

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039021.D
 Acq On : 25 Aug 2025 09:29
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 26 02:28:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 02:27:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	493051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	871571	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	789482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	369593	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.969	65	9572	1.346	ug/l	0.03
Spiked Amount	50.000	Range	81 - 118	Recovery	=	2.700%#
35) Dibromofluoromethane	4.522	113	8261	1.316	ug/l	0.02
Spiked Amount	50.000	Range	80 - 119	Recovery	=	2.640%#
50) Toluene-d8	7.252	98	23002	1.035	ug/l	0.02
Spiked Amount	50.000	Range	89 - 112	Recovery	=	2.080%#
62) 4-Bromofluorobenzene	10.014	95	9762	1.199	ug/l	0.01
Spiked Amount	50.000	Range	85 - 114	Recovery	=	2.400%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	7160	1.084	ug/l	98
3) Chloromethane	1.230	50	7756	1.102	ug/l #	85
4) Vinyl Chloride	1.294	62	8582	1.046	ug/l	93
5) Bromomethane	1.500	94	4742	1.150	ug/l	91
6) Chloroethane	1.561	64	4471	0.921	ug/l	96
7) Trichlorofluoromethane	1.725	101	13242	1.121	ug/l	97
8) Diethyl Ether	1.918	74	5209	1.163	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.079	101	8177	1.149	ug/l	98
10) Methyl Iodide	2.198	142	6123	5.952	ug/l	98
11) Tert butyl alcohol	2.571	59	5706	4.470	ug/l #	90
12) 1,1-Dichloroethene	2.079	96	7863	1.154	ug/l	86
13) Acrolein	2.008	56	7087	12.296	ug/l	95
14) Allyl chloride	2.362	41	10978	1.024	ug/l #	82
15) Acrylonitrile	2.696	53	16308	4.284	ug/l	90
16) Acetone	2.121	43	29896	6.656	ug/l	95
17) Carbon Disulfide	2.252	76	21398	1.131	ug/l	99
18) Methyl Acetate	2.400	43	4642	0.531	ug/l	95
19) Methyl tert-butyl Ether	2.706	73	18596	0.926	ug/l	98
20) Methylene Chloride	2.461	84	7985	1.089	ug/l	88
21) trans-1,2-Dichloroethene	2.706	96	7515	1.101	ug/l	88
22) Diisopropyl ether	3.211	45	16680	0.855	ug/l #	34
23) Vinyl Acetate	3.217	43	57863	3.616	ug/l	98
24) 1,1-Dichloroethane	3.124	63	12565	1.028	ug/l	96
25) 2-Butanone	3.854	43	193	0.039	ug/l #	47
26) 2,2-Dichloropropane	3.805	77	11546	1.099	ug/l #	73
27) cis-1,2-Dichloroethene	3.841	96	6152	0.813	ug/l	72
28) Bromochloromethane	4.156	49	1661	0.502	ug/l #	93
29) Tetrahydrofuran	4.265	42	9590	3.149	ug/l #	88
30) Chloroform	4.285	83	13310	1.047	ug/l	88
31) Cyclohexane	4.590	56	19166	1.773	ug/l #	46
32) 1,1,1-Trichloroethane	4.516	97	11679	1.043	ug/l #	51
36) 1,1-Dichloropropene	4.754	75	5261	0.624	ug/l	94
37) Ethyl Acetate	3.928	43	5344	0.540	ug/l #	86
38) Carbon Tetrachloride	4.738	117	10452	1.035	ug/l #	88
39) Methylcyclohexane	6.046	83	9732	0.899	ug/l	92
40) Benzene	5.030	78	26811	0.995	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.211	41	573	1.235	ug/l #	41
42) 1,2-Dichloroethane	5.059	62	6369	0.678	ug/l	87
43) Isopropyl Acetate	5.236	43	8571	0.608	ug/l #	86
44) Trichloroethene	5.850	130	6748	0.997	ug/l	94
45) 1,2-Dichloropropane	6.104	63	6923	1.010	ug/l	93
46) Dibromomethane	6.249	93	5489	1.056	ug/l #	61
47) Bromodichloromethane	6.436	83	11309	1.056	ug/l #	90
48) Methyl methacrylate	6.275	41	368	0.054	ug/l #	55
49) 1,4-Dioxane	6.284	88	79	0.679	ug/l #	1
51) 4-Methyl-2-Pentanone	7.159	43	33950	3.397	ug/l	90
52) Toluene	7.323	92	16590	0.965	ug/l	100
53) t-1,3-Dichloropropene	7.603	75	7250	0.705	ug/l	95
54) cis-1,3-Dichloropropene	6.966	75	10099	0.914	ug/l	92
55) 1,1,2-Trichloroethane	7.773	97	7106	0.991	ug/l #	91
56) Ethyl methacrylate	7.747	69	6633	0.697	ug/l #	74
57) 1,3-Dichloropropane	7.950	76	10804	0.933	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.844	63	8960	8.832	ug/l #	89
59) 2-Hexanone	8.088	43	15664	2.119	ug/l	81
60) Dibromochloromethane	8.175	129	8726	1.052	ug/l	94
61) 1,2-Dibromoethane	8.284	107	6233	0.842	ug/l	84
64) Tetrachloroethene	7.902	164	5785	1.031	ug/l	93
65) Chlorobenzene	8.805	112	19049	1.008	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.902	131	6435	0.976	ug/l #	64
67) Ethyl Benzene	8.947	91	26914	0.901	ug/l	99
68) m/p-Xylenes	9.069	106	19968	1.738	ug/l	98
69) o-Xylene	9.477	106	8395	0.798	ug/l	80
70) Styrene	9.503	104	14697	0.793	ug/l	94
71) Bromoform	9.660	173	5179	0.971	ug/l #	97
73) Isopropylbenzene	9.863	105	22913	0.885	ug/l	98
74) N-amyl acetate	9.744	43	5768	0.542	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	10.172	83	11207	1.098	ug/l	99
76) 1,2,3-Trichloropropane	10.207	75	6665	0.919	ug/l #	42
77) Bromobenzene	10.152	156	6156	0.959	ug/l	99
78) n-propylbenzene	10.284	91	25769	0.843	ug/l	98
79) 2-Chlorotoluene	10.352	91	18413	0.977	ug/l	99
80) 1,3,5-Trimethylbenzene	10.471	105	17796	0.837	ug/l	93
81) trans-1,4-Dichloro-2-b...	9.950	75	1866	0.566	ug/l #	54
82) 4-Chlorotoluene	10.474	91	15961	0.745	ug/l	89
83) tert-Butylbenzene	10.792	119	19294	0.892	ug/l	99
84) 1,2,4-Trimethylbenzene	10.847	105	16525	0.794	ug/l	96
85) sec-Butylbenzene	11.014	105	25647	0.902	ug/l	99
86) p-Isopropyltoluene	11.172	119	20635	0.870	ug/l	93
87) 1,3-Dichlorobenzene	11.114	146	12284	0.958	ug/l	98
88) 1,4-Dichlorobenzene	11.114	146	12284	0.889	ug/l	98
89) n-Butylbenzene	11.586	91	20636	0.902	ug/l	98
90) Hexachloroethane	11.818	117	5984	1.130	ug/l	99
91) 1,2-Dichlorobenzene	11.580	146	13148	1.057	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.361	75	2550	1.150	ug/l	83
93) 1,2,4-Trichlorobenzene	13.201	180	6223	0.863	ug/l	92
94) Hexachlorobutadiene	13.371	225	3781	1.122	ug/l	94
95) Naphthalene	13.438	128	24473	0.979	ug/l	100
96) 1,2,3-Trichlorobenzene	13.673	180	6773	0.927	ug/l	98

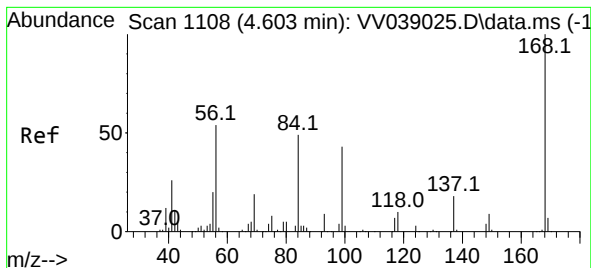
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 1106

Delta R.T. -0.007 min

Lab File: VV039021.D

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Instrument :

MSVOA_V

ClientSampleId :

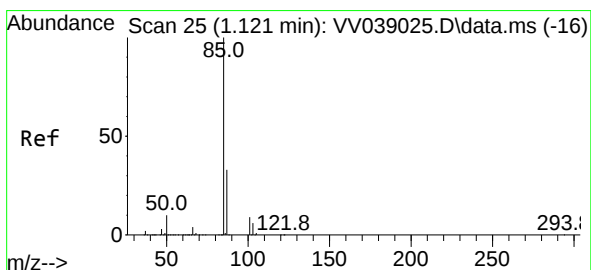
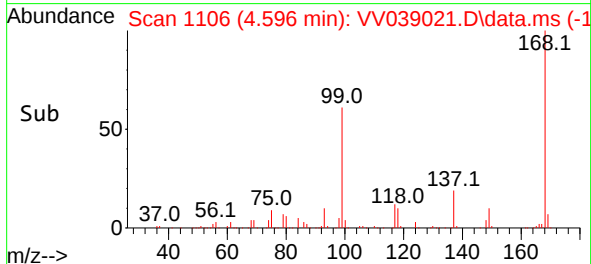
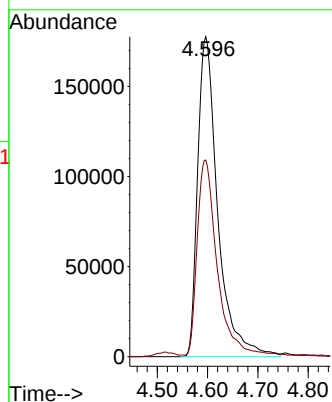
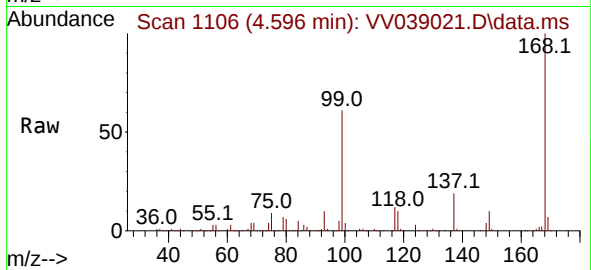
VSTDIC001

Tgt Ion:168 Resp: 493051

Ion Ratio Lower Upper

168 100

99 61.0 47.8 71.8



#2

Dichlorodifluoromethane

Concen: 1.084 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039021.D

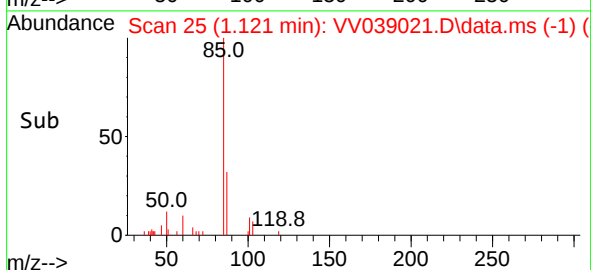
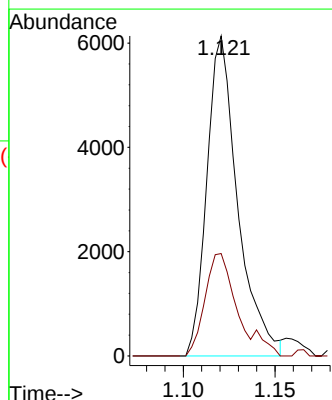
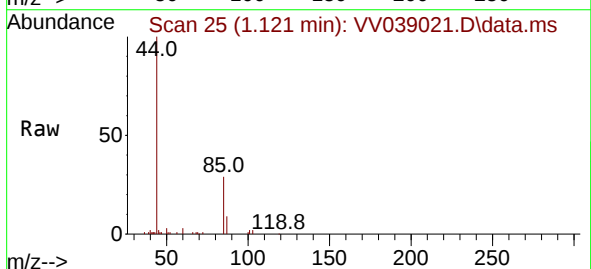
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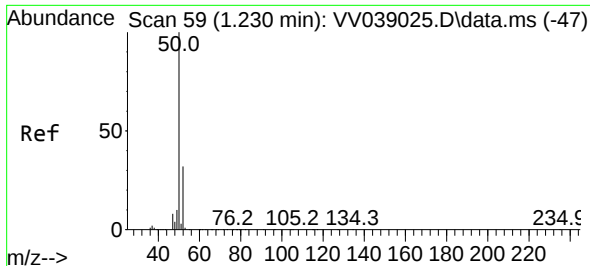
Tgt Ion: 85 Resp: 7160

Ion Ratio Lower Upper

85 100

87 32.0 16.6 49.8

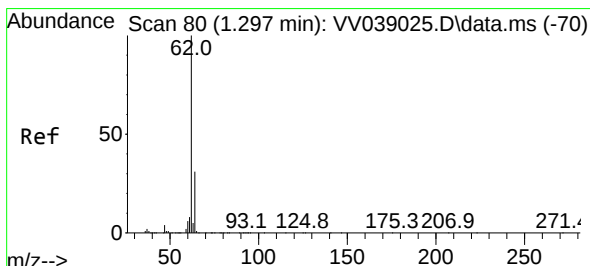
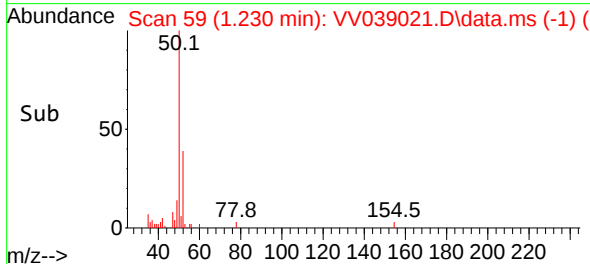
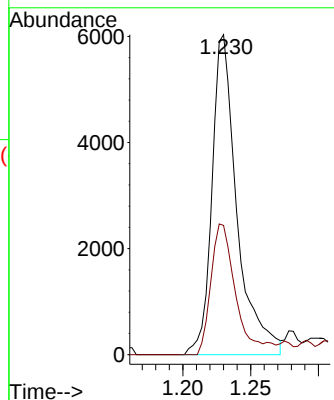
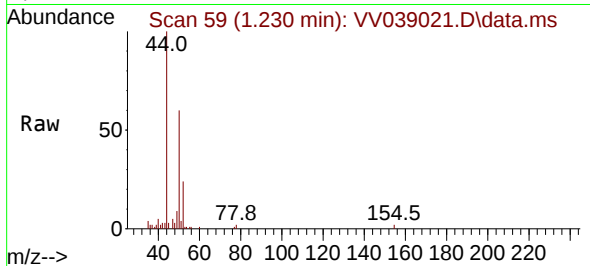




#3
Chloromethane
Concen: 1.102 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

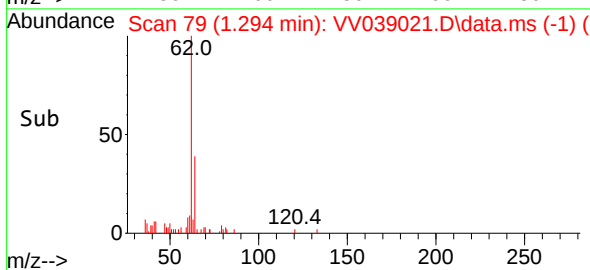
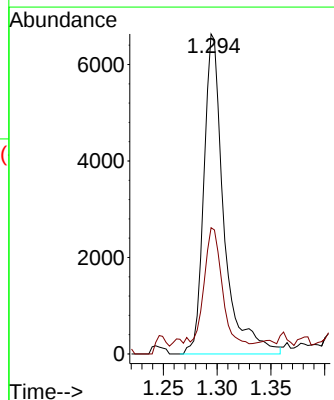
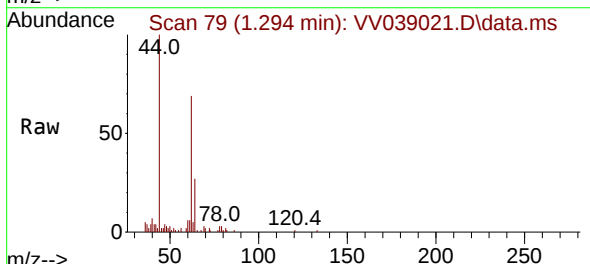
Instrument :
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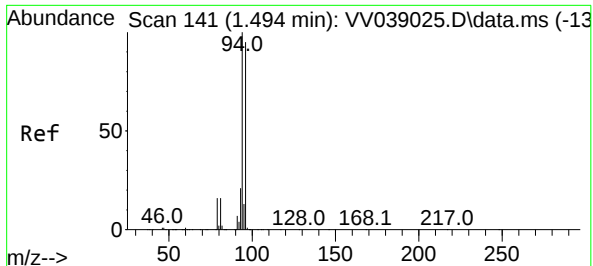
Tgt Ion: 50 Resp: 7756
Ion Ratio Lower Upper
50 100
52 40.4 25.6 38.4#



#4
Vinyl Chloride
Concen: 1.046 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 62 Resp: 8582
Ion Ratio Lower Upper
62 100
64 34.9 24.7 37.1

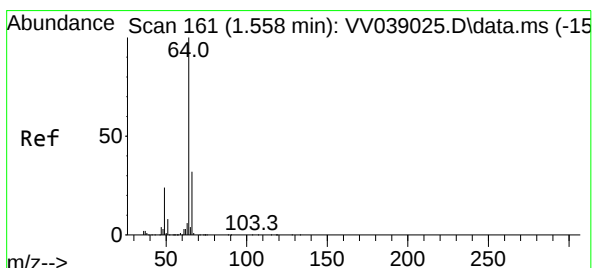
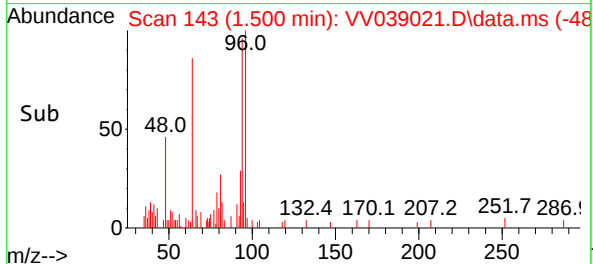
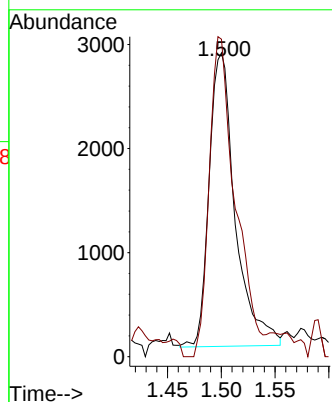
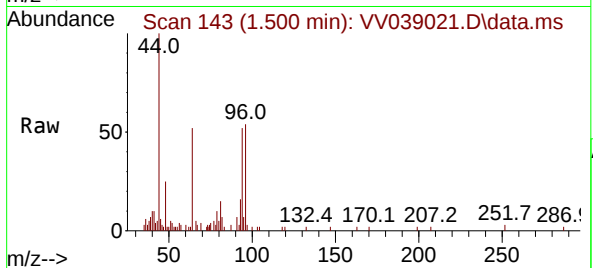




#5
Bromomethane
Concen: 1.150 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.006 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

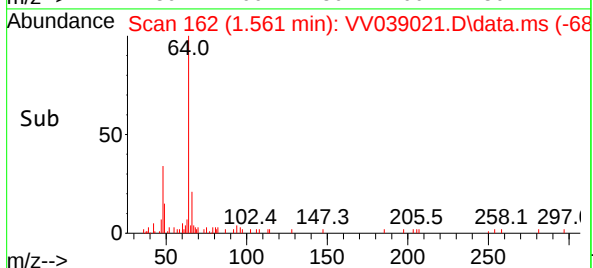
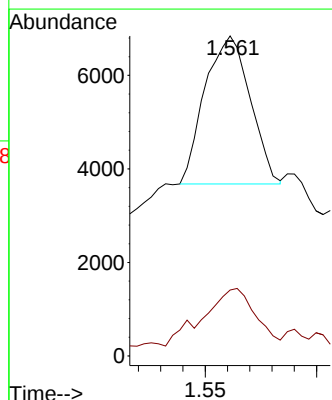
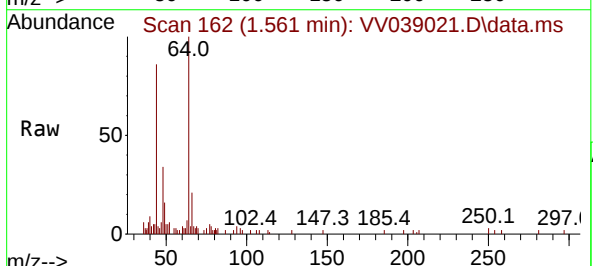
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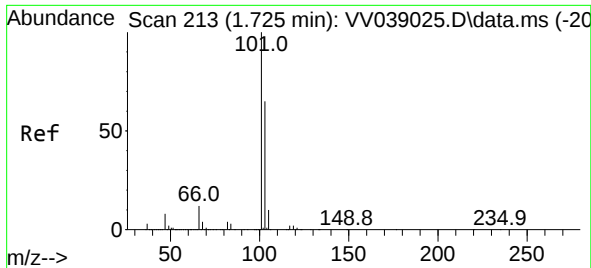
Tgt Ion: 94 Resp: 4742
Ion Ratio Lower Upper
94 100
96 104.3 76.2 114.2



#6
Chloroethane
Concen: 0.921 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 64 Resp: 4471
Ion Ratio Lower Upper
64 100
66 33.9 25.4 38.2

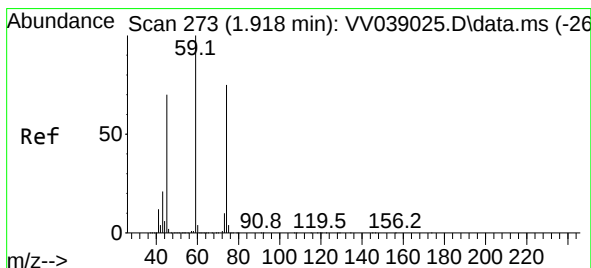
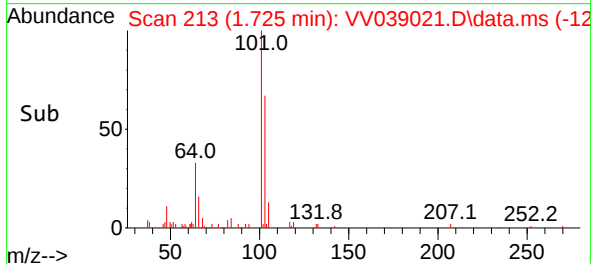
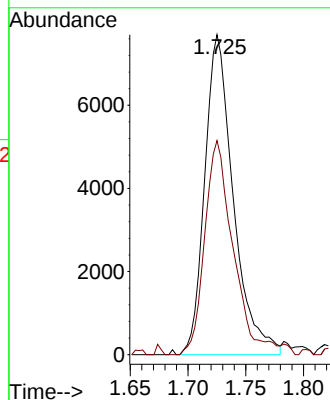
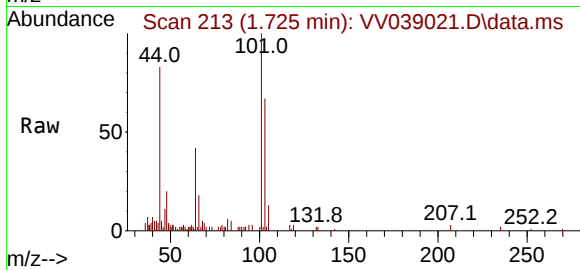




#7
 Trichlorofluoromethane
 Concen: 1.121 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV039021.D
 Acq: 25 Aug 2025 09:29

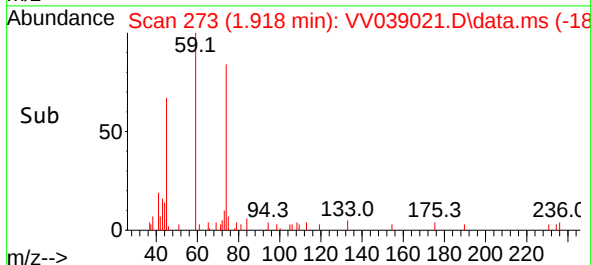
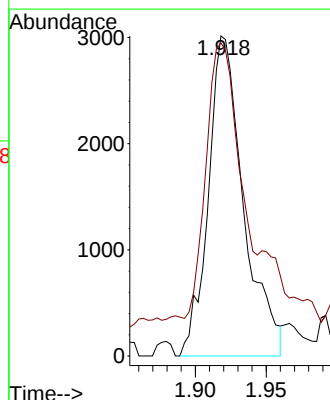
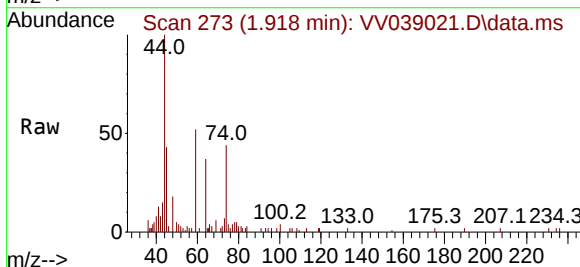
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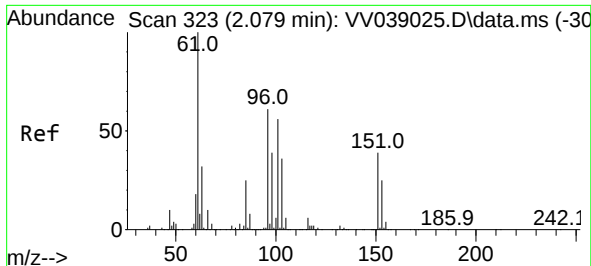
Tgt Ion:101 Resp: 13242
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.7 77.5



#8
 Diethyl Ether
 Concen: 1.163 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. -0.000 min
 Lab File: VV039021.D
 Acq: 25 Aug 2025 09:29

Tgt Ion: 74 Resp: 5209
 Ion Ratio Lower Upper
 74 100
 45 82.1 48.1 144.4

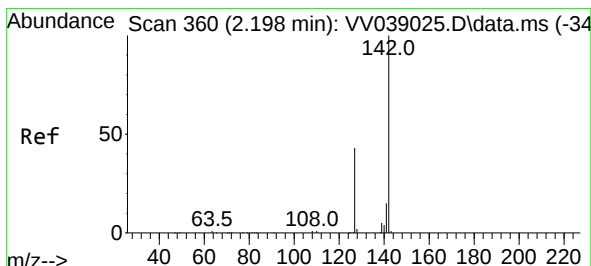
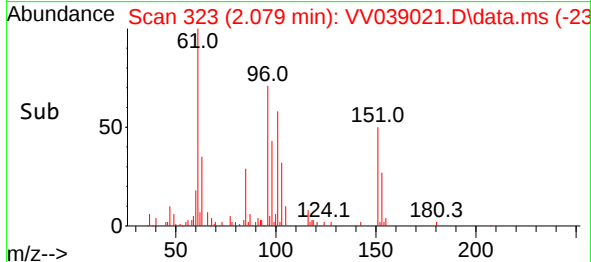
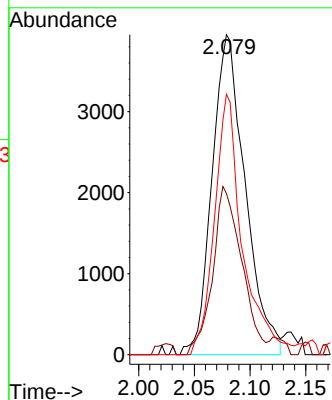
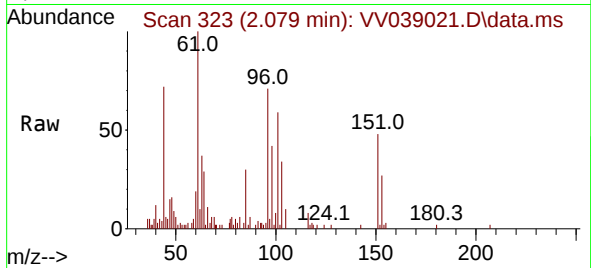




