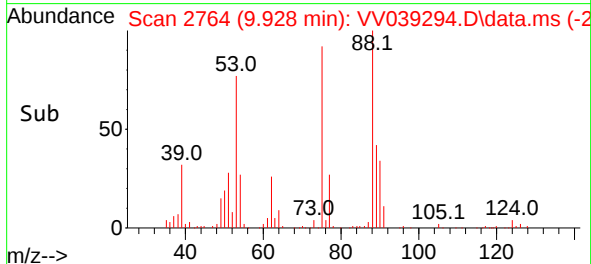
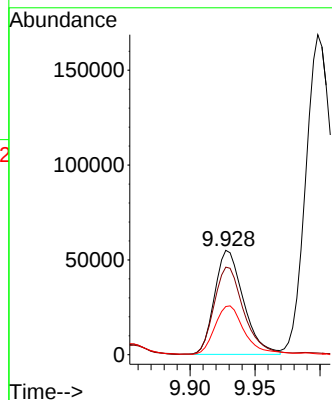
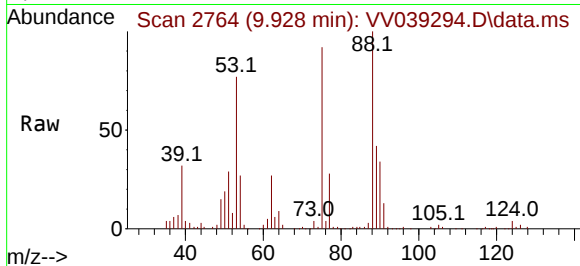




#81
trans-1,4-Dichloro-2-butene
Concen: 18.940 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

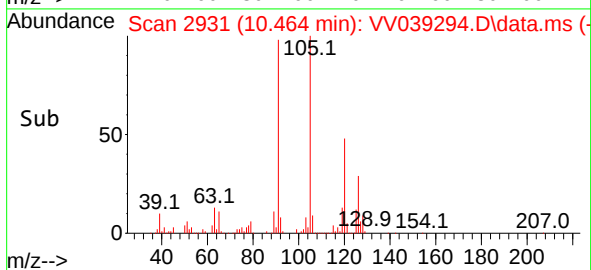
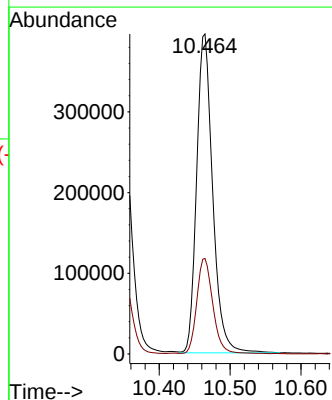
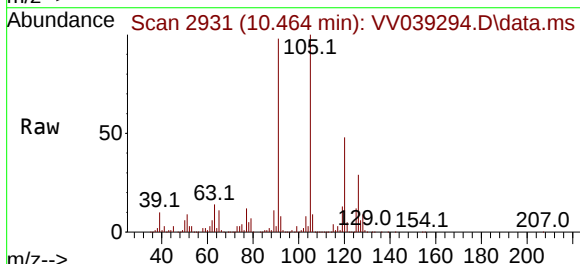
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

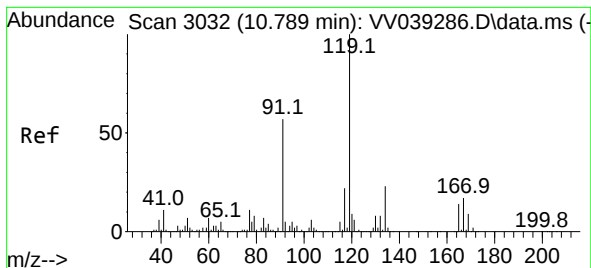
Tgt Ion: 75 Resp: 84780
Ion Ratio Lower Upper
75 100
53 85.7 69.9 104.9
89 47.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.973 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion: 91 Resp: 621142
Ion Ratio Lower Upper
91 100
126 29.3 14.8 44.4





