

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
 Data File : VV039366.D
 Acq On : 12 Nov 2025 10:52
 Operator : SY/MD
 Sample : VV1112WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1112WBS01

Quant Time: Nov 14 00:18:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 00:16:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	822785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1144500	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1108849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	690732	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	519581	51.187	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 102.380%	
35) Dibromofluoromethane	4.500	113	442653	50.426	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 100.860%	
50) Toluene-d8	7.233	98	1457920	50.259	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	9.998	95	574197	51.514	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 103.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	78561	15.994	ug/l	97
3) Chloromethane	1.230	50	78173	17.056	ug/l	100
4) Vinyl Chloride	1.298	62	96788	17.114	ug/l	92
5) Bromomethane	1.497	94	64929	19.283	ug/l	99
6) Chloroethane	1.561	64	74191	17.768	ug/l	95
7) Trichlorofluoromethane	1.725	101	191994	16.670	ug/l	98
8) Diethyl Ether	1.918	74	79760	18.159	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.082	101	127058	16.779	ug/l	97
10) Methyl Iodide	2.198	142	90339	19.372	ug/l	99
11) Tert butyl alcohol	2.561	59	127664	117.402	ug/l	97
12) 1,1-Dichloroethene	2.082	96	98656	16.472	ug/l	99
13) Acrolein	2.011	56	10785	105.714	ug/l	91
14) Allyl chloride	2.359	41	198165	18.568	ug/l	96
15) Acrylonitrile	2.674	53	413475	97.967	ug/l	100
16) Acetone	2.117	43	482228	89.791	ug/l	100
17) Carbon Disulfide	2.253	76	152266	16.083	ug/l	99
18) Methyl Acetate	2.378	43	325171	22.617	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	432821	19.219	ug/l	97
20) Methylene Chloride	2.458	84	136280	16.435	ug/l	98
21) trans-1,2-Dichloroethene	2.706	96	104588	17.606	ug/l	98
22) Diisopropyl ether	3.211	45	466055	20.100	ug/l #	77
23) Vinyl Acetate	3.191	43	1552288	94.786	ug/l	98
24) 1,1-Dichloroethane	3.121	63	259189	18.384	ug/l	98
25) 2-Butanone	3.863	43	538679	96.131	ug/l	98
26) 2,2-Dichloropropane	3.809	77	225326	19.001	ug/l	98
27) cis-1,2-Dichloroethene	3.825	96	149398	18.518	ug/l	98
28) Bromochloromethane	4.146	49	139491	22.622	ug/l #	97
29) Tetrahydrofuran	4.233	42	320014	102.021	ug/l	95
30) Chloroform	4.278	83	287067	18.435	ug/l	99
31) Cyclohexane	4.584	56	151931	17.216	ug/l	97
32) 1,1,1-Trichloroethane	4.513	97	240987	18.505	ug/l	99
36) 1,1-Dichloropropene	4.748	75	136047	17.994	ug/l	99
37) Ethyl Acetate	3.979	43	186845	16.086	ug/l	98
38) Carbon Tetrachloride	4.735	117	202967	18.072	ug/l	100
39) Methylcyclohexane	6.047	83	138432	17.197	ug/l	96
40) Benzene	5.011	78	491652	18.595	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	76317	18.399	ug/l	89
42) 1,2-Dichloroethane	5.040	62	195996	19.022	ug/l	99
43) Isopropyl Acetate	5.191	43	296205	19.143	ug/l	99
44) Trichloroethene	5.834	130	131315	18.303	ug/l	94
45) 1,2-Dichloropropane	6.088	63	137290	19.191	ug/l	97
46) Dibromomethane	6.227	93	106463	18.506	ug/l	98
47) Bromodichloromethane	6.426	83	229278	18.403	ug/l	99
48) Methyl methacrylate	6.297	41	131426	18.237	ug/l	99
49) 1,4-Dioxane	6.291	88	37950	341.900	ug/l	94
51) 4-Methyl-2-Pentanone	7.143	43	1143280	108.089	ug/l	98
52) Toluene	7.307	92	322171	19.445	ug/l	99
53) t-1,3-Dichloropropene	7.577	75	206816	19.294	ug/l	97
54) cis-1,3-Dichloropropene	6.950	75	227170	19.961	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	155875	18.581	ug/l	99
56) Ethyl methacrylate	7.715	69	190759	18.834	ug/l	99
57) 1,3-Dichloropropane	7.934	76	252674	19.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	576127	200.022	ug/l	100
59) 2-Hexanone	8.063	43	832143	110.079	ug/l	97
60) Dibromochloromethane	8.165	129	200914	18.691	ug/l	100
61) 1,2-Dibromoethane	8.275	107	160178	19.589	ug/l	97
64) Tetrachloroethene	7.895	164	119647	17.459	ug/l	99
65) Chlorobenzene	8.802	112	401766	18.201	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	170469	18.508	ug/l	97
67) Ethyl Benzene	8.937	91	588504	18.432	ug/l	99
68) m/p-Xylenes	9.063	106	461819	38.301	ug/l	99
69) o-Xylene	9.468	106	214735	18.824	ug/l	98
70) Styrene	9.487	104	402840	19.753	ug/l	99
71) Bromoform	9.654	173	158830	18.577	ug/l #	99
73) Isopropylbenzene	9.854	105	633724	18.789	ug/l	100
74) N-amyl acetate	9.725	43	250673	18.967	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	266090	18.113	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	194048	18.099	ug/l	95
77) Bromobenzene	10.140	156	190688	18.317	ug/l	99
78) n-propylbenzene	10.275	91	743720	19.248	ug/l	99
79) 2-Chlorotoluene	10.345	91	463481	18.740	ug/l	97
80) 1,3,5-Trimethylbenzene	10.464	105	539164	19.552	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	76982	19.248	ug/l	98
82) 4-Chlorotoluene	10.461	91	555645	20.095	ug/l	99
83) tert-Butylbenzene	10.789	119	560071	18.477	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	526291	19.593	ug/l	99
85) sec-Butylbenzene	11.011	105	689675	19.188	ug/l	99
86) p-Isopropyltoluene	11.165	119	607356	19.583	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	372847	18.673	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	387591	17.803	ug/l	98
89) n-Butylbenzene	11.580	91	522816	18.904	ug/l	98
90) Hexachloroethane	11.818	117	133444	17.264	ug/l	95
91) 1,2-Dichlorobenzene	11.567	146	352691	18.049	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	52593	17.415	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	234370	18.904	ug/l	98
94) Hexachlorobutadiene	13.368	225	123693	18.705	ug/l	97
95) Naphthalene	13.426	128	620813	18.684	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	237403	18.561	ug/l	99

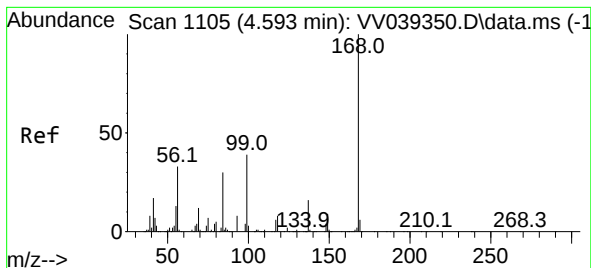
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Quant Title : SW846 8260
QLast Update : Fri Nov 14 00:16:53 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039366.D

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Instrument :

MSVOA_V

ClientSampleId :

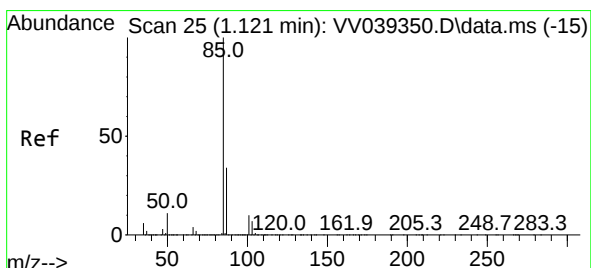
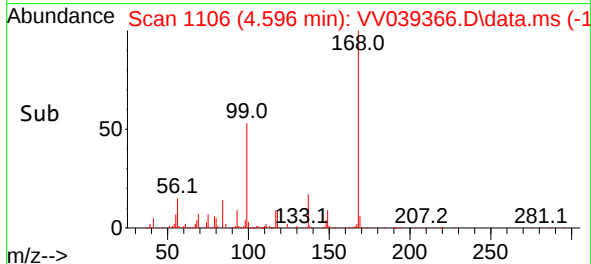
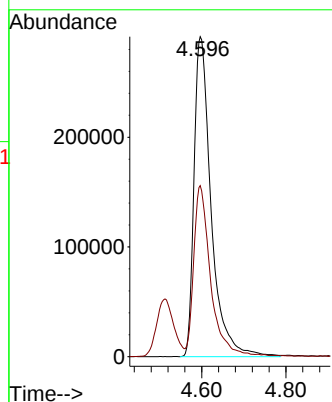
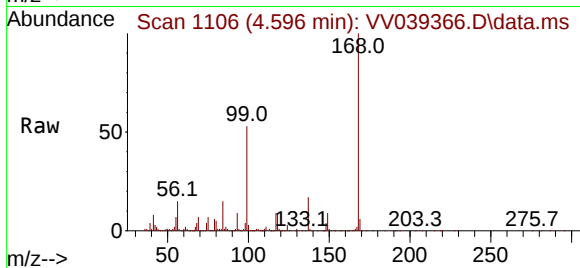
VV1112WBS01

Tgt Ion:168 Resp: 822785

Ion Ratio Lower Upper

168 100

99 53.2 41.2 61.8



#2

Dichlorodifluoromethane

Concen: 15.994 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039366.D

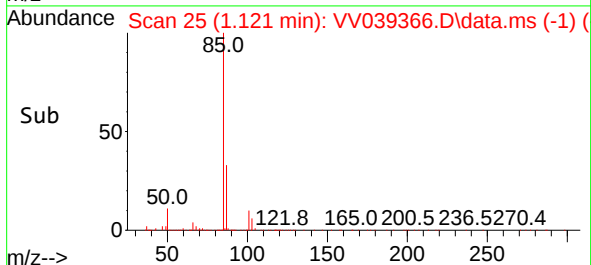
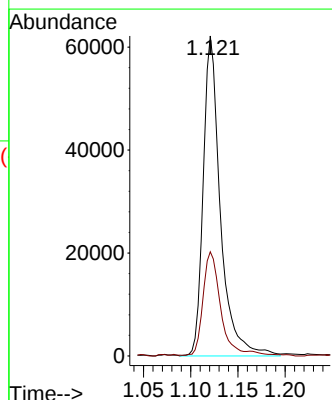
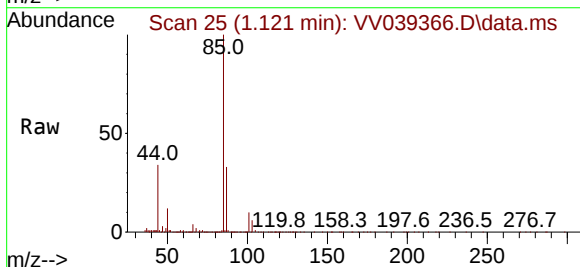
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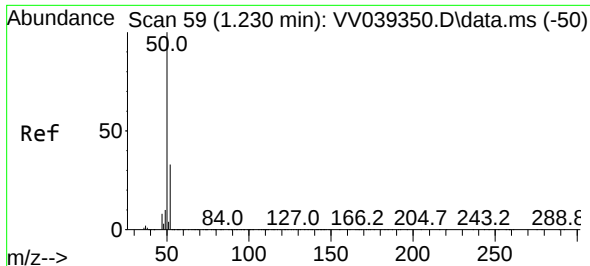
Tgt Ion: 85 Resp: 78561

Ion Ratio Lower Upper

85 100

87 32.3 16.9 50.7

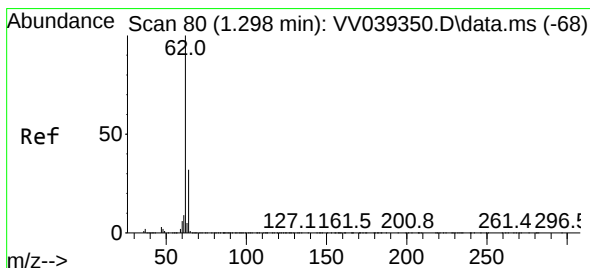
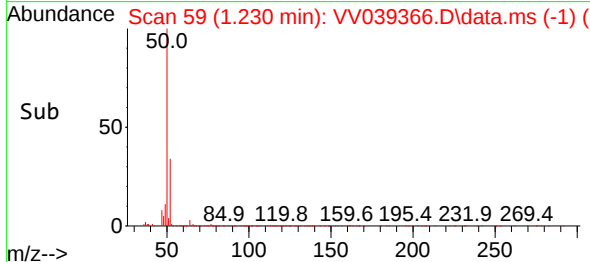
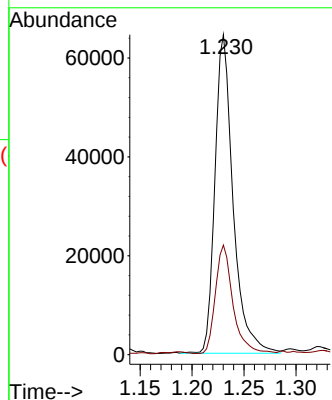
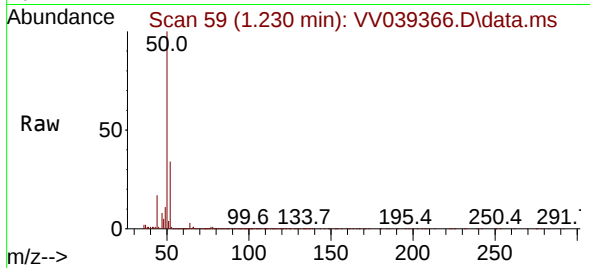




#3
Chloromethane
Concen: 17.056 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039366.D
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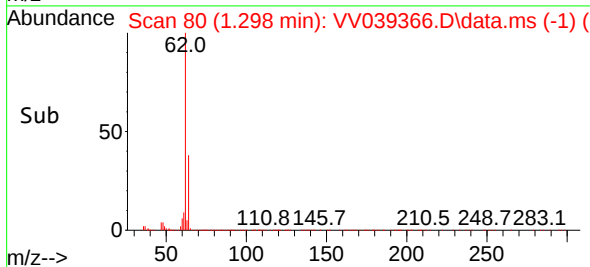
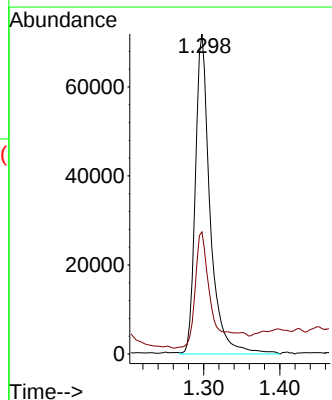
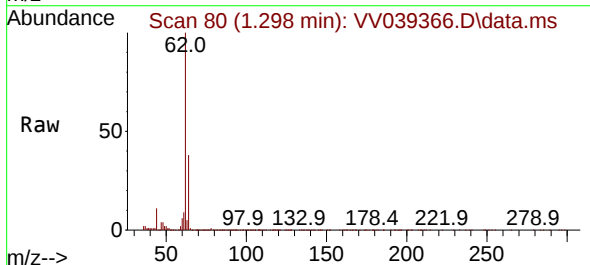
Instrument :
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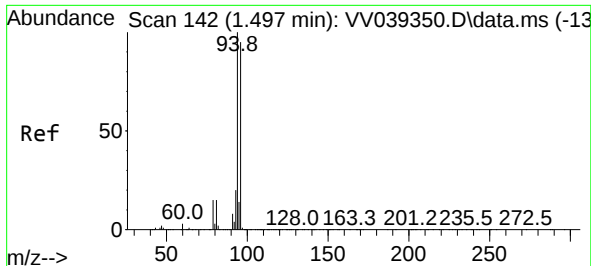
Tgt Ion: 50 Resp: 78173
Ion Ratio Lower Upper
50 100
52 33.3 26.6 39.8



#4
Vinyl Chloride
Concen: 17.114 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 62 Resp: 96788
Ion Ratio Lower Upper
62 100
64 36.1 25.3 37.9

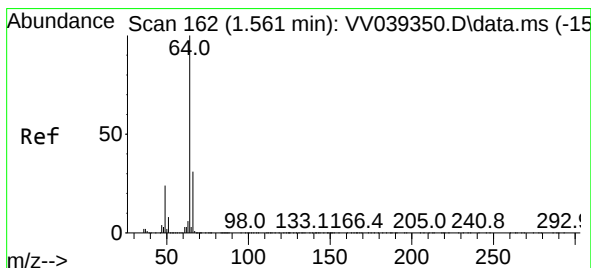
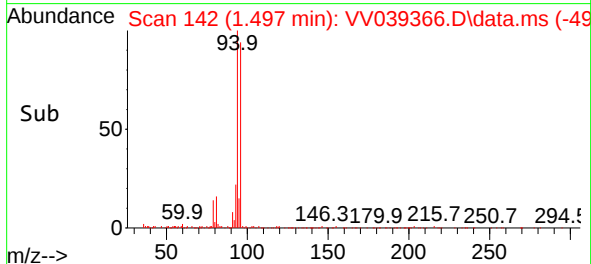
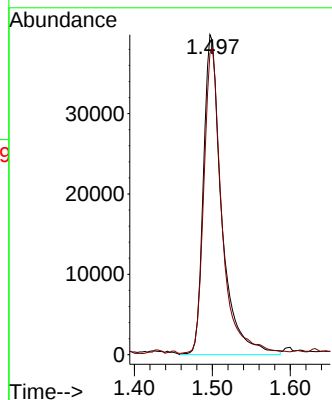
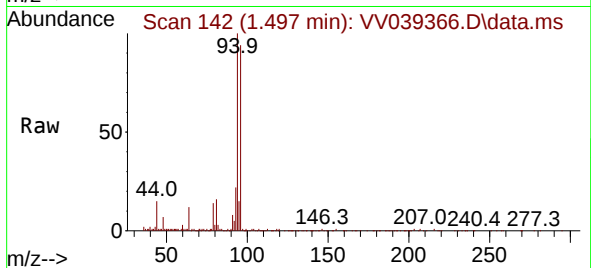




#5
Bromomethane
Concen: 19.283 ug/l
RT: 1.497 min Scan# 142
Delta R.T. 0.000 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

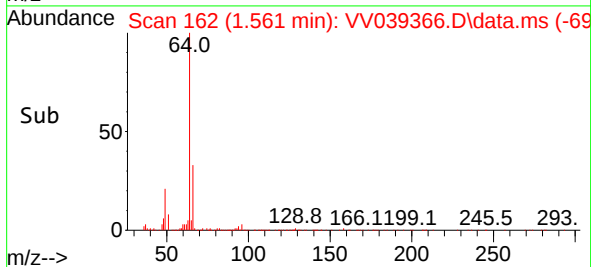
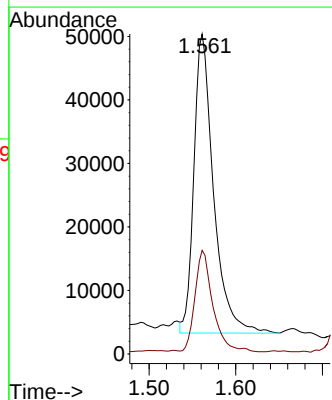
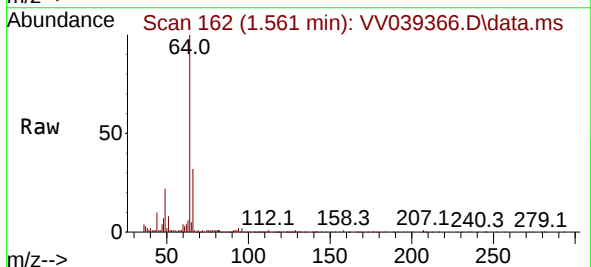
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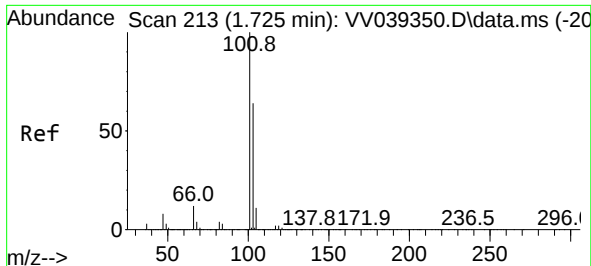
Tgt Ion: 94 Resp: 64929
Ion Ratio Lower Upper
94 100
96 93.9 75.6 113.4



#6
Chloroethane
Concen: 17.768 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.000 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 64 Resp: 74191
Ion Ratio Lower Upper
64 100
66 33.7 24.7 37.1

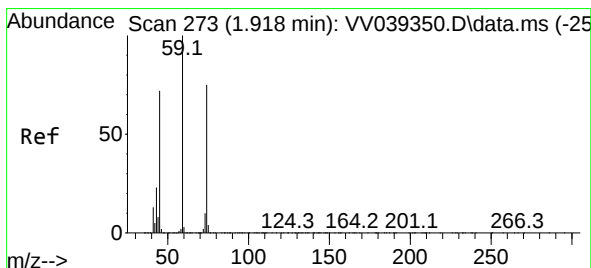
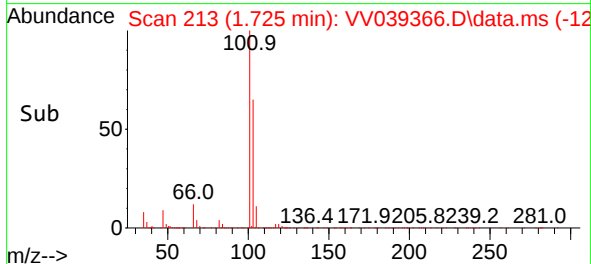
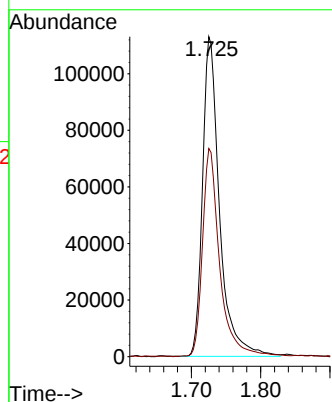
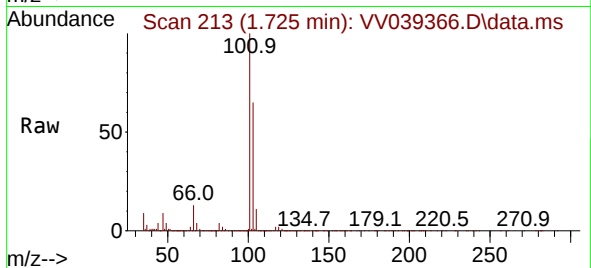




#7
Trichlorofluoromethane
Concen: 16.670 ug/l
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

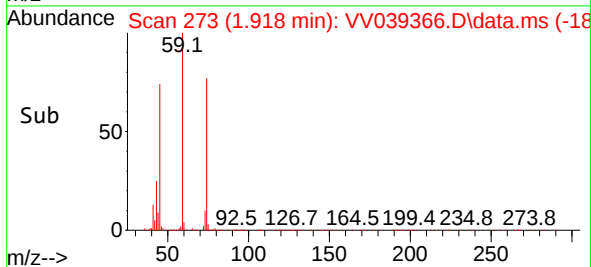
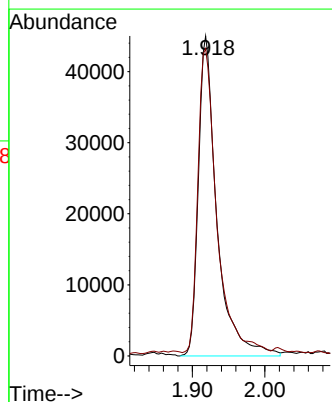
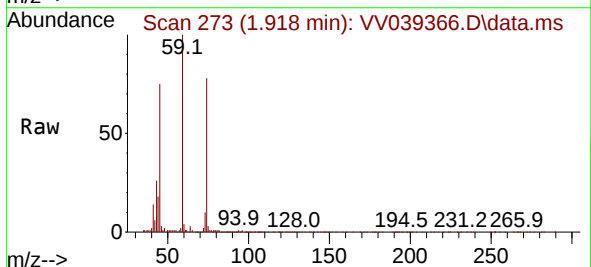
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

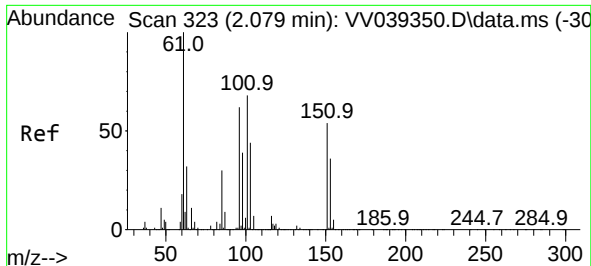
Tgt Ion:101 Resp: 191994
Ion Ratio Lower Upper
101 100
103 65.0 50.9 76.3



#8
Diethyl Ether
Concen: 18.159 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 74 Resp: 79760
Ion Ratio Lower Upper
74 100
45 96.6 50.6 151.8

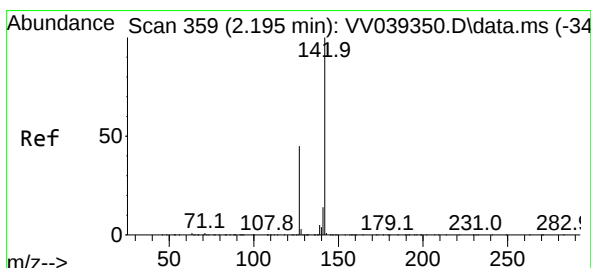
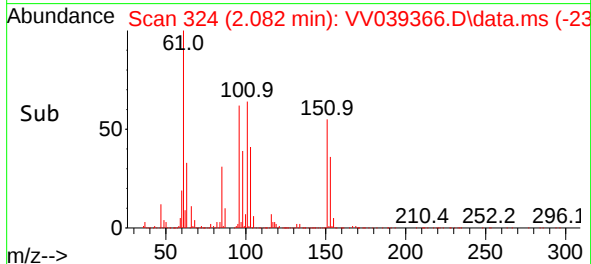
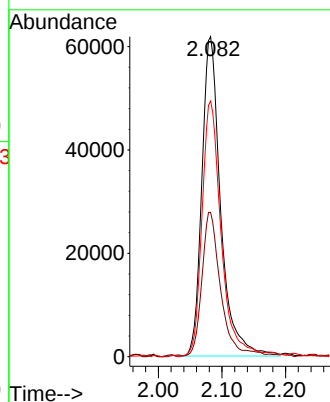
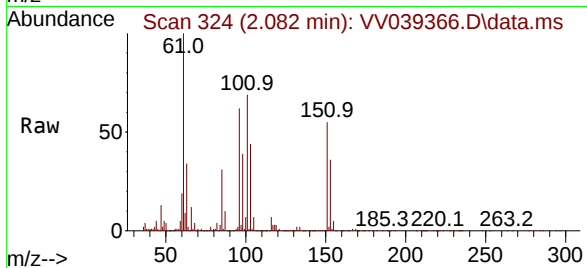