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.149 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039021.D
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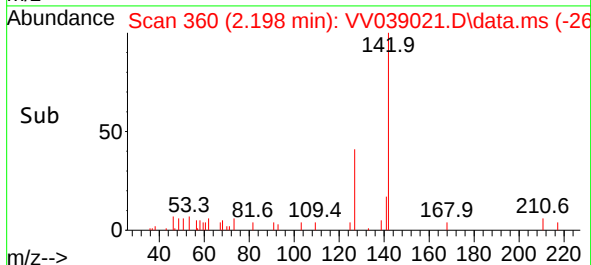
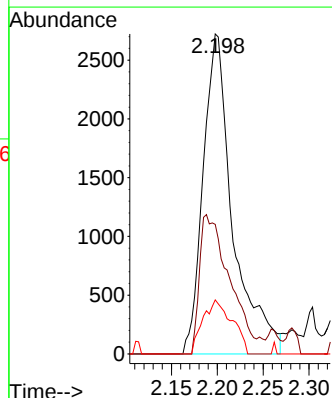
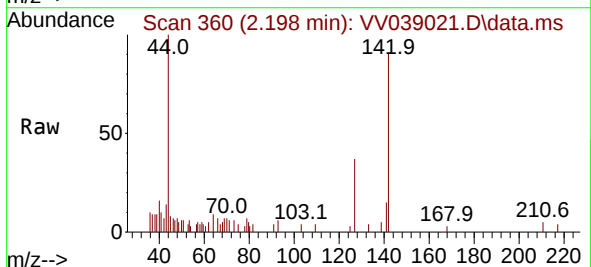
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ClientSampleId :
VSTDICC001

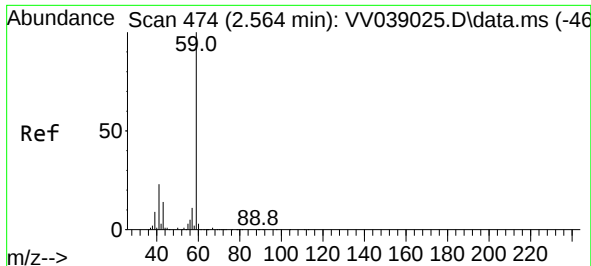
Tgt Ion:101 Resp: 8177
Ion Ratio Lower Upper
101 100
85 46.0 35.5 53.3
151 68.9 56.1 84.1



#10
Methyl Iodide
Concen: 5.952 ug/l
RT: 2.198 min Scan# 360
Delta R.T. -0.000 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion:142 Resp: 6123
Ion Ratio Lower Upper
142 100
127 45.2 35.7 53.5
141 16.6 11.6 17.4

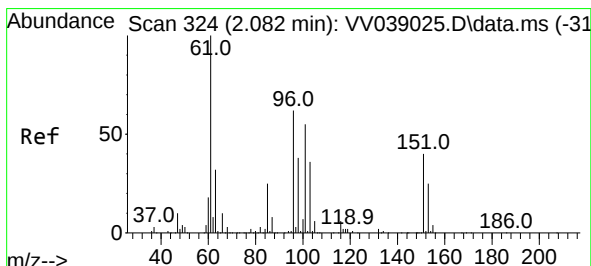
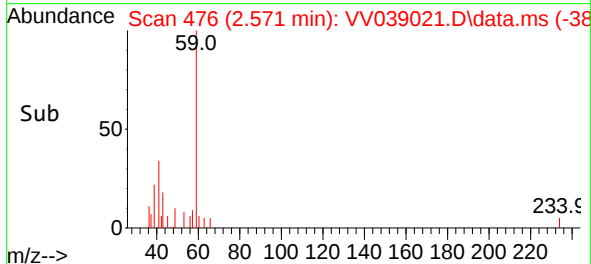
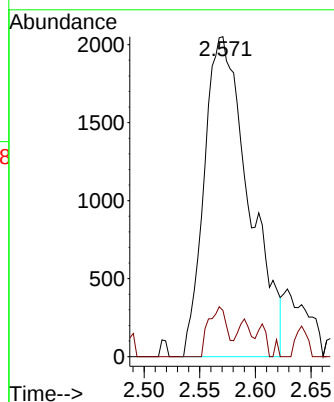
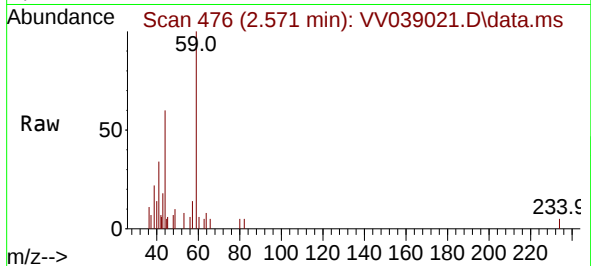




#11
Tert butyl alcohol
Concen: 4.470 ug/l
RT: 2.571 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

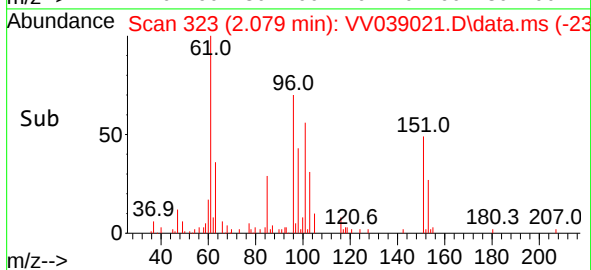
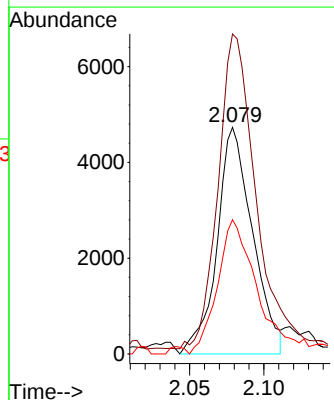
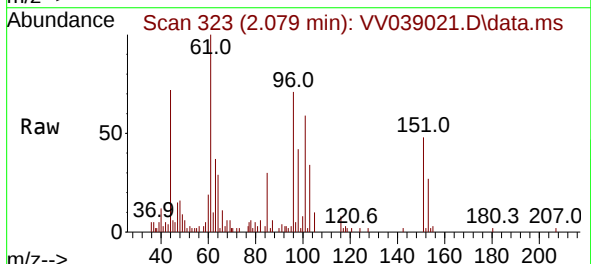
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

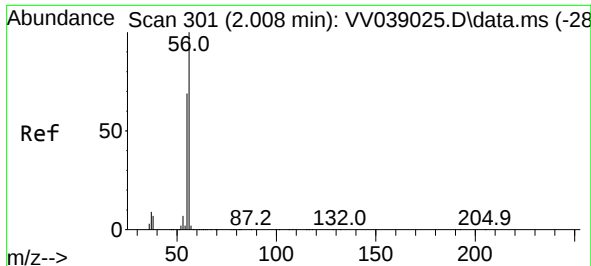
Tgt Ion: 59 Resp: 5706
Ion Ratio Lower Upper
59 100
57 6.6 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 1.154 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 96 Resp: 7863
Ion Ratio Lower Upper
96 100
61 138.9 128.2 192.2
98 56.3 49.3 73.9





#13

Acrolein

Concen: 12.296 ug/l

RT: 2.008 min Scan# 301

Delta R.T. 0.000 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

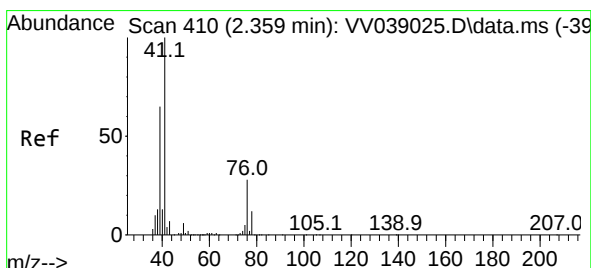
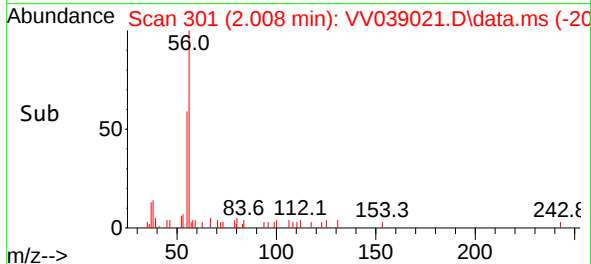
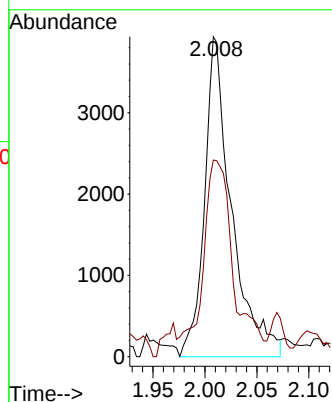
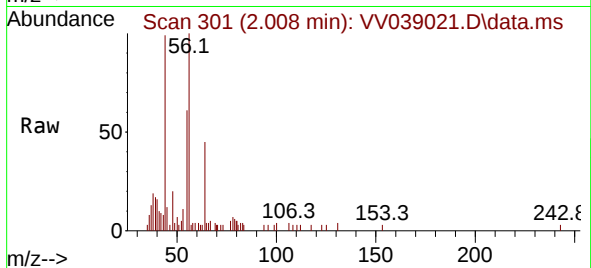
VSTDICC001

Tgt Ion: 56 Resp: 7087

Ion Ratio Lower Upper

56 100

55 64.4 54.7 82.1



#14

Allyl chloride

Concen: 1.024 ug/l

RT: 2.362 min Scan# 411

Delta R.T. 0.003 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

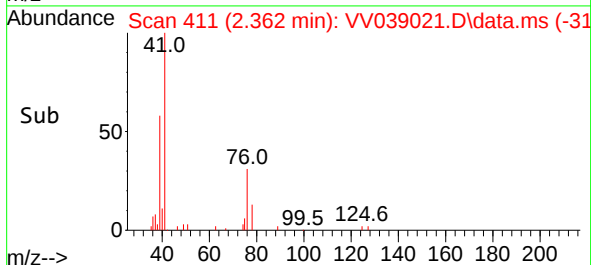
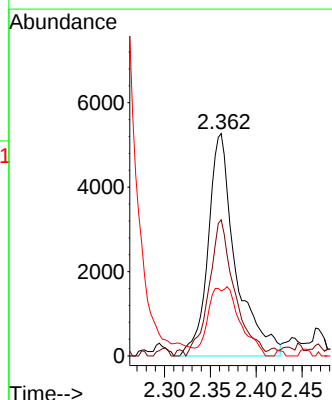
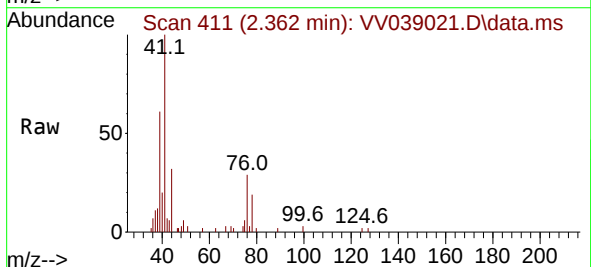
Tgt Ion: 41 Resp: 10978

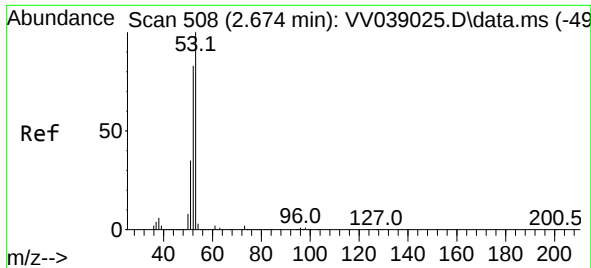
Ion Ratio Lower Upper

41 100

39 56.7 48.5 72.7

76 13.0 29.0 43.6#

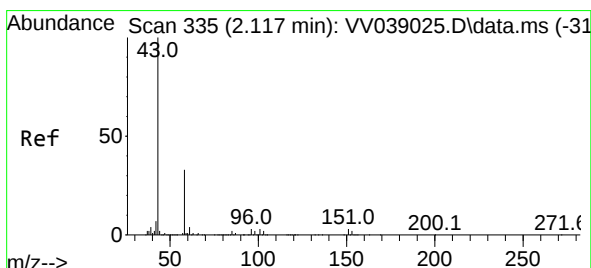
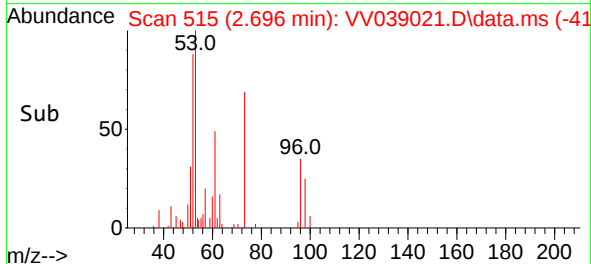
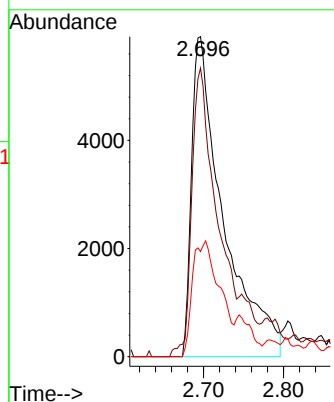
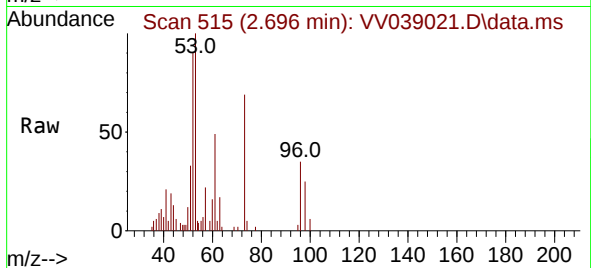




#15
Acrylonitrile
Concen: 4.284 ug/l
RT: 2.696 min Scan# 515
Delta R.T. 0.022 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

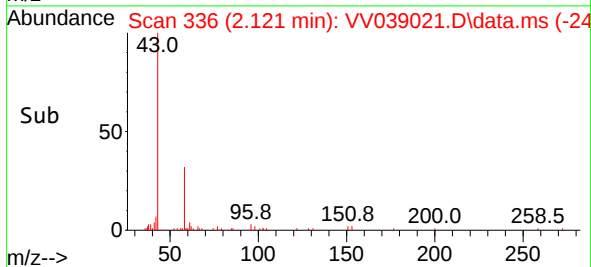
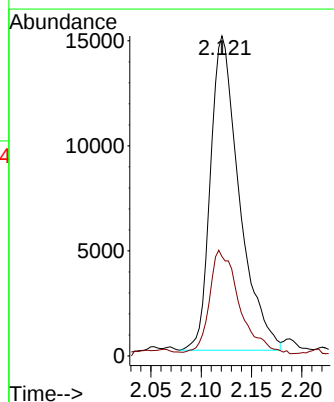
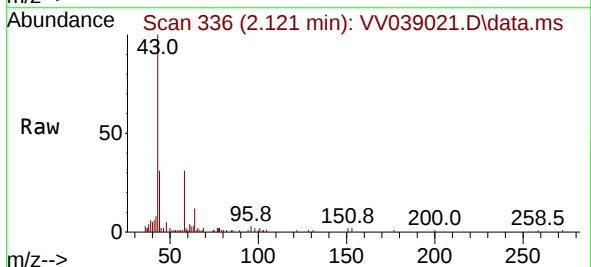
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

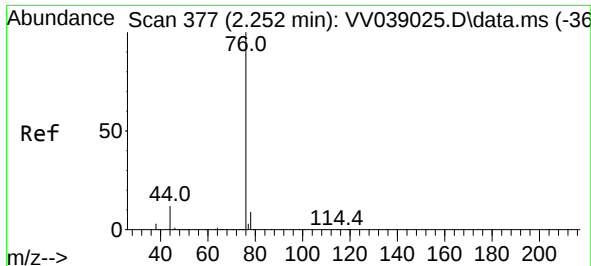
Tgt Ion: 53 Resp: 16308
Ion Ratio Lower Upper
53 100
52 71.7 65.9 98.9
51 31.4 27.9 41.9



#16
Acetone
Concen: 6.656 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.004 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 43 Resp: 29896
Ion Ratio Lower Upper
43 100
58 30.4 26.6 40.0

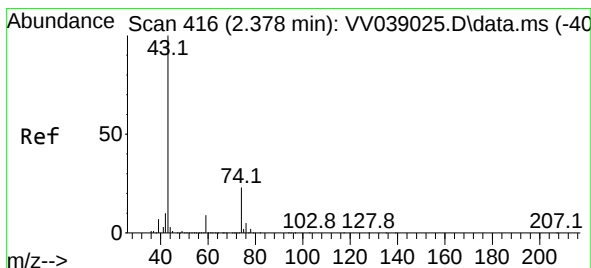
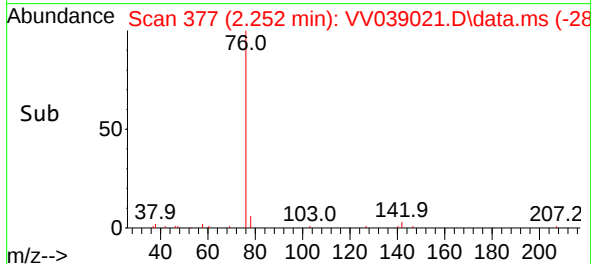
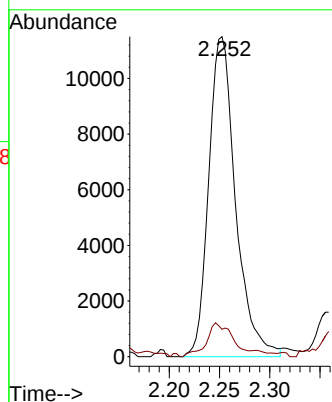
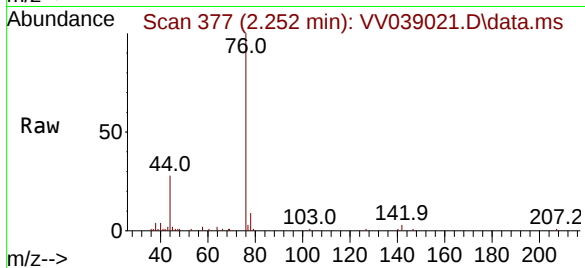




#17
Carbon Disulfide
Concen: 1.131 ug/l
RT: 2.252 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

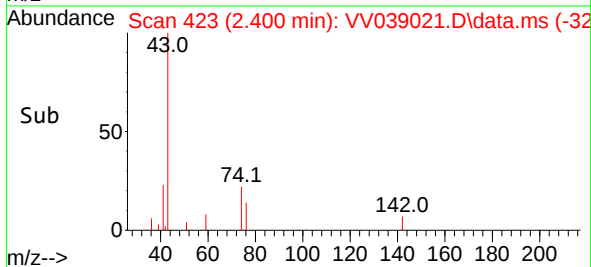
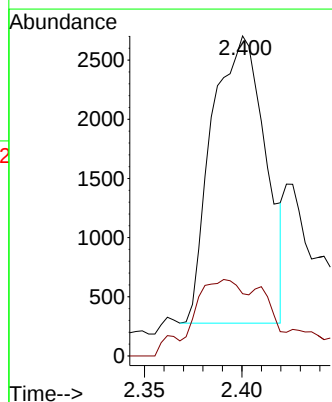
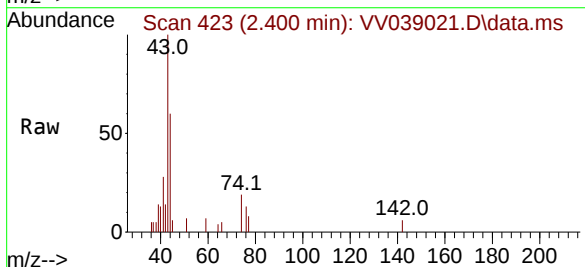
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

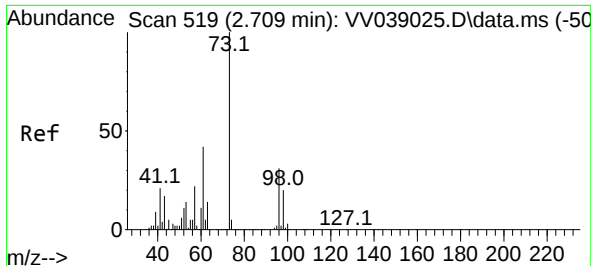
Tgt Ion: 76 Resp: 21398
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 0.531 ug/l
RT: 2.400 min Scan# 423
Delta R.T. 0.022 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 43 Resp: 4642
Ion Ratio Lower Upper
43 100
74 26.1 18.9 28.3

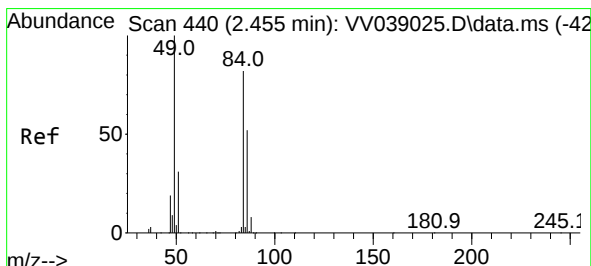
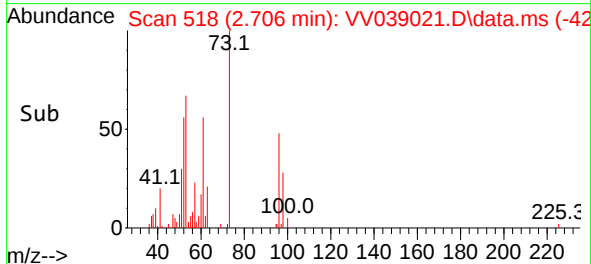
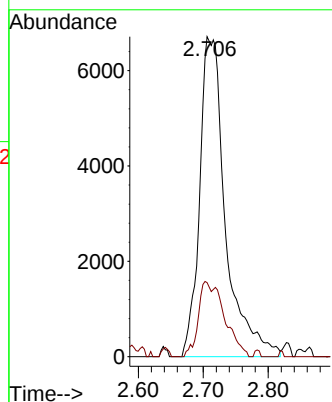
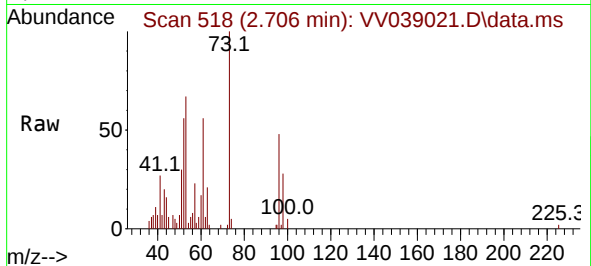




#19
Methyl tert-butyl Ether
Concen: 0.926 ug/l
RT: 2.706 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

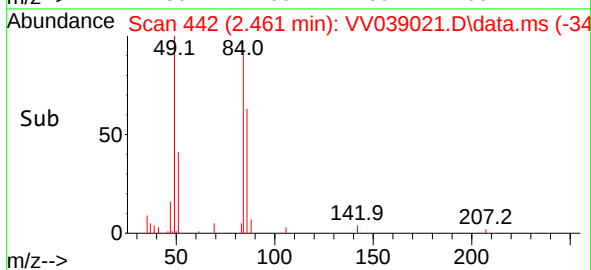
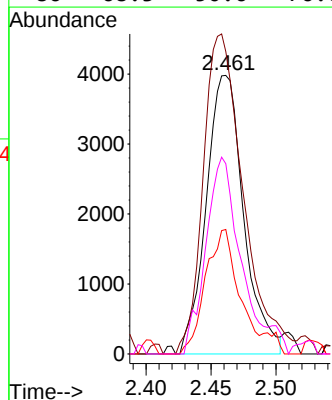
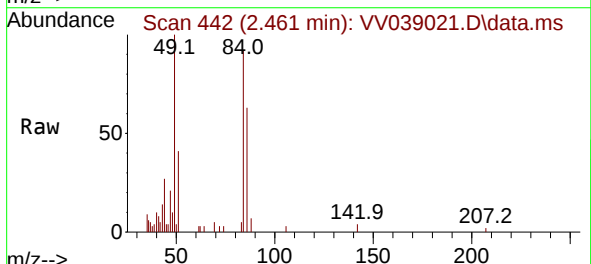
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

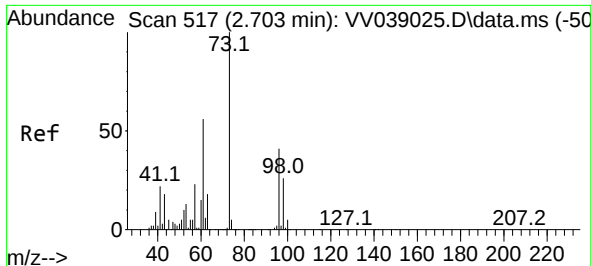
Tgt Ion: 73 Resp: 18596
Ion Ratio Lower Upper
73 100
57 23.2 17.9 26.9



#20
Methylene Chloride
Concen: 1.089 ug/l
RT: 2.461 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 84 Resp: 7985
Ion Ratio Lower Upper
84 100
49 104.5 97.8 146.8
51 44.7 30.3 45.5
86 68.3 50.6 76.0

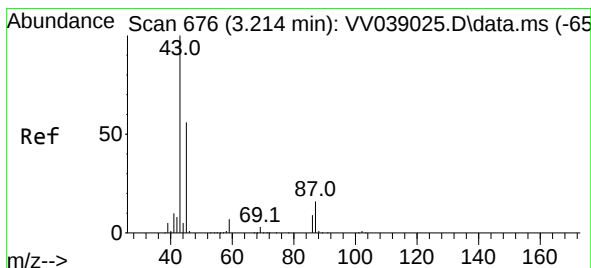
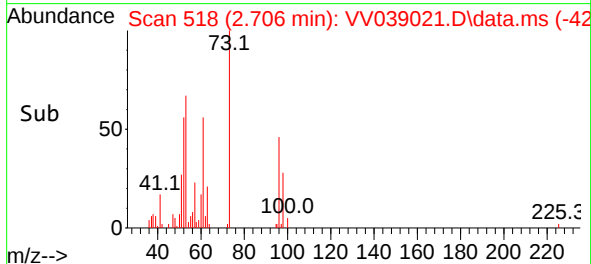
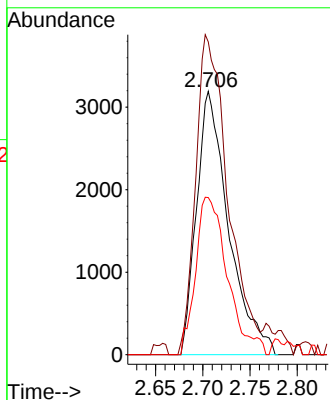
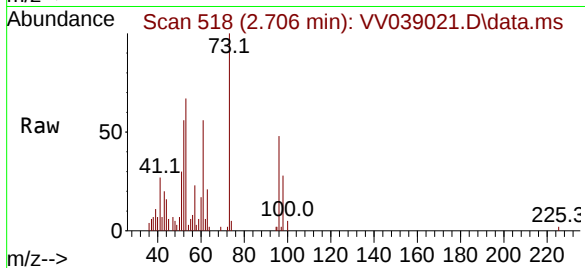




#21
trans-1,2-Dichloroethene
Concen: 1.101 ug/l
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

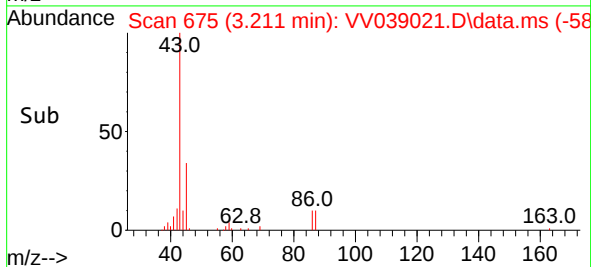
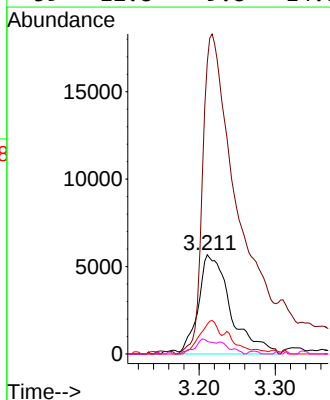
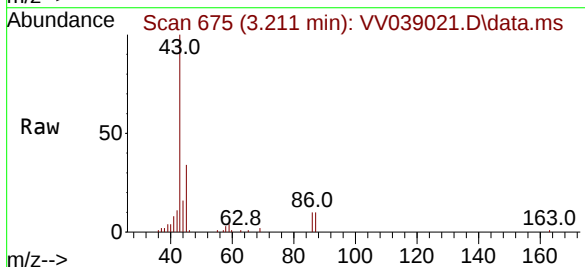
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

