

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039171.D
 Acq On : 25 Sep 2025 11:24
 Operator : SY/MD
 Sample : VV0925WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 26 01:21:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	557017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	898902	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	871912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	508947	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	363796	45.127	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	90.260%
35) Dibromofluoromethane	4.500	113	345732	47.843	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	95.680%
50) Toluene-d8	7.236	98	1017460	47.939	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	95.880%
62) 4-Bromofluorobenzene	10.001	95	447073	51.168	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	102.340%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	160404	18.191	ug/l	99
3) Chloromethane	1.230	50	180629	19.082	ug/l	99
4) Vinyl Chloride	1.298	62	196152	19.356	ug/l	99
5) Bromomethane	1.497	94	119487	18.704	ug/l	98
6) Chloroethane	1.561	64	122694	19.279	ug/l	97
7) Trichlorofluoromethane	1.725	101	284580	19.396	ug/l	98
8) Diethyl Ether	1.918	74	106026	19.466	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	174658	20.007	ug/l	97
10) Methyl Iodide	2.198	142	135972	16.356	ug/l	99
11) Tert butyl alcohol	2.571	59	187721	110.174	ug/l	99
12) 1,1-Dichloroethene	2.082	96	166976	19.882	ug/l	98
13) Acrolein	2.011	56	34025	115.083	ug/l	98
14) Allyl chloride	2.359	41	286242	19.080	ug/l	98
15) Acrylonitrile	2.677	53	538540	98.597	ug/l	100
16) Acetone	2.121	43	476447	89.017	ug/l	97
17) Carbon Disulfide	2.253	76	487416	18.977	ug/l	99
18) Methyl Acetate	2.381	43	252836	21.167	ug/l	98
19) Methyl tert-butyl Ether	2.716	73	535106	19.995	ug/l	99
20) Methylene Chloride	2.458	84	192332	20.555	ug/l	95
21) trans-1,2-Dichloroethene	2.703	96	176159	19.703	ug/l	96
22) Diisopropyl ether	3.220	45	549959	19.161	ug/l	99
23) Vinyl Acetate	3.191	43	2415006	96.182	ug/l	98
24) 1,1-Dichloroethane	3.117	63	339160	19.322	ug/l	98
25) 2-Butanone	3.873	43	626977	97.122	ug/l	99
26) 2,2-Dichloropropane	3.812	77	266277	17.109	ug/l	98
27) cis-1,2-Dichloroethene	3.822	96	191963	19.468	ug/l	98
28) Bromochloromethane	4.150	49	158654	20.475	ug/l	97
29) Tetrahydrofuran	4.240	42	407358	100.814	ug/l	98
30) Chloroform	4.281	83	352541	19.234	ug/l	97
31) Cyclohexane	4.587	56	262018	18.223	ug/l	94
32) 1,1,1-Trichloroethane	4.513	97	301922	19.027	ug/l	98
36) 1,1-Dichloropropene	4.744	75	210259	19.244	ug/l	98
37) Ethyl Acetate	3.986	43	249892	18.849	ug/l	99
38) Carbon Tetrachloride	4.735	117	258780	19.380	ug/l	96
39) Methylcyclohexane	6.047	83	253234	19.193	ug/l	98
40) Benzene	5.011	78	706824	19.867	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	101017	18.119	ug/l	92
42) 1,2-Dichloroethane	5.043	62	243861	19.562	ug/l	99
43) Isopropyl Acetate	5.198	43	354785	19.627	ug/l	99
44) Trichloroethene	5.834	130	167082	20.352	ug/l	99
45) 1,2-Dichloropropane	6.092	63	181382	20.511	ug/l	96
46) Dibromomethane	6.227	93	135579	20.031	ug/l	98
47) Bromodichloromethane	6.429	83	269985	19.295	ug/l	100
48) Methyl methacrylate	6.301	41	154615	18.869	ug/l	97
49) 1,4-Dioxane	6.294	88	55817	422.109	ug/l	98
51) 4-Methyl-2-Pentanone	7.149	43	1295291	108.921	ug/l	99
52) Toluene	7.310	92	442966	21.474	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	244520	20.052	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	272587	20.249	ug/l	98
55) 1,1,2-Trichloroethane	7.764	97	184964	19.997	ug/l	95
56) Ethyl methacrylate	7.719	69	220741	20.096	ug/l	97
57) 1,3-Dichloropropane	7.937	76	293432	20.102	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.815	63	541689	93.599	ug/l	99
59) 2-Hexanone	8.066	43	942254	99.572	ug/l	99
60) Dibromochloromethane	8.169	129	212792	20.190	ug/l	100
61) 1,2-Dibromoethane	8.275	107	195149	20.631	ug/l	99
64) Tetrachloroethene	7.899	164	147205	20.157	ug/l	95
65) Chlorobenzene	8.805	112	488359	20.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	174648	19.902	ug/l	100
67) Ethyl Benzene	8.937	91	736424	20.032	ug/l	99
68) m/p-Xylenes	9.063	106	611502	43.097	ug/l	100
69) o-Xylene	9.468	106	263271	20.955	ug/l	99
70) Styrene	9.487	104	489732	19.311	ug/l	99
71) Bromoform	9.654	173	140287	20.466	ug/l #	98
73) Isopropylbenzene	9.857	105	759505	20.575	ug/l	100
74) N-amyl acetate	9.725	43	297254	20.188	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	313809	19.402	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	227880	19.665	ug/l	98
77) Bromobenzene	10.143	156	194148	20.272	ug/l	97
78) n-propylbenzene	10.278	91	917928	20.420	ug/l	99
79) 2-Chlorotoluene	10.349	91	569887	21.187	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	649406	21.165	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	93631	19.398	ug/l	98
82) 4-Chlorotoluene	10.464	91	658860	21.124	ug/l	100
83) tert-Butylbenzene	10.789	119	599275	19.587	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	634517	21.301	ug/l	100
85) sec-Butylbenzene	11.014	105	814764	20.078	ug/l	99
86) p-Isopropyltoluene	11.169	119	692579	20.505	ug/l	99
87) 1,3-Dichlorobenzene	11.108	146	380476	19.629	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	400938	18.854	ug/l	99
89) n-Butylbenzene	11.580	91	629906	19.528	ug/l	98
90) Hexachloroethane	11.821	117	153004	18.396	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	359391	19.846	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	63577	22.105	ug/l	98
93) 1,2,4-Trichlorobenzene	13.185	180	198844	19.155	ug/l	98
94) Hexachlorobutadiene	13.368	225	100713	18.672	ug/l	99
95) Naphthalene	13.426	128	654241	19.499	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	210809	19.856	ug/l	99

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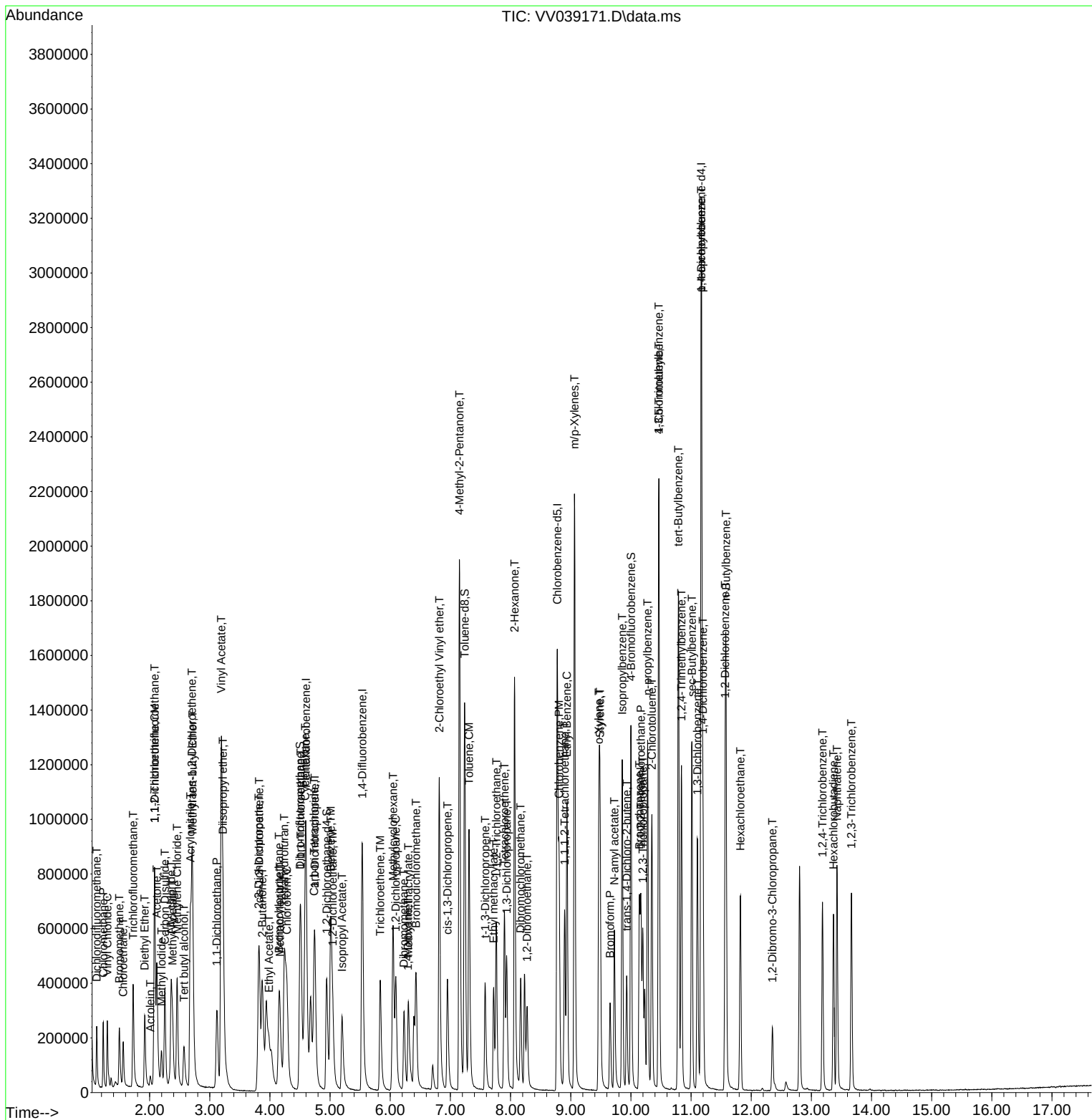
Instrument :
MSVOA_V
ClientSampleId :

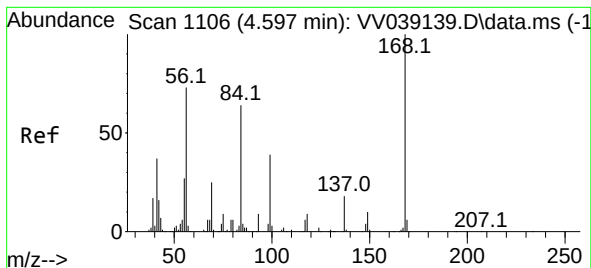
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Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

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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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

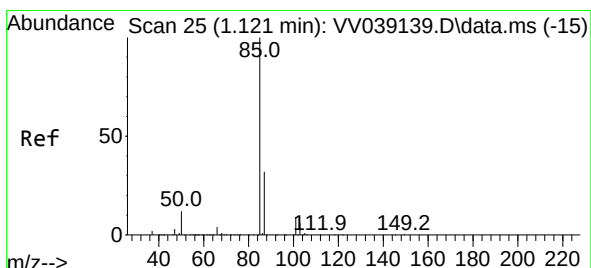
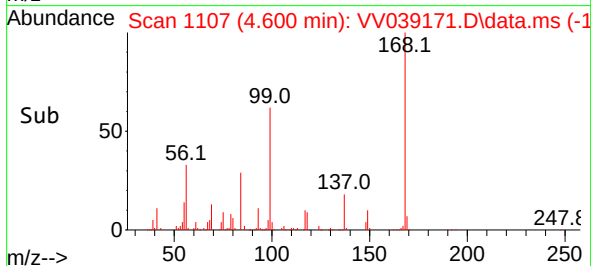
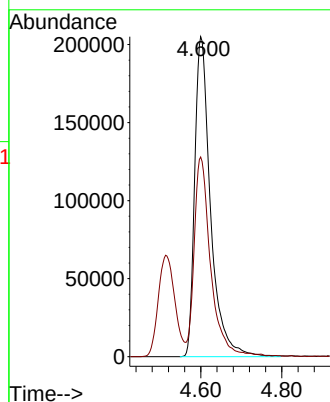
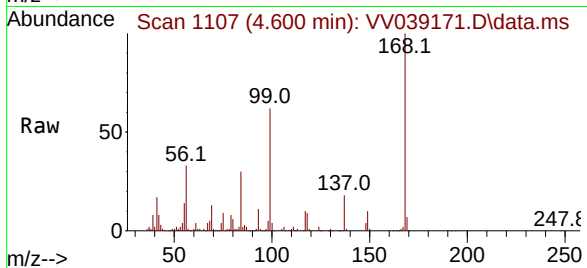
ClientSampleId :

Tgt Ion:168 Resp: 557017

Ion Ratio Lower Upper

168 100

99 62.1 49.6 74.4



#2

Dichlorodifluoromethane

Concen: 18.191 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039171.D

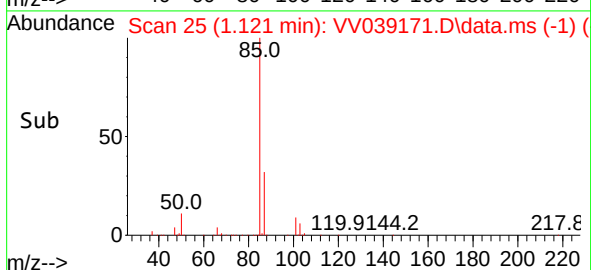
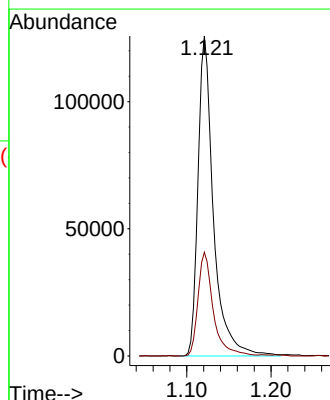
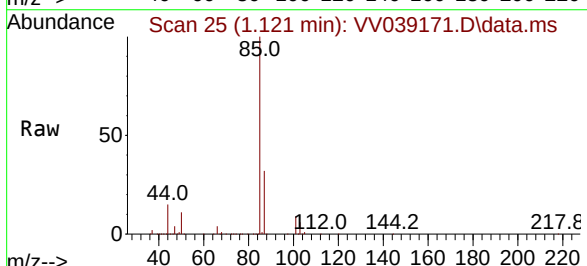
Acq: 25 Sep 2025 11:24

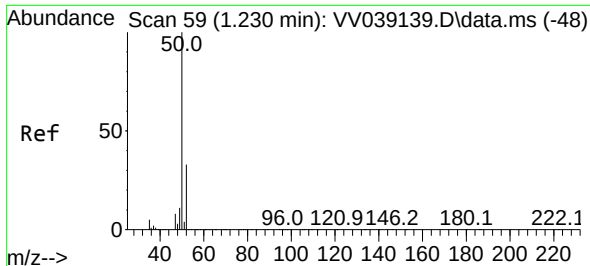
Tgt Ion: 85 Resp: 160404

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9

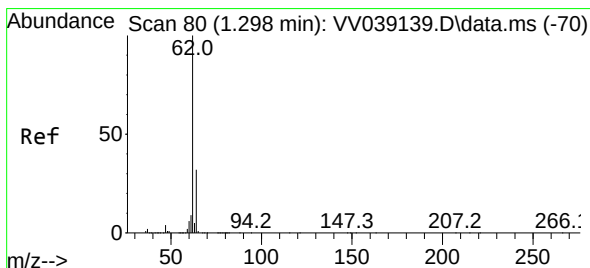
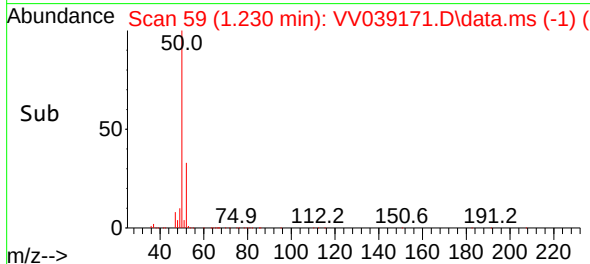
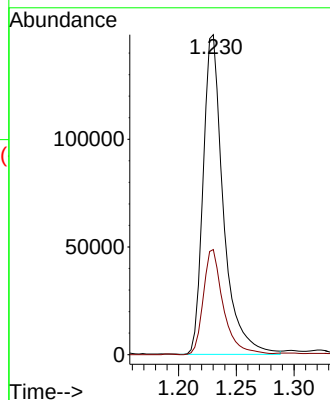
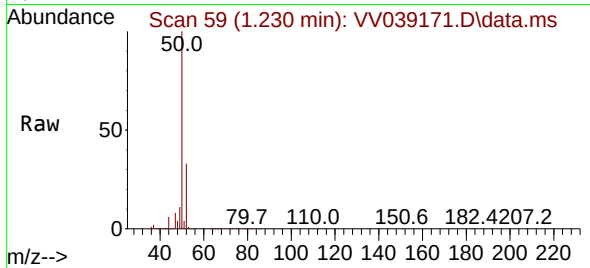




#3
Chloromethane
Concen: 19.082 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039171.D
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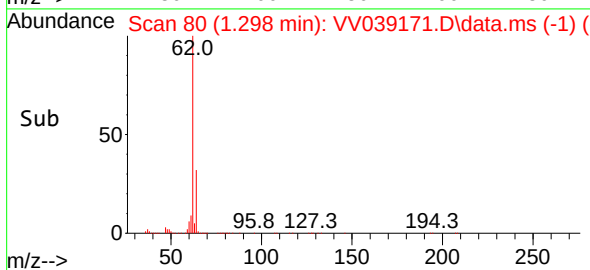
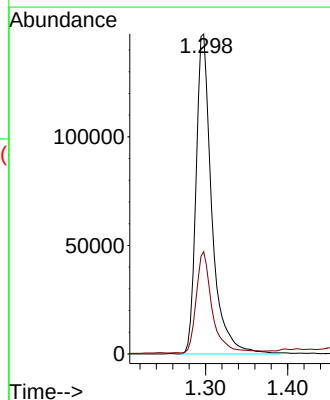
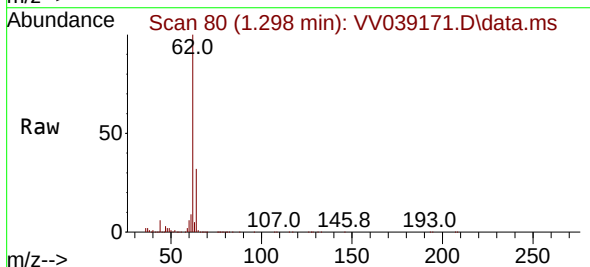
Instrument :
MSVOA_V
ClientSampleId :