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.779 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039366.D
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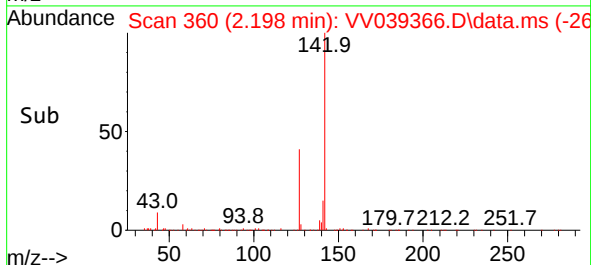
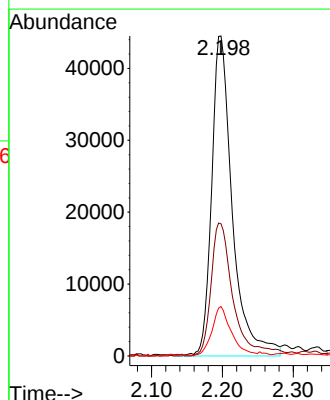
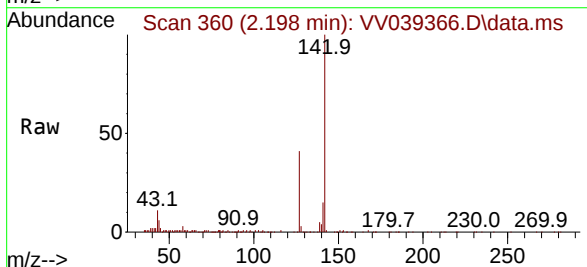
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

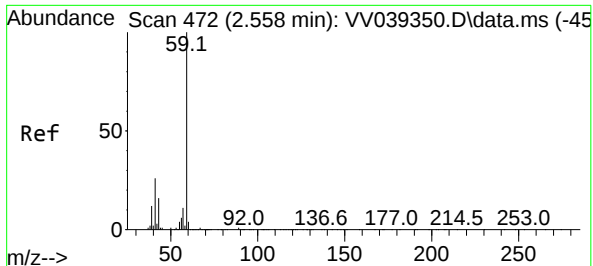
Tgt Ion:101 Resp: 127058
Ion Ratio Lower Upper
101 100
85 44.3 33.5 50.3
151 81.4 63.6 95.4



#10
Methyl Iodide
Concen: 19.372 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion:142 Resp: 90339
Ion Ratio Lower Upper
142 100
127 44.4 35.1 52.7
141 14.5 11.9 17.9

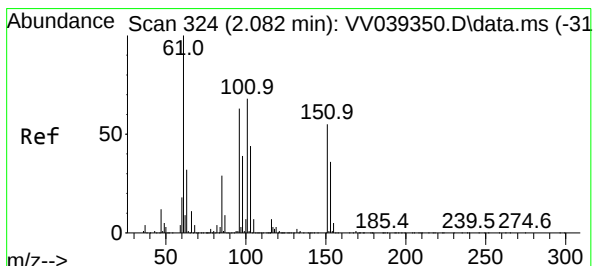
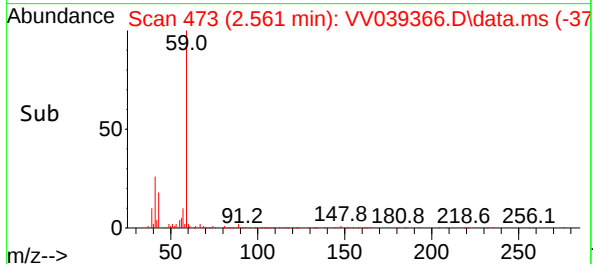
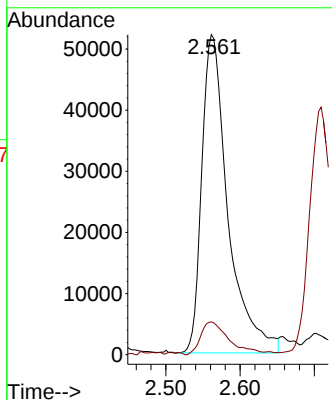
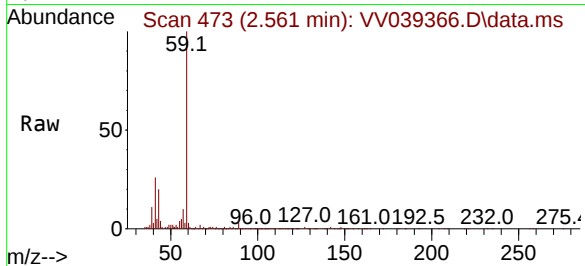




#11
Tert butyl alcohol
Concen: 117.402 ug/l
RT: 2.561 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

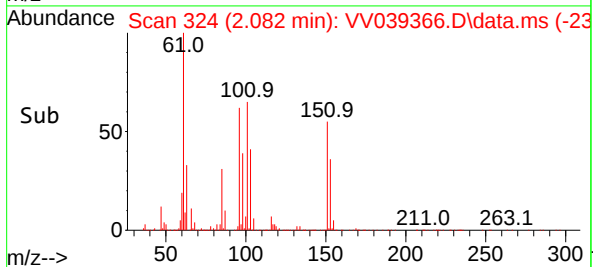
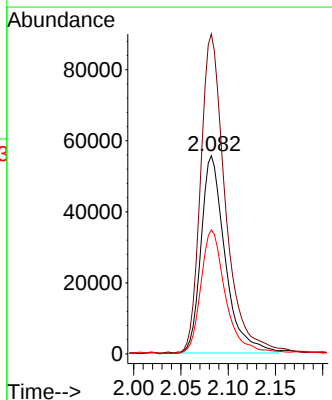
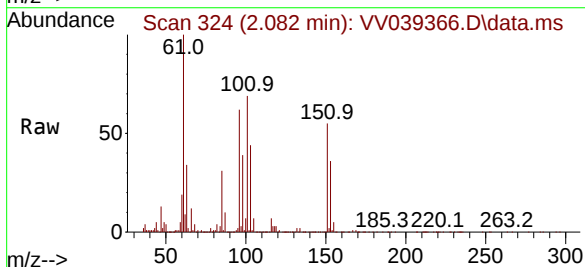
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

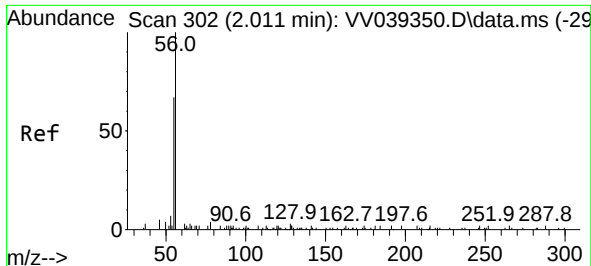
Tgt Ion: 59 Resp: 127664
Ion Ratio Lower Upper
59 100
57 11.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 16.472 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 96 Resp: 98656
Ion Ratio Lower Upper
96 100
61 161.2 127.8 191.6
98 62.4 50.2 75.2

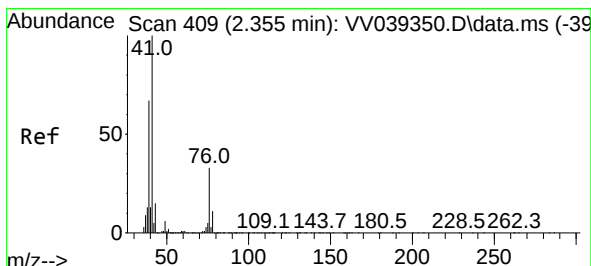
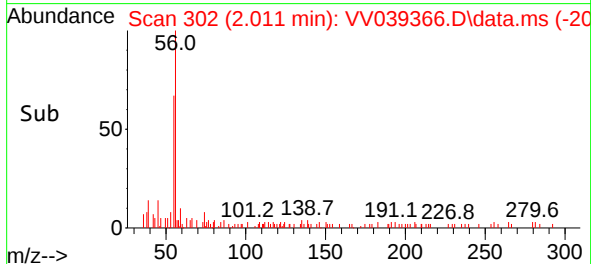
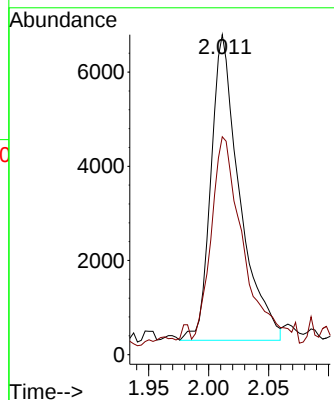
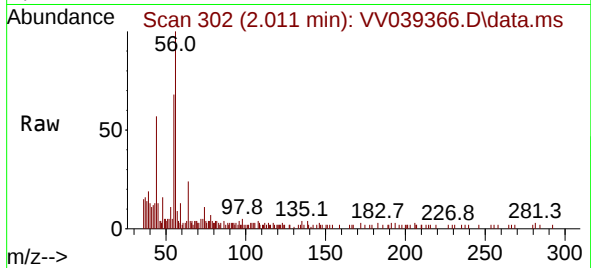




#13
Acrolein
Concen: 105.714 ug/l
RT: 2.011 min Scan# 302
Delta R.T. 0.000 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

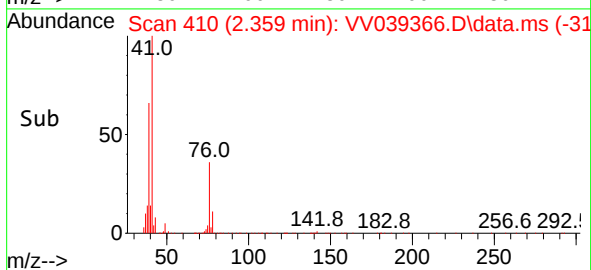
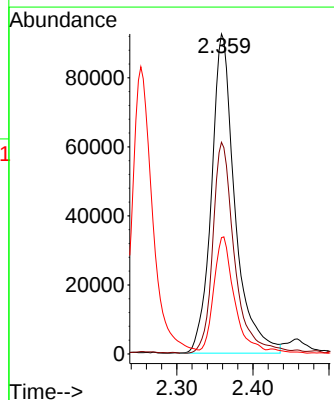
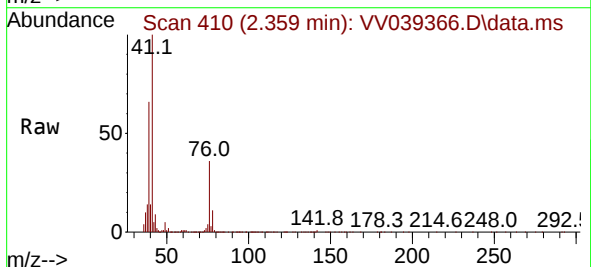
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

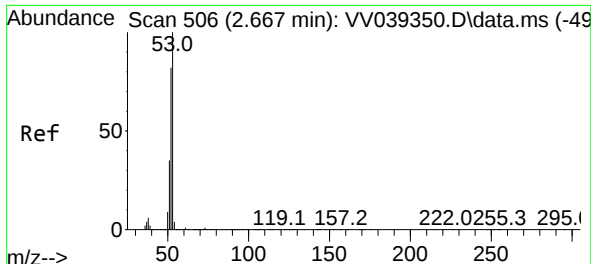
Tgt Ion: 56 Resp: 10785
Ion Ratio Lower Upper
56 100
55 76.4 55.2 82.8



#14
Allyl chloride
Concen: 18.568 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 41 Resp: 198165
Ion Ratio Lower Upper
41 100
39 61.1 50.7 76.1
76 30.0 27.0 40.6

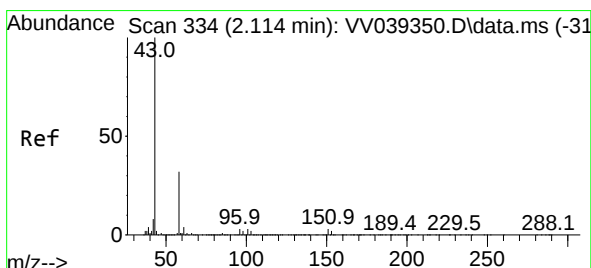
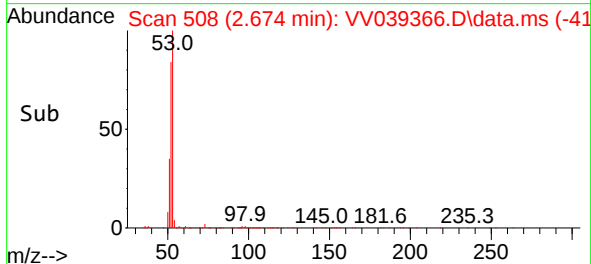
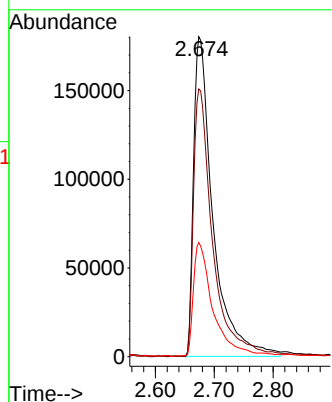
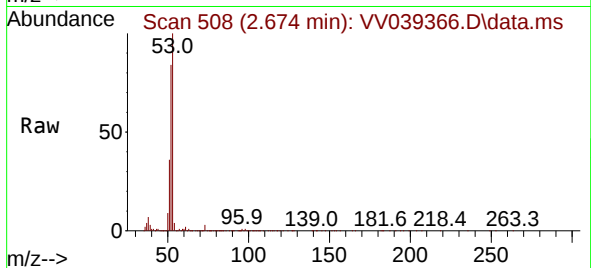




#15
Acrylonitrile
Concen: 97.967 ug/l
RT: 2.674 min Scan# 506
Delta R.T. 0.006 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

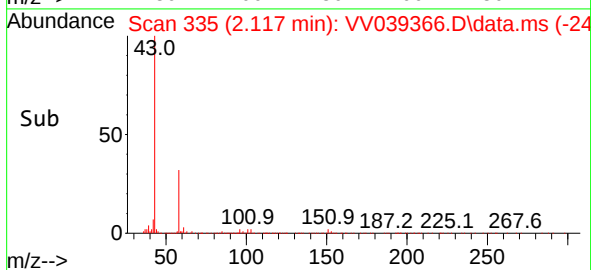
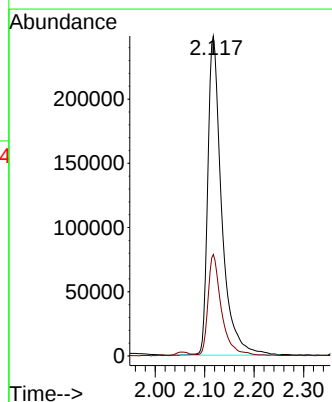
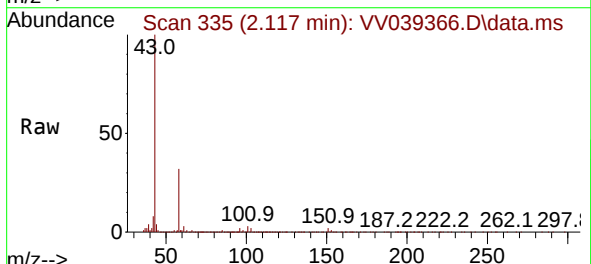
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

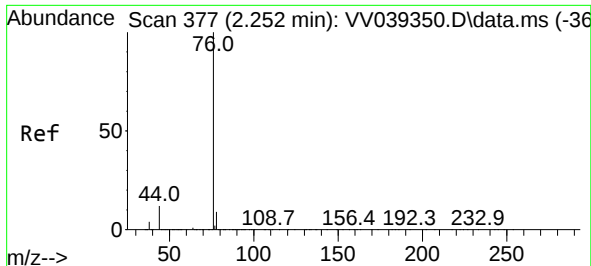
Tgt Ion: 53 Resp: 413475
Ion Ratio Lower Upper
53 100
52 81.6 65.2 97.8
51 35.5 28.4 42.6



#16
Acetone
Concen: 89.791 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 43 Resp: 482228
Ion Ratio Lower Upper
43 100
58 31.6 25.5 38.3

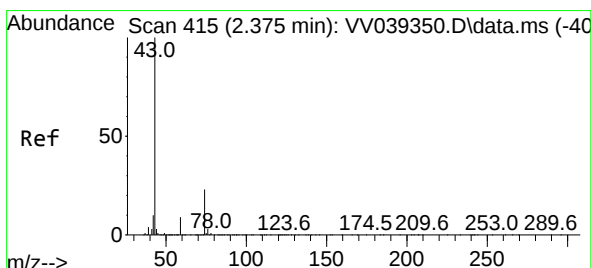
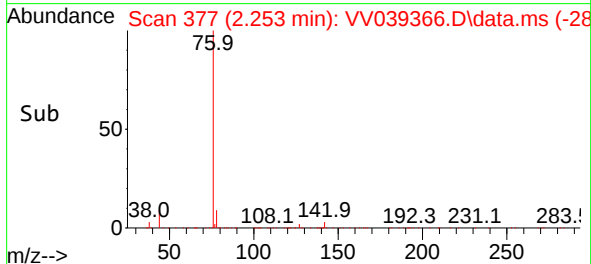
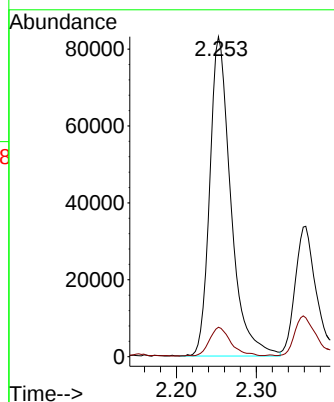
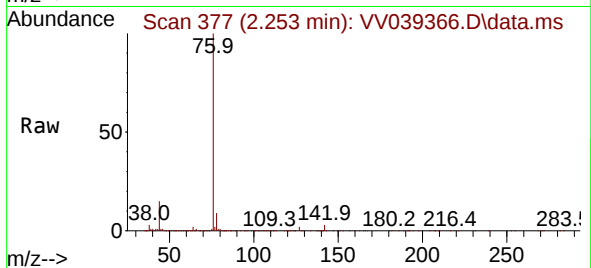




#17
Carbon Disulfide
Concen: 16.083 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

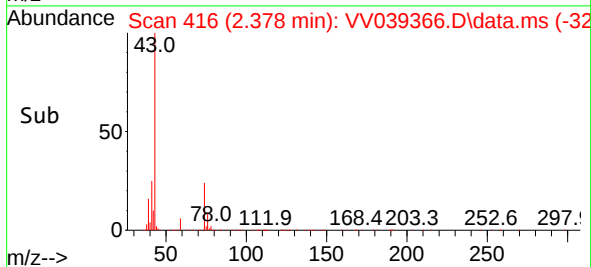
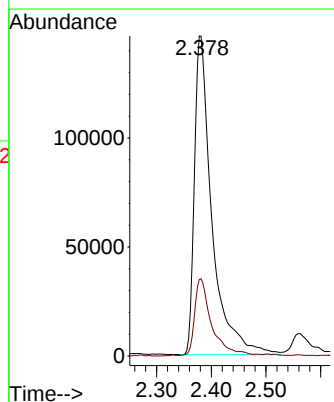
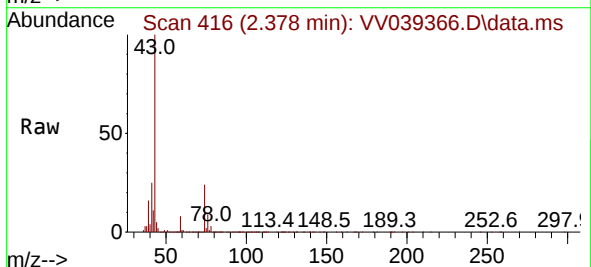
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

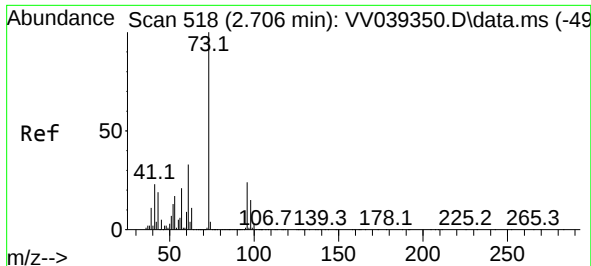
Tgt Ion: 76 Resp: 152266
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 22.617 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 43 Resp: 325171
Ion Ratio Lower Upper
43 100
74 23.1 18.9 28.3

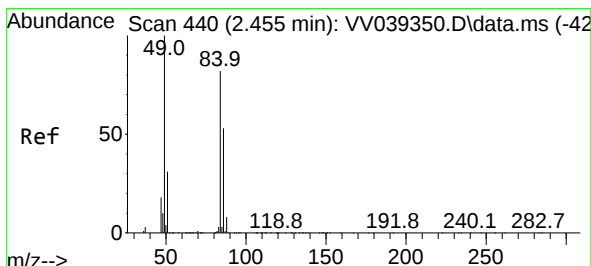
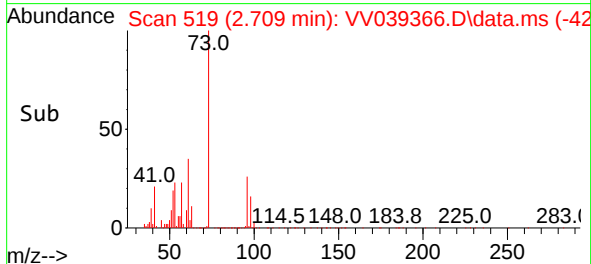
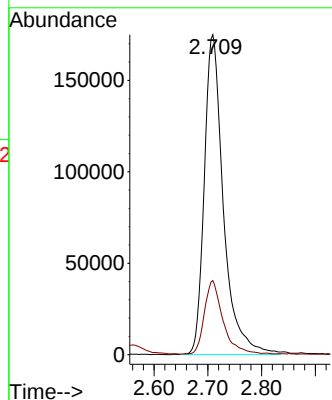
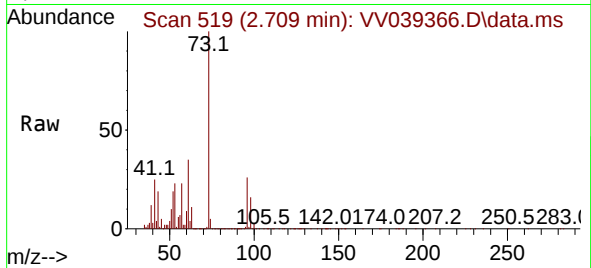




#19
Methyl tert-butyl Ether
Concen: 19.219 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

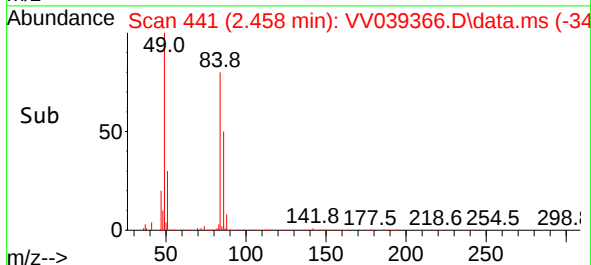
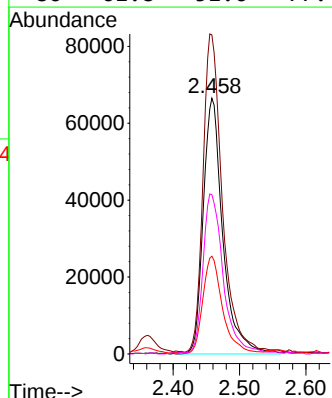
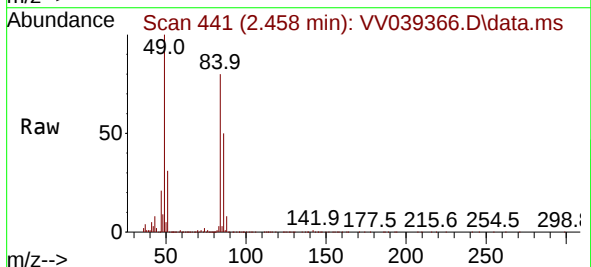
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

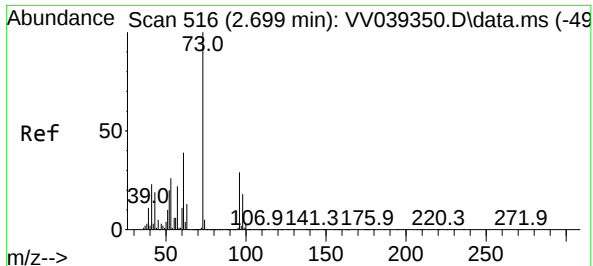
Tgt Ion: 73 Resp: 432821
Ion Ratio Lower Upper
73 100
57 22.8 17.0 25.6



#20
Methylene Chloride
Concen: 16.435 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 84 Resp: 136280
Ion Ratio Lower Upper
84 100
49 123.9 97.8 146.8
51 37.7 30.2 45.4
86 61.8 51.6 77.4

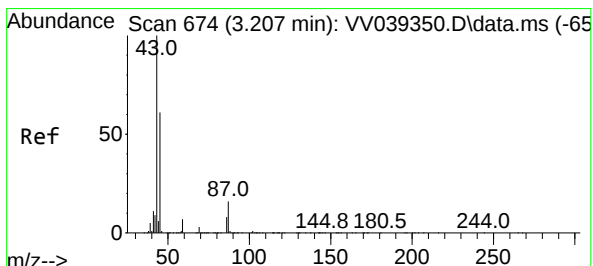
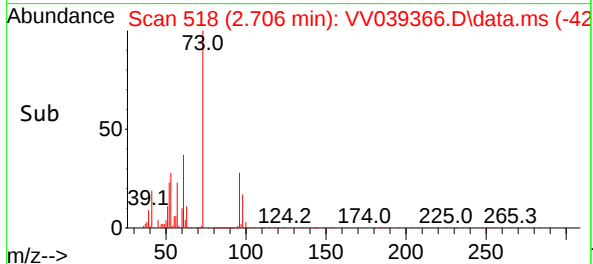
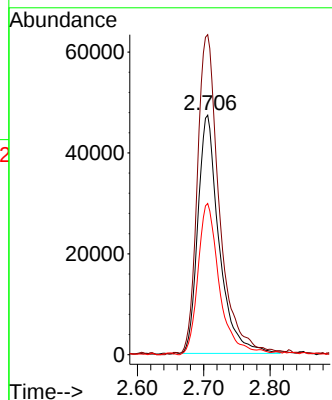
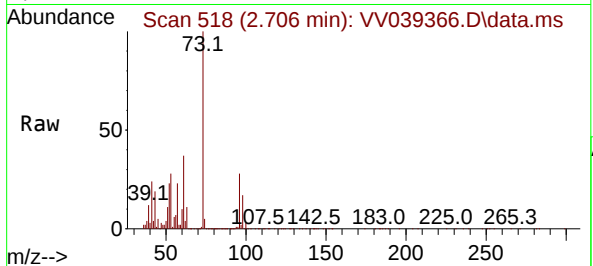




#21
trans-1,2-Dichloroethene
Concen: 17.606 ug/l
RT: 2.706 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

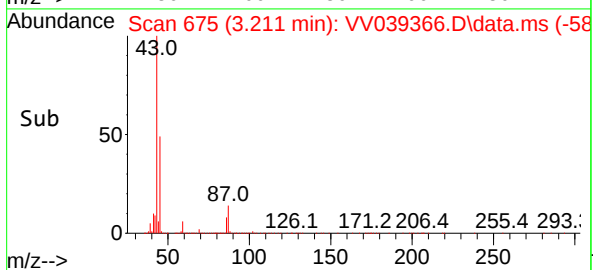
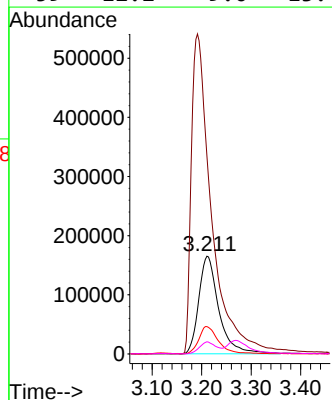
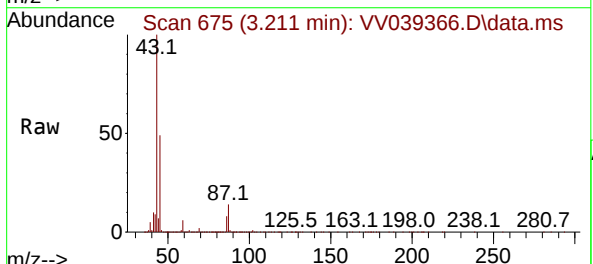
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