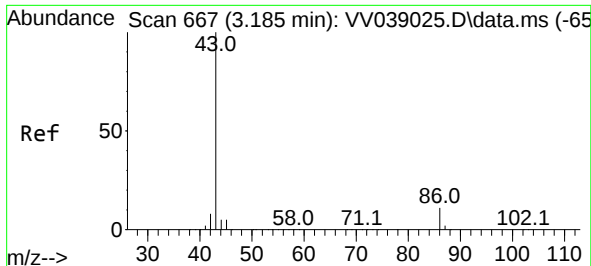
Tgt Ion: 96 Resp: 7515
Ion Ratio Lower Upper
96 100
61 118.8 110.1 165.1
98 59.6 50.2 75.4



#22
Diisopropyl ether
Concen: 0.855 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.003 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 45 Resp: 16680
Ion Ratio Lower Upper
45 100
43 294.3 143.0 214.4#
87 30.1 23.8 35.6
59 12.8 9.8 14.8

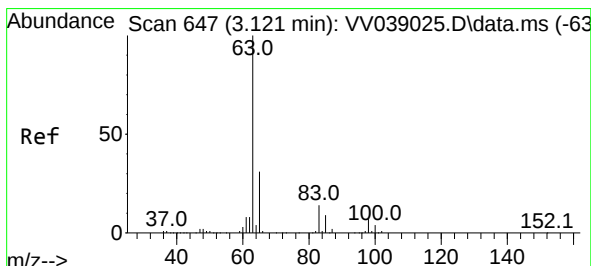
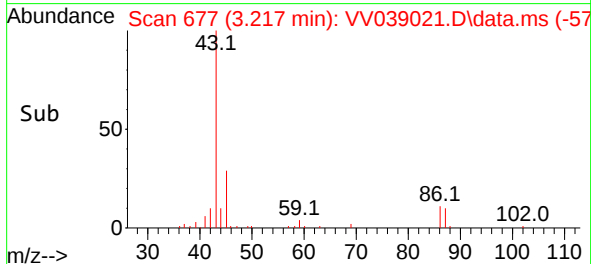
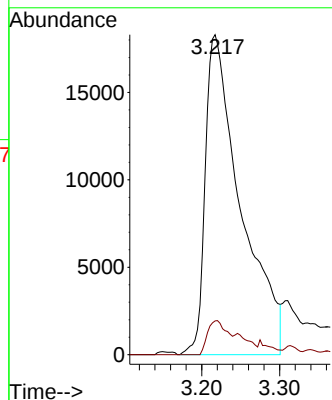
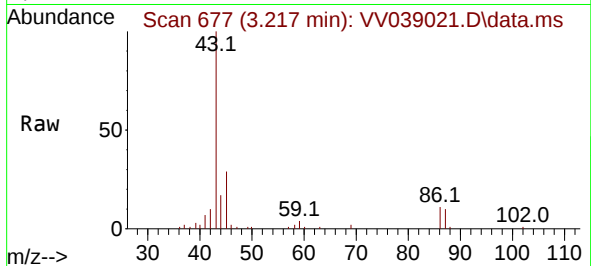




#23
 Vinyl Acetate
 Concen: 3.616 ug/l
 RT: 3.217 min Scan# 61
 Delta R.T. 0.032 min
 Lab File: VV039021.D
 Acq: 25 Aug 2025 09:29

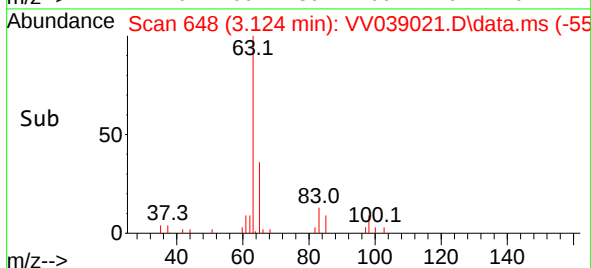
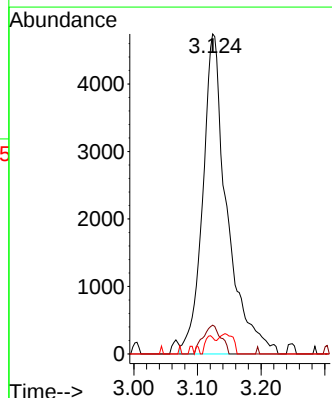
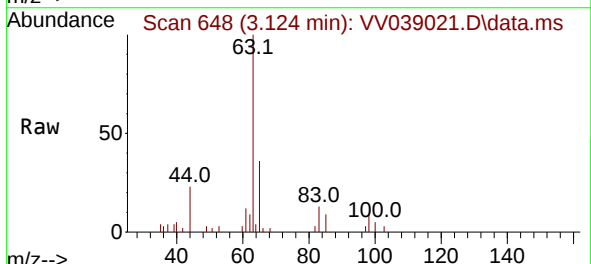
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

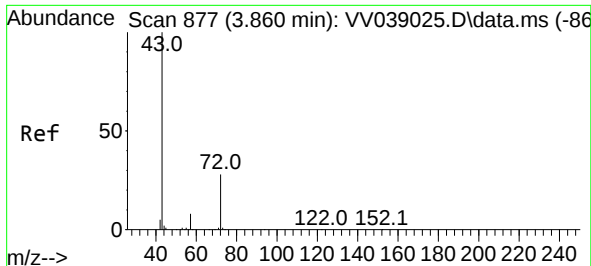
Tgt Ion: 43 Resp: 57863
 Ion Ratio Lower Upper
 43 100
 86 10.5 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 1.028 ug/l
 RT: 3.124 min Scan# 648
 Delta R.T. 0.003 min
 Lab File: VV039021.D
 Acq: 25 Aug 2025 09:29

Tgt Ion: 63 Resp: 12565
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.6 10.9
 100 5.1 2.2 6.6

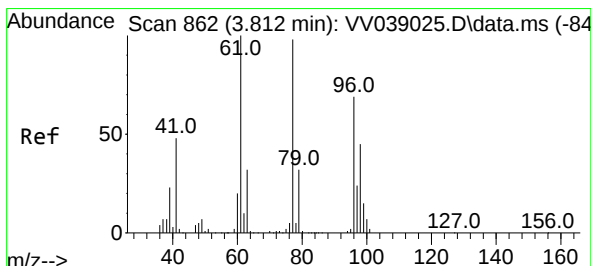
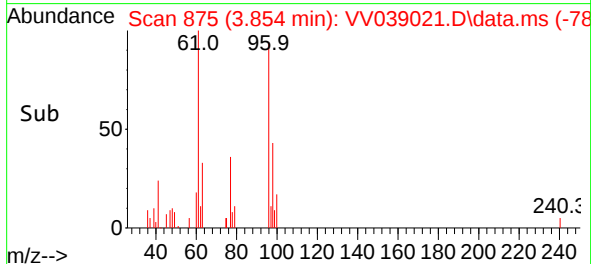
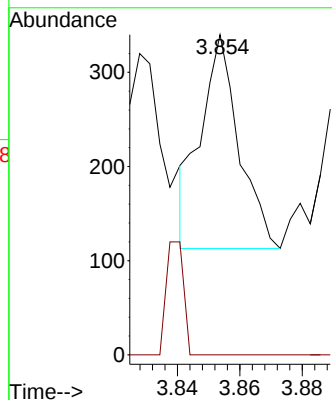
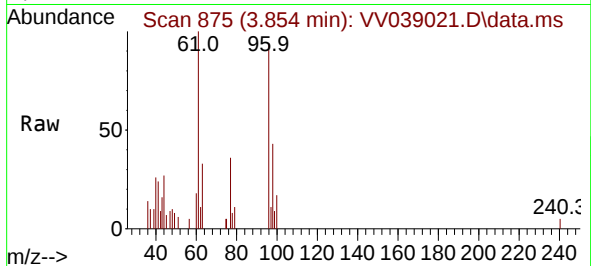




#25
2-Butanone
Concen: 0.039 ug/l
RT: 3.854 min Scan# 81
Delta R.T. -0.006 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

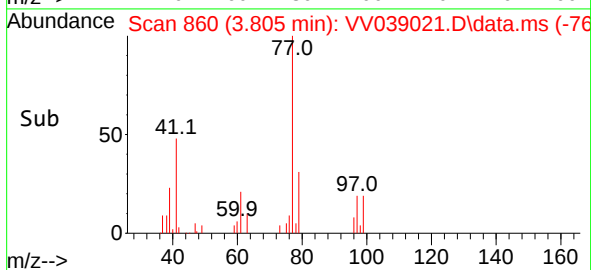
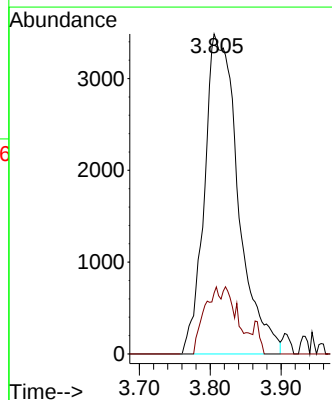
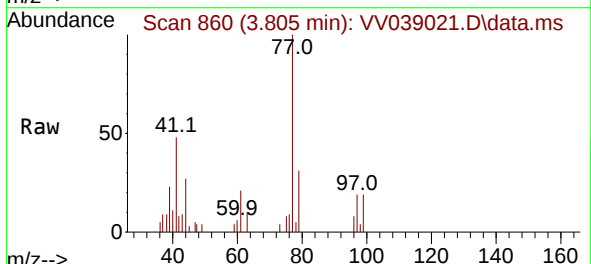
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

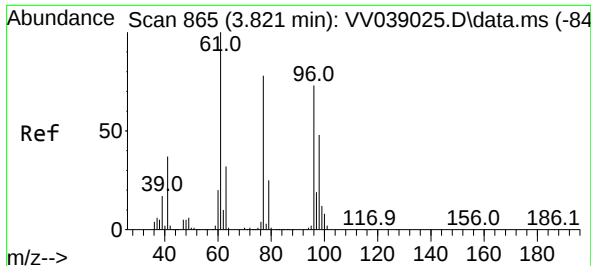
Tgt Ion: 43 Resp: 193
Ion Ratio Lower Upper
43 100
72 0.0 22.6 33.8#



#26
2,2-Dichloropropane
Concen: 1.099 ug/l
RT: 3.805 min Scan# 860
Delta R.T. -0.006 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 77 Resp: 11546
Ion Ratio Lower Upper
77 100
97 10.2 11.8 35.4#



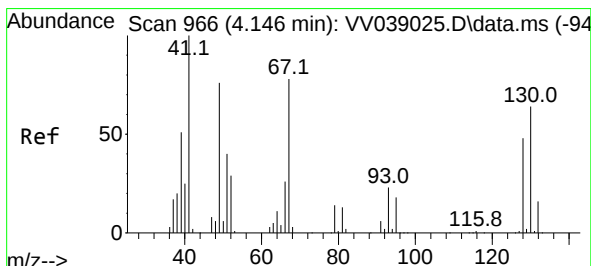
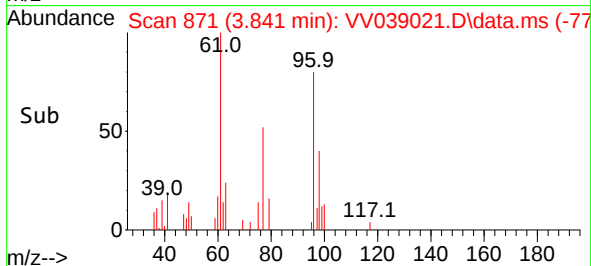
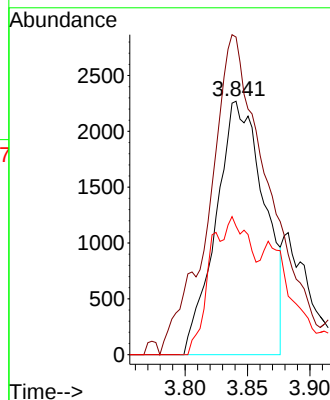
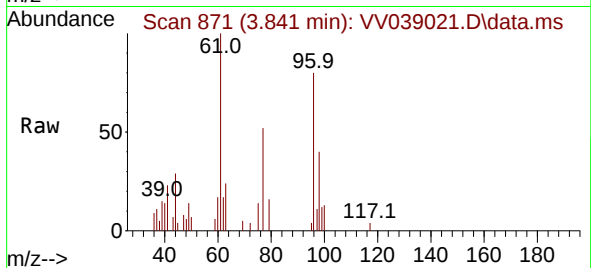


#27
 cis-1,2-Dichloroethene
 Concen: 0.813 ug/l
 RT: 3.841 min Scan# 81
 Delta R.T. 0.019 min
 Lab File: VV039021.D
 Acq: 25 Aug 2025 09:29

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 6152

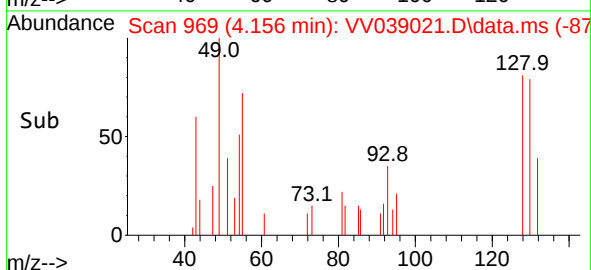
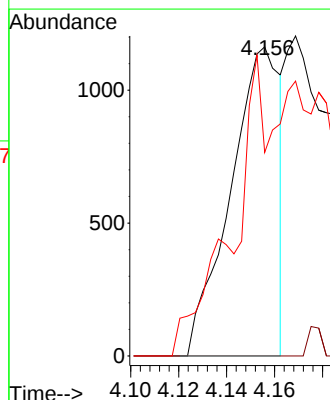
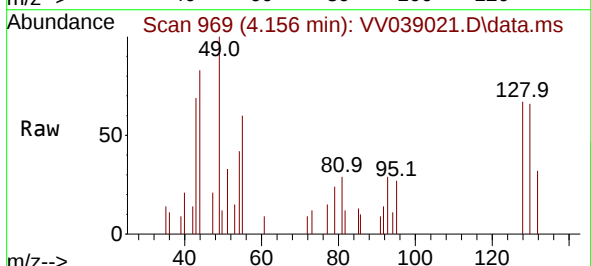
Ion	Ratio	Lower	Upper
96	100		
61	155.5	0.0	280.8
98	15.4	0.0	130.2

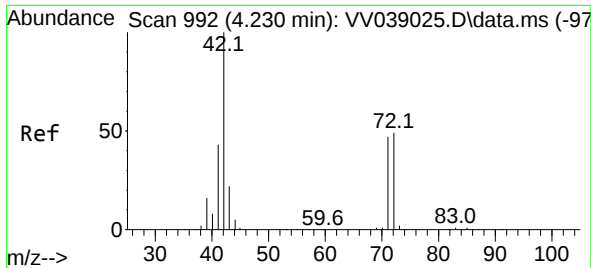


#28
 Bromochloromethane
 Concen: 0.502 ug/l
 RT: 4.156 min Scan# 969
 Delta R.T. 0.010 min
 Lab File: VV039021.D
 Acq: 25 Aug 2025 09:29

Tgt Ion: 49 Resp: 1661

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	74.5	64.9	97.3





#29

Tetrahydrofuran

Concen: 3.149 ug/l

RT: 4.265 min Scan# 1003

Delta R.T. 0.035 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

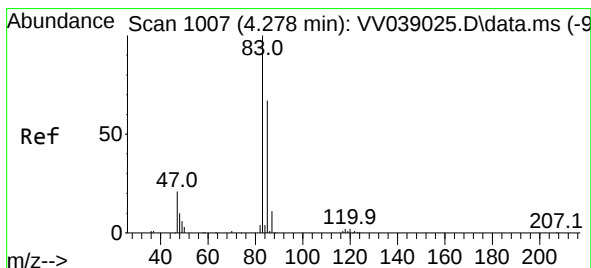
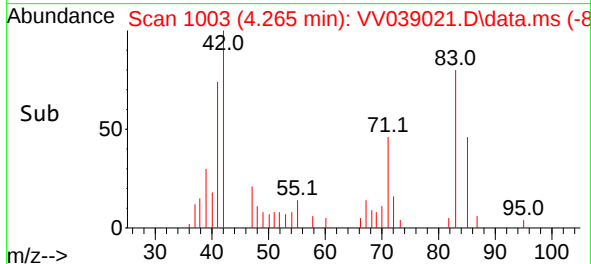
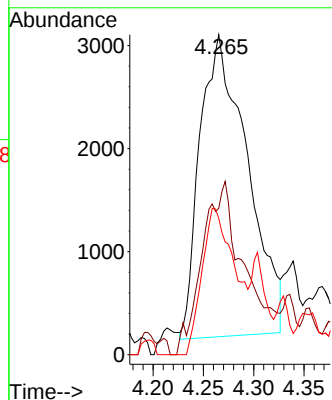
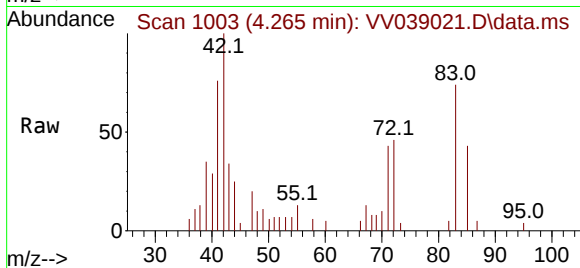
Tgt Ion: 42 Resp: 9590

Ion Ratio Lower Upper

42 100

72 52.6 39.0 58.4

71 33.7 37.0 55.6#



#30

Chloroform

Concen: 1.047 ug/l

RT: 4.285 min Scan# 1009

Delta R.T. 0.006 min

Lab File: VV039021.D

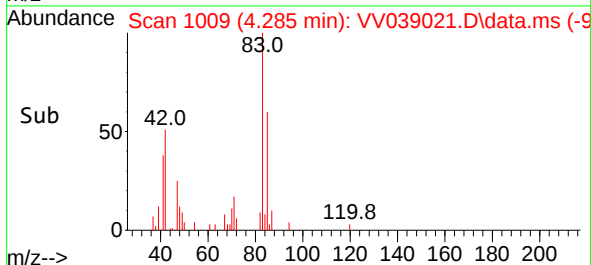
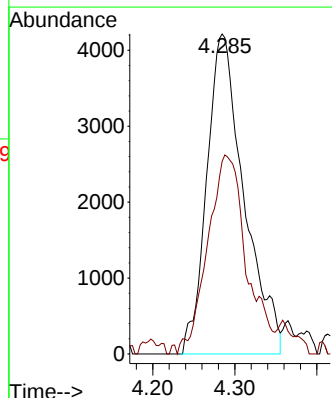
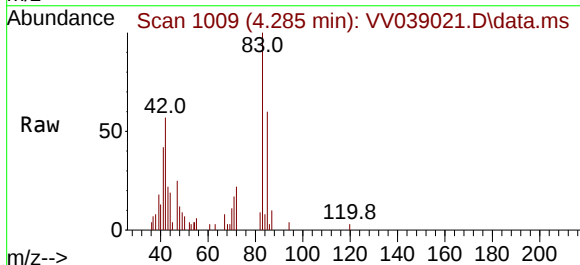
Acq: 25 Aug 2025 09:29

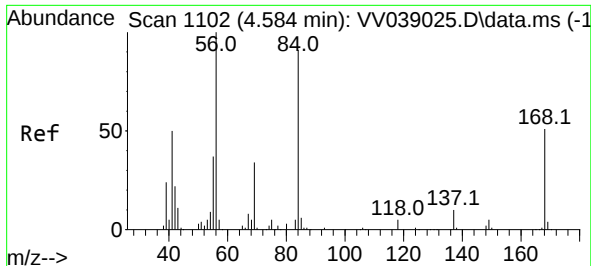
Tgt Ion: 83 Resp: 13310

Ion Ratio Lower Upper

83 100

85 57.0 53.2 79.8

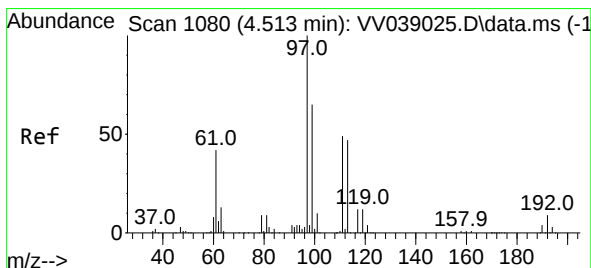
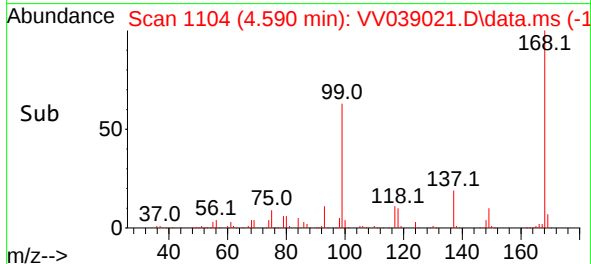
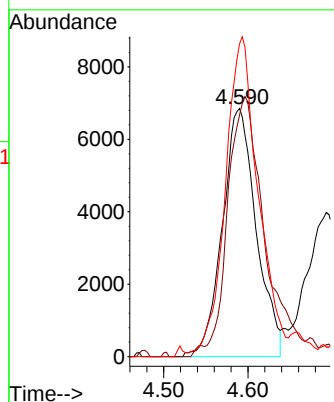
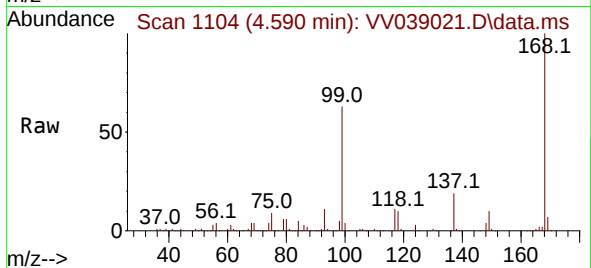




#31
Cyclohexane
Concen: 1.773 ug/l
RT: 4.590 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

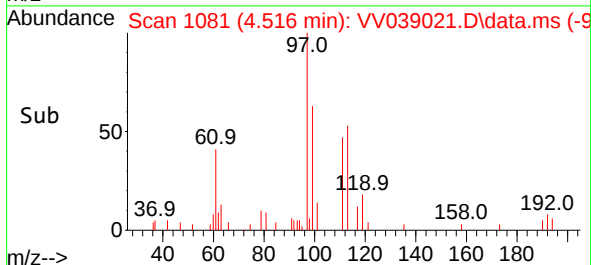
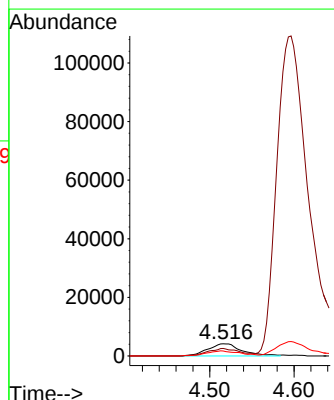
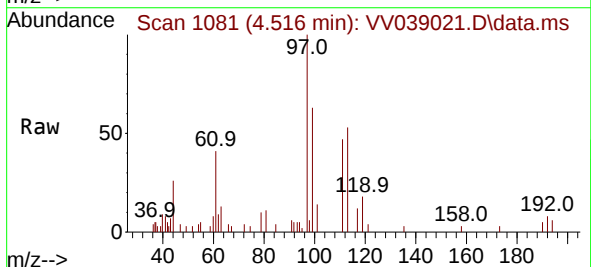
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

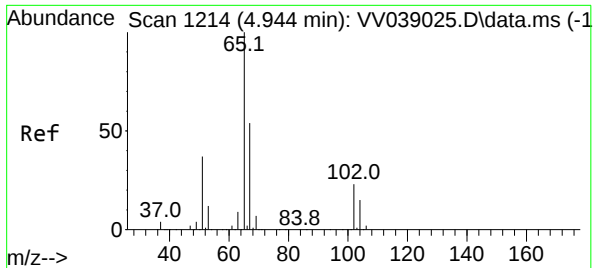
Tgt Ion: 56 Resp: 19166
Ion Ratio Lower Upper
56 100
69 97.4 27.0 40.4#
84 121.7 72.9 109.3#



#32
1,1,1-Trichloroethane
Concen: 1.043 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 97 Resp: 11679
Ion Ratio Lower Upper
97 100
99 0.0 49.8 74.6#
61 41.0 33.3 49.9

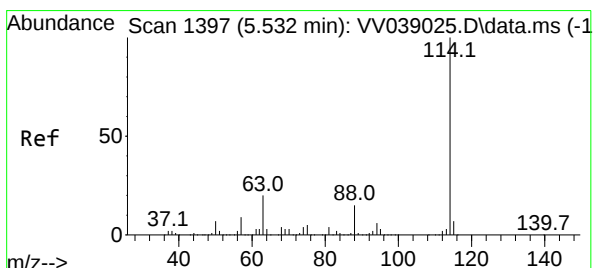
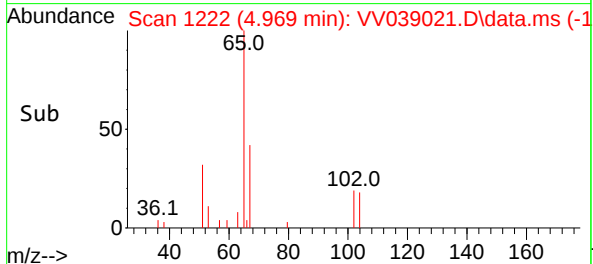
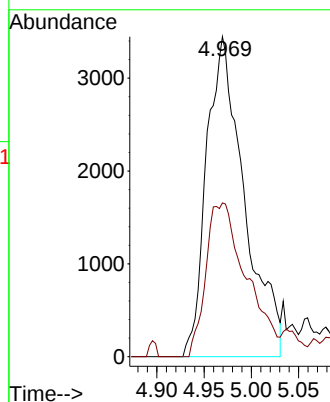
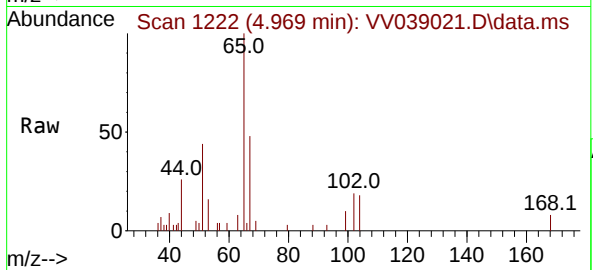




#33
 1,2-Dichloroethane-d4
 Concen: 1.346 ug/l
 RT: 4.969 min Scan# 11
 Delta R.T. 0.026 min
 Lab File: VV039021.D
 Acq: 25 Aug 2025 09:29

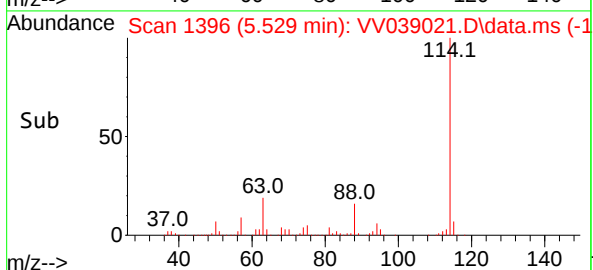
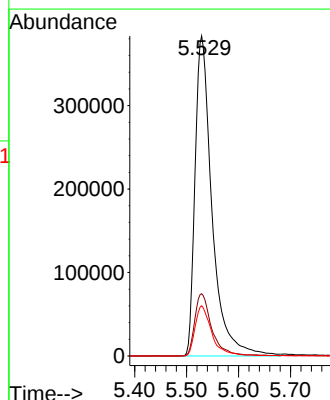
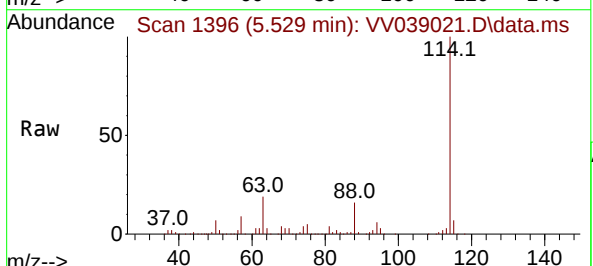
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