#83

tert-Butylbenzene

Concen: 19.417 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

VV1021WBS01

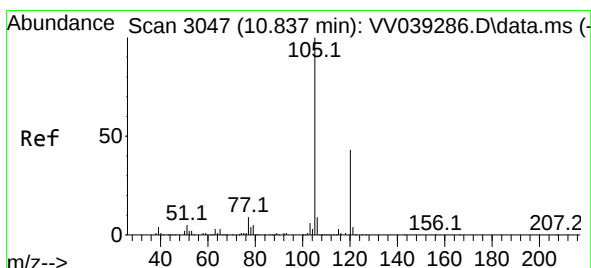
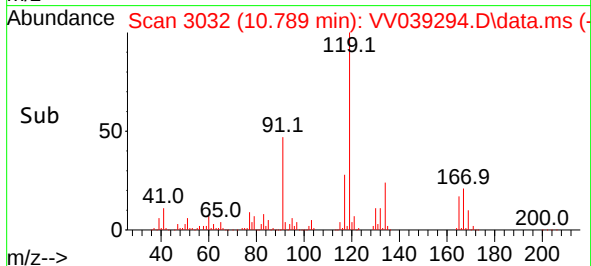
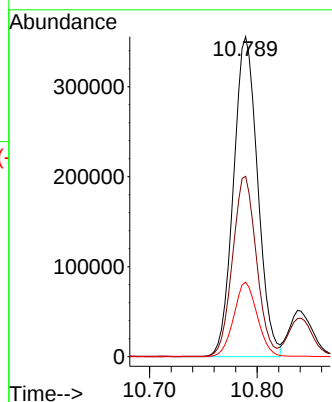
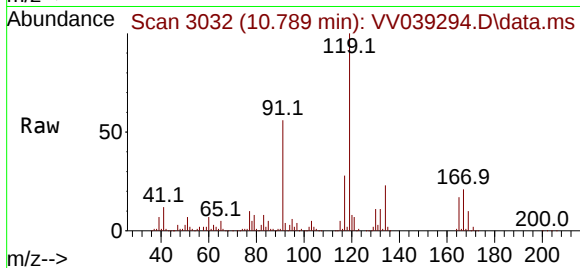
Tgt Ion:119 Resp: 556158

Ion Ratio Lower Upper

119 100

91 55.4 28.2 84.7

134 22.7 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 20.506 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039294.D

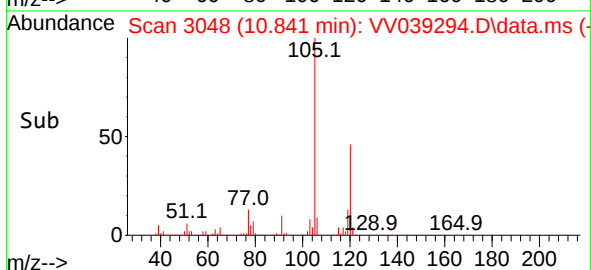
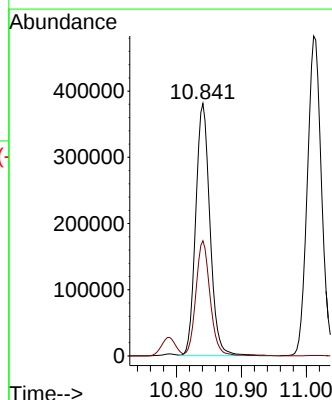
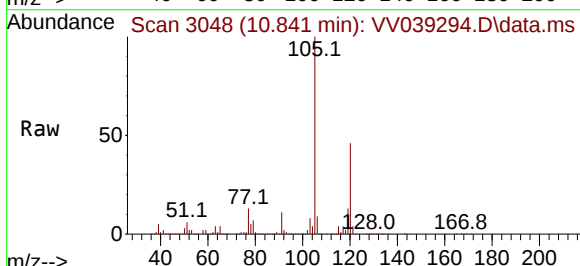
Acq: 21 Oct 2025 10:19