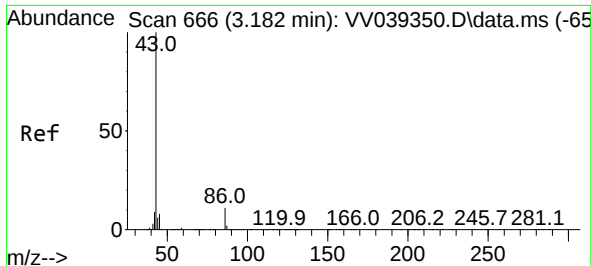
Tgt Ion: 96 Resp: 104588
Ion Ratio Lower Upper
96 100
61 133.8 108.9 163.3
98 63.5 51.7 77.5



#22
Diisopropyl ether
Concen: 20.100 ug/l
RT: 3.211 min Scan# 675
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 45 Resp: 466055
Ion Ratio Lower Upper
45 100
43 202.6 132.1 198.1#
87 27.8 21.8 32.6
59 12.2 9.0 13.4

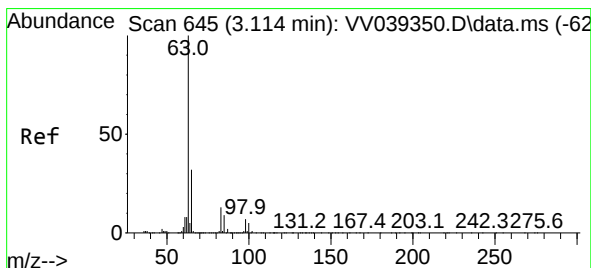
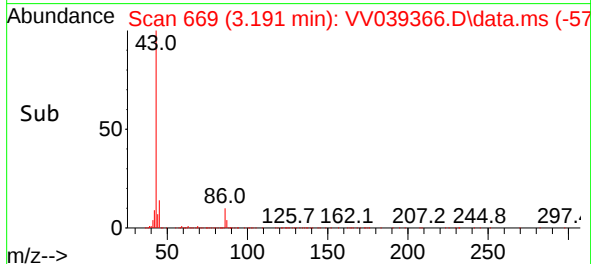
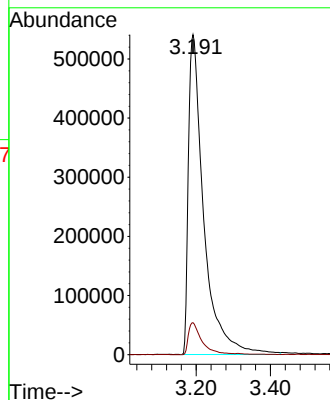
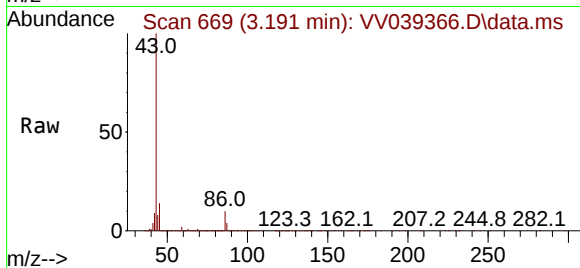




#23
 Vinyl Acetate
 Concen: 94.786 ug/l
 RT: 3.191 min Scan# 669
 Delta R.T. 0.010 min
 Lab File: VV039366.D
 Acq: 12 Nov 2025 10:52

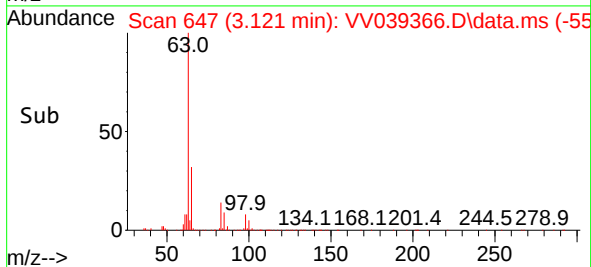
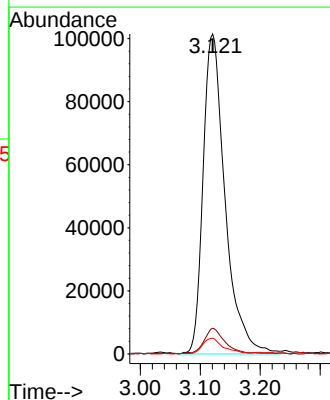
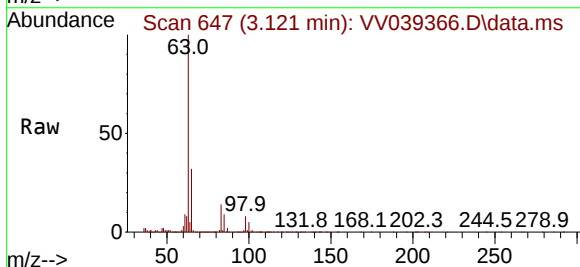
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1112WBS01

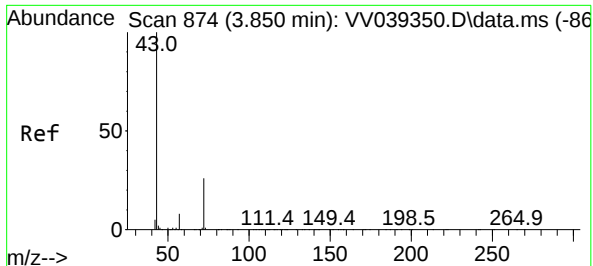
Tgt Ion: 43 Resp: 1552288
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 18.384 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.006 min
 Lab File: VV039366.D
 Acq: 12 Nov 2025 10:52

Tgt Ion: 63 Resp: 259189
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.5
 100 4.8 2.3 6.9

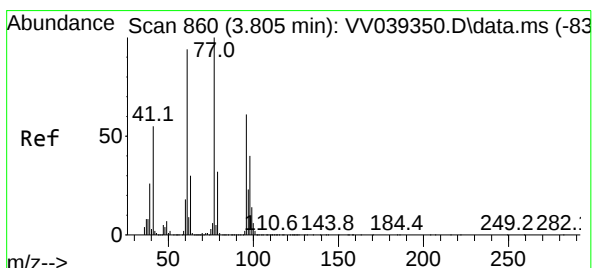
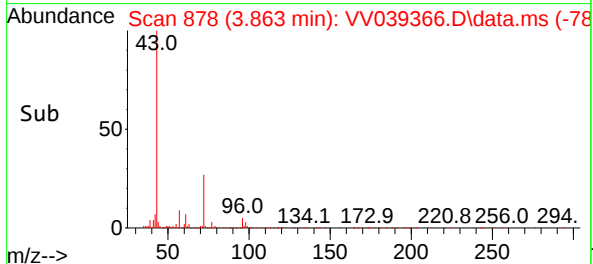
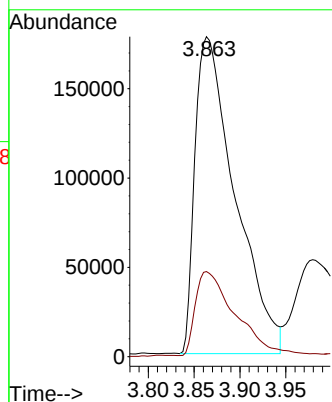
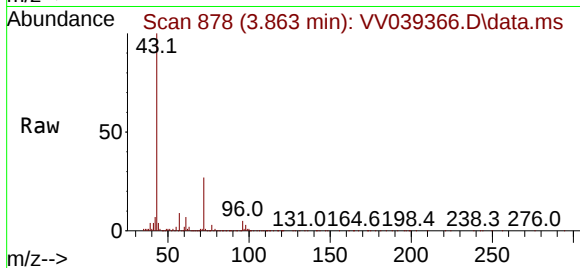




#25
2-Butanone
Concen: 96.131 ug/l
RT: 3.863 min Scan# 81
Delta R.T. 0.013 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

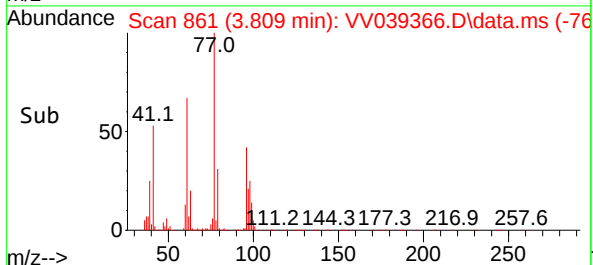
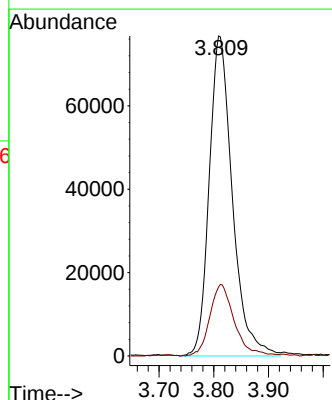
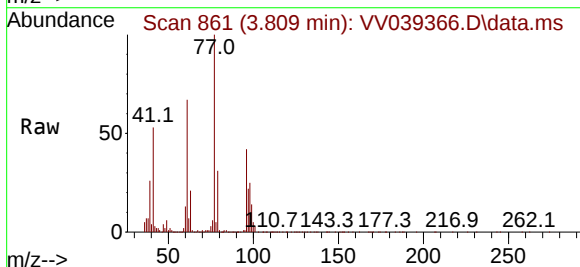
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

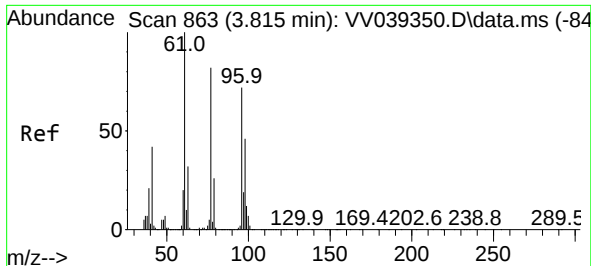
Tgt Ion: 43 Resp: 538679
Ion Ratio Lower Upper
43 100
72 26.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.001 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 77 Resp: 225326
Ion Ratio Lower Upper
77 100
97 23.7 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 18.518 ug/l

RT: 3.825 min Scan# 863

Delta R.T. 0.010 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Instrument :

MSVOA_V

ClientSampleId :

VV1112WBS01

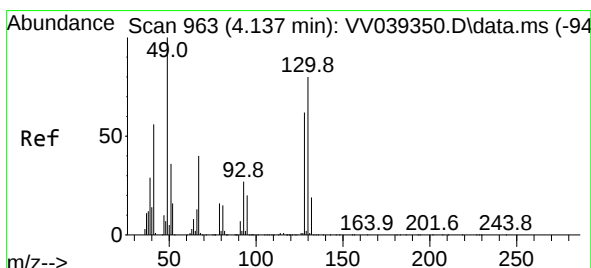
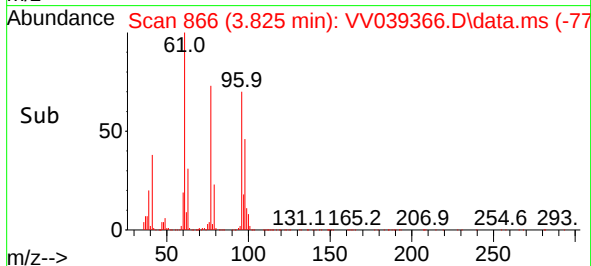
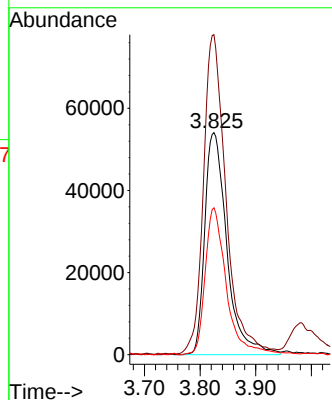
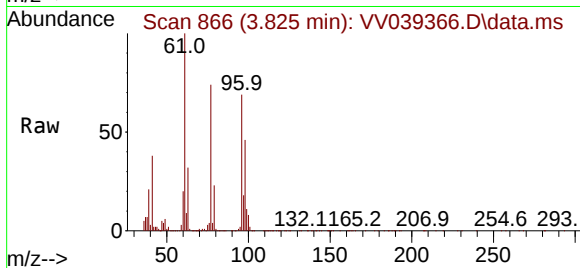
Tgt Ion: 96 Resp: 149398

Ion Ratio Lower Upper

96 100

61 145.9 0.0 287.8

98 63.4 0.0 129.6



#28

Bromochloromethane

Concen: 22.622 ug/l

RT: 4.146 min Scan# 966

Delta R.T. 0.010 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

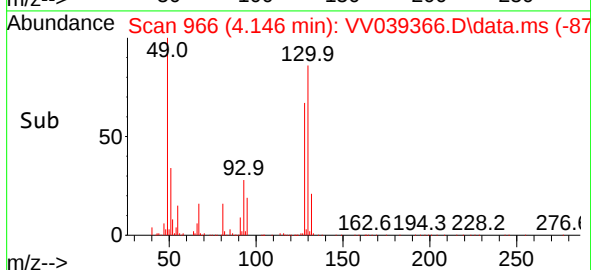
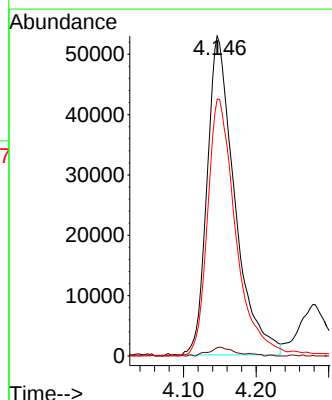
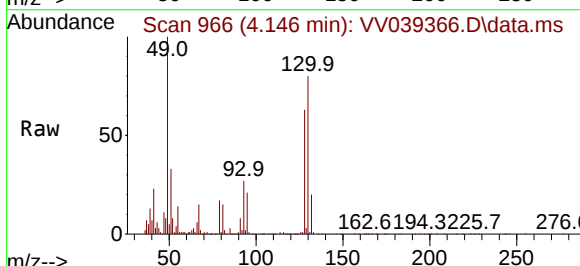
Tgt Ion: 49 Resp: 139491

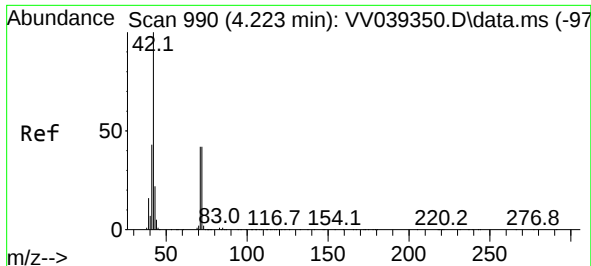
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.0#

130 82.0 67.9 101.9





#29

Tetrahydrofuran

Concen: 102.021 ug/l

RT: 4.233 min Scan# 990

Delta R.T. 0.010 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Instrument :

MSVOA_V

ClientSampleId :

VV1112WBS01

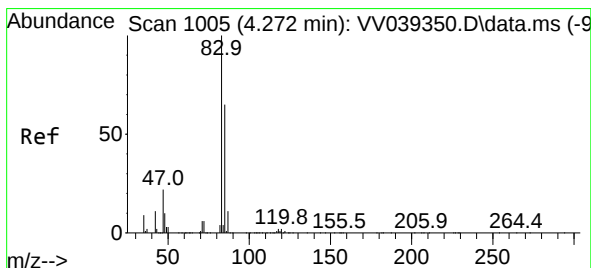
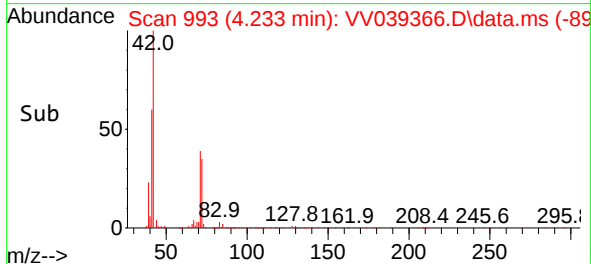
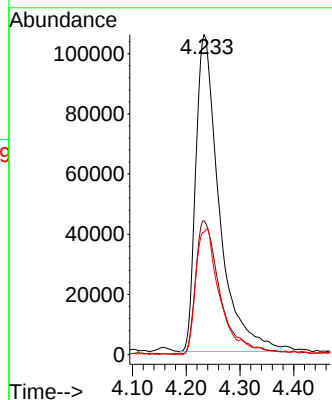
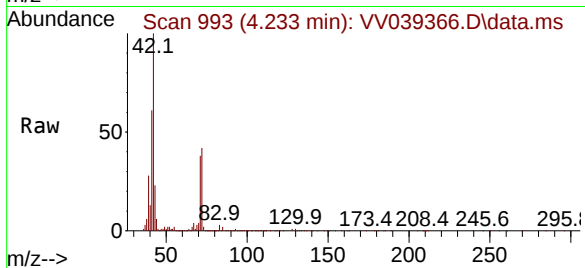
Tgt Ion: 42 Resp: 320014

Ion Ratio Lower Upper

42 100

72 42.4 35.3 52.9

71 38.4 34.0 51.0



#30

Chloroform

Concen: 18.435 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VV039366.D

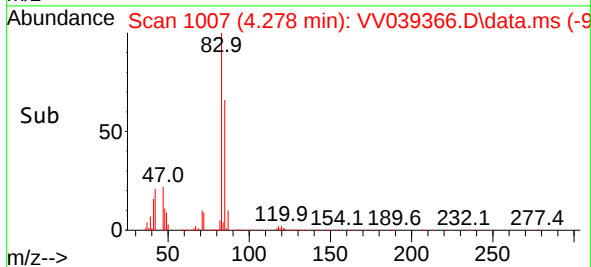
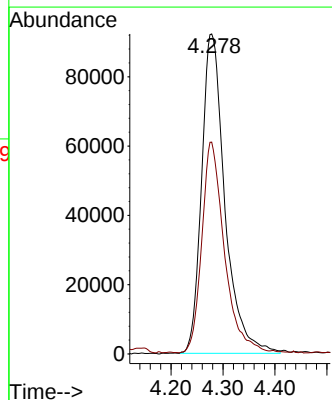
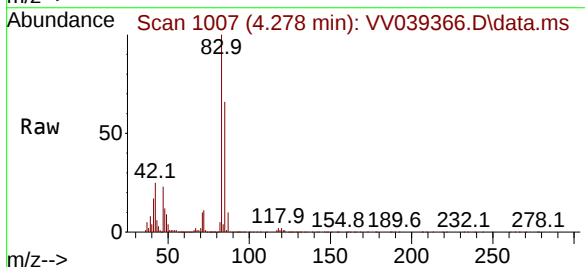
Acq: 12 Nov 2025 10:52

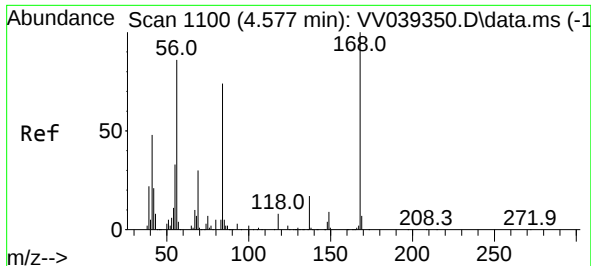
Tgt Ion: 83 Resp: 287067

Ion Ratio Lower Upper

83 100

85 65.9 51.8 77.8

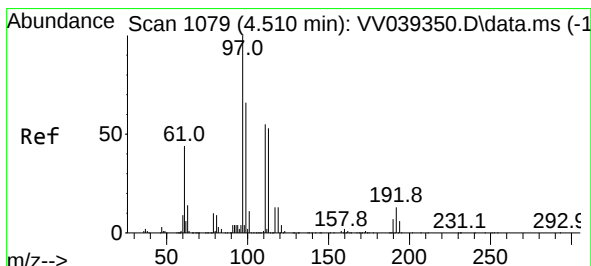
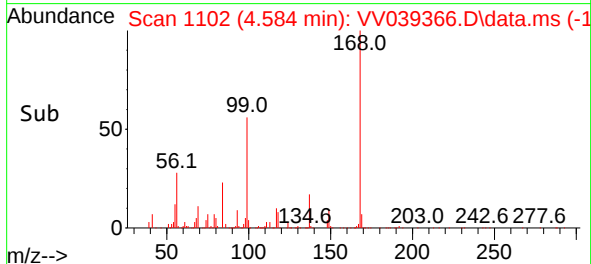
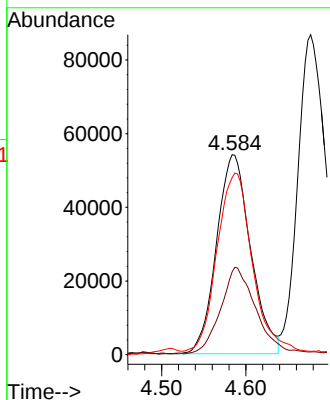
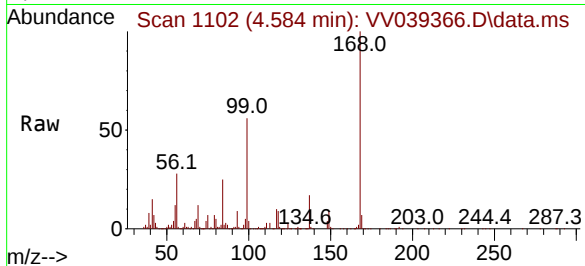




#31
Cyclohexane
Concen: 17.216 ug/l
RT: 4.584 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

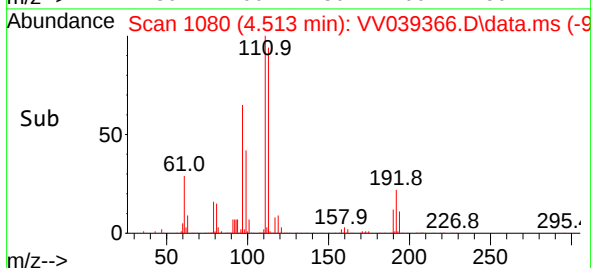
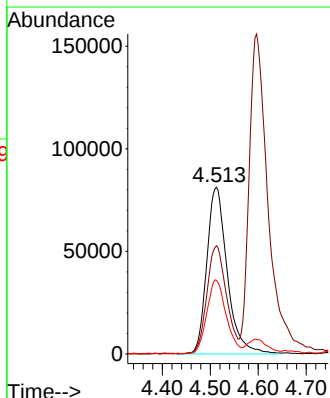
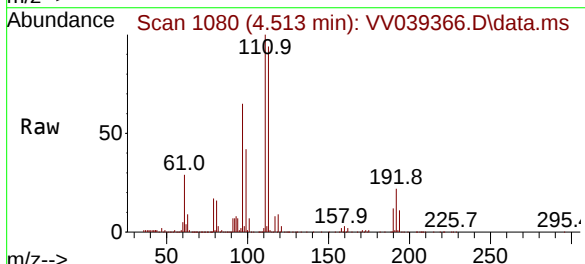
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

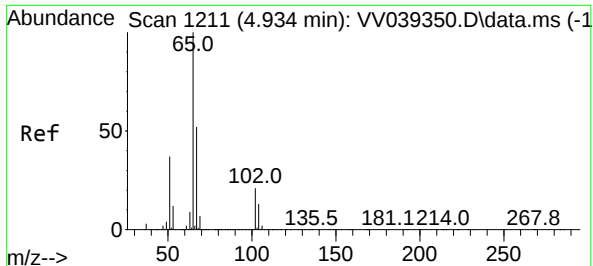
Tgt Ion: 56 Resp: 151931
Ion Ratio Lower Upper
56 100
69 40.7 27.7 41.5
84 86.9 69.4 104.2



#32
1,1,1-Trichloroethane
Concen: 18.505 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 97 Resp: 240987
Ion Ratio Lower Upper
97 100
99 61.6 49.9 74.9
61 41.6 33.9 50.9





#33

1,2-Dichloroethane-d4

Concen: 51.187 ug/l

RT: 4.937 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Instrument :

MSVOA_V

ClientSampleId :

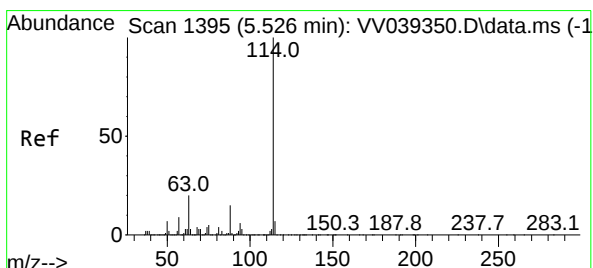
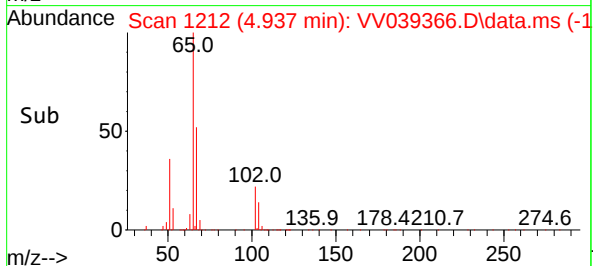
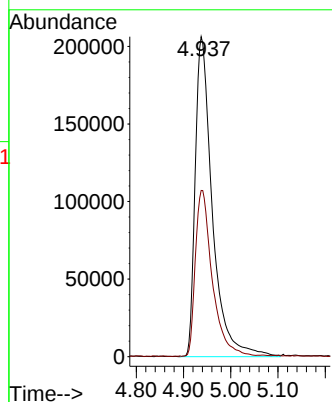
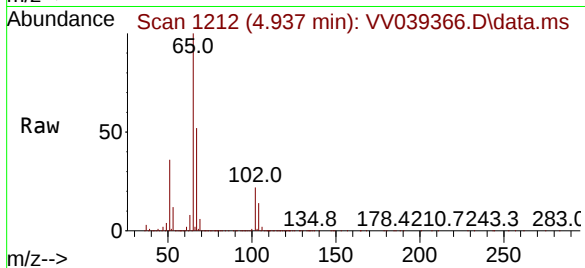
VV1112WBS01

Tgt Ion: 65 Resp: 519581

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. 0.003 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

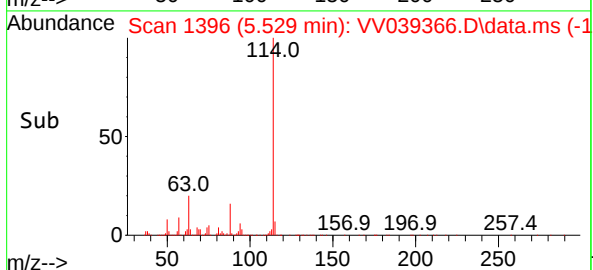
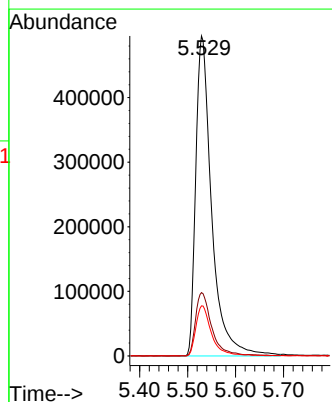
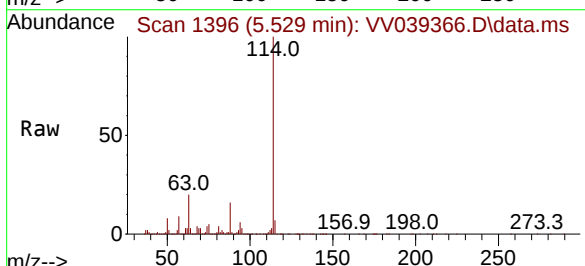
Tgt Ion: 114 Resp: 1144500