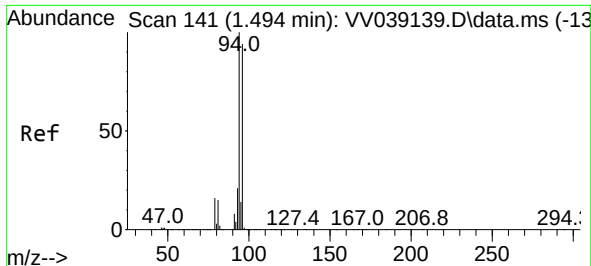
Tgt Ion: 50 Resp: 180629
Ion Ratio Lower Upper
50 100
52 32.9 26.0 39.0



#4
Vinyl Chloride
Concen: 19.356 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 62 Resp: 196152
Ion Ratio Lower Upper
62 100
64 31.6 25.6 38.4

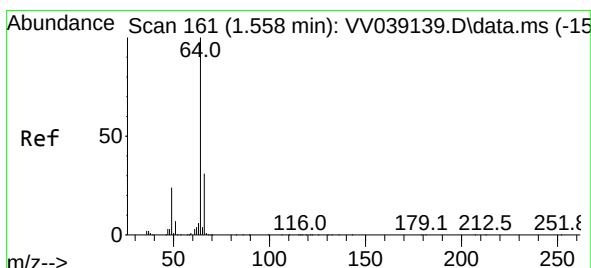
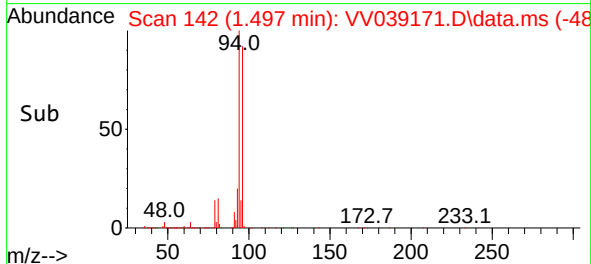
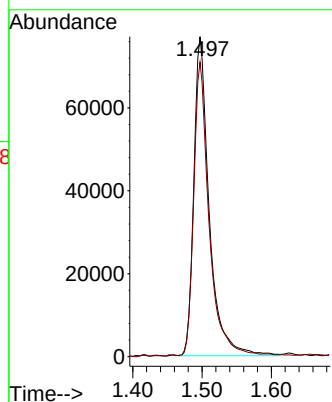
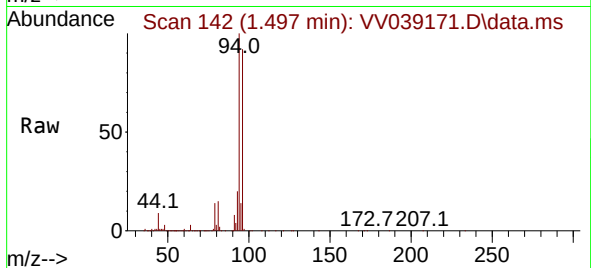




#5
Bromomethane
Concen: 18.704 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

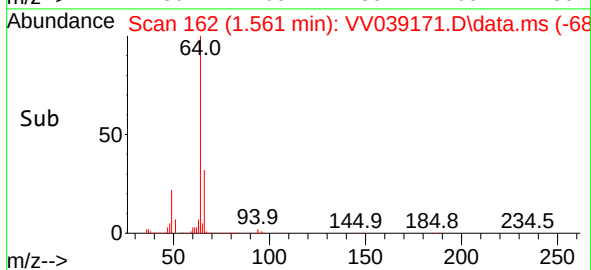
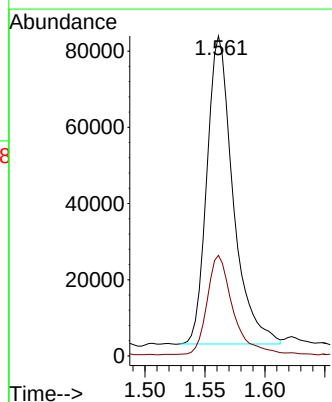
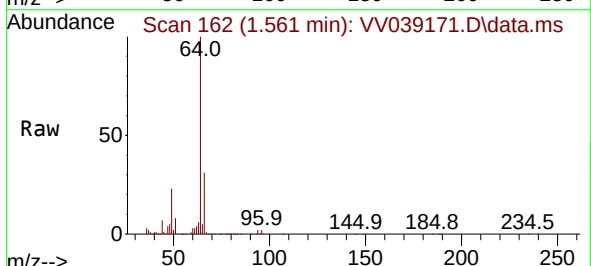
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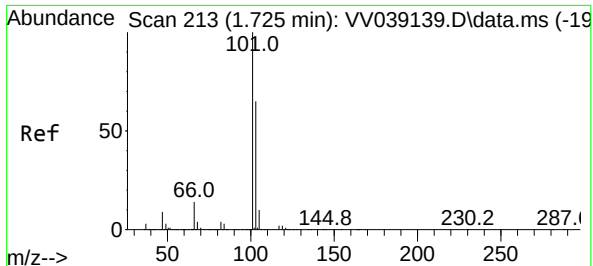
Tgt Ion: 94 Resp: 119487
Ion Ratio Lower Upper
94 100
96 91.8 74.9 112.3



#6
Chloroethane
Concen: 19.279 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 64 Resp: 122694
Ion Ratio Lower Upper
64 100
66 32.1 24.6 36.8

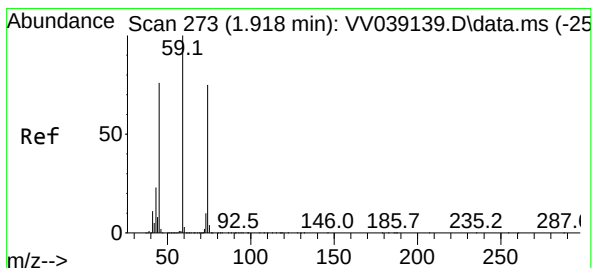
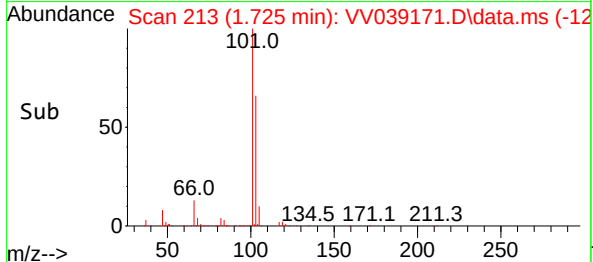
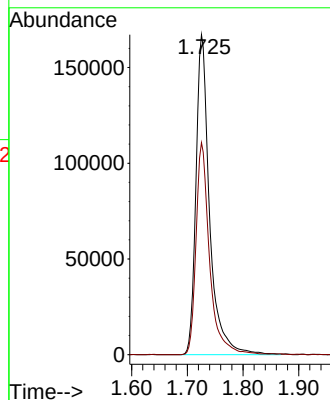
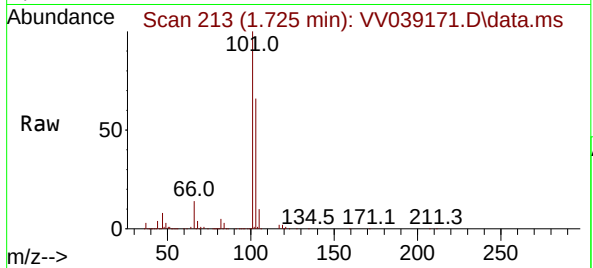




#7
 Trichlorofluoromethane
 Concen: 19.396 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039171.D
 Acq: 25 Sep 2025 11:24

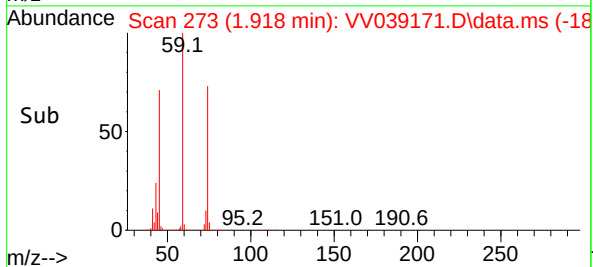
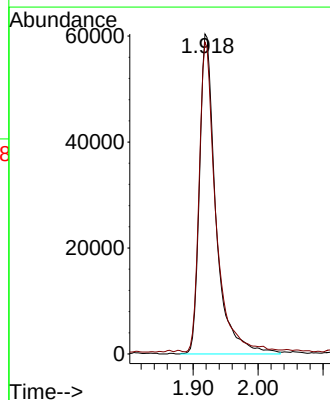
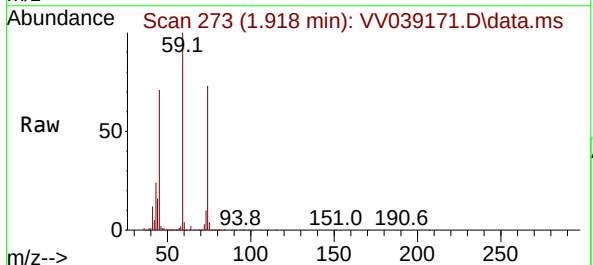
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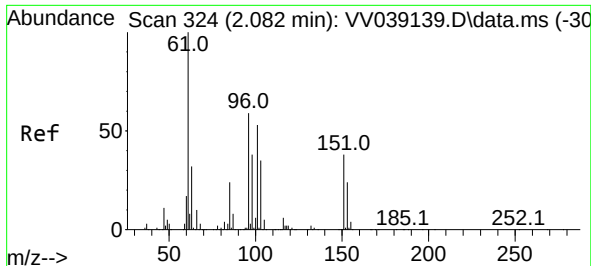
Tgt Ion:101 Resp: 284580
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.0 78.0



#8
 Diethyl Ether
 Concen: 19.466 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039171.D
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Tgt Ion: 74 Resp: 106026
 Ion Ratio Lower Upper
 74 100
 45 97.8 49.6 148.8

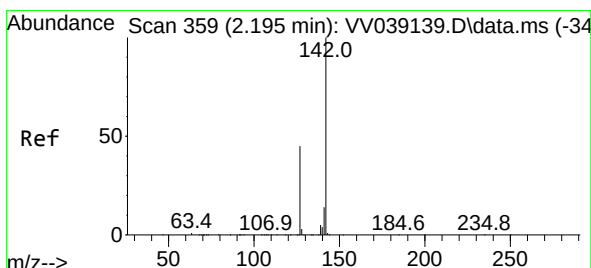
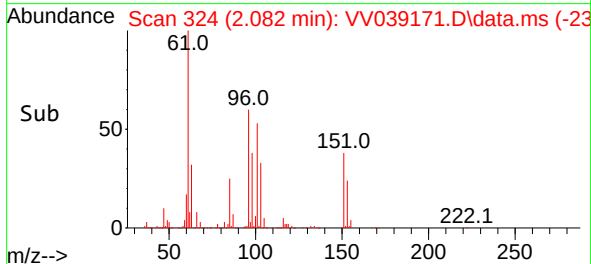
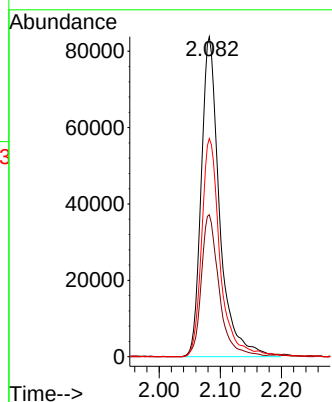
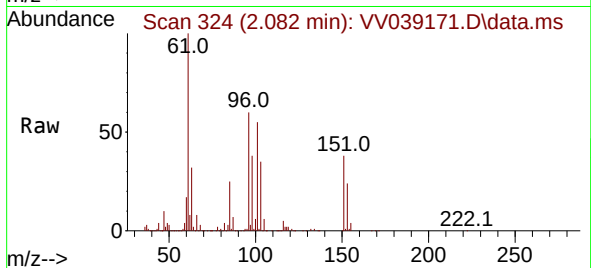




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.007 ug/l
RT: 2.082 min Scan# 31
Delta R.T. -0.000 min
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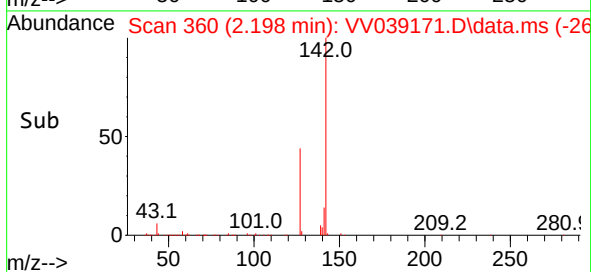
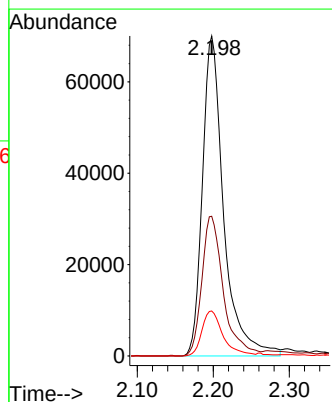
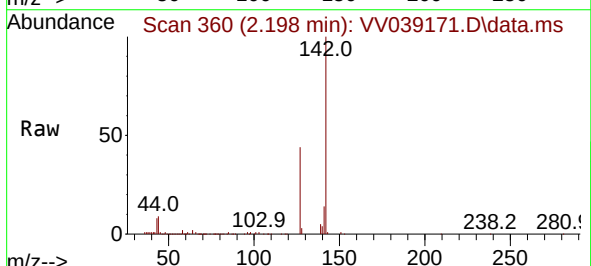
Instrument :
MSVOA_V
ClientSampleId :

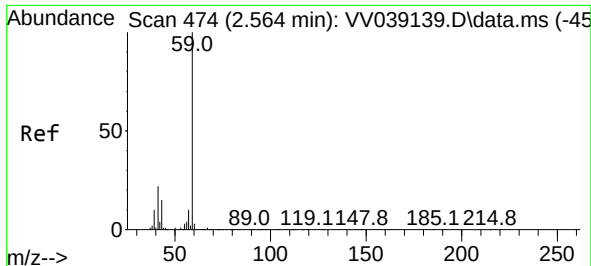
Tgt Ion:101 Resp: 174658
Ion Ratio Lower Upper
101 100
85 43.4 36.2 54.2
151 67.4 56.3 84.5



#10
Methyl Iodide
Concen: 16.356 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion:142 Resp: 135972
Ion Ratio Lower Upper
142 100
127 44.3 36.3 54.5
141 14.0 11.2 16.8

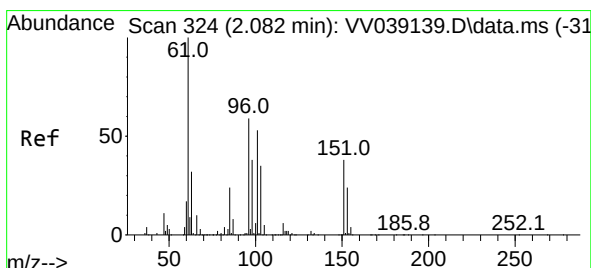
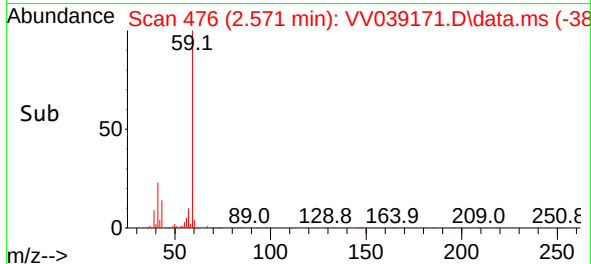
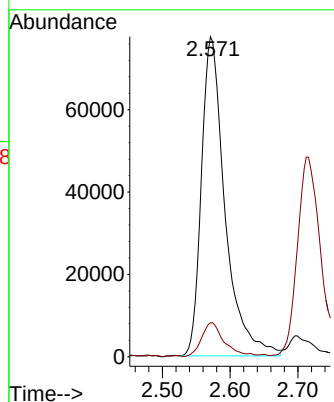
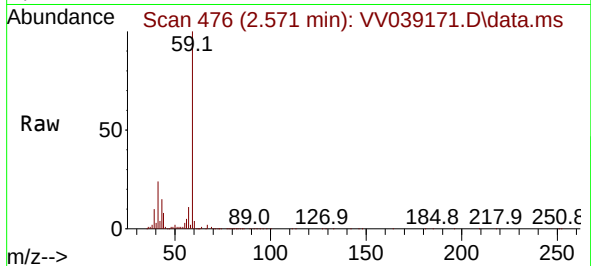




#11
Tert butyl alcohol
Concen: 110.174 ug/l
RT: 2.571 min Scan# 474
Delta R.T. 0.006 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

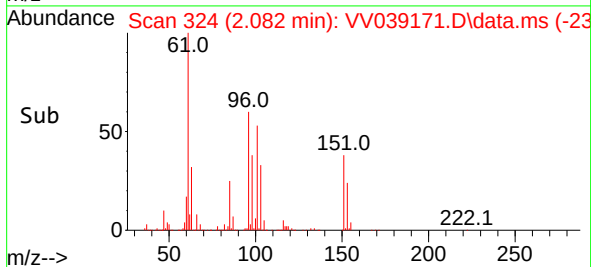
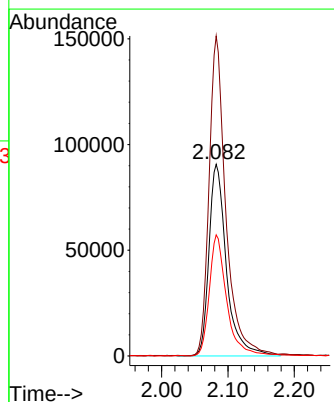
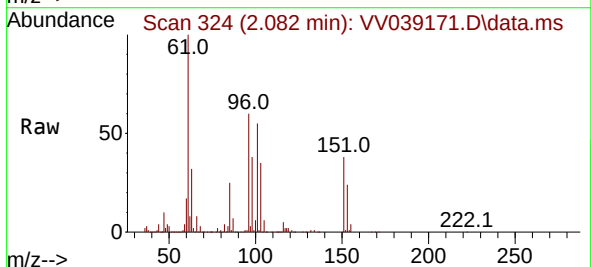
Instrument :
MSVOA_V
ClientSampleId :