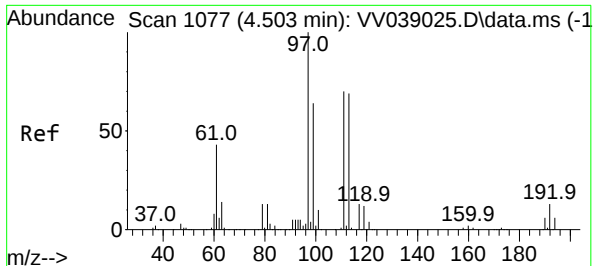
Tgt Ion: 65 Resp: 9572
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.529 min Scan# 1396
 Delta R.T. -0.003 min
 Lab File: VV039021.D
 Acq: 25 Aug 2025 09:29

Tgt Ion: 114 Resp: 871571
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.4
 88 15.7 0.0 30.6

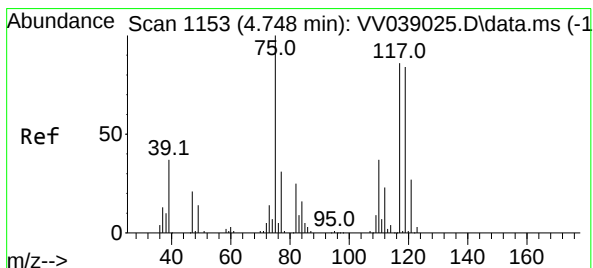
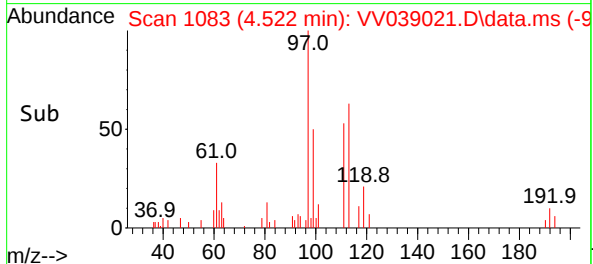
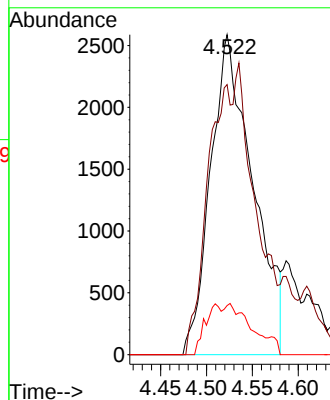
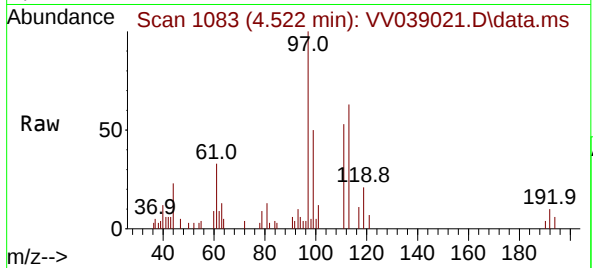




#35
Dibromofluoromethane
Concen: 1.316 ug/l
RT: 4.522 min Scan# 1077
Delta R.T. 0.019 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

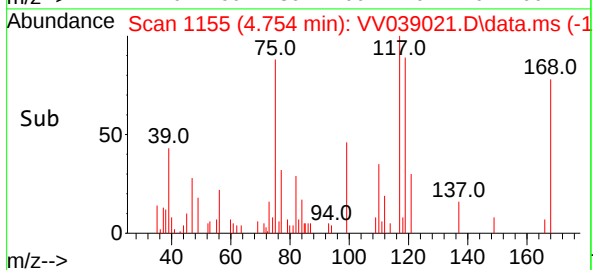
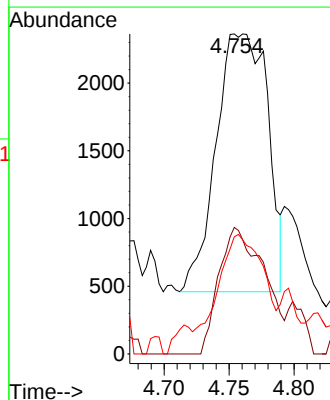
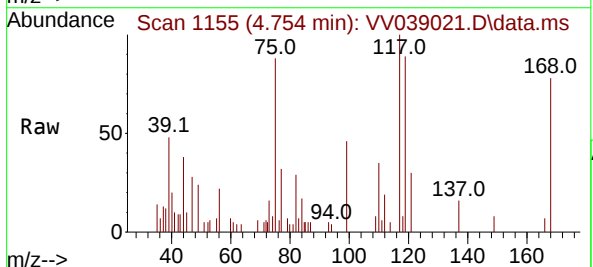
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

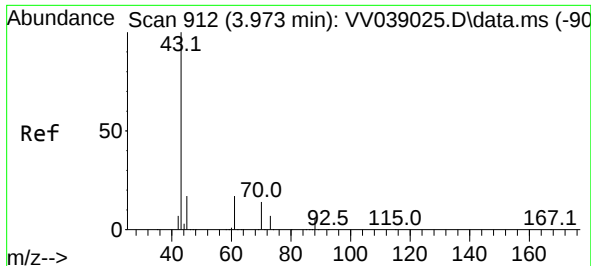
Tgt Ion:113 Resp: 8261
Ion Ratio Lower Upper
113 100
111 46.5 82.2 123.2#
192 6.1 14.2 21.2#



#36
1,1-Dichloropropene
Concen: 0.624 ug/l
RT: 4.754 min Scan# 1155
Delta R.T. 0.006 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 75 Resp: 5261
Ion Ratio Lower Upper
75 100
110 43.5 18.6 55.8
77 30.6 24.6 36.8





#37

Ethyl Acetate

Concen: 0.540 ug/l

RT: 3.928 min Scan# 898

Delta R.T. -0.045 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

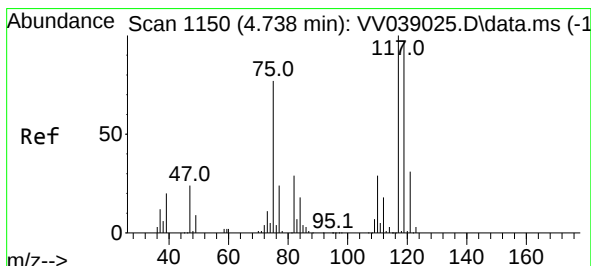
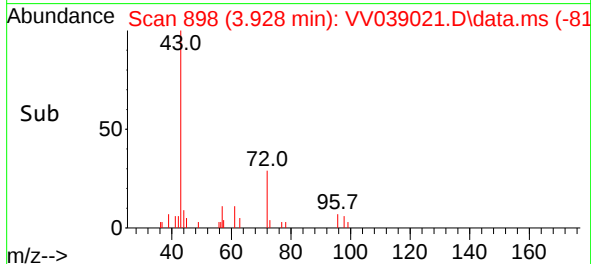
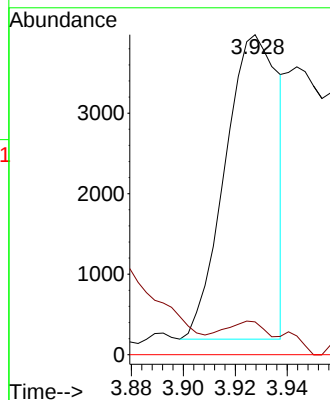
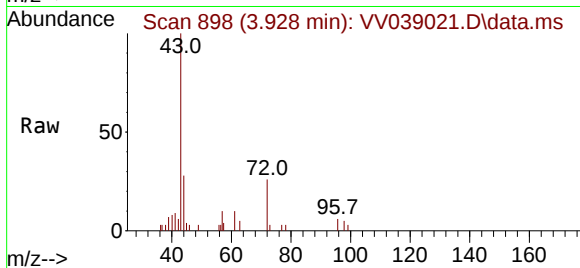
Tgt Ion: 43 Resp: 5344

Ion Ratio Lower Upper

43 100

61 12.7 10.6 16.0

70 0.0 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 1.035 ug/l

RT: 4.738 min Scan# 1150

Delta R.T. -0.000 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

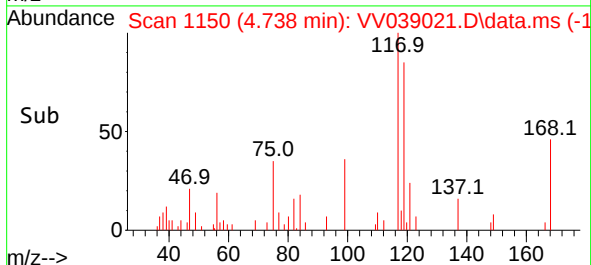
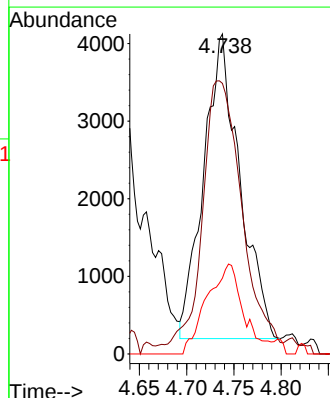
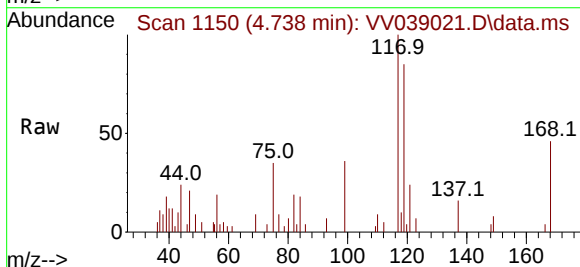
Tgt Ion: 117 Resp: 10452

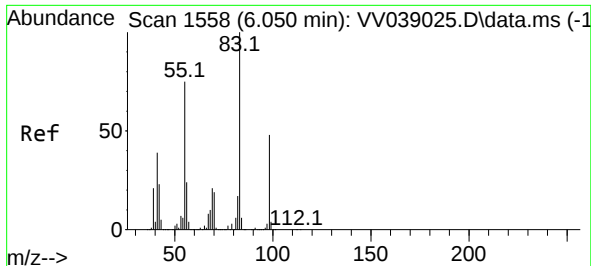
Ion Ratio Lower Upper

117 100

119 85.0 77.8 116.6

121 24.9 24.9 37.3#





#39

Methylcyclohexane

Concen: 0.899 ug/l

RT: 6.046 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

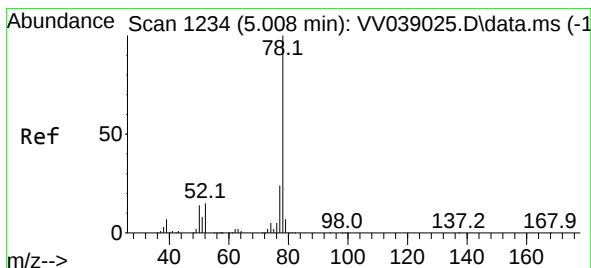
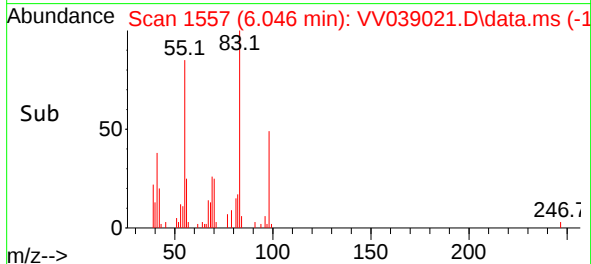
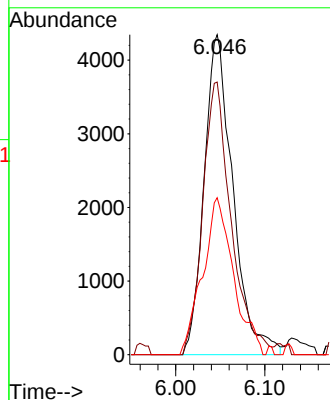
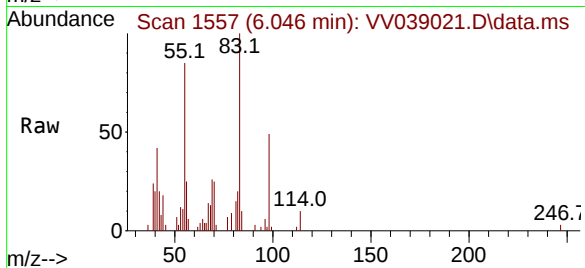
Tgt Ion: 83 Resp: 9732

Ion Ratio Lower Upper

83 100

55 85.2 59.8 89.6

98 49.1 38.2 57.2



#40

Benzene

Concen: 0.995 ug/l

RT: 5.030 min Scan# 1241

Delta R.T. 0.022 min

Lab File: VV039021.D

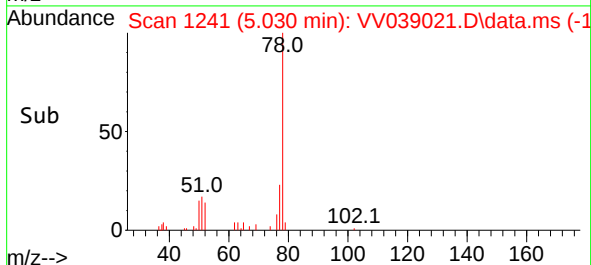
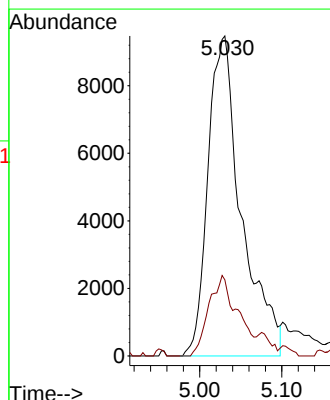
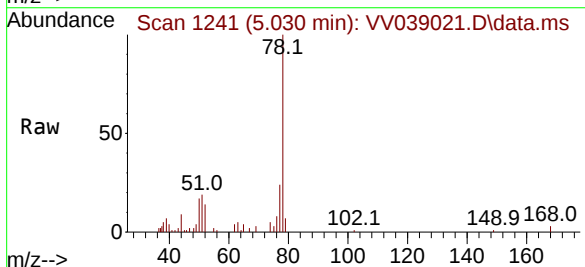
Acq: 25 Aug 2025 09:29

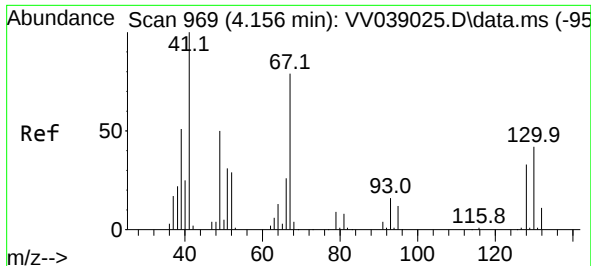
Tgt Ion: 78 Resp: 26811

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7

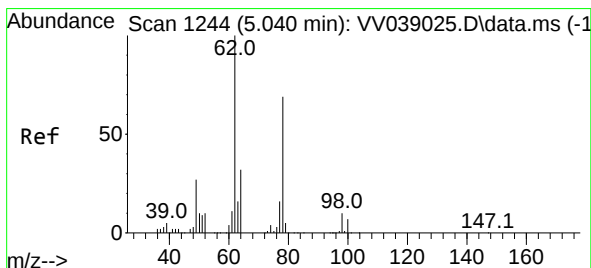
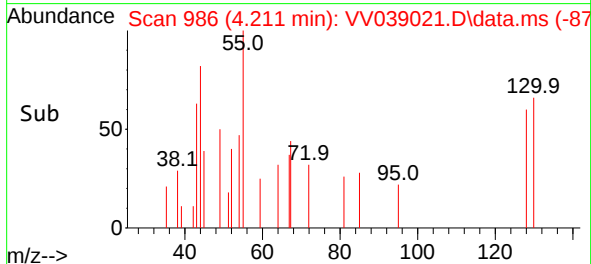
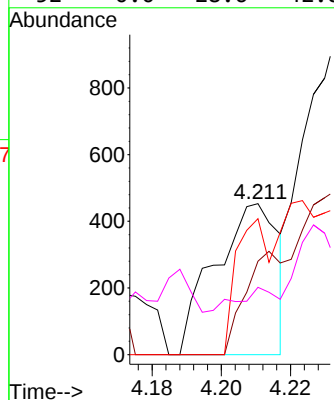
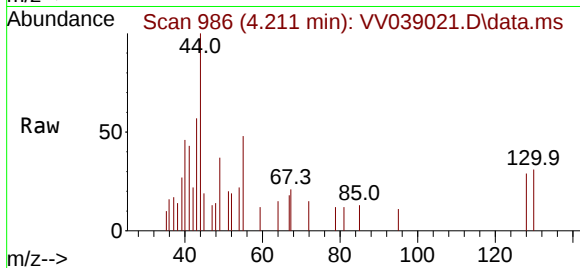




#41
Methacrylonitrile
Concen: 1.235 ug/l
RT: 4.211 min Scan# 91
Delta R.T. 0.055 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

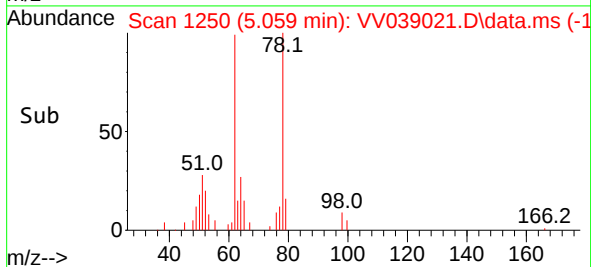
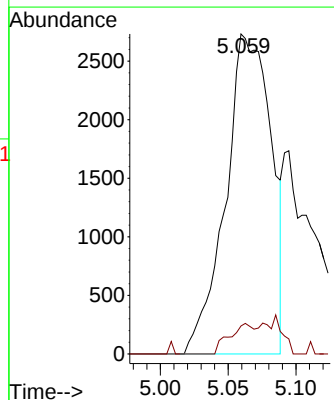
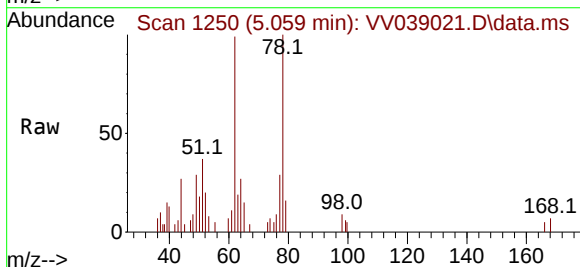
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

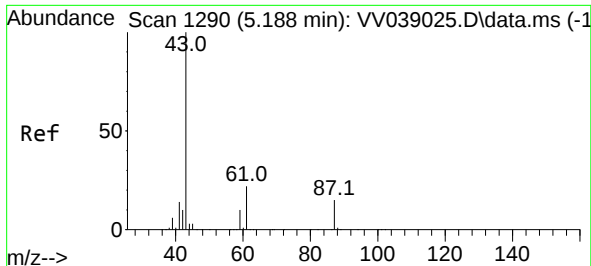
Tgt Ion: 41 Resp: 573
Ion Ratio Lower Upper
41 100
39 0.0 42.7 64.1#
67 46.1 74.5 111.7#
52 0.0 28.6 42.8#



#42
1,2-Dichloroethane
Concen: 0.678 ug/l
RT: 5.059 min Scan# 1250
Delta R.T. 0.019 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 62 Resp: 6369
Ion Ratio Lower Upper
62 100
98 5.1 0.0 19.8

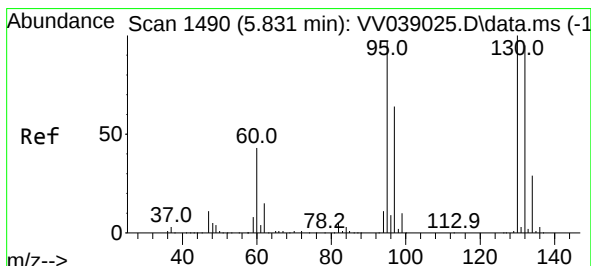
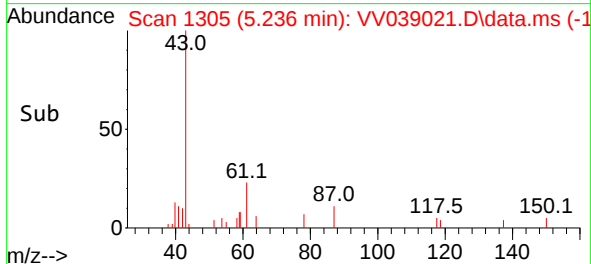
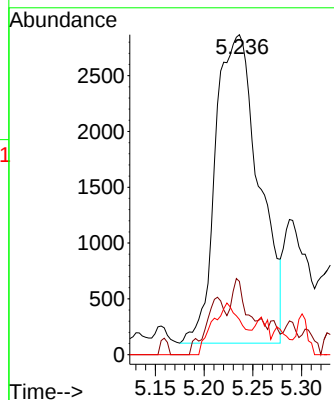
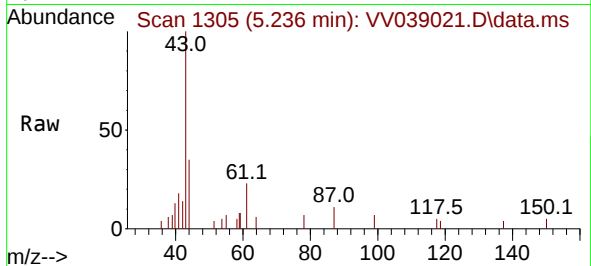




#43
Isopropyl Acetate
Concen: 0.608 ug/l
RT: 5.236 min Scan# 11
Delta R.T. 0.048 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

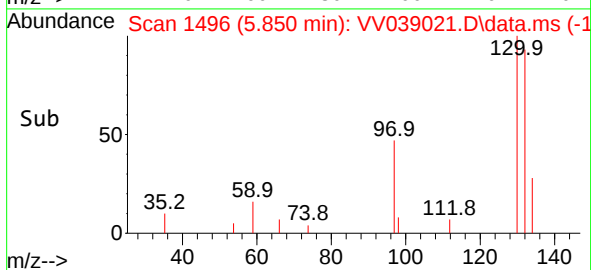
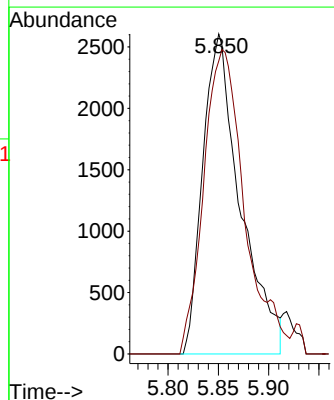
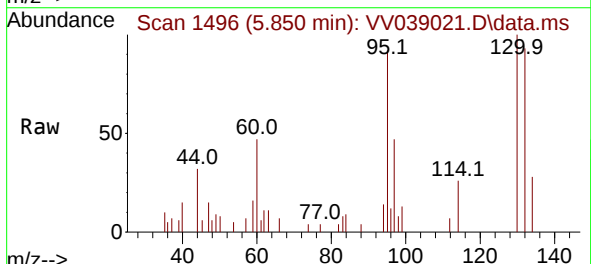
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

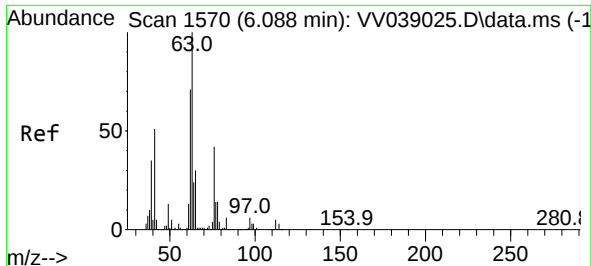
Tgt Ion: 43 Resp: 8571
Ion Ratio Lower Upper
43 100
61 11.9 16.6 25.0#
87 11.4 11.7 17.5#



#44
Trichloroethene
Concen: 0.997 ug/l
RT: 5.850 min Scan# 1496
Delta R.T. 0.019 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 130 Resp: 6748
Ion Ratio Lower Upper
130 100
95 91.6 0.0 194.4





#45

1,2-Dichloropropane

Concen: 1.010 ug/l

RT: 6.104 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

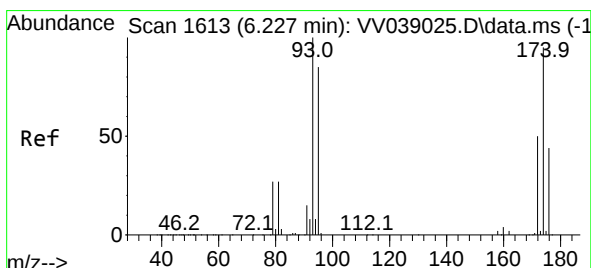
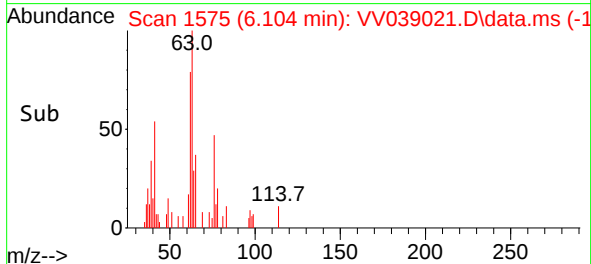
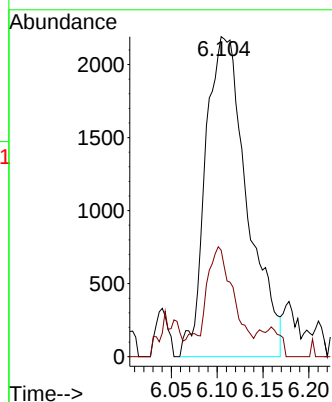
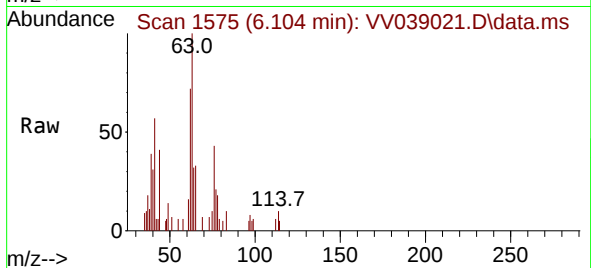
VSTDIC001

Tgt Ion: 63 Resp: 6923

Ion Ratio Lower Upper

63 100

65 26.6 24.2 36.4



#46

Dibromomethane

Concen: 1.056 ug/l

RT: 6.249 min Scan# 1620

Delta R.T. 0.023 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

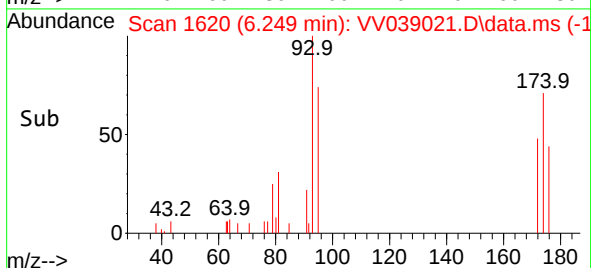
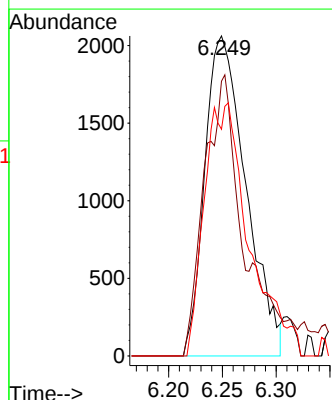
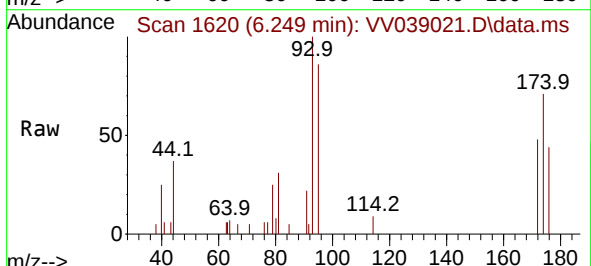
Tgt Ion: 93 Resp: 5489