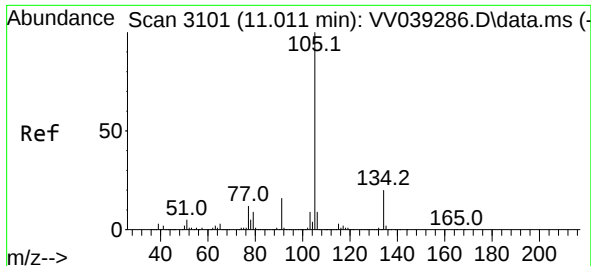
Tgt Ion:105 Resp: 582302

Ion Ratio Lower Upper

105 100

120 45.1 22.8 68.4

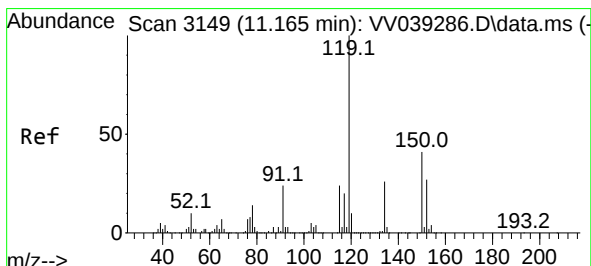
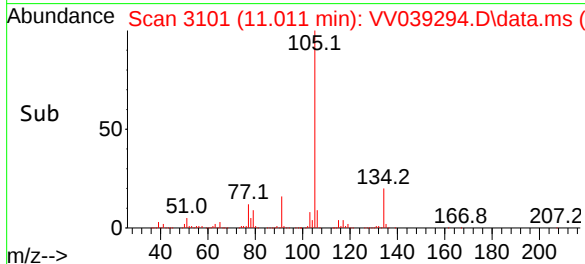
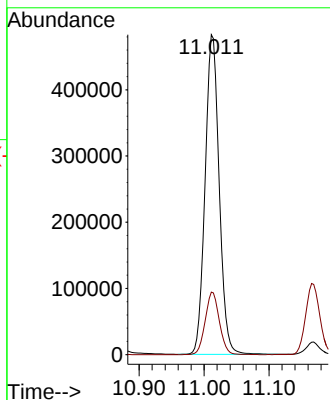
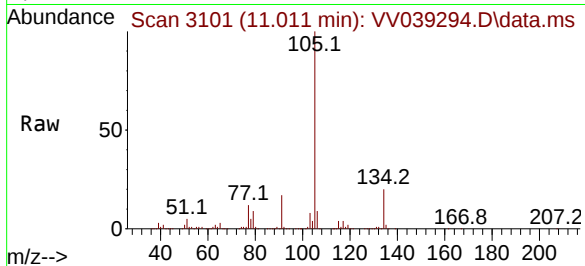




#85
 sec-Butylbenzene
 Concen: 20.121 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. 0.000 min
 Lab File: VV039294.D
 Acq: 21 Oct 2025 10:19

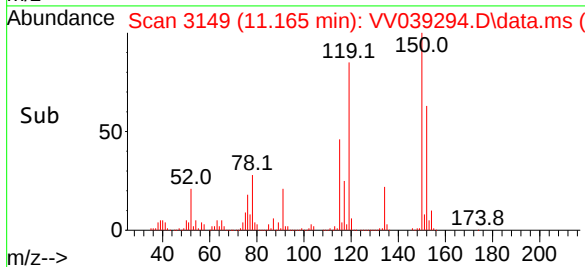
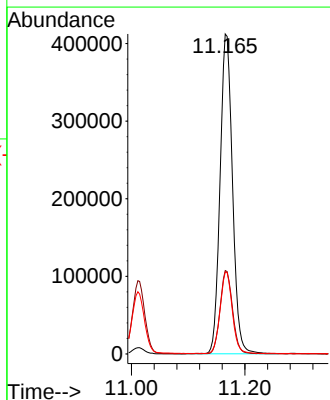
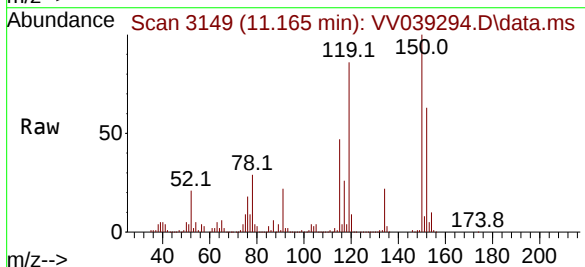
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1021WBS01

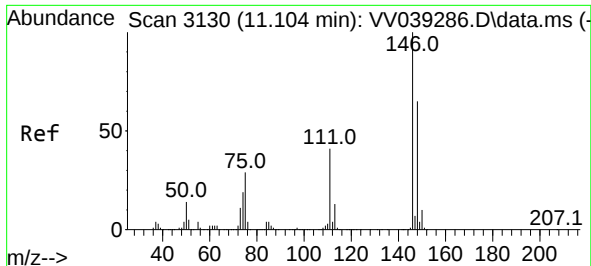
Tgt Ion:105 Resp: 728693
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.131 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VV039294.D
 Acq: 21 Oct 2025 10:19

