

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
 Data File : VV039142.D
 Acq On : 22 Sep 2025 15:37
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 24 07:25:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 07:14:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	492799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	835334	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	807740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	425480	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.947	65	45267	6.347	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	12.700%#
35) Dibromofluoromethane	4.503	113	37959	5.653	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	11.300%#
50) Toluene-d8	7.239	98	117860	5.976	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	11.960%#
62) 4-Bromofluorobenzene	10.008	95	39819	4.904	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	9.800%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	38031	4.875	ug/l	93
3) Chloromethane	1.230	50	43830	5.234	ug/l	97
4) Vinyl Chloride	1.298	62	45941	5.124	ug/l	99
5) Bromomethane	1.494	94	32301	5.715	ug/l	100
6) Chloroethane	1.558	64	29857	4.506	ug/l	93
7) Trichlorofluoromethane	1.725	101	67248	5.181	ug/l	100
8) Diethyl Ether	1.918	74	25304	5.251	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.082	101	39608	5.128	ug/l	99
10) Methyl Iodide	2.195	142	31463	4.278	ug/l	95
11) Tert butyl alcohol	2.571	59	40994	27.195	ug/l	97
12) 1,1-Dichloroethene	2.082	96	38859	5.230	ug/l	96
13) Acrolein	2.015	56	6095	23.302	ug/l	98
14) Allyl chloride	2.355	41	70683	5.326	ug/l	96
15) Acrylonitrile	2.677	53	128729	26.639	ug/l	99
16) Acetone	2.121	43	140190	26.199	ug/l	98
17) Carbon Disulfide	2.253	76	121350	5.340	ug/l	99
18) Methyl Acetate	2.381	43	54053	5.115	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	125944	5.319	ug/l	96
20) Methylene Chloride	2.455	84	54859	5.252	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	41151	5.202	ug/l	98
22) Diisopropyl ether	3.217	45	126181	4.969	ug/l #	64
23) Vinyl Acetate	3.191	43	570043	25.661	ug/l	99
24) 1,1-Dichloroethane	3.117	63	81764	5.265	ug/l	96
25) 2-Butanone	3.879	43	140360	25.002	ug/l	99
26) 2,2-Dichloropropane	3.812	77	68656	5.006	ug/l	99
27) cis-1,2-Dichloroethene	3.825	96	40984	4.698	ug/l	88
28) Bromochloromethane	4.153	49	25874	3.774	ug/l	97
29) Tetrahydrofuran	4.243	42	86190	24.110	ug/l	94
30) Chloroform	4.281	83	86066	5.308	ug/l	99
31) Cyclohexane	4.580	56	69326	5.450	ug/l #	94
32) 1,1,1-Trichloroethane	4.513	97	74539	5.310	ug/l	95
36) 1,1-Dichloropropene	4.744	75	44786	4.379	ug/l	99
37) Ethyl Acetate	3.995	43	60285	4.805	ug/l #	73
38) Carbon Tetrachloride	4.732	117	61498	4.992	ug/l	96
39) Methylcyclohexane	6.047	83	56805	4.633	ug/l	92
40) Benzene	5.014	78	163948	4.959	ug/l	100

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Quant Time: Sep 24 07:25:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 07:14:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.188	41	17959	4.995	ug/l #	86
42) 1,2-Dichloroethane	5.047	62	57857	4.994	ug/l	96
43) Isopropyl Acetate	5.204	43	77935	4.509	ug/l #	93
44) Trichloroethene	5.838	130	38395	5.033	ug/l	89
45) 1,2-Dichloropropane	6.098	63	39327	4.786	ug/l	100
46) Dibromomethane	6.233	93	31863	5.066	ug/l	98
47) Bromodichloromethane	6.429	83	64039	4.925	ug/l	95
48) Methyl methacrylate	6.313	41	29705	3.757	ug/l	93
49) 1,4-Dioxane	6.307	88	8999	72.413	ug/l #	79
51) 4-Methyl-2-Pentanone	7.153	43	255889	23.155	ug/l	99
52) Toluene	7.313	92	94414	4.925	ug/l	99
53) t-1,3-Dichloropropene	7.583	75	53878	4.755	ug/l	94
54) cis-1,3-Dichloropropene	6.957	75	58800	4.700	ug/l	98
55) 1,1,2-Trichloroethane	7.764	97	43788	5.094	ug/l	99
56) Ethyl methacrylate	7.722	69	42598	4.173	ug/l	97
57) 1,3-Dichloropropane	7.937	76	63818	4.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.818	63	81984	23.077	ug/l	100
59) 2-Hexanone	8.069	43	179185	22.071	ug/l	88
60) Dibromochloromethane	8.169	129	49953	5.100	ug/l	96
61) 1,2-Dibromoethane	8.278	107	44729	5.088	ug/l	98
64) Tetrachloroethene	7.899	164	34795	5.143	ug/l	98
65) Chlorobenzene	8.805	112	114424	5.086	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	40690	5.005	ug/l	95
67) Ethyl Benzene	8.940	91	157790	4.633	ug/l	97
68) m/p-Xylenes	9.066	106	115177	8.762	ug/l	98
69) o-Xylene	9.471	106	51281	4.406	ug/l	100
70) Styrene	9.490	104	83873	4.836	ug/l	96
71) Bromoform	9.657	173	31133	4.903	ug/l #	97
73) Isopropylbenzene	9.857	105	140251	4.545	ug/l	99
74) N-amyl acetate	9.731	43	54436	4.422	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	71656	5.299	ug/l	99
76) 1,2,3-Trichloropropane	9.934	75	18154	1.874	ug/l	84
77) Bromobenzene	10.146	156	39428	4.924	ug/l	95
78) n-propylbenzene	10.281	91	168794	4.492	ug/l	99
79) 2-Chlorotoluene	10.349	91	110002	4.892	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	114749	4.474	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.934	75	18154	4.499	ug/l	90
82) 4-Chlorotoluene	10.468	91	122429	4.695	ug/l	99
83) tert-Butylbenzene	10.789	119	117310	4.586	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	108157	4.343	ug/l	96
85) sec-Butylbenzene	11.014	105	153526	4.525	ug/l	99
86) p-Isopropyltoluene	11.169	119	127377	4.511	ug/l	98
87) 1,3-Dichlorobenzene	11.111	146	82673	5.102	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	91001	5.082	ug/l	94
89) n-Butylbenzene	11.583	91	119822	4.443	ug/l	96
90) Hexachloroethane	11.818	117	35762	5.143	ug/l	95
91) 1,2-Dichlorobenzene	11.570	146	76477	5.052	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.358	75	14163	5.211	ug/l	92
93) 1,2,4-Trichlorobenzene	13.191	180	39775	4.583	ug/l	100
94) Hexachlorobutadiene	13.368	225	22549	5.001	ug/l	98
95) Naphthalene	13.429	128	113395	4.062	ug/l	99
96) 1,2,3-Trichlorobenzene	13.670	180	38315	4.317	ug/l	96

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ALS Vial : 10 Sample Multiplier: 1

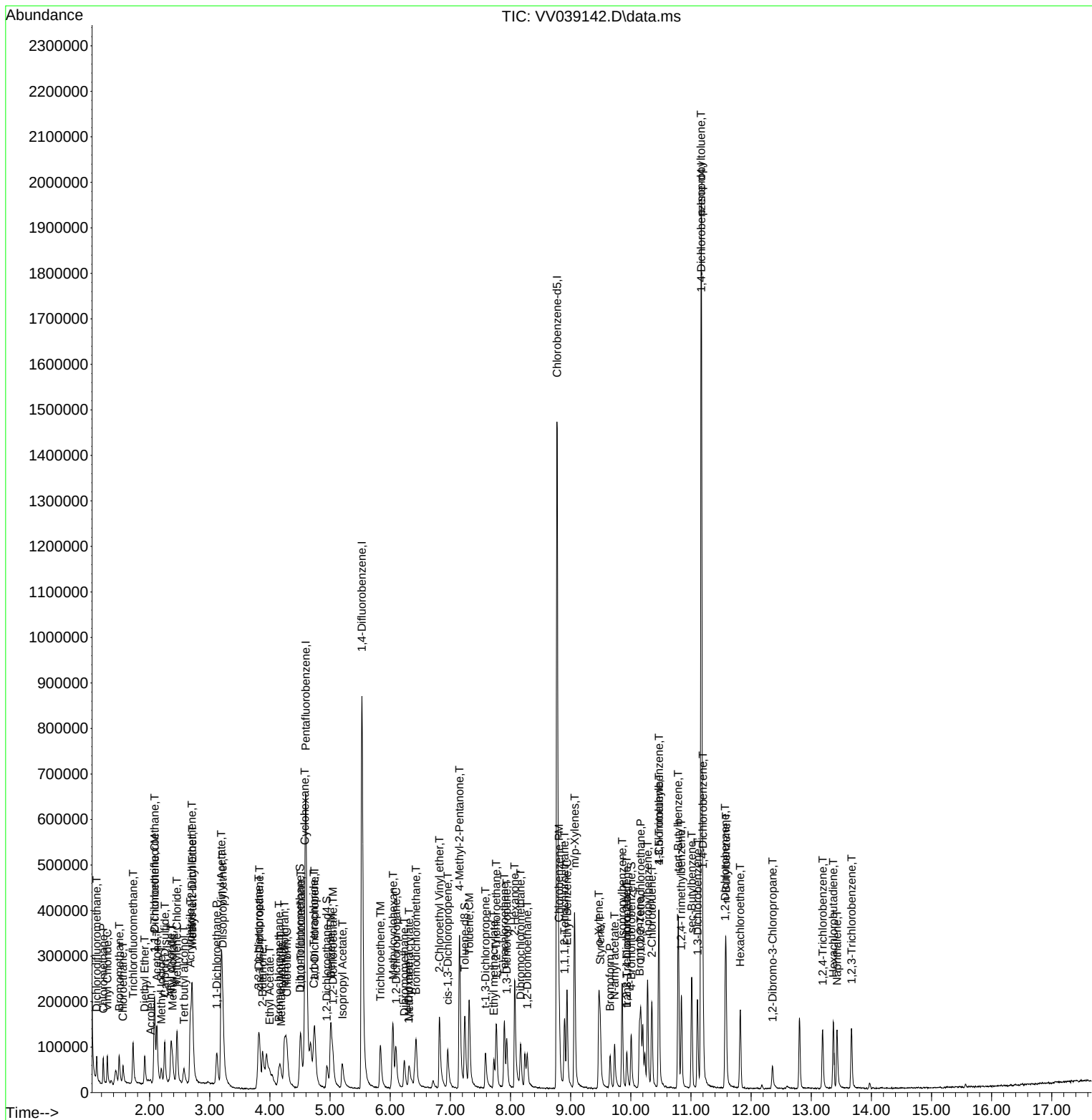
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

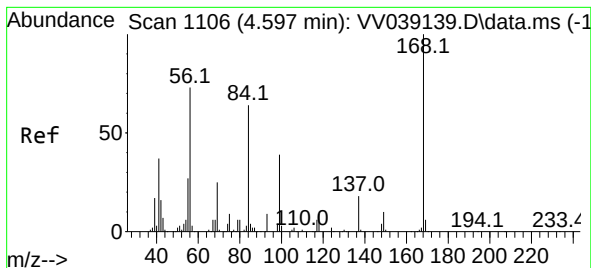
Quant Time: Sep 24 07:25:48 2025
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Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

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

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Quant Title : SW846 8260
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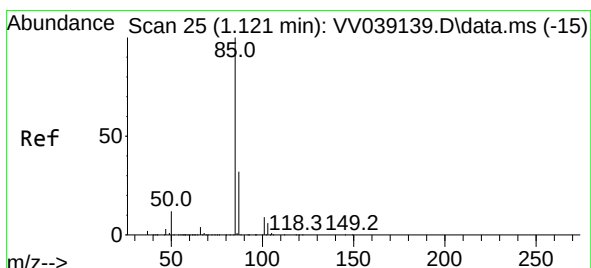
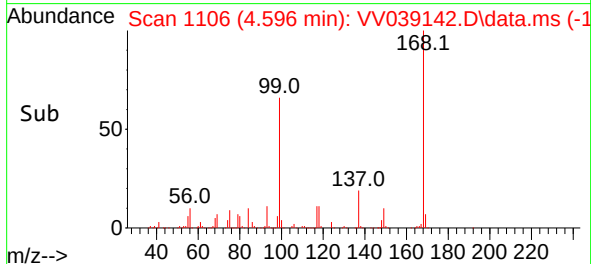
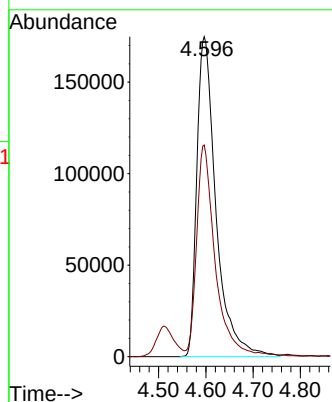
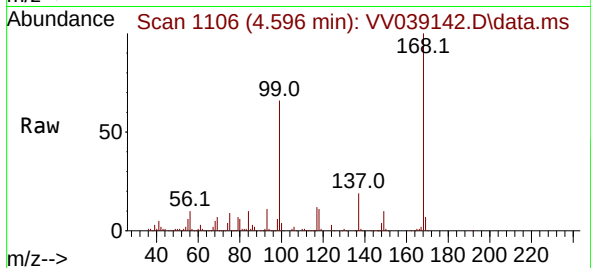




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.001 min
Lab File: VV039142.D
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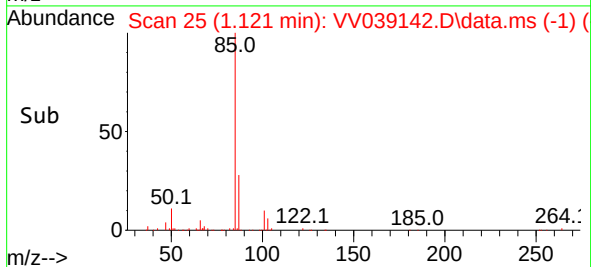
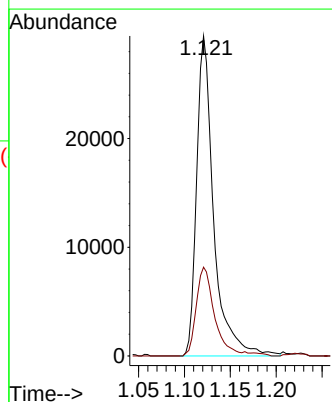
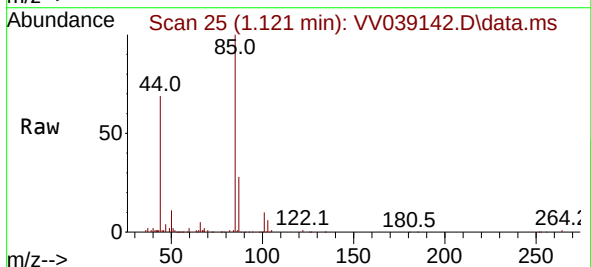
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

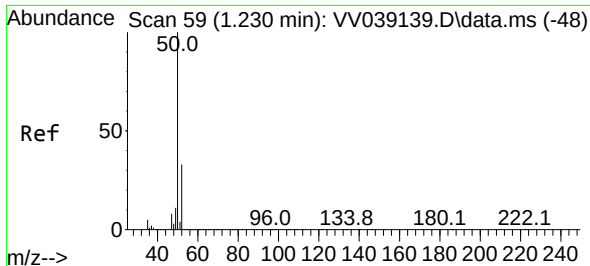
Tgt Ion:168 Resp: 492799
Ion Ratio Lower Upper
168 100
99 65.6 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 4.875 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 85 Resp: 38031
Ion Ratio Lower Upper
85 100
87 27.7 16.0 47.9

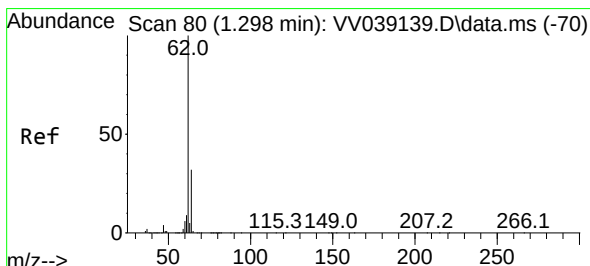
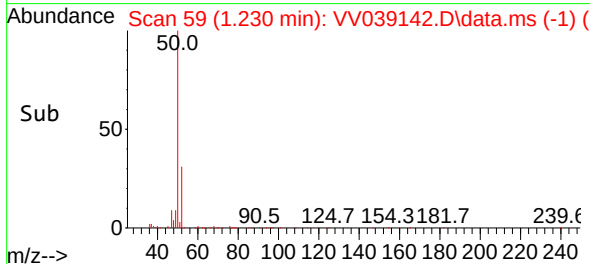
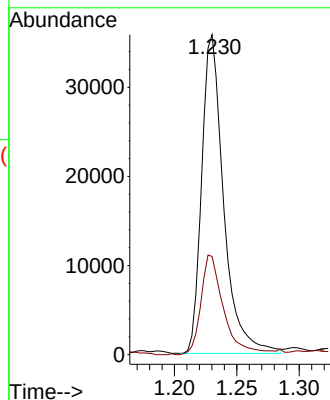
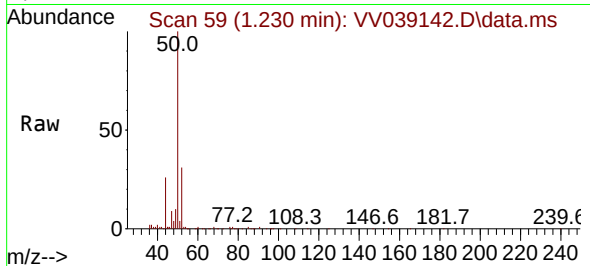




#3
Chloromethane
Concen: 5.234 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

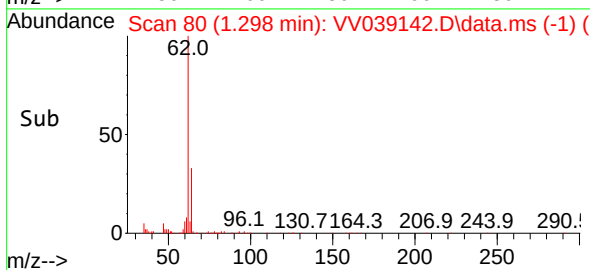
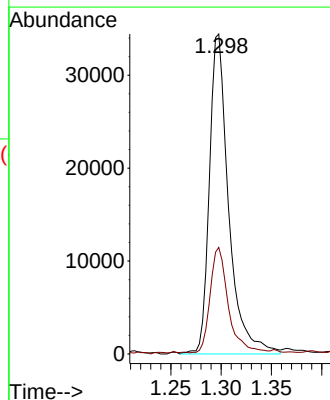
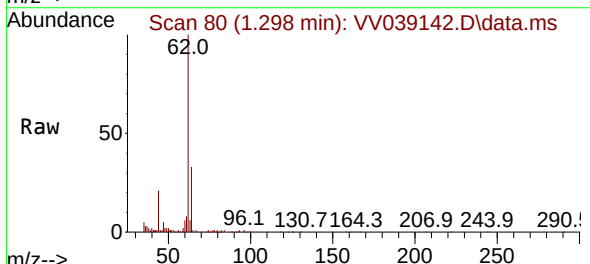
Instrument :
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ClientSampleId :
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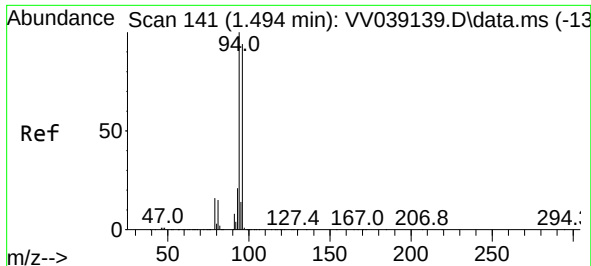
Tgt Ion: 50 Resp: 43830
Ion Ratio Lower Upper
50 100
52 30.8 26.0 39.0



#4
Vinyl Chloride
Concen: 5.124 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 62 Resp: 45941
Ion Ratio Lower Upper
62 100
64 32.8 25.6 38.4

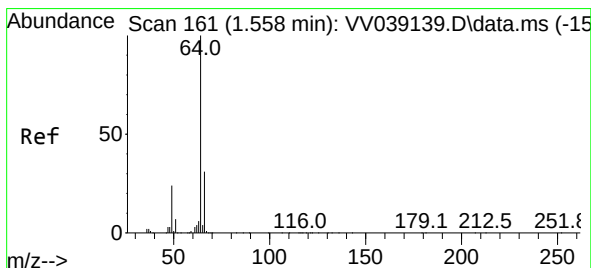
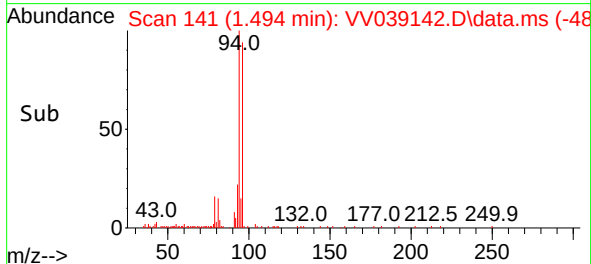
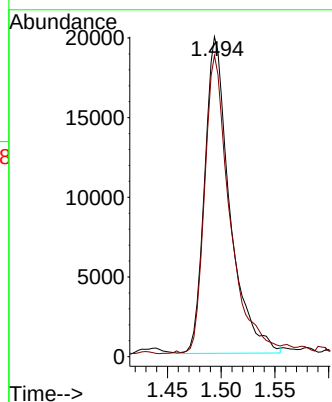
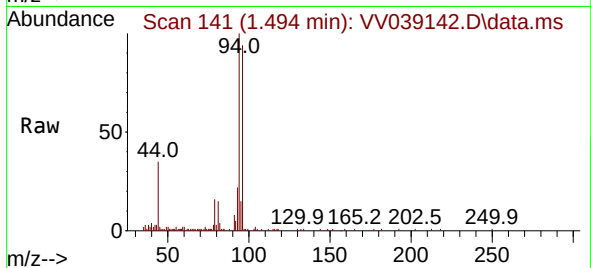




#5
Bromomethane
Concen: 5.715 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

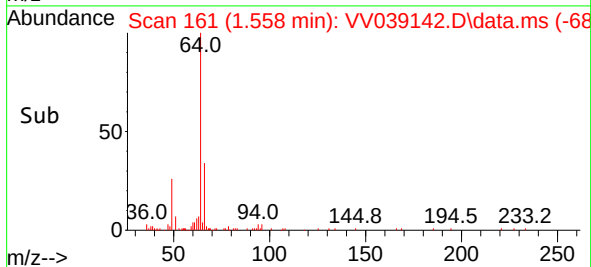
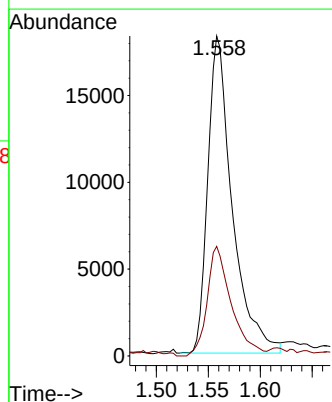
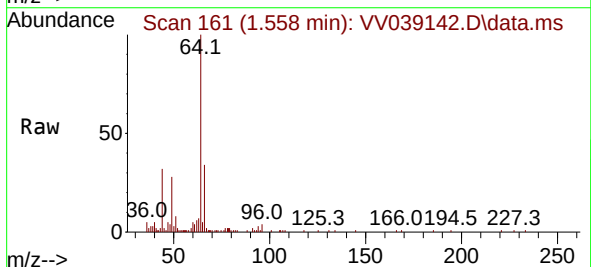
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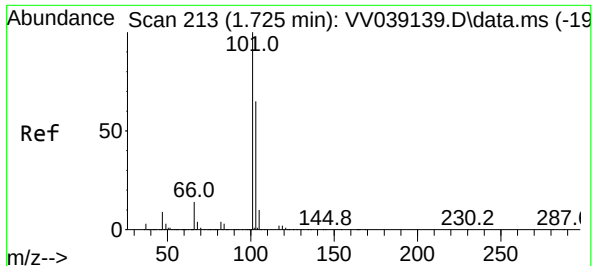
Tgt Ion: 94 Resp: 32301
Ion Ratio Lower Upper
94 100
96 93.8 74.9 112.3



#6
Chloroethane
Concen: 4.506 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 64 Resp: 29857
Ion Ratio Lower Upper
64 100
66 34.6 24.6 36.8

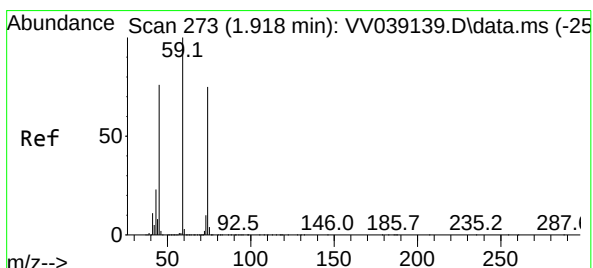
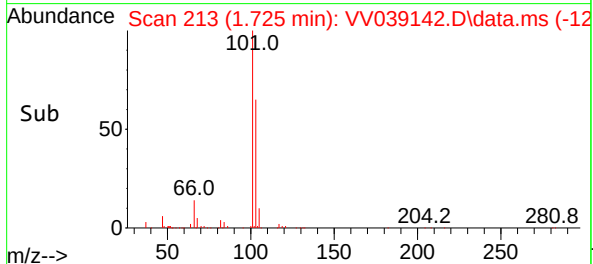
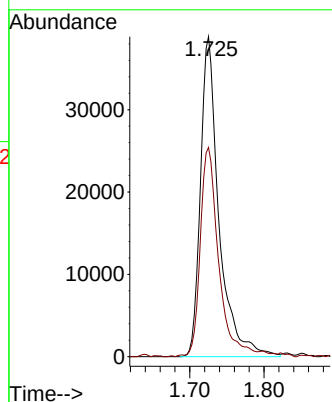
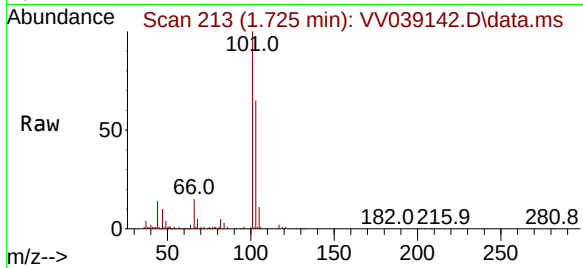




#7
Trichlorofluoromethane
Concen: 5.181 ug/l
RT: 1.725 min Scan# 213
Delta R.T. -0.000 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

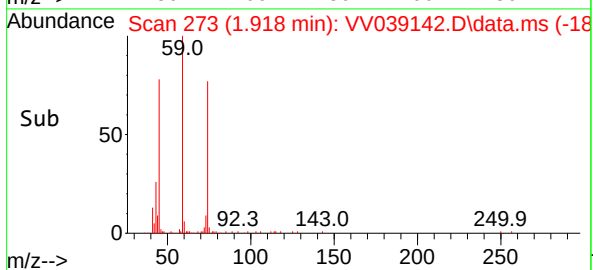
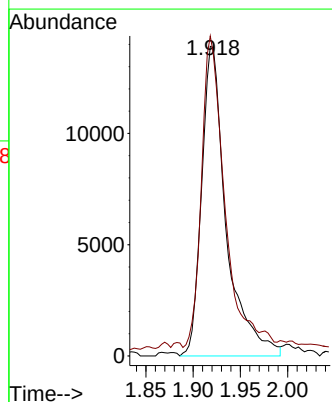
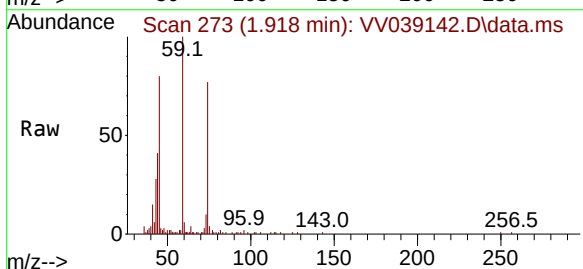
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