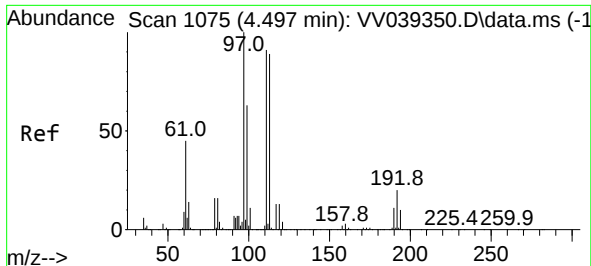
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 15.6 0.0 30.2

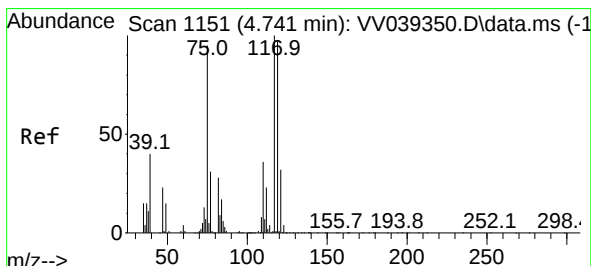
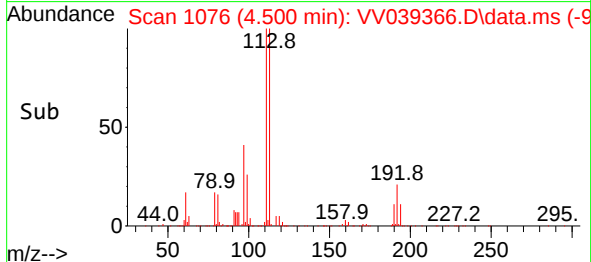
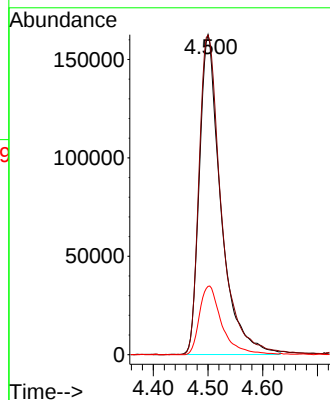
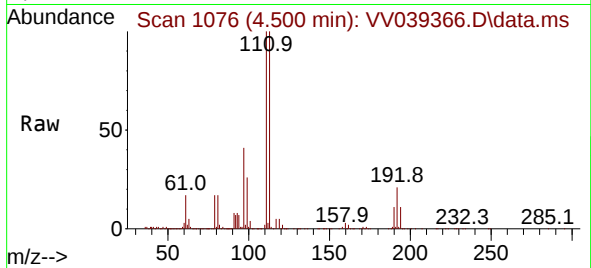




#35
Dibromofluoromethane
Concen: 50.426 ug/l
RT: 4.500 min Scan# 1112
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

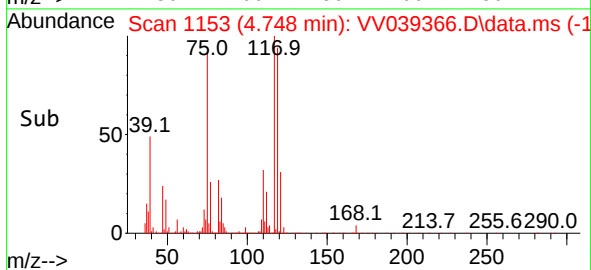
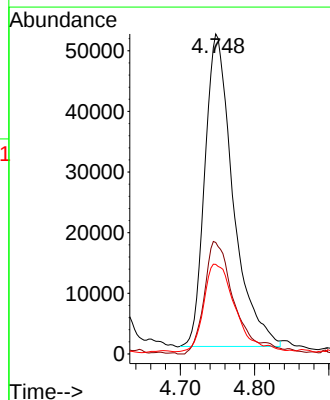
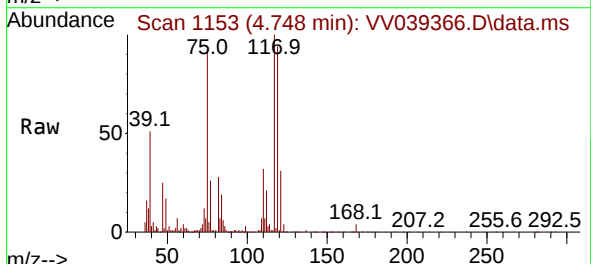
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

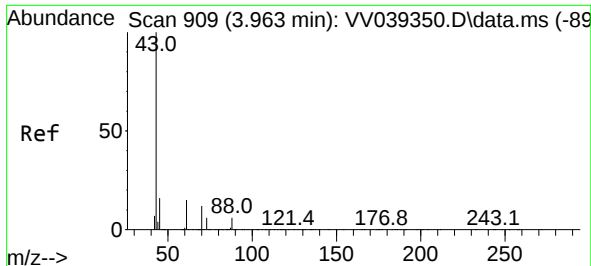
Tgt Ion:113 Resp: 442653
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 22.4 17.8 26.8



#36
1,1-Dichloropropene
Concen: 17.994 ug/l
RT: 4.748 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 75 Resp: 136047
Ion Ratio Lower Upper
75 100
110 36.6 18.1 54.4
77 31.4 24.0 36.0

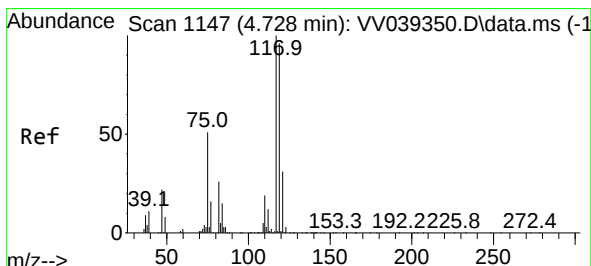
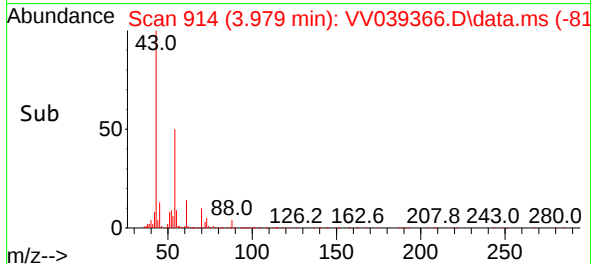
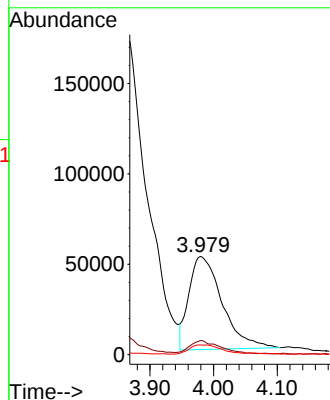
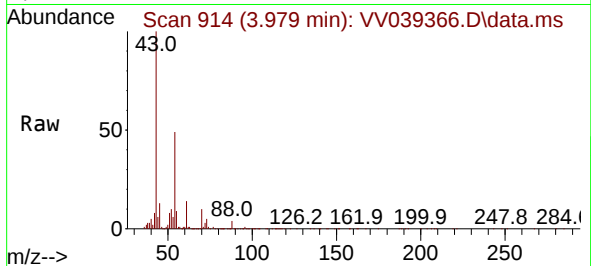




#37
Ethyl Acetate
Concen: 16.086 ug/l
RT: 3.979 min Scan# 914
Delta R.T. 0.016 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

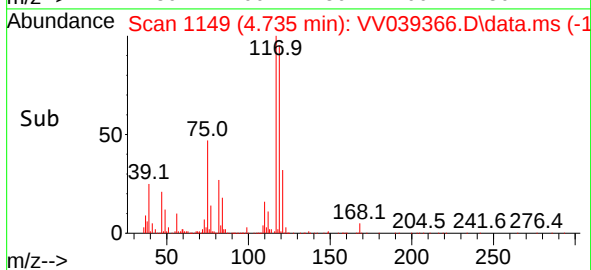
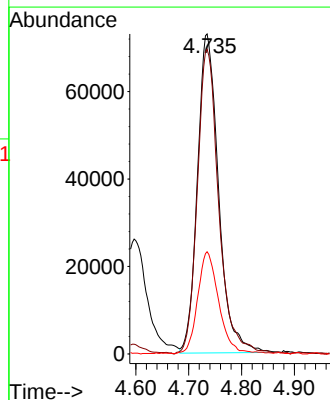
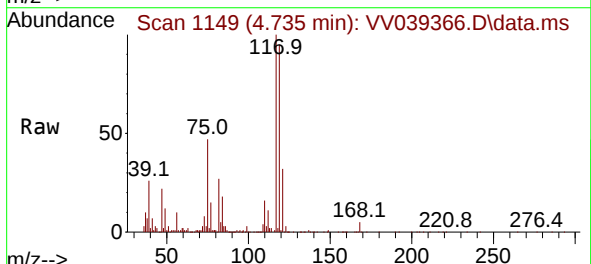
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

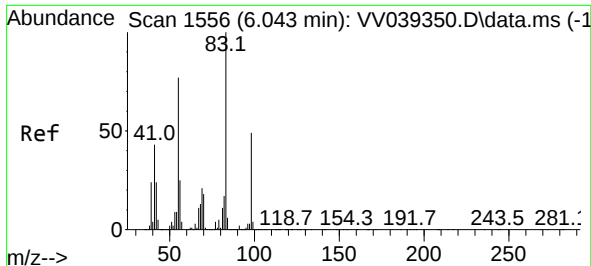
Tgt Ion: 43 Resp: 186845
Ion Ratio Lower Upper
43 100
61 12.7 9.3 13.9
70 9.4 7.0 10.4



#38
Carbon Tetrachloride
Concen: 18.072 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 117 Resp: 202967
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 31.6 25.0 37.4





#39

Methylcyclohexane

Concen: 17.197 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Instrument :

MSVOA_V

ClientSampleId :

VV1112WBS01

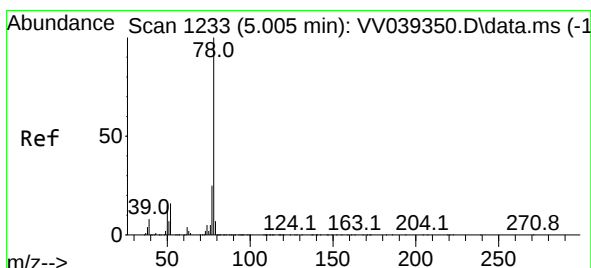
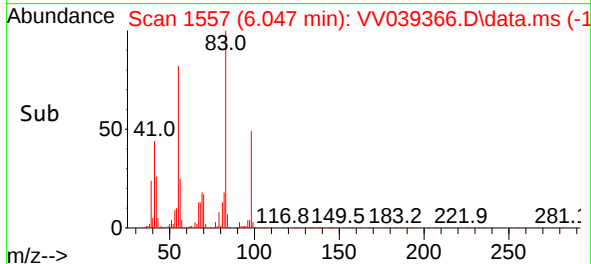
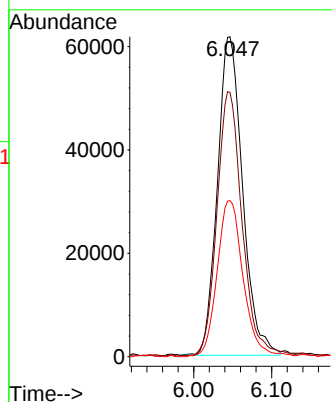
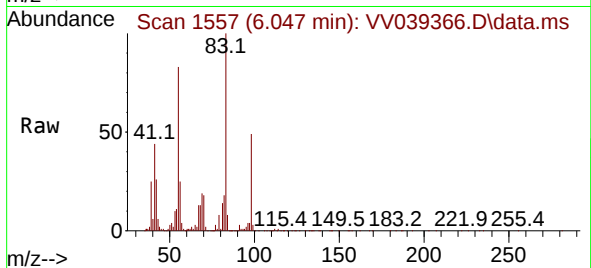
Tgt Ion: 83 Resp: 138432

Ion Ratio Lower Upper

83 100

55 82.6 61.3 91.9

98 49.0 39.0 58.6



#40

Benzene

Concen: 18.595 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.006 min

Lab File: VV039366.D

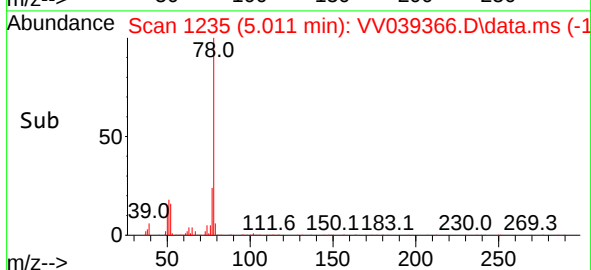
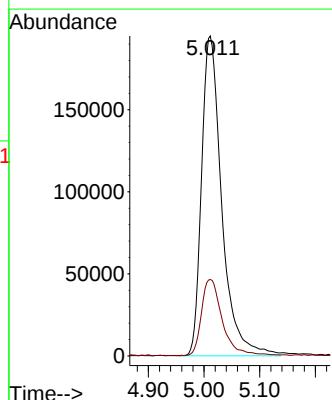
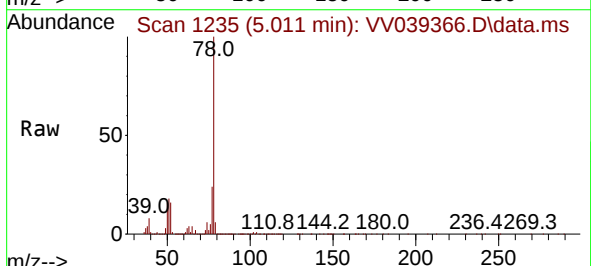
Acq: 12 Nov 2025 10:52

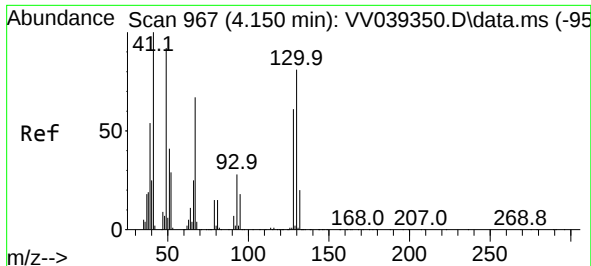
Tgt Ion: 78 Resp: 491652

Ion Ratio Lower Upper

78 100

77 23.8 19.6 29.4

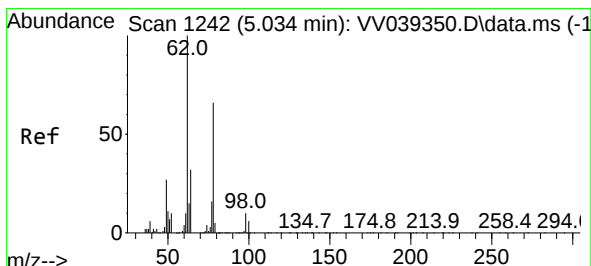
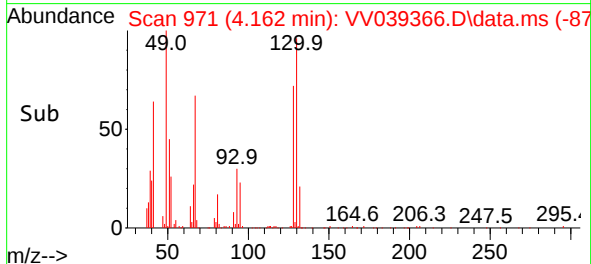
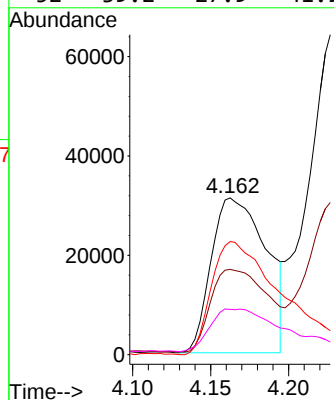
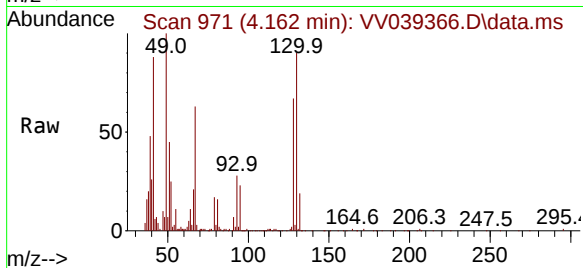




#41
Methacrylonitrile
Concen: 18.399 ug/l
RT: 4.162 min Scan# 91
Delta R.T. 0.013 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

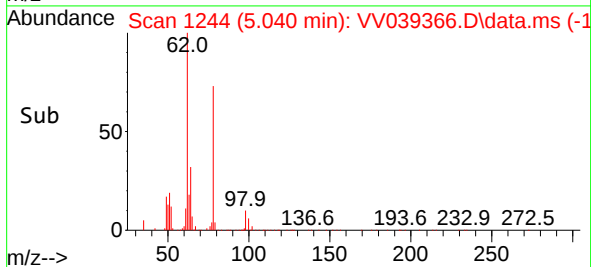
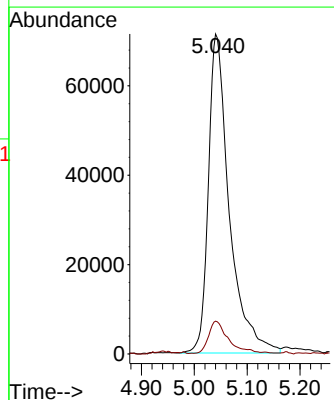
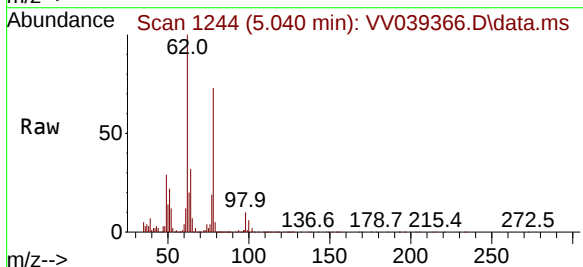
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

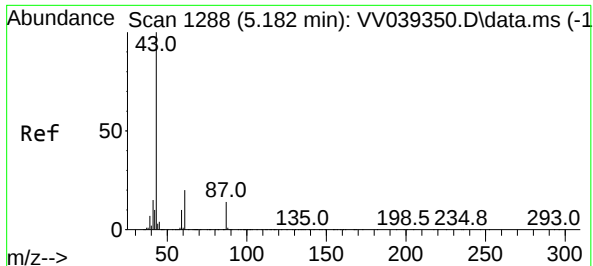
Tgt Ion:	41	Resp:	76317
Ion	Ratio	Lower	Upper
41	100		
39	56.9	44.3	66.5
67	106.0	71.4	107.2
52	39.2	27.9	41.9



#42
1,2-Dichloroethane
Concen: 19.022 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion:	62	Resp:	195996
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6

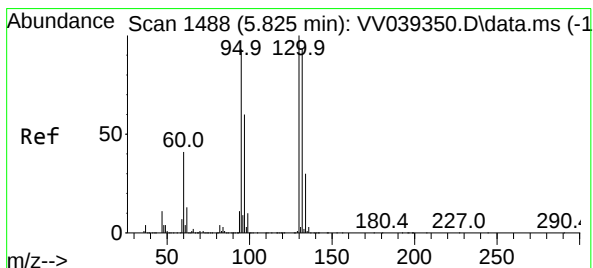
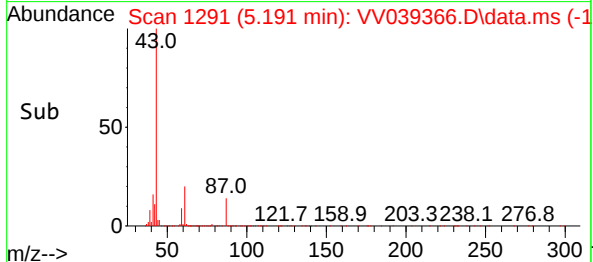
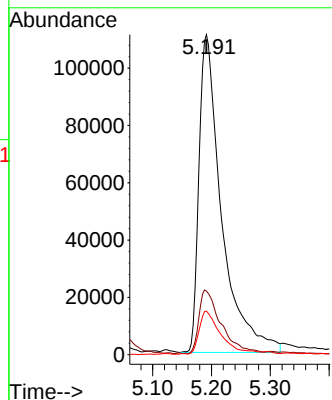
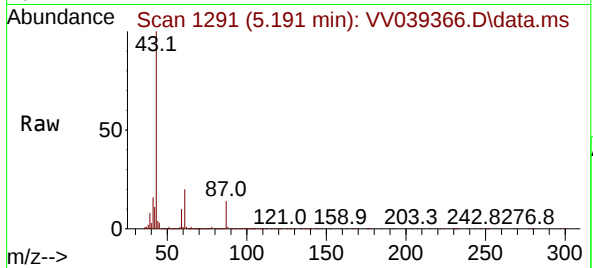




#43
Isopropyl Acetate
Concen: 19.143 ug/l
RT: 5.191 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

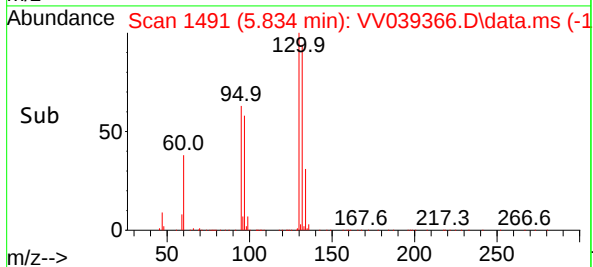
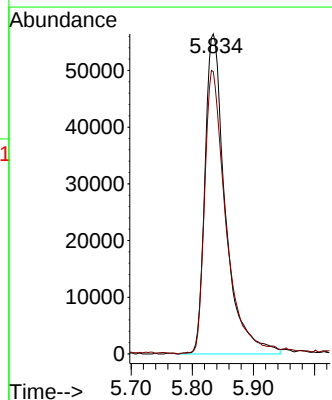
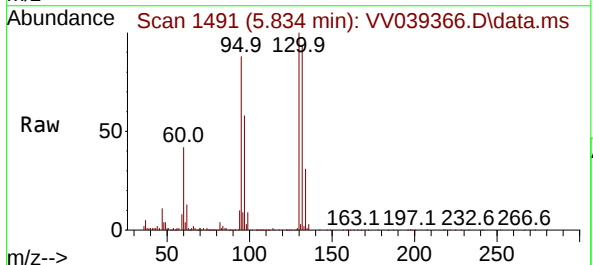
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

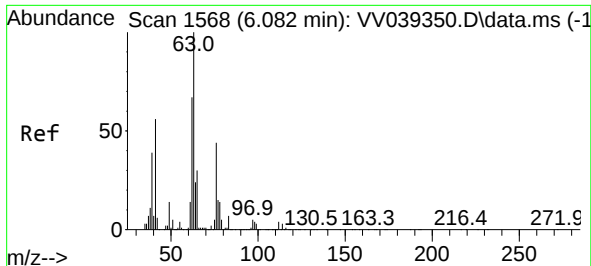
Tgt Ion: 43 Resp: 296205
Ion Ratio Lower Upper
43 100
61 19.6 15.7 23.5
87 12.8 11.1 16.7



#44
Trichloroethene
Concen: 18.303 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion:130 Resp: 131315
Ion Ratio Lower Upper
130 100
95 88.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.191 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Instrument :

MSVOA_V

ClientSampleId :

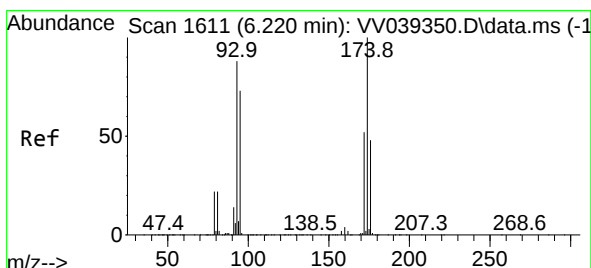
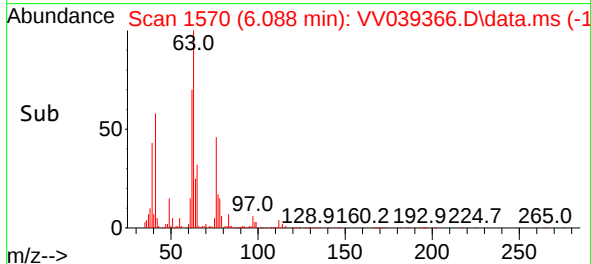
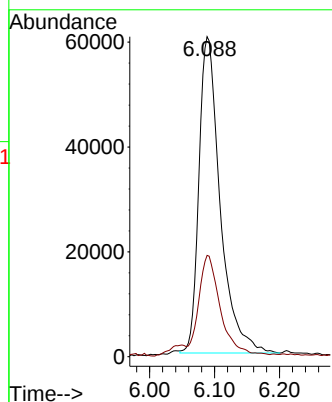
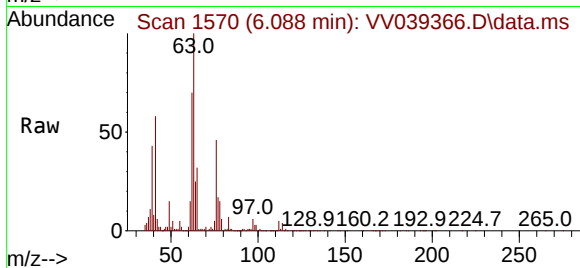
VV1112WBS01

Tgt Ion: 63 Resp: 137290

Ion Ratio Lower Upper

63 100

65 31.3 23.9 35.9



#46

Dibromomethane

Concen: 18.506 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

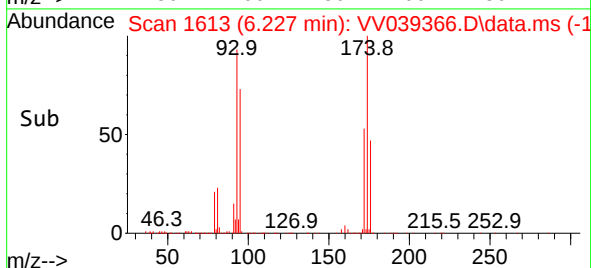
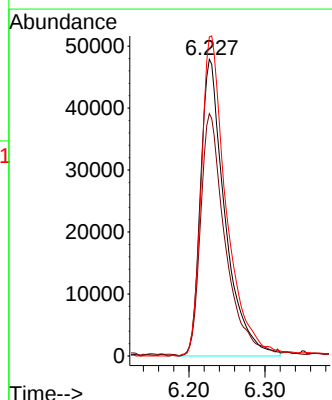
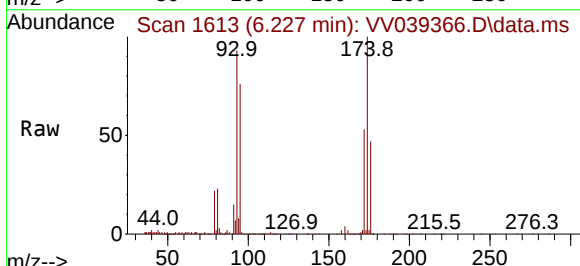
Tgt Ion: 93 Resp: 106463

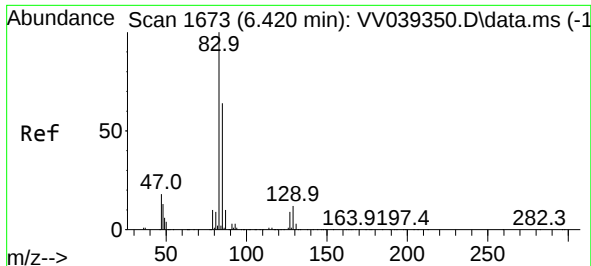
Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

174 111.0 91.4 137.0





#47

Bromodichloromethane

Concen: 18.403 ug/l

RT: 6.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Instrument :

MSVOA_V

ClientSampleId :