Tgt Ion:119 Resp: 626817
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 24.9 12.2 36.4

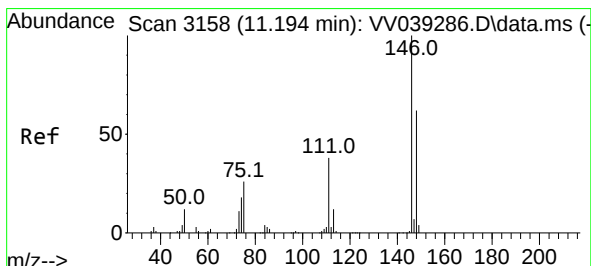
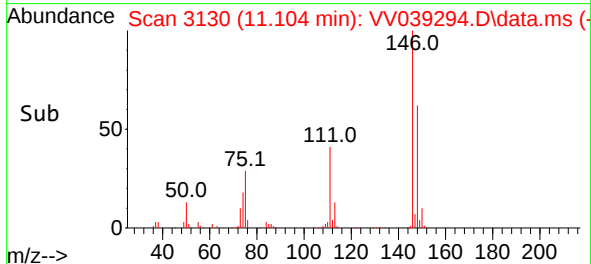
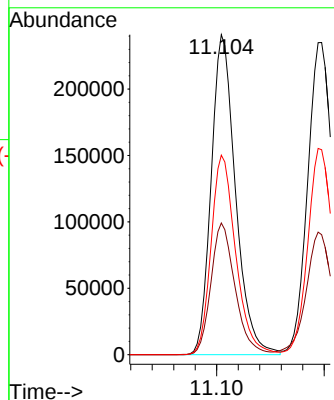
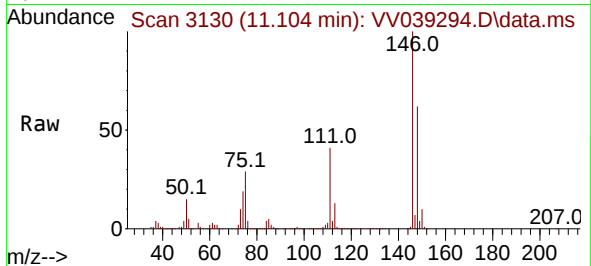




#87
1,3-Dichlorobenzene
Concen: 20.089 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

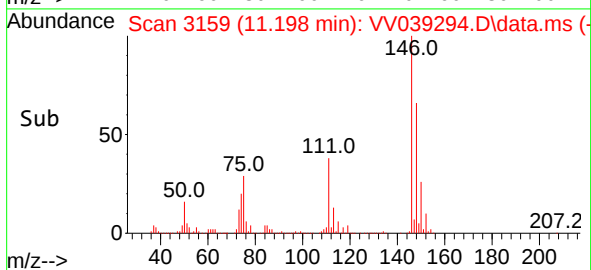
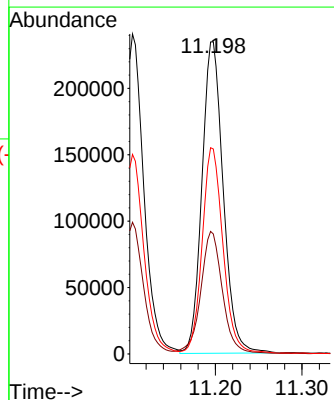
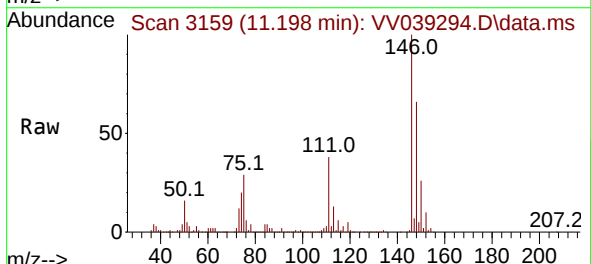
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