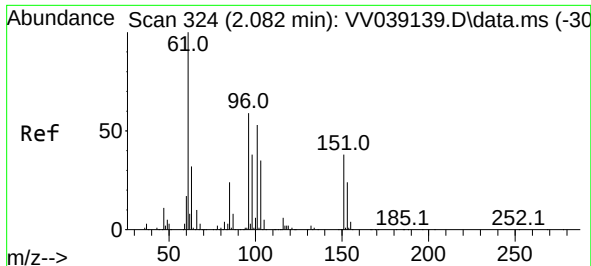
Tgt Ion:101 Resp: 67248
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0



#8
Diethyl Ether
Concen: 5.251 ug/l
RT: 1.918 min Scan# 273
Delta R.T. -0.000 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 74 Resp: 25304
Ion Ratio Lower Upper
74 100
45 94.7 49.6 148.8

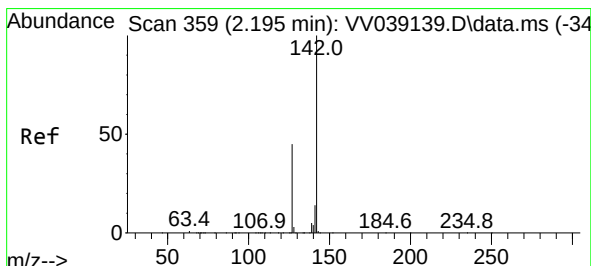
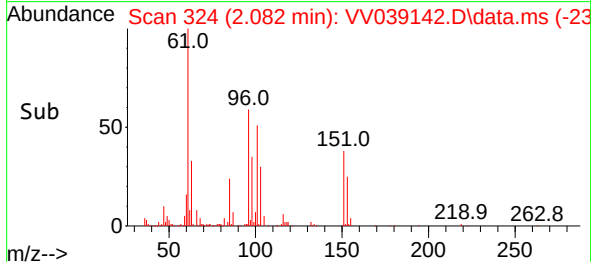
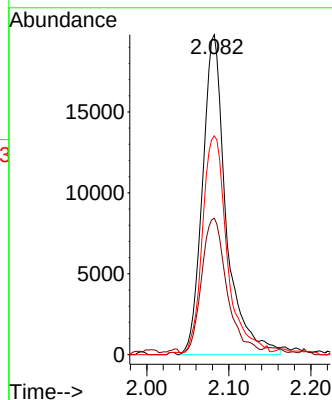
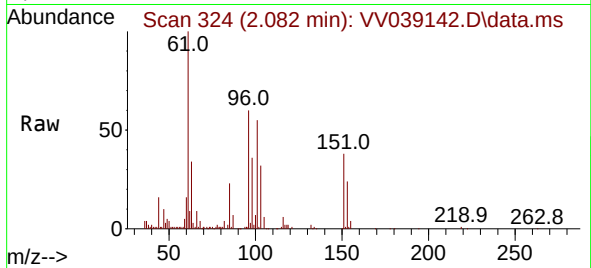




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.128 ug/l
RT: 2.082 min Scan# 31
Delta R.T. -0.000 min
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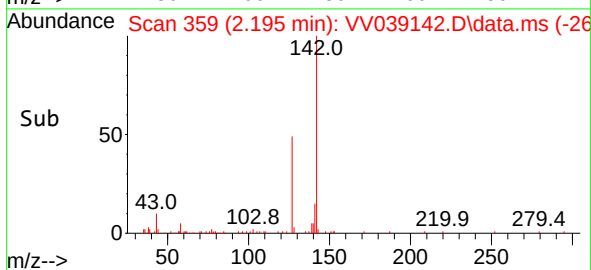
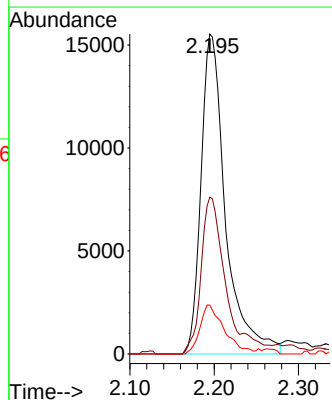
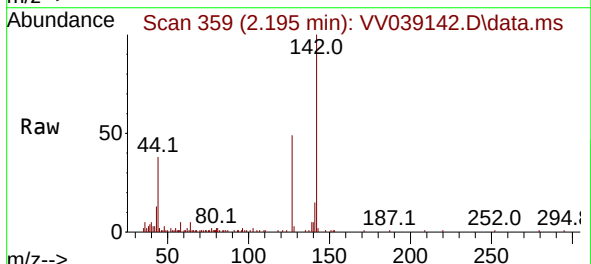
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

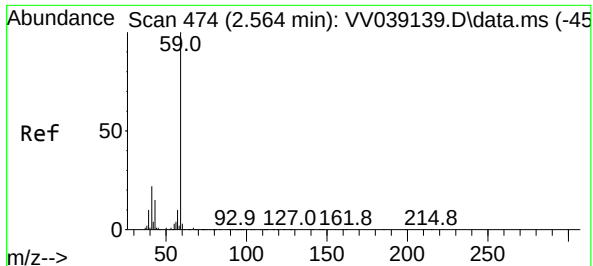
Tgt Ion:101 Resp: 39608
Ion Ratio Lower Upper
101 100
85 44.6 36.2 54.2
151 69.9 56.3 84.5



#10
Methyl Iodide
Concen: 4.278 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion:142 Resp: 31463
Ion Ratio Lower Upper
142 100
127 49.4 36.3 54.5
141 15.2 11.2 16.8

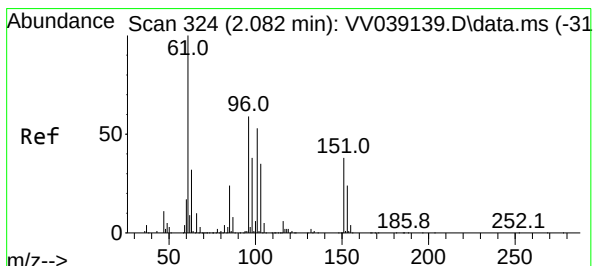
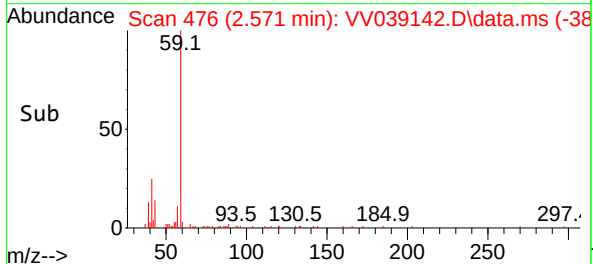
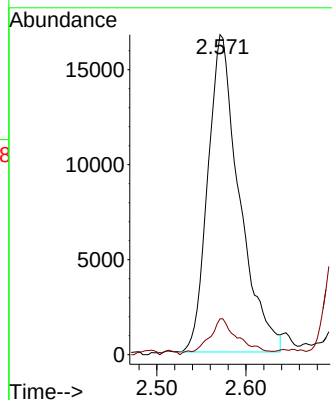
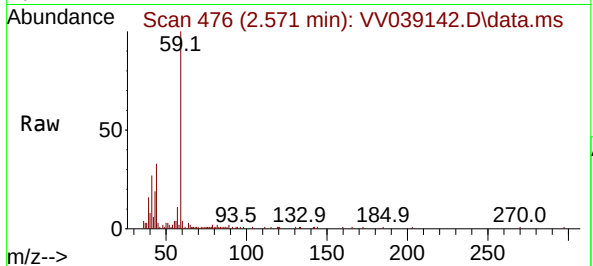




#11
Tert butyl alcohol
Concen: 27.195 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.006 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

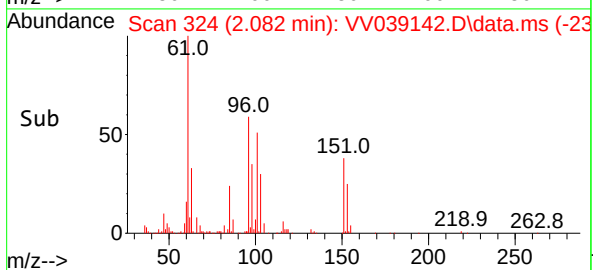
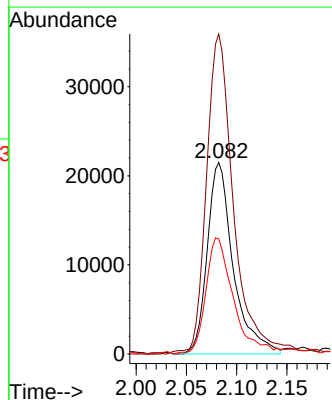
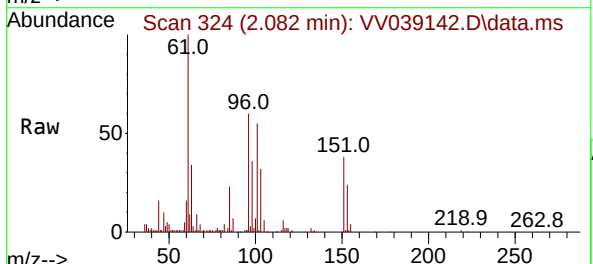
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

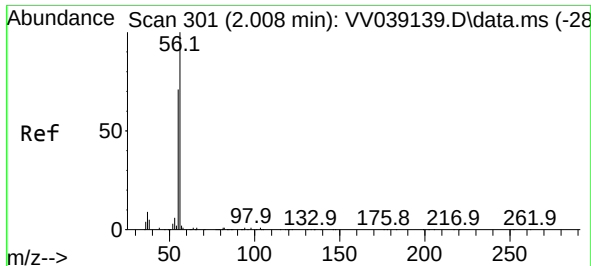
Tgt Ion: 59 Resp: 40994
Ion Ratio Lower Upper
59 100
57 10.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 5.230 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 96 Resp: 38859
Ion Ratio Lower Upper
96 100
61 165.4 136.0 204.0
98 59.2 51.0 76.6





#13

Acrolein

Concen: 23.302 ug/l

RT: 2.015 min Scan# 301

Delta R.T. 0.006 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

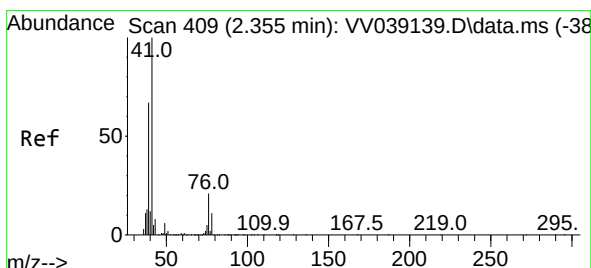
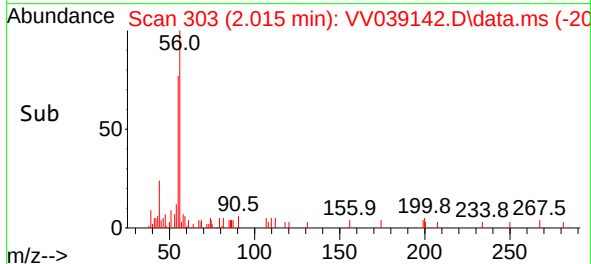
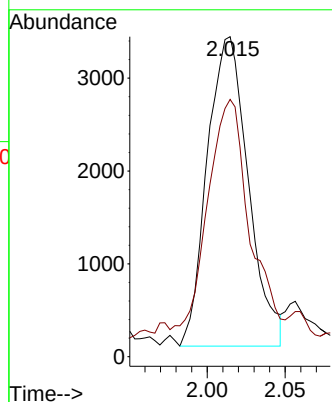
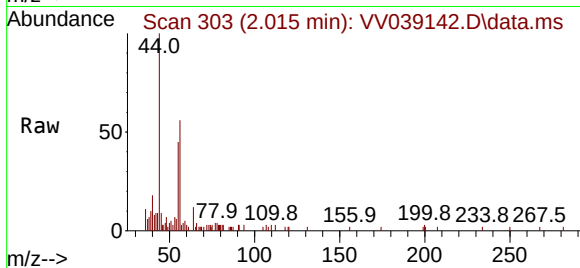
VSTDICC005

Tgt Ion: 56 Resp: 6095

Ion Ratio Lower Upper

56 100

55 72.3 56.2 84.4



#14

Allyl chloride

Concen: 5.326 ug/l

RT: 2.355 min Scan# 409

Delta R.T. -0.000 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

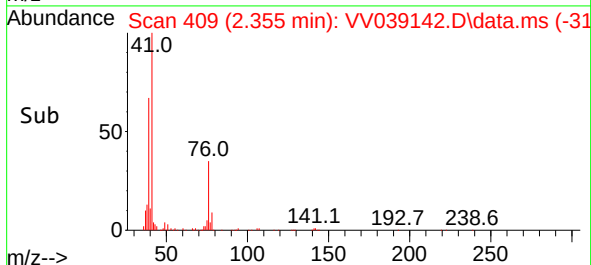
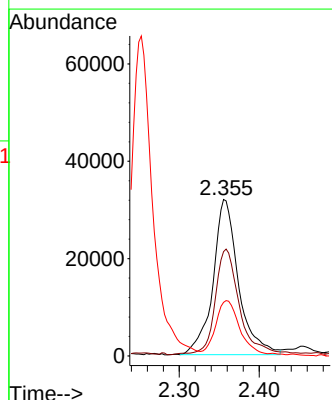
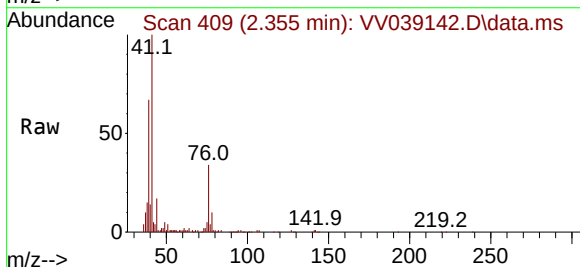
Tgt Ion: 41 Resp: 70683

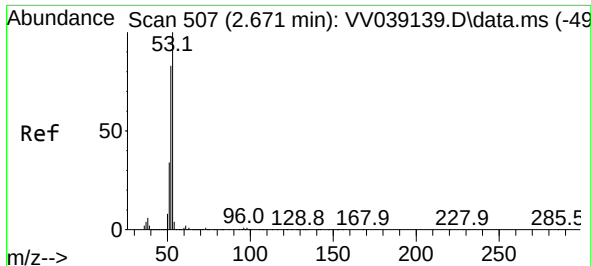
Ion Ratio Lower Upper

41 100

39 65.2 51.0 76.6

76 31.4 28.2 42.4

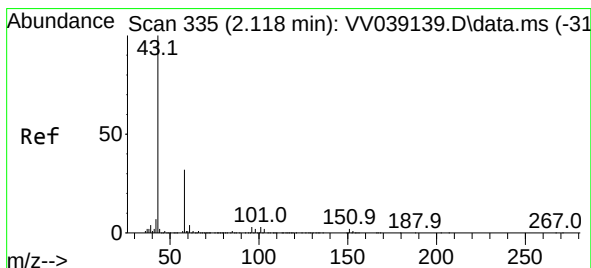
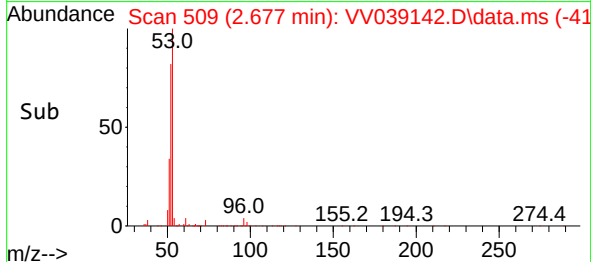
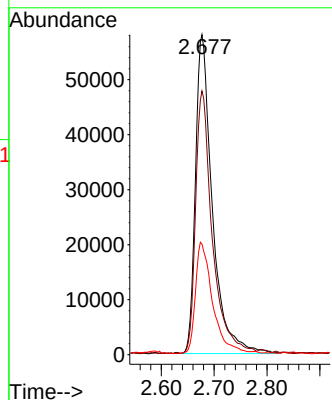
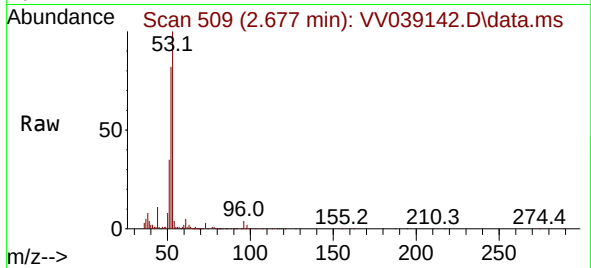




#15
Acrylonitrile
Concen: 26.639 ug/l
RT: 2.677 min Scan# 509
Delta R.T. 0.006 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

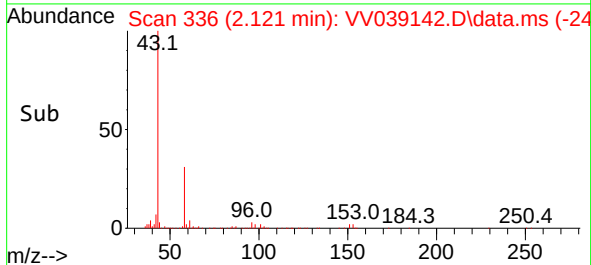
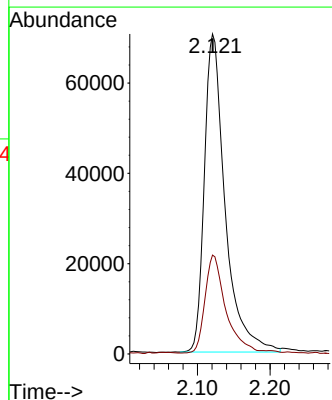
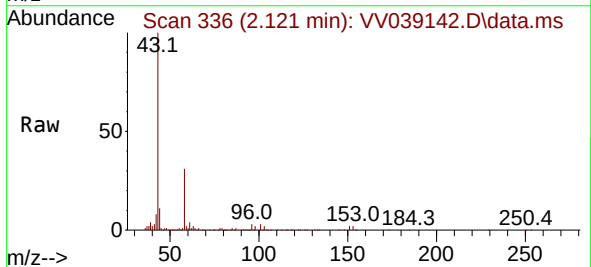
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

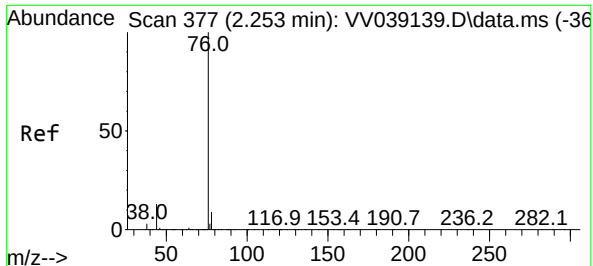
Tgt Ion: 53 Resp: 128729
Ion Ratio Lower Upper
53 100
52 81.4 66.1 99.1
51 35.5 28.5 42.7



#16
Acetone
Concen: 26.199 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 43 Resp: 140190
Ion Ratio Lower Upper
43 100
58 30.8 25.8 38.6

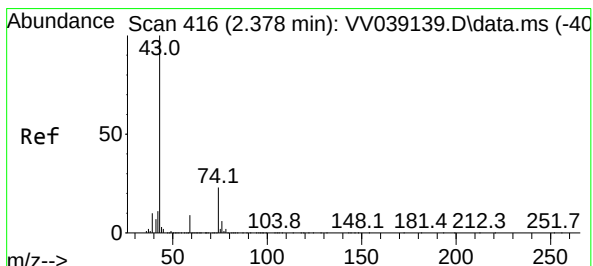
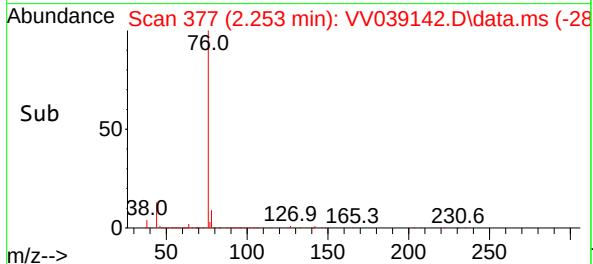
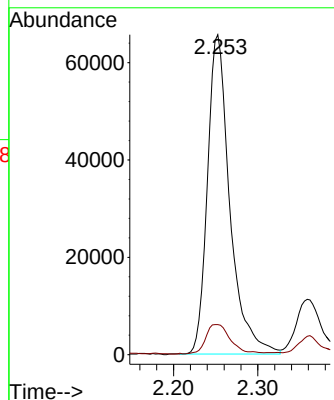
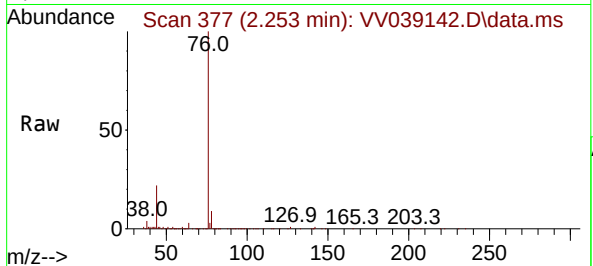




#17
Carbon Disulfide
Concen: 5.340 ug/l
RT: 2.253 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

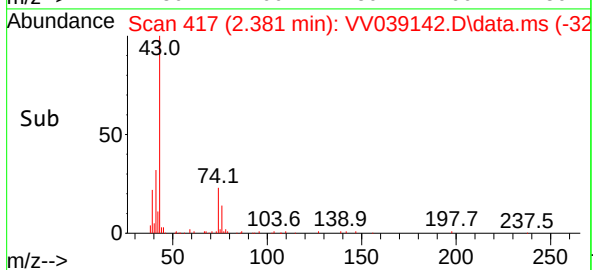
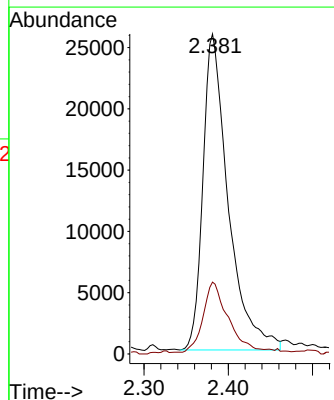
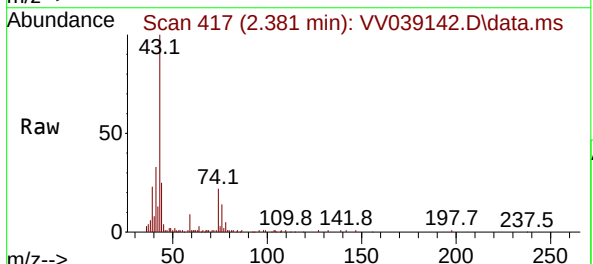
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

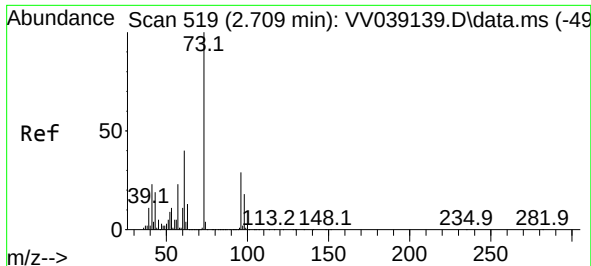
Tgt Ion: 76 Resp: 121350
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 5.115 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 43 Resp: 54053
Ion Ratio Lower Upper
43 100
74 21.7 18.6 27.8

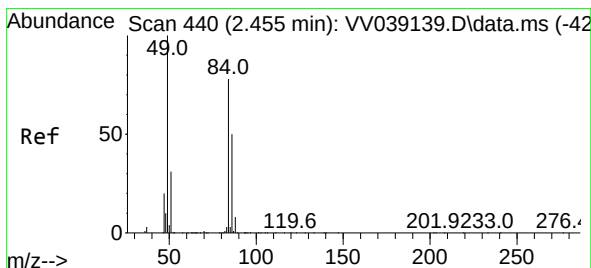
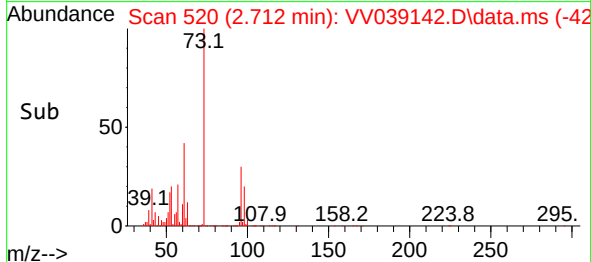
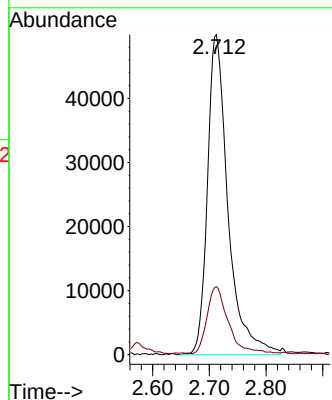
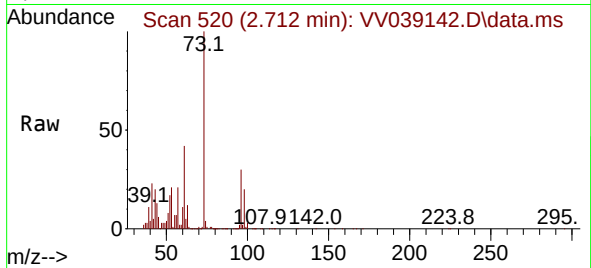




#19
Methyl tert-butyl Ether
Concen: 5.319 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

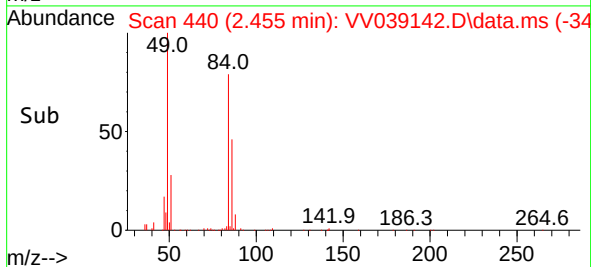
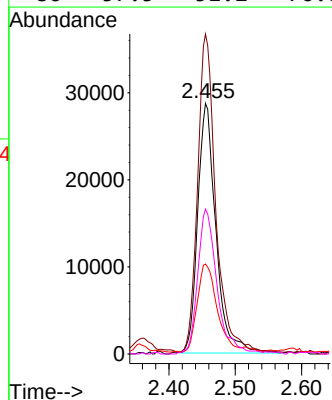
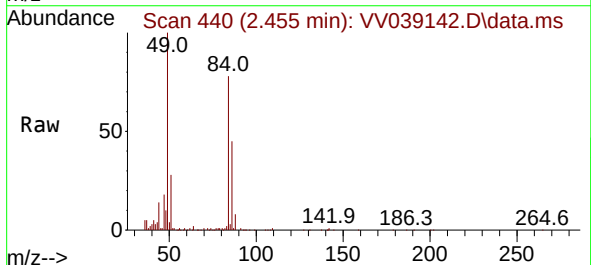
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

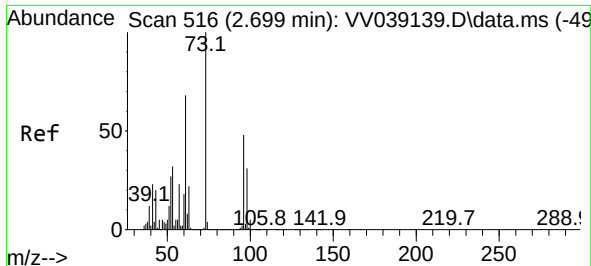
Tgt Ion: 73 Resp: 125944
Ion Ratio Lower Upper
73 100
57 20.8 18.2 27.4



#20
Methylene Chloride
Concen: 5.252 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 84 Resp: 54859
Ion Ratio Lower Upper
84 100
49 127.4 102.8 154.2
51 35.2 31.9 47.9
86 57.5 51.2 76.8