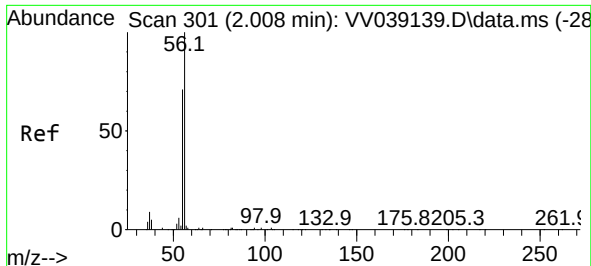
Tgt Ion: 59 Resp: 187721
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 19.882 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 96 Resp: 166976
Ion Ratio Lower Upper
96 100
61 166.7 136.0 204.0
98 63.0 51.0 76.6

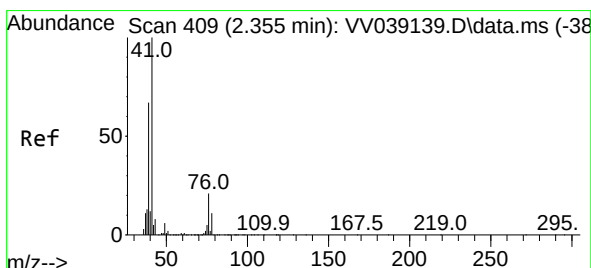
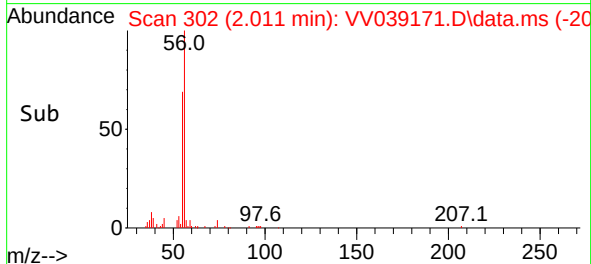
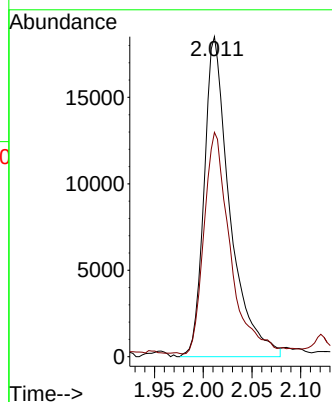
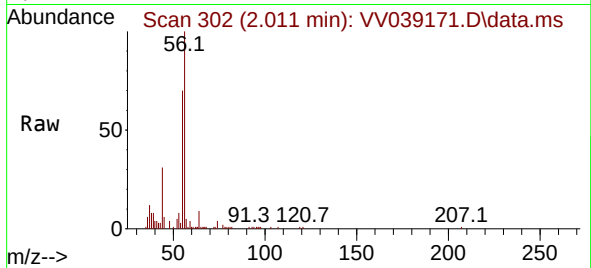




#13
Acrolein
Concen: 115.083 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

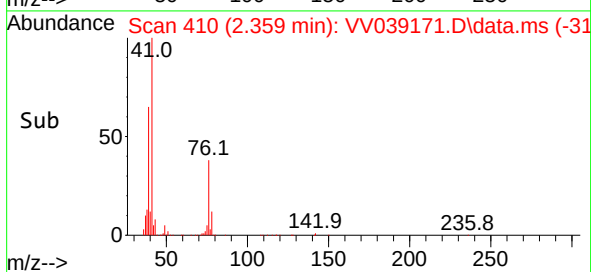
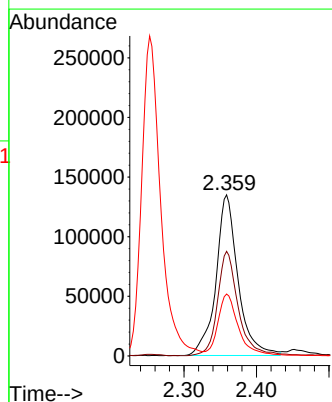
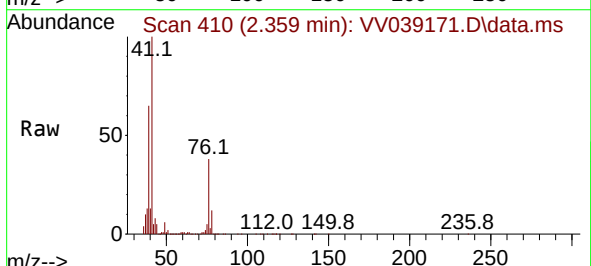
Instrument :
MSVOA_V
ClientSampleId :

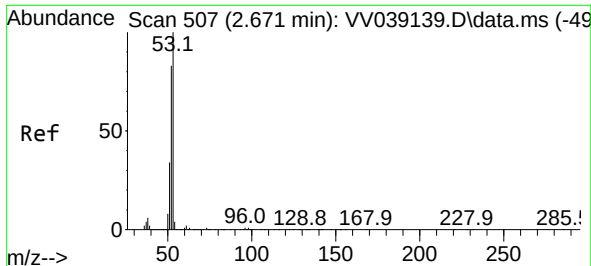
Tgt Ion: 56 Resp: 34025
Ion Ratio Lower Upper
56 100
55 71.6 56.2 84.4



#14
Allyl chloride
Concen: 19.080 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

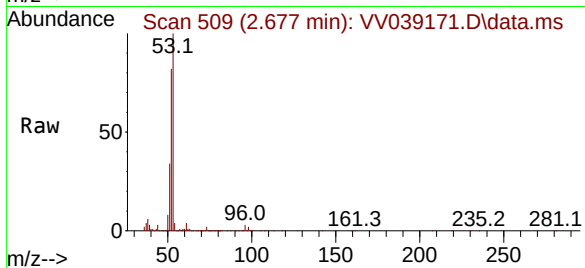
Tgt Ion: 41 Resp: 286242
Ion Ratio Lower Upper
41 100
39 61.0 51.0 76.6
76 35.6 28.2 42.4



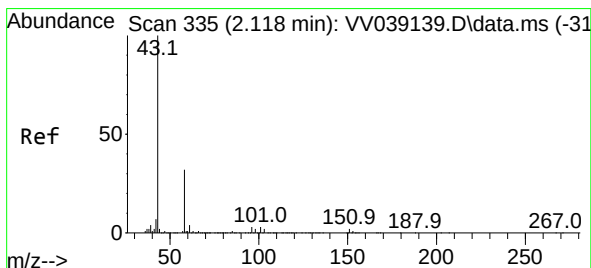
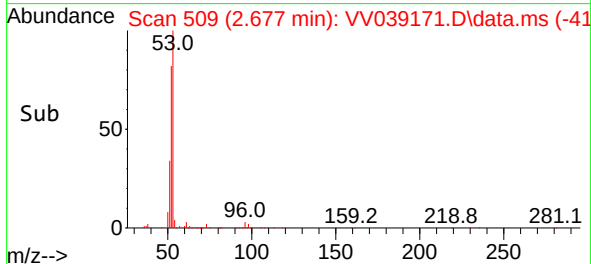
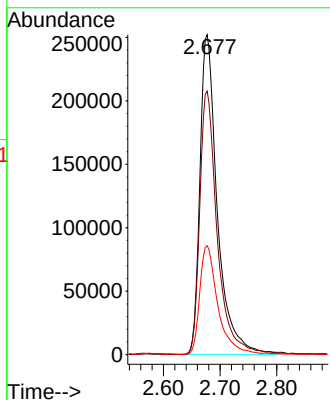


#15
Acrylonitrile
Concen: 98.597 ug/l
RT: 2.677 min Scan# 507
Delta R.T. 0.006 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Instrument :
MSVOA_V
ClientSampleId :

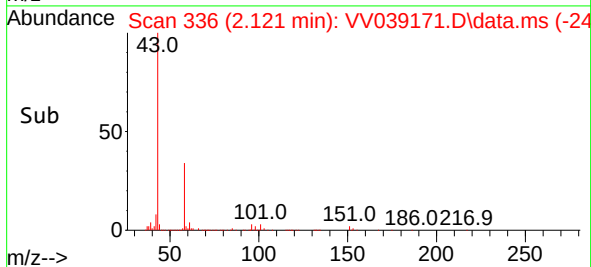
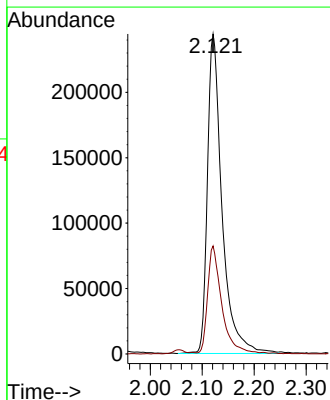
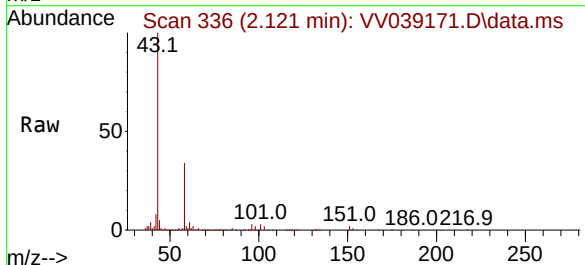


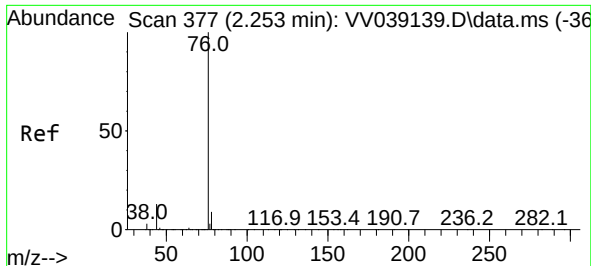
Tgt Ion: 53 Resp: 538540
Ion Ratio Lower Upper
53 100
52 82.8 66.1 99.1
51 35.2 28.5 42.7



#16
Acetone
Concen: 89.017 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 43 Resp: 476447
Ion Ratio Lower Upper
43 100
58 33.7 25.8 38.6

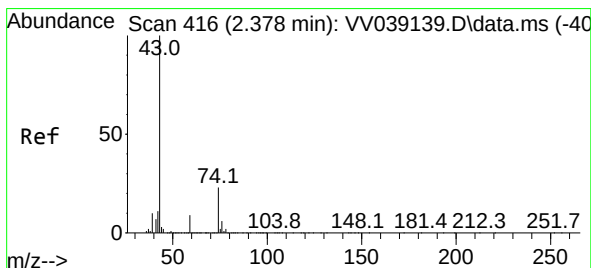
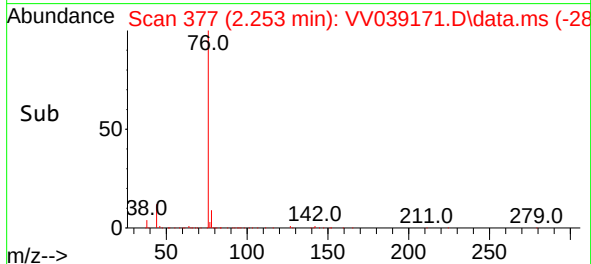
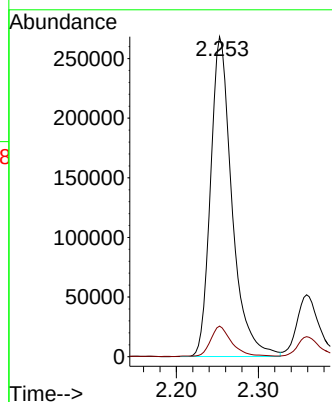
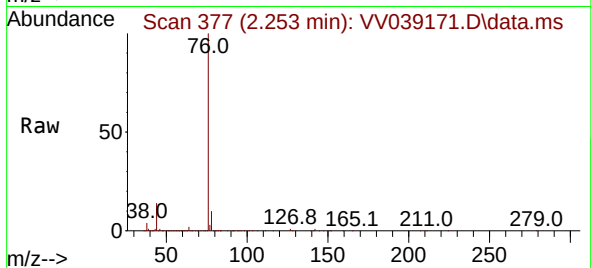




#17
Carbon Disulfide
Concen: 18.977 ug/l
RT: 2.253 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

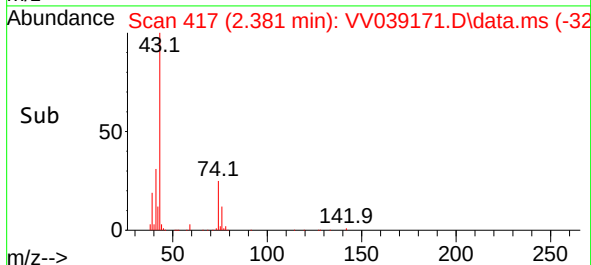
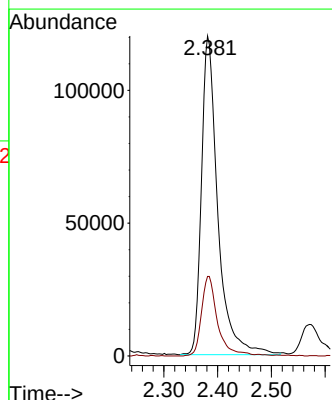
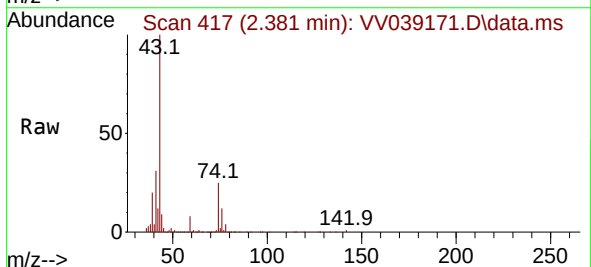
Instrument :
MSVOA_V
ClientSampleId :

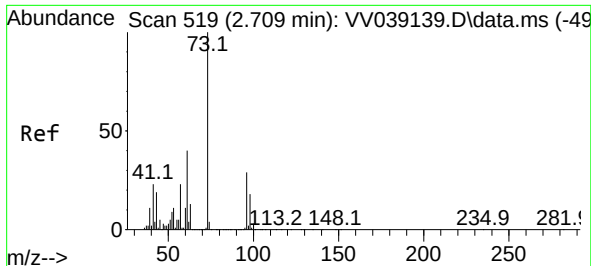
Tgt Ion: 76 Resp: 487416
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 21.167 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 43 Resp: 252836
Ion Ratio Lower Upper
43 100
74 24.4 18.6 27.8

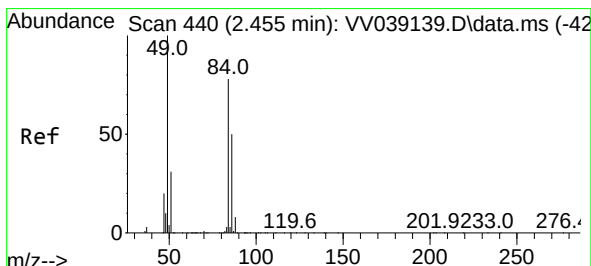
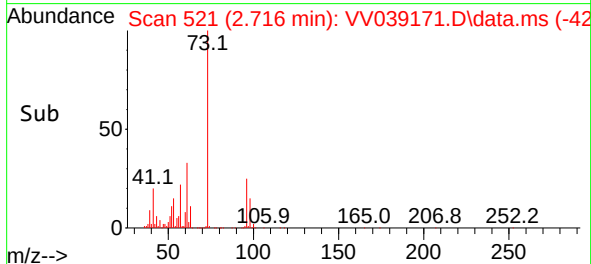
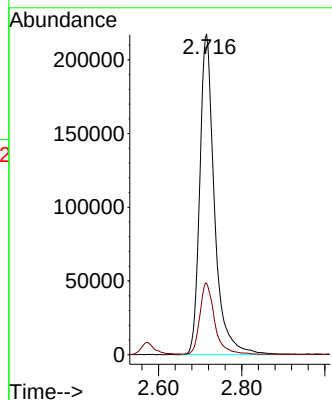
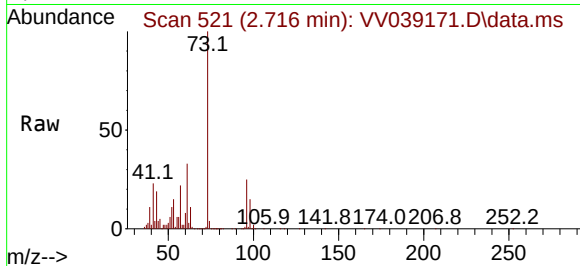




#19
Methyl tert-butyl Ether
Concen: 19.995 ug/l
RT: 2.716 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

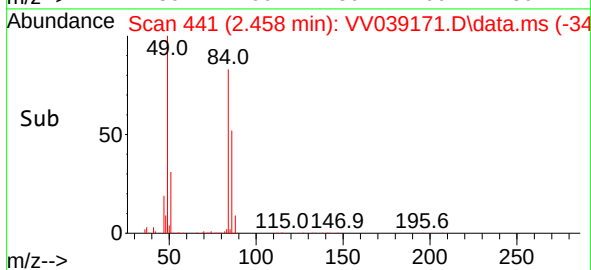
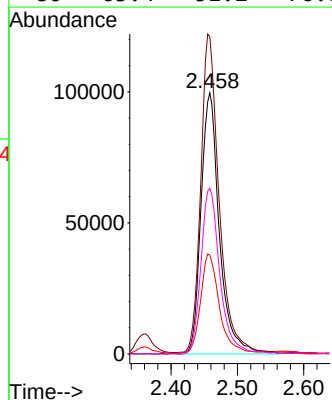
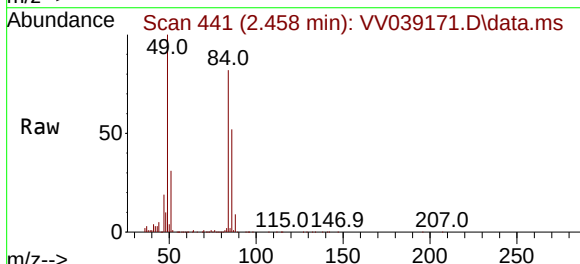
Instrument :
MSVOA_V
ClientSampleId :