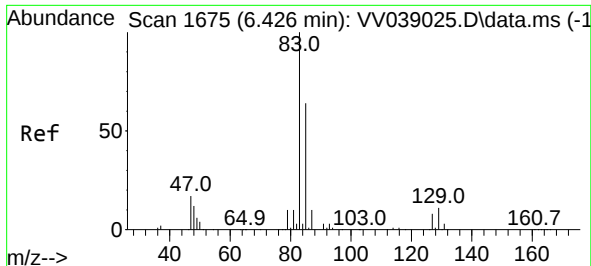
Ion Ratio Lower Upper

93 100

95 69.0 66.1 99.1

174 35.2 73.5 110.3

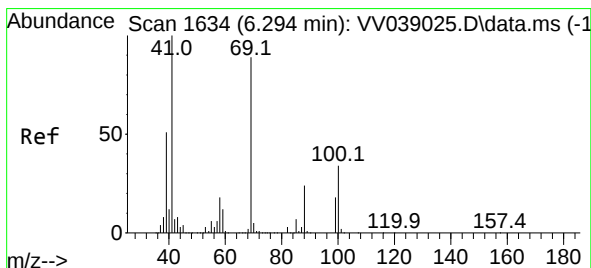
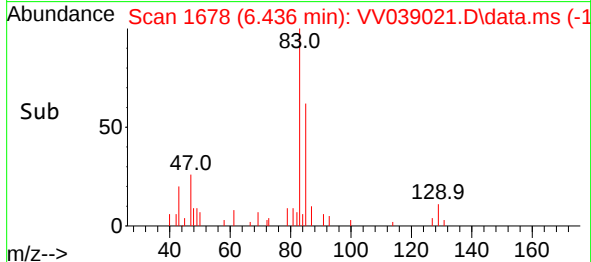
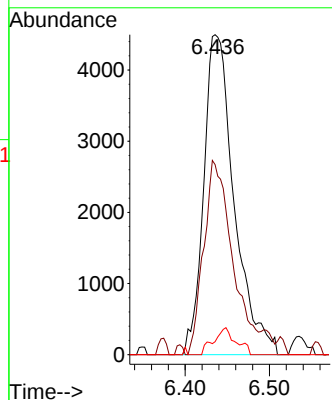
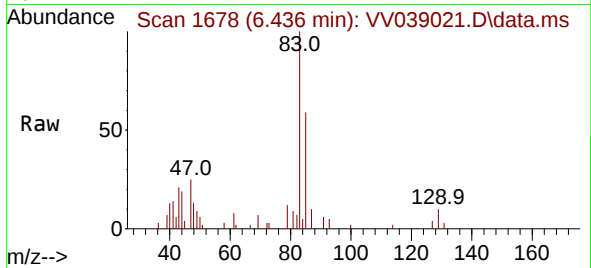




#47
Bromodichloromethane
Concen: 1.056 ug/l
RT: 6.436 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

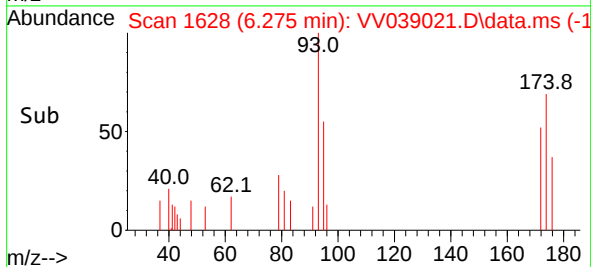
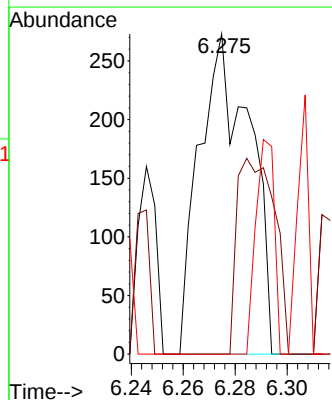
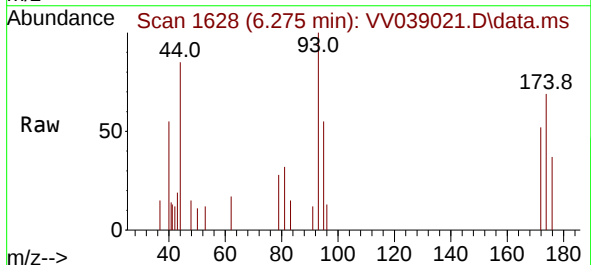
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

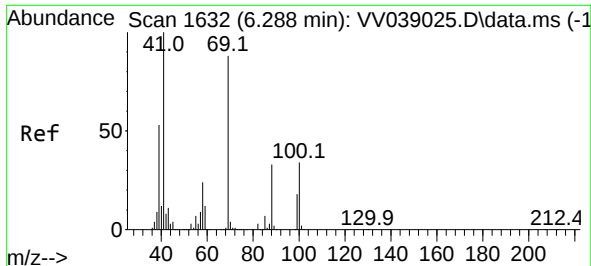
Tgt Ion: 83 Resp: 11309
Ion Ratio Lower Upper
83 100
85 56.3 51.0 76.4
127 4.0 6.7 10.1#



#48
Methyl methacrylate
Concen: 0.054 ug/l
RT: 6.275 min Scan# 1628
Delta R.T. -0.019 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 41 Resp: 368
Ion Ratio Lower Upper
41 100
69 45.7 73.5 110.3#
39 24.5 41.3 61.9#





#49

1,4-Dioxane

Concen: 0.679 ug/l

RT: 6.284 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

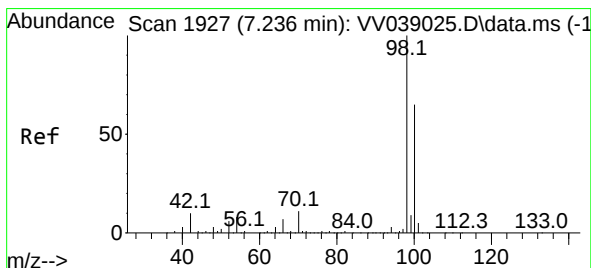
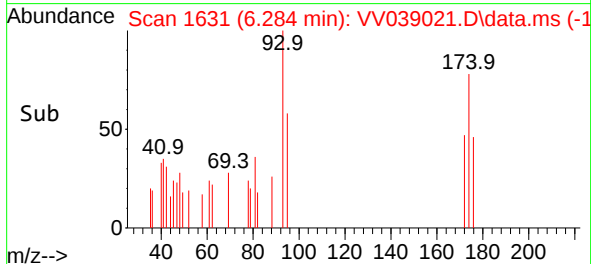
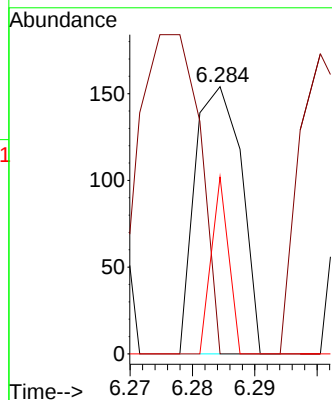
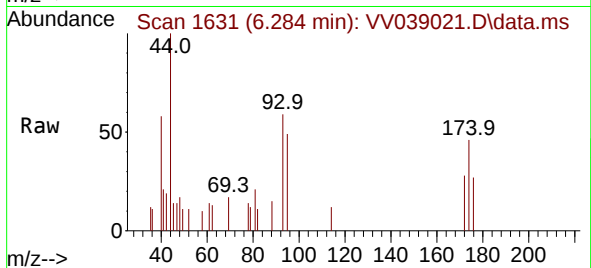
Tgt Ion: 88 Resp: 79

Ion Ratio Lower Upper

88 100

43 157.0 25.4 38.2#

58 0.0 58.4 87.6#



#50

Toluene-d8

Concen: 1.035 ug/l

RT: 7.252 min Scan# 1932

Delta R.T. 0.016 min

Lab File: VV039021.D

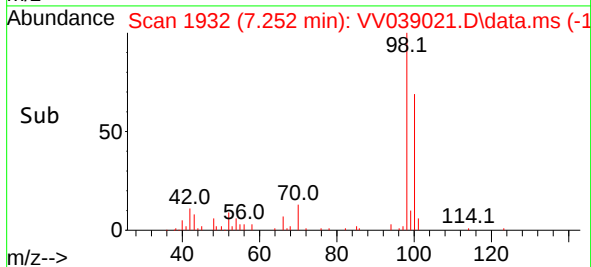
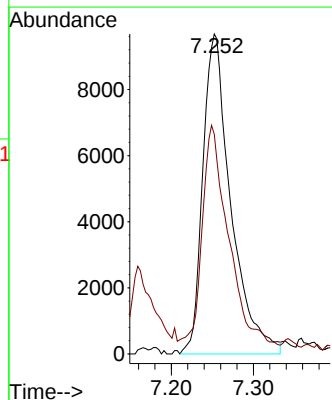
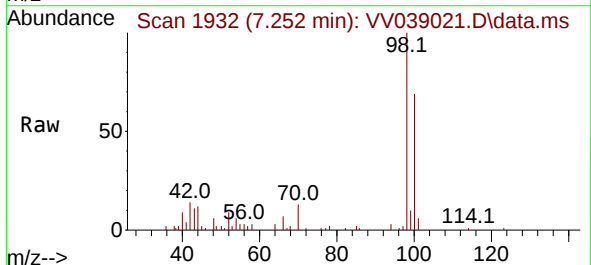
Acq: 25 Aug 2025 09:29

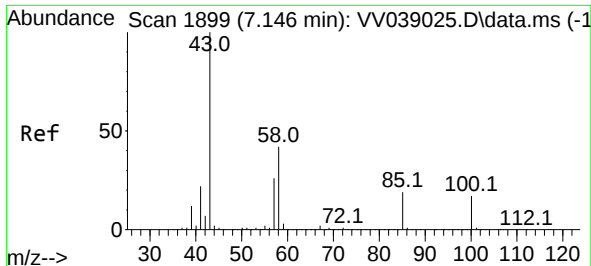
Tgt Ion: 98 Resp: 23002

Ion Ratio Lower Upper

98 100

100 67.4 52.6 79.0

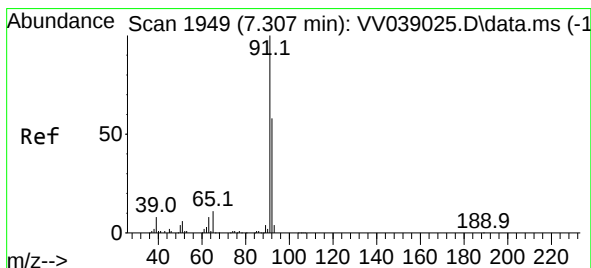
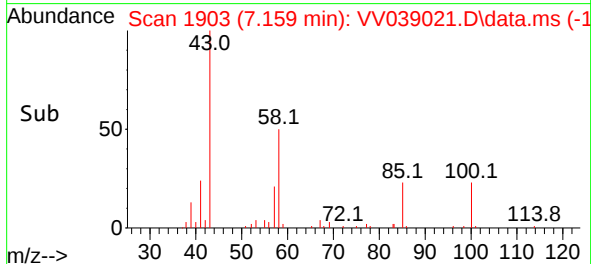
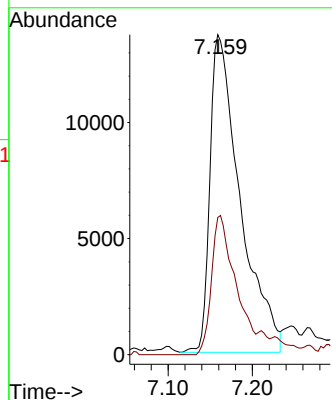
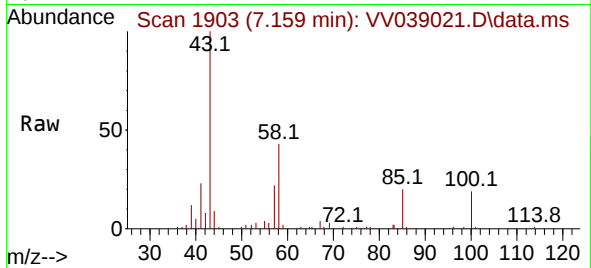




#51
4-Methyl-2-Pentanone
Concen: 3.397 ug/l
RT: 7.159 min Scan# 1903
Delta R.T. 0.013 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

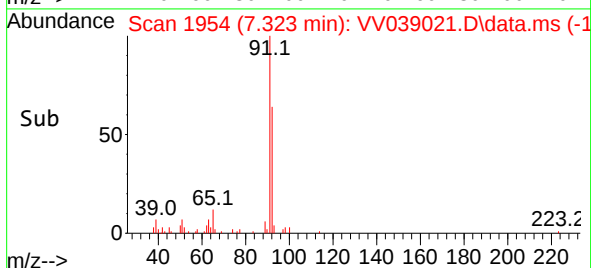
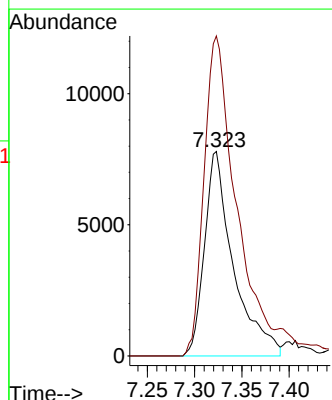
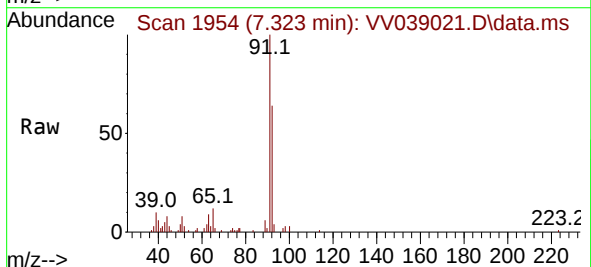
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

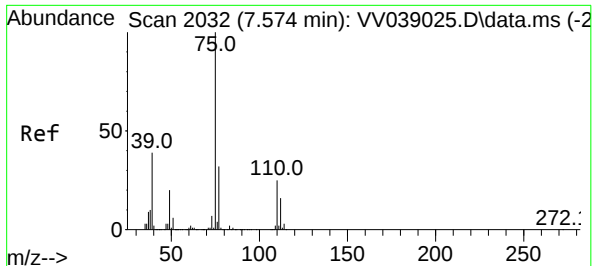
Tgt Ion: 43 Resp: 33950
Ion Ratio Lower Upper
43 100
58 35.0 33.2 49.8



#52
Toluene
Concen: 0.965 ug/l
RT: 7.323 min Scan# 1954
Delta R.T. 0.016 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 92 Resp: 16590
Ion Ratio Lower Upper
92 100
91 172.1 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 0.705 ug/l

RT: 7.603 min Scan# 2041

Delta R.T. 0.029 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

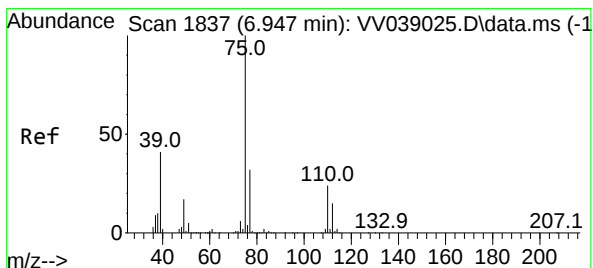
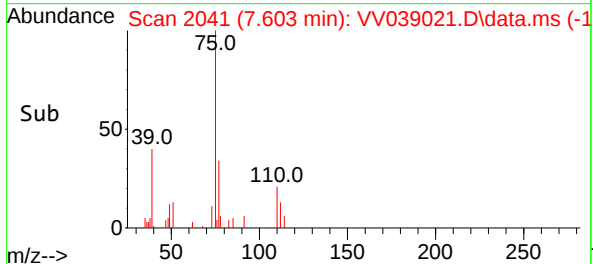
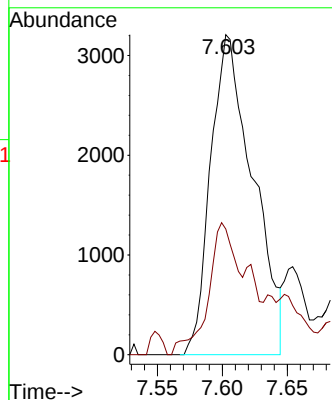
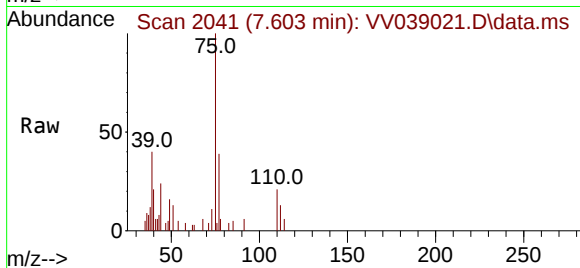
VSTDIC001

Tgt Ion: 75 Resp: 7250

Ion Ratio Lower Upper

75 100

77 35.0 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 0.914 ug/l

RT: 6.966 min Scan# 1843

Delta R.T. 0.019 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

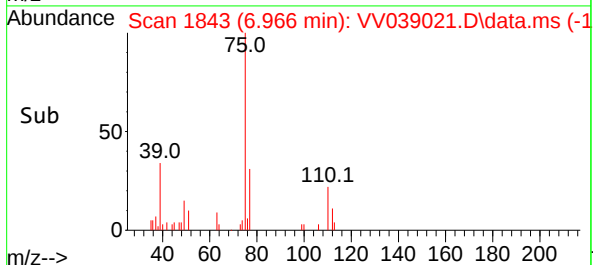
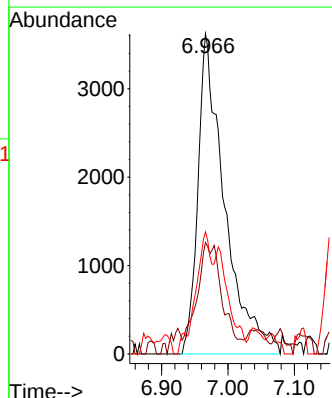
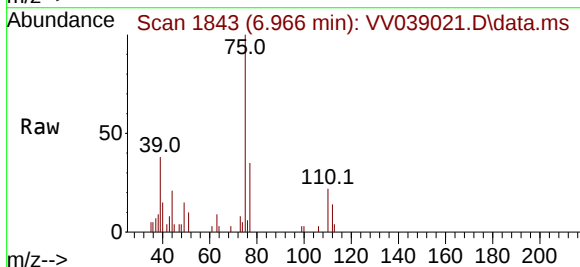
Tgt Ion: 75 Resp: 10099

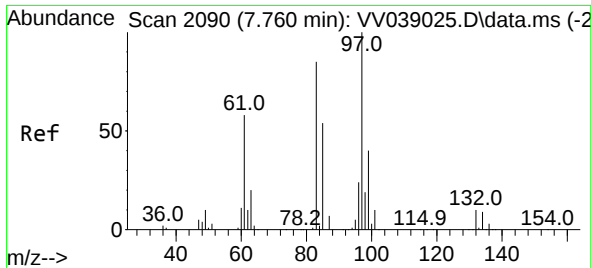
Ion Ratio Lower Upper

75 100

77 28.2 25.6 38.4

39 34.6 32.5 48.7

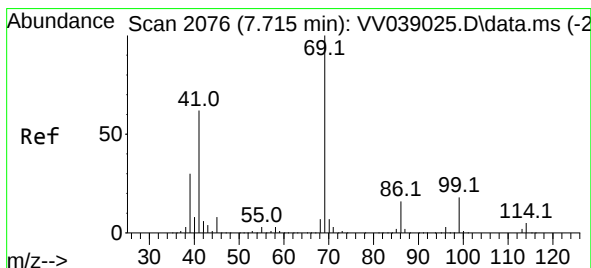
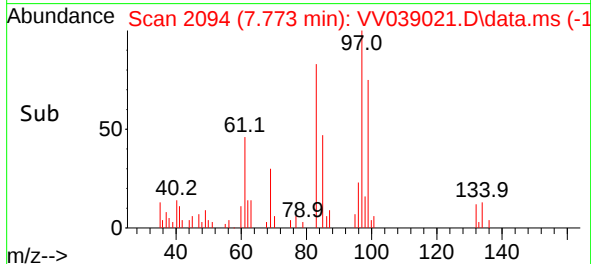
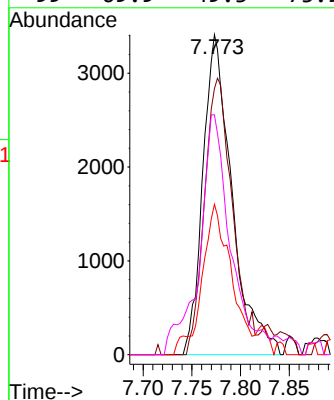
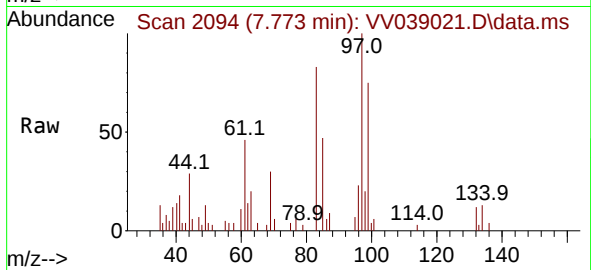




#55
1,1,2-Trichloroethane
Concen: 0.991 ug/l
RT: 7.773 min Scan# 2094
Delta R.T. 0.013 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

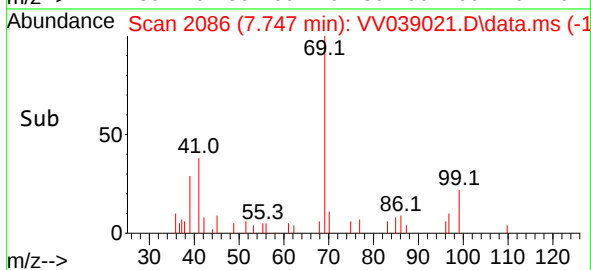
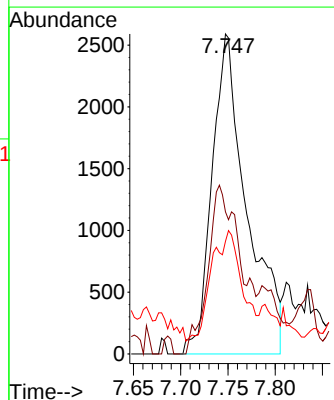
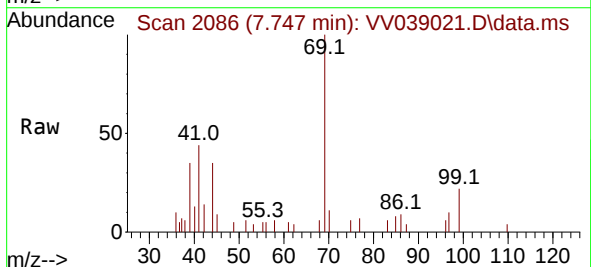
Instrument : MSVOA_V
ClientSampleId : VSTDIC001

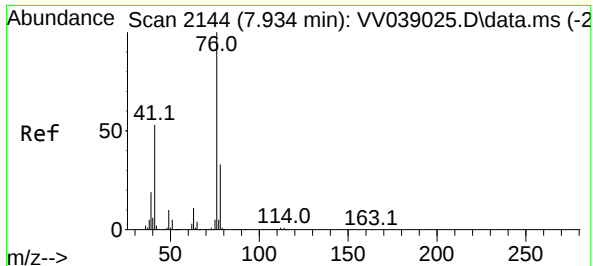
Tgt Ion:	97	Resp:	7106
Ion	Ratio	Lower	Upper
97	100		
83	83.1	68.1	102.1
85	43.0	44.5	66.7#
99	69.9	49.3	73.9



#56
Ethyl methacrylate
Concen: 0.697 ug/l
RT: 7.747 min Scan# 2086
Delta R.T. 0.032 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion:	69	Resp:	6633
Ion	Ratio	Lower	Upper
69	100		
41	44.4	49.4	74.2#
39	11.9	24.0	36.0#





#57

1,3-Dichloropropane

Concen: 0.933 ug/l

RT: 7.950 min Scan# 2144

Delta R.T. 0.016 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

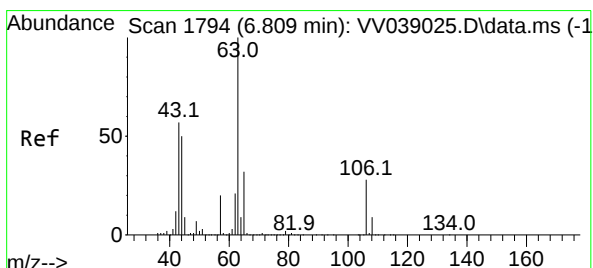
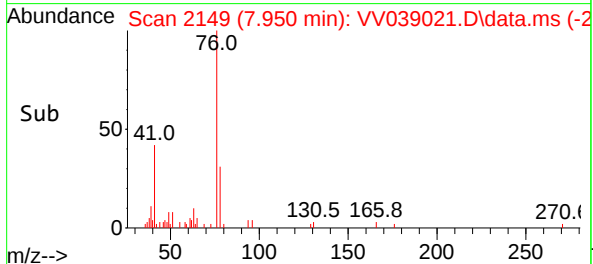
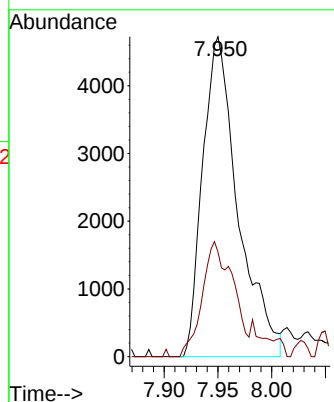
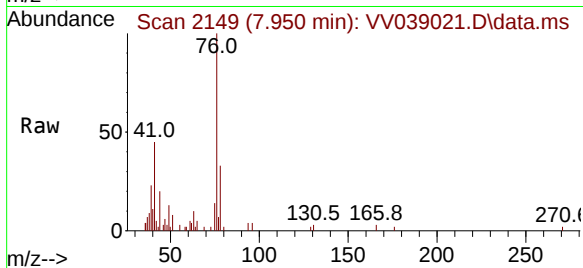
VSTDIC001

Tgt Ion: 76 Resp: 10804

Ion Ratio Lower Upper

76 100

78 31.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 8.832 ug/l

RT: 6.844 min Scan# 1805

Delta R.T. 0.035 min

Lab File: VV039021.D

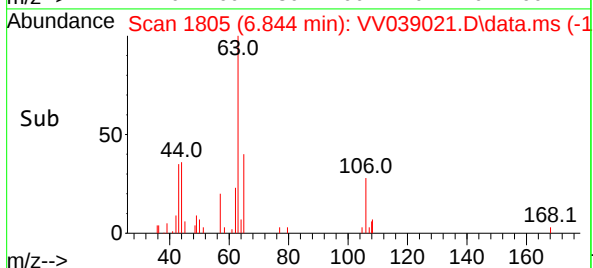
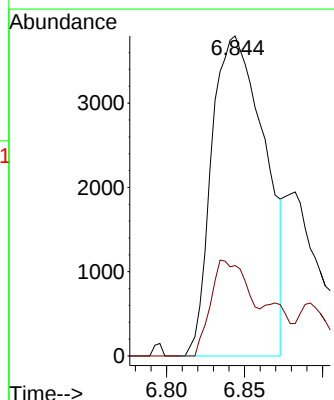
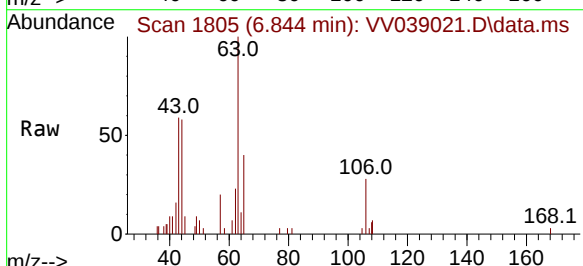
Acq: 25 Aug 2025 09:29