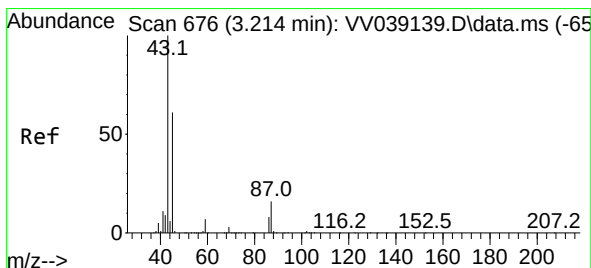
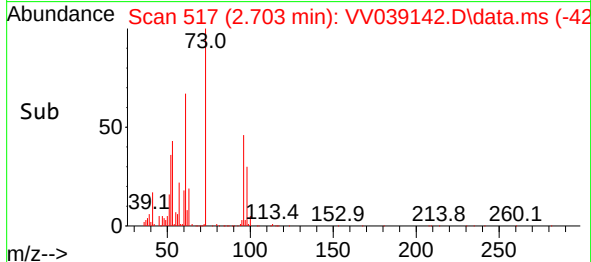
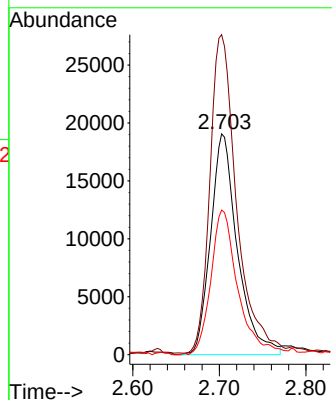
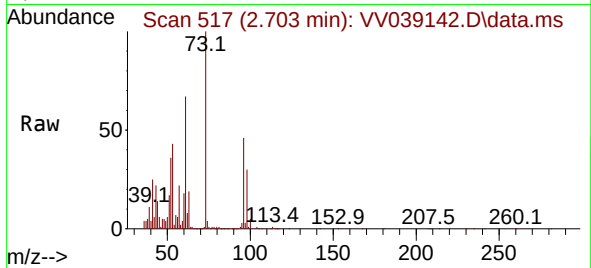




#21
trans-1,2-Dichloroethene
Concen: 5.202 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

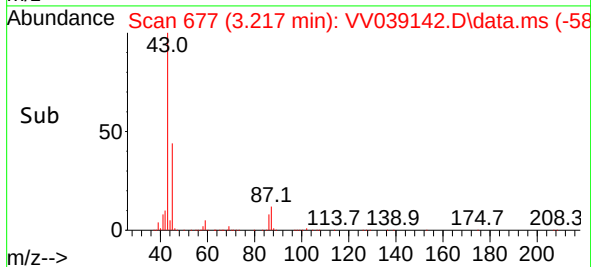
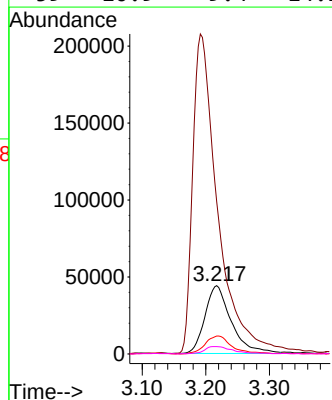
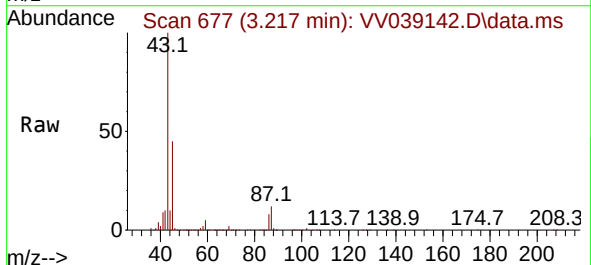
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

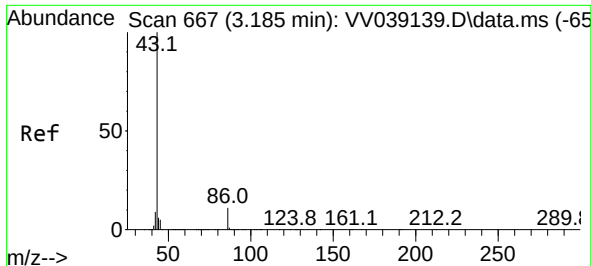
Tgt Ion: 96 Resp: 41151
Ion Ratio Lower Upper
96 100
61 144.1 112.8 169.2
98 65.5 51.1 76.7



#22
Diisopropyl ether
Concen: 4.969 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 45 Resp: 126181
Ion Ratio Lower Upper
45 100
43 223.1 130.9 196.3#
87 26.4 21.1 31.7
59 10.9 9.4 14.2

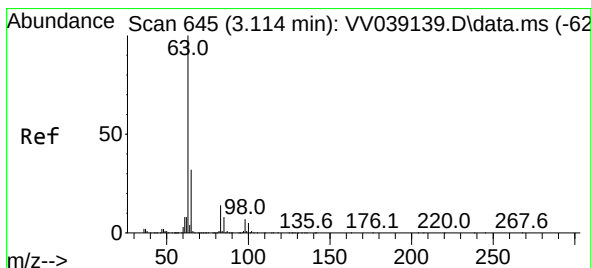
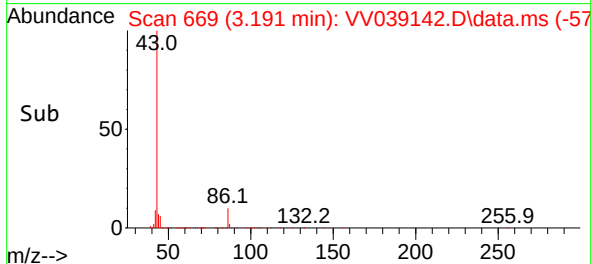
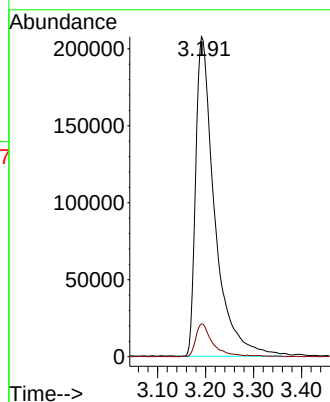
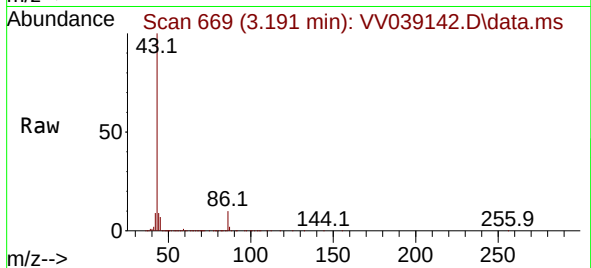




#23
 Vinyl Acetate
 Concen: 25.661 ug/l
 RT: 3.191 min Scan# 609
 Delta R.T. 0.006 min
 Lab File: VV039142.D
 Acq: 22 Sep 2025 15:37

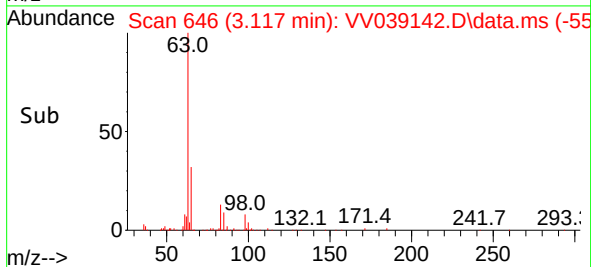
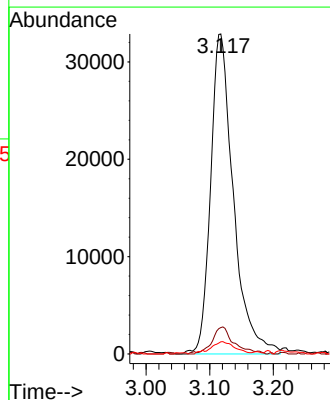
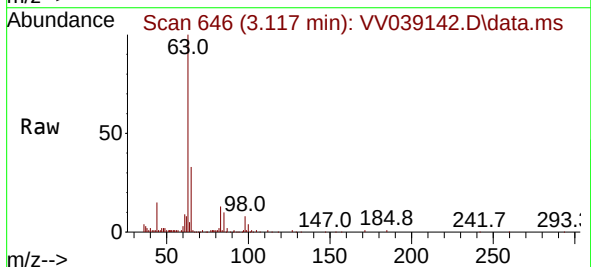
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

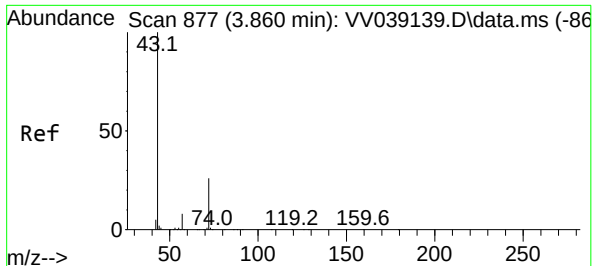
Tgt Ion: 43 Resp: 570043
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 5.265 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039142.D
 Acq: 22 Sep 2025 15:37

Tgt Ion: 63 Resp: 81764
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.4 10.2
 100 3.5 2.2 6.6

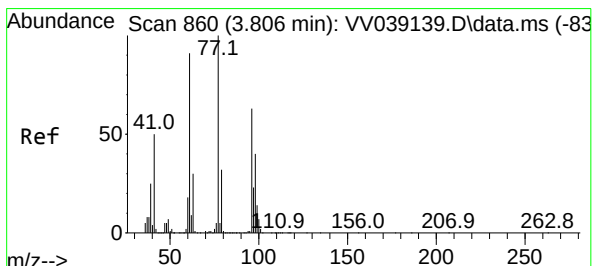
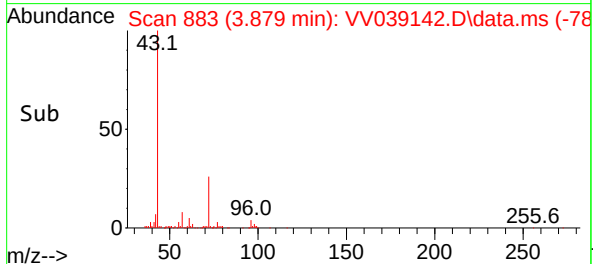
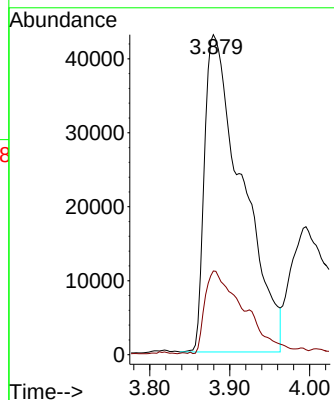
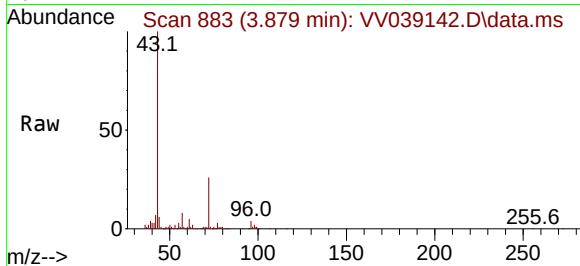




#25
2-Butanone
Concen: 25.002 ug/l
RT: 3.879 min Scan# 81
Delta R.T. 0.019 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

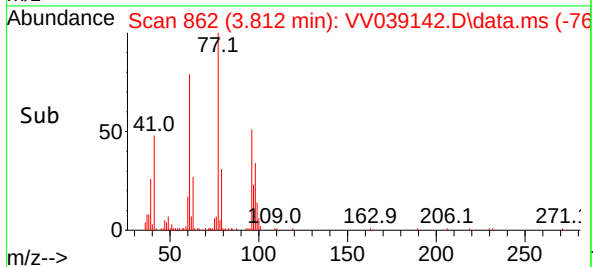
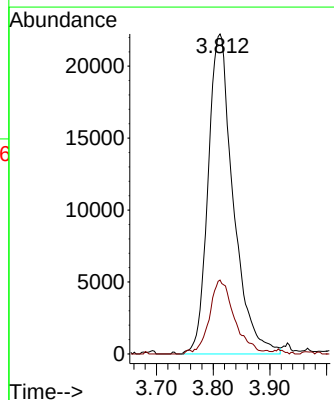
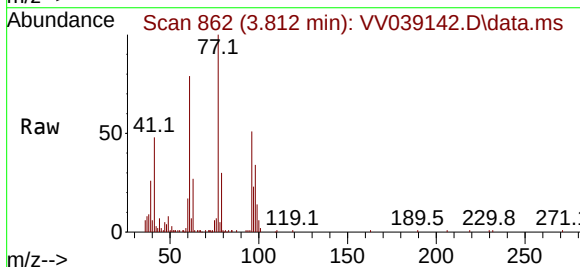
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

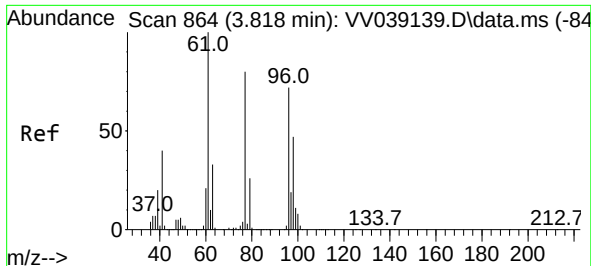
Tgt Ion: 43 Resp: 140360
Ion Ratio Lower Upper
43 100
72 25.9 21.0 31.6



#26
2,2-Dichloropropane
Concen: 5.006 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 77 Resp: 68656
Ion Ratio Lower Upper
77 100
97 22.7 11.6 34.7

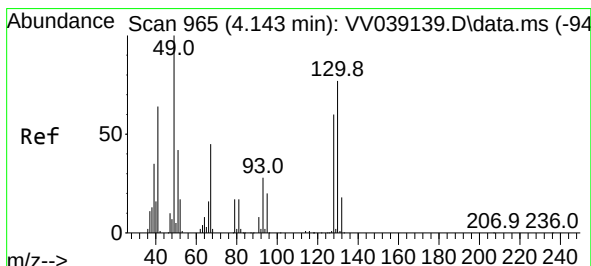
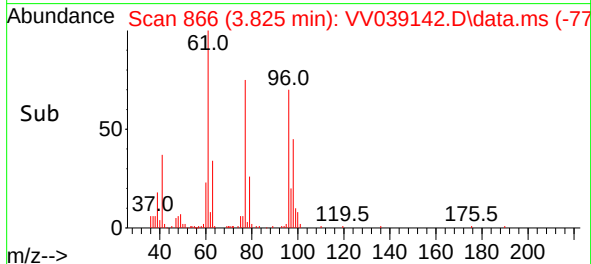
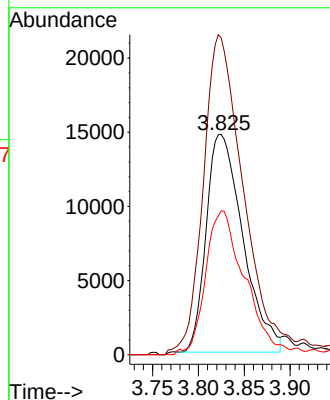
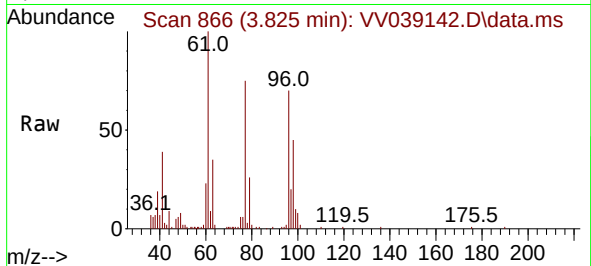




#27
 cis-1,2-Dichloroethene
 Concen: 4.698 ug/l
 RT: 3.825 min Scan# 866
 Delta R.T. 0.006 min
 Lab File: VV039142.D
 Acq: 22 Sep 2025 15:37

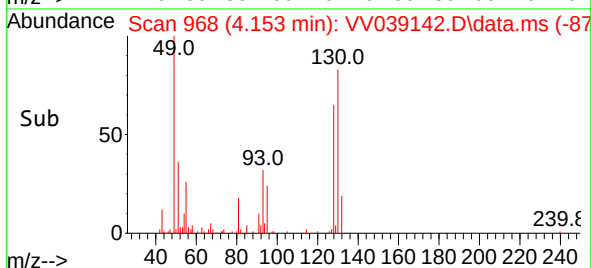
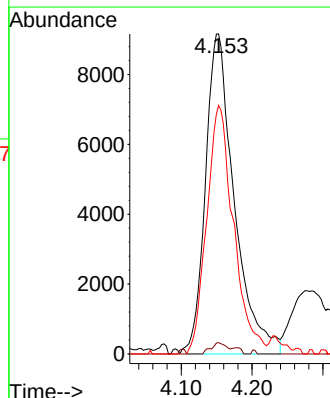
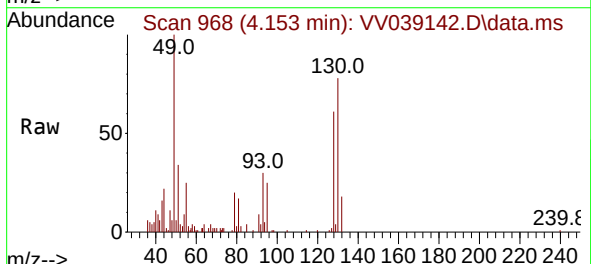
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

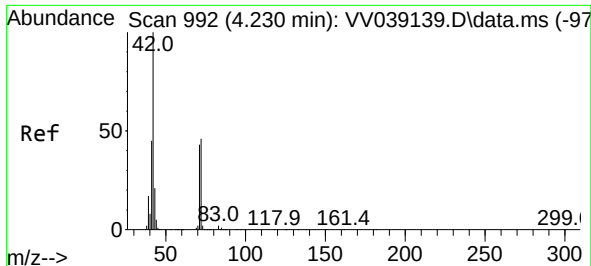
Tgt Ion: 96 Resp: 40984
 Ion Ratio Lower Upper
 96 100
 61 159.9 0.0 286.4
 98 70.2 0.0 126.6



#28
 Bromochloromethane
 Concen: 3.774 ug/l
 RT: 4.153 min Scan# 968
 Delta R.T. 0.010 min
 Lab File: VV039142.D
 Acq: 22 Sep 2025 15:37

Tgt Ion: 49 Resp: 25874
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 72.2 60.2 90.2





#29

Tetrahydrofuran

Concen: 24.110 ug/l

RT: 4.243 min Scan# 992

Delta R.T. 0.013 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

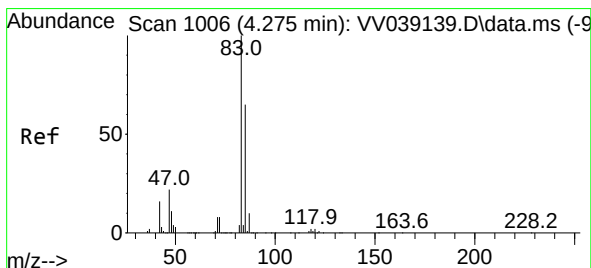
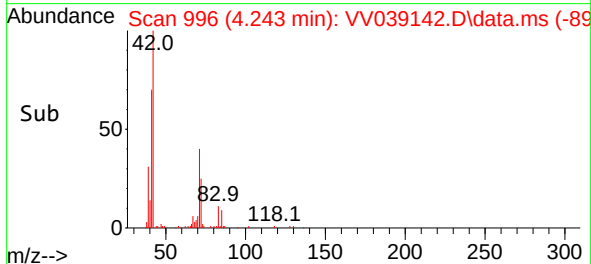
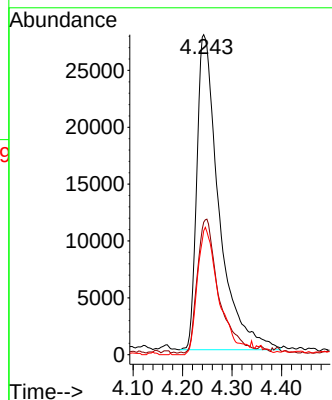
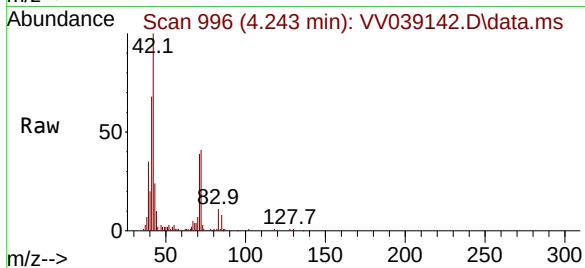
Tgt Ion: 42 Resp: 86190

Ion Ratio Lower Upper

42 100

72 41.3 36.3 54.5

71 39.2 34.3 51.5



#30

Chloroform

Concen: 5.308 ug/l

RT: 4.281 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VV039142.D

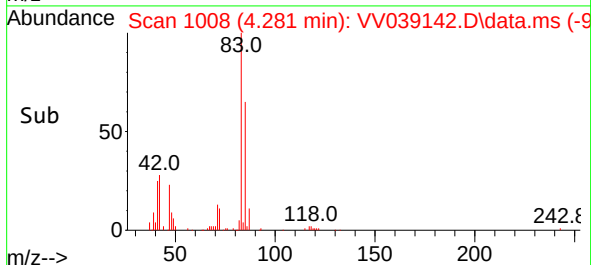
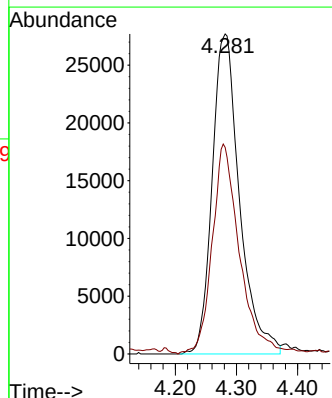
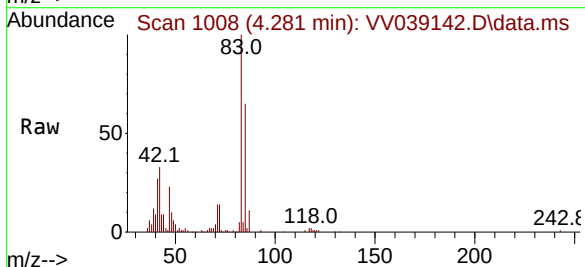
Acq: 22 Sep 2025 15:37

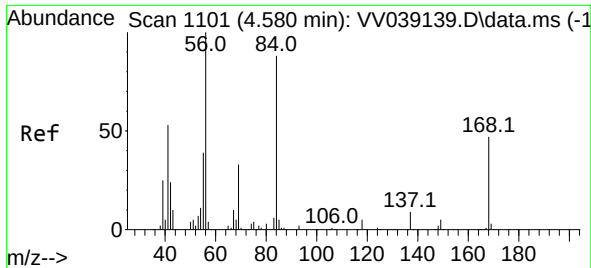
Tgt Ion: 83 Resp: 86066

Ion Ratio Lower Upper

83 100

85 64.1 52.1 78.1

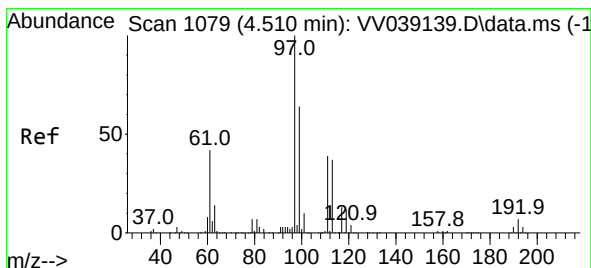
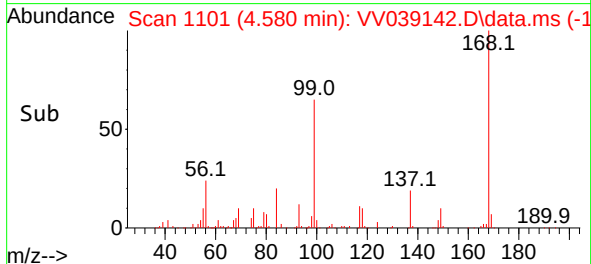
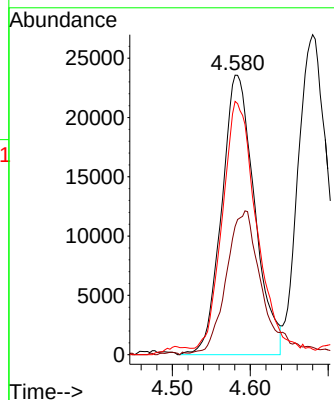
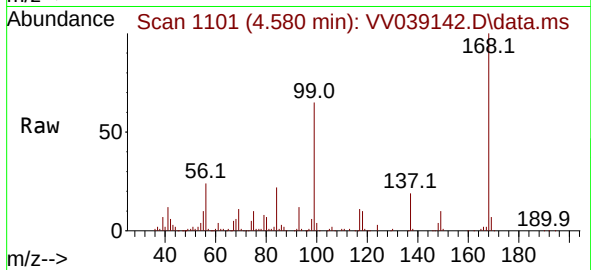




#31
Cyclohexane
Concen: 5.450 ug/l
RT: 4.580 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

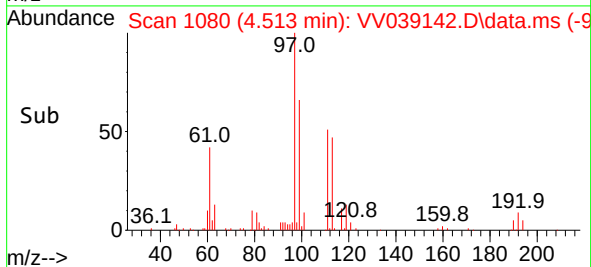
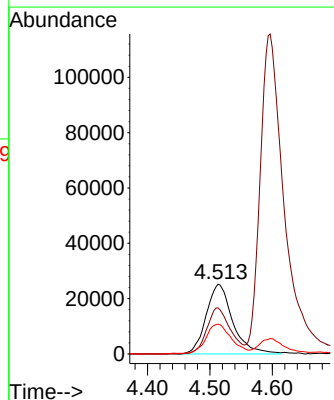
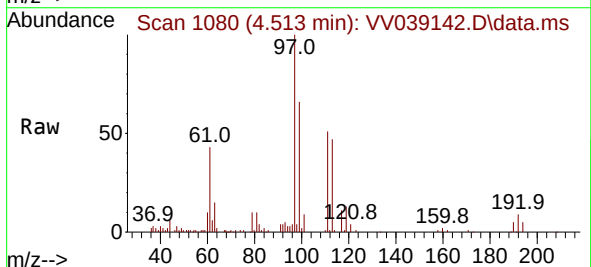
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

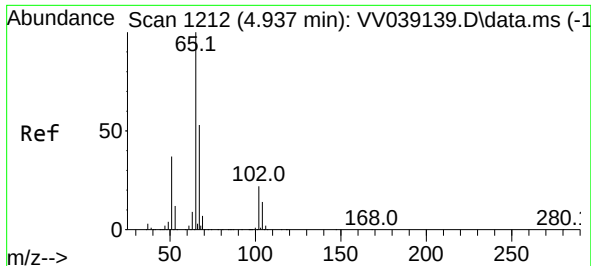
Tgt Ion: 56 Resp: 69326
Ion Ratio Lower Upper
56 100
69 45.8 26.2 39.2#
84 88.1 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 5.310 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 97 Resp: 74539
Ion Ratio Lower Upper
97 100
99 58.5 49.6 74.4
61 39.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 6.347 ug/l

RT: 4.947 min Scan# 1215

Delta R.T. 0.010 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

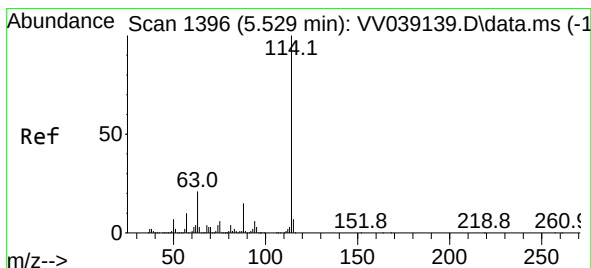
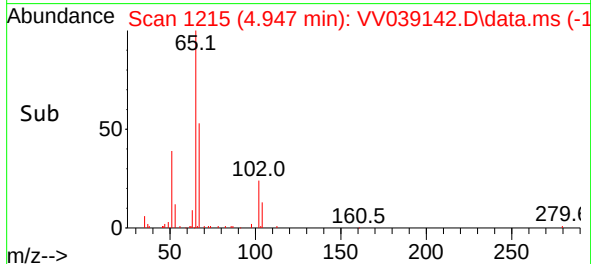
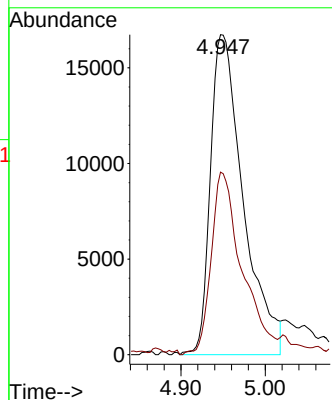
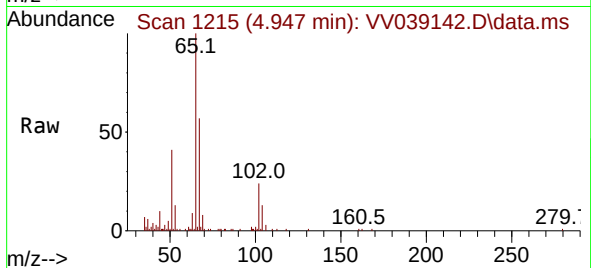
VSTDIC005