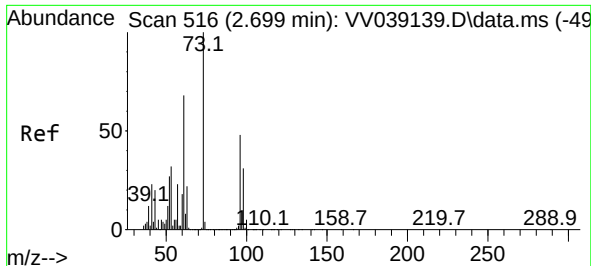
Tgt Ion: 73 Resp: 535106
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4



#20
Methylene Chloride
Concen: 20.555 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 84 Resp: 192332
Ion Ratio Lower Upper
84 100
49 120.8 102.8 154.2
51 37.5 31.9 47.9
86 63.4 51.2 76.8

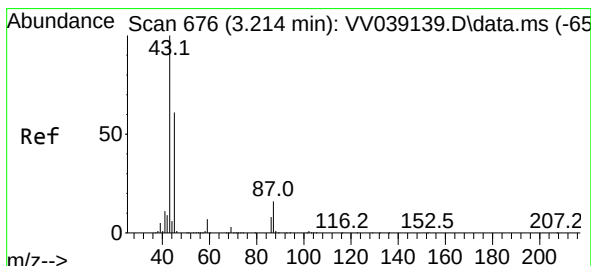
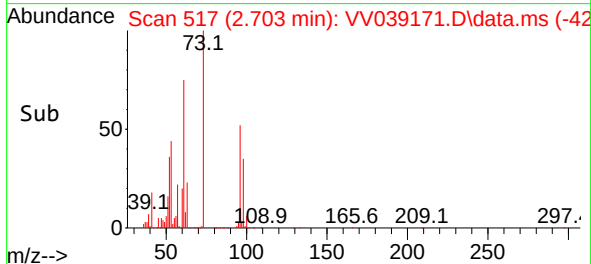
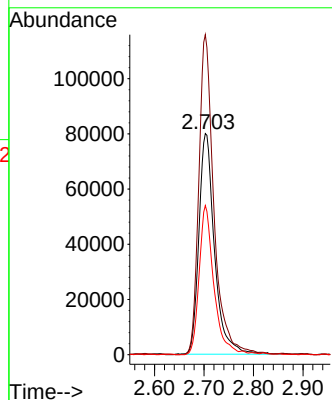
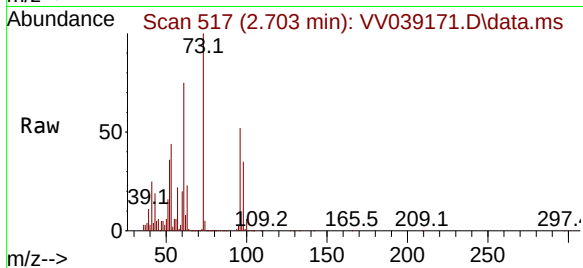




#21
trans-1,2-Dichloroethene
Concen: 19.703 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

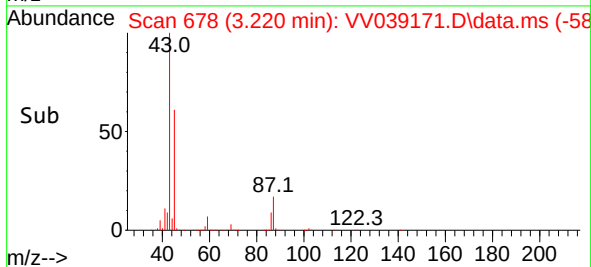
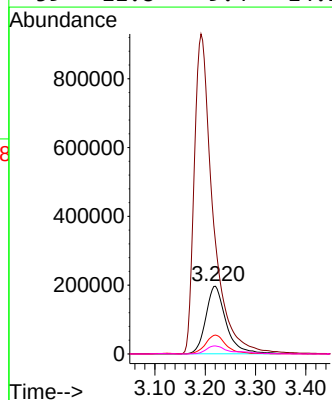
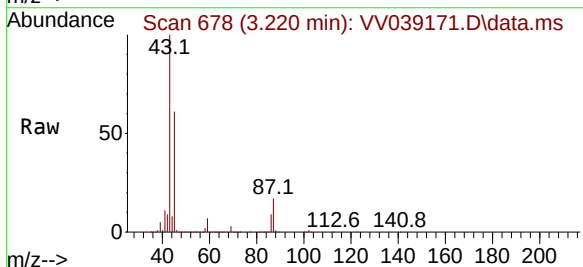
Instrument :
MSVOA_V
ClientSampleId :

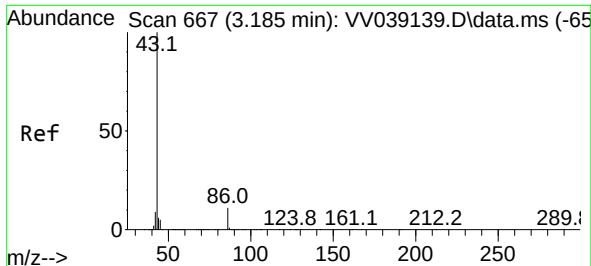
Tgt Ion: 96 Resp: 176159
Ion Ratio Lower Upper
96 100
61 145.0 112.8 169.2
98 67.6 51.1 76.7



#22
Diisopropyl ether
Concen: 19.161 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.006 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 45 Resp: 549959
Ion Ratio Lower Upper
45 100
43 164.4 130.9 196.3
87 27.6 21.1 31.7
59 11.8 9.4 14.2

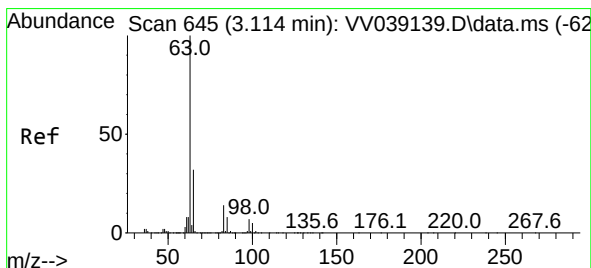
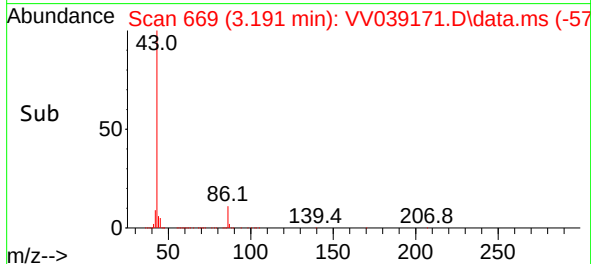
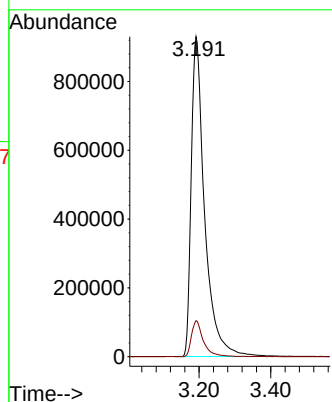
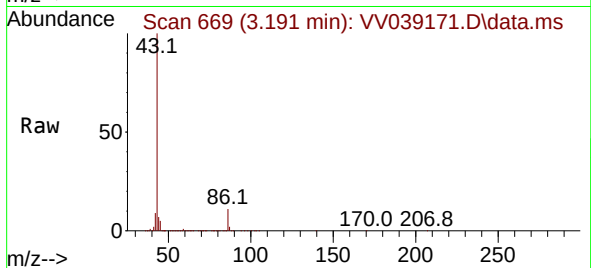




#23
 Vinyl Acetate
 Concen: 96.182 ug/l
 RT: 3.191 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VV039171.D
 Acq: 25 Sep 2025 11:24

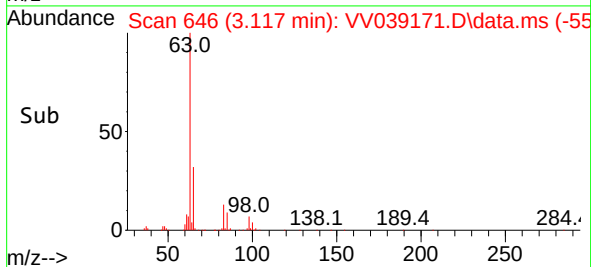
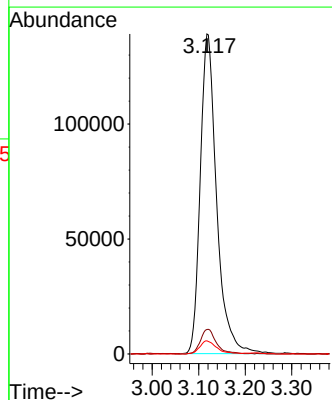
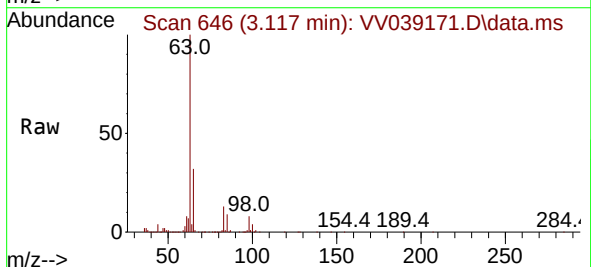
Instrument :
 MSVOA_V
 ClientSampleId :

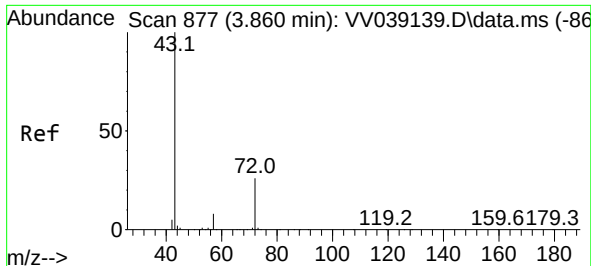
Tgt Ion: 43 Resp: 2415006
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.322 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039171.D
 Acq: 25 Sep 2025 11:24

Tgt Ion: 63 Resp: 339160
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.2
 100 4.1 2.2 6.6

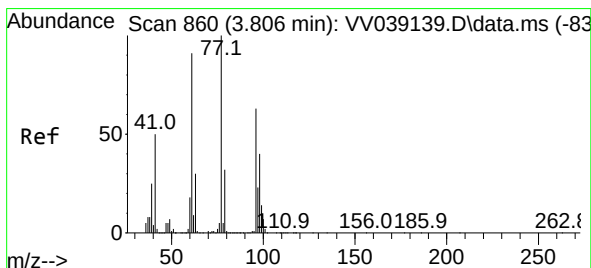
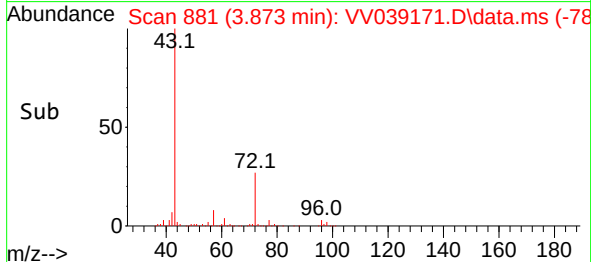
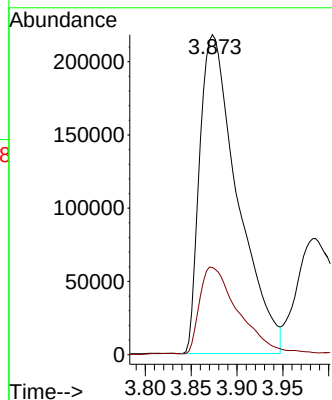
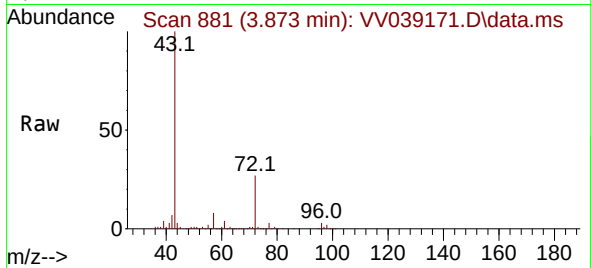




#25
2-Butanone
Concen: 97.122 ug/l
RT: 3.873 min Scan# 881
Delta R.T. 0.013 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

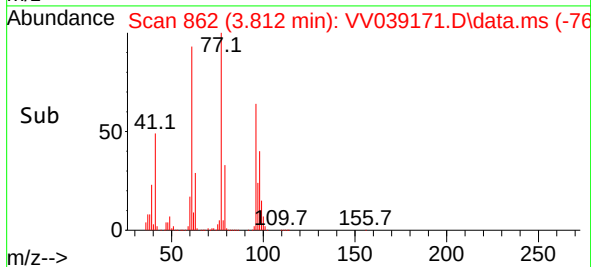
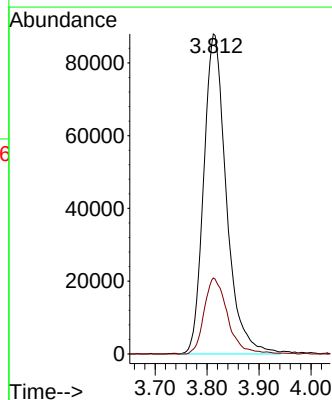
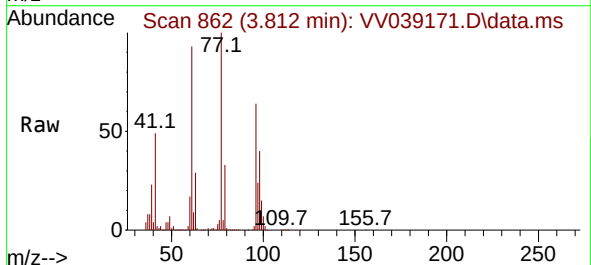
Instrument :
MSVOA_V
ClientSampleId :

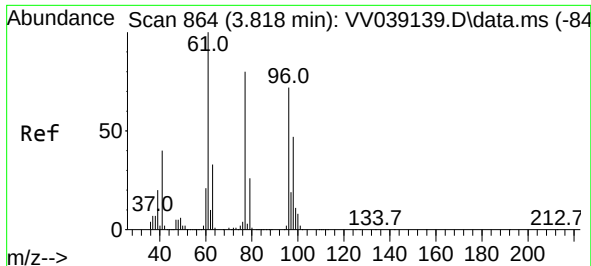
Tgt Ion: 43 Resp: 626977
Ion Ratio Lower Upper
43 100
72 27.1 21.0 31.6



#26
2,2-Dichloropropane
Concen: 17.109 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 77 Resp: 266277
Ion Ratio Lower Upper
77 100
97 24.3 11.6 34.7

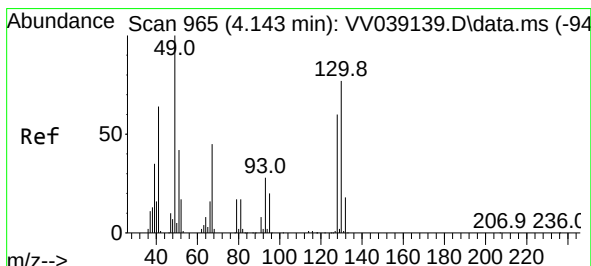
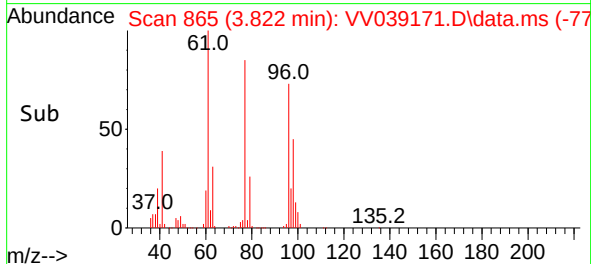
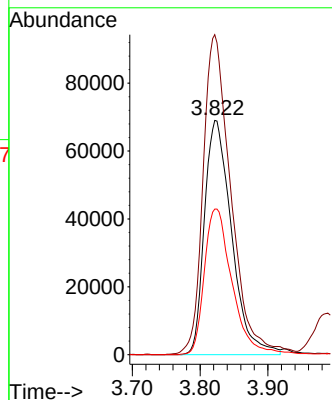
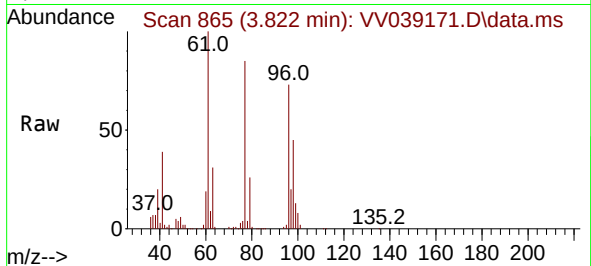




#27
 cis-1,2-Dichloroethene
 Concen: 19.468 ug/l
 RT: 3.822 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV039171.D
 Acq: 25 Sep 2025 11:24

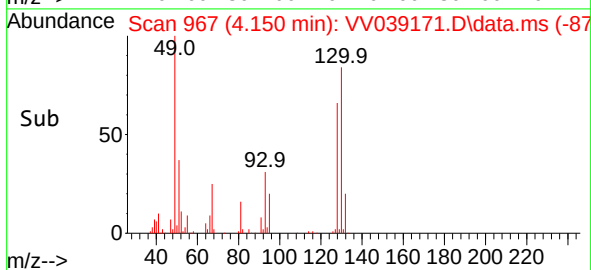
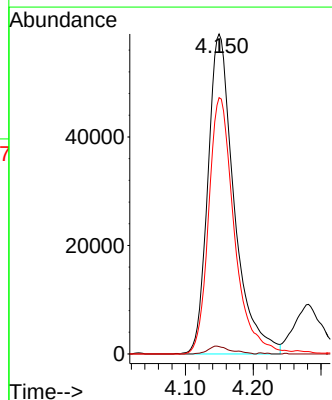
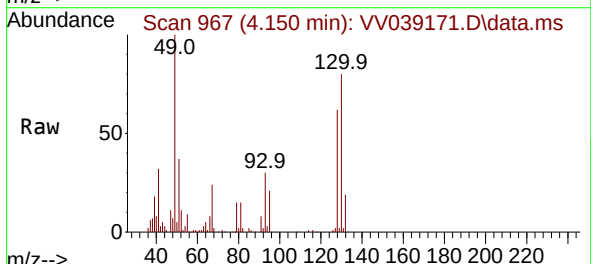
Instrument :
 MSVOA_V
 ClientSampleId :