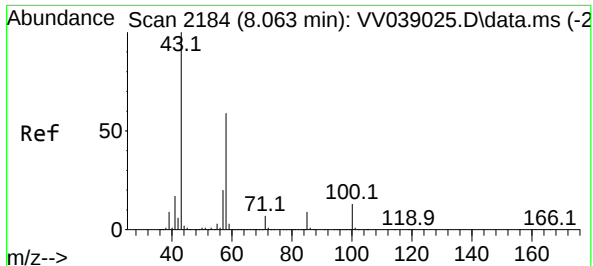
Tgt Ion: 63 Resp: 8960

Ion Ratio Lower Upper

63 100

106 22.0 22.3 33.5#





#59

2-Hexanone

Concen: 2.119 ug/l

RT: 8.088 min Scan# 2184

Delta R.T. 0.026 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

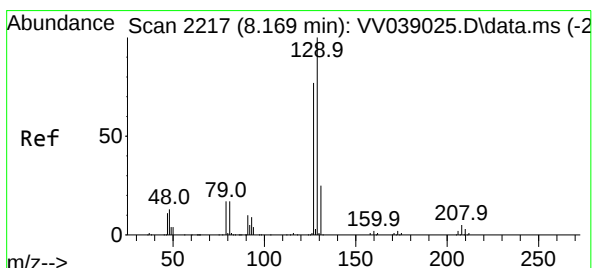
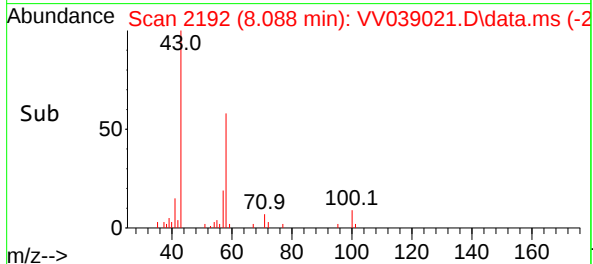
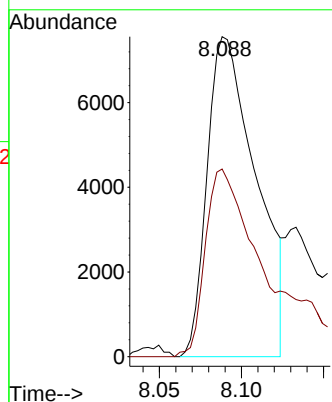
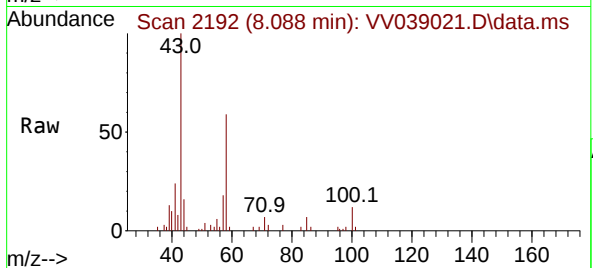
VSTDIC001

Tgt Ion: 43 Resp: 15664

Ion Ratio Lower Upper

43 100

58 71.6 28.8 86.4



#60

Dibromochloromethane

Concen: 1.052 ug/l

RT: 8.175 min Scan# 2219

Delta R.T. 0.006 min

Lab File: VV039021.D

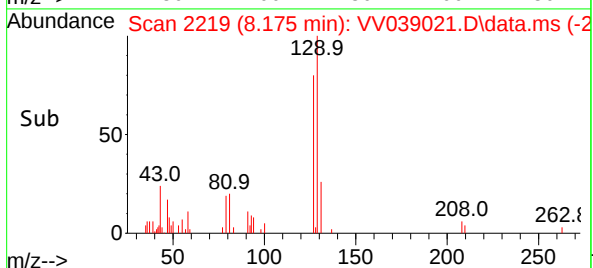
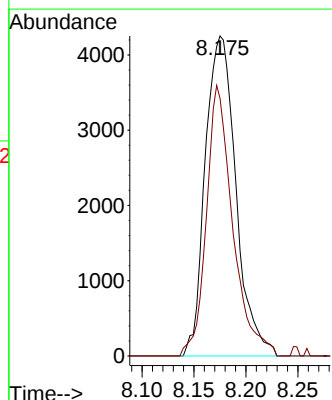
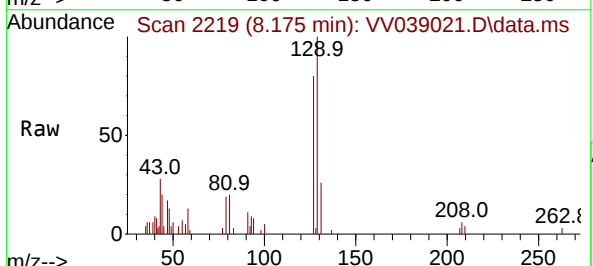
Acq: 25 Aug 2025 09:29

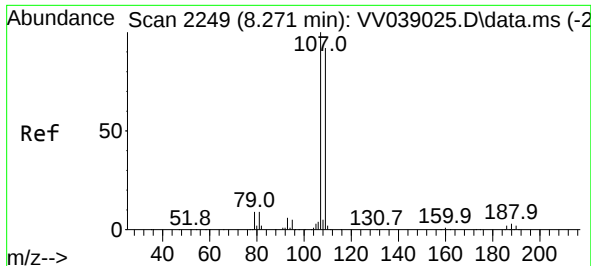
Tgt Ion: 129 Resp: 8726

Ion Ratio Lower Upper

129 100

127 72.5 39.0 117.0

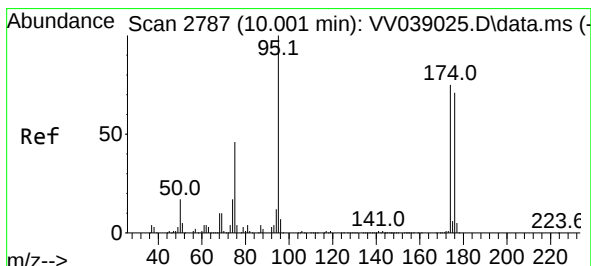
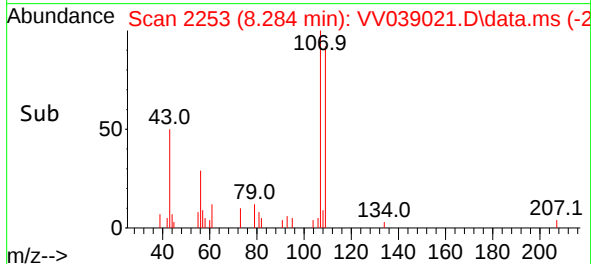
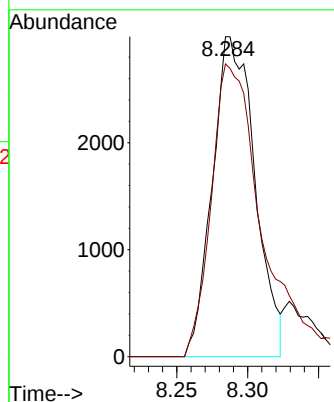
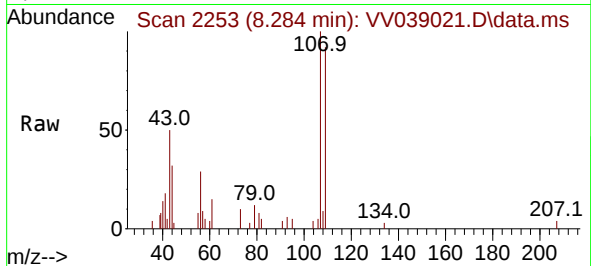




#61
1,2-Dibromoethane
Concen: 0.842 ug/l
RT: 8.284 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

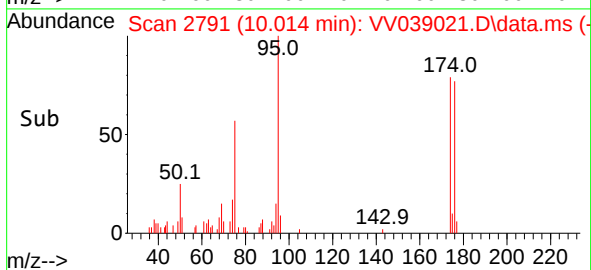
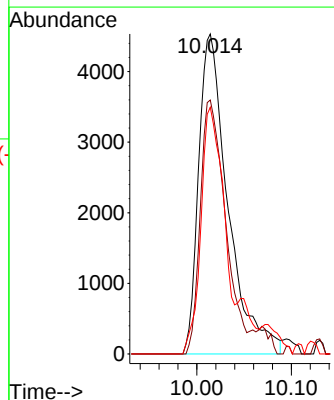
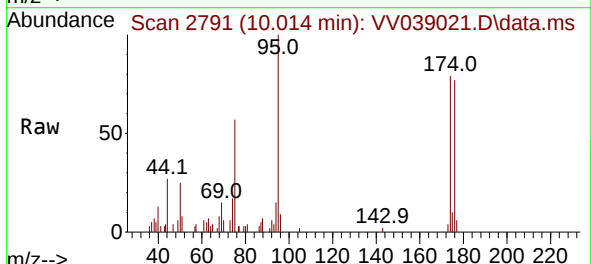
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

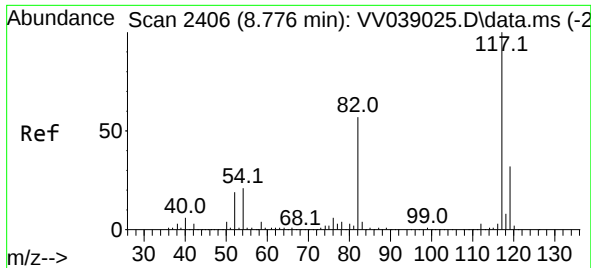
Tgt Ion:107 Resp: 6233
Ion Ratio Lower Upper
107 100
109 108.9 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 1.199 ug/l
RT: 10.014 min Scan# 2791
Delta R.T. 0.013 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 95 Resp: 9762
Ion Ratio Lower Upper
95 100
174 68.2 0.0 150.4
176 59.8 0.0 144.2

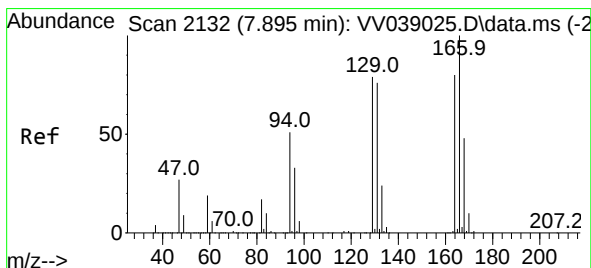
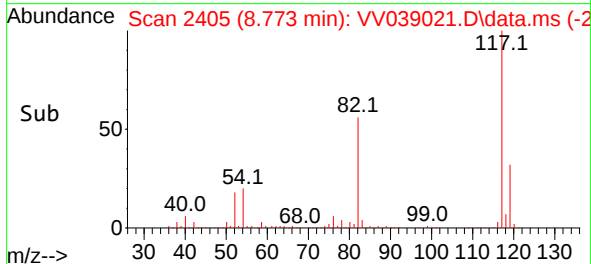
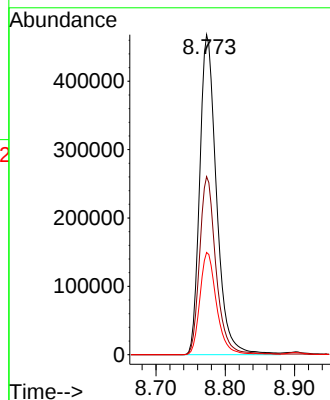
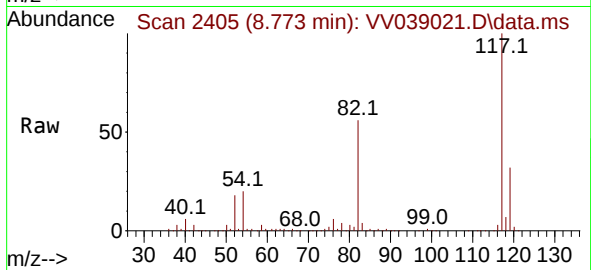




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

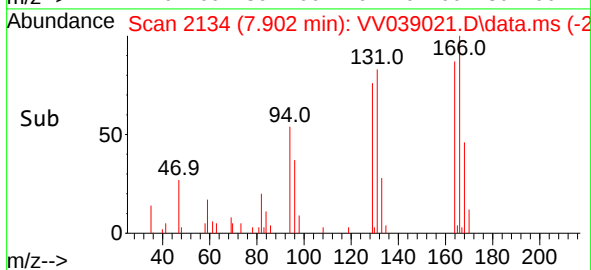
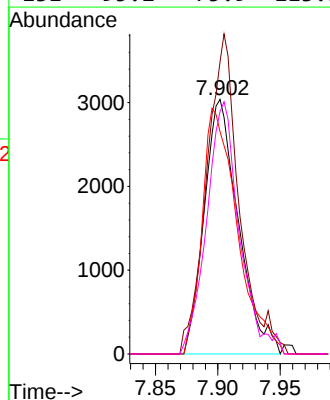
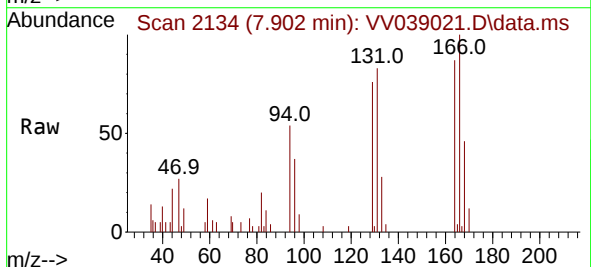
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

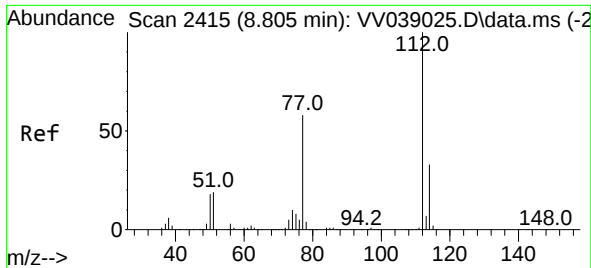
Tgt Ion:117 Resp: 789482
Ion Ratio Lower Upper
117 100
82 55.7 45.6 68.4
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 1.031 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion:164 Resp: 5785
Ion Ratio Lower Upper
164 100
166 114.8 99.7 149.5
129 87.4 78.5 117.7
131 95.2 75.9 113.9

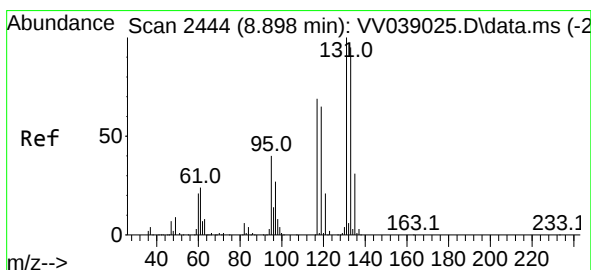
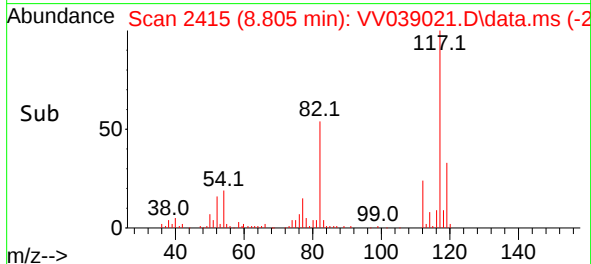
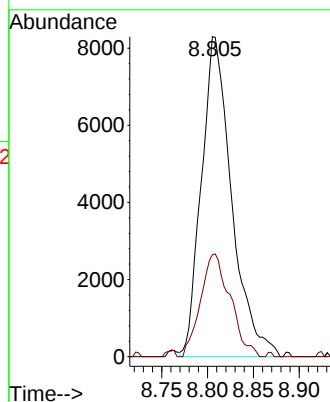
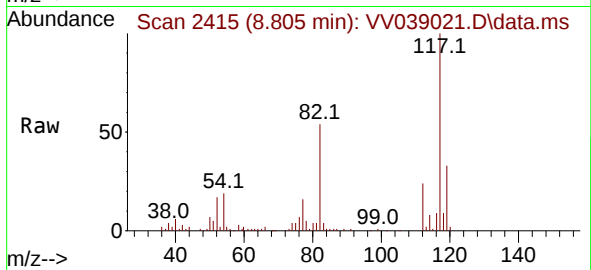




#65
Chlorobenzene
Concen: 1.008 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

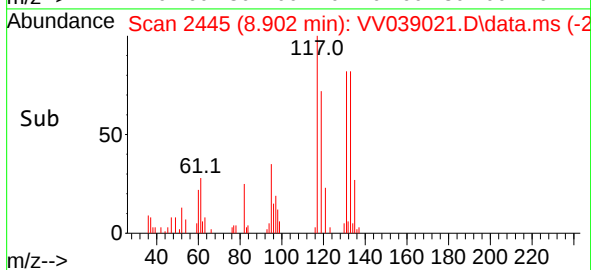
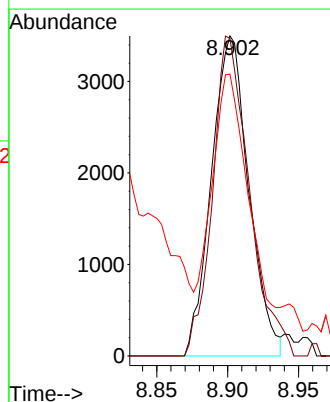
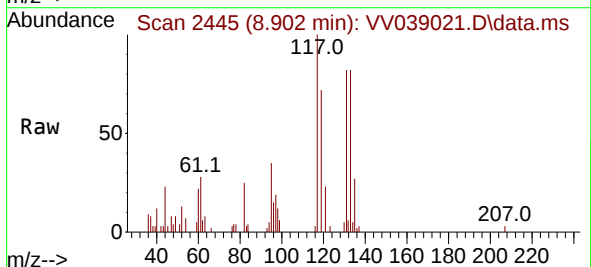
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

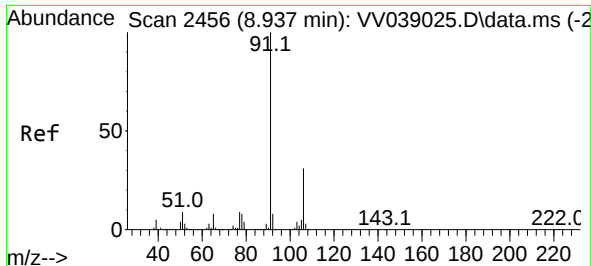
Tgt Ion:112 Resp: 19049
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.976 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.003 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion:131 Resp: 6435
Ion Ratio Lower Upper
131 100
133 97.7 47.6 142.9
119 0.0 33.3 99.8

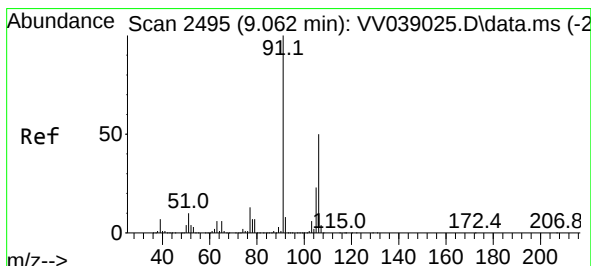
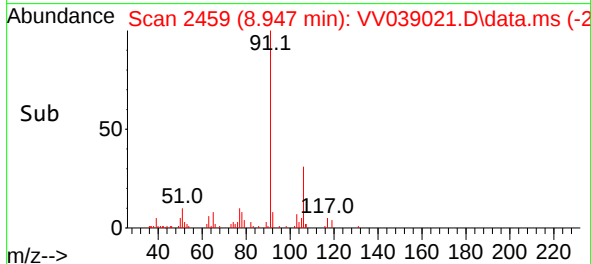
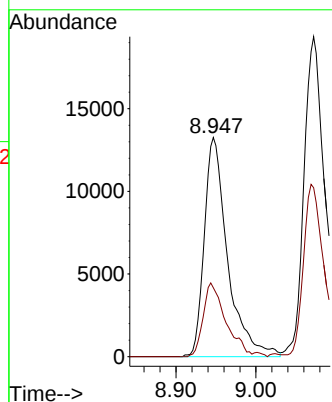
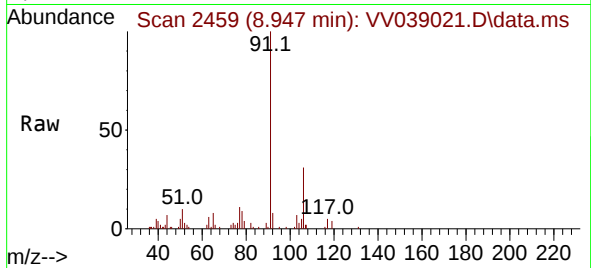




#67
Ethyl Benzene
Concen: 0.901 ug/l
RT: 8.947 min Scan# 2456
Delta R.T. 0.010 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

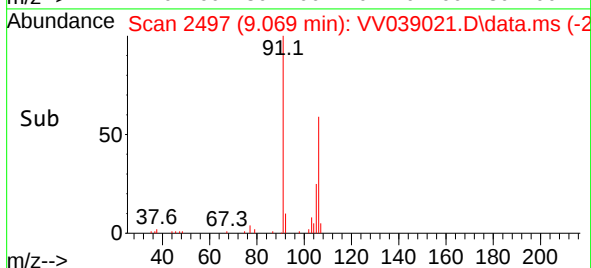
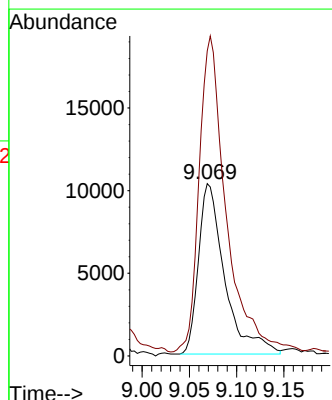
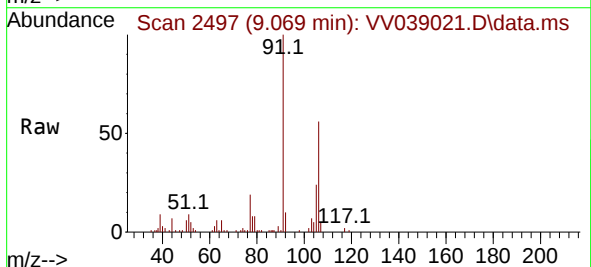
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

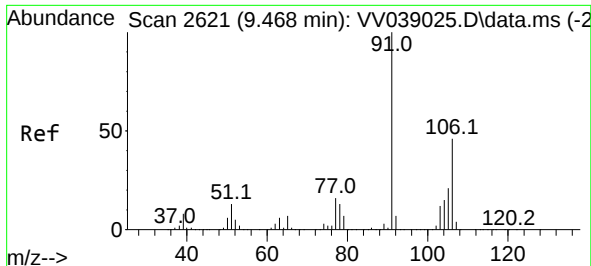
Tgt Ion: 91 Resp: 26914
Ion Ratio Lower Upper
91 100
106 31.4 24.6 37.0



#68
m/p-Xylenes
Concen: 1.738 ug/l
RT: 9.069 min Scan# 2497
Delta R.T. 0.006 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 106 Resp: 19968
Ion Ratio Lower Upper
106 100
91 200.0 162.4 243.6

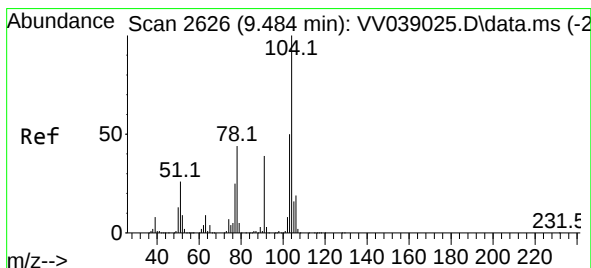
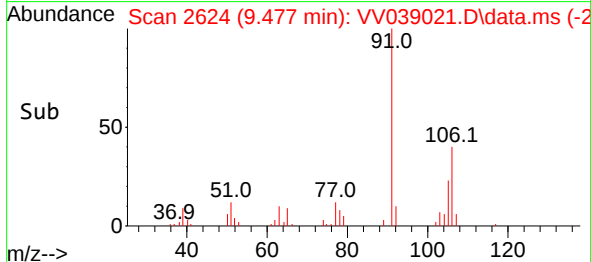
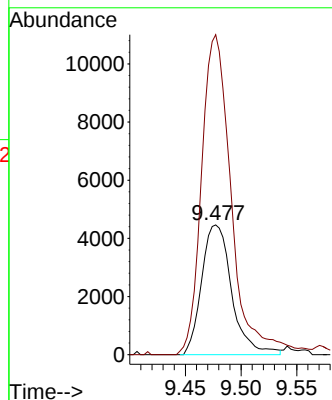
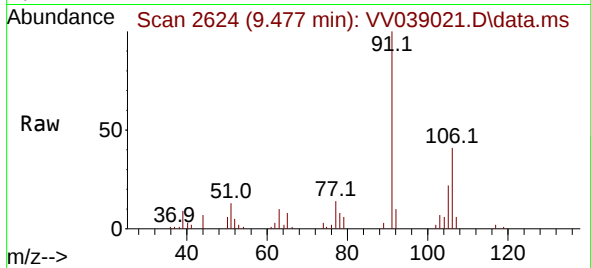




#69
o-Xylene
Concen: 0.798 ug/l
RT: 9.477 min Scan# 2621
Delta R.T. 0.010 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

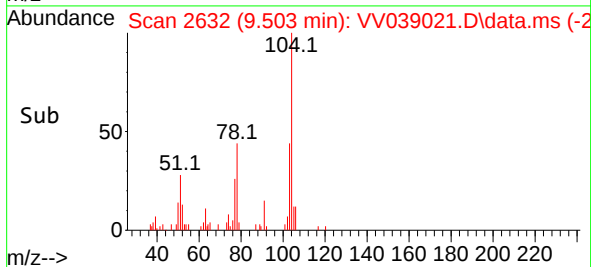
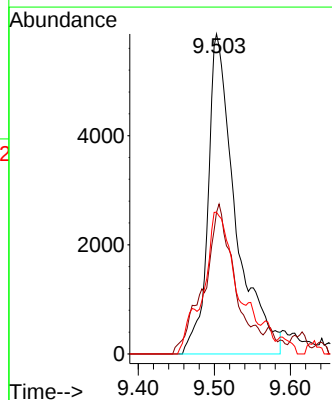
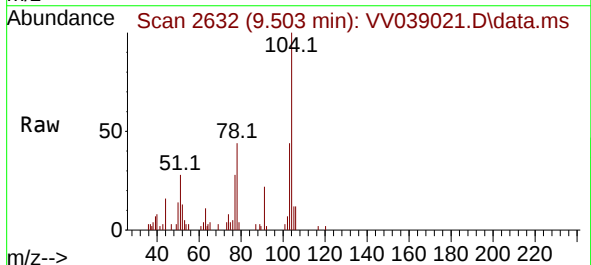
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

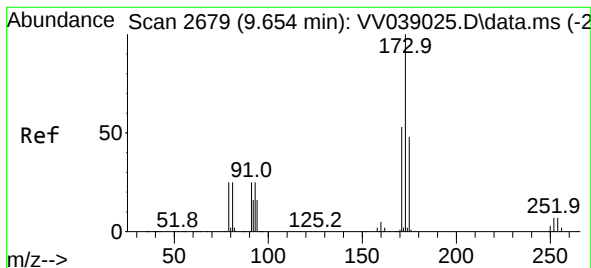
Tgt Ion:106 Resp: 8395
Ion Ratio Lower Upper
106 100
91 245.4 106.7 320.1



#70
Styrene
Concen: 0.793 ug/l
RT: 9.503 min Scan# 2632
Delta R.T. 0.019 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion:104 Resp: 14697
Ion Ratio Lower Upper
104 100
78 52.7 39.3 58.9
103 49.2 43.2 64.8





#71

Bromoform

Concen: 0.971 ug/l

RT: 9.660 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

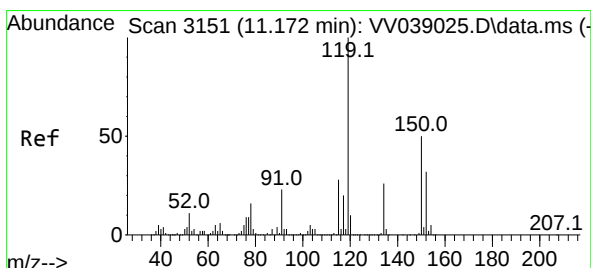
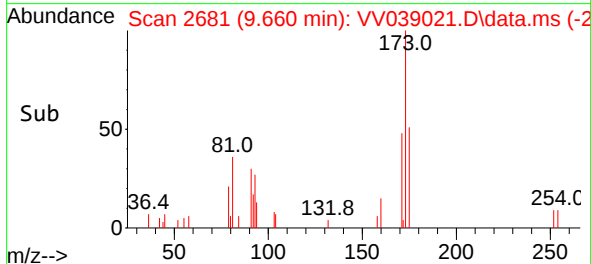
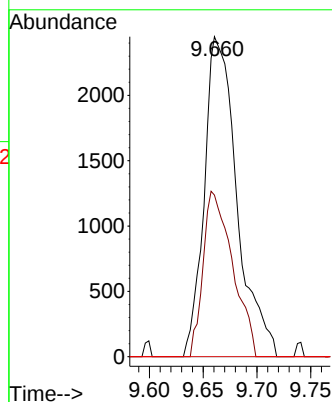
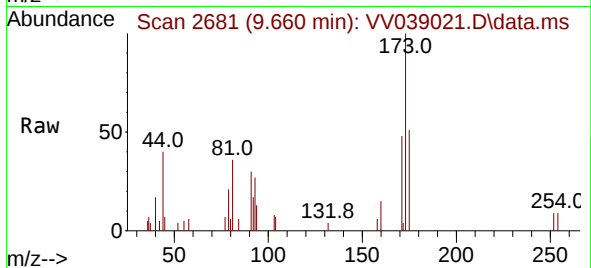
Tgt Ion:173 Resp: 5179