VV1112WBS01

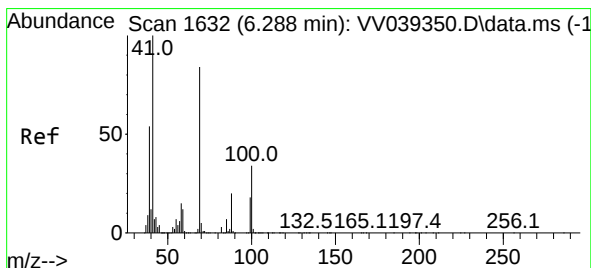
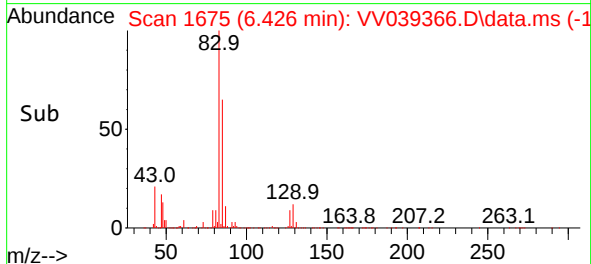
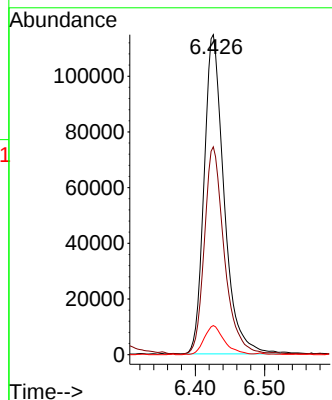
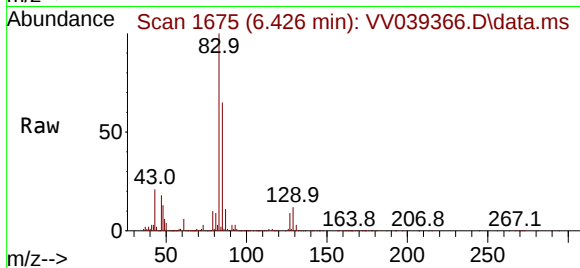
Tgt Ion: 83 Resp: 229278

Ion Ratio Lower Upper

83 100

85 64.8 51.0 76.4

127 9.1 7.3 10.9



#48

Methyl methacrylate

Concen: 18.237 ug/l

RT: 6.297 min Scan# 1635

Delta R.T. 0.010 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

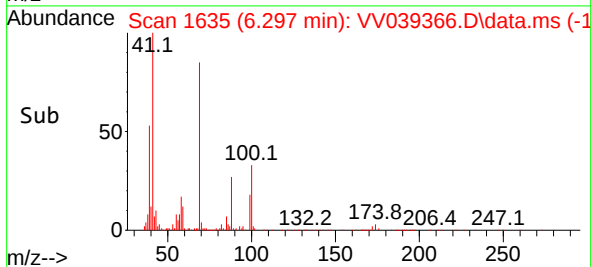
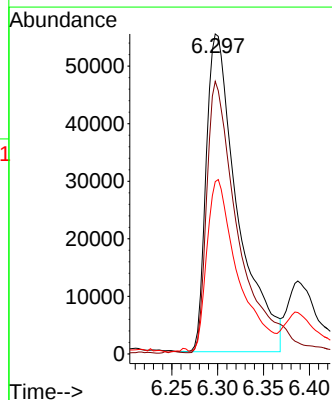
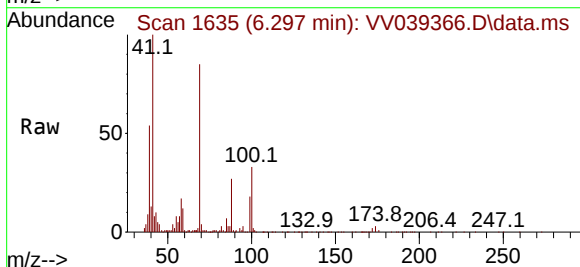
Tgt Ion: 41 Resp: 131426

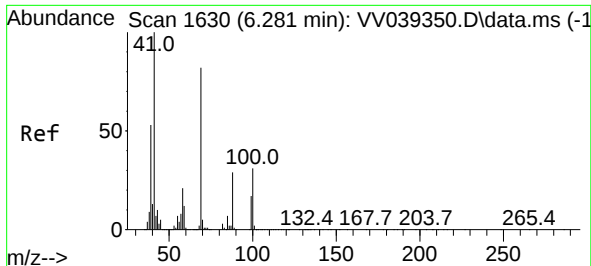
Ion Ratio Lower Upper

41 100

69 87.4 69.1 103.7

39 53.1 42.8 64.2





#49

1,4-Dioxane

Concen: 341.900 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Instrument :

MSVOA_V

ClientSampleId :

VV1112WBS01

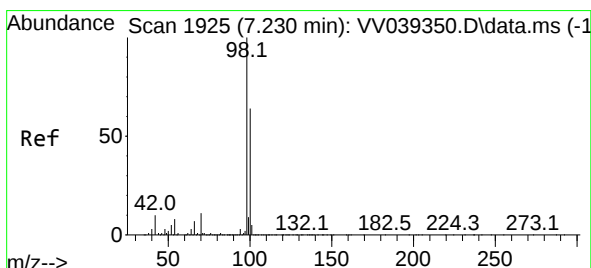
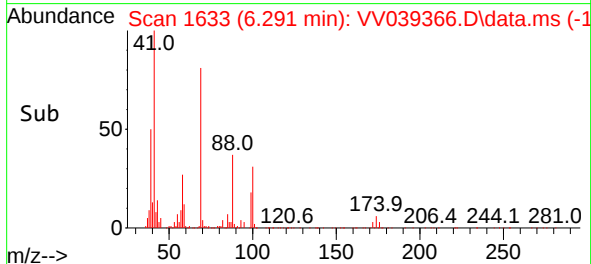
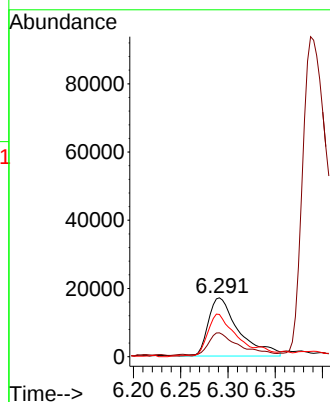
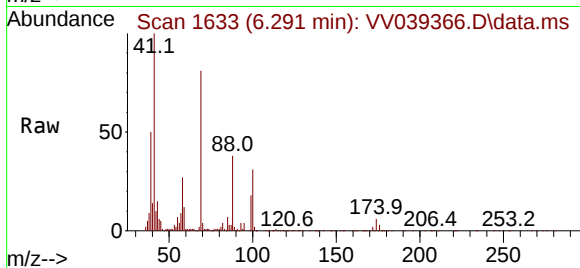
Tgt Ion: 88 Resp: 37950

Ion Ratio Lower Upper

88 100

43 35.0 26.6 40.0

58 62.5 55.4 83.0



#50

Toluene-d8

Concen: 50.259 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV039366.D

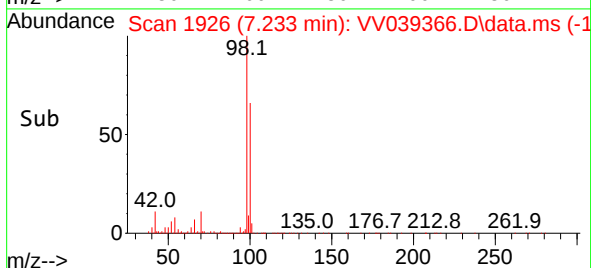
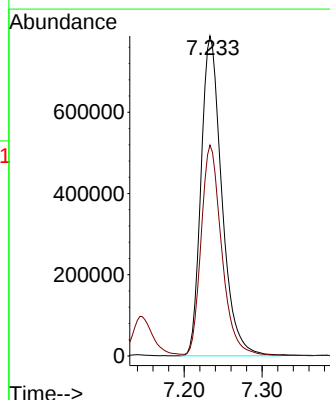
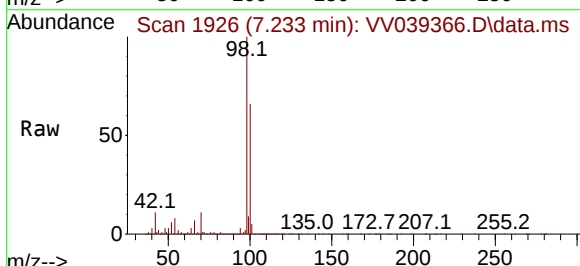
Acq: 12 Nov 2025 10:52

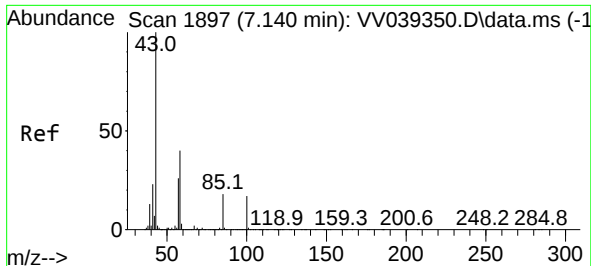
Tgt Ion: 98 Resp: 1457920

Ion Ratio Lower Upper

98 100

100 65.2 52.8 79.2

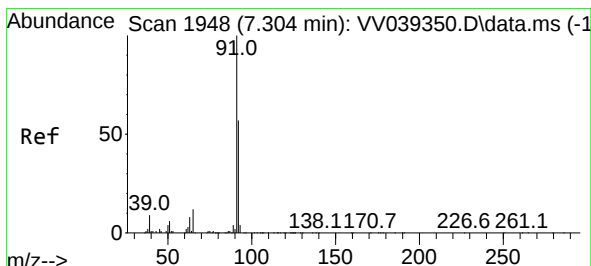
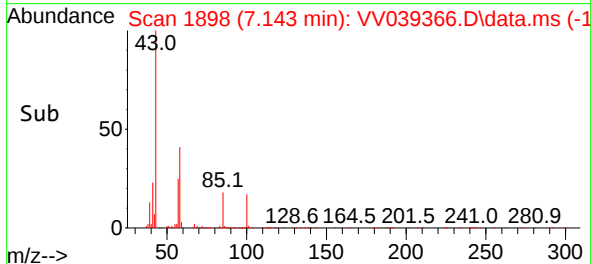
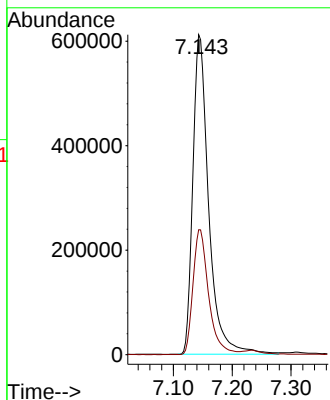
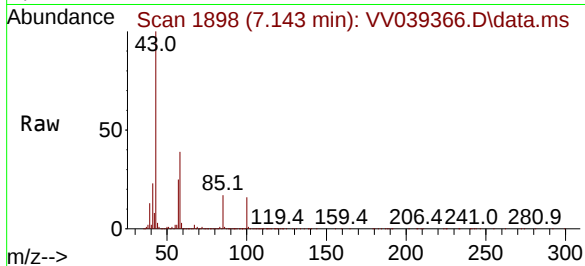




#51
4-Methyl-2-Pentanone
Concen: 108.089 ug/l
RT: 7.143 min Scan# 1897
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

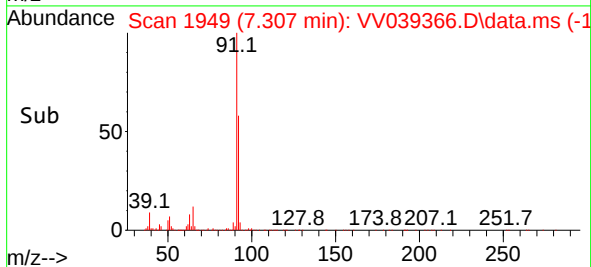
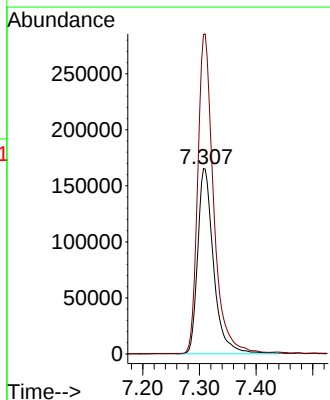
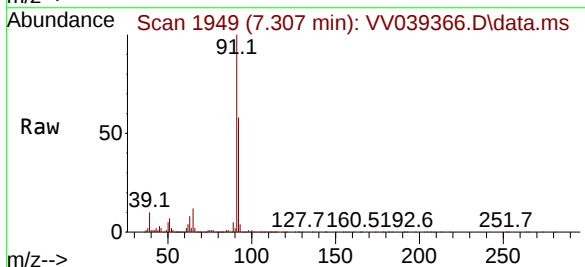
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

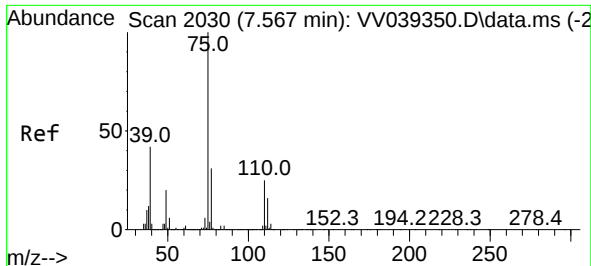
Tgt Ion: 43 Resp: 1143280
Ion Ratio Lower Upper
43 100
58 38.6 31.8 47.6



#52
Toluene
Concen: 19.445 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 92 Resp: 322171
Ion Ratio Lower Upper
92 100
91 172.0 139.0 208.6

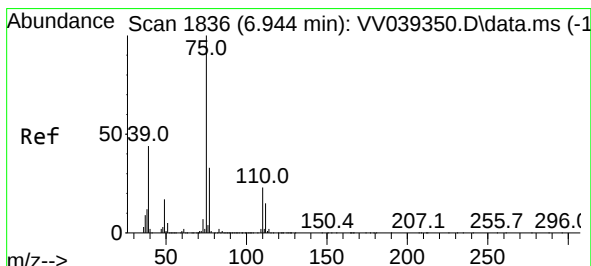
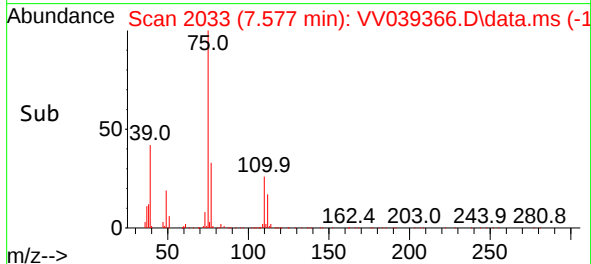
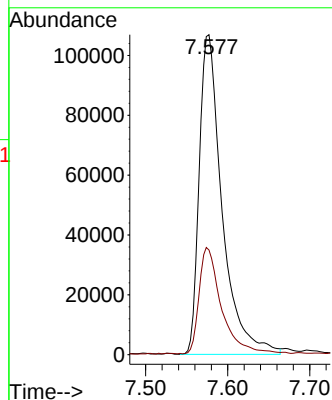
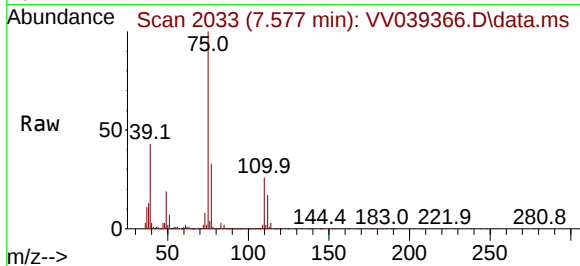




#53
 t-1,3-Dichloropropene
 Concen: 19.294 ug/l
 RT: 7.577 min Scan# 2030
 Delta R.T. 0.010 min
 Lab File: VV039366.D
 Acq: 12 Nov 2025 10:52

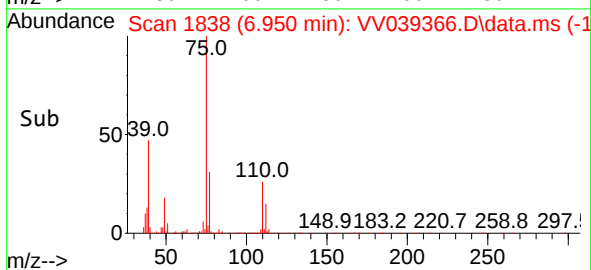
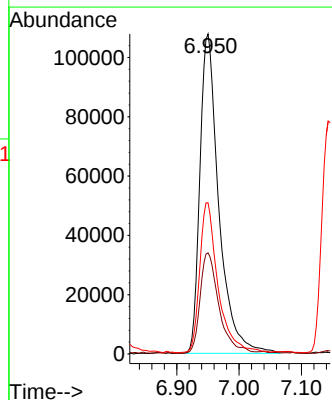
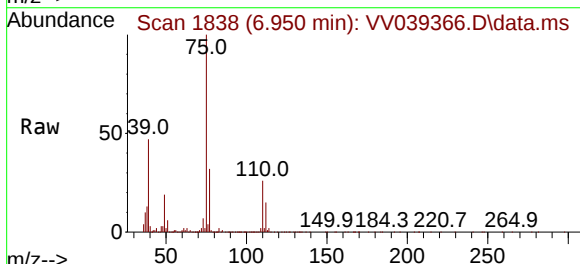
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1112WBS01

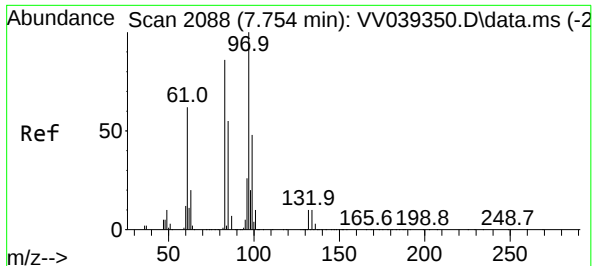
Tgt Ion: 75 Resp: 206816
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.961 ug/l
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.006 min
 Lab File: VV039366.D
 Acq: 12 Nov 2025 10:52

Tgt Ion: 75 Resp: 227170
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.3 39.5
 39 46.9 35.5 53.3

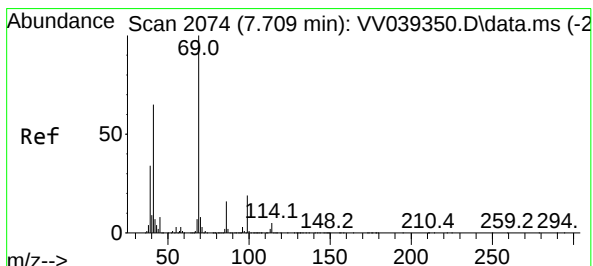
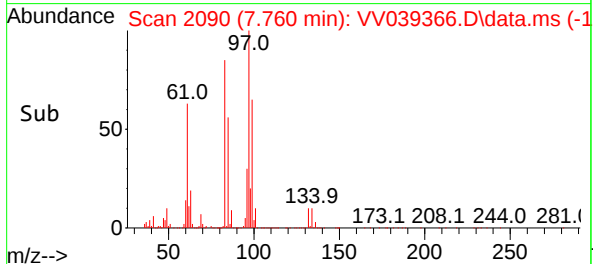
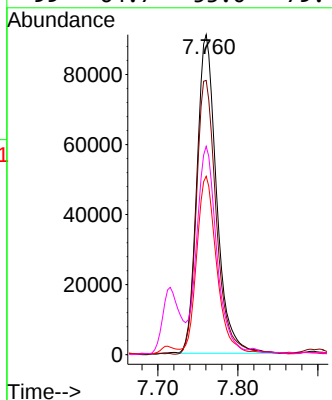
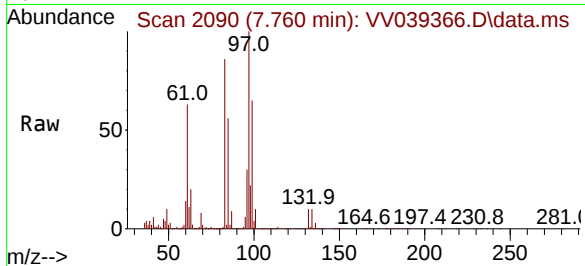




#55
1,1,2-Trichloroethane
Concen: 18.581 ug/l
RT: 7.760 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

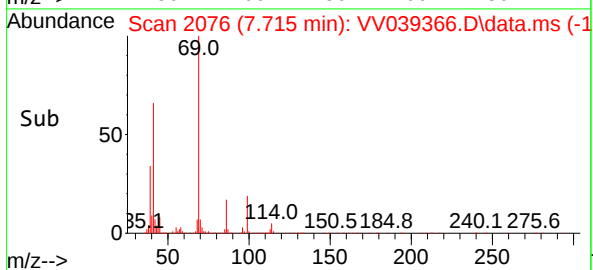
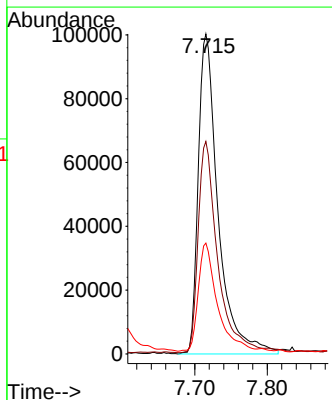
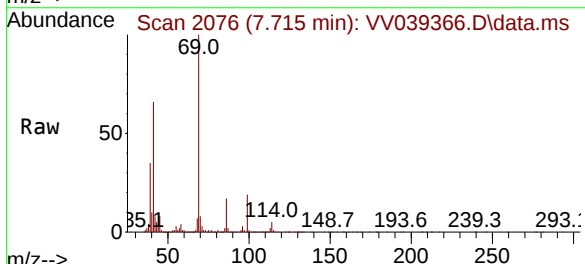
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

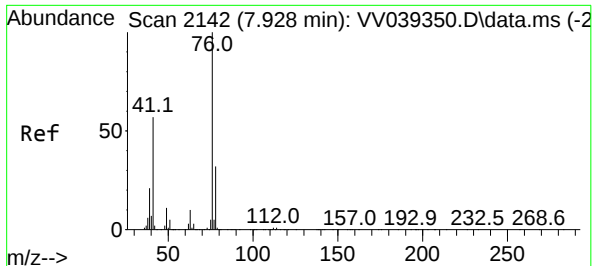
Tgt Ion:	97	Resp:	155875
Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.8	103.2
85	55.4	45.2	67.8
99	64.7	53.0	79.4



#56
Ethyl methacrylate
Concen: 18.834 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.006 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion:	69	Resp:	190759
Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.5	78.7
39	32.2	26.7	40.1

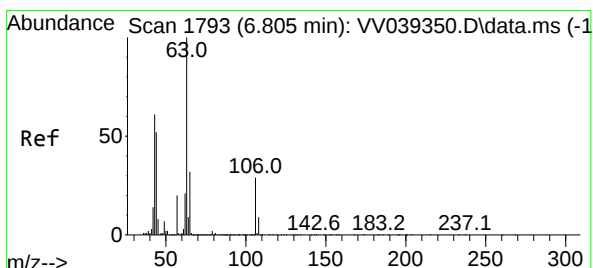
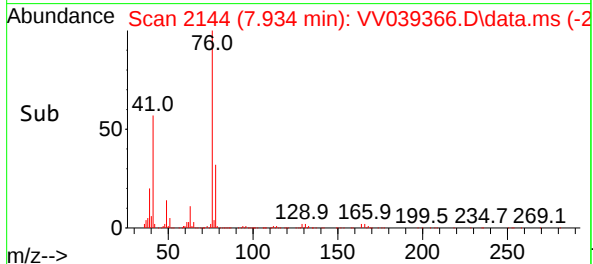
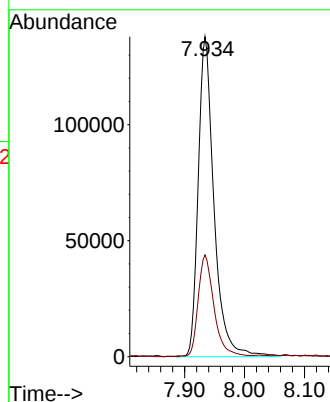
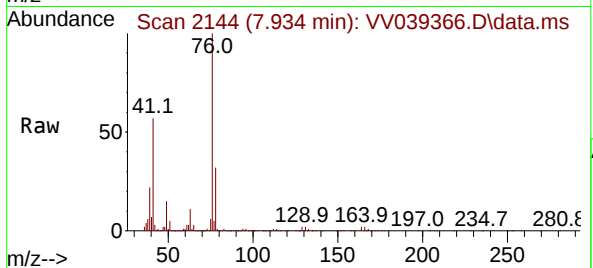




#57
1,3-Dichloropropane
Concen: 19.585 ug/l
RT: 7.934 min Scan# 2144
Delta R.T. 0.006 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

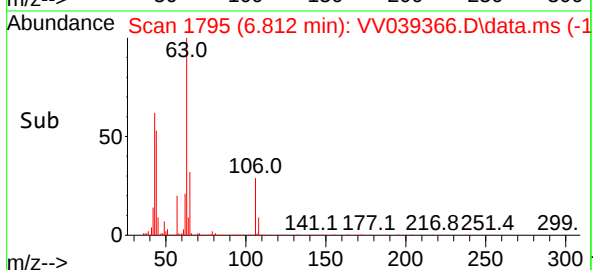
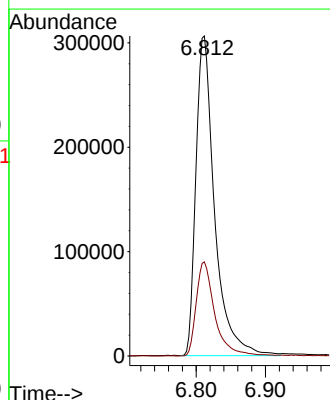
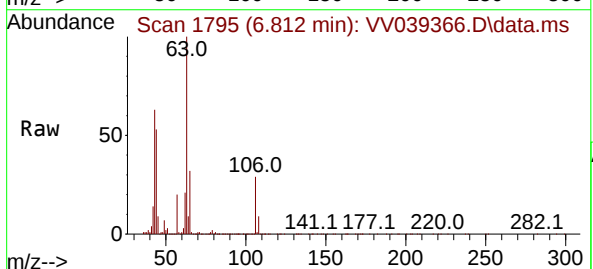
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

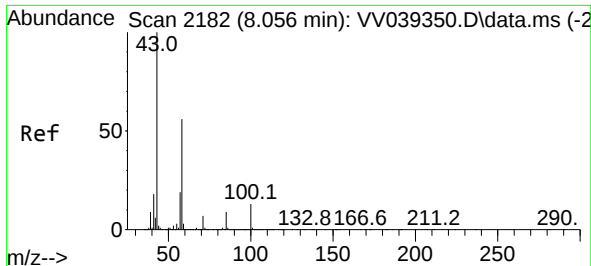
Tgt Ion: 76 Resp: 252674
Ion Ratio Lower Upper
76 100
78 31.2 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 200.022 ug/l
RT: 6.812 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 63 Resp: 576127
Ion Ratio Lower Upper
63 100
106 29.2 23.3 34.9