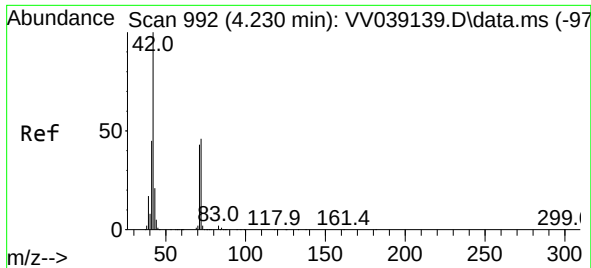
Tgt Ion: 96 Resp: 191963
 Ion Ratio Lower Upper
 96 100
 61 140.4 0.0 286.4
 98 63.8 0.0 126.6



#28
 Bromochloromethane
 Concen: 20.475 ug/l
 RT: 4.150 min Scan# 967
 Delta R.T. 0.006 min
 Lab File: VV039171.D
 Acq: 25 Sep 2025 11:24

Tgt Ion: 49 Resp: 158654
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 78.2 60.2 90.2





#29

Tetrahydrofuran

Concen: 100.814 ug/l

RT: 4.240 min Scan# 992

Delta R.T. 0.010 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

ClientSampleId :

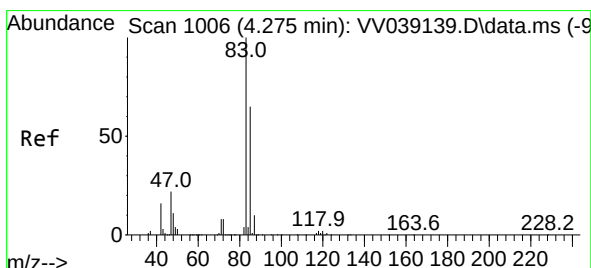
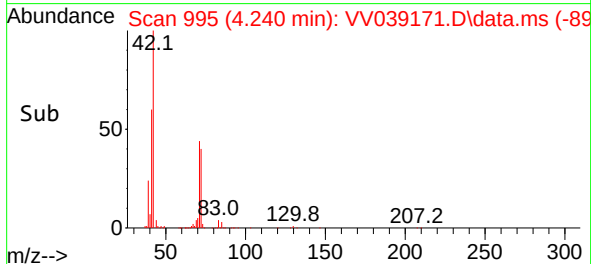
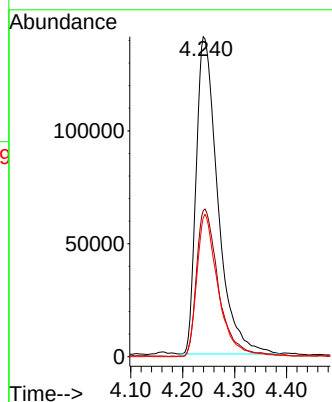
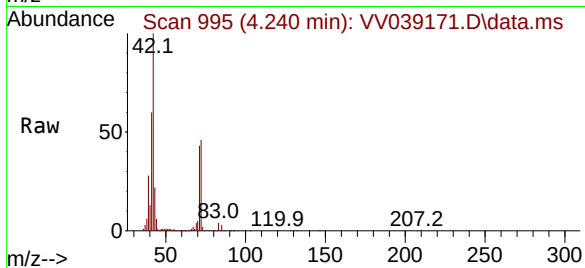
Tgt Ion: 42 Resp: 407358

Ion Ratio Lower Upper

42 100

72 46.4 36.3 54.5

71 44.4 34.3 51.5



#30

Chloroform

Concen: 19.234 ug/l

RT: 4.281 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VV039171.D

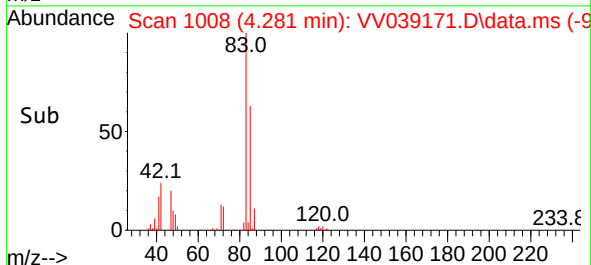
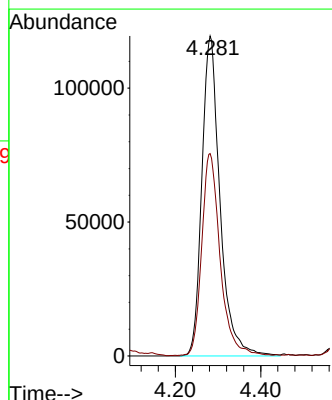
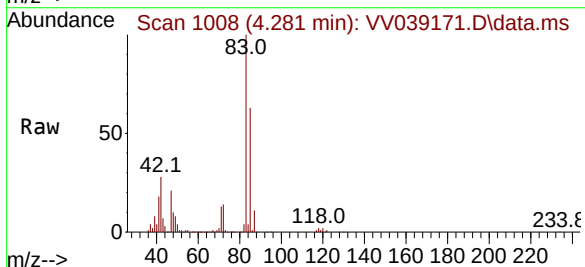
Acq: 25 Sep 2025 11:24

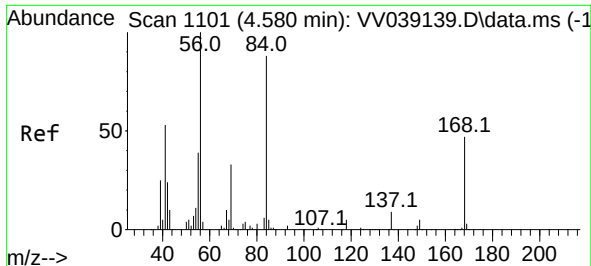
Tgt Ion: 83 Resp: 352541

Ion Ratio Lower Upper

83 100

85 63.1 52.1 78.1

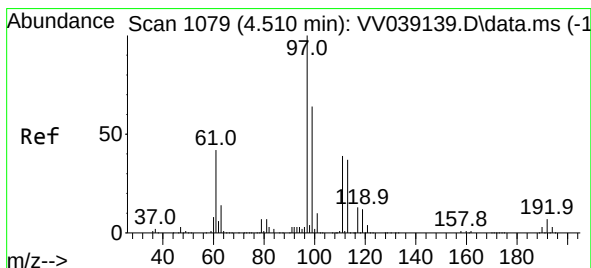
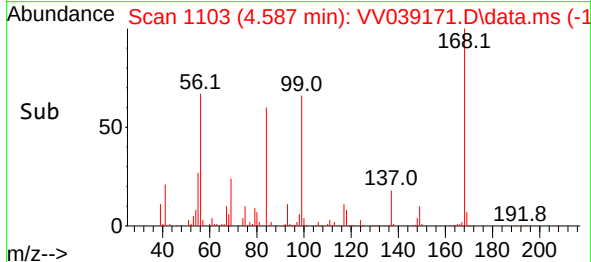
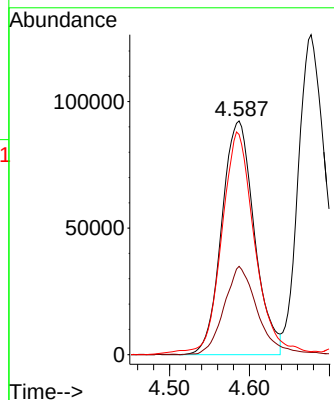
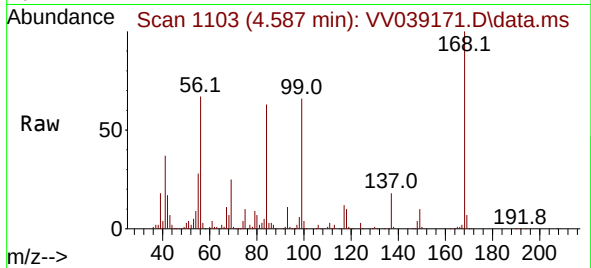




#31
Cyclohexane
Concen: 18.223 ug/l
RT: 4.587 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

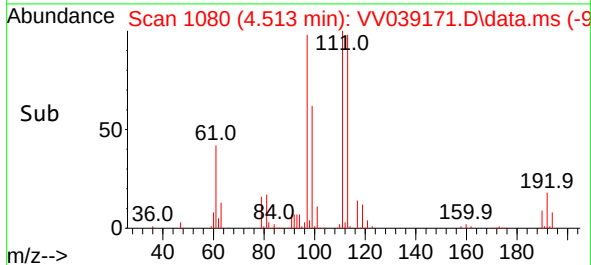
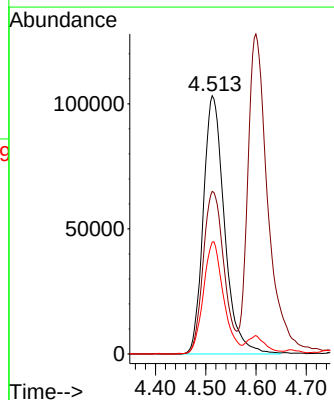
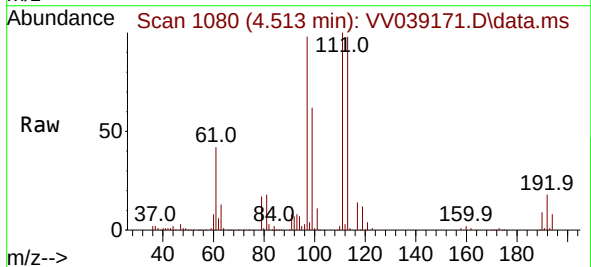
Instrument :
MSVOA_V
ClientSampleId :

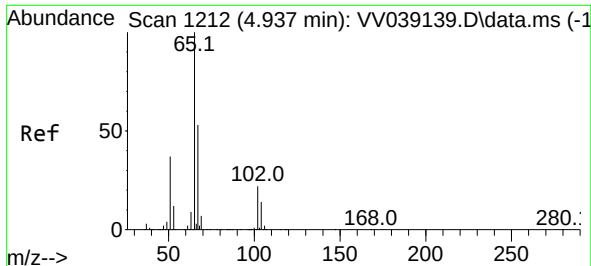
Tgt Ion: 56 Resp: 262018
Ion Ratio Lower Upper
56 100
69 37.7 26.2 39.2
84 92.4 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 19.027 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 97 Resp: 301922
Ion Ratio Lower Upper
97 100
99 61.4 49.6 74.4
61 41.0 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 45.127 ug/l

RT: 4.944 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

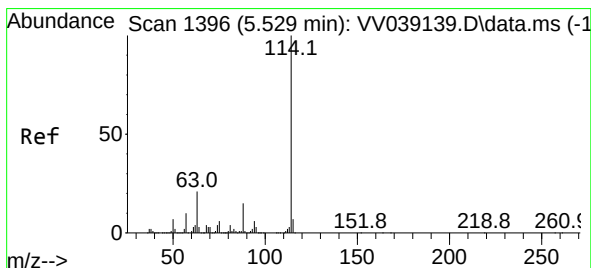
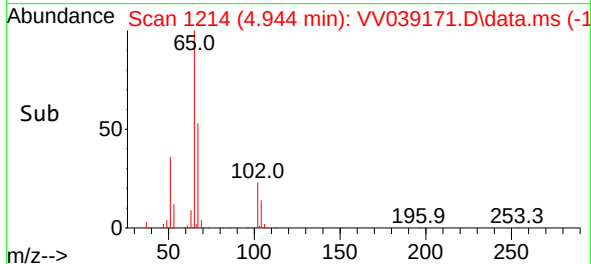
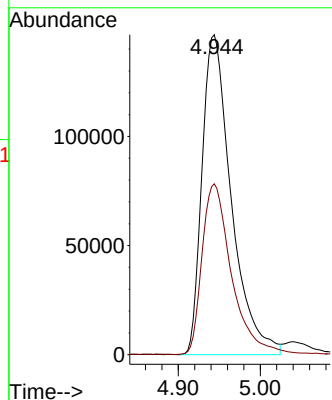
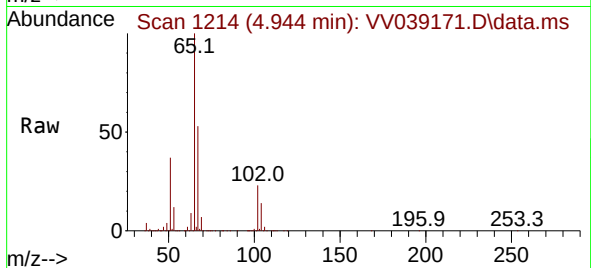
ClientSampleId :

Tgt Ion: 65 Resp: 363796

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

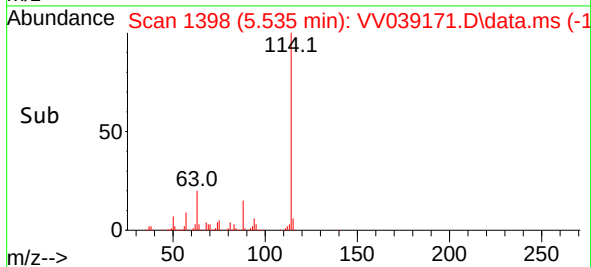
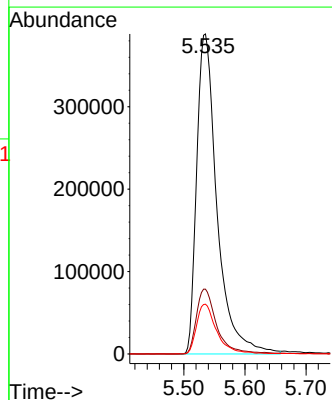
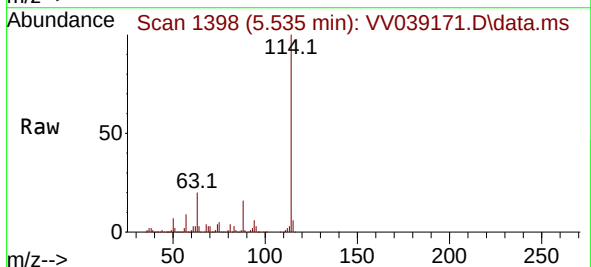
Tgt Ion: 114 Resp: 898902

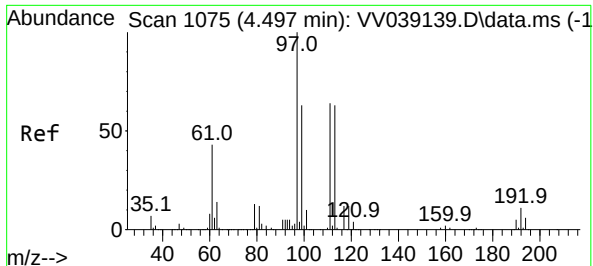
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 15.5 0.0 30.8

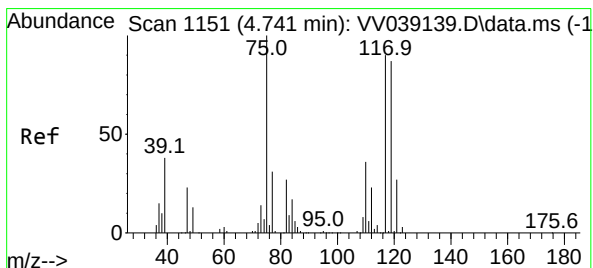
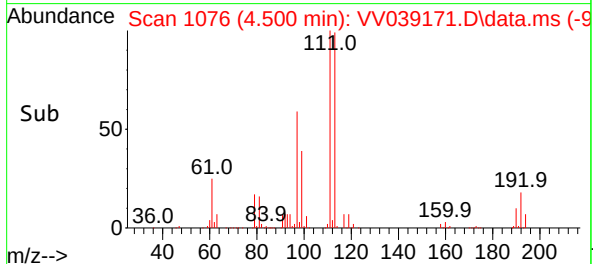
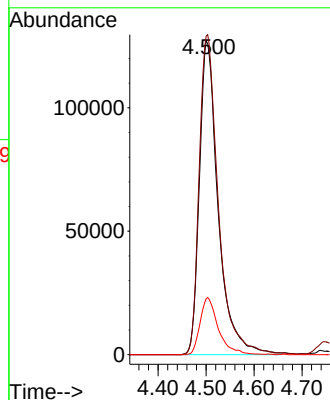
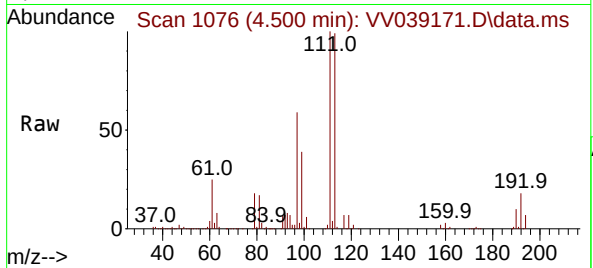




#35
 Dibromofluoromethane
 Concen: 47.843 ug/l
 RT: 4.500 min Scan# 1113
 Delta R.T. 0.003 min
 Lab File: VV039171.D
 Acq: 25 Sep 2025 11:24

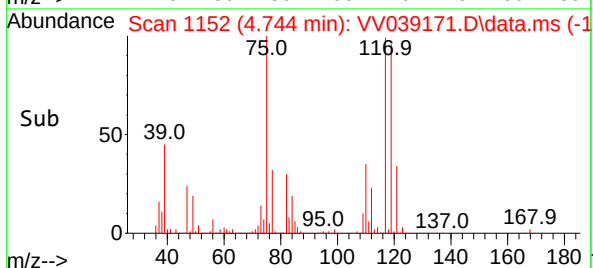
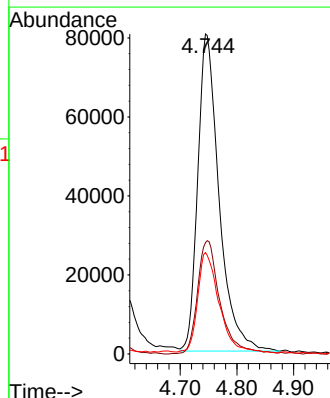
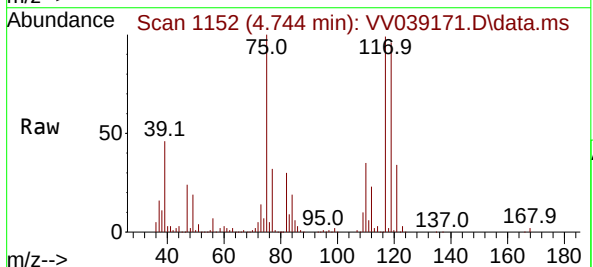
Instrument :
 MSVOA_V
 ClientSampleId :