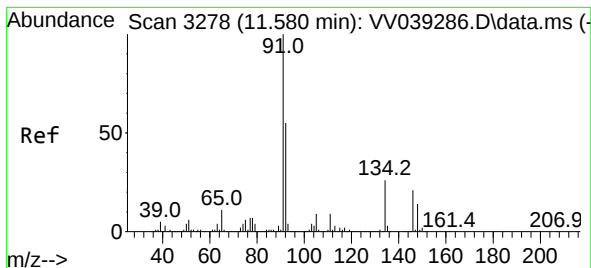
Tgt Ion:146 Resp: 378859
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.8
148 63.1 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 18.975 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion:146 Resp: 400476
Ion Ratio Lower Upper
146 100
111 39.9 19.7 59.0
148 64.7 31.5 94.5





#89

n-Butylbenzene

Concen: 19.514 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

VV1021WBS01

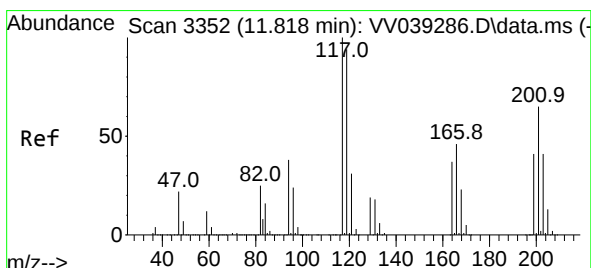
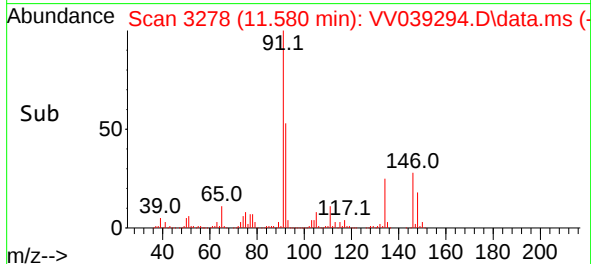
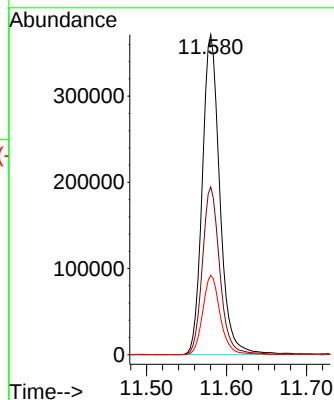
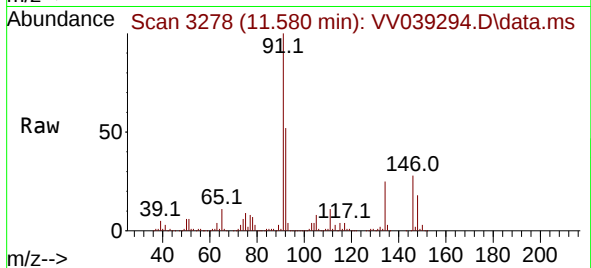
Tgt Ion: 91 Resp: 565858

Ion Ratio Lower Upper

91 100

92 52.1 26.9 80.6

134 24.8 12.6 37.8



#90

Hexachloroethane

Concen: 18.540 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. 0.000 min

Lab File: VV039294.D

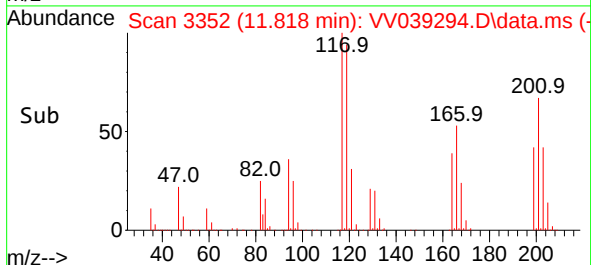
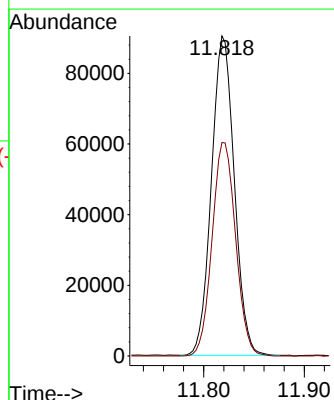
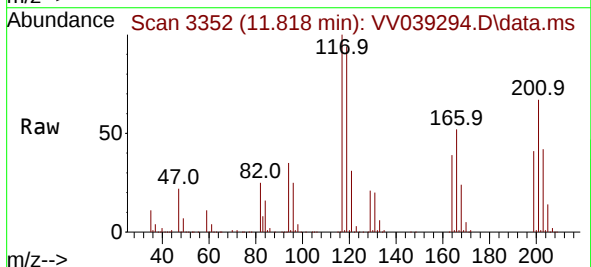
Acq: 21 Oct 2025 10:19