Tgt Ion: 65 Resp: 45267

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

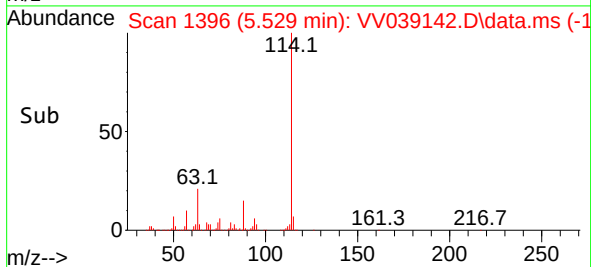
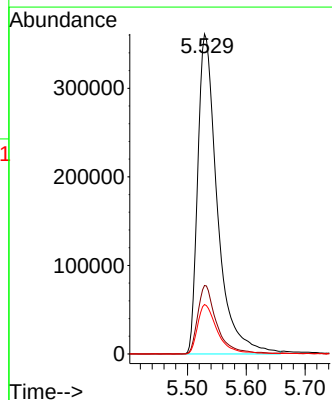
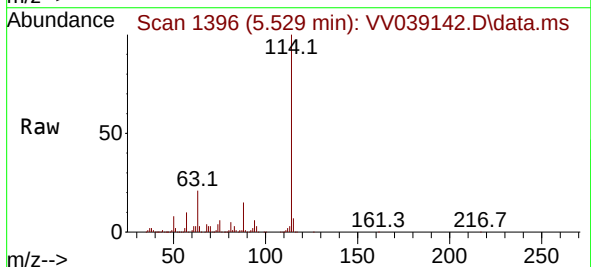
Tgt Ion: 114 Resp: 835334

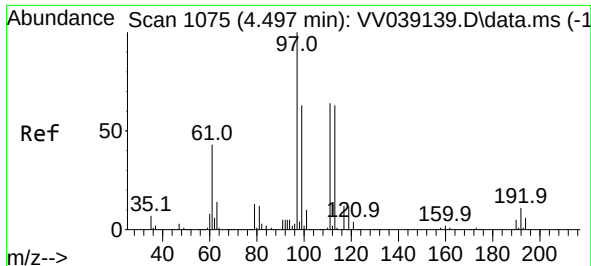
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 15.5 0.0 30.8

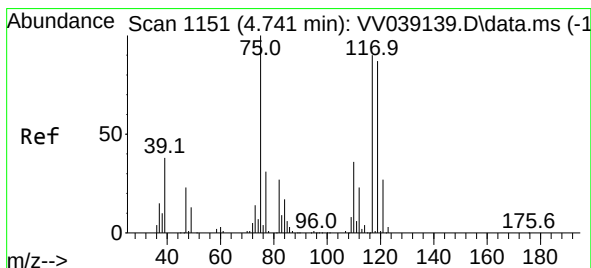
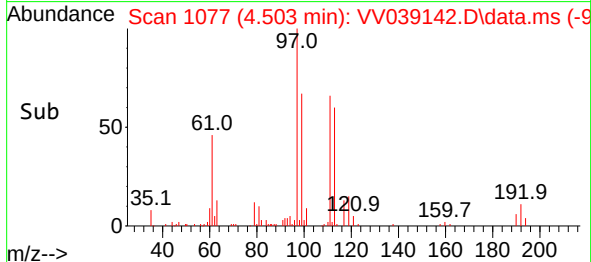
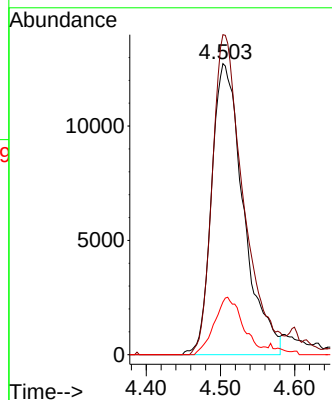
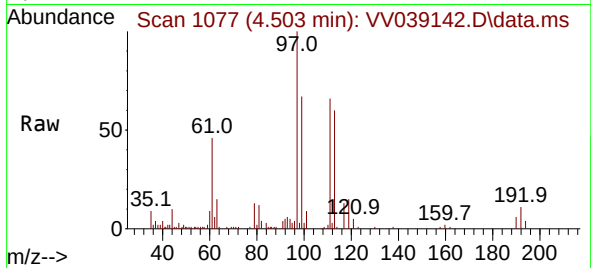




#35
Dibromofluoromethane
Concen: 5.653 ug/l
RT: 4.503 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

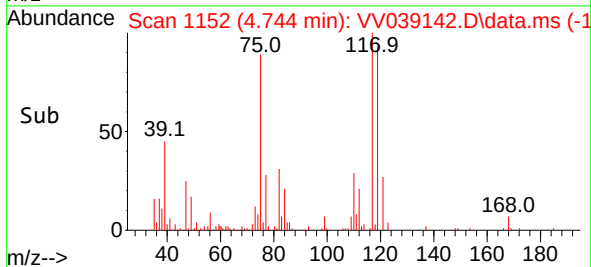
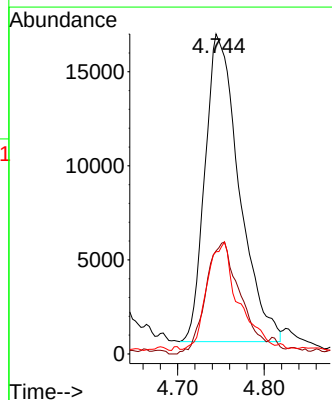
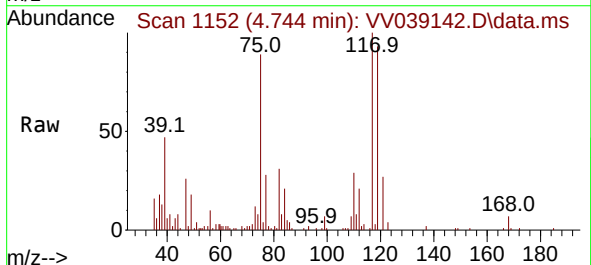
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

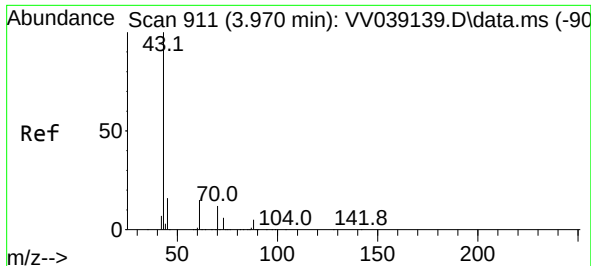
Tgt Ion:113 Resp: 37959
Ion Ratio Lower Upper
113 100
111 107.6 82.4 123.6
192 17.6 13.8 20.8



#36
1,1-Dichloropropene
Concen: 4.379 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 75 Resp: 44786
Ion Ratio Lower Upper
75 100
110 36.8 18.1 54.1
77 32.0 24.8 37.2

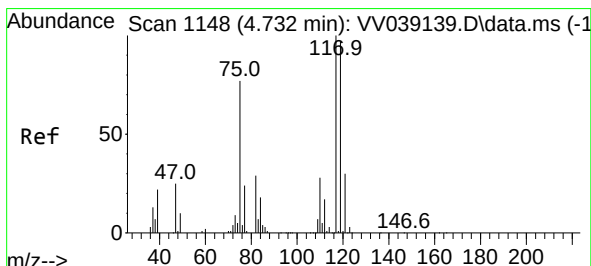
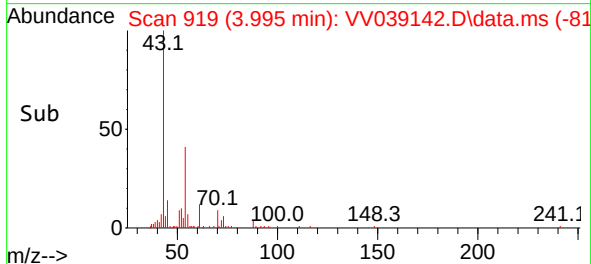
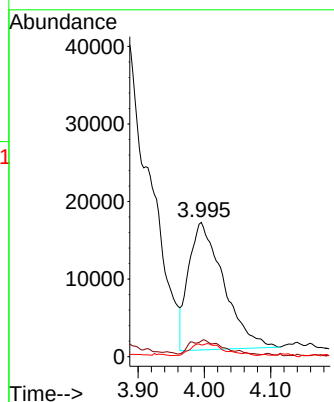
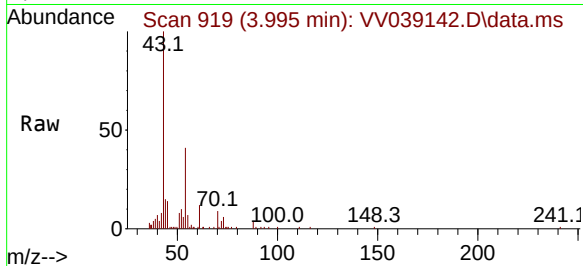




#37
Ethyl Acetate
Concen: 4.805 ug/l
RT: 3.995 min Scan# 911
Delta R.T. 0.025 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

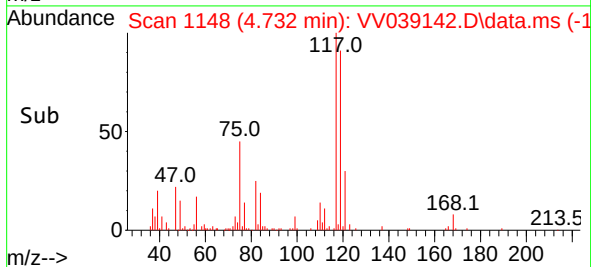
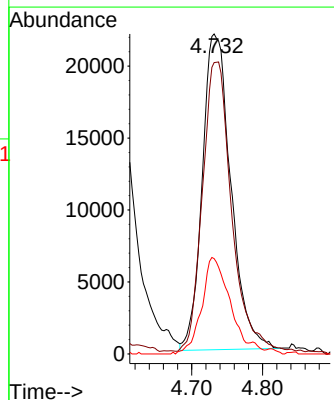
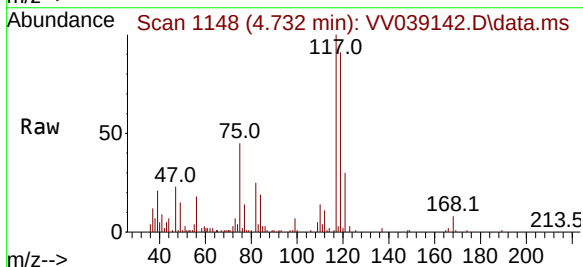
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

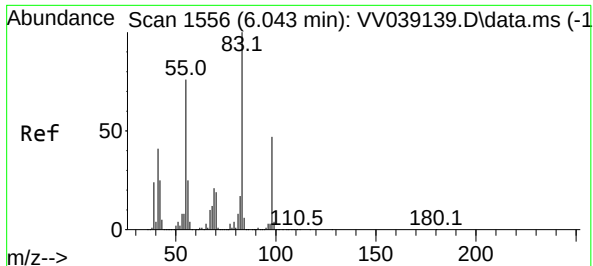
Tgt Ion: 43 Resp: 60285
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 3.0 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 4.992 ug/l
RT: 4.732 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 117 Resp: 61498
Ion Ratio Lower Upper
117 100
119 91.1 77.2 115.8
121 29.8 24.2 36.2





#39

Methylcyclohexane

Concen: 4.633 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.004 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

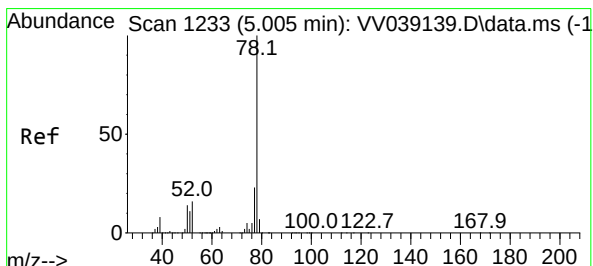
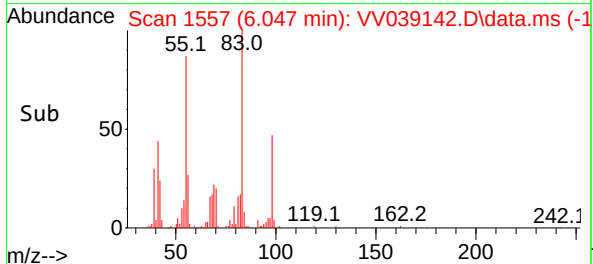
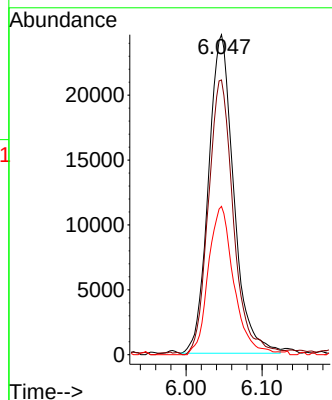
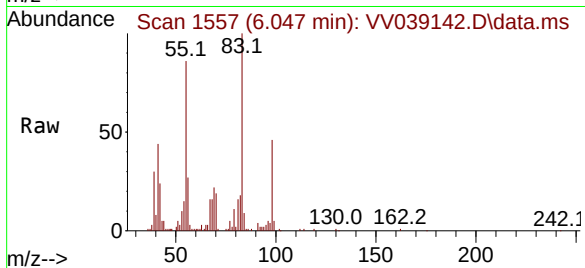
Tgt Ion: 83 Resp: 56805

Ion Ratio Lower Upper

83 100

55 85.8 60.5 90.7

98 46.6 37.8 56.6



#40

Benzene

Concen: 4.959 ug/l

RT: 5.014 min Scan# 1236

Delta R.T. 0.009 min

Lab File: VV039142.D

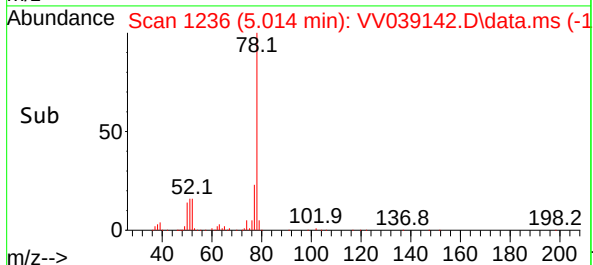
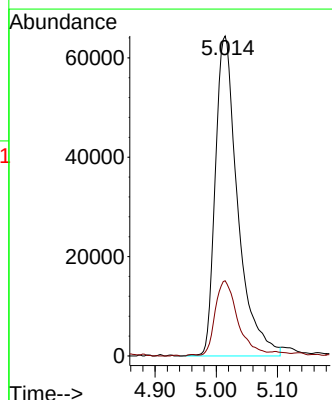
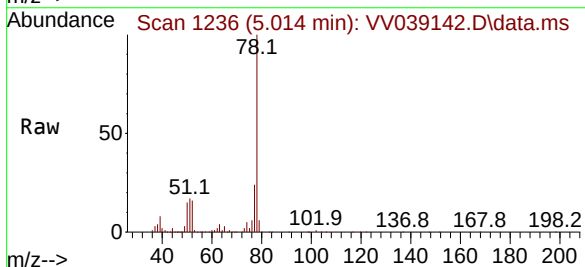
Acq: 22 Sep 2025 15:37

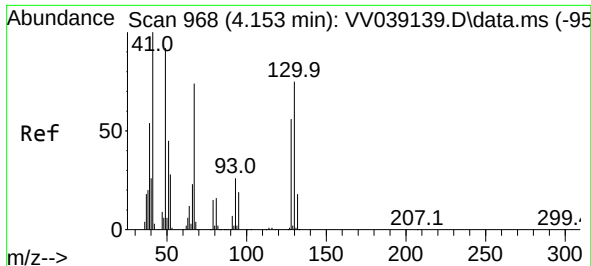
Tgt Ion: 78 Resp: 163948

Ion Ratio Lower Upper

78 100

77 23.5 18.7 28.1

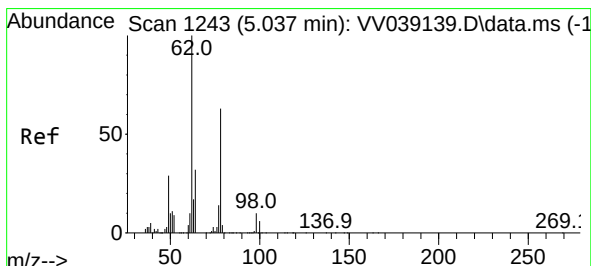
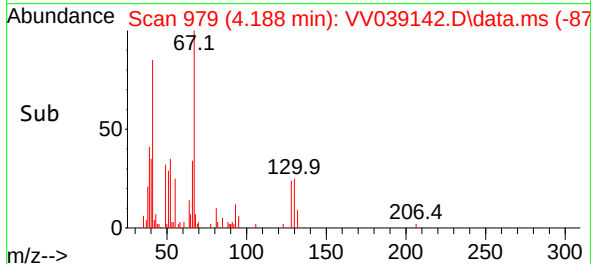
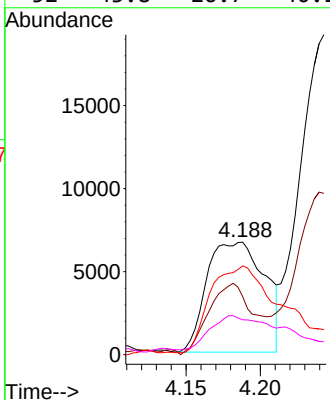
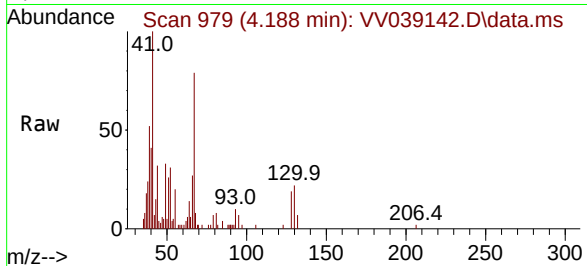




#41
Methacrylonitrile
Concen: 4.995 ug/l
RT: 4.188 min Scan# 91
Delta R.T. 0.035 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

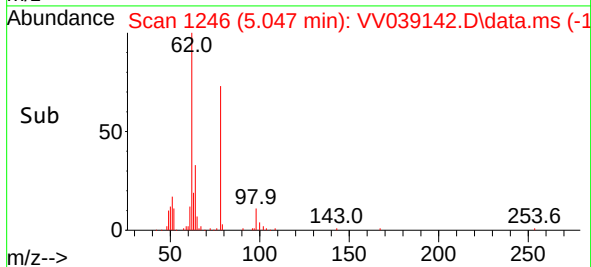
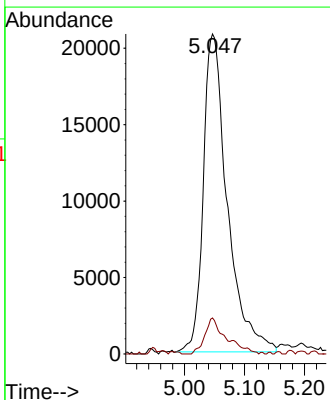
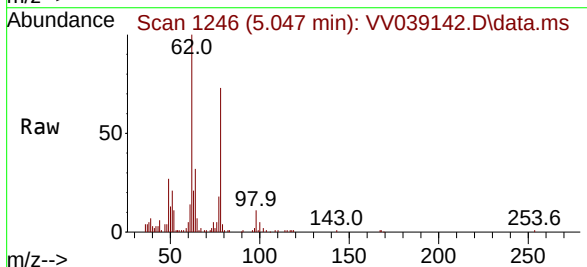
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

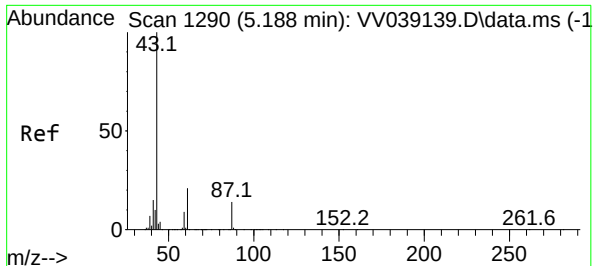
Tgt Ion:	41	Resp:	17959
Ion	Ratio	Lower	Upper
41	100		
39	50.3	42.2	63.2
67	102.2	67.9	101.9#
52	43.8	26.7	40.1#



#42
1,2-Dichloroethane
Concen: 4.994 ug/l
RT: 5.047 min Scan# 1246
Delta R.T. 0.010 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion:	62	Resp:	57857
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	19.2





#43

Isopropyl Acetate

Concen: 4.509 ug/l

RT: 5.204 min Scan# 1492

Delta R.T. 0.016 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

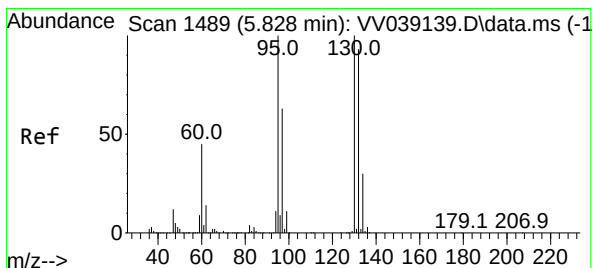
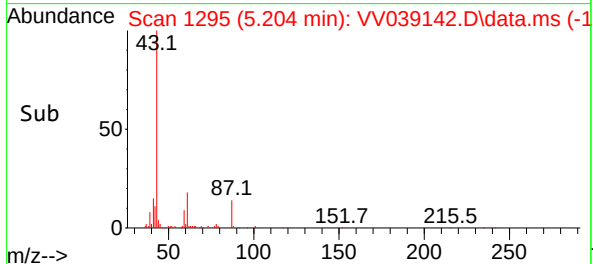
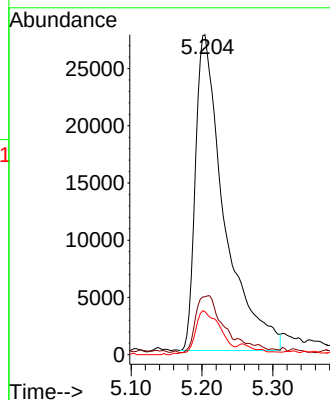
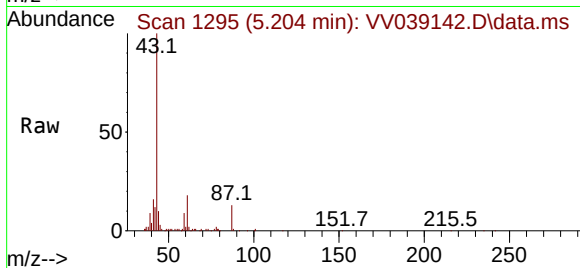
Tgt Ion: 43 Resp: 77935

Ion Ratio Lower Upper

43 100

61 15.9 15.9 23.9#

87 12.0 11.0 16.6



#44

Trichloroethene

Concen: 5.033 ug/l

RT: 5.838 min Scan# 1492

Delta R.T. 0.010 min

Lab File: VV039142.D

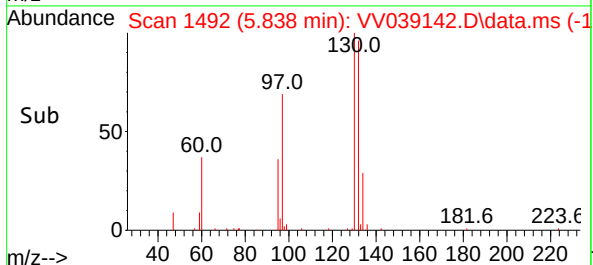
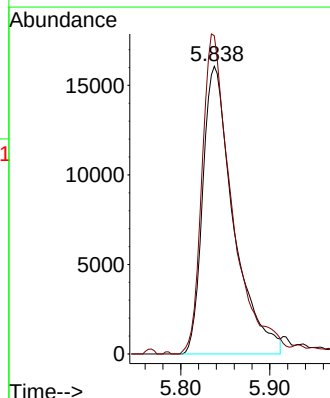
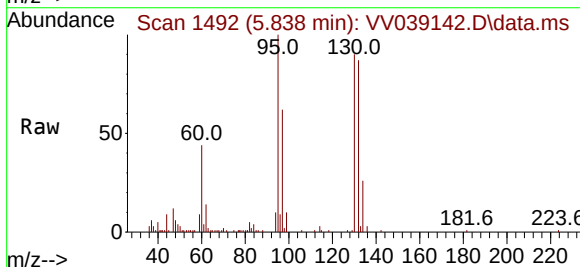
Acq: 22 Sep 2025 15:37

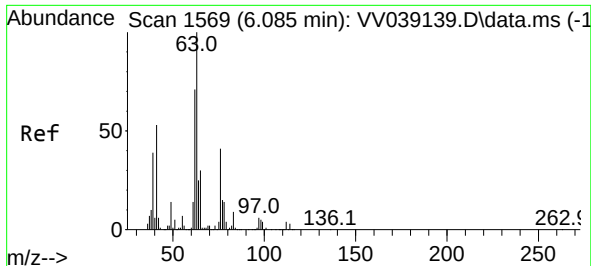
Tgt Ion:130 Resp: 38395

Ion Ratio Lower Upper

130 100

95 110.6 0.0 199.2





#45

1,2-Dichloropropane

Concen: 4.786 ug/l

RT: 6.098 min Scan# 1573

Delta R.T. 0.013 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

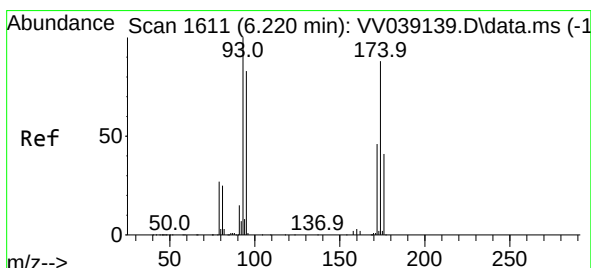
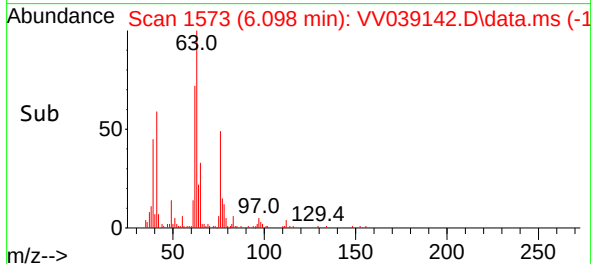
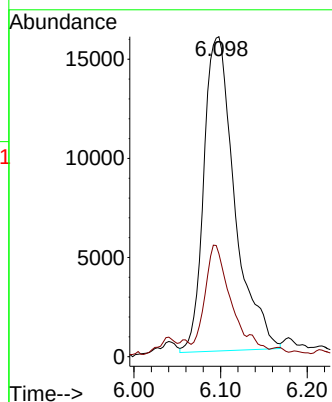
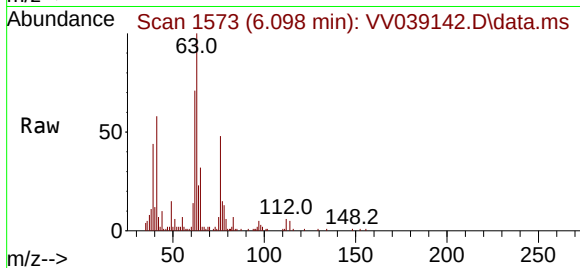
VSTDIC005

Tgt Ion: 63 Resp: 39327

Ion Ratio Lower Upper

63 100

65 29.6 23.7 35.5



#46

Dibromomethane

Concen: 5.066 ug/l

RT: 6.233 min Scan# 1615

Delta R.T. 0.013 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

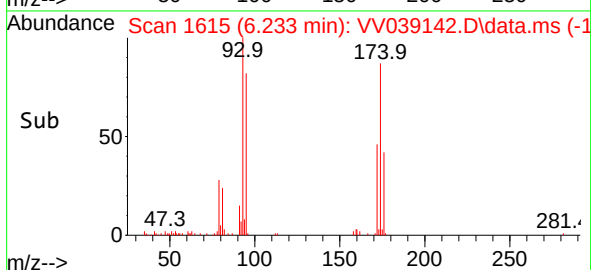
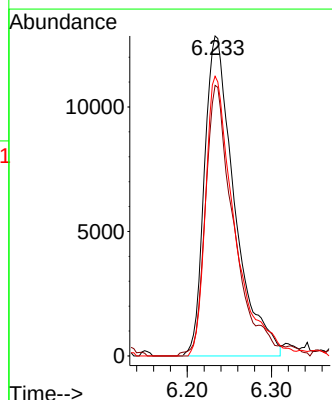
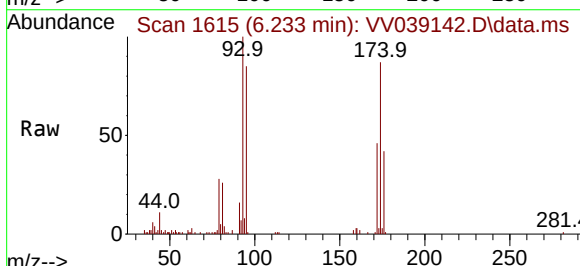
Tgt Ion: 93 Resp: 31863