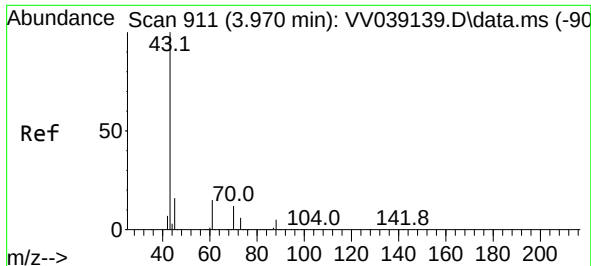
Tgt Ion:113 Resp: 345732
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.4 123.6
 192 17.7 13.8 20.8



#36
 1,1-Dichloropropene
 Concen: 19.244 ug/l
 RT: 4.744 min Scan# 1152
 Delta R.T. 0.003 min
 Lab File: VV039171.D
 Acq: 25 Sep 2025 11:24

Tgt Ion: 75 Resp: 210259
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.1 54.1
 77 32.0 24.8 37.2

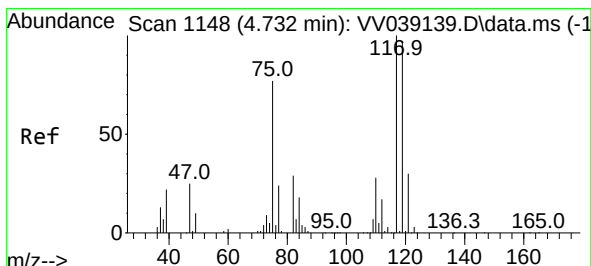
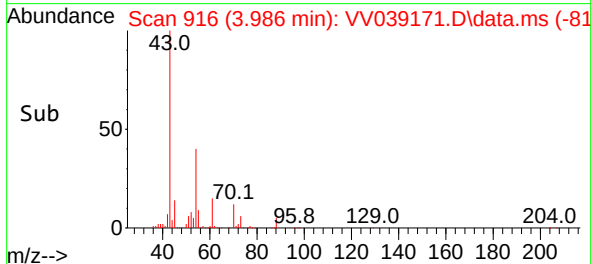
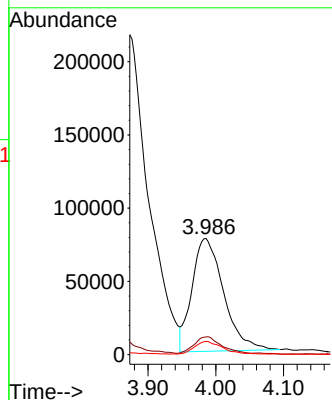
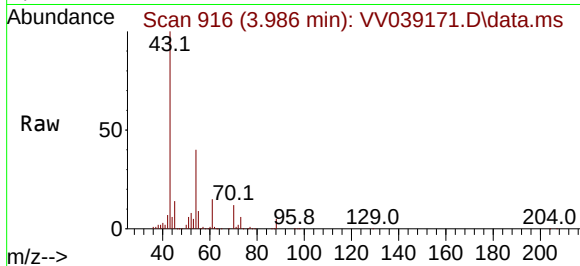




#37
Ethyl Acetate
Concen: 18.849 ug/l
RT: 3.986 min Scan# 911
Delta R.T. 0.016 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

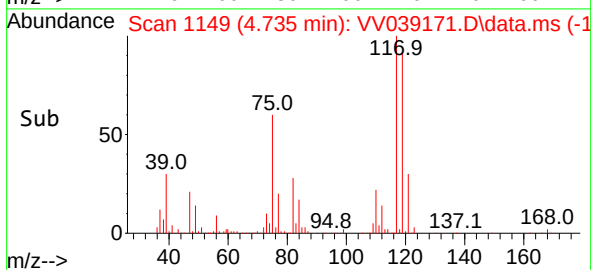
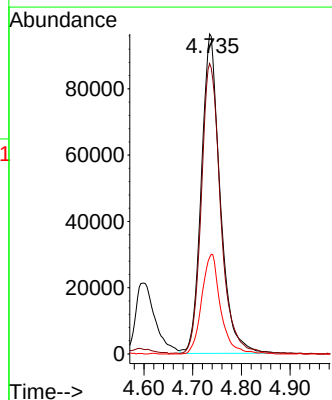
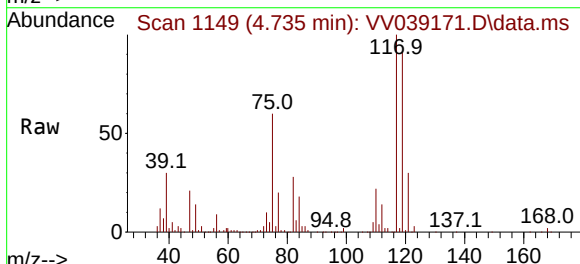
Instrument :
MSVOA_V
ClientSampleId :

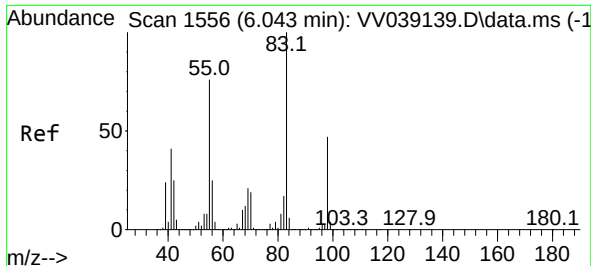
Tgt Ion: 43 Resp: 249892
Ion Ratio Lower Upper
43 100
61 12.6 10.3 15.5
70 10.0 8.0 12.0



#38
Carbon Tetrachloride
Concen: 19.380 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 117 Resp: 258780
Ion Ratio Lower Upper
117 100
119 90.8 77.2 115.8
121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 19.193 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.004 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

ClientSampleId :

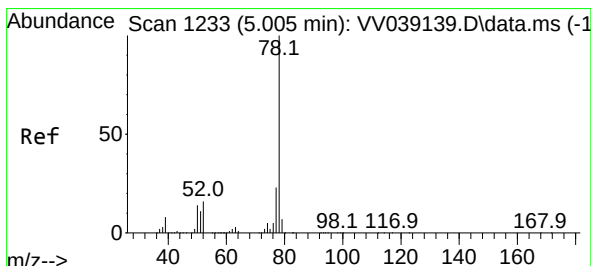
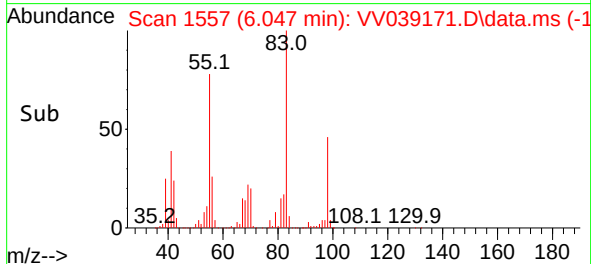
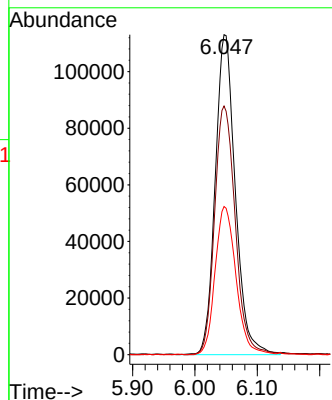
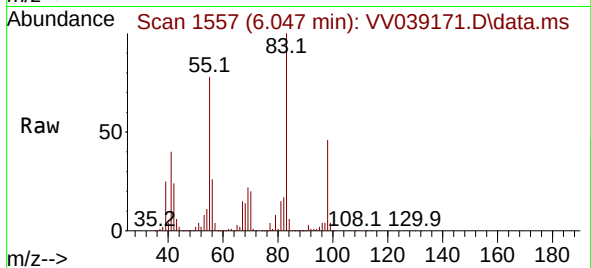
Tgt Ion: 83 Resp: 253234

Ion Ratio Lower Upper

83 100

55 77.6 60.5 90.7

98 46.2 37.8 56.6



#40

Benzene

Concen: 19.867 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.006 min

Lab File: VV039171.D

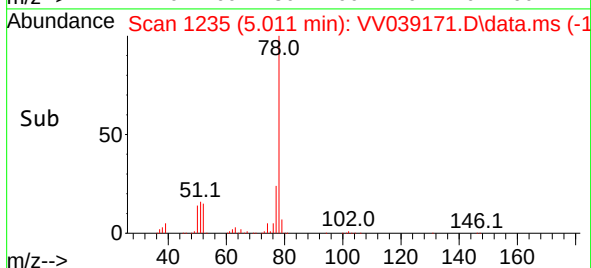
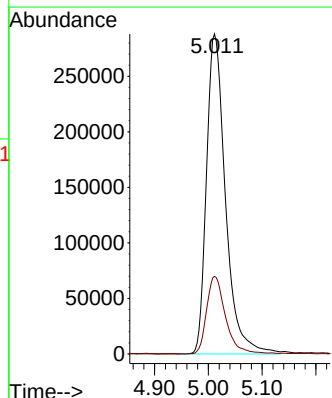
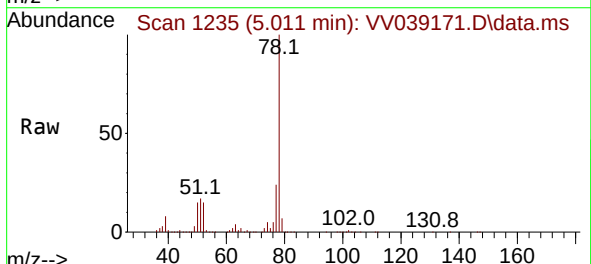
Acq: 25 Sep 2025 11:24

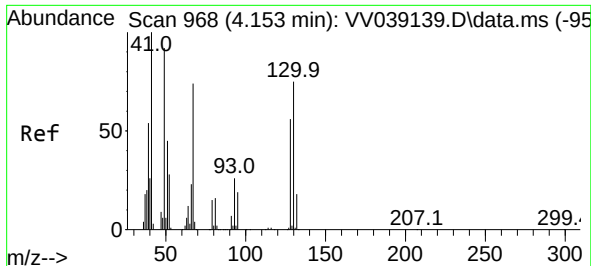
Tgt Ion: 78 Resp: 706824

Ion Ratio Lower Upper

78 100

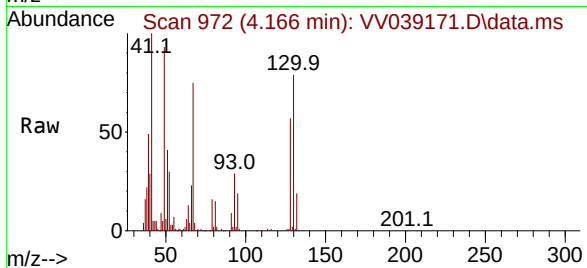
77 24.2 18.7 28.1



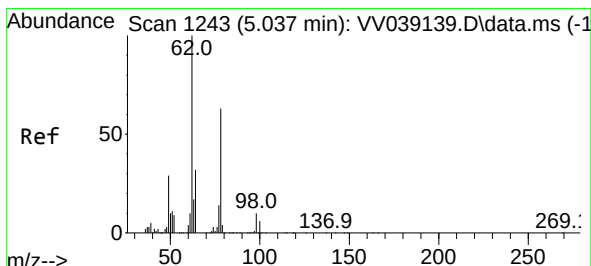
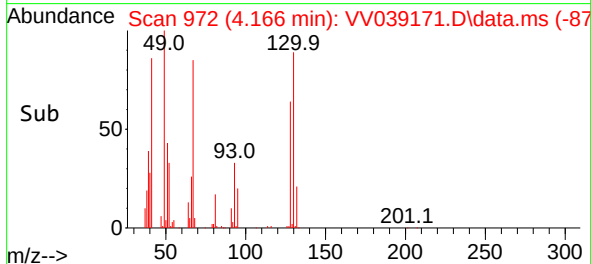
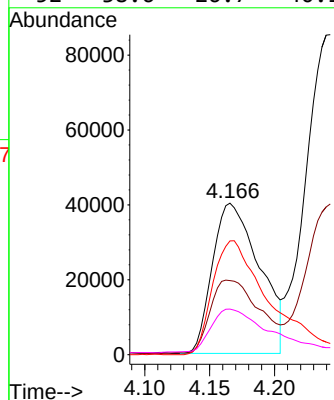


#41
Methacrylonitrile
Concen: 18.119 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.013 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Instrument :
MSVOA_V
ClientSampleId :

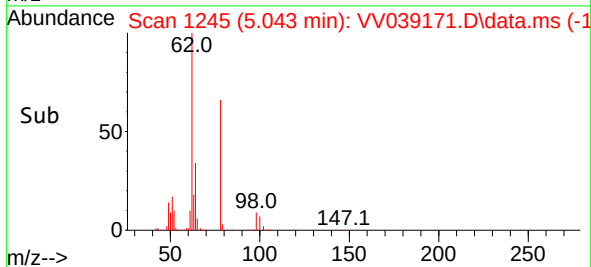
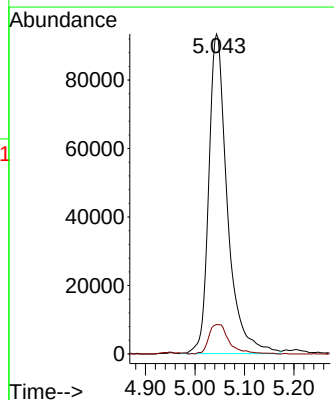
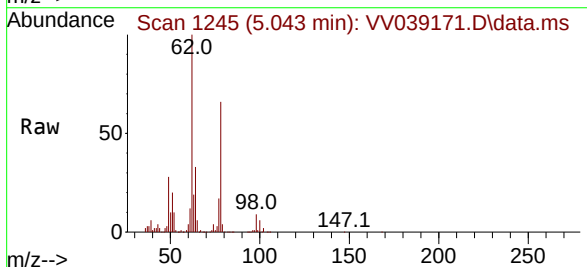


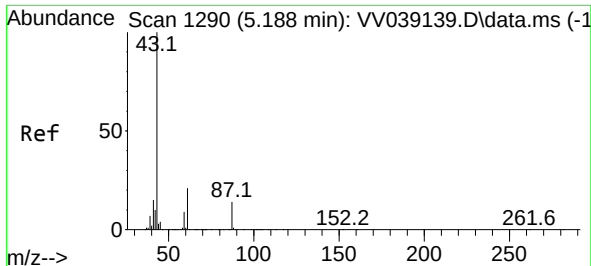
Tgt Ion	Ratio	Lower	Upper
41	100		
39	51.1	42.2	63.2
67	94.9	67.9	101.9
52	38.6	26.7	40.1



#42
1,2-Dichloroethane
Concen: 19.562 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.006 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.2

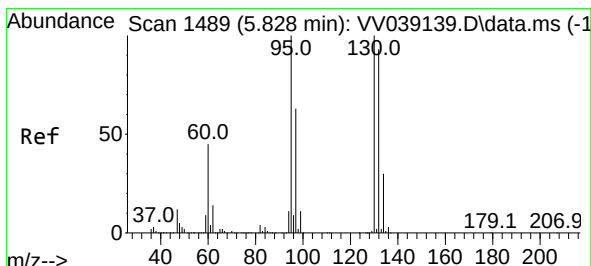
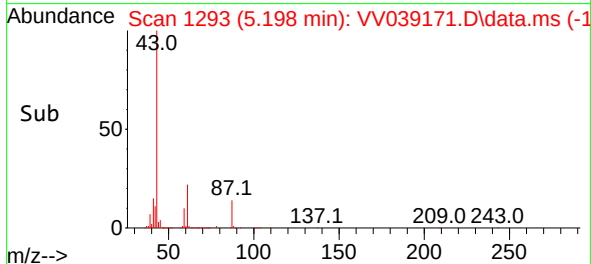
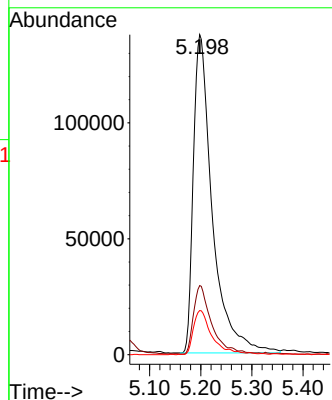
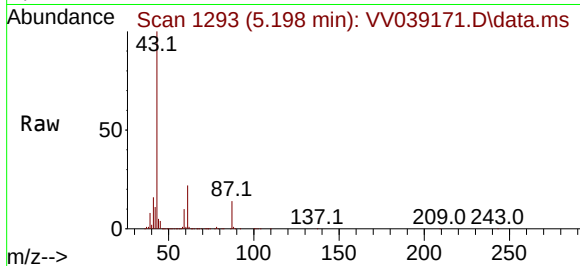




#43
Isopropyl Acetate
Concen: 19.627 ug/l
RT: 5.198 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

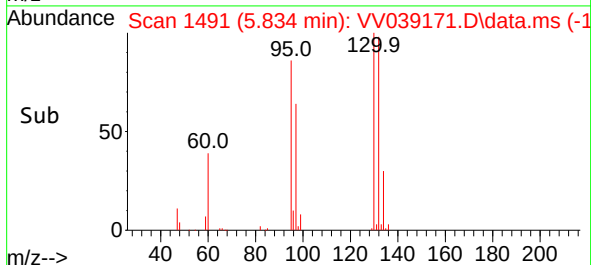
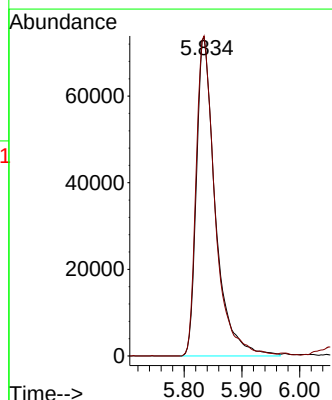
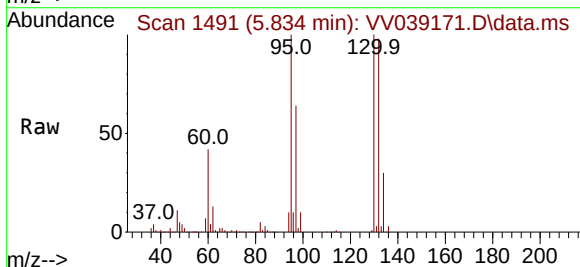
Instrument :
MSVOA_V
ClientSampleId :