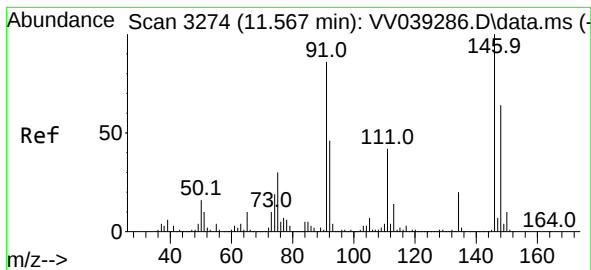
Tgt Ion: 117 Resp: 142743

Ion Ratio Lower Upper

117 100

201 68.8 33.7 101.1





#91

1,2-Dichlorobenzene

Concen: 19.141 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

VV1021WBS01

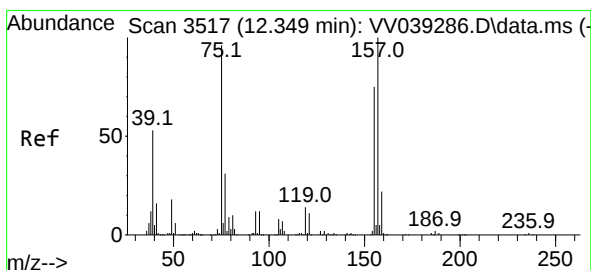
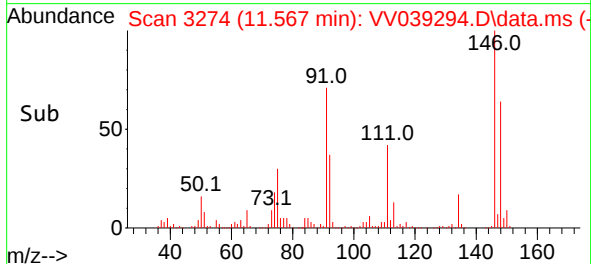
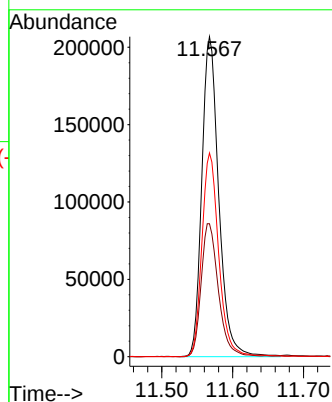
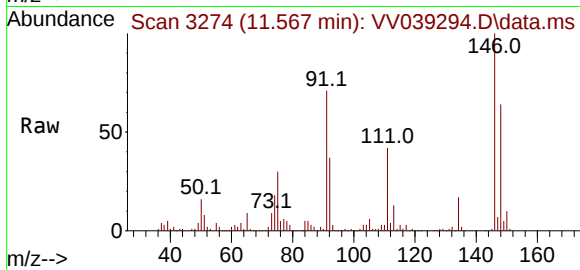
Tgt Ion:146 Resp: 343382

Ion Ratio Lower Upper

146 100

111 42.2 21.3 64.0

148 62.9 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.198 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

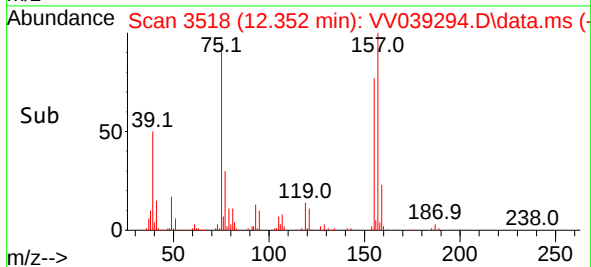
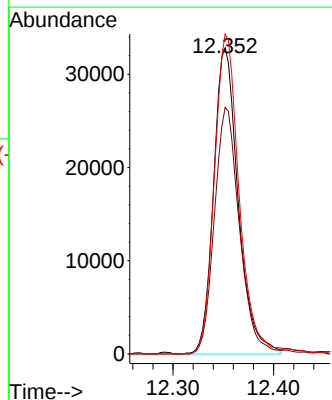
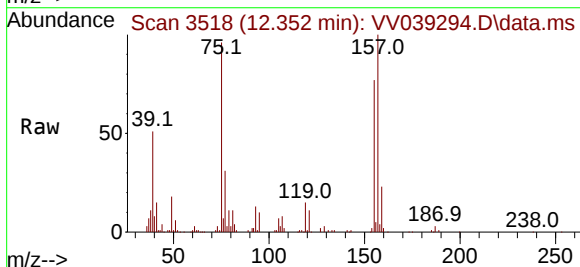
Tgt Ion: 75 Resp: 55854