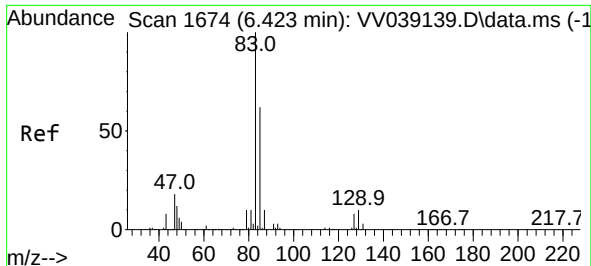
Ion Ratio Lower Upper

93 100

95 80.2 65.5 98.3

174 84.5 69.0 103.4

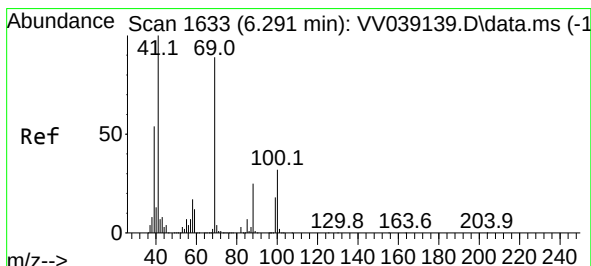
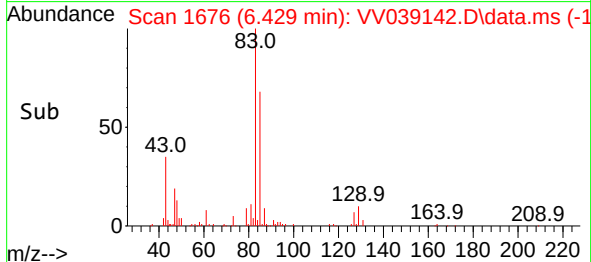
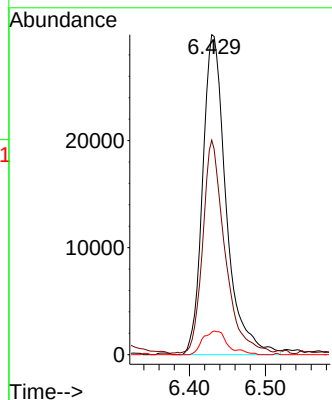
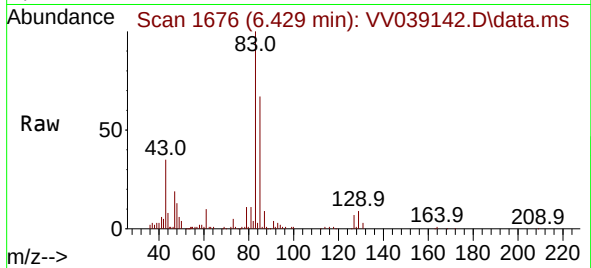




#47
 Bromodichloromethane
 Concen: 4.925 ug/l
 RT: 6.429 min Scan# 1640
 Delta R.T. 0.006 min
 Lab File: VV039142.D
 Acq: 22 Sep 2025 15:37

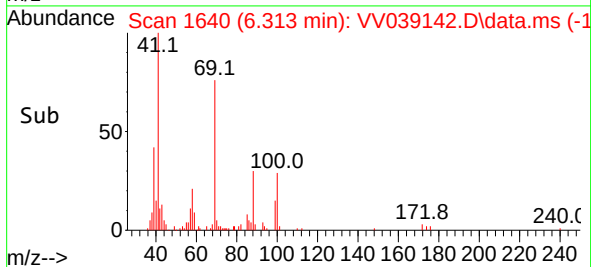
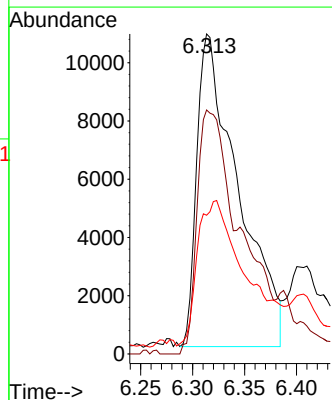
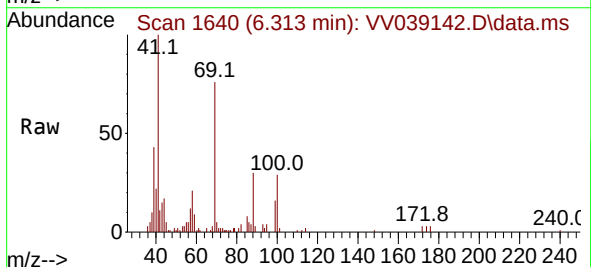
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

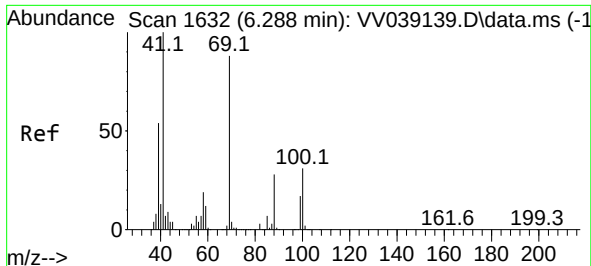
Tgt Ion: 83 Resp: 64039
 Ion Ratio Lower Upper
 83 100
 85 66.5 49.7 74.5
 127 7.1 6.6 9.8



#48
 Methyl methacrylate
 Concen: 3.757 ug/l
 RT: 6.313 min Scan# 1640
 Delta R.T. 0.022 min
 Lab File: VV039142.D
 Acq: 22 Sep 2025 15:37

Tgt Ion: 41 Resp: 29705
 Ion Ratio Lower Upper
 41 100
 69 81.4 72.4 108.6
 39 54.4 42.5 63.7





#49

1,4-Dioxane

Concen: 72.413 ug/l

RT: 6.307 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

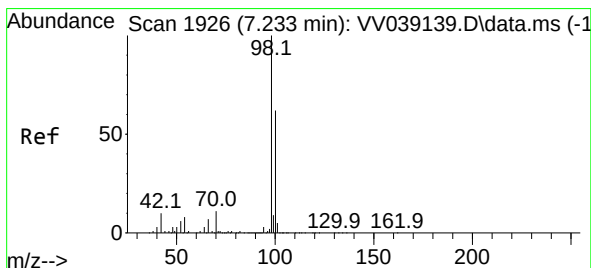
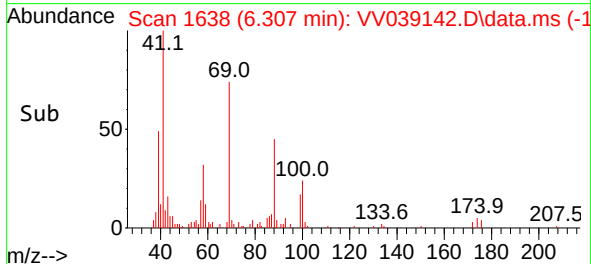
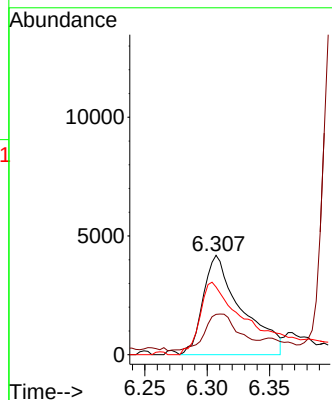
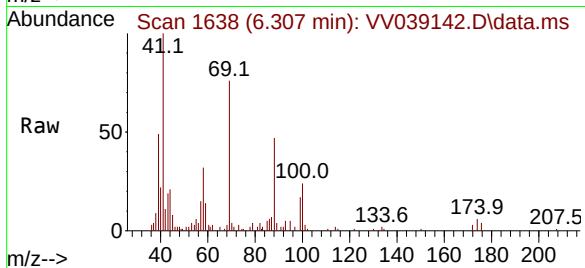
Tgt Ion: 88 Resp: 8999

Ion Ratio Lower Upper

88 100

43 31.9 25.1 37.7

58 91.7 53.6 80.4#



#50

Toluene-d8

Concen: 5.976 ug/l

RT: 7.239 min Scan# 1928

Delta R.T. 0.006 min

Lab File: VV039142.D

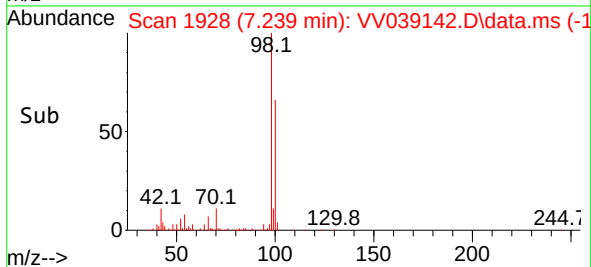
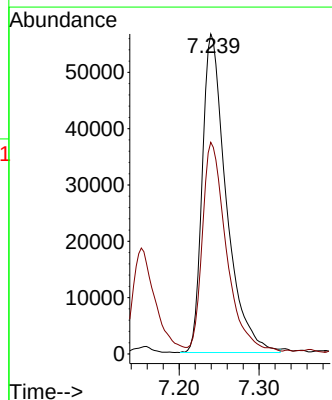
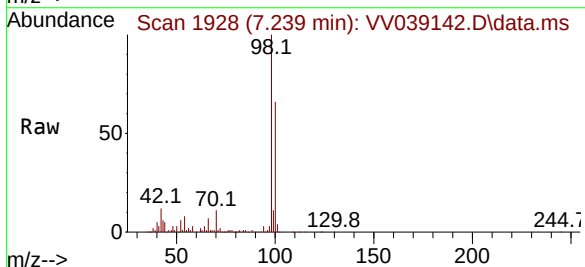
Acq: 22 Sep 2025 15:37

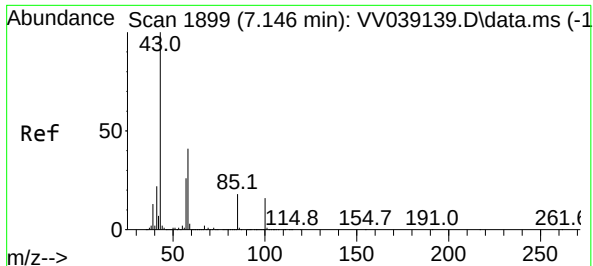
Tgt Ion: 98 Resp: 117860

Ion Ratio Lower Upper

98 100

100 66.0 52.2 78.2

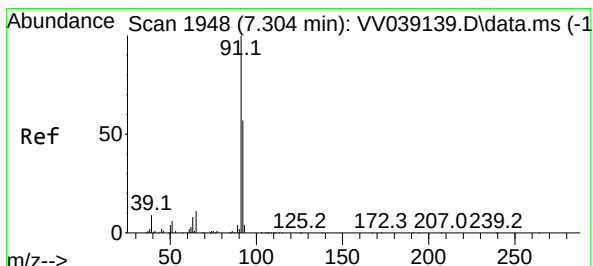
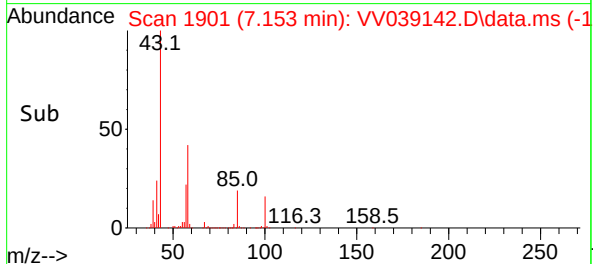
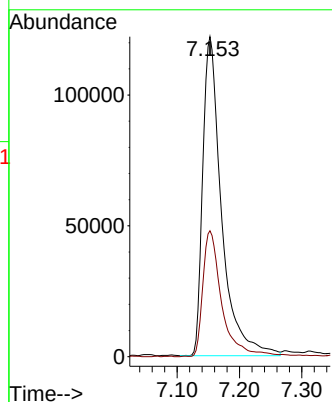
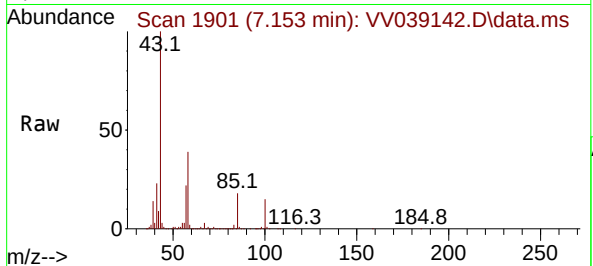




#51
4-Methyl-2-Pentanone
Concen: 23.155 ug/l
RT: 7.153 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

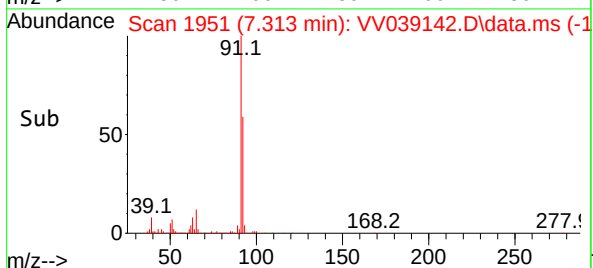
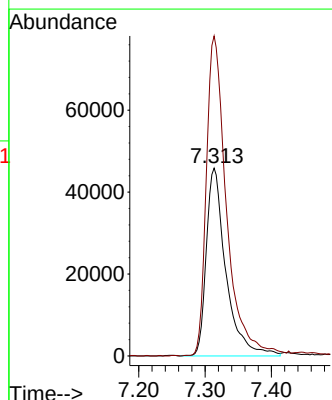
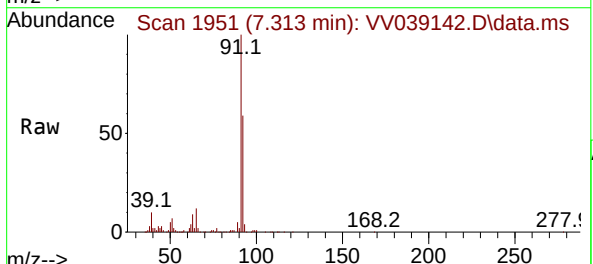
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

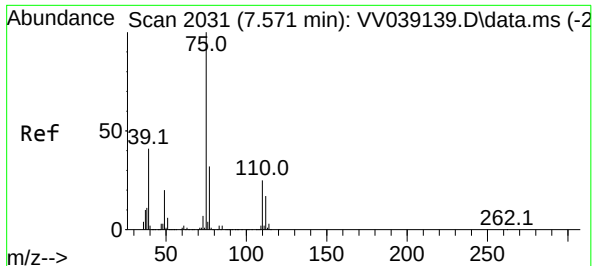
Tgt Ion: 43 Resp: 255889
Ion Ratio Lower Upper
43 100
58 39.6 32.3 48.5



#52
Toluene
Concen: 4.925 ug/l
RT: 7.313 min Scan# 1951
Delta R.T. 0.009 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 92 Resp: 94414
Ion Ratio Lower Upper
92 100
91 175.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 4.755 ug/l

RT: 7.583 min Scan# 2031

Delta R.T. 0.013 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

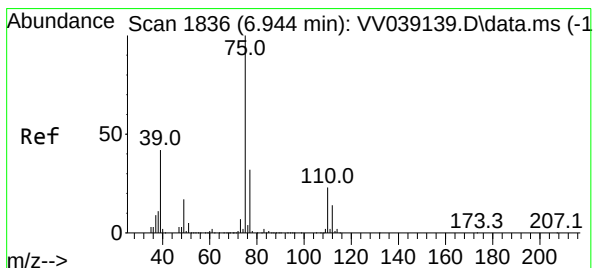
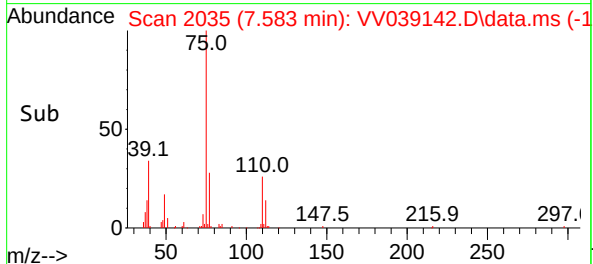
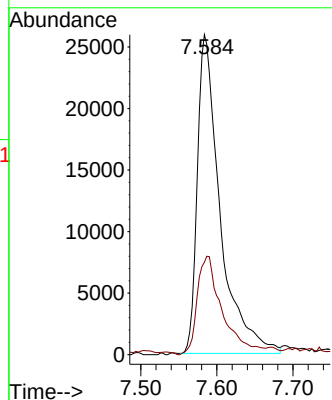
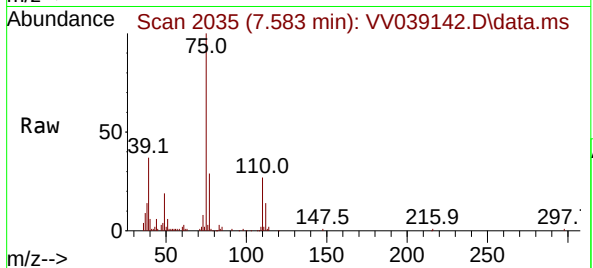
VSTDIC005

Tgt Ion: 75 Resp: 53878

Ion Ratio Lower Upper

75 100

77 29.0 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 4.700 ug/l

RT: 6.957 min Scan# 1840

Delta R.T. 0.013 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

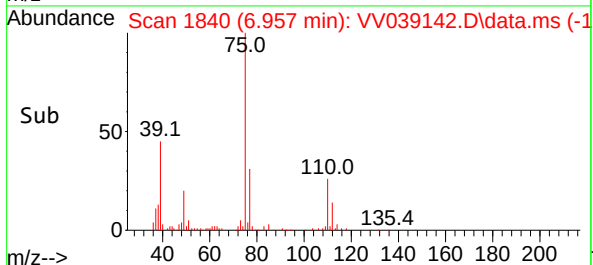
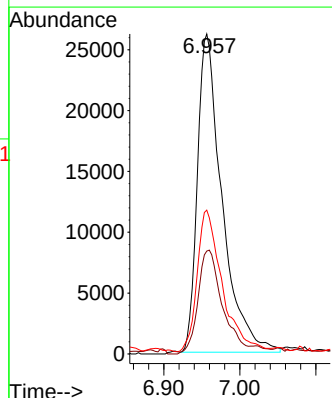
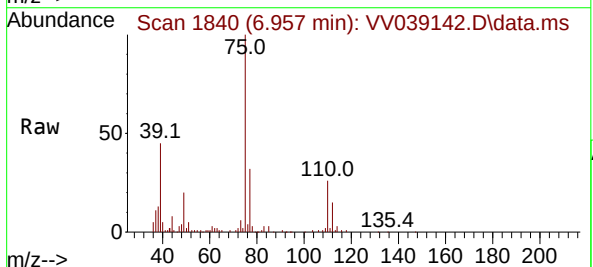
Tgt Ion: 75 Resp: 58800

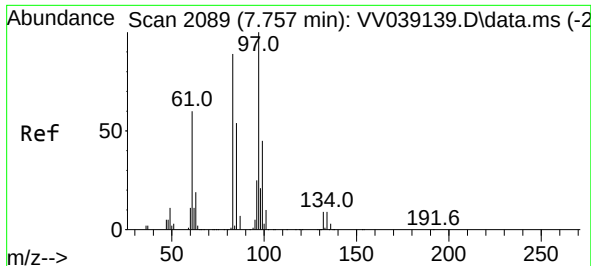
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 44.3 33.8 50.6

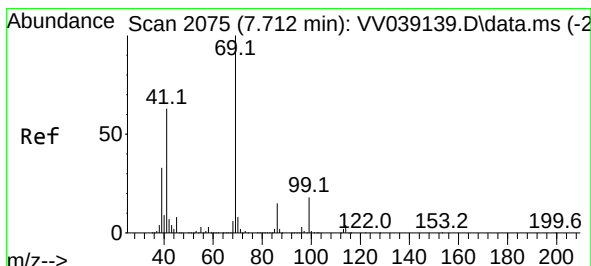
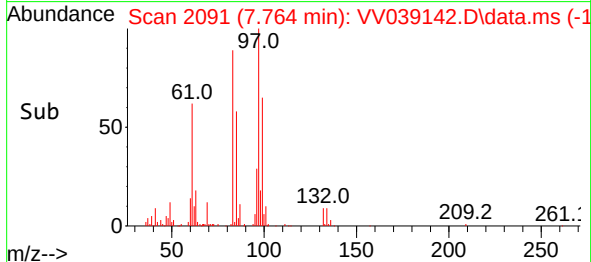
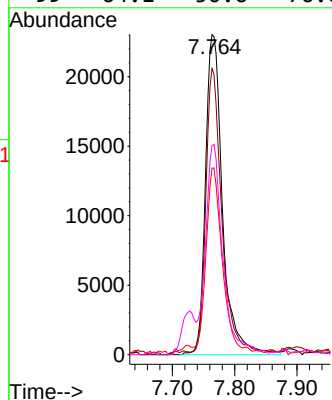
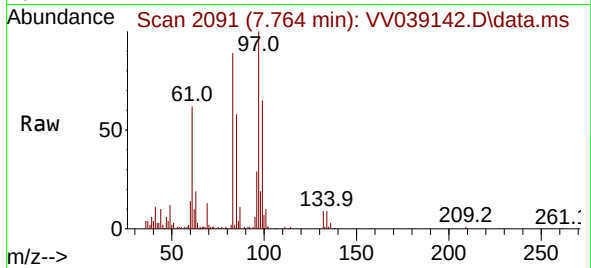




#55
1,1,2-Trichloroethane
Concen: 5.094 ug/l
RT: 7.764 min Scan# 2089
Delta R.T. 0.007 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

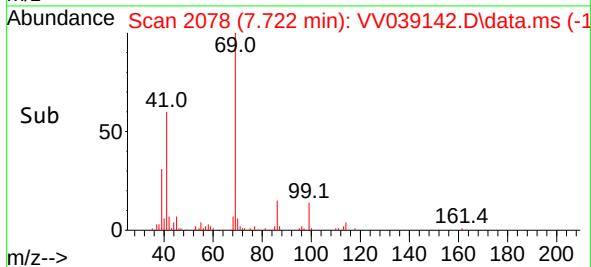
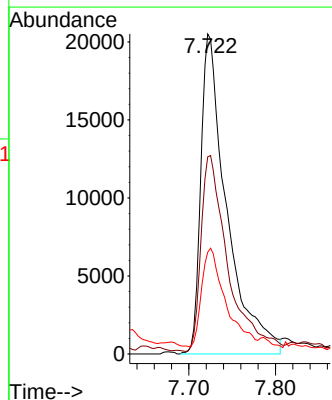
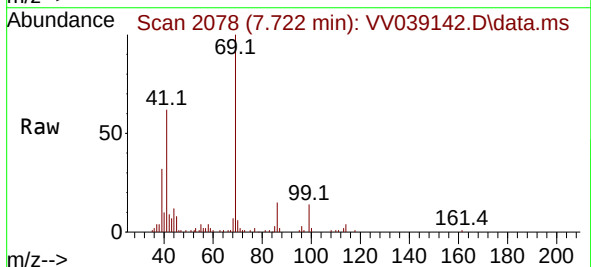
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

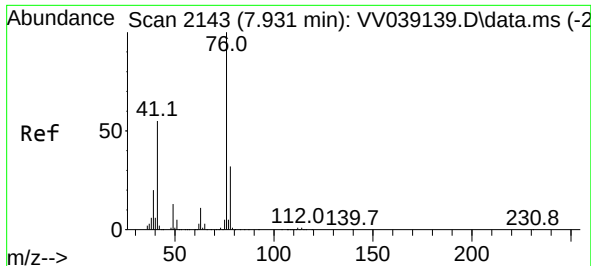
Tgt Ion:	97	Resp:	43788
Ion	Ratio	Lower	Upper
97	100		
83	88.7	71.1	106.7
85	57.1	44.6	67.0
99	64.1	50.6	76.0



#56
Ethyl methacrylate
Concen: 4.173 ug/l
RT: 7.722 min Scan# 2078
Delta R.T. 0.010 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion:	69	Resp:	42598
Ion	Ratio	Lower	Upper
69	100		
41	63.6	50.7	76.1
39	28.1	26.0	39.0

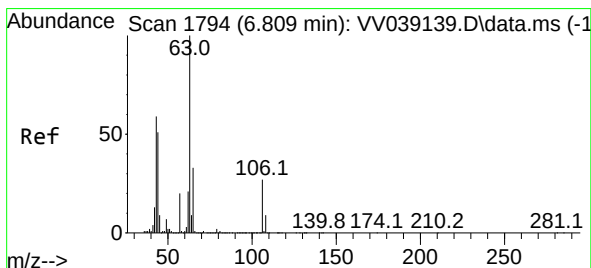
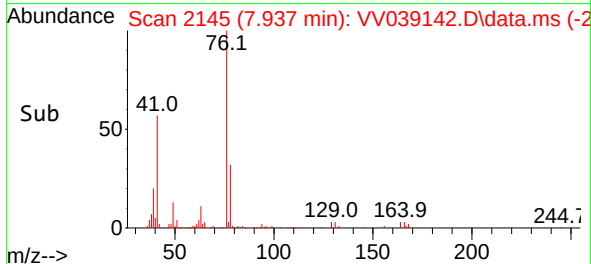
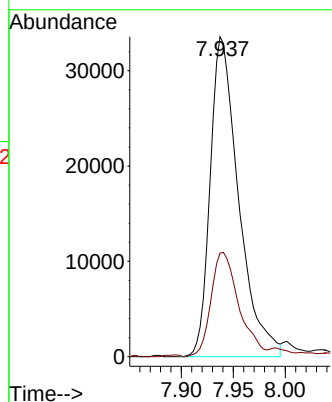
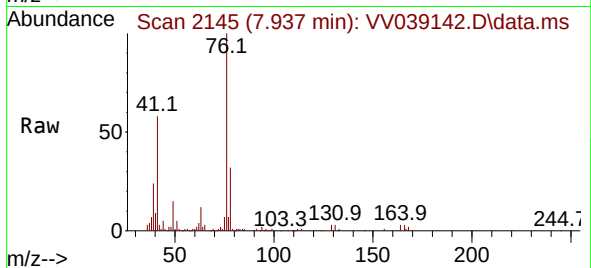




#57
1,3-Dichloropropane
Concen: 4.705 ug/l
RT: 7.937 min Scan# 2143
Delta R.T. 0.006 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

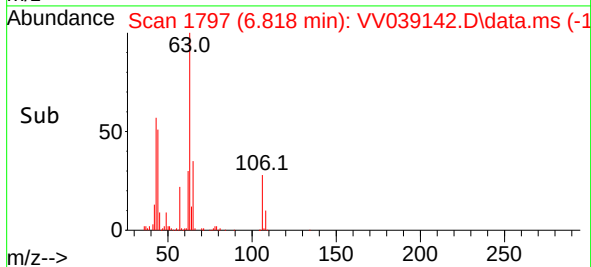
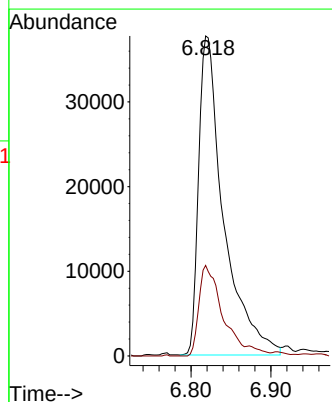
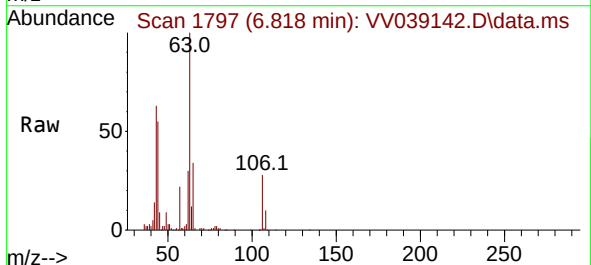
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