Ion Ratio Lower Upper

173 100

175 46.5 24.3 72.9

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

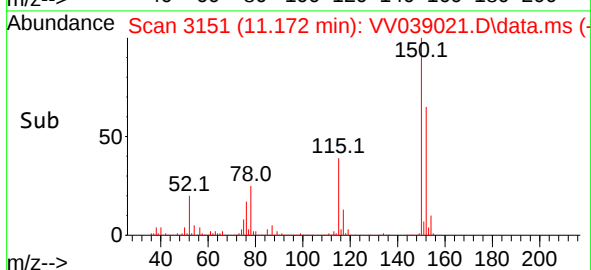
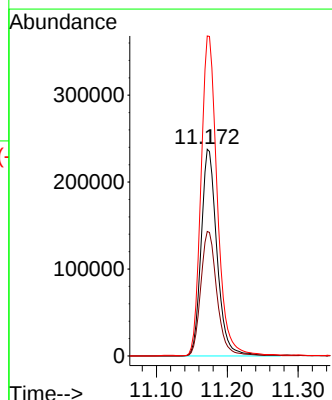
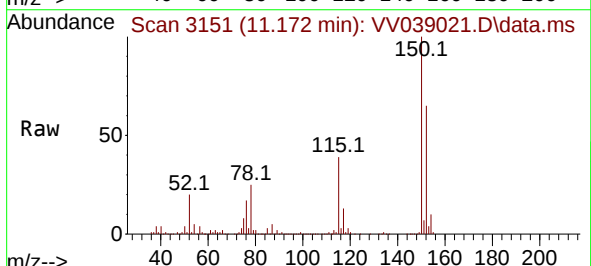
Tgt Ion:152 Resp: 369593

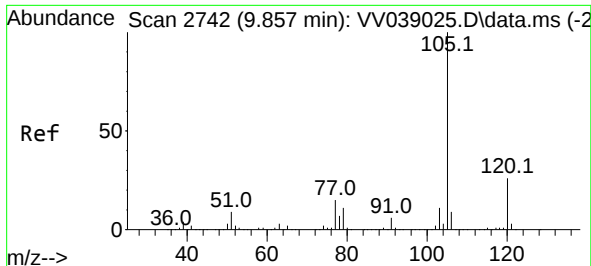
Ion Ratio Lower Upper

152 100

115 61.6 44.0 132.1

150 158.0 0.0 352.2

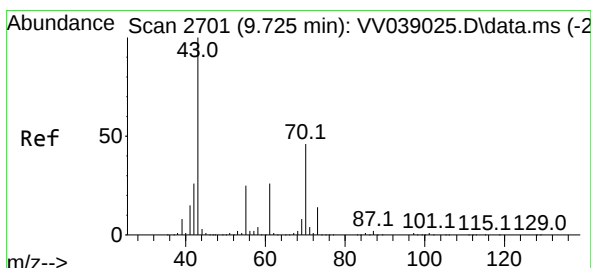
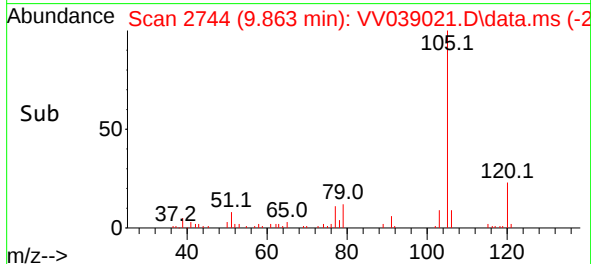
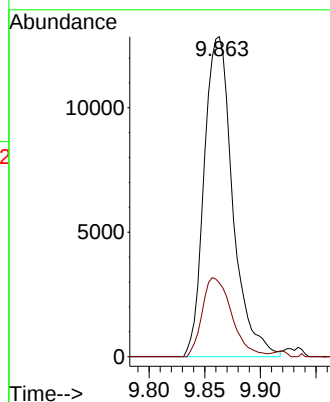
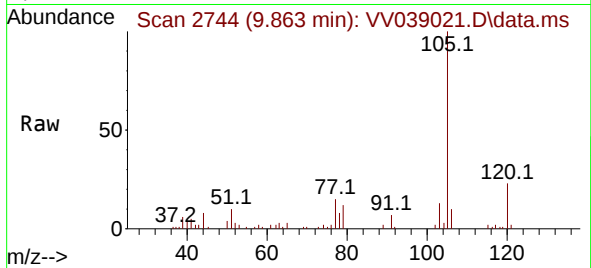




#73
Isopropylbenzene
Concen: 0.885 ug/l
RT: 9.863 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

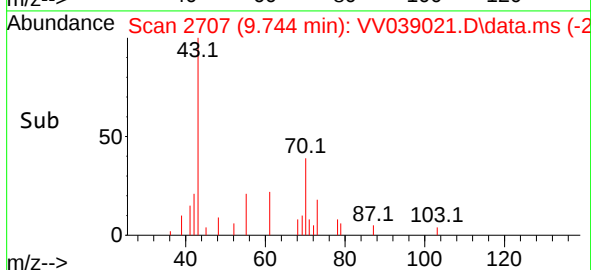
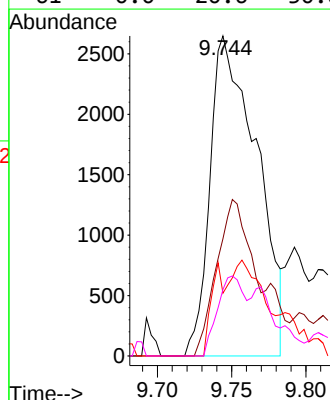
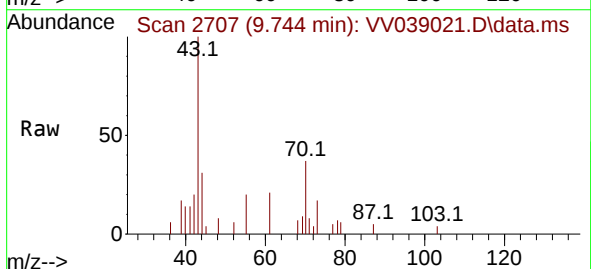
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

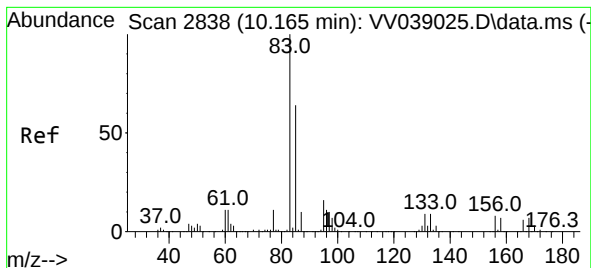
Tgt Ion:105 Resp: 22913
Ion Ratio Lower Upper
105 100
120 25.4 13.2 39.5



#74
N-ethyl acetate
Concen: 0.542 ug/l
RT: 9.744 min Scan# 2707
Delta R.T. 0.019 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 43 Resp: 5768
Ion Ratio Lower Upper
43 100
70 0.0 36.4 54.6#
55 7.4 20.6 30.8#
61 0.0 20.6 30.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.098 ug/l

RT: 10.172 min Scan# 2838

Delta R.T. 0.006 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

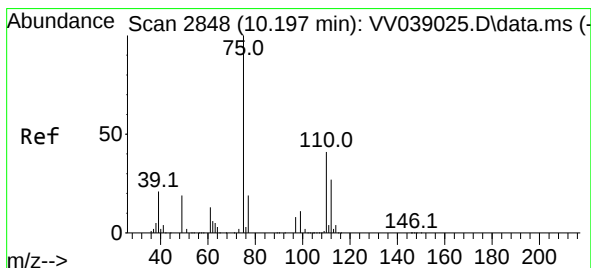
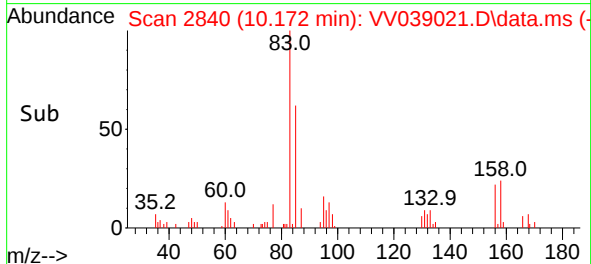
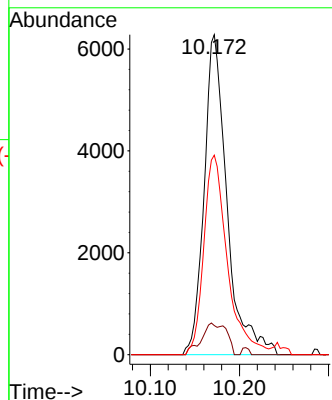
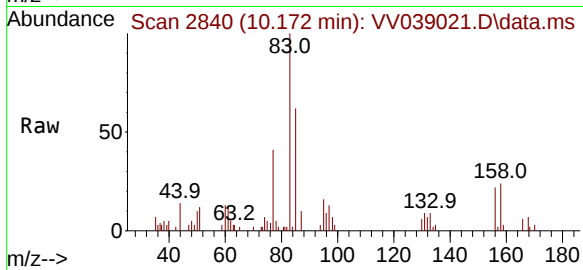
Tgt Ion: 83 Resp: 11207

Ion Ratio Lower Upper

83 100

131 10.7 4.7 14.0

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 0.919 ug/l

RT: 10.207 min Scan# 2851

Delta R.T. 0.010 min

Lab File: VV039021.D

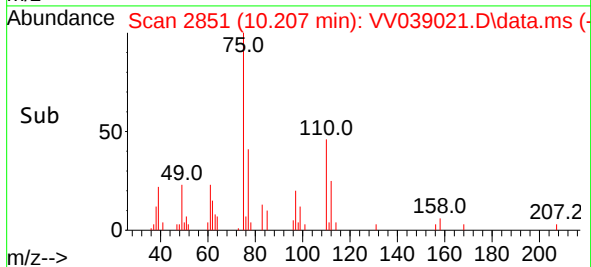
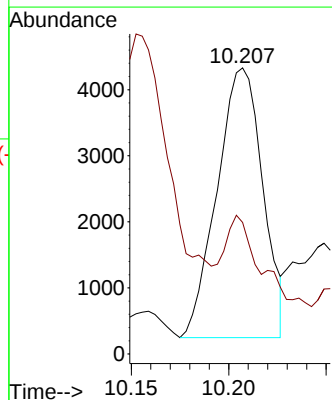
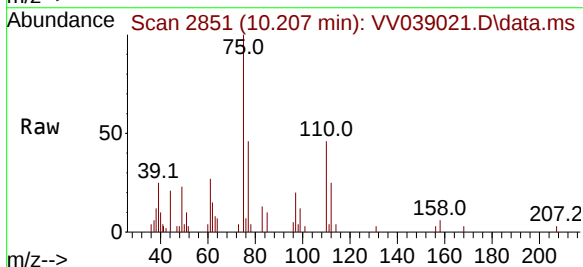
Acq: 25 Aug 2025 09:29

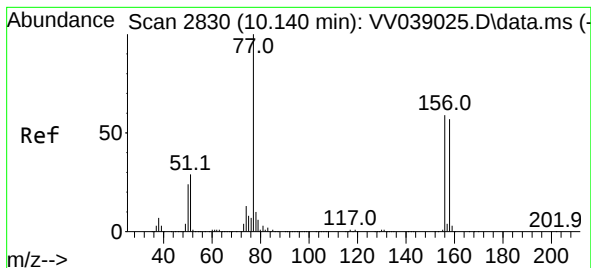
Tgt Ion: 75 Resp: 6665

Ion Ratio Lower Upper

75 100

77 52.2 11.9 35.5#





#77

Bromobenzene

Concen: 0.959 ug/l

RT: 10.152 min Scan# 2834

Delta R.T. 0.013 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

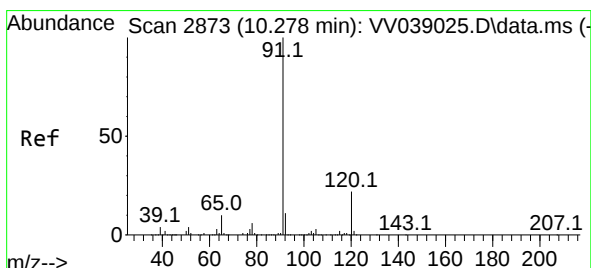
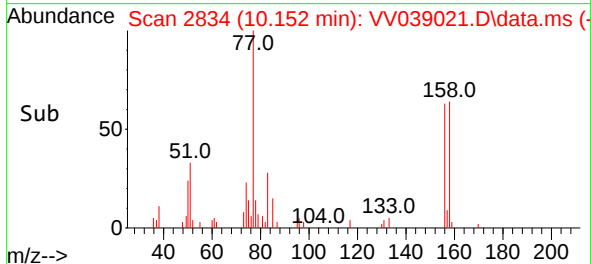
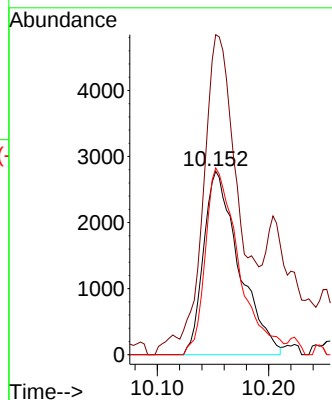
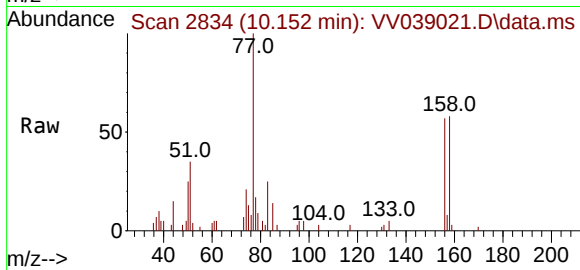
Tgt Ion:156 Resp: 6156

Ion Ratio Lower Upper

156 100

77 164.7 82.5 247.7

158 96.1 49.4 148.0



#78

n-propylbenzene

Concen: 0.843 ug/l

RT: 10.284 min Scan# 2875

Delta R.T. 0.006 min

Lab File: VV039021.D

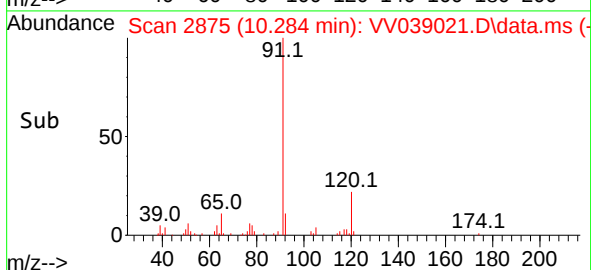
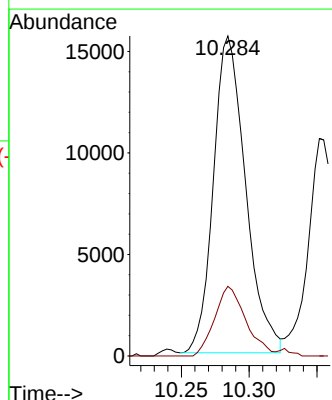
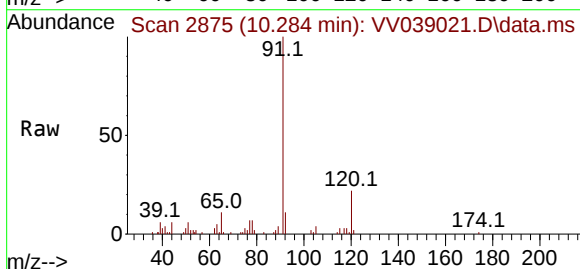
Acq: 25 Aug 2025 09:29

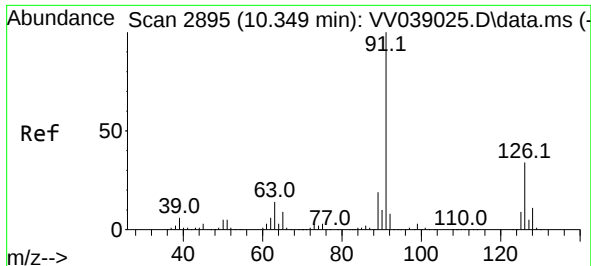
Tgt Ion: 91 Resp: 25769

Ion Ratio Lower Upper

91 100

120 21.3 11.2 33.6





#79

2-Chlorotoluene

Concen: 0.977 ug/l

RT: 10.352 min Scan# 2895

Delta R.T. 0.003 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

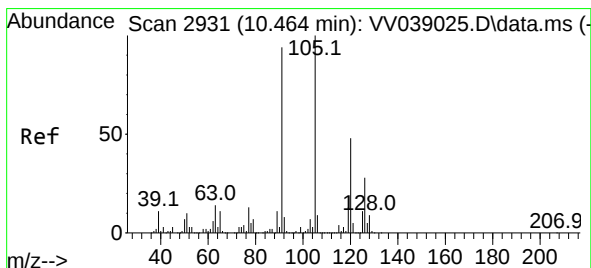
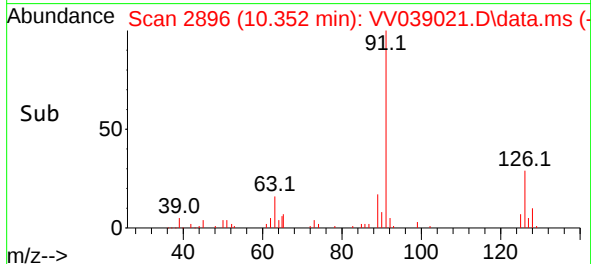
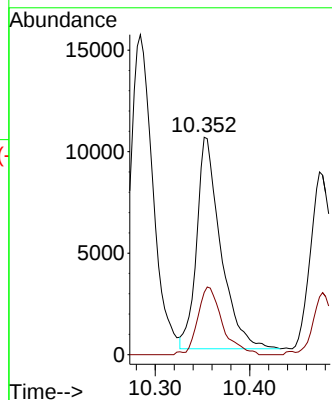
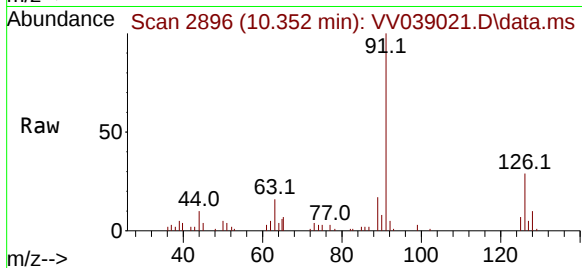
VSTDIC001

Tgt Ion: 91 Resp: 18413

Ion Ratio Lower Upper

91 100

126 32.7 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 0.837 ug/l

RT: 10.471 min Scan# 2933

Delta R.T. 0.006 min

Lab File: VV039021.D

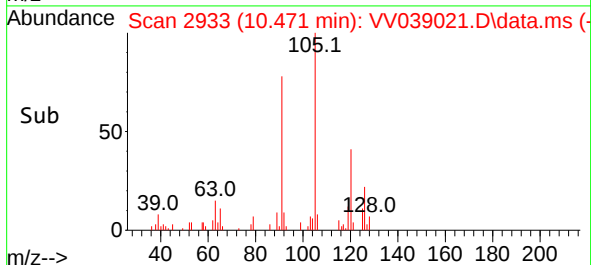
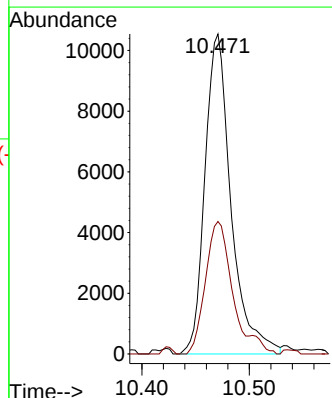
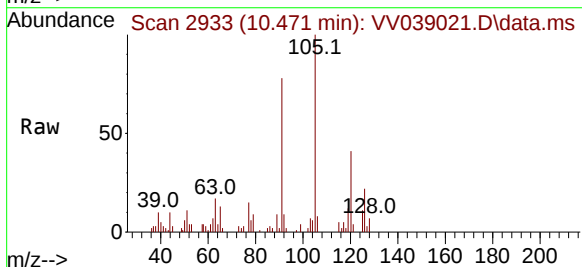
Acq: 25 Aug 2025 09:29

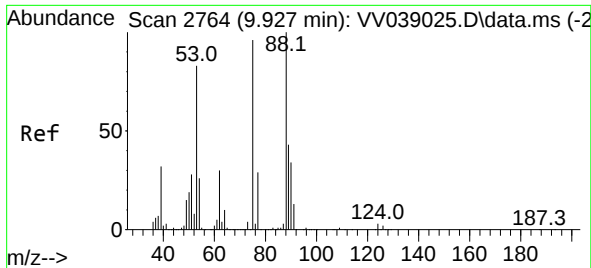
Tgt Ion: 105 Resp: 17796

Ion Ratio Lower Upper

105 100

120 43.3 23.9 71.8

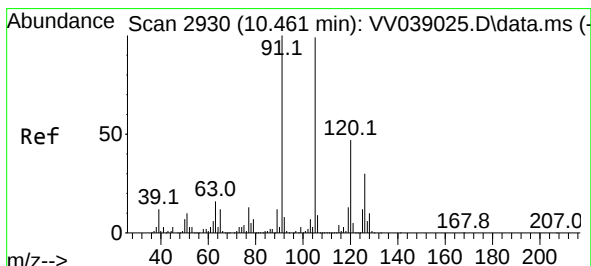
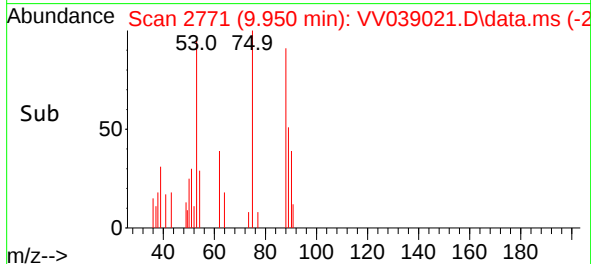
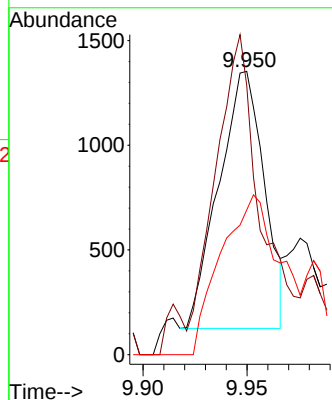
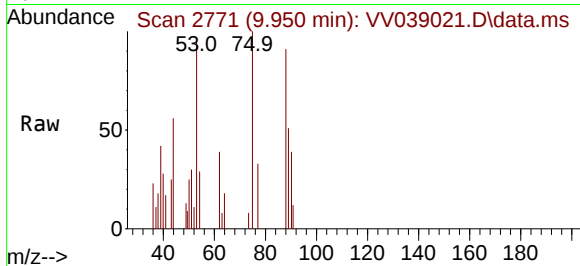




#81
trans-1,4-Dichloro-2-butene
Concen: 0.566 ug/l
RT: 9.950 min Scan# 21
Delta R.T. 0.023 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

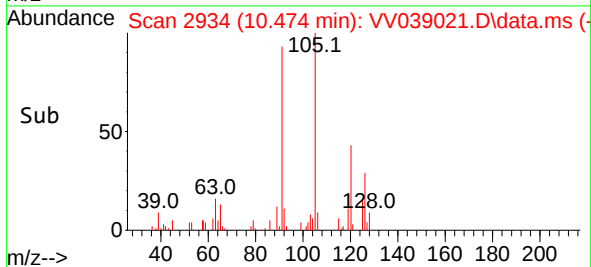
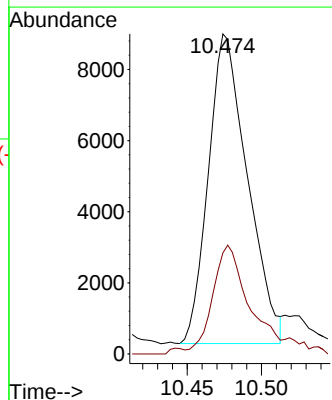
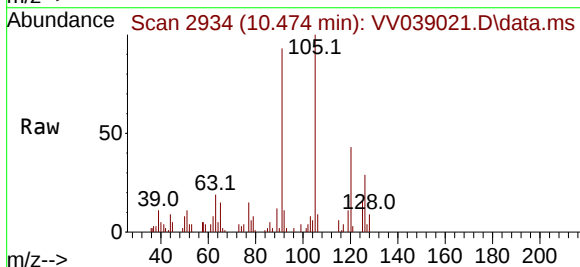
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

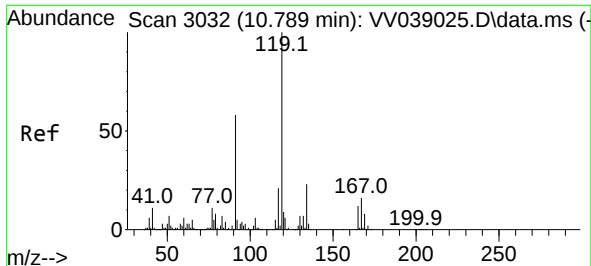
Tgt Ion: 75 Resp: 1866
Ion Ratio Lower Upper
75 100
53 127.0 70.2 105.4#
89 81.2 36.5 54.7#



#82
4-Chlorotoluene
Concen: 0.745 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.013 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion: 91 Resp: 15961
Ion Ratio Lower Upper
91 100
126 35.4 14.9 44.5

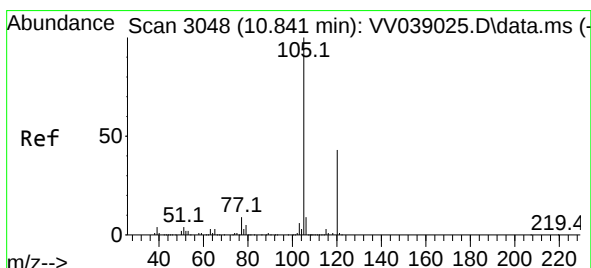
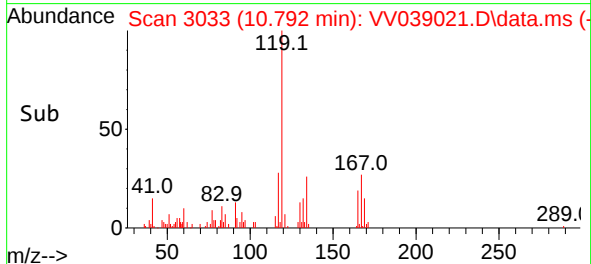
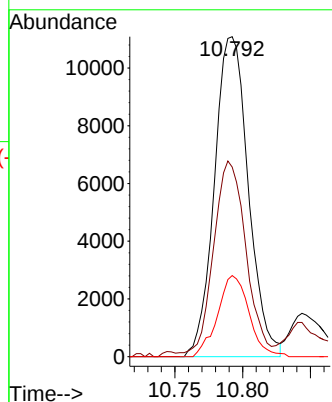
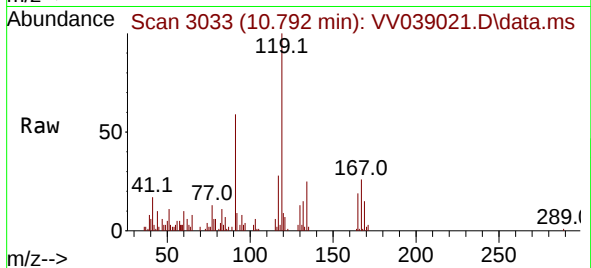