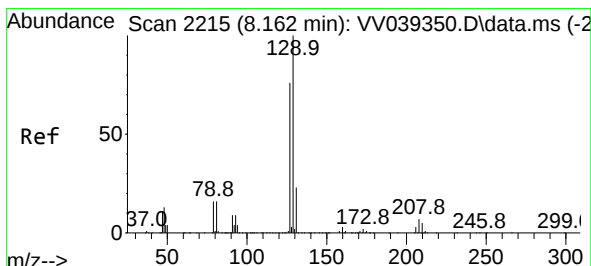
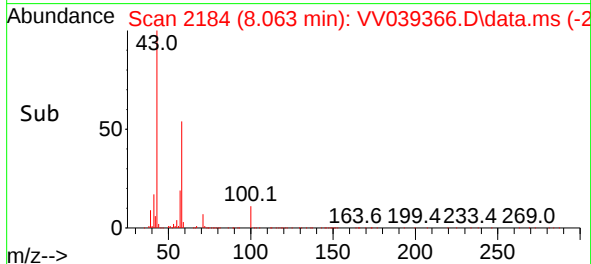
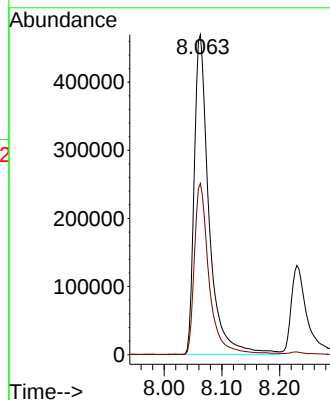
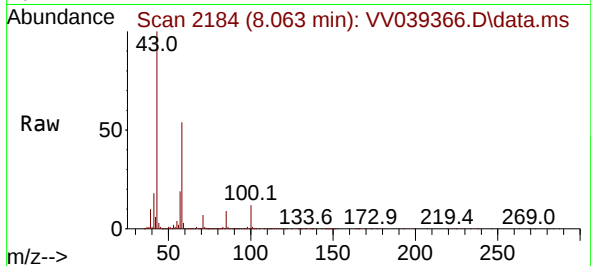




#59
2-Hexanone
Concen: 110.079 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

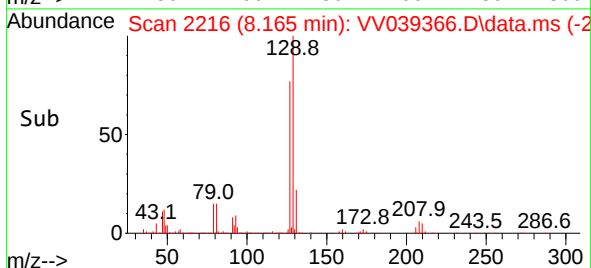
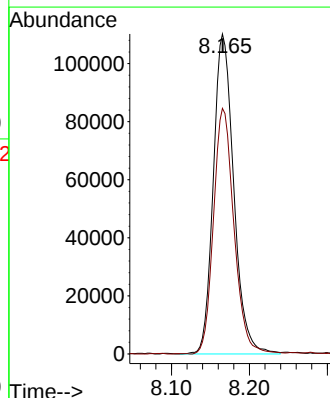
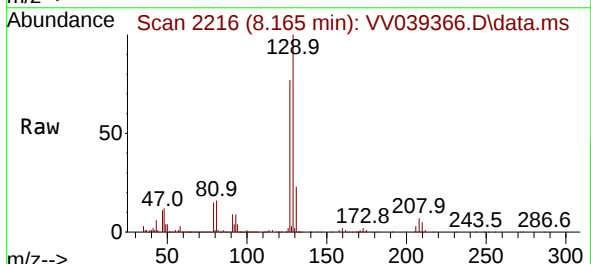
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

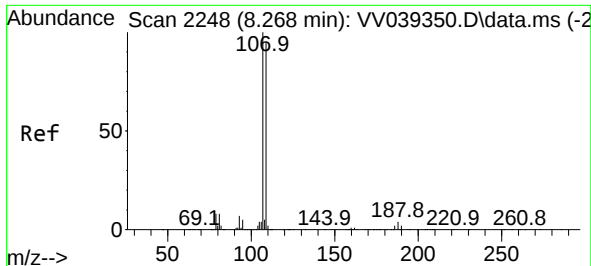
Tgt Ion: 43 Resp: 832143
Ion Ratio Lower Upper
43 100
58 53.0 27.7 83.1



#60
Dibromochloromethane
Concen: 18.691 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 129 Resp: 200914
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7

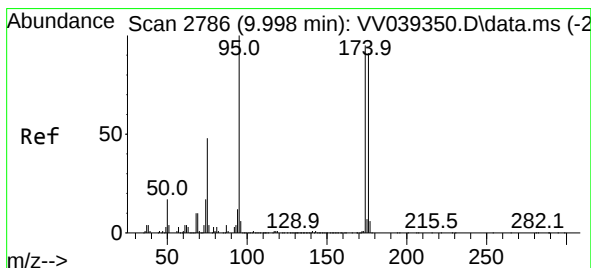
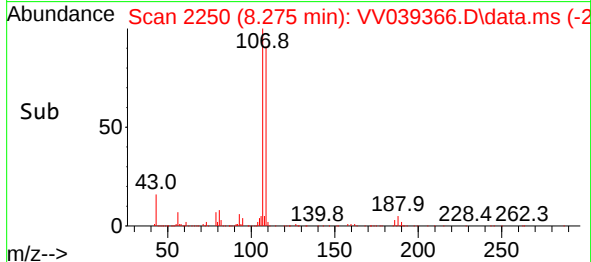
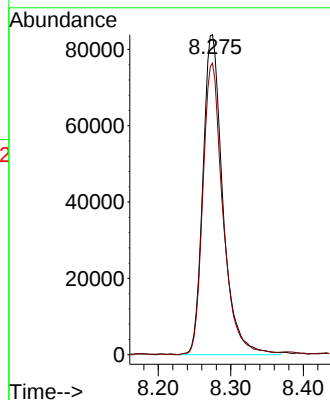
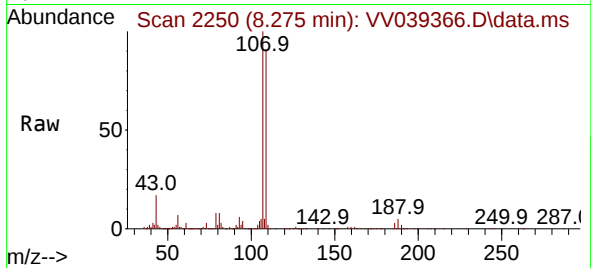




#61
1,2-Dibromoethane
Concen: 19.589 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

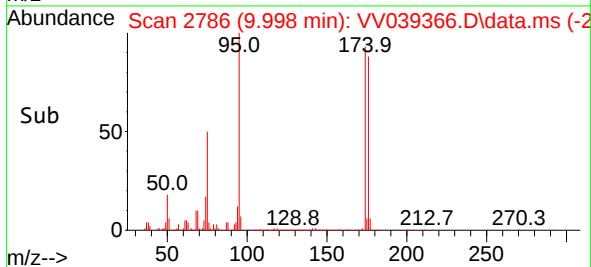
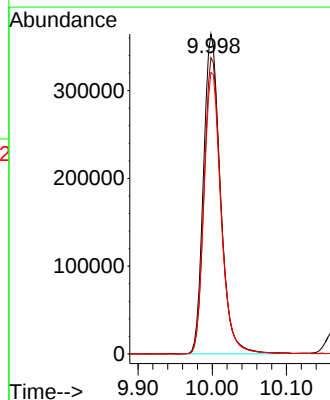
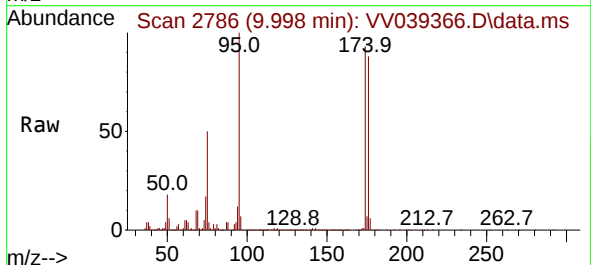
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

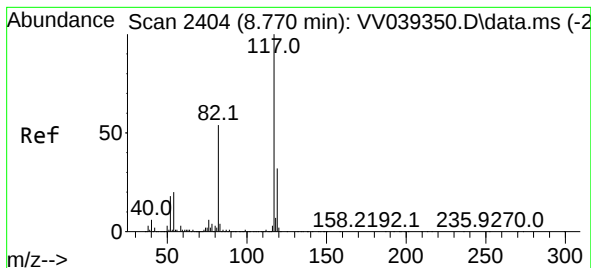
Tgt Ion:107 Resp: 160178
Ion Ratio Lower Upper
107 100
109 91.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.514 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 95 Resp: 574197
Ion Ratio Lower Upper
95 100
174 92.6 0.0 187.6
176 89.1 0.0 180.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Instrument :

MSVOA_V

ClientSampleId :

VV1112WBS01

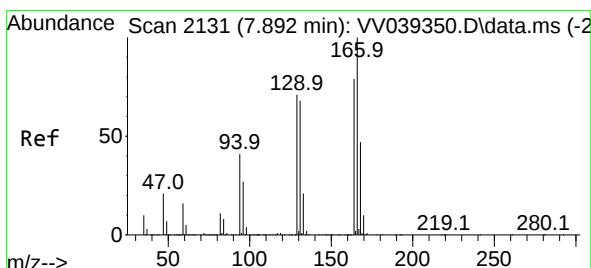
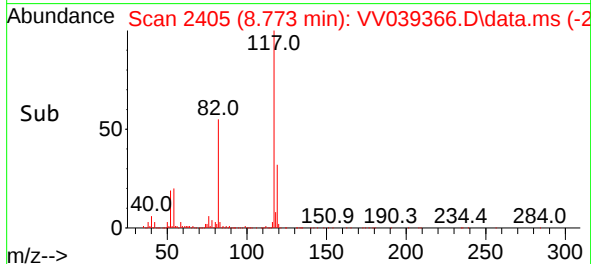
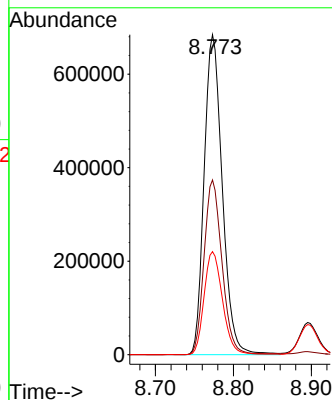
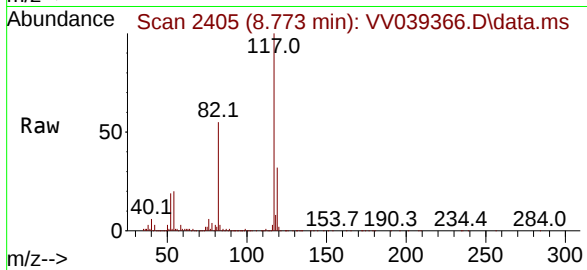
Tgt Ion:117 Resp: 1108849

Ion Ratio Lower Upper

117 100

82 54.6 42.9 64.3

119 32.2 25.5 38.3



#64

Tetrachloroethene

Concen: 17.459 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.003 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Tgt Ion:164 Resp: 119647

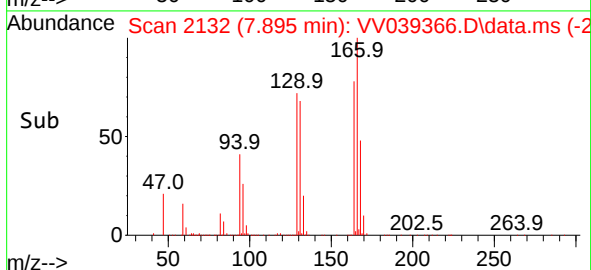
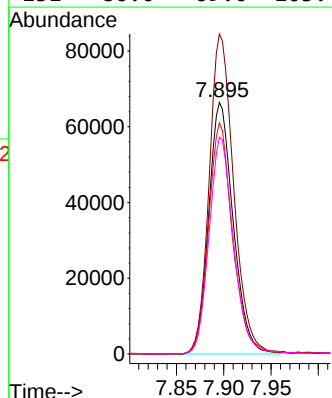
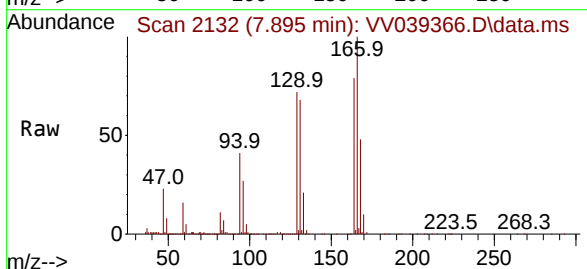
Ion Ratio Lower Upper

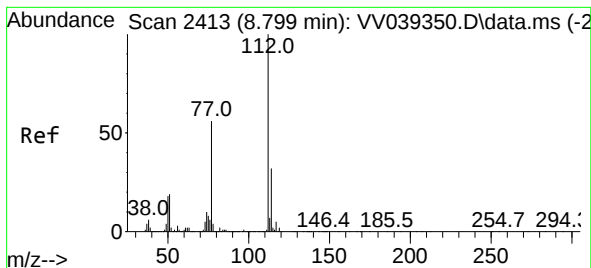
164 100

166 127.2 101.9 152.9

129 91.9 71.8 107.8

131 86.0 69.0 103.4





#65

Chlorobenzene

Concen: 18.201 ug/l

RT: 8.802 min Scan# 2414

Delta R.T. 0.003 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Instrument :

MSVOA_V

ClientSampleId :

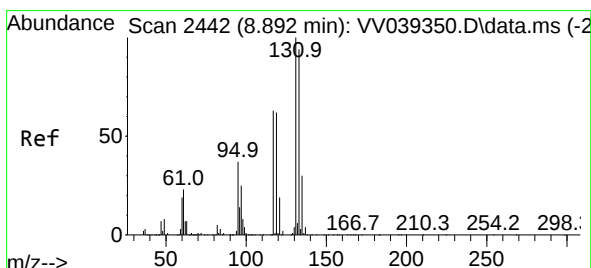
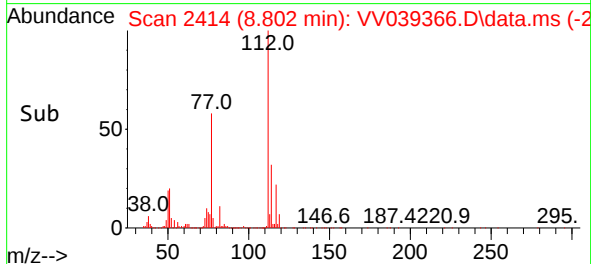
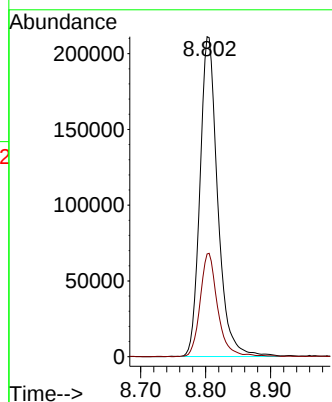
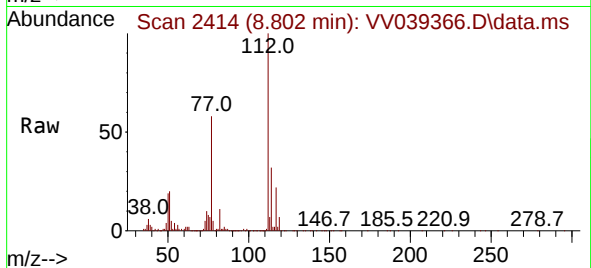
VV1112WBS01

Tgt Ion:112 Resp: 401766

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 18.508 ug/l

RT: 8.895 min Scan# 2443

Delta R.T. 0.003 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

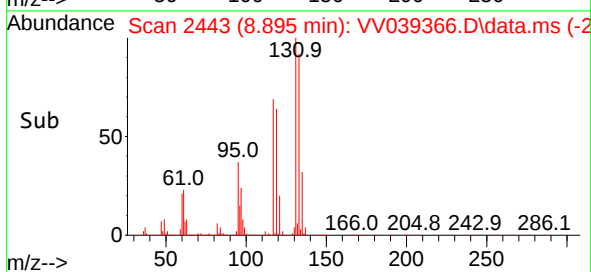
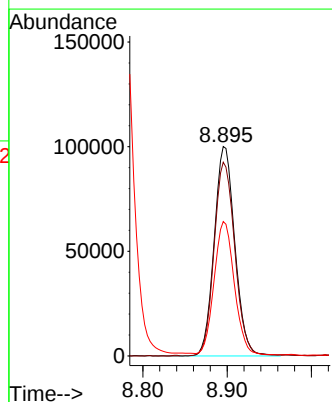
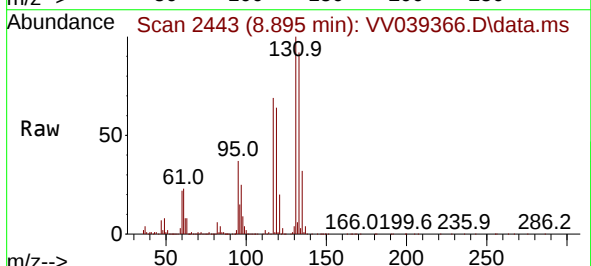
Tgt Ion:131 Resp: 170469

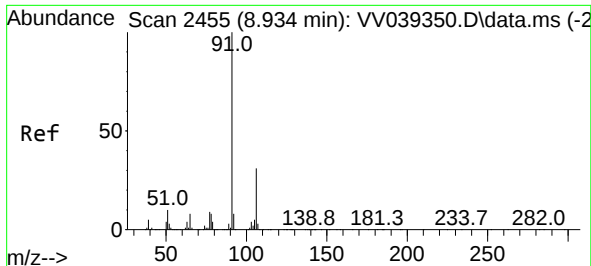
Ion Ratio Lower Upper

131 100

133 93.0 47.9 143.8

119 61.8 31.6 94.8

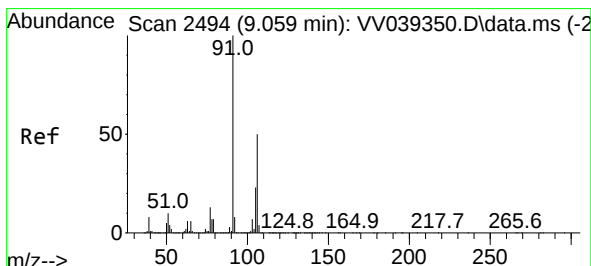
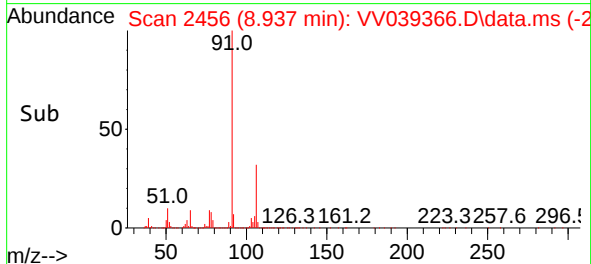
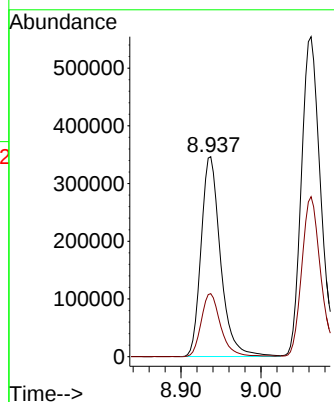
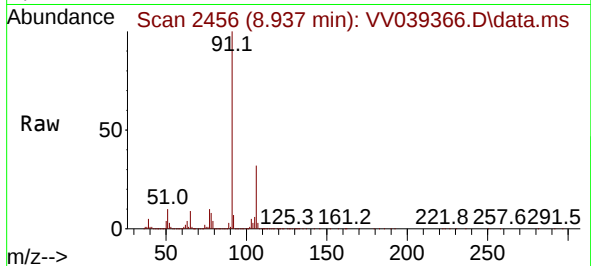




#67
Ethyl Benzene
Concen: 18.432 ug/l
RT: 8.937 min Scan# 2455
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

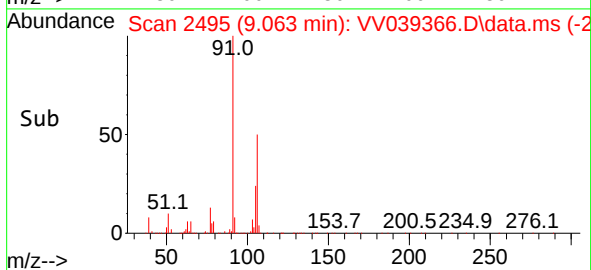
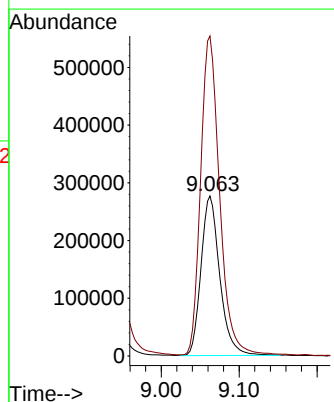
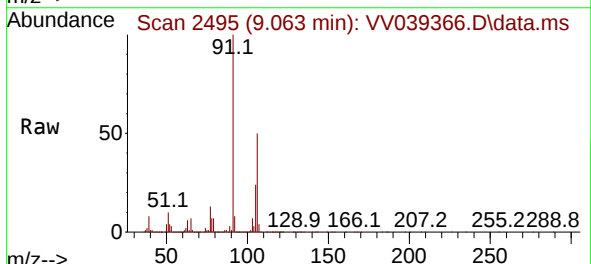
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

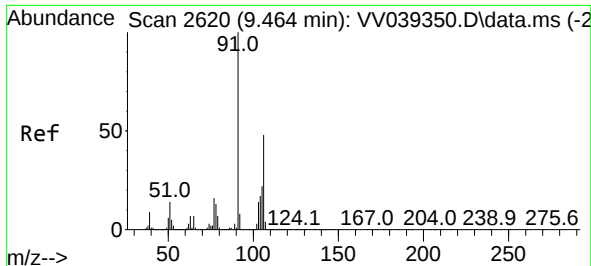
Tgt Ion: 91 Resp: 588504
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 38.301 ug/l
RT: 9.063 min Scan# 2495
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion:106 Resp: 461819
Ion Ratio Lower Upper
106 100
91 202.7 161.5 242.3

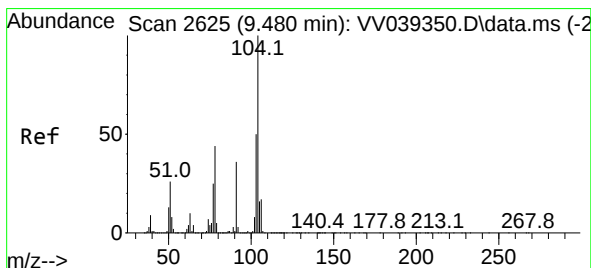
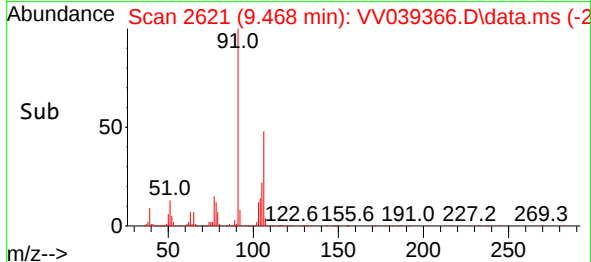
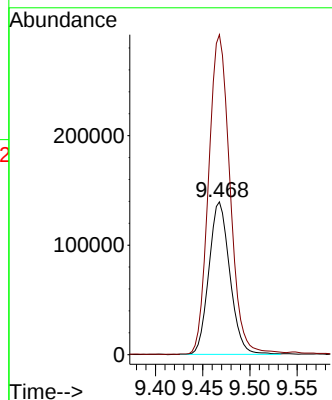
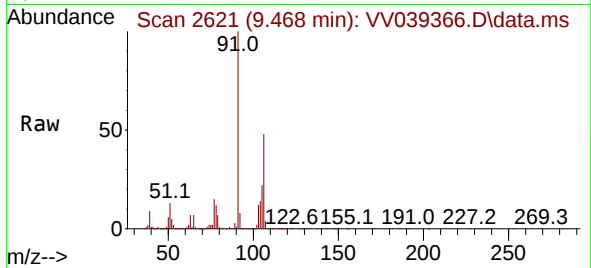




#69
o-Xylene
Concen: 18.824 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

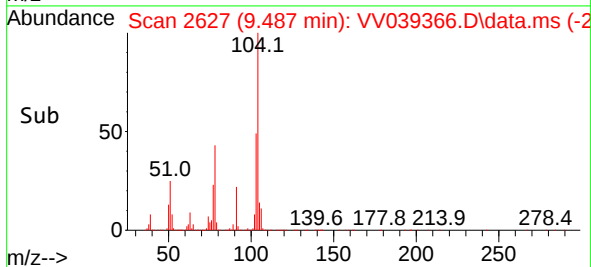
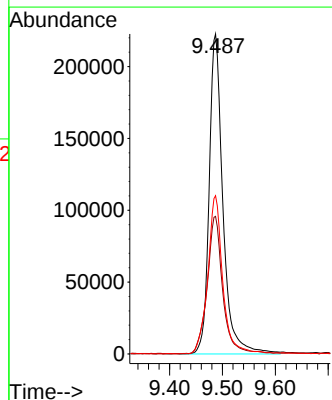
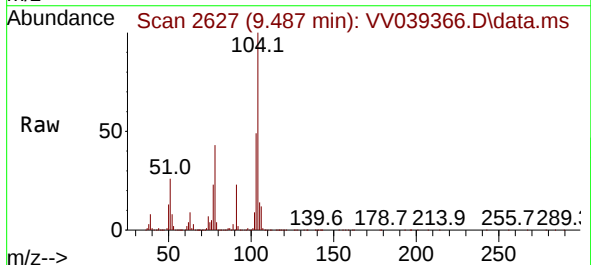
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

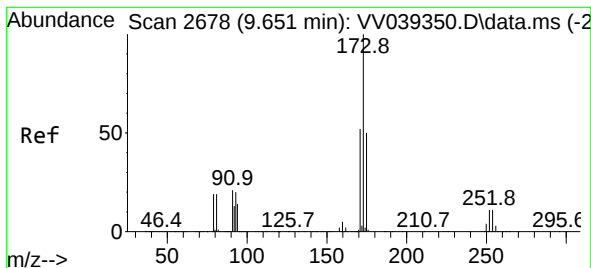
Tgt Ion:106 Resp: 214735
Ion Ratio Lower Upper
106 100
91 214.2 105.9 317.7



#70
Styrene
Concen: 19.753 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.006 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion:104 Resp: 402840
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.4
103 53.4 43.4 65.2





#71

Bromoform

Concen: 18.577 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Instrument :

MSVOA_V

ClientSampleId :

VV1112WBS01

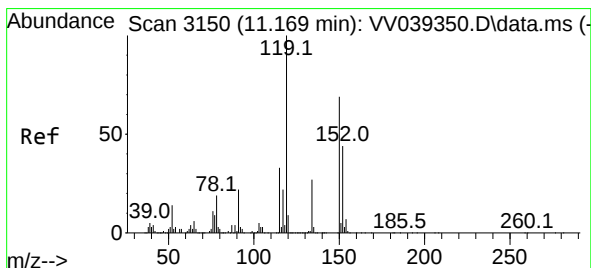
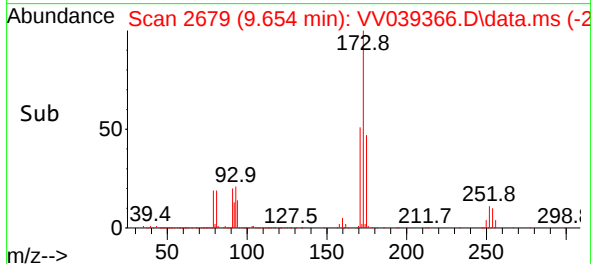
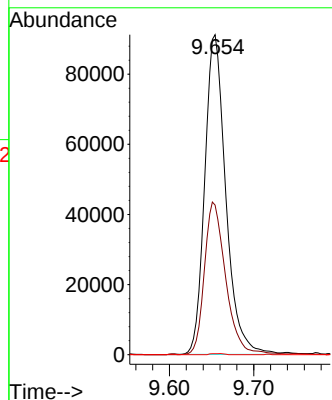
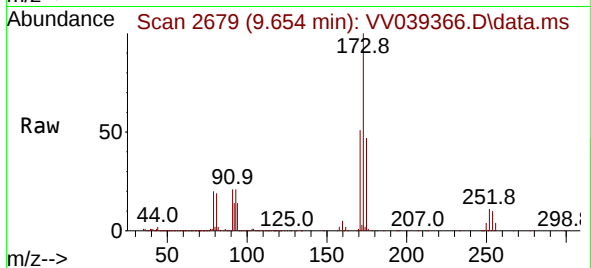
Tgt Ion:173 Resp: 158830