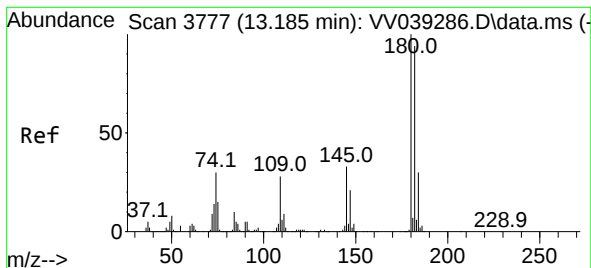
Ion Ratio Lower Upper

75 100

155 82.7 40.8 122.5

157 106.0 53.3 160.0





#93

1,2,4-Trichlorobenzene

Concen: 19.243 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

VV1021WBS01

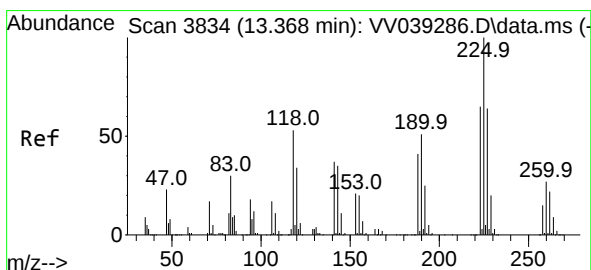
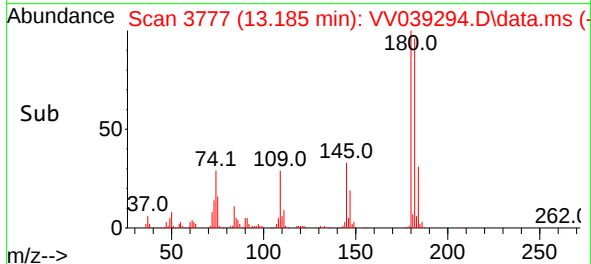
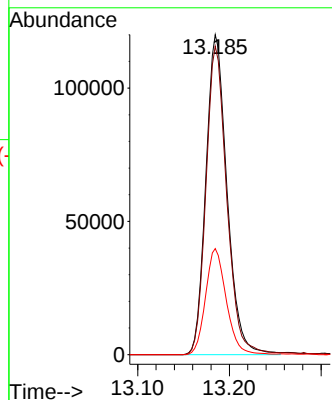
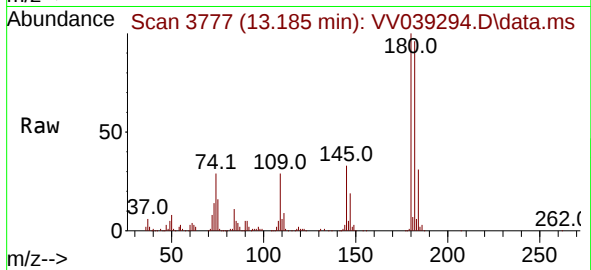
Tgt Ion:180 Resp: 192533