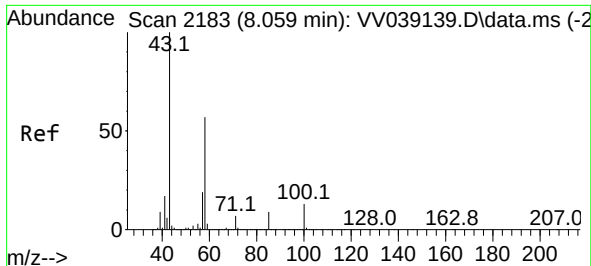
Tgt Ion: 76 Resp: 63818
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 23.077 ug/l
RT: 6.818 min Scan# 1797
Delta R.T. 0.009 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 63 Resp: 81984
Ion Ratio Lower Upper
63 100
106 27.7 22.1 33.1

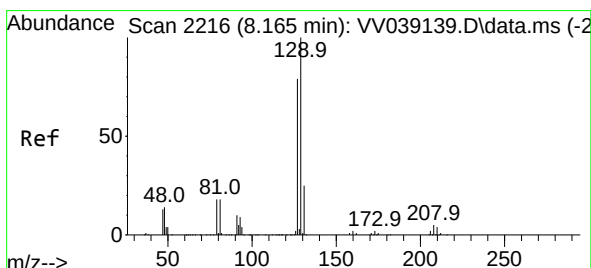
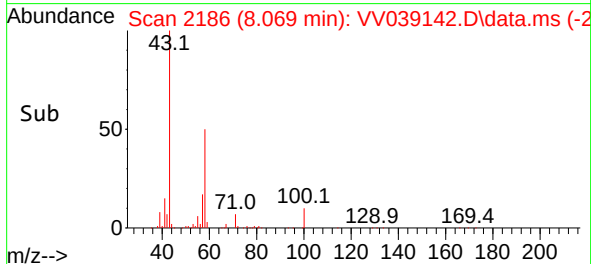
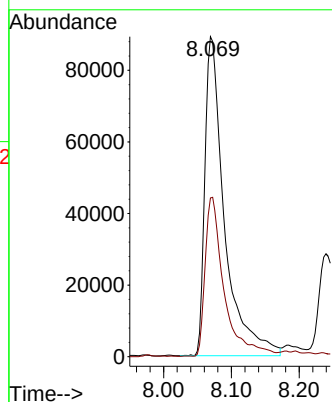
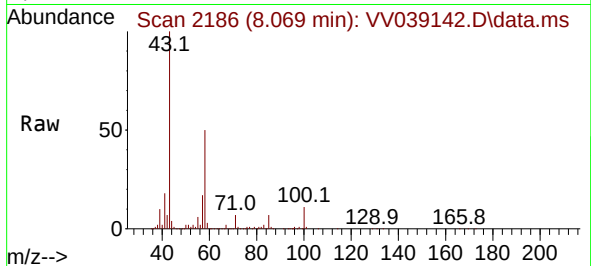




#59
2-Hexanone
Concen: 22.071 ug/l
RT: 8.069 min Scan# 2183
Delta R.T. 0.010 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

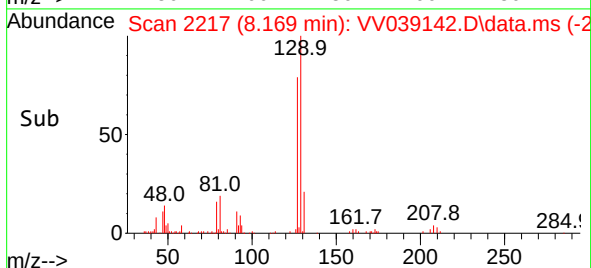
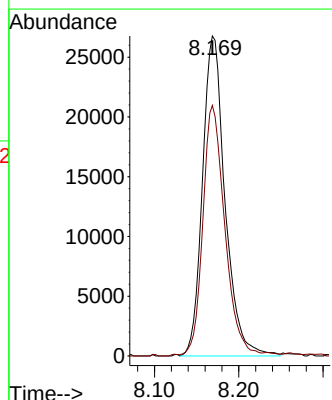
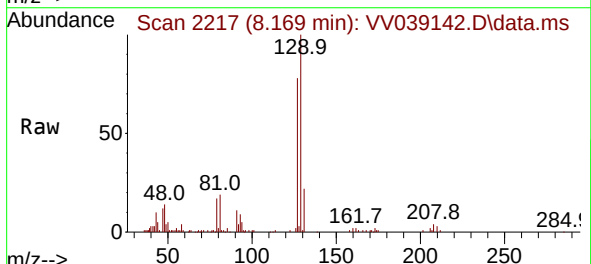
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

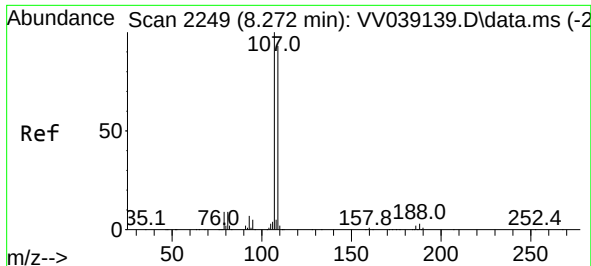
Tgt Ion: 43 Resp: 179185
Ion Ratio Lower Upper
43 100
58 48.1 28.3 85.0



#60
Dibromochloromethane
Concen: 5.100 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 129 Resp: 49953
Ion Ratio Lower Upper
129 100
127 74.8 39.3 117.9





#61

1,2-Dibromoethane

Concen: 5.088 ug/l

RT: 8.278 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

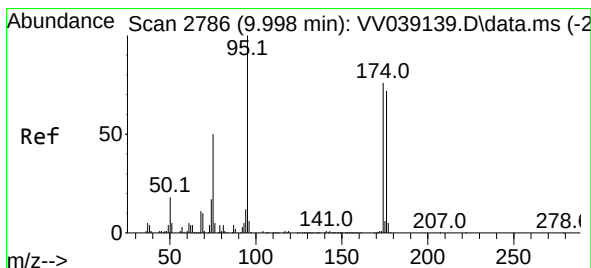
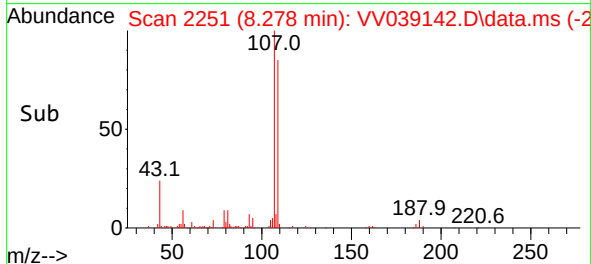
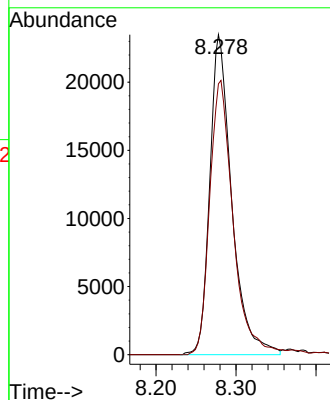
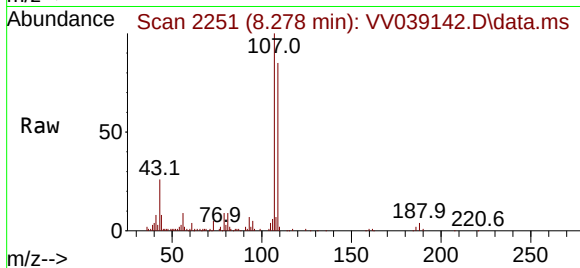
VSTDIC005

Tgt Ion:107 Resp: 44729

Ion Ratio Lower Upper

107 100

109 91.4 74.6 112.0



#62

4-Bromofluorobenzene

Concen: 4.904 ug/l

RT: 10.008 min Scan# 2789

Delta R.T. 0.010 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

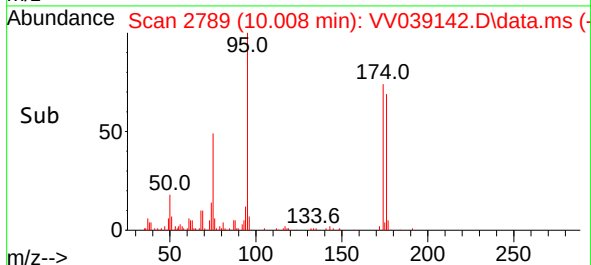
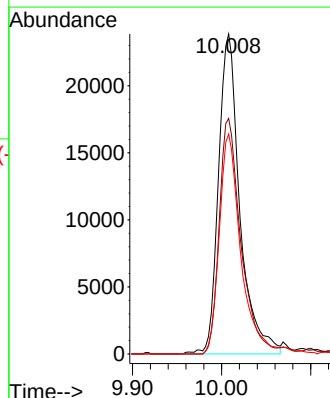
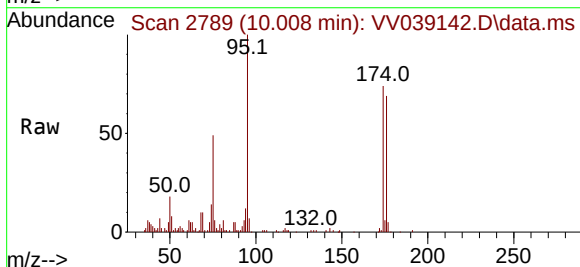
Tgt Ion: 95 Resp: 39819

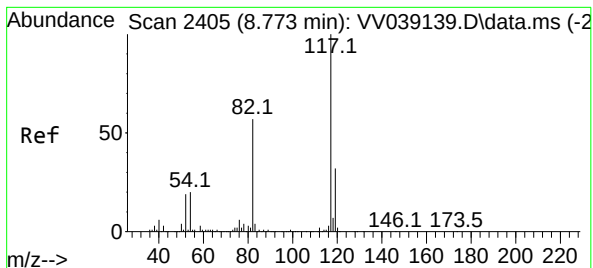
Ion Ratio Lower Upper

95 100

174 74.3 0.0 150.4

176 70.3 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

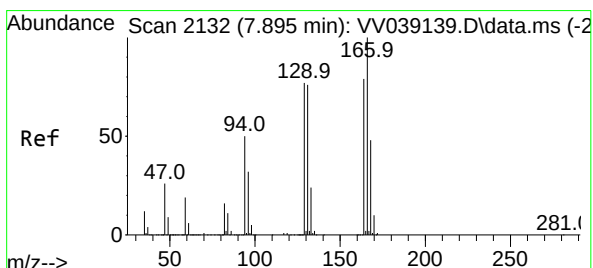
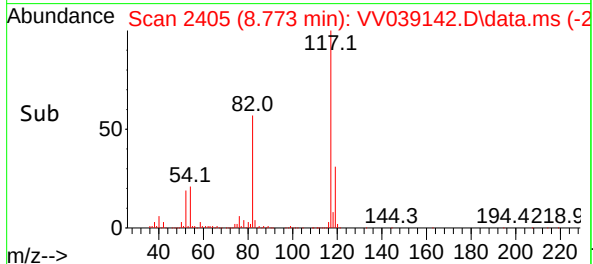
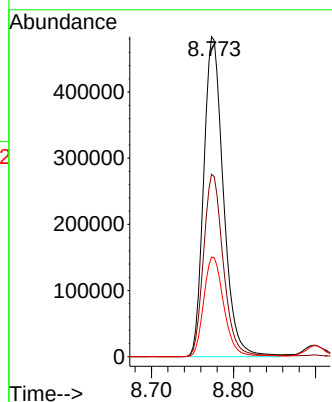
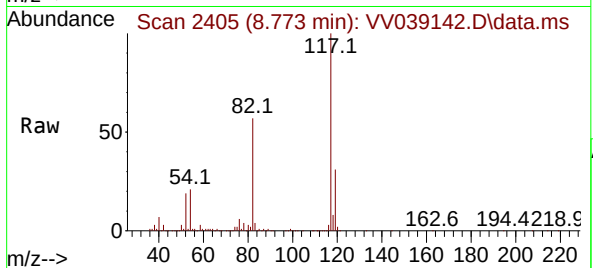
Tgt Ion:117 Resp: 807740

Ion Ratio Lower Upper

117 100

82 57.0 45.4 68.2

119 31.1 25.6 38.4



#64

Tetrachloroethene

Concen: 5.143 ug/l

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Tgt Ion:164 Resp: 34795

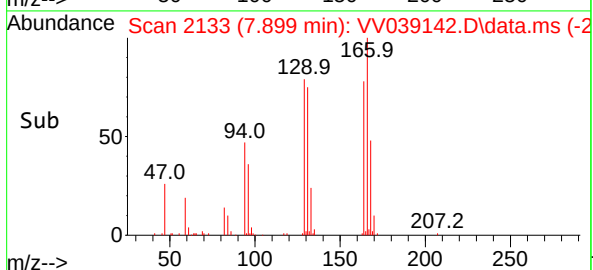
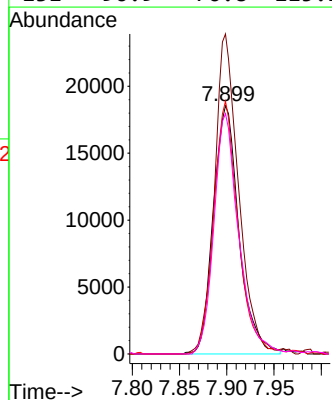
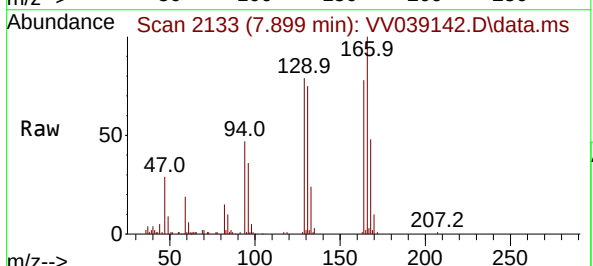
Ion Ratio Lower Upper

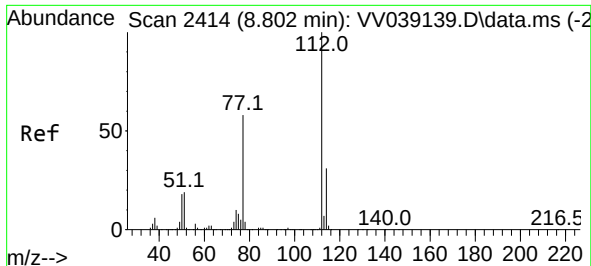
164 100

166 128.9 101.6 152.4

129 101.9 78.5 117.7

131 96.9 76.8 115.2

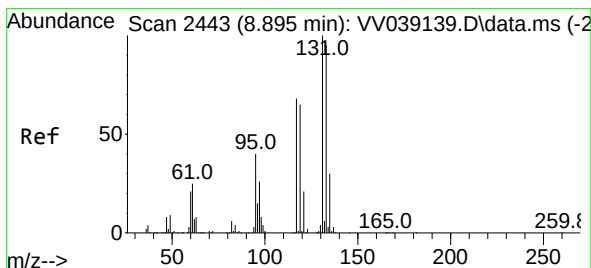
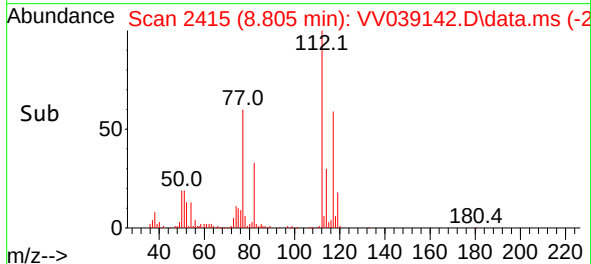
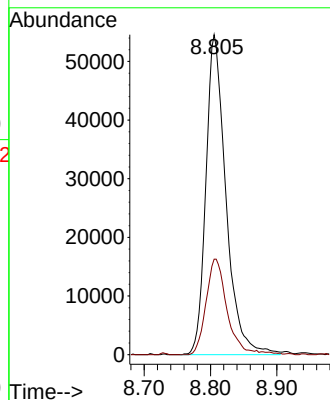
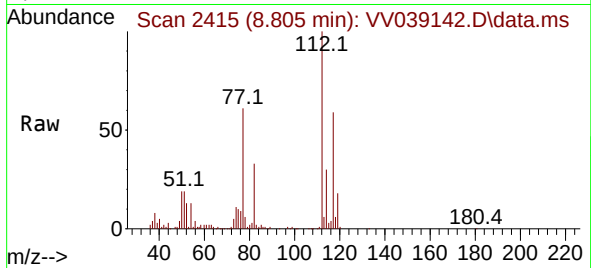




#65
Chlorobenzene
Concen: 5.086 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

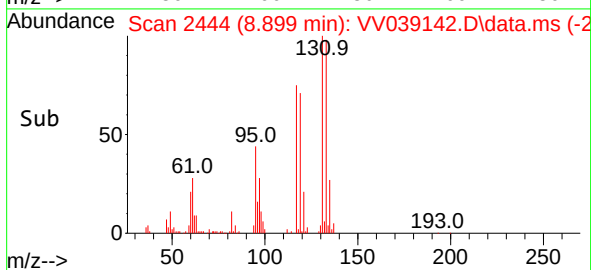
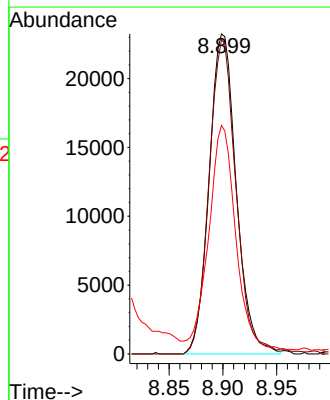
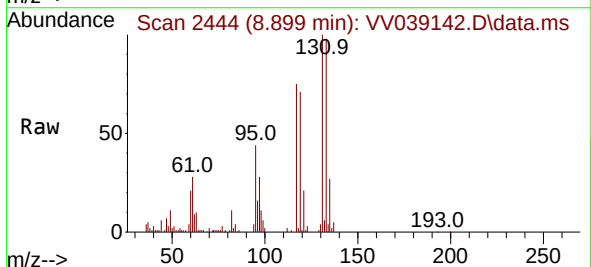
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

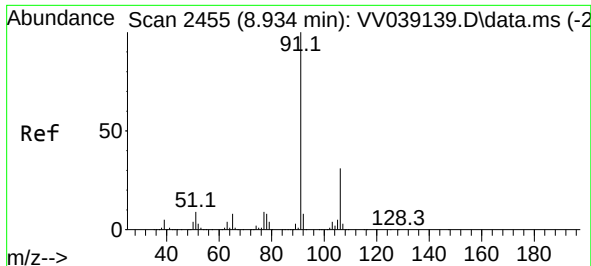
Tgt Ion:112 Resp: 114424
Ion Ratio Lower Upper
112 100
114 29.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.005 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion:131 Resp: 40690
Ion Ratio Lower Upper
131 100
133 98.7 47.3 141.8
119 70.6 33.3 99.8





#67

Ethyl Benzene

Concen: 4.633 ug/l

RT: 8.940 min Scan# 2455

Delta R.T. 0.006 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

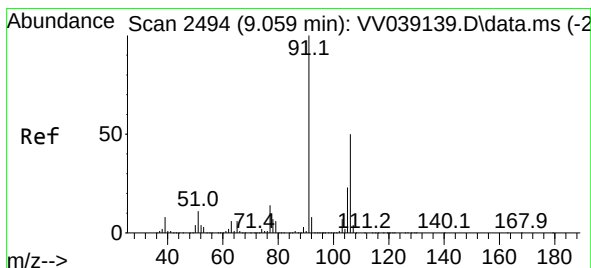
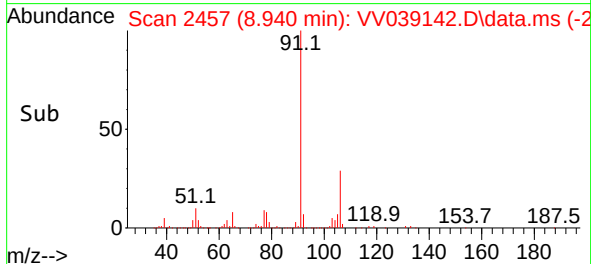
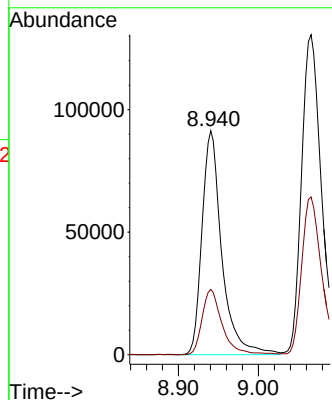
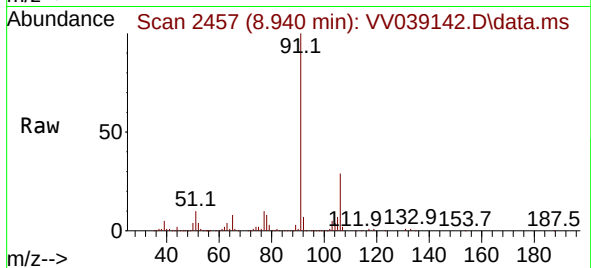
VSTDIC005

Tgt Ion: 91 Resp: 157790

Ion Ratio Lower Upper

91 100

106 29.1 24.6 37.0



#68

m/p-Xylenes

Concen: 8.762 ug/l

RT: 9.066 min Scan# 2496

Delta R.T. 0.007 min

Lab File: VV039142.D

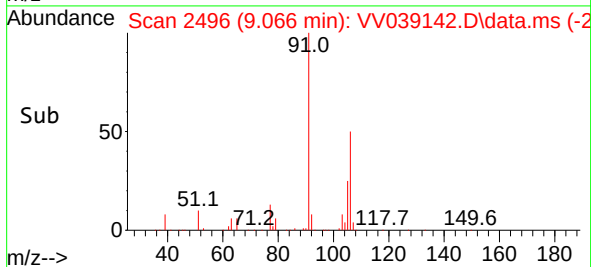
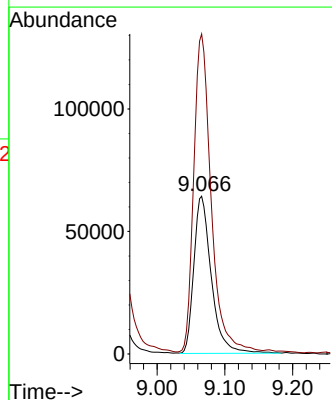
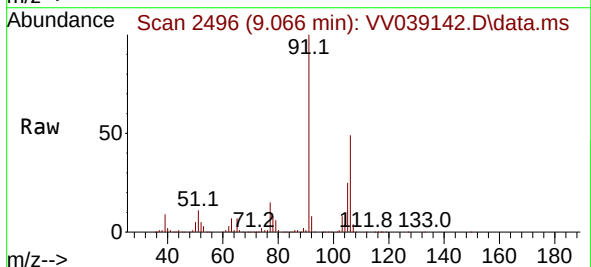
Acq: 22 Sep 2025 15:37

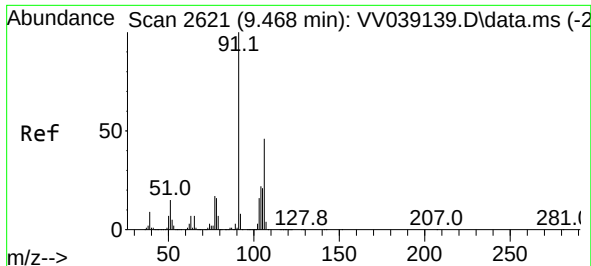
Tgt Ion: 106 Resp: 115177

Ion Ratio Lower Upper

106 100

91 200.3 162.5 243.7

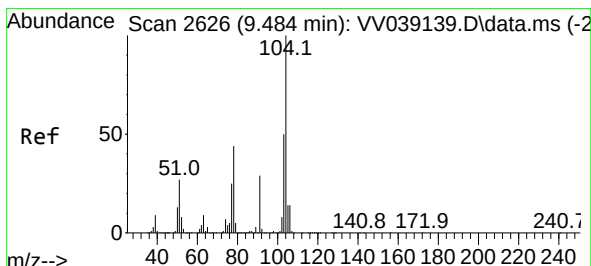
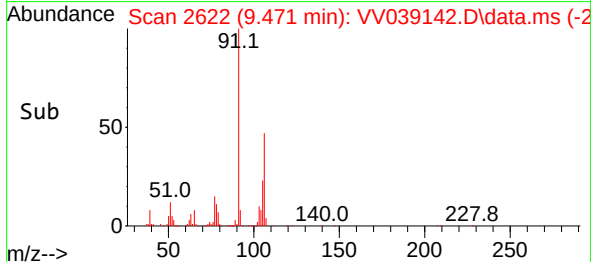
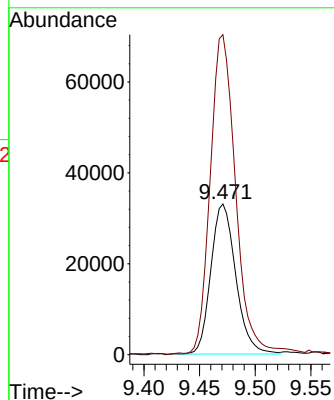
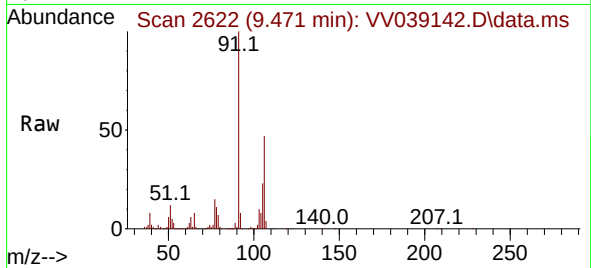




#69
o-Xylene
Concen: 4.406 ug/l
RT: 9.471 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

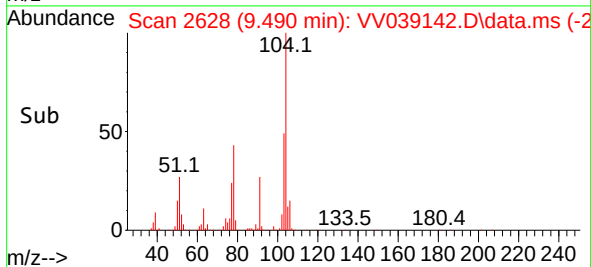
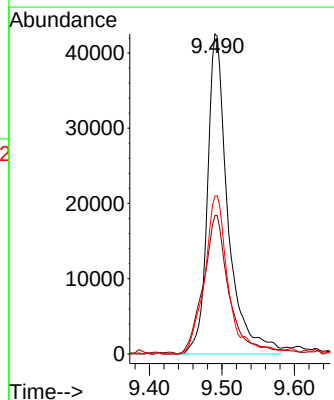
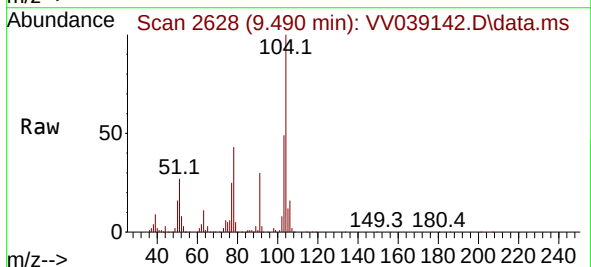
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

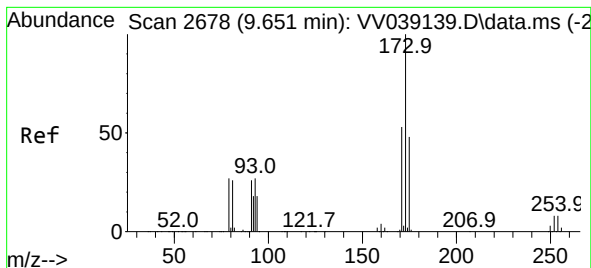
Tgt Ion:106 Resp: 51281
Ion Ratio Lower Upper
106 100
91 218.4 109.1 327.3



#70
Styrene
Concen: 4.836 ug/l
RT: 9.490 min Scan# 2628
Delta R.T. 0.006 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion:104 Resp: 83873
Ion Ratio Lower Upper
104 100
78 53.9 39.8 59.6
103 55.8 43.4 65.2