Ion Ratio Lower Upper

173 100

175 48.4 24.5 73.5

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

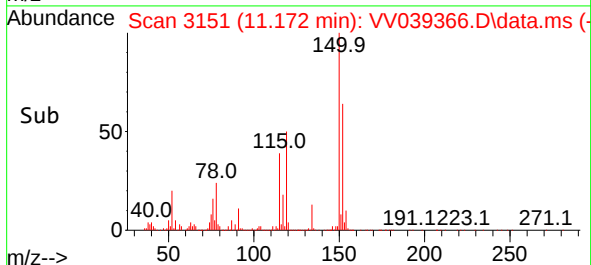
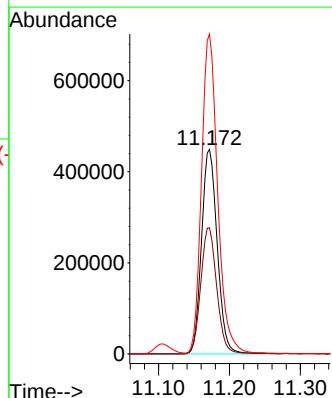
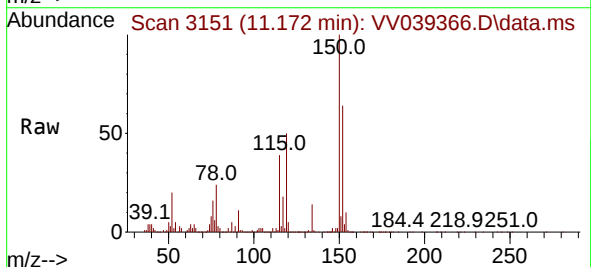
Tgt Ion:152 Resp: 690732

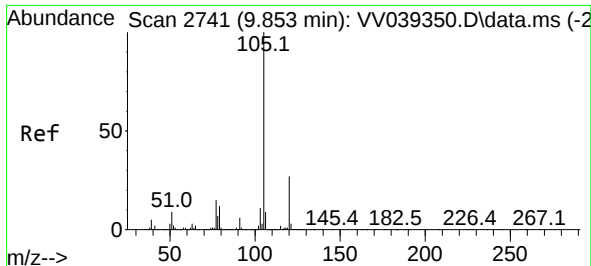
Ion Ratio Lower Upper

152 100

115 62.7 37.3 111.9

150 160.5 0.0 340.4

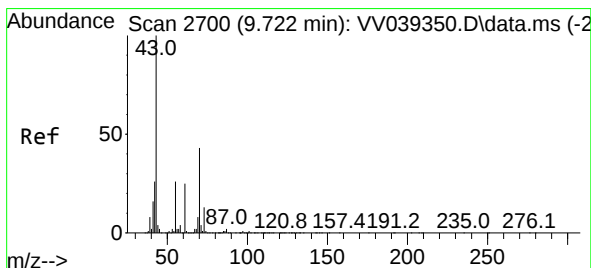
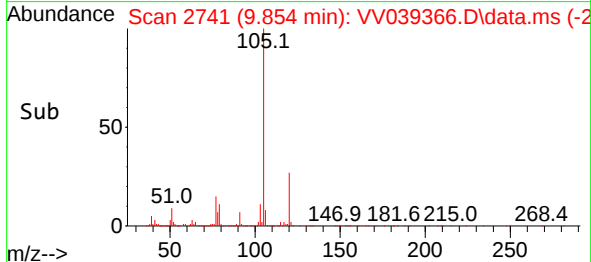
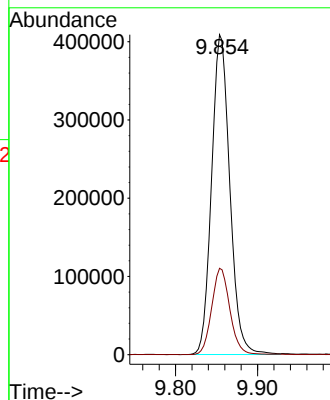
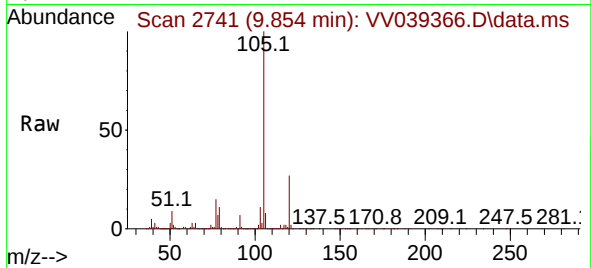




#73
Isopropylbenzene
Concen: 18.789 ug/l
RT: 9.854 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

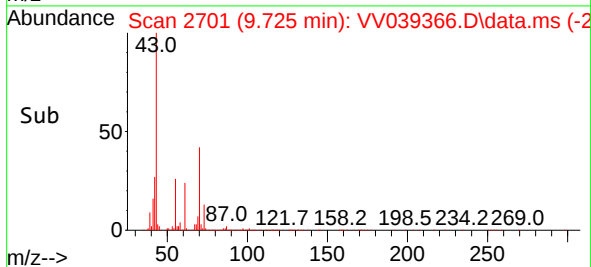
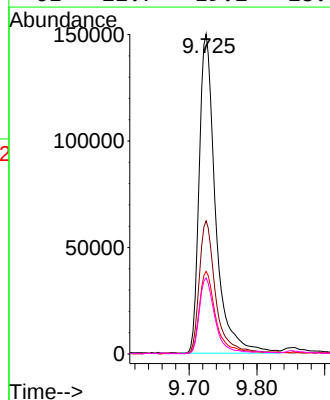
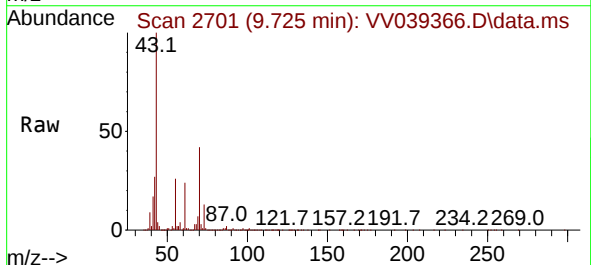
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

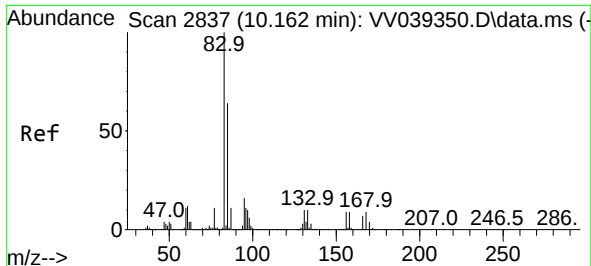
Tgt Ion:105 Resp: 633724
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#74
N-ethyl acetate
Concen: 18.967 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 43 Resp: 250673
Ion Ratio Lower Upper
43 100
70 41.9 34.6 51.8
55 26.1 21.0 31.6
61 22.7 19.2 28.8

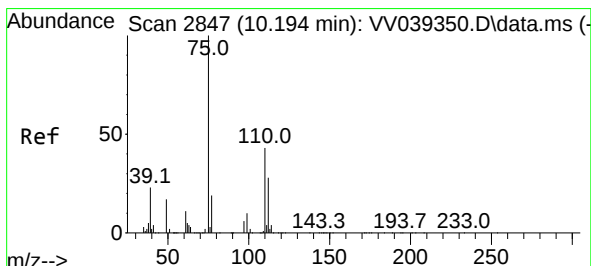
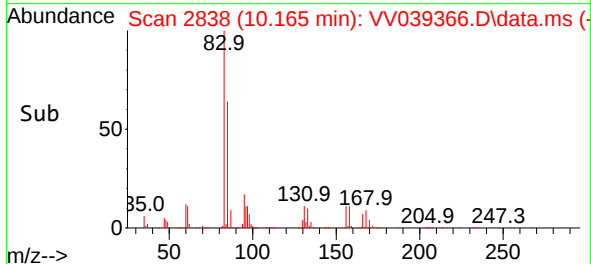
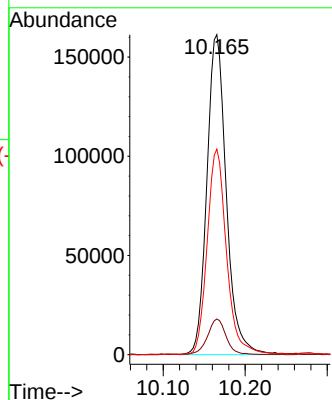
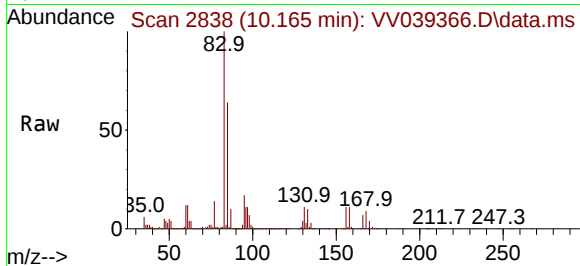




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.113 ug/l
 RT: 10.165 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV039366.D
 Acq: 12 Nov 2025 10:52

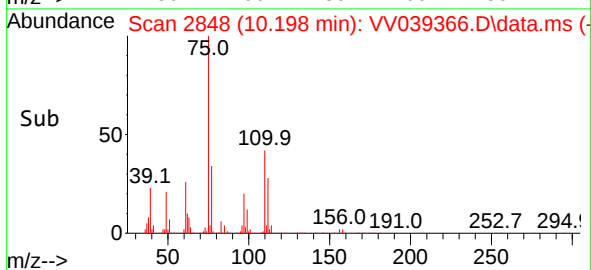
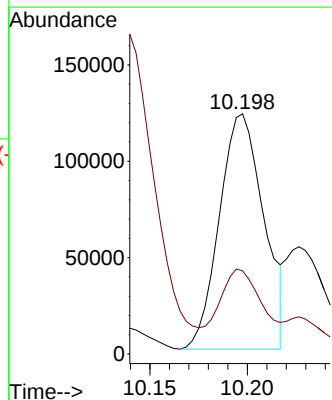
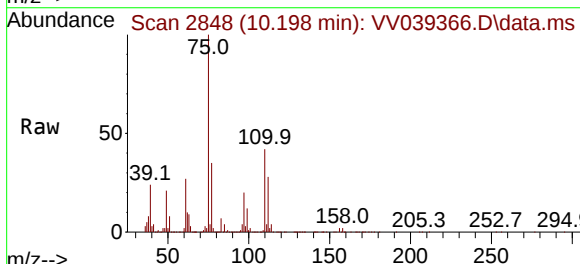
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1112WBS01

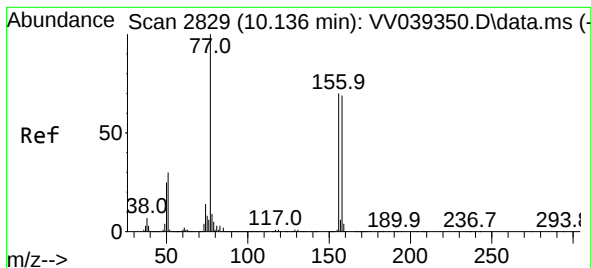
Tgt Ion: 83 Resp: 266090
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.4 16.2
 85 63.6 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 18.099 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. 0.003 min
 Lab File: VV039366.D
 Acq: 12 Nov 2025 10:52

Tgt Ion: 75 Resp: 194048
 Ion Ratio Lower Upper
 75 100
 77 21.1 11.8 35.3





#77

Bromobenzene

Concen: 18.317 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Instrument :

MSVOA_V

ClientSampleId :

VV1112WBS01

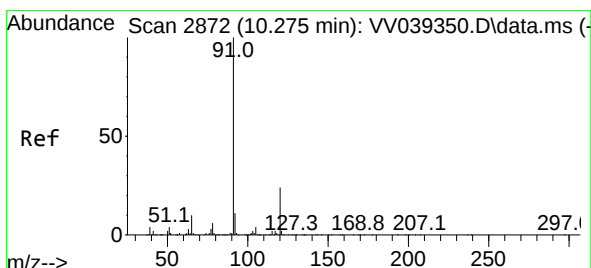
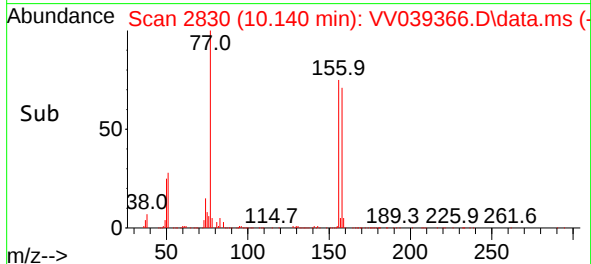
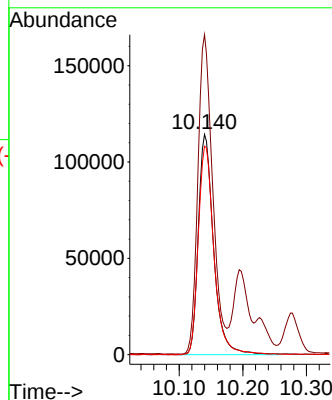
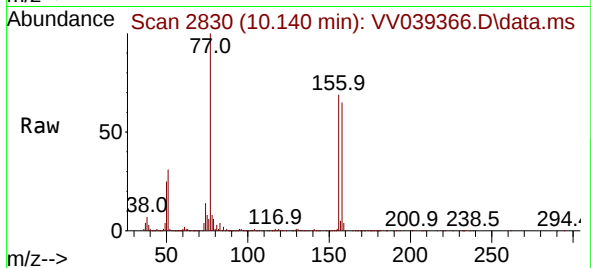
Tgt Ion:156 Resp: 190688

Ion Ratio Lower Upper

156 100

77 140.6 70.3 210.9

158 97.5 49.4 148.0



#78

n-propylbenzene

Concen: 19.248 ug/l

RT: 10.275 min Scan# 2872

Delta R.T. 0.000 min

Lab File: VV039366.D

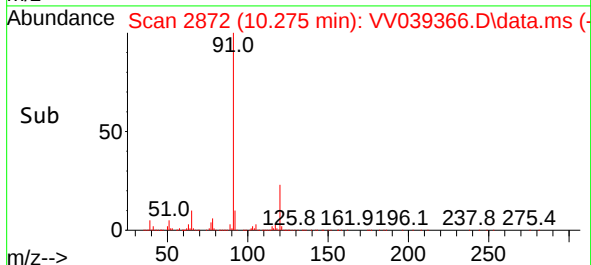
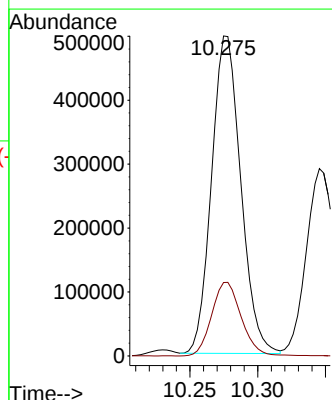
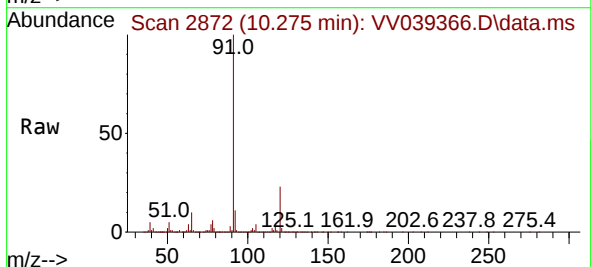
Acq: 12 Nov 2025 10:52

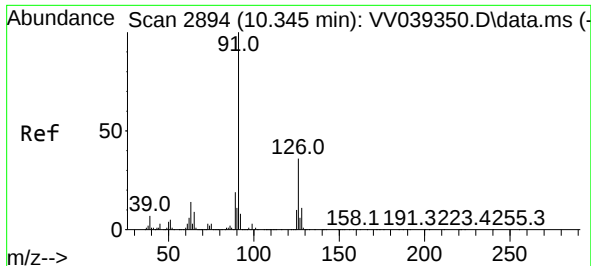
Tgt Ion: 91 Resp: 743720

Ion Ratio Lower Upper

91 100

120 23.5 12.0 36.0

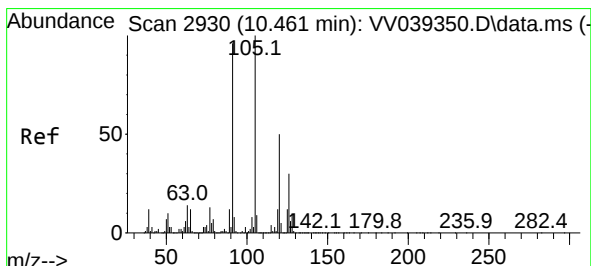
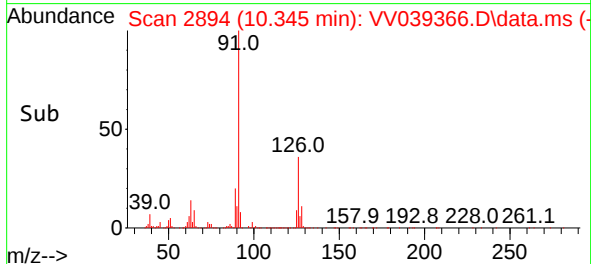
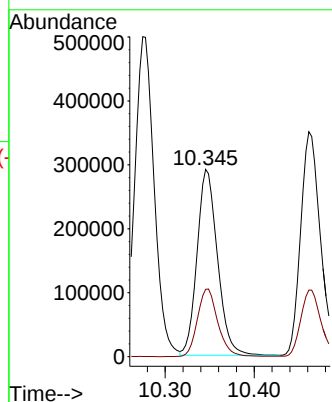
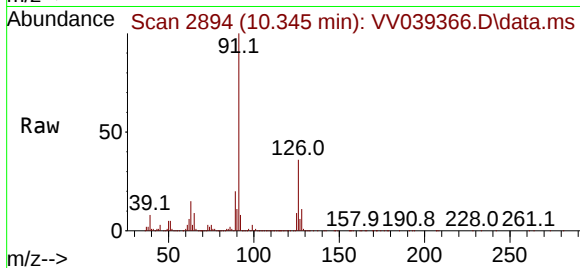




#79
2-Chlorotoluene
Concen: 18.740 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

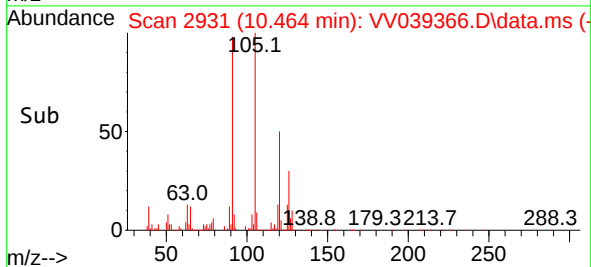
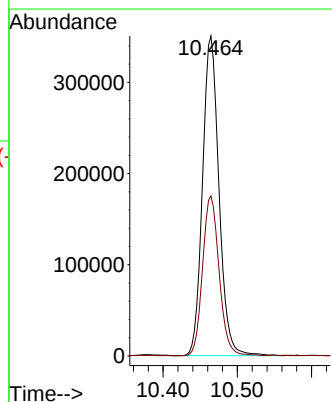
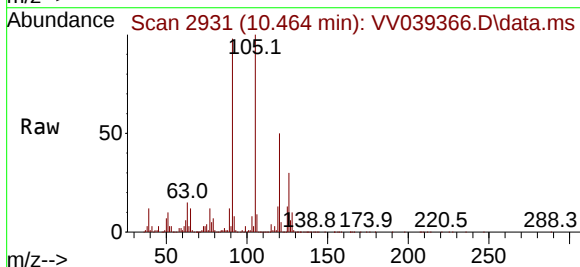
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

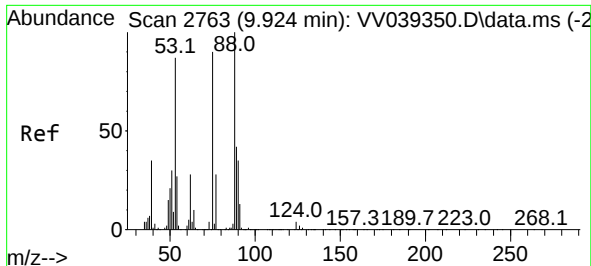
Tgt Ion: 91 Resp: 463481
Ion Ratio Lower Upper
91 100
126 36.7 17.6 52.8



#80
1,3,5-Trimethylbenzene
Concen: 19.552 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 105 Resp: 539164
Ion Ratio Lower Upper
105 100
120 50.4 25.1 75.4

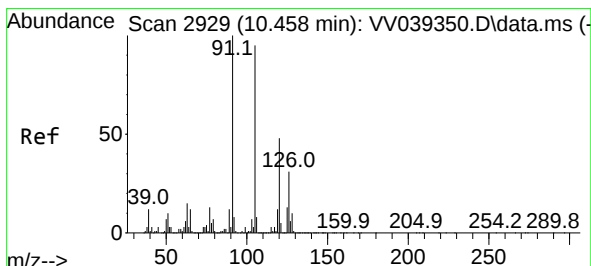
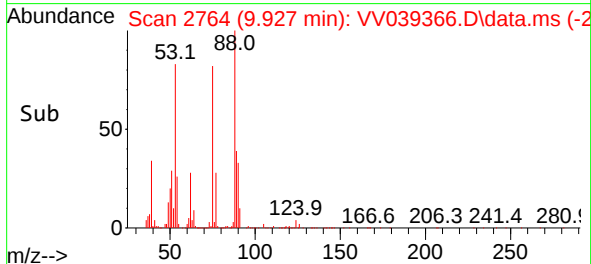
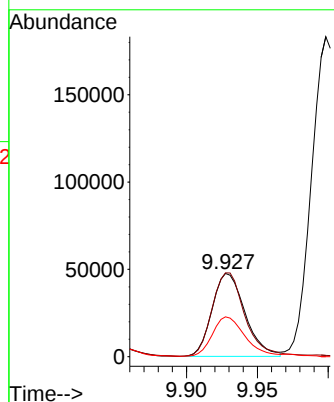
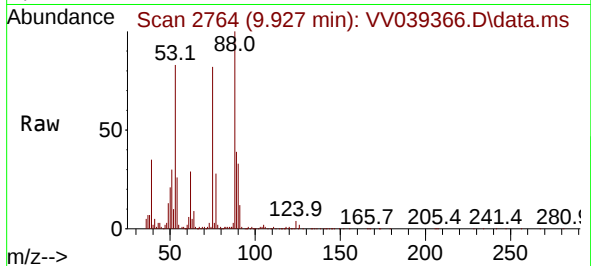




#81
trans-1,4-Dichloro-2-butene
Concen: 19.248 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

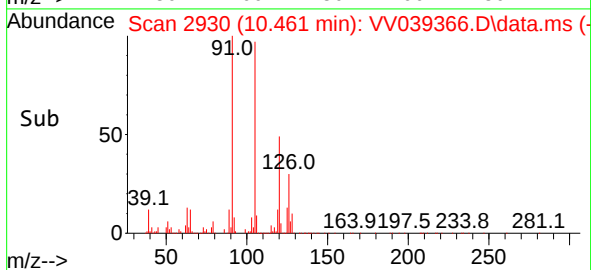
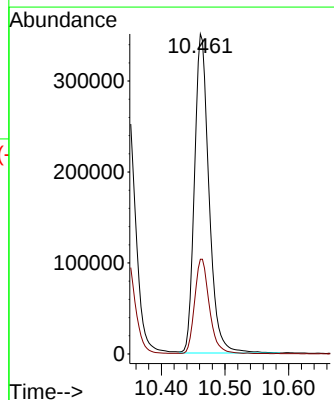
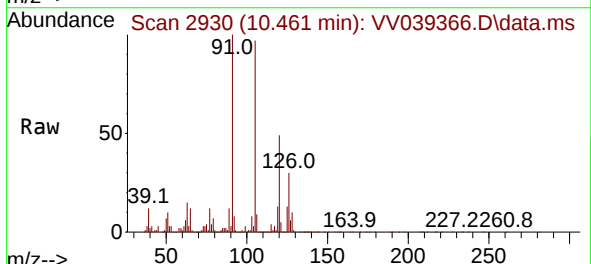
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

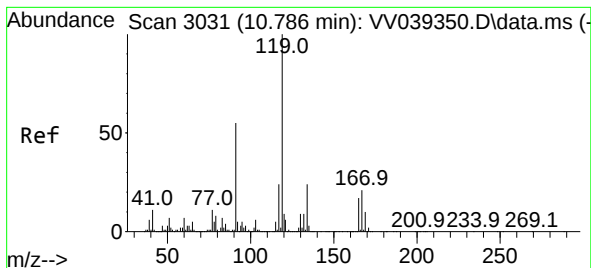
Tgt Ion: 75 Resp: 76982
Ion Ratio Lower Upper
75 100
53 101.1 79.0 118.6
89 49.6 40.4 60.6



#82
4-Chlorotoluene
Concen: 20.095 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 91 Resp: 555645
Ion Ratio Lower Upper
91 100
126 29.8 15.3 45.9





#83

tert-Butylbenzene

Concen: 18.477 ug/l

RT: 10.789 min Scan# 3031

Delta R.T. 0.003 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Instrument :

MSVOA_V

ClientSampleId :

VV1112WBS01

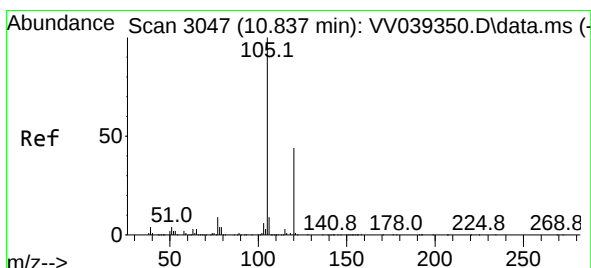
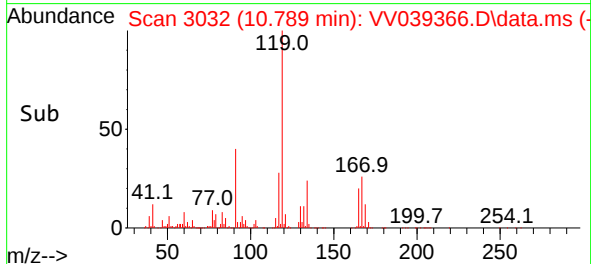
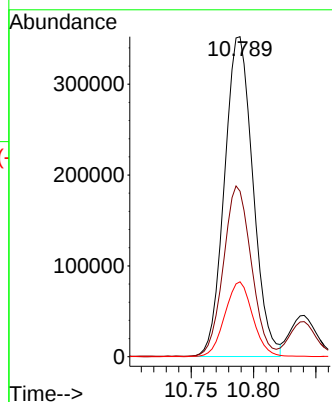
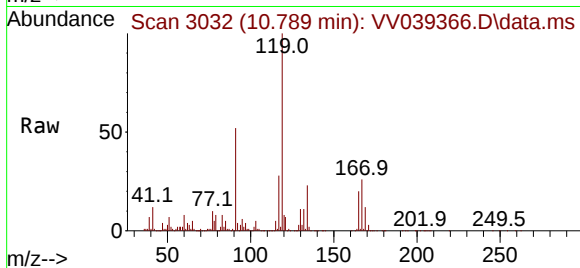
Tgt Ion:119 Resp: 560071