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.9

145 32.5 16.3 48.9



#94

Hexachlorobutadiene

Concen: 19.088 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039294.D

Acq: 21 Oct 2025 10:19

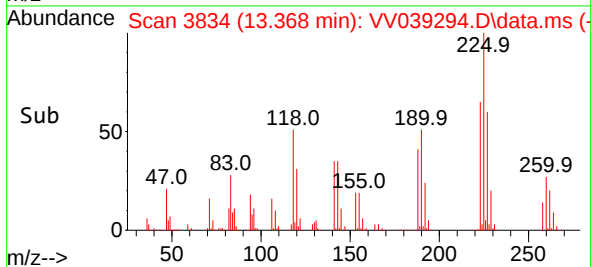
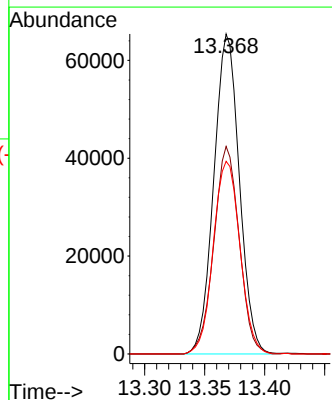
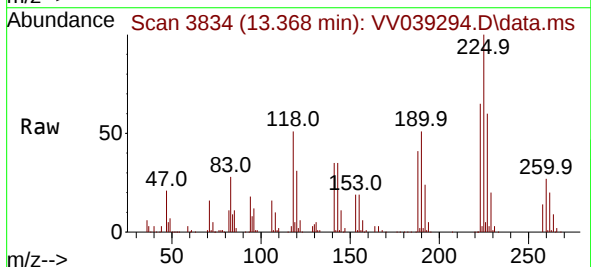
Tgt Ion:225 Resp: 96707

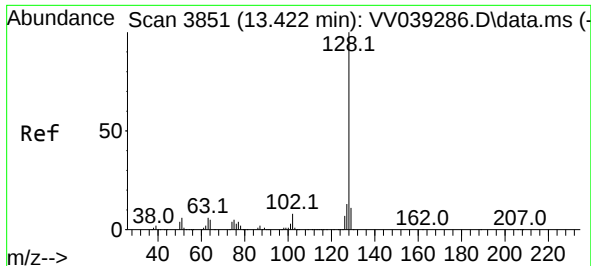
Ion Ratio Lower Upper

225 100

223 64.3 31.3 93.8

227 62.7 31.7 95.1

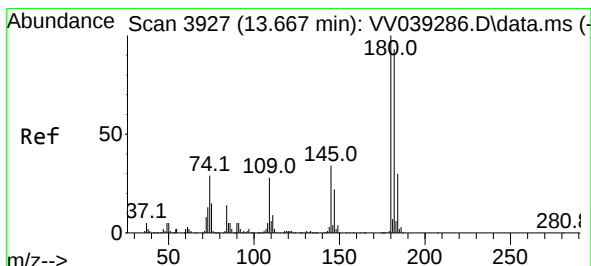
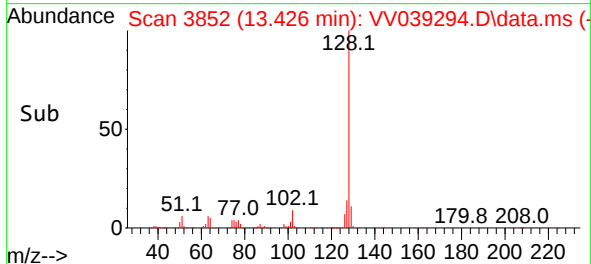
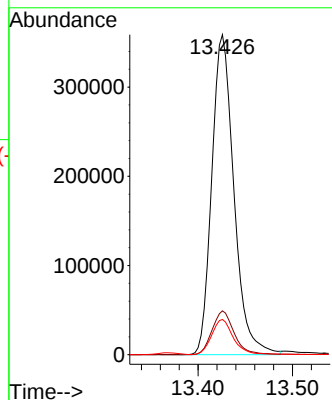
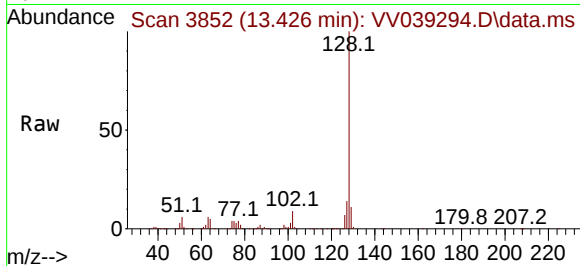




#95
Naphthalene
Concen: 17.800 ug/l
RT: 13.426 min Scan# 3851
Delta R.T. 0.003 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Instrument :
MSVOA_V
ClientSampleId :
VV1021WBS01

Tgt Ion:128 Resp: 583507
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.693 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.000 min
Lab File: VV039294.D
Acq: 21 Oct 2025 10:19

Tgt Ion:180 Resp: 204790
Ion Ratio Lower Upper
180 100
182 94.0 46.7 140.1
145 34.5 17.2 51.5