#71

Bromoform

Concen: 4.903 ug/l

RT: 9.657 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

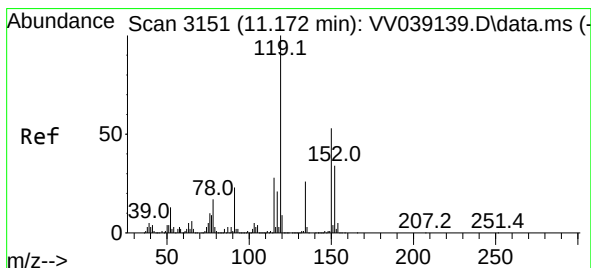
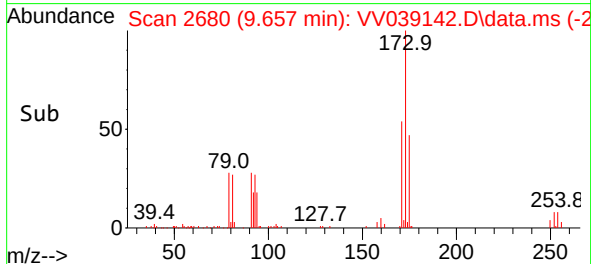
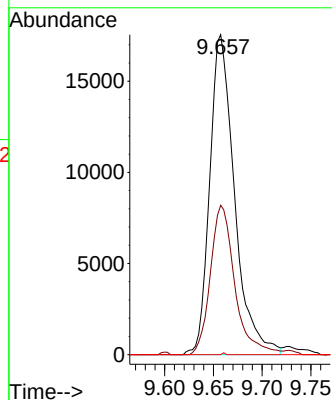
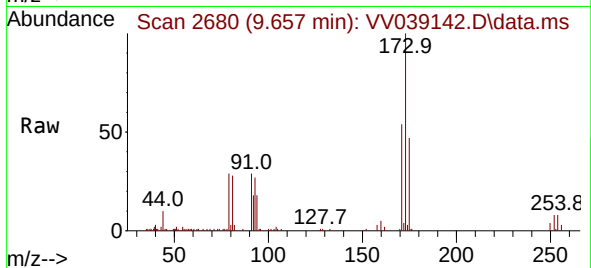
Tgt Ion:173 Resp: 31133

Ion Ratio Lower Upper

173 100

175 46.0 23.9 71.7

254 0.1 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: VV039142.D

Acq: 22 Sep 2025 15:37

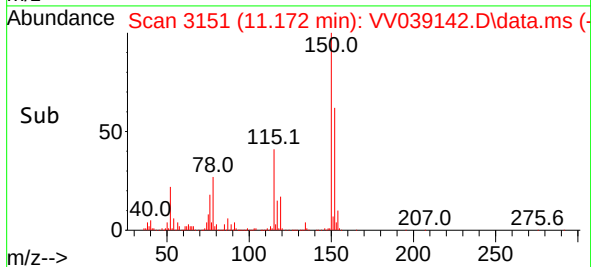
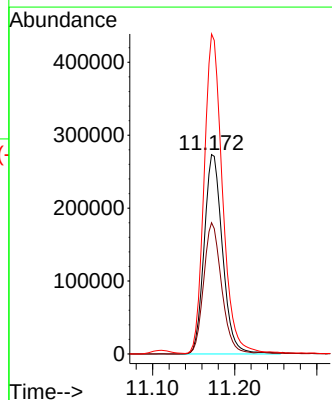
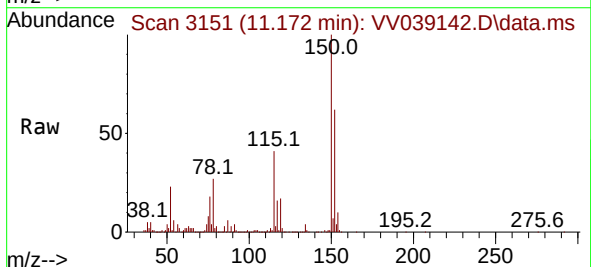
Tgt Ion:152 Resp: 425480

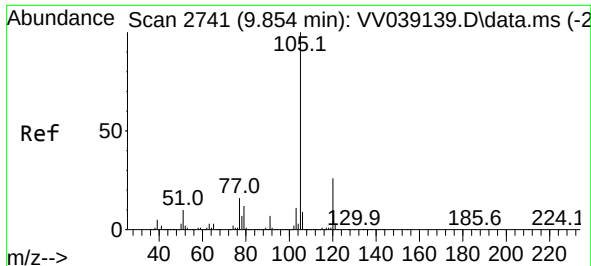
Ion Ratio Lower Upper

152 100

115 64.2 44.8 134.4

150 160.0 0.0 353.8

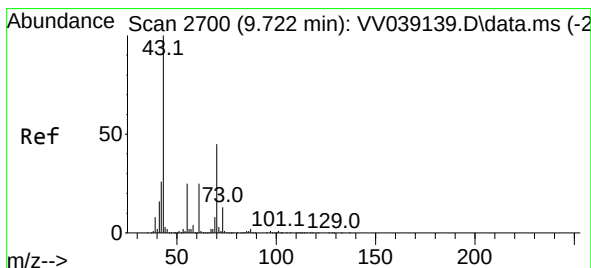
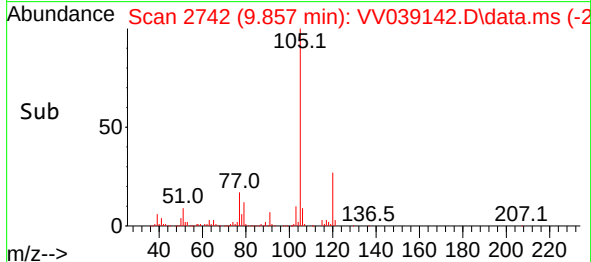
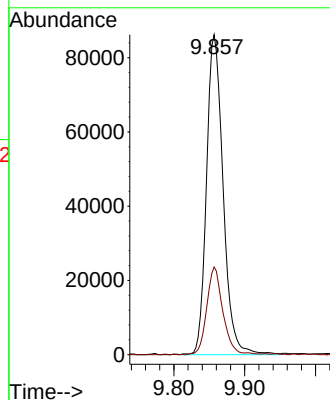
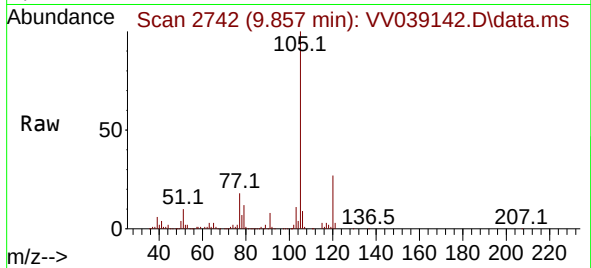




#73
Isopropylbenzene
Concen: 4.545 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

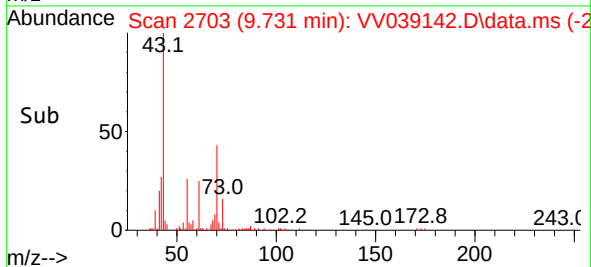
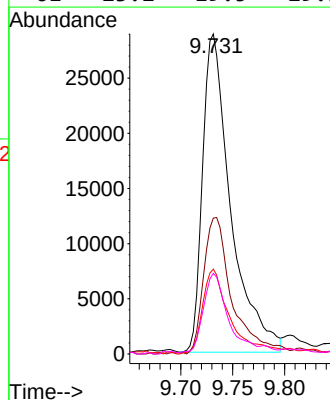
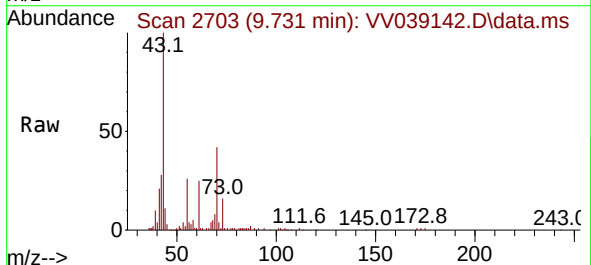
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

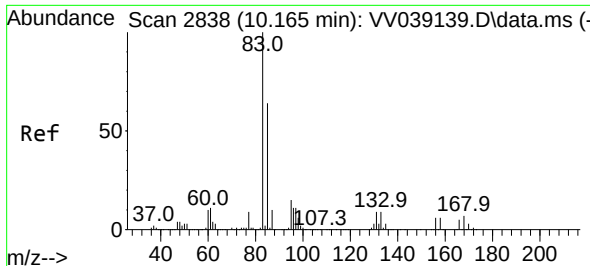
Tgt Ion:105 Resp: 140251
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 4.422 ug/l
RT: 9.731 min Scan# 2703
Delta R.T. 0.010 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion: 43 Resp: 54436
Ion Ratio Lower Upper
43 100
70 43.3 35.4 53.0
55 26.1 20.6 30.8
61 23.2 19.5 29.3

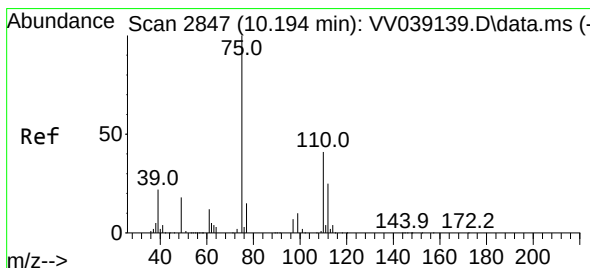
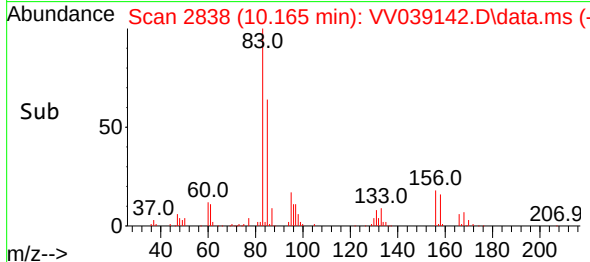
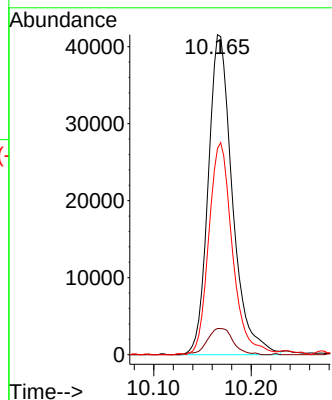
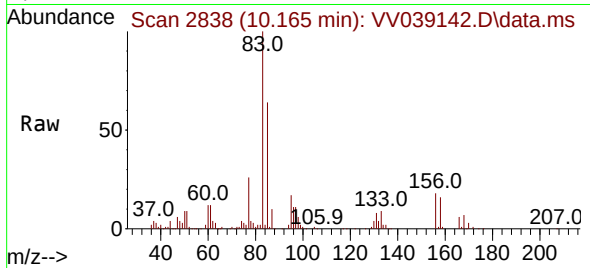




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.299 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. -0.000 min
 Lab File: VV039142.D
 Acq: 22 Sep 2025 15:37

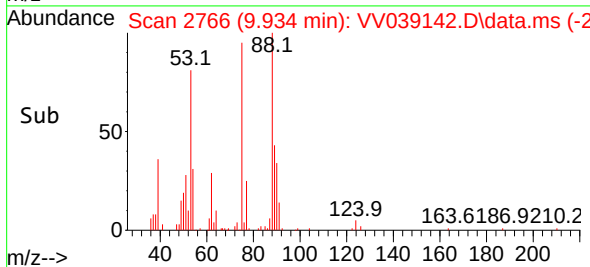
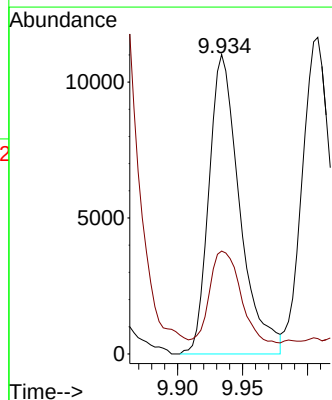
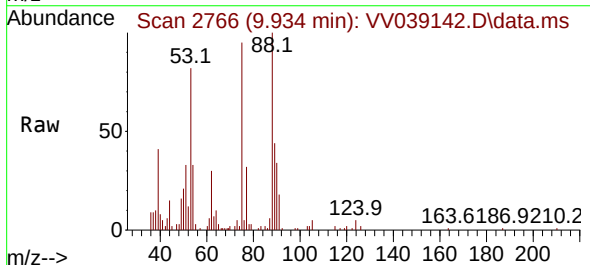
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

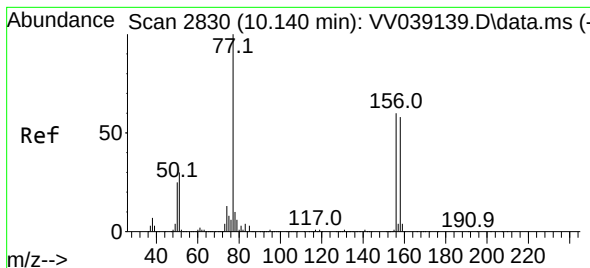
Tgt Ion: 83 Resp: 71656
 Ion Ratio Lower Upper
 83 100
 131 8.8 4.5 13.7
 85 64.6 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 1.874 ug/l
 RT: 9.934 min Scan# 2766
 Delta R.T. -0.260 min
 Lab File: VV039142.D
 Acq: 22 Sep 2025 15:37

Tgt Ion: 75 Resp: 18154
 Ion Ratio Lower Upper
 75 100
 77 30.4 11.3 33.8





#77

Bromobenzene

Concen: 4.924 ug/l

RT: 10.146 min Scan# 2830

Delta R.T. 0.006 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

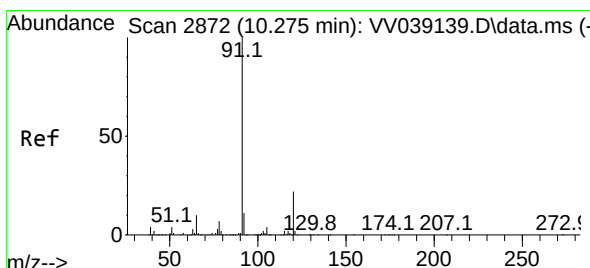
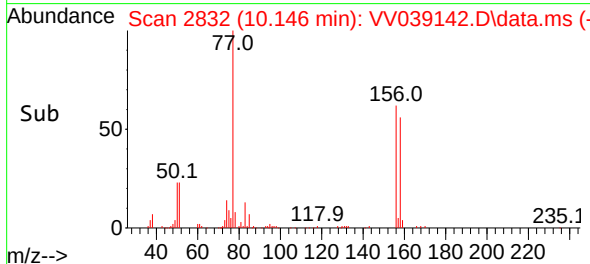
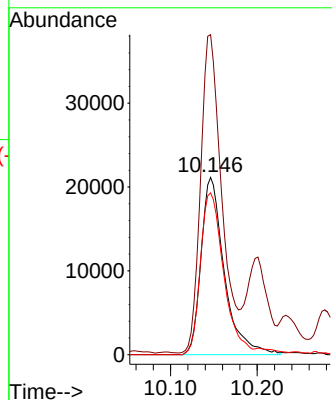
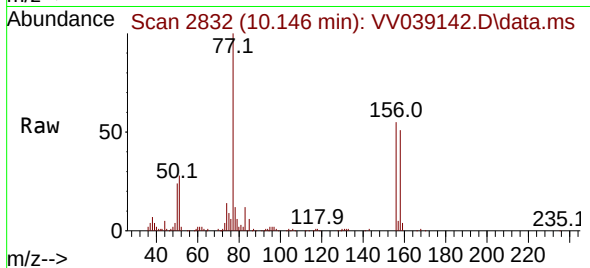
Tgt Ion:156 Resp: 39428

Ion Ratio Lower Upper

156 100

77 161.3 83.4 250.1

158 91.2 48.8 146.4



#78

n-propylbenzene

Concen: 4.492 ug/l

RT: 10.281 min Scan# 2874

Delta R.T. 0.006 min

Lab File: VV039142.D

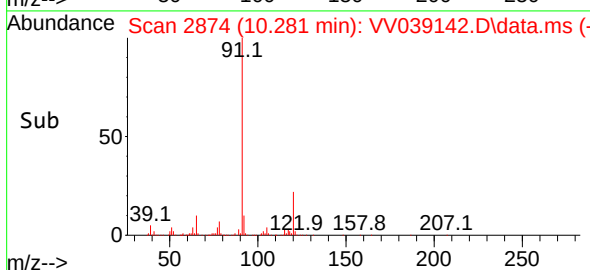
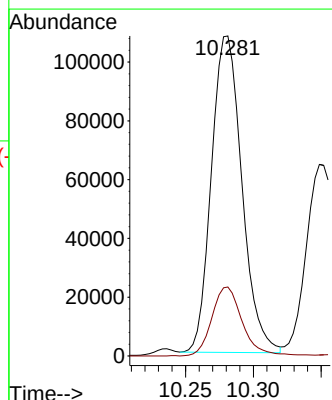
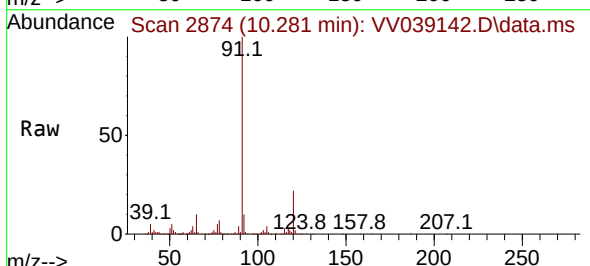
Acq: 22 Sep 2025 15:37

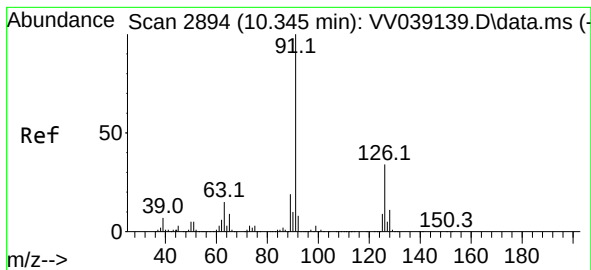
Tgt Ion: 91 Resp: 168794

Ion Ratio Lower Upper

91 100

120 21.9 11.1 33.3





#79

2-Chlorotoluene

Concen: 4.892 ug/l

RT: 10.349 min Scan# 2895

Delta R.T. 0.003 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

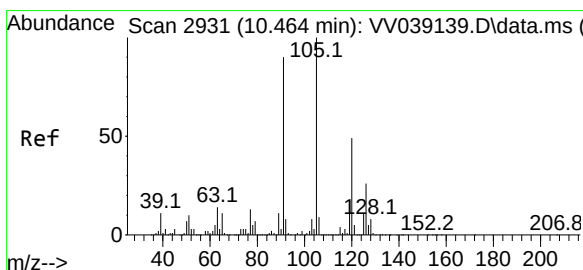
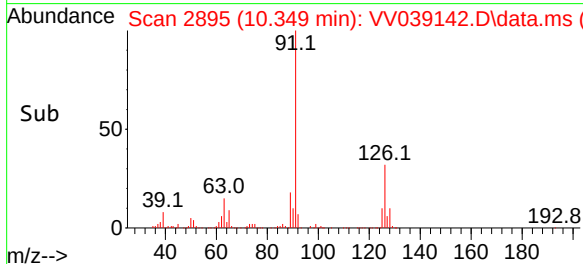
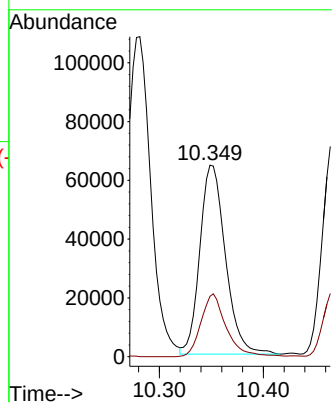
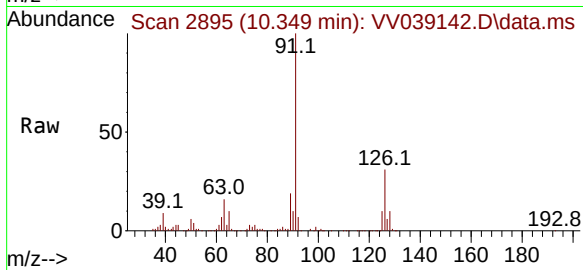
VSTDIC005

Tgt Ion: 91 Resp: 110002

Ion Ratio Lower Upper

91 100

126 32.7 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 4.474 ug/l

RT: 10.468 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV039142.D

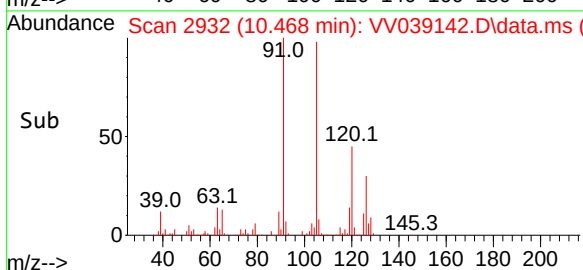
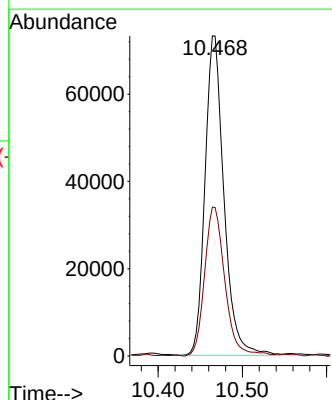
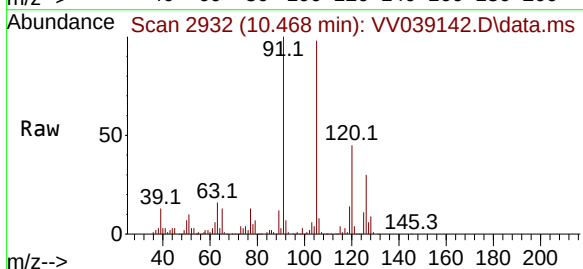
Acq: 22 Sep 2025 15:37

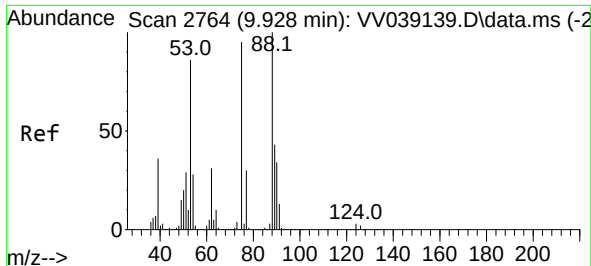
Tgt Ion: 105 Resp: 114749

Ion Ratio Lower Upper

105 100

120 49.8 24.3 72.8

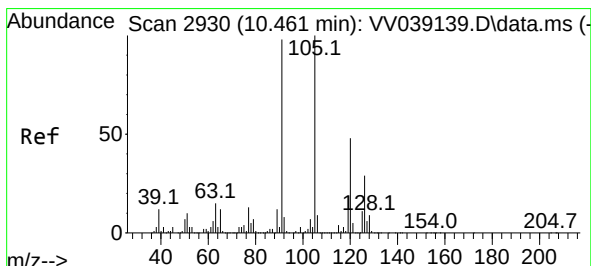
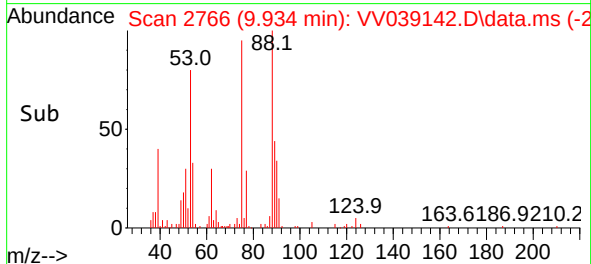
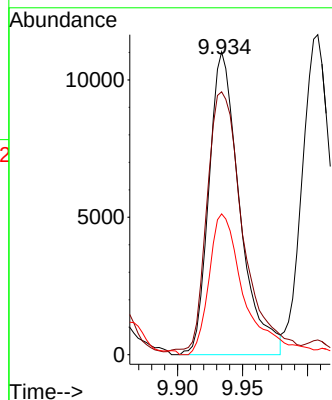
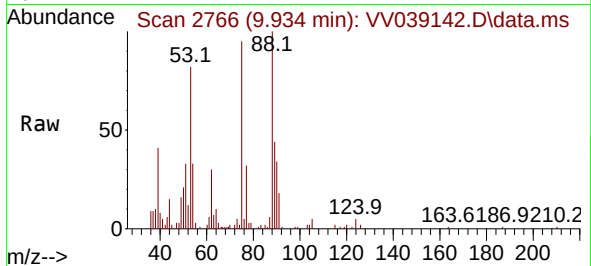




#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.499 ug/l
 RT: 9.934 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV039142.D
 Acq: 22 Sep 2025 15:37

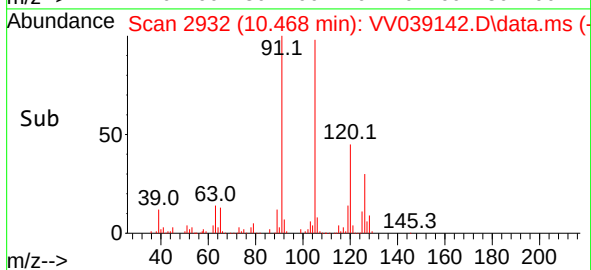
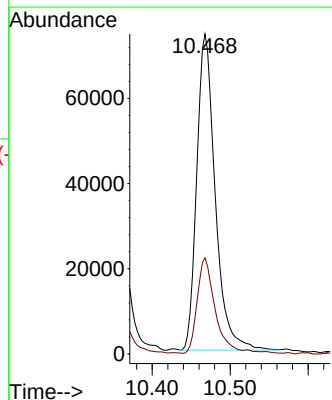
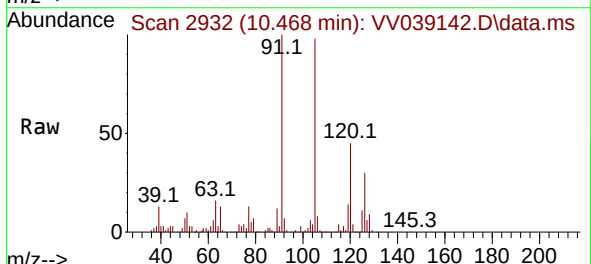
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

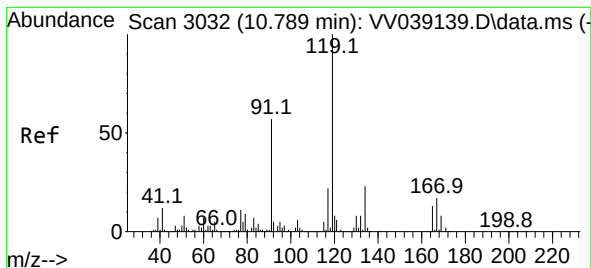
Tgt Ion: 75 Resp: 18154
 Ion Ratio Lower Upper
 75 100
 53 99.7 72.5 108.7
 89 53.4 37.2 55.8



#82
 4-Chlorotoluene
 Concen: 4.695 ug/l
 RT: 10.468 min Scan# 2932
 Delta R.T. 0.006 min
 Lab File: VV039142.D
 Acq: 22 Sep 2025 15:37

Tgt Ion: 91 Resp: 122429
 Ion Ratio Lower Upper
 91 100
 126 28.7 14.5 43.6





#83

tert-Butylbenzene

Concen: 4.586 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

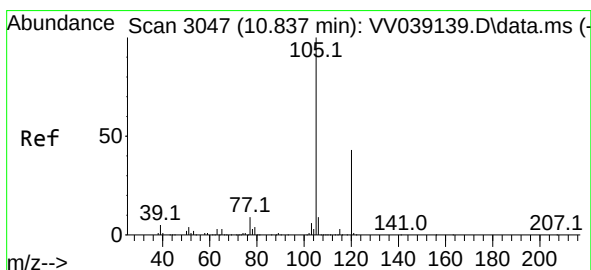
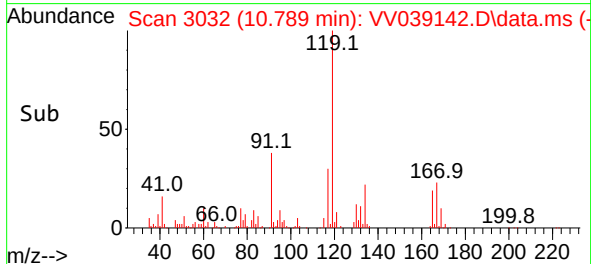
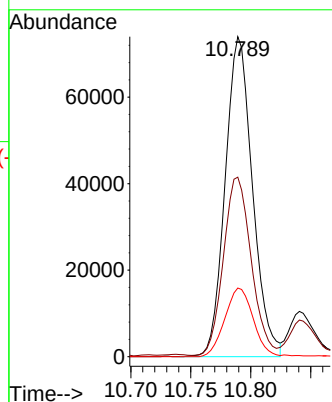
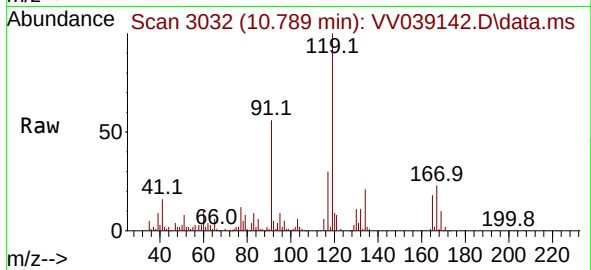
Tgt Ion:119 Resp: 117310