Ion Ratio Lower Upper

119 100

91 52.2 26.5 79.5

134 23.0 11.9 35.5



#84

1,2,4-Trimethylbenzene

Concen: 19.593 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV039366.D

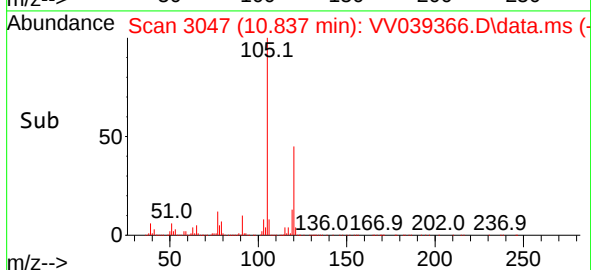
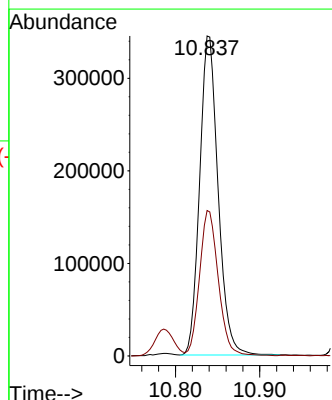
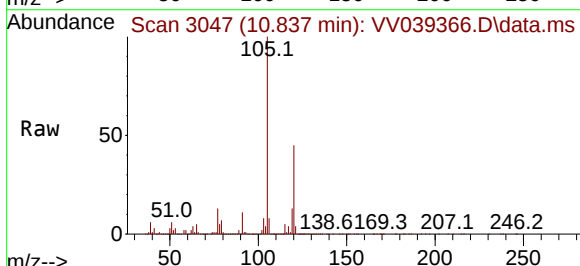
Acq: 12 Nov 2025 10:52

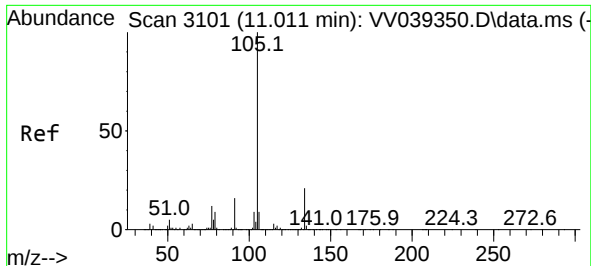
Tgt Ion:105 Resp: 526291

Ion Ratio Lower Upper

105 100

120 46.4 23.0 69.0

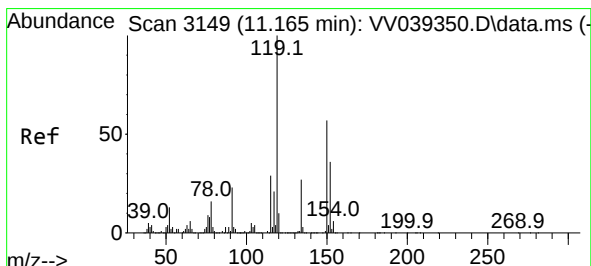
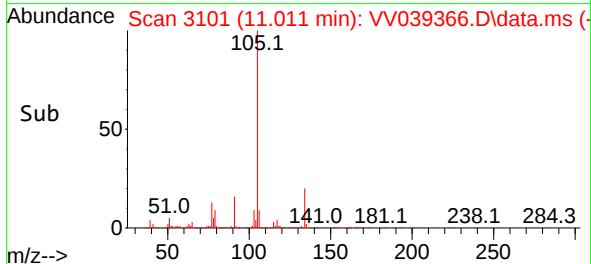
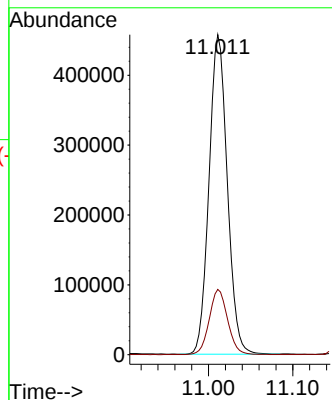
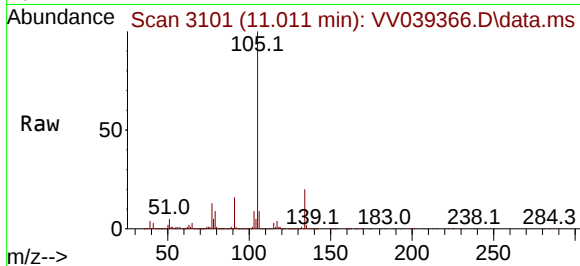




#85
 sec-Butylbenzene
 Concen: 19.188 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. 0.000 min
 Lab File: VV039366.D
 Acq: 12 Nov 2025 10:52

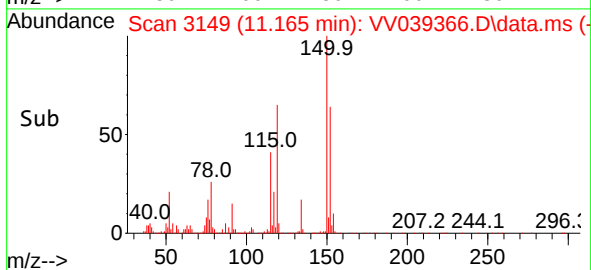
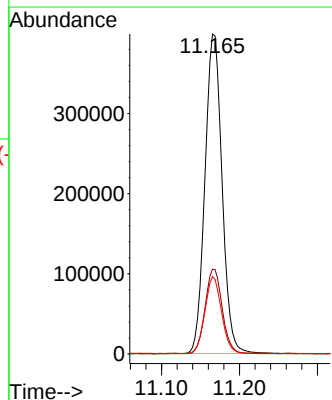
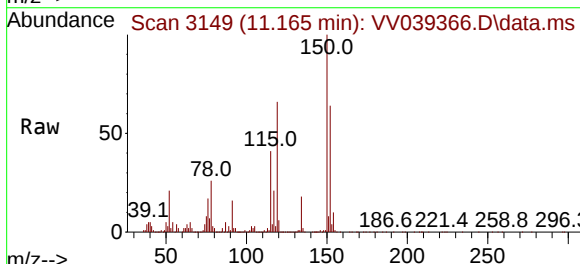
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1112WBS01

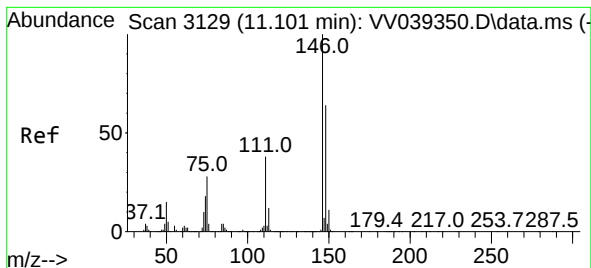
Tgt Ion:105 Resp: 689675
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 19.583 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VV039366.D
 Acq: 12 Nov 2025 10:52

Tgt Ion:119 Resp: 607356
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 23.4 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 18.673 ug/l

RT: 11.104 min Scan# 3129

Delta R.T. 0.003 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Instrument :

MSVOA_V

ClientSampleId :

VV1112WBS01

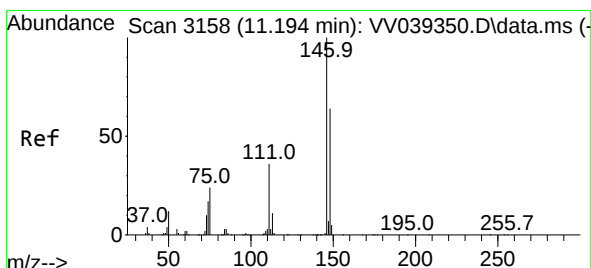
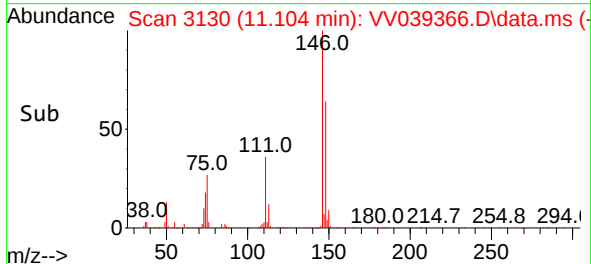
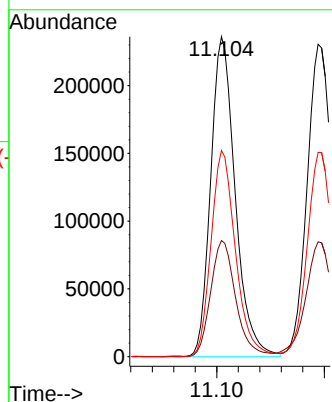
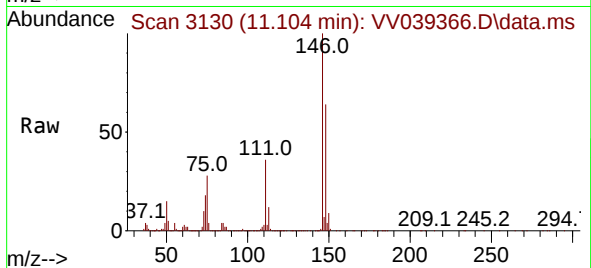
Tgt Ion:146 Resp: 372847

Ion Ratio Lower Upper

146 100

111 37.0 18.8 56.4

148 64.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 17.803 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. 0.000 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

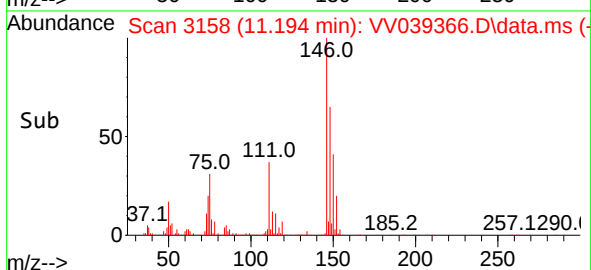
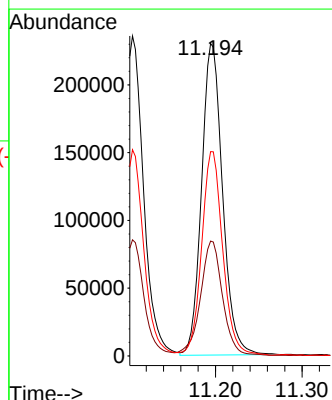
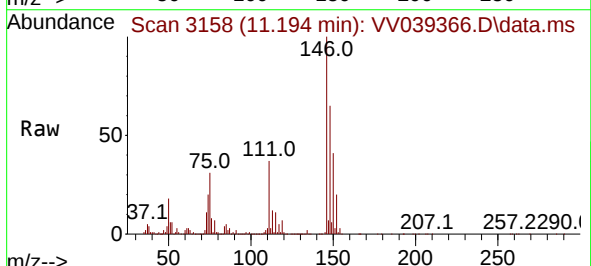
Tgt Ion:146 Resp: 387591

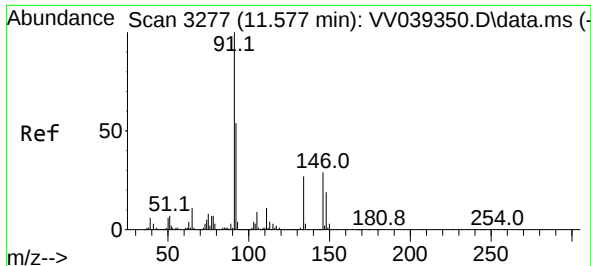
Ion Ratio Lower Upper

146 100

111 38.6 18.6 55.8

148 65.7 32.0 96.2

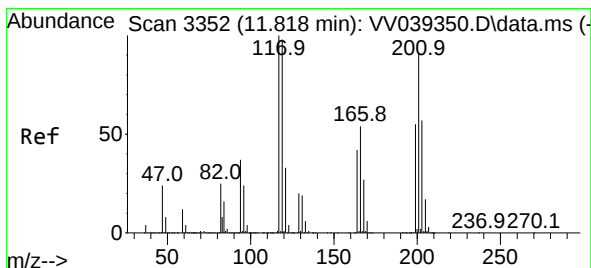
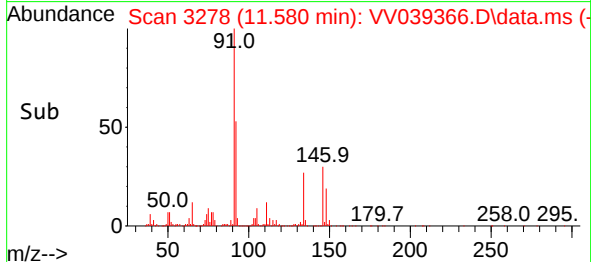
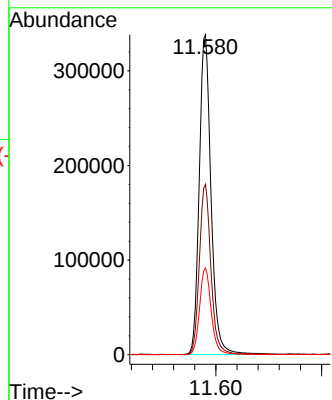
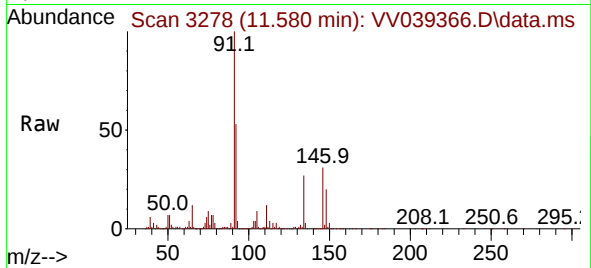




#89
n-Butylbenzene
Concen: 18.904 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

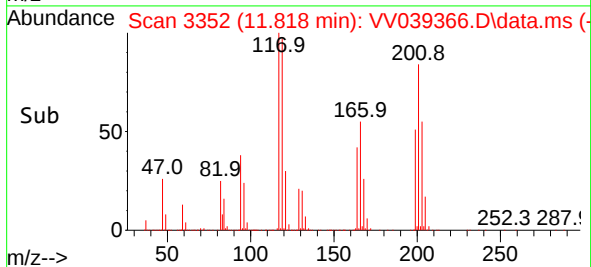
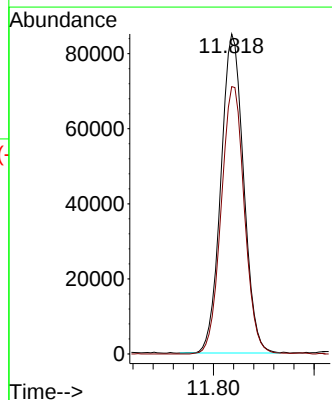
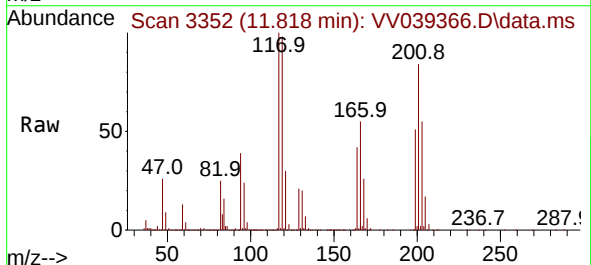
Instrument :
MSVOA_V
ClientSampleId :
VV1112WBS01

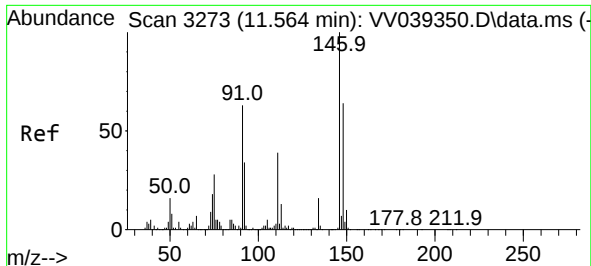
Tgt Ion: 91 Resp: 522816
Ion Ratio Lower Upper
91 100
92 52.4 26.9 80.7
134 26.5 13.5 40.5



#90
Hexachloroethane
Concen: 17.264 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VV039366.D
Acq: 12 Nov 2025 10:52

Tgt Ion: 117 Resp: 133444
Ion Ratio Lower Upper
117 100
201 85.6 45.3 135.8

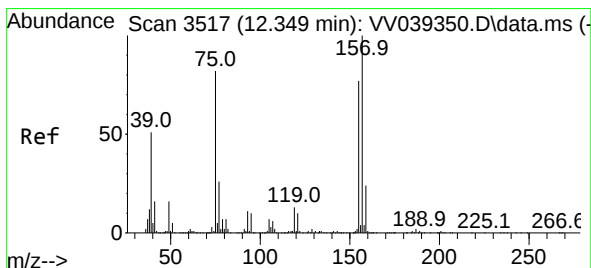
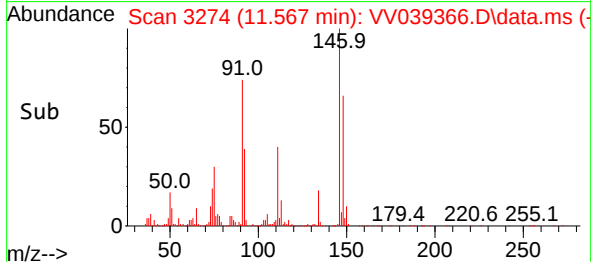
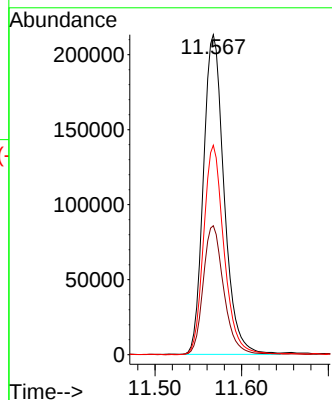
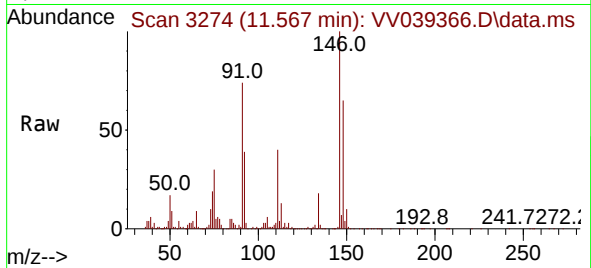




#91
 1,2-Dichlorobenzene
 Concen: 18.049 ug/l
 RT: 11.567 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV039366.D
 Acq: 12 Nov 2025 10:52

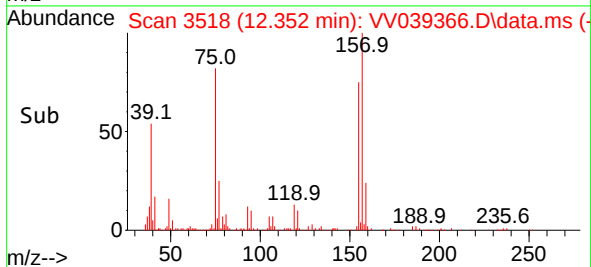
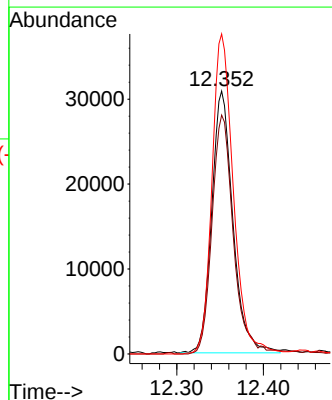
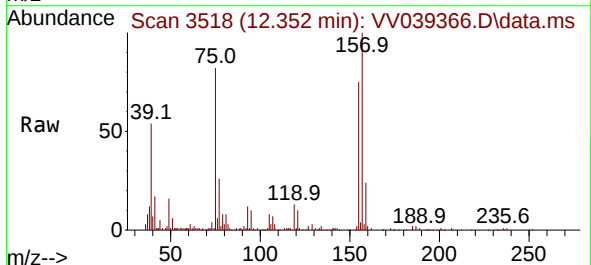
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1112WBS01

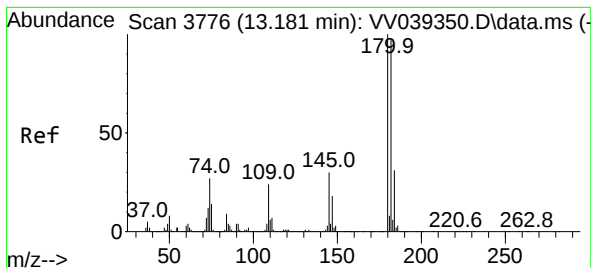
Tgt Ion:146 Resp: 352691
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.5 58.5
 148 64.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.415 ug/l
 RT: 12.352 min Scan# 3518
 Delta R.T. 0.003 min
 Lab File: VV039366.D
 Acq: 12 Nov 2025 10:52

Tgt Ion: 75 Resp: 52593
 Ion Ratio Lower Upper
 75 100
 155 92.1 47.0 141.2
 157 123.1 61.3 183.9





#93

1,2,4-Trichlorobenzene

Concen: 18.904 ug/l

RT: 13.185 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Instrument :

MSVOA_V

ClientSampleId :

VV1112WBS01

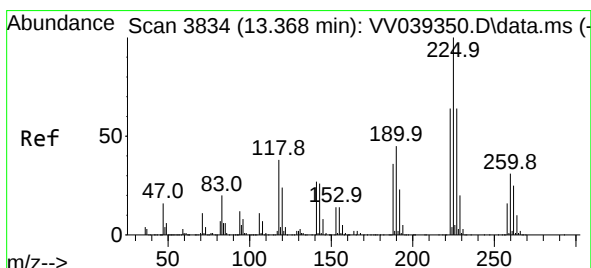
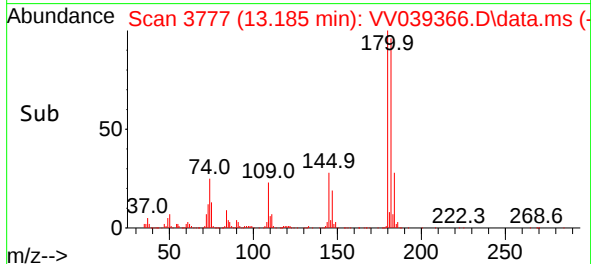
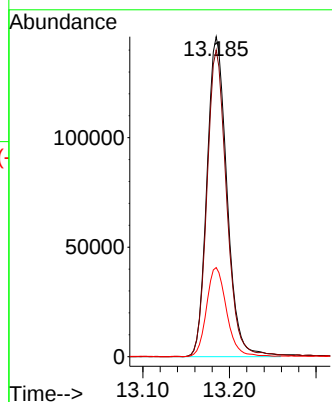
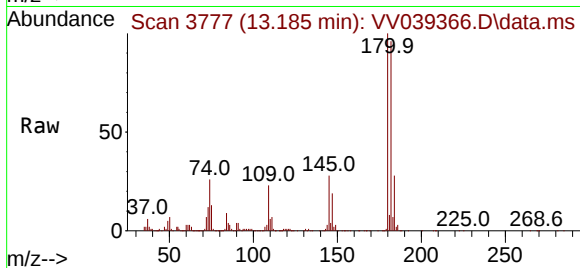
Tgt Ion:180 Resp: 234370

Ion Ratio Lower Upper

180 100

182 94.4 48.5 145.5

145 28.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 18.705 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

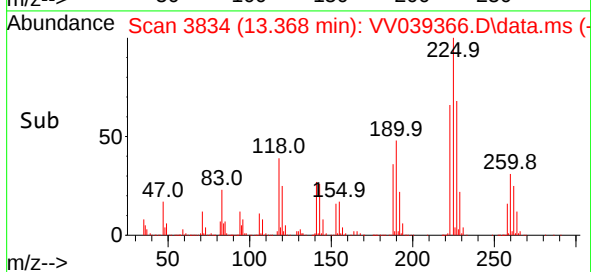
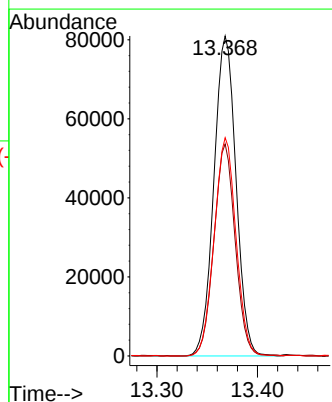
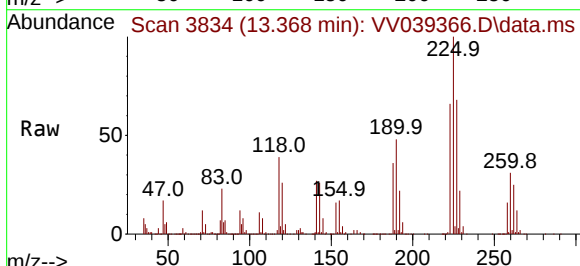
Tgt Ion:225 Resp: 123693

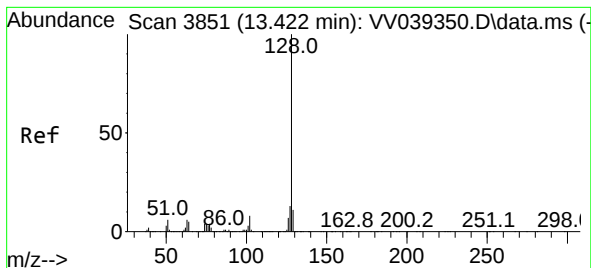
Ion Ratio Lower Upper

225 100

223 63.6 31.1 93.5

227 67.3 31.7 95.1





#95

Naphthalene

Concen: 18.684 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Instrument :

MSVOA_V

ClientSampleId :

VV1112WBS01

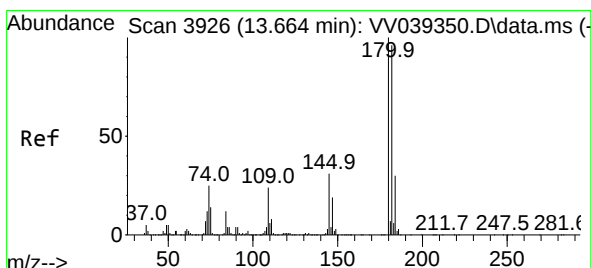
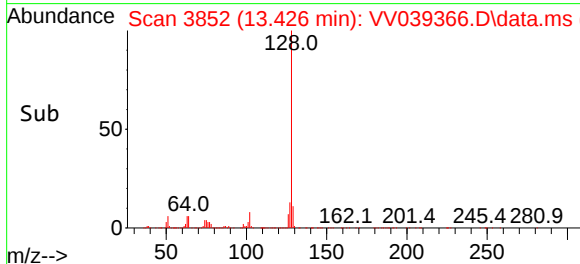
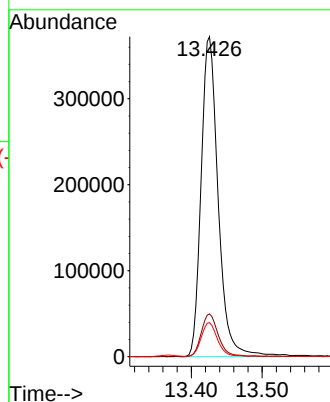
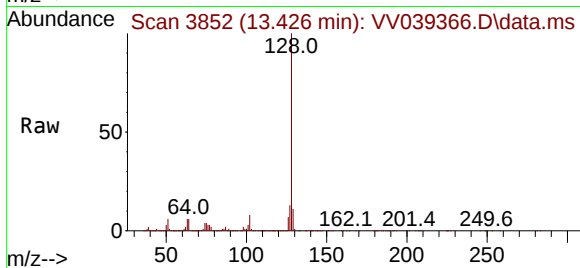
Tgt Ion:128 Resp: 620813

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.561 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV039366.D

Acq: 12 Nov 2025 10:52

Tgt Ion:180 Resp: 237403

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.6

145 31.7 15.3 45.9