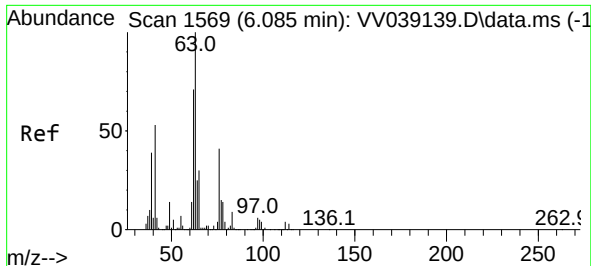
Tgt Ion: 43 Resp: 354785
Ion Ratio Lower Upper
43 100
61 20.6 15.9 23.9
87 13.4 11.0 16.6



#44
Trichloroethene
Concen: 20.352 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion:130 Resp: 167082
Ion Ratio Lower Upper
130 100
95 100.4 0.0 199.2





#45

1,2-Dichloropropane

Concen: 20.511 ug/l

RT: 6.092 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

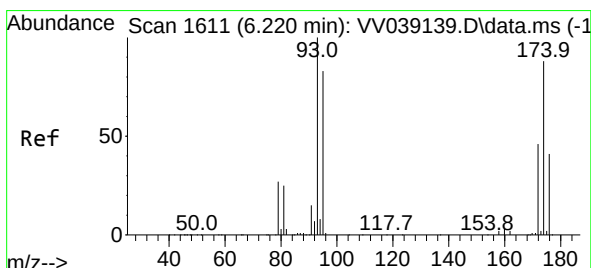
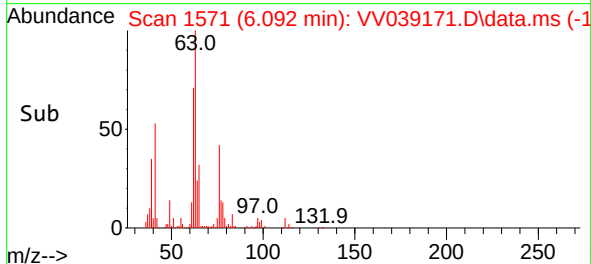
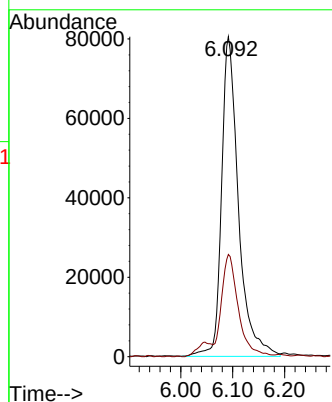
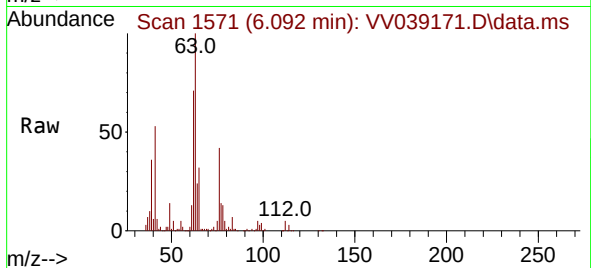
ClientSampleId :

Tgt Ion: 63 Resp: 181382

Ion Ratio Lower Upper

63 100

65 31.8 23.7 35.5



#46

Dibromomethane

Concen: 20.031 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

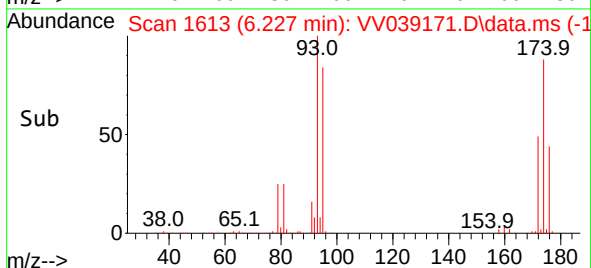
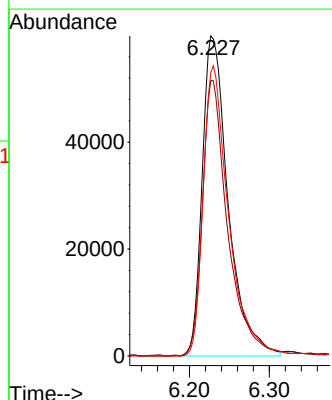
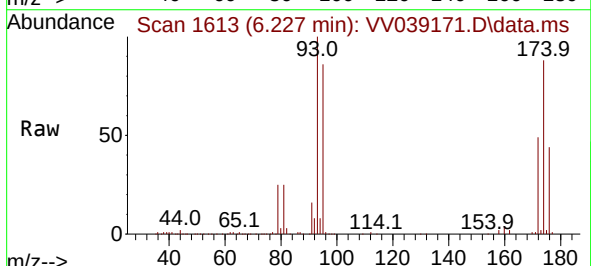
Tgt Ion: 93 Resp: 135579

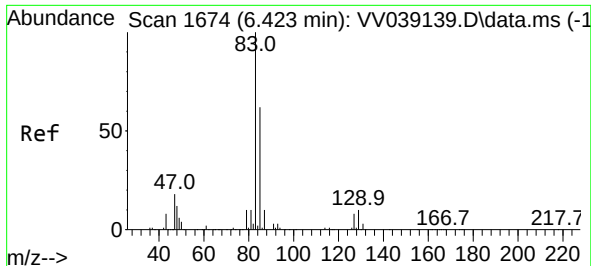
Ion Ratio Lower Upper

93 100

95 83.5 65.5 98.3

174 88.9 69.0 103.4





#47

Bromodichloromethane

Concen: 19.295 ug/l

RT: 6.429 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

ClientSampleId :

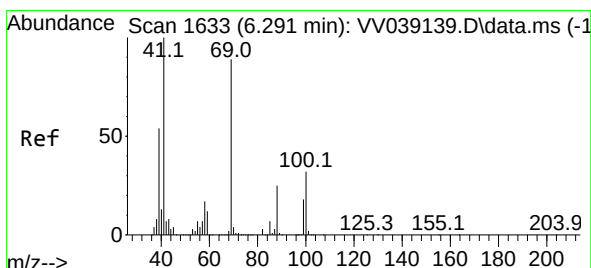
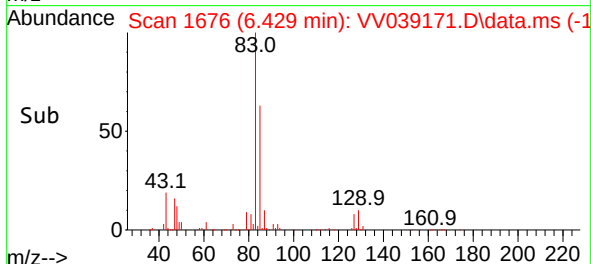
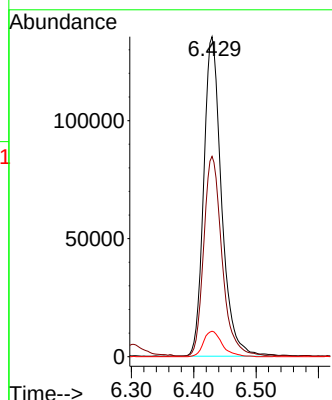
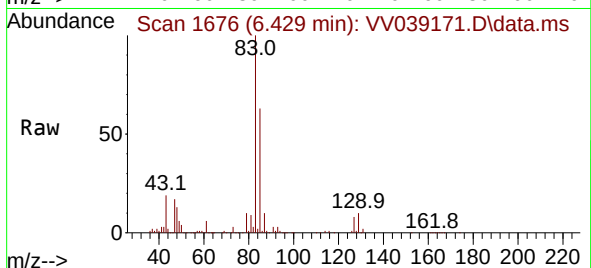
Tgt Ion: 83 Resp: 269985

Ion Ratio Lower Upper

83 100

85 62.4 49.7 74.5

127 8.0 6.6 9.8



#48

Methyl methacrylate

Concen: 18.869 ug/l

RT: 6.301 min Scan# 1636

Delta R.T. 0.010 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

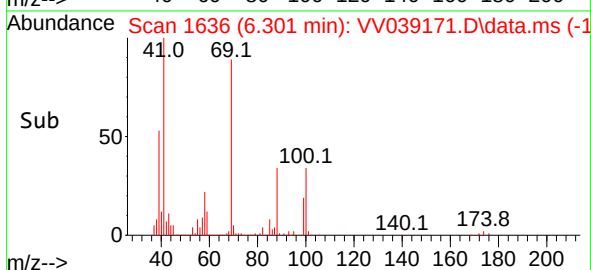
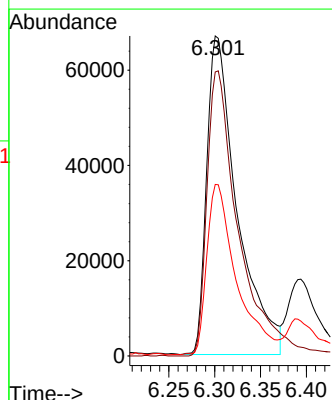
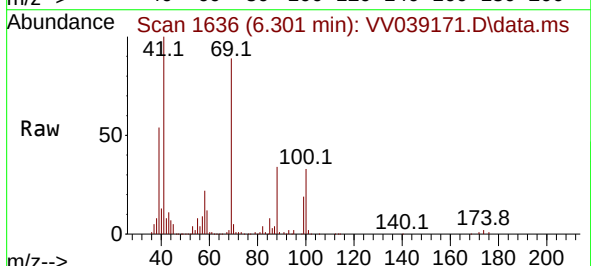
Tgt Ion: 41 Resp: 154615

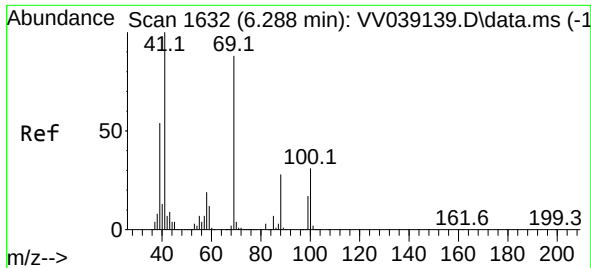
Ion Ratio Lower Upper

41 100

69 93.7 72.4 108.6

39 51.9 42.5 63.7





#49

1,4-Dioxane

Concen: 422.109 ug/l

RT: 6.294 min Scan# 1

Delta R.T. 0.006 min

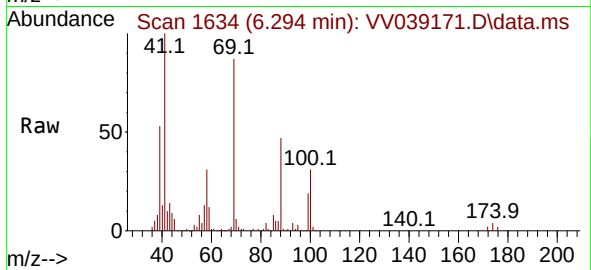
Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

ClientSampleId :



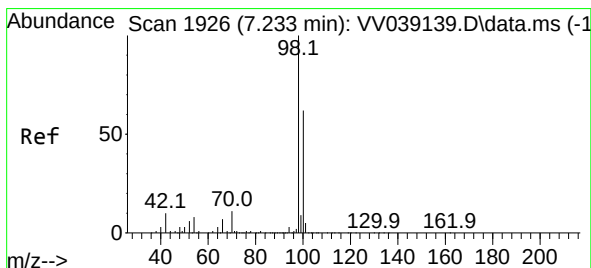
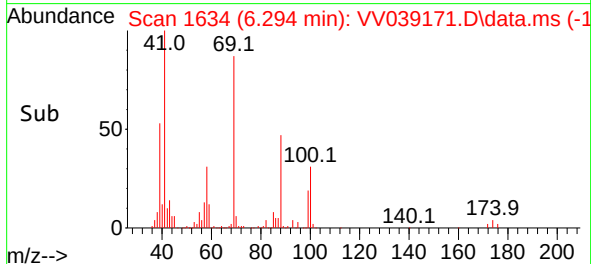
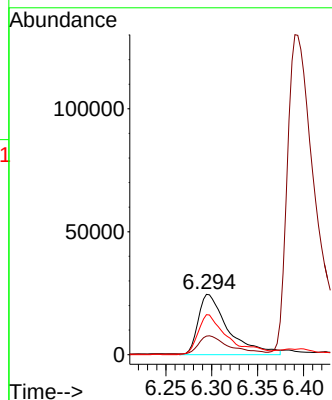
Tgt Ion: 88 Resp: 55817

Ion Ratio Lower Upper

88 100

43 29.5 25.1 37.7

58 66.2 53.6 80.4



#50

Toluene-d8

Concen: 47.939 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039171.D

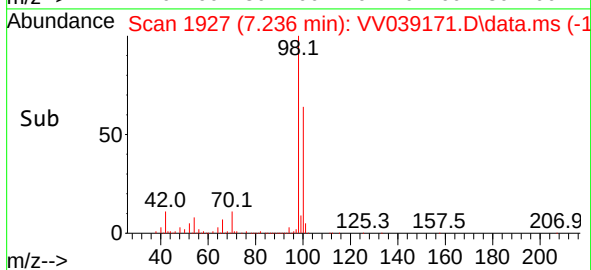
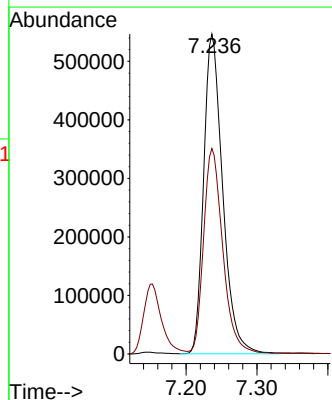
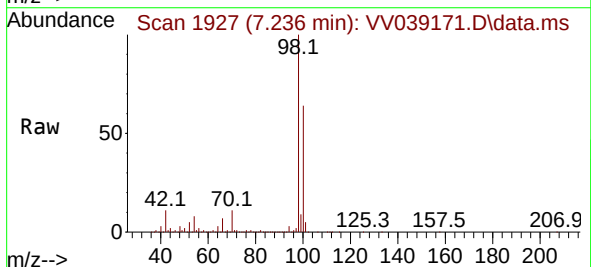
Acq: 25 Sep 2025 11:24

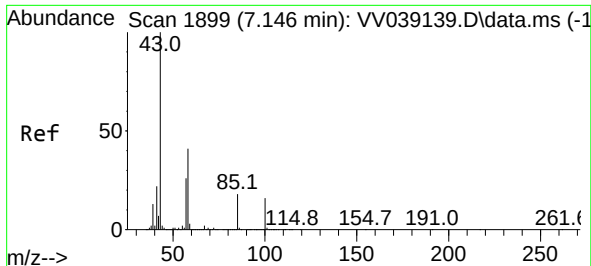
Tgt Ion: 98 Resp: 1017460

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 108.921 ug/l

RT: 7.149 min Scan# 1900

Delta R.T. 0.003 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

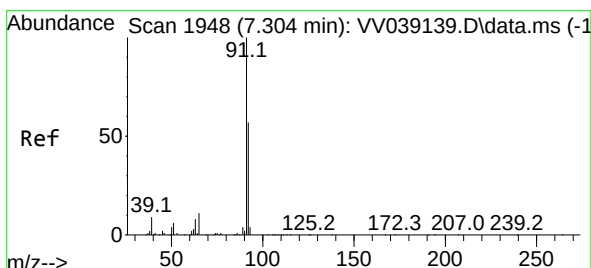
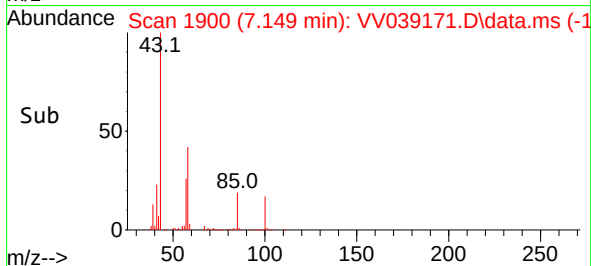
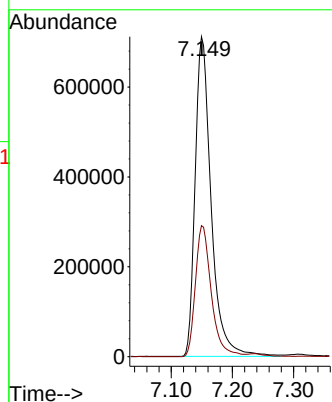
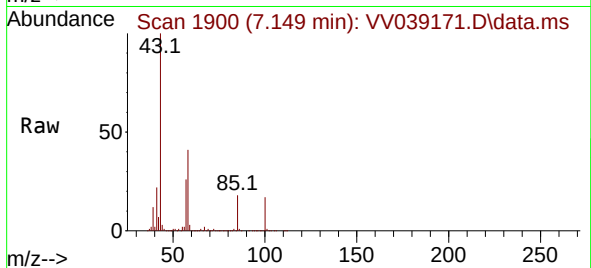
ClientSampleId :