Ion Ratio Lower Upper

119 100

91 56.4 28.5 85.6

134 22.5 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 4.343 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039142.D

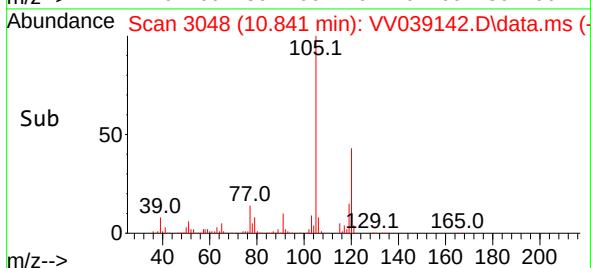
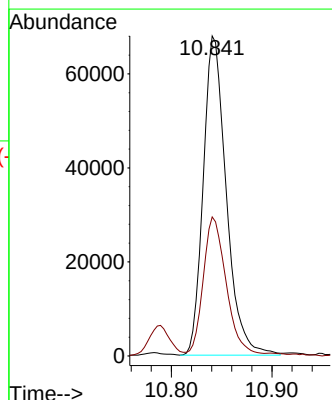
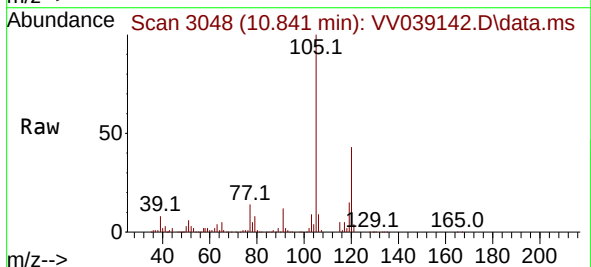
Acq: 22 Sep 2025 15:37

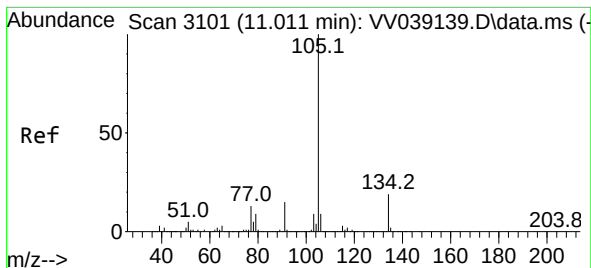
Tgt Ion:105 Resp: 108157

Ion Ratio Lower Upper

105 100

120 42.0 22.4 67.2





#85

sec-Butylbenzene

Concen: 4.525 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

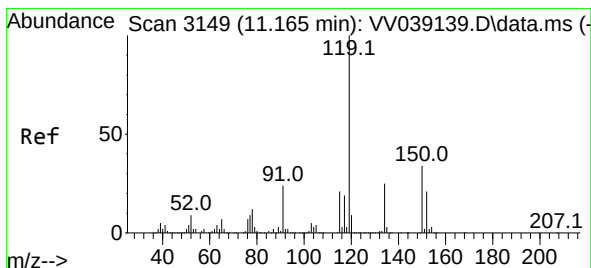
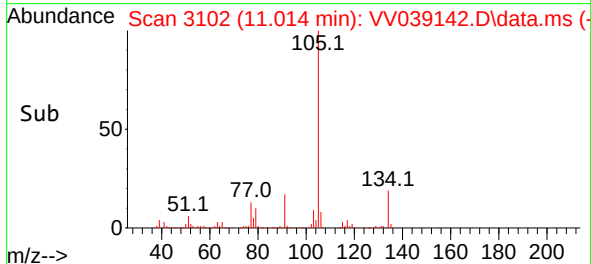
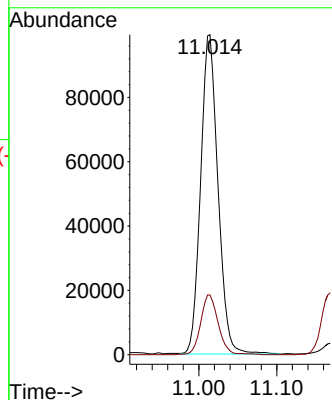
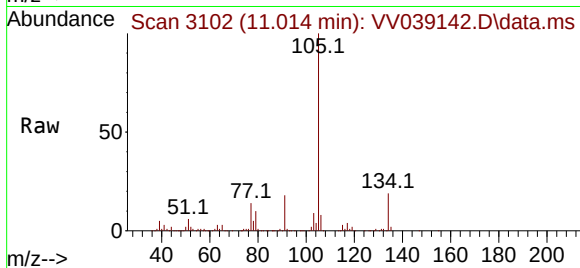
VSTDICC005

Tgt Ion:105 Resp: 153526

Ion Ratio Lower Upper

105 100

134 18.9 9.6 28.8



#86

p-Isopropyltoluene

Concen: 4.511 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

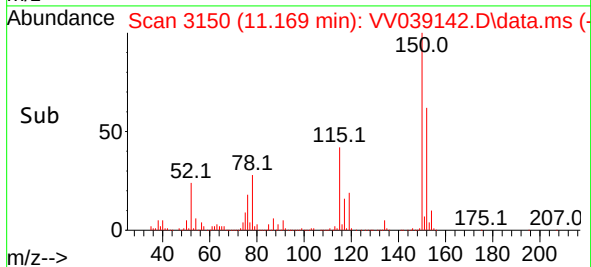
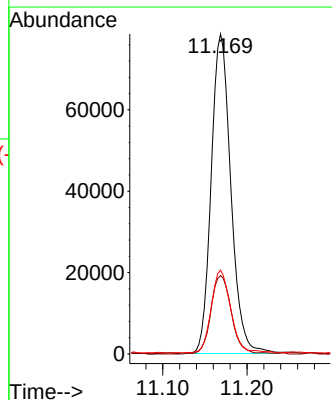
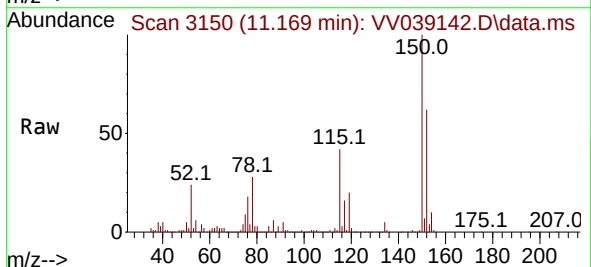
Tgt Ion:119 Resp: 127377

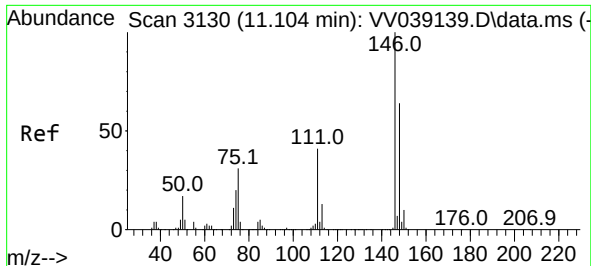
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 25.7 12.0 36.1

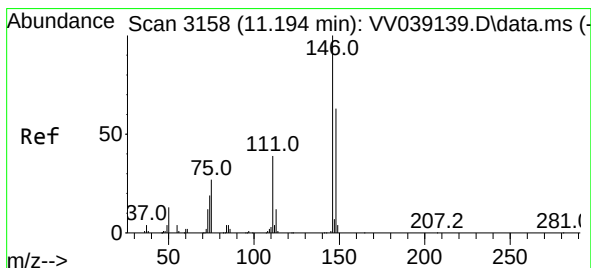
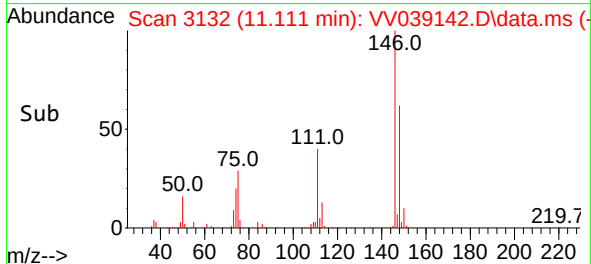
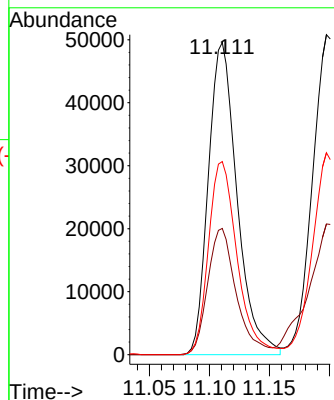
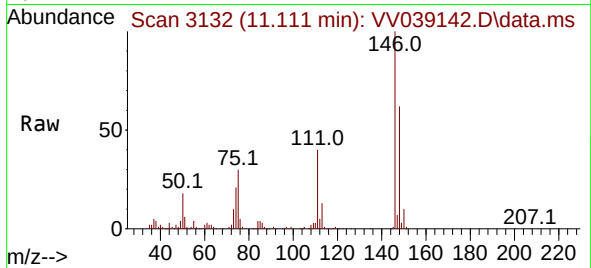




#87
1,3-Dichlorobenzene
Concen: 5.102 ug/l
RT: 11.111 min Scan# 3132
Delta R.T. 0.006 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

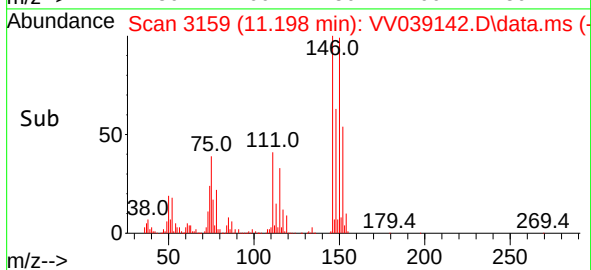
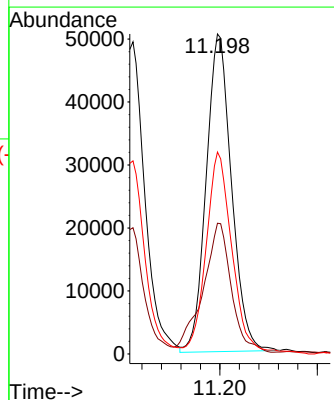
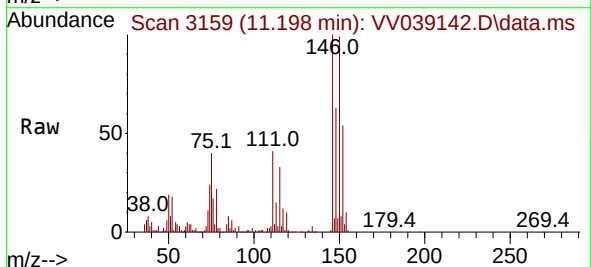
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

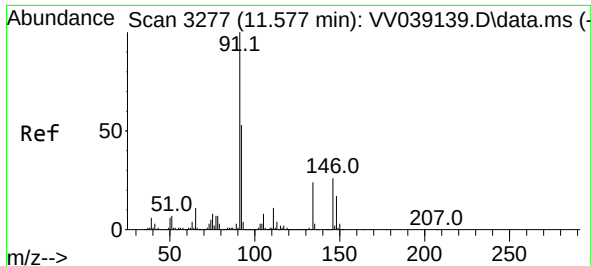
Tgt Ion:146 Resp: 82673
Ion Ratio Lower Upper
146 100
111 40.3 20.9 62.8
148 62.1 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 5.082 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039142.D
Acq: 22 Sep 2025 15:37

Tgt Ion:146 Resp: 91001
Ion Ratio Lower Upper
146 100
111 45.9 20.3 60.8
148 65.7 31.4 94.2





#89

n-Butylbenzene

Concen: 4.443 ug/l

RT: 11.583 min Scan# 3279

Delta R.T. 0.006 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

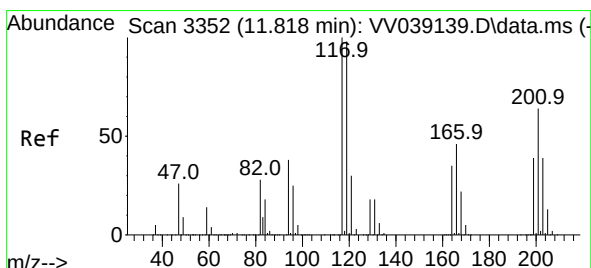
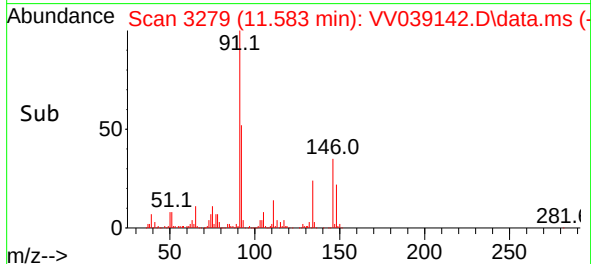
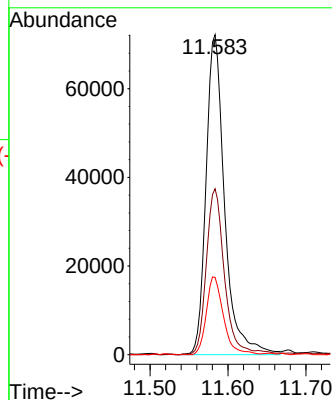
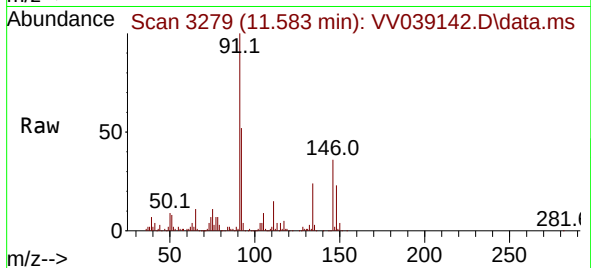
Tgt Ion: 91 Resp: 119822

Ion Ratio Lower Upper

91 100

92 49.9 26.6 79.8

134 22.4 12.1 36.3



#90

Hexachloroethane

Concen: 5.143 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. -0.000 min

Lab File: VV039142.D

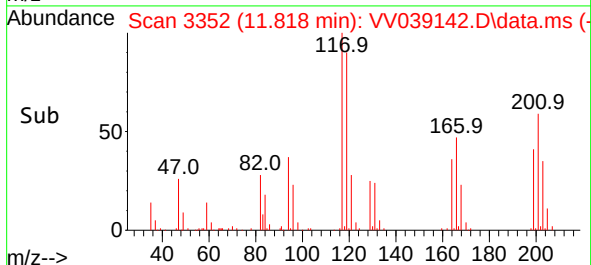
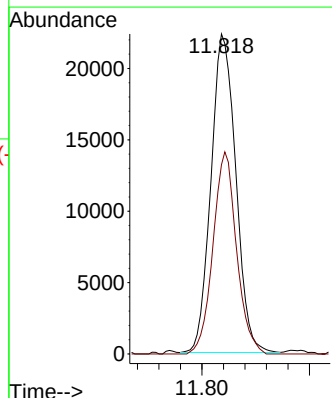
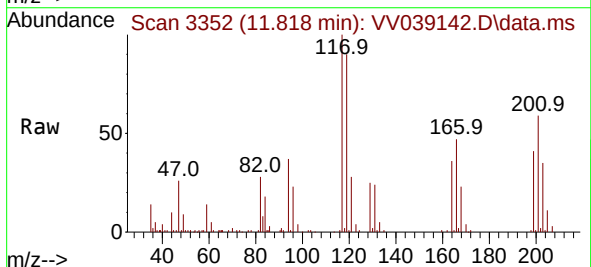
Acq: 22 Sep 2025 15:37

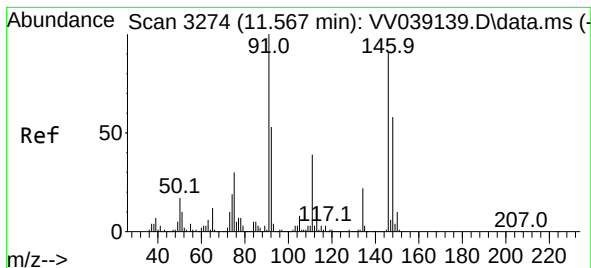
Tgt Ion: 117 Resp: 35762

Ion Ratio Lower Upper

117 100

201 60.2 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 5.052 ug/l

RT: 11.570 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

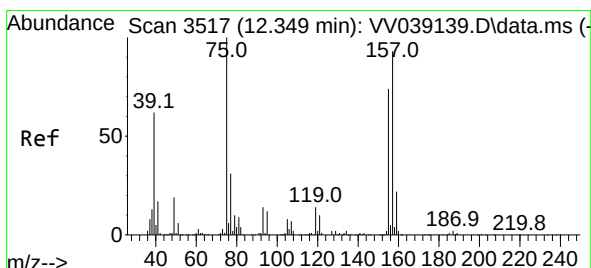
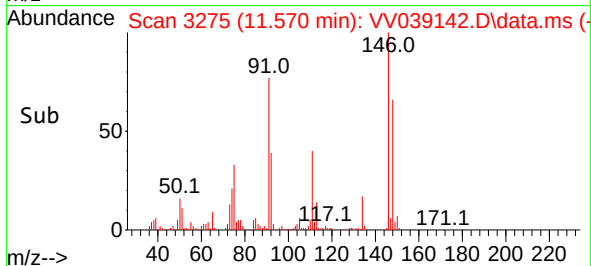
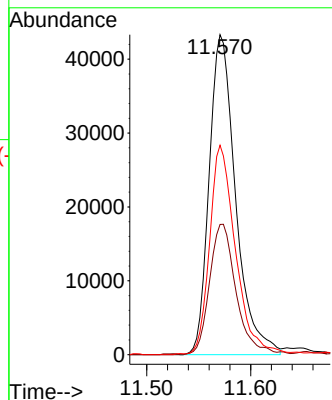
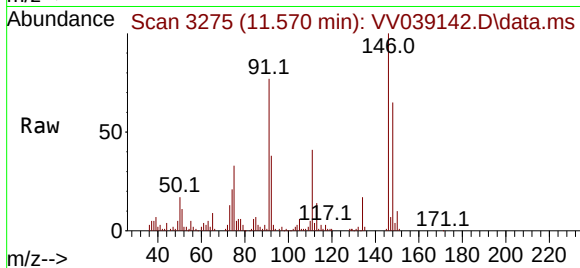
Tgt Ion:146 Resp: 76477

Ion Ratio Lower Upper

146 100

111 41.0 21.5 64.5

148 64.2 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.211 ug/l

RT: 12.358 min Scan# 3520

Delta R.T. 0.009 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

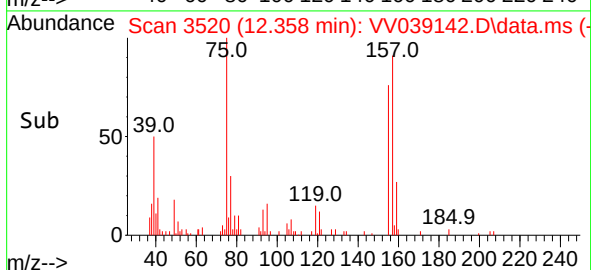
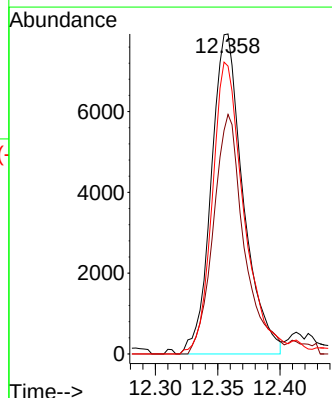
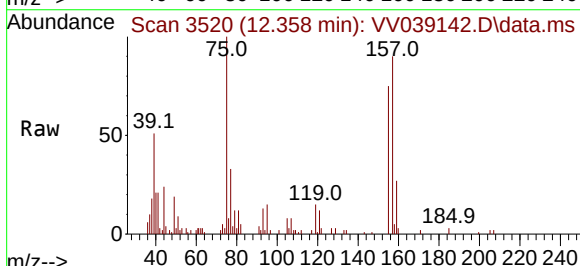
Tgt Ion: 75 Resp: 14163

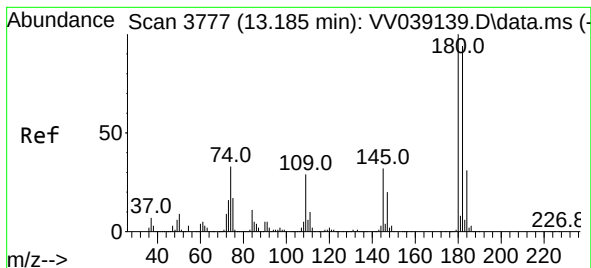
Ion Ratio Lower Upper

75 100

155 71.9 38.6 115.8

157 90.2 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 4.583 ug/l

RT: 13.191 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

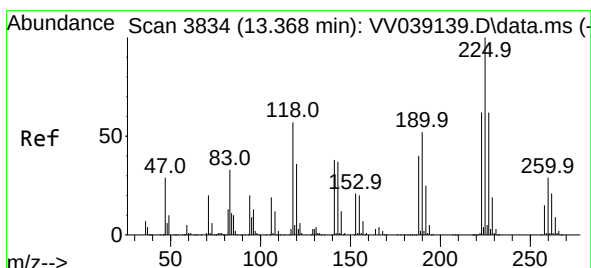
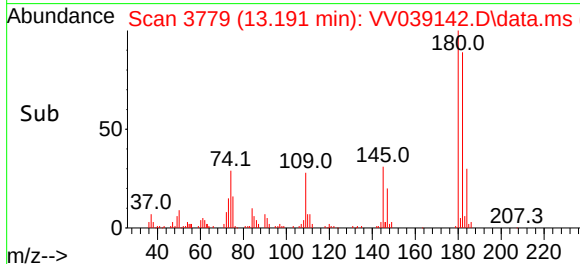
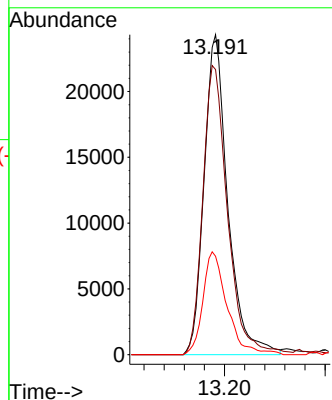
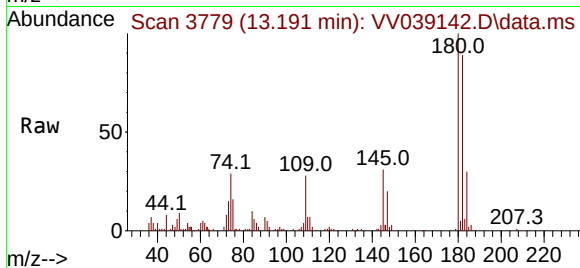
Tgt Ion:180 Resp: 39775

Ion Ratio Lower Upper

180 100

182 94.0 47.1 141.4

145 32.8 16.3 48.8



#94

Hexachlorobutadiene

Concen: 5.001 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

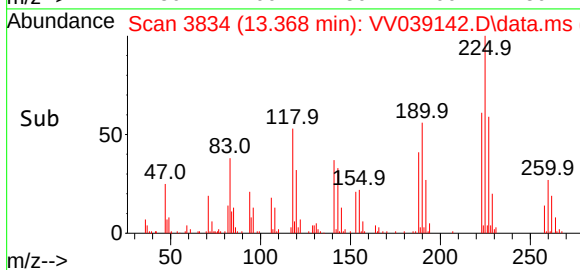
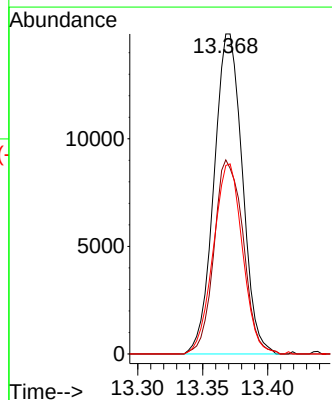
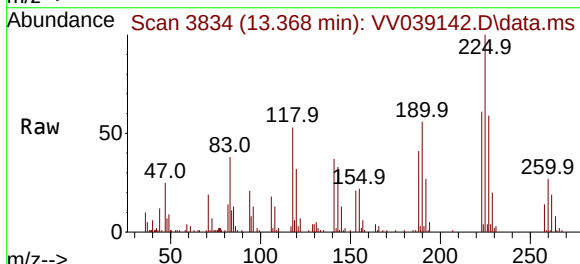
Tgt Ion:225 Resp: 22549

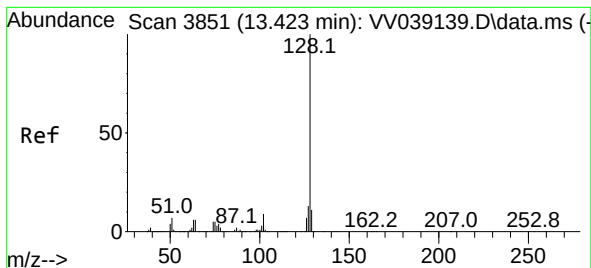
Ion Ratio Lower Upper

225 100

223 62.4 31.6 94.7

227 61.2 31.8 95.4





#95

Naphthalene

Concen: 4.062 ug/l

RT: 13.429 min Scan# 3851

Delta R.T. 0.006 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

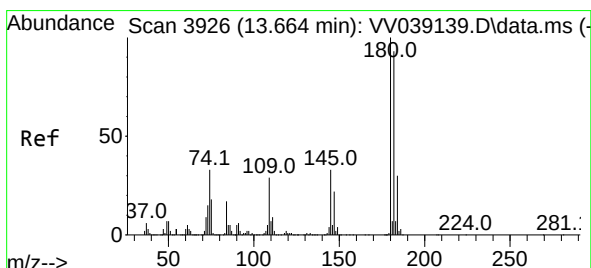
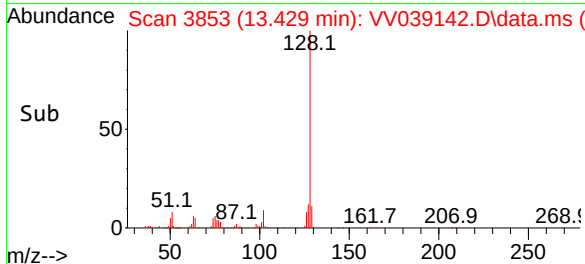
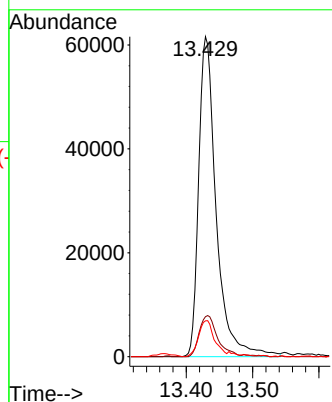
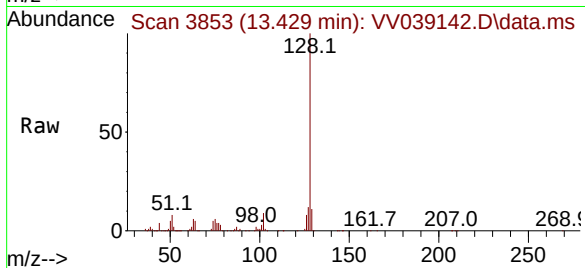
Tgt Ion:128 Resp: 113395

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 10.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.317 ug/l

RT: 13.670 min Scan# 3928

Delta R.T. 0.006 min

Lab File: VV039142.D

Acq: 22 Sep 2025 15:37

Tgt Ion:180 Resp: 38315

Ion Ratio Lower Upper

180 100

182 98.3 46.9 140.8

145 35.6 17.0 51.0