#83
 tert-Butylbenzene
 Concen: 0.892 ug/l
 RT: 10.792 min Scan# 3033
 Delta R.T. 0.003 min
 Lab File: VV039021.D
 Acq: 25 Aug 2025 09:29

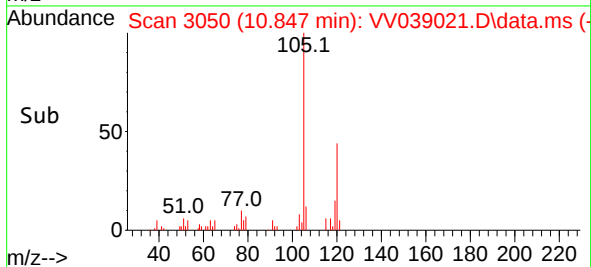
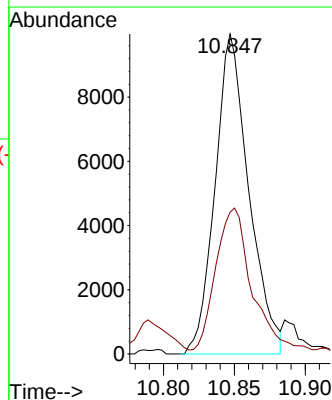
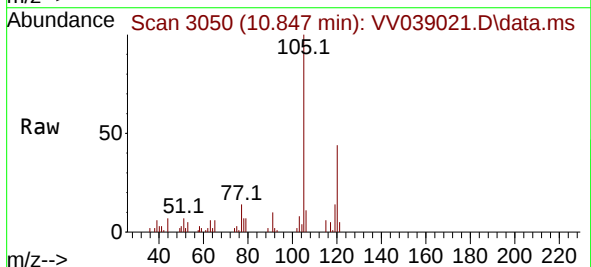
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

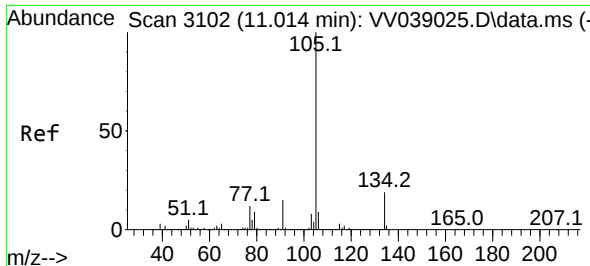
Tgt Ion:119 Resp: 19294
 Ion Ratio Lower Upper
 119 100
 91 56.1 28.1 84.4
 134 23.5 11.4 34.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.794 ug/l
 RT: 10.847 min Scan# 3050
 Delta R.T. 0.006 min
 Lab File: VV039021.D
 Acq: 25 Aug 2025 09:29

Tgt Ion:105 Resp: 16525
 Ion Ratio Lower Upper
 105 100
 120 47.7 22.6 67.8

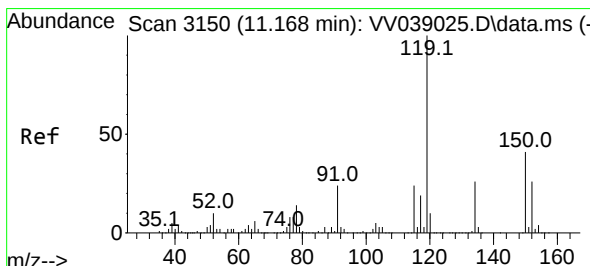
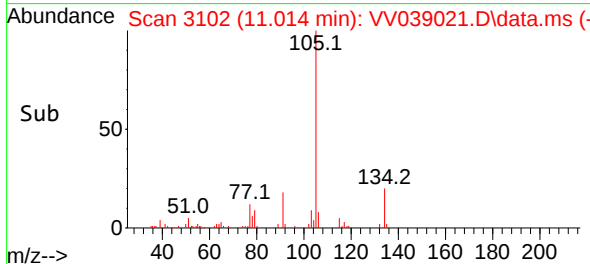
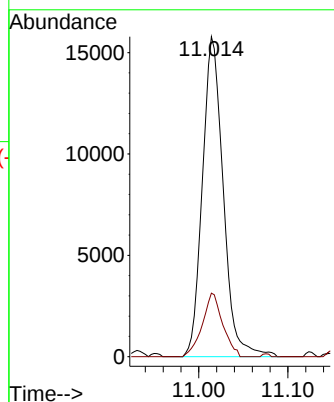
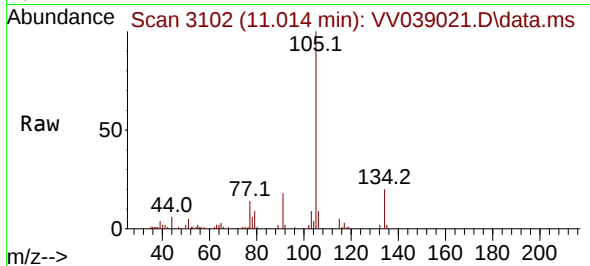




#85
 sec-Butylbenzene
 Concen: 0.902 ug/l
 RT: 11.014 min Scan# 3102
 Delta R.T. -0.000 min
 Lab File: VV039021.D
 Acq: 25 Aug 2025 09:29

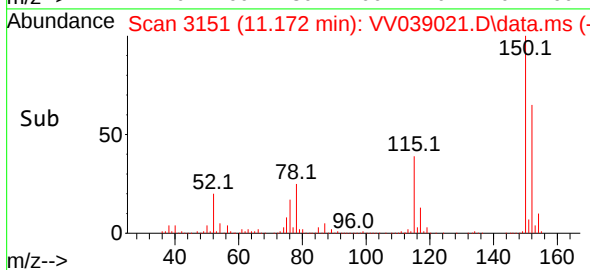
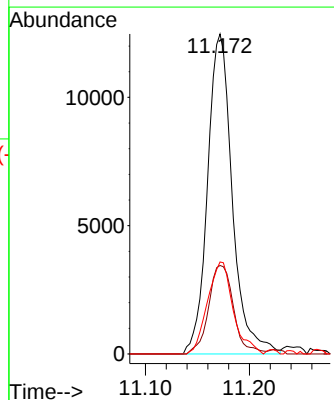
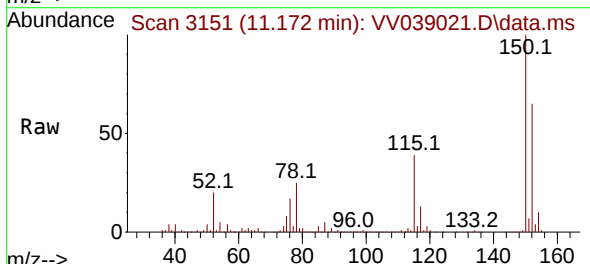
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

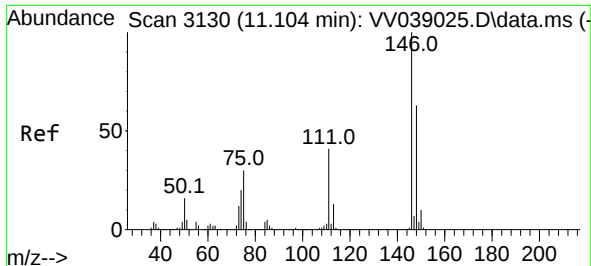
Tgt Ion:105 Resp: 25647
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.870 ug/l
 RT: 11.172 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VV039021.D
 Acq: 25 Aug 2025 09:29

Tgt Ion:119 Resp: 20635
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.1 39.1
 91 29.7 12.0 36.1

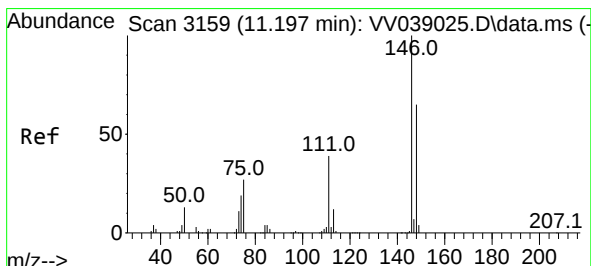
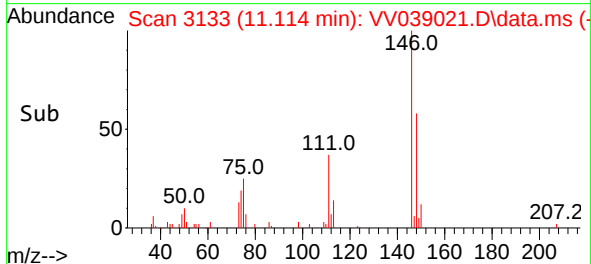
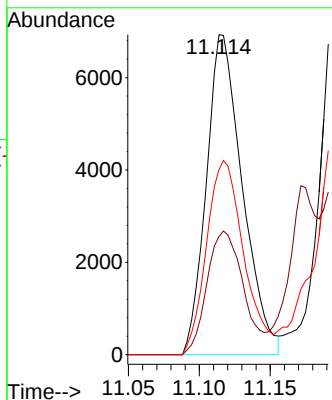
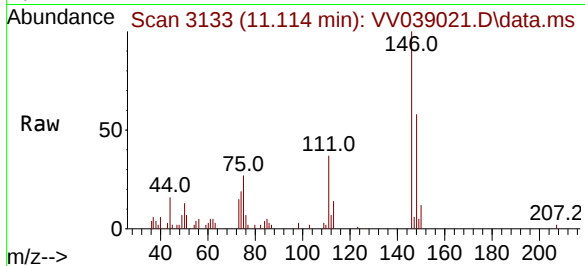




#87
1,3-Dichlorobenzene
Concen: 0.958 ug/l
RT: 11.114 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

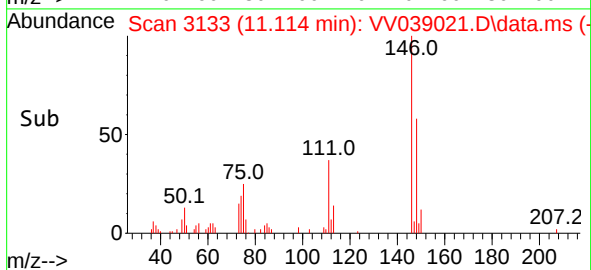
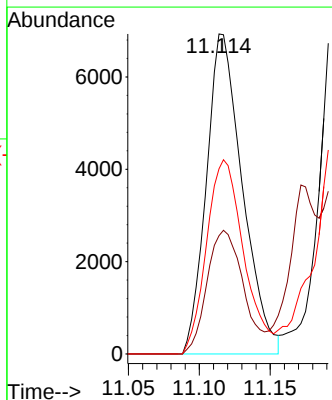
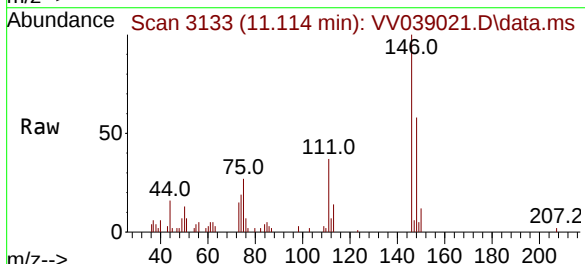
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

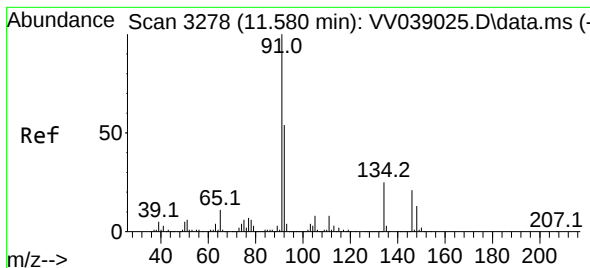
Tgt Ion:146 Resp: 12284
Ion Ratio Lower Upper
146 100
111 38.9 20.5 61.6
148 62.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 0.889 ug/l
RT: 11.114 min Scan# 3133
Delta R.T. -0.084 min
Lab File: VV039021.D
Acq: 25 Aug 2025 09:29

Tgt Ion:146 Resp: 12284
Ion Ratio Lower Upper
146 100
111 38.9 20.1 60.3
148 62.7 32.5 97.4





#89

n-Butylbenzene

Concen: 0.902 ug/l

RT: 11.586 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

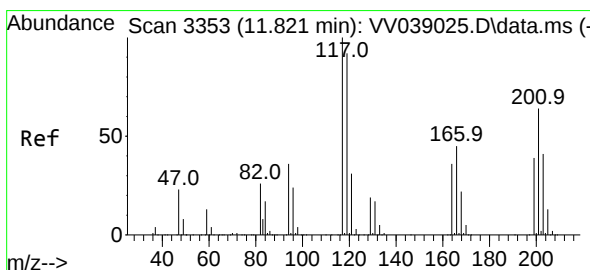
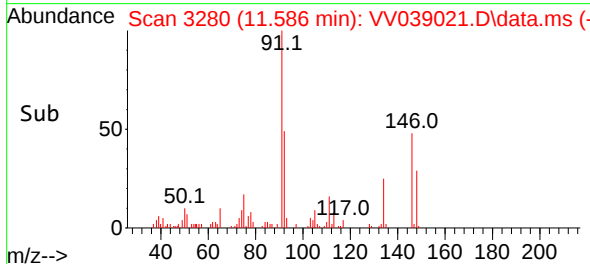
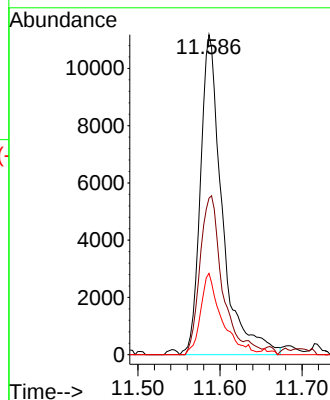
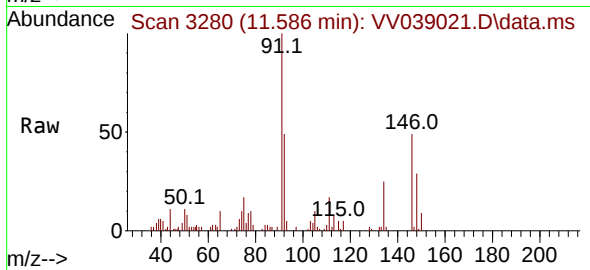
Tgt Ion: 91 Resp: 20636

Ion Ratio Lower Upper

91 100

92 51.5 26.8 80.4

134 24.7 12.2 36.6



#90

Hexachloroethane

Concen: 1.130 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. -0.003 min

Lab File: VV039021.D

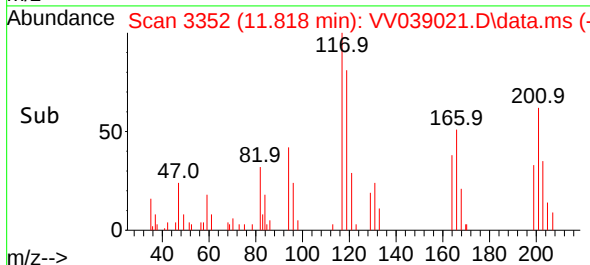
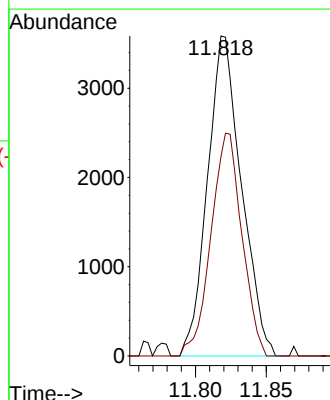
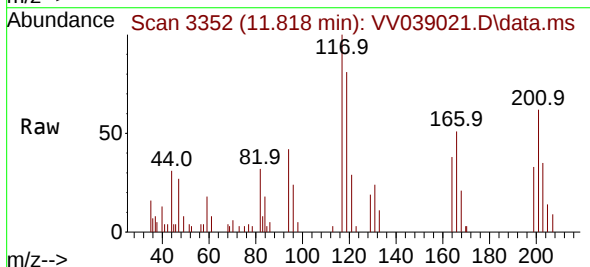
Acq: 25 Aug 2025 09:29

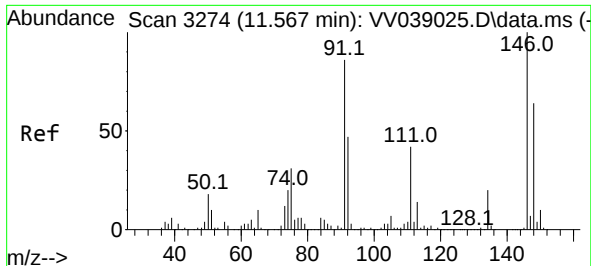
Tgt Ion: 117 Resp: 5984

Ion Ratio Lower Upper

117 100

201 63.3 32.2 96.6

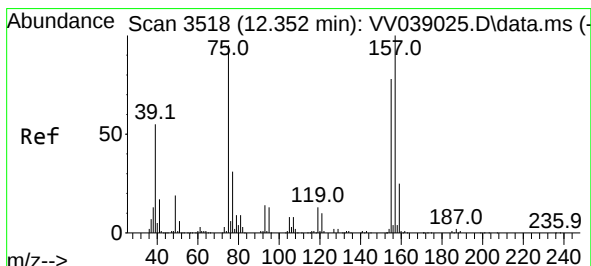
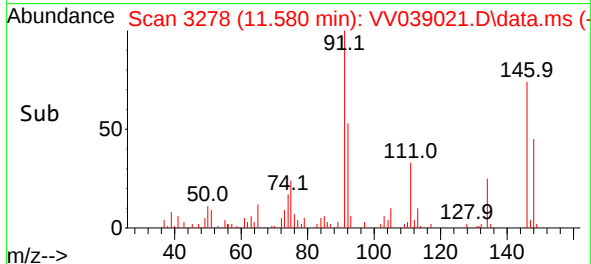
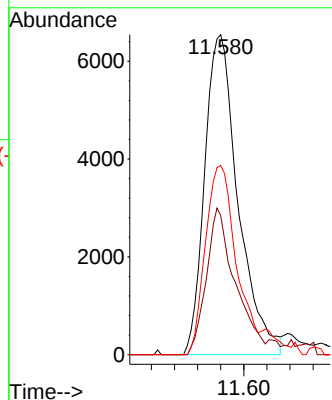
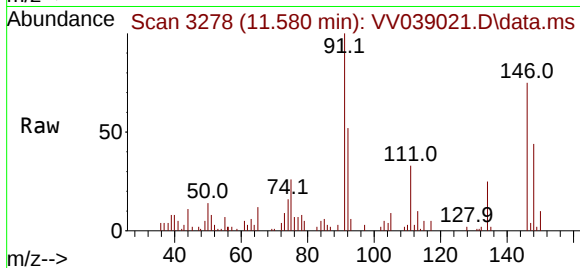




#91
 1,2-Dichlorobenzene
 Concen: 1.057 ug/l
 RT: 11.580 min Scan# 31
 Delta R.T. 0.013 min
 Lab File: VV039021.D
 Acq: 25 Aug 2025 09:29

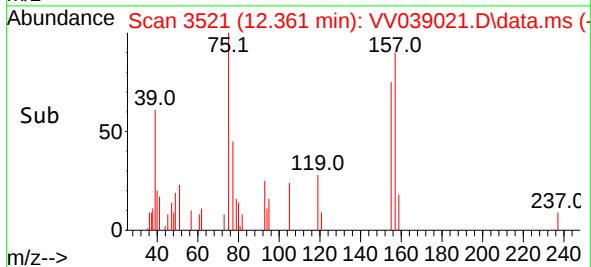
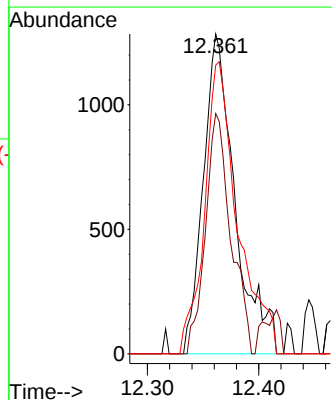
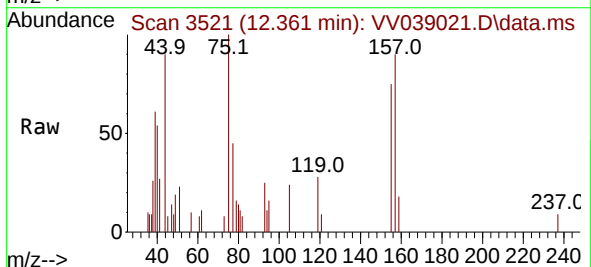
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

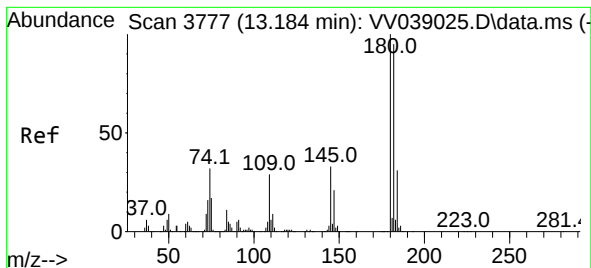
Tgt Ion:146 Resp: 13148
 Ion Ratio Lower Upper
 146 100
 111 39.8 21.1 63.4
 148 55.0 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.150 ug/l
 RT: 12.361 min Scan# 3521
 Delta R.T. 0.010 min
 Lab File: VV039021.D
 Acq: 25 Aug 2025 09:29

Tgt Ion: 75 Resp: 2550
 Ion Ratio Lower Upper
 75 100
 155 60.0 40.9 122.7
 157 94.9 53.4 160.3





#93

1,2,4-Trichlorobenzene

Concen: 0.863 ug/l

RT: 13.201 min Scan# 31

Delta R.T. 0.016 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

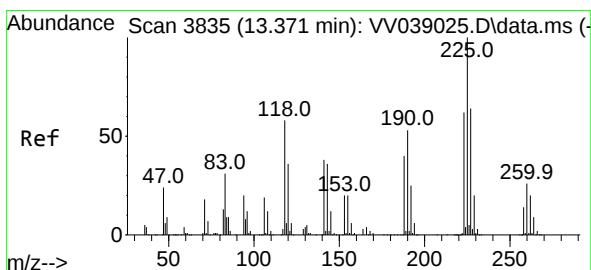
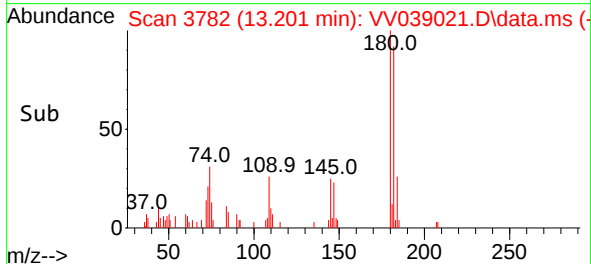
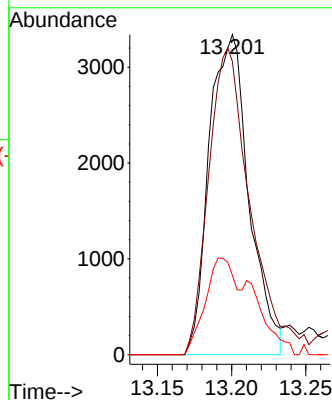
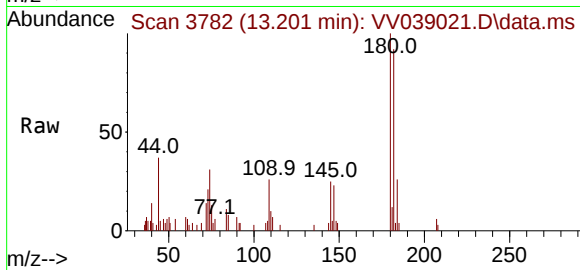
Tgt Ion:180 Resp: 6223

Ion Ratio Lower Upper

180 100

182 101.0 47.5 142.6

145 24.4 16.3 48.9



#94

Hexachlorobutadiene

Concen: 1.122 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. -0.000 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

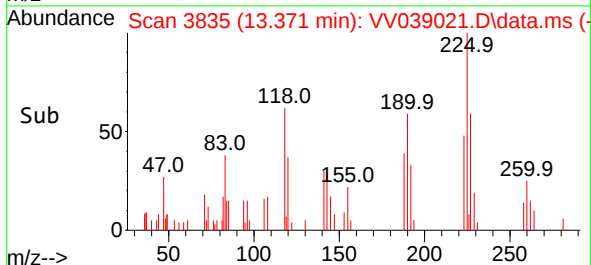
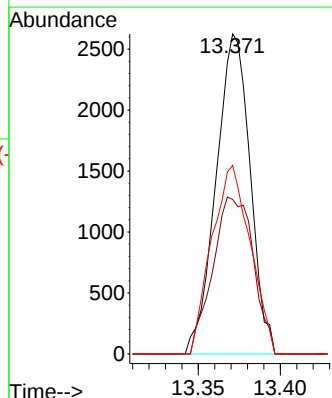
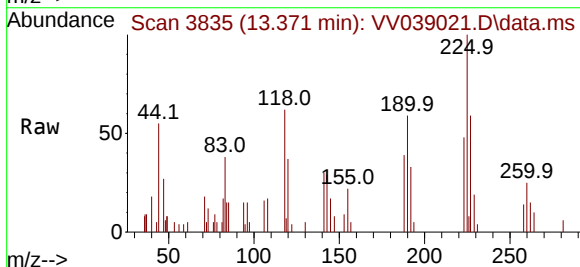
Tgt Ion:225 Resp: 3781

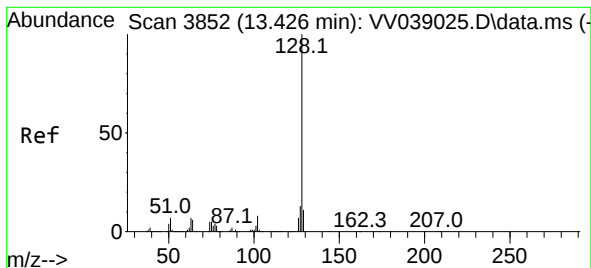
Ion Ratio Lower Upper

225 100

223 58.3 32.1 96.5

227 66.8 31.6 95.0





#95

Naphthalene

Concen: 0.979 ug/l

RT: 13.438 min Scan# 3856

Delta R.T. 0.013 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

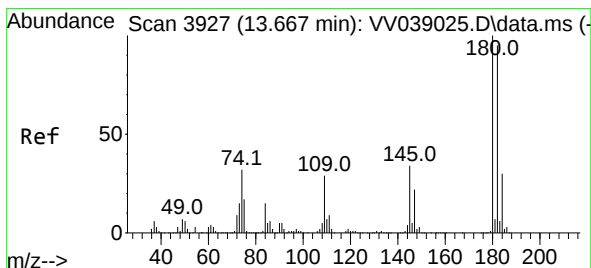
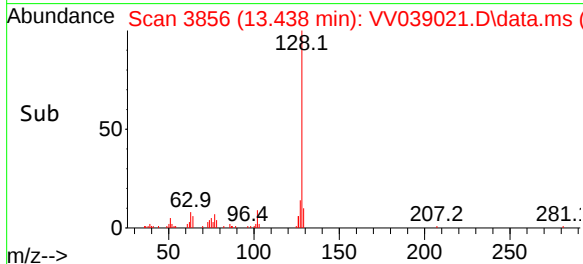
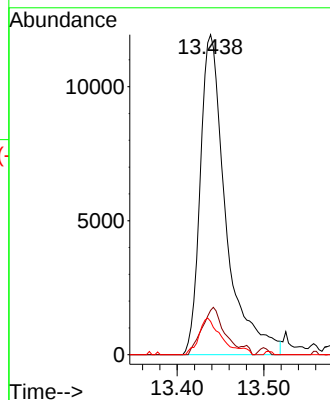
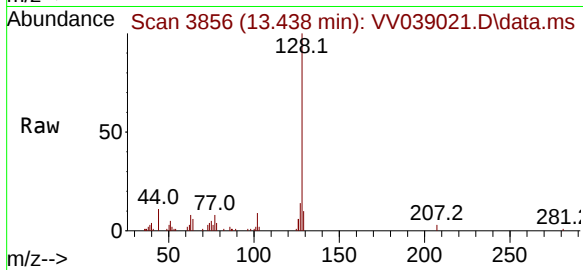
Tgt Ion:128 Resp: 24473

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.3 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 0.927 ug/l

RT: 13.673 min Scan# 3929

Delta R.T. 0.006 min

Lab File: VV039021.D

Acq: 25 Aug 2025 09:29

Tgt Ion:180 Resp: 6773

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.0

145 29.9 17.0 51.0