Tgt Ion: 43 Resp: 1295291

Ion Ratio Lower Upper

43 100

58 40.8 32.3 48.5



#52

Toluene

Concen: 21.474 ug/l

RT: 7.310 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VV039171.D

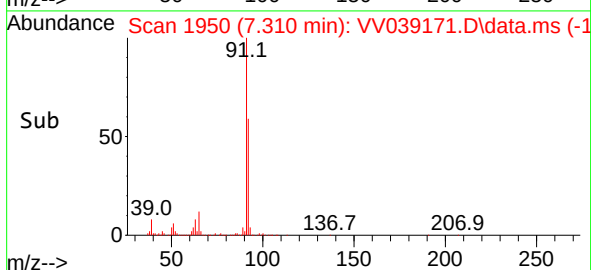
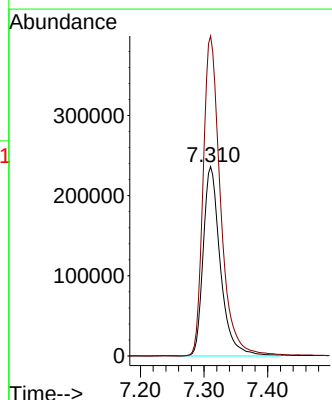
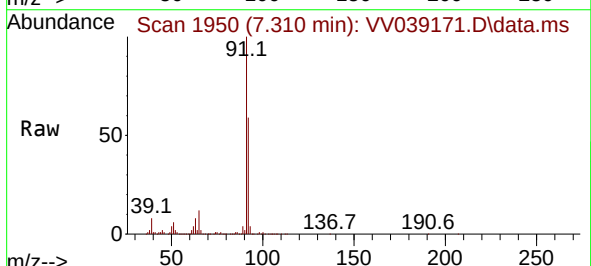
Acq: 25 Sep 2025 11:24

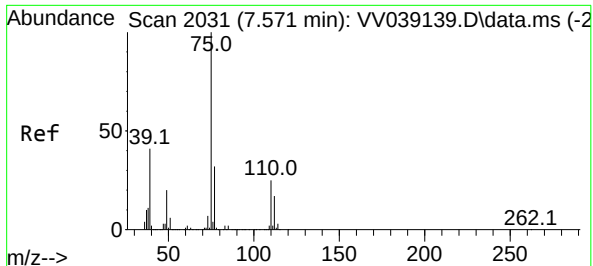
Tgt Ion: 92 Resp: 442966

Ion Ratio Lower Upper

92 100

91 171.6 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 20.052 ug/l

RT: 7.577 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

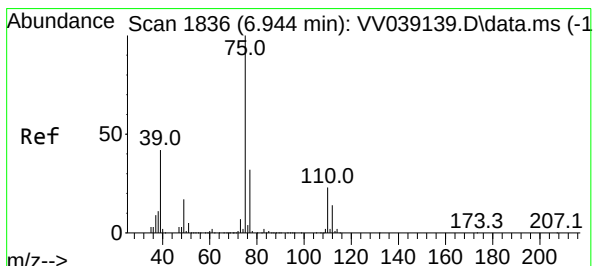
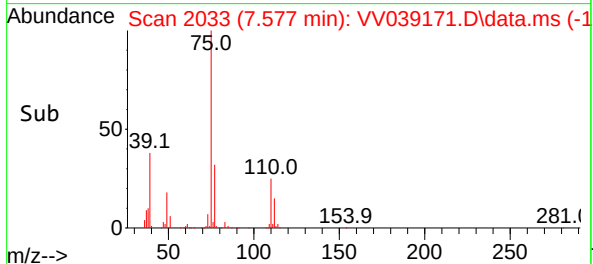
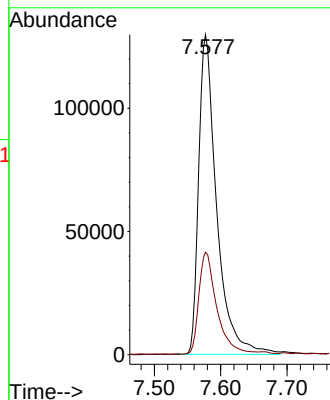
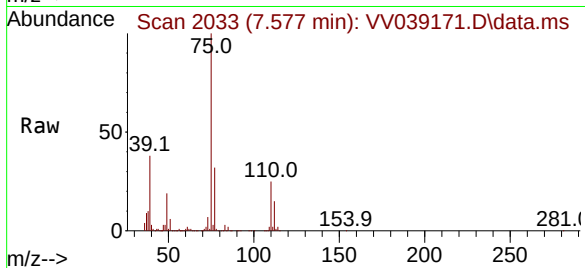
ClientSampleId :

Tgt Ion: 75 Resp: 244520

Ion Ratio Lower Upper

75 100

77 31.9 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 20.249 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.006 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

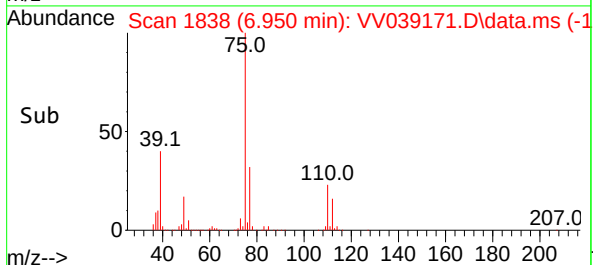
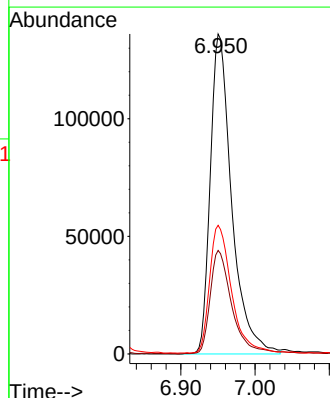
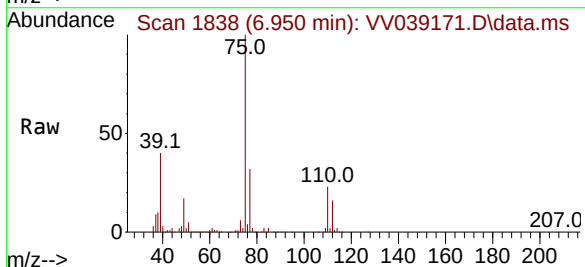
Tgt Ion: 75 Resp: 272587

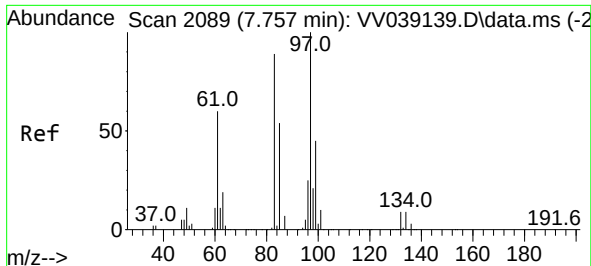
Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

39 39.9 33.8 50.6

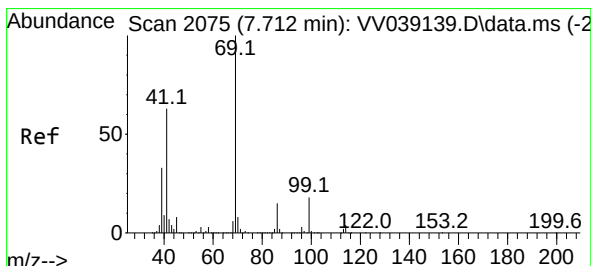
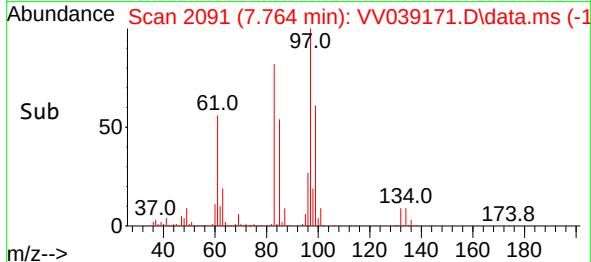
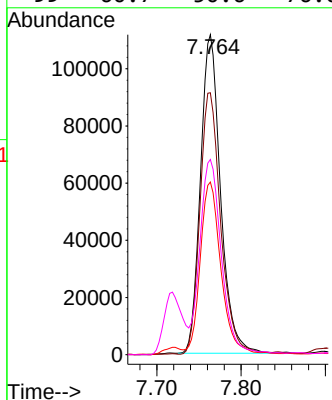
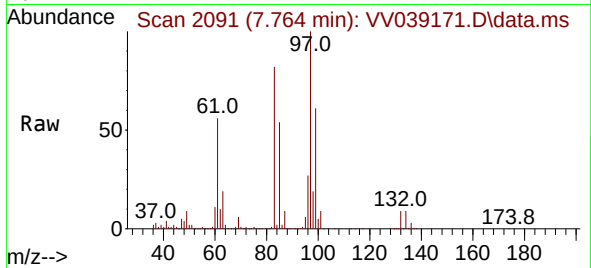




#55
1,1,2-Trichloroethane
Concen: 19.997 ug/l
RT: 7.764 min Scan# 2089
Delta R.T. 0.007 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

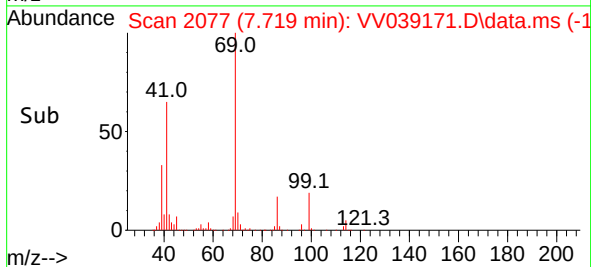
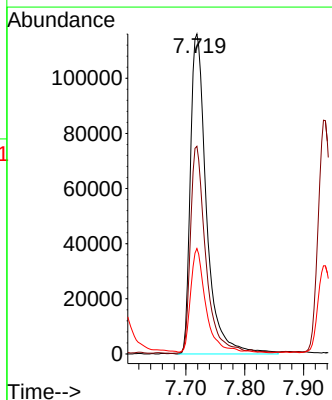
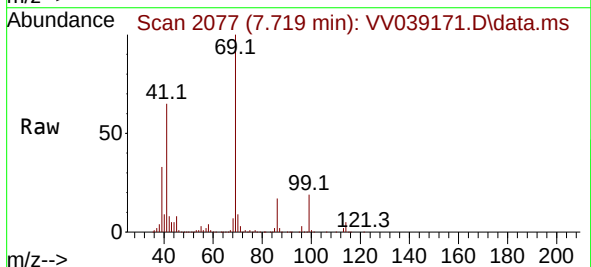
Instrument :
MSVOA_V
ClientSampleId :

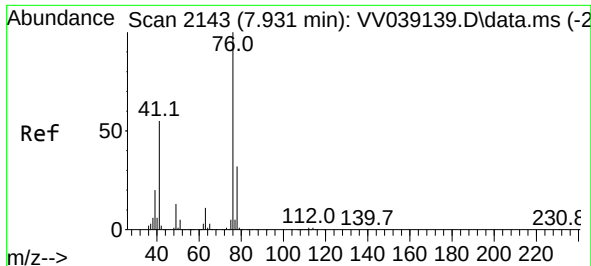
Tgt Ion:	97	Resp:	184964
Ion	Ratio	Lower	Upper
97	100		
83	82.1	71.1	106.7
85	53.8	44.6	67.0
99	60.7	50.6	76.0



#56
Ethyl methacrylate
Concen: 20.096 ug/l
RT: 7.719 min Scan# 2077
Delta R.T. 0.007 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion:	69	Resp:	220741
Ion	Ratio	Lower	Upper
69	100		
41	61.7	50.7	76.1
39	30.2	26.0	39.0





#57

1,3-Dichloropropane

Concen: 20.102 ug/l

RT: 7.937 min Scan# 2143

Delta R.T. 0.006 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

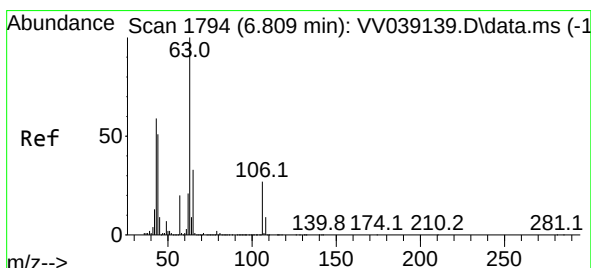
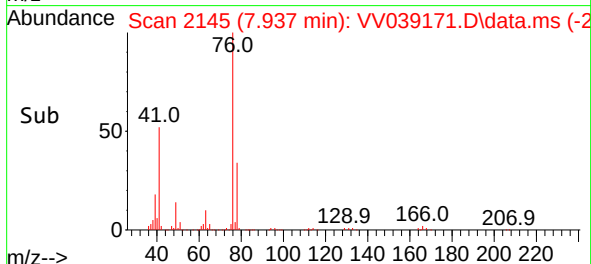
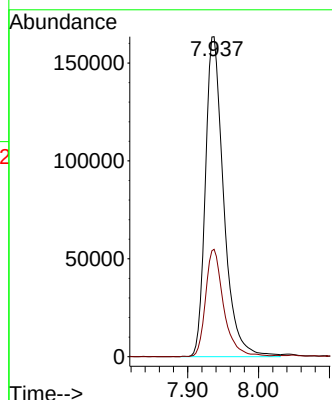
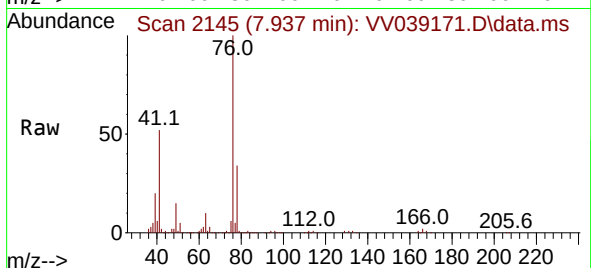
ClientSampleId :

Tgt Ion: 76 Resp: 293432

Ion Ratio Lower Upper

76 100

78 33.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 93.599 ug/l

RT: 6.815 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VV039171.D

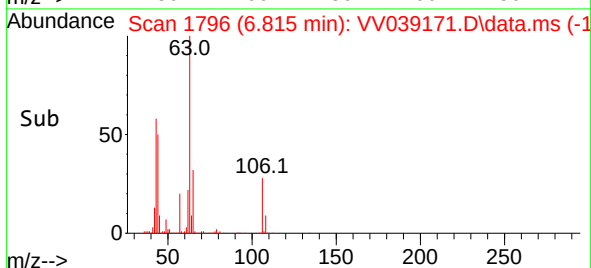
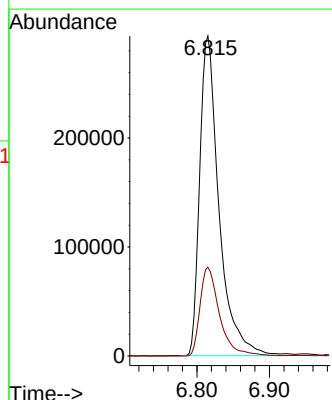
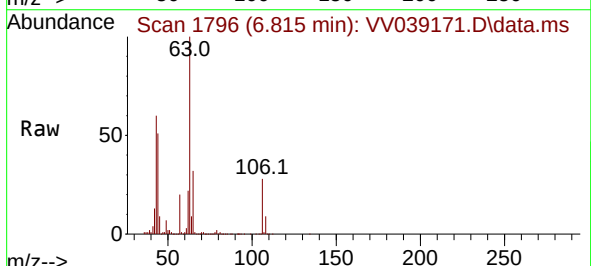
Acq: 25 Sep 2025 11:24

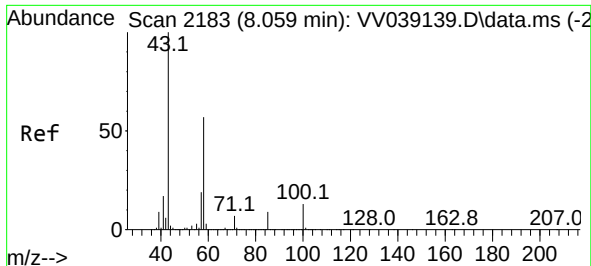
Tgt Ion: 63 Resp: 541689

Ion Ratio Lower Upper

63 100

106 28.0 22.1 33.1

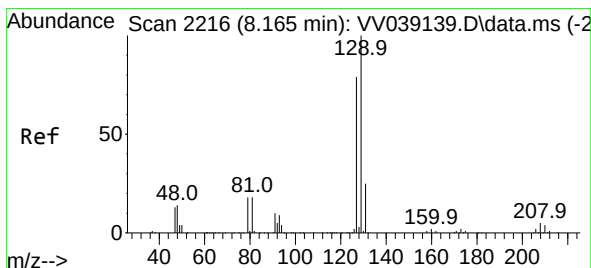
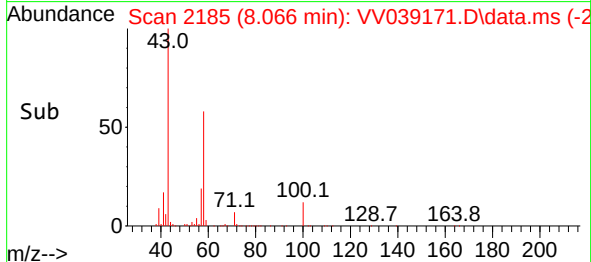
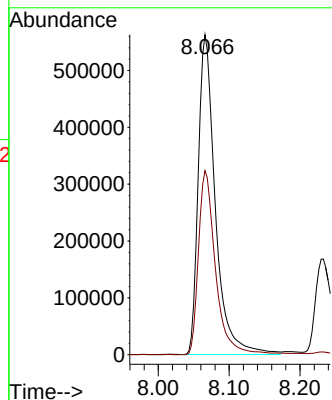
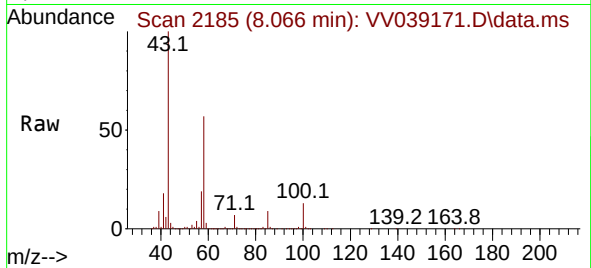




#59
2-Hexanone
Concen: 99.572 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.007 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

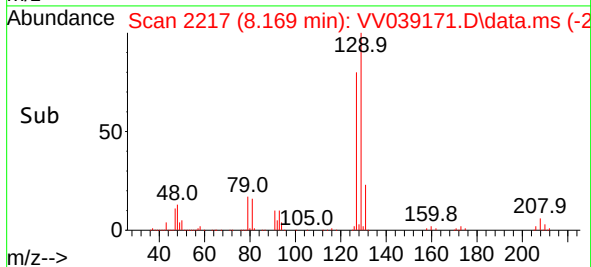
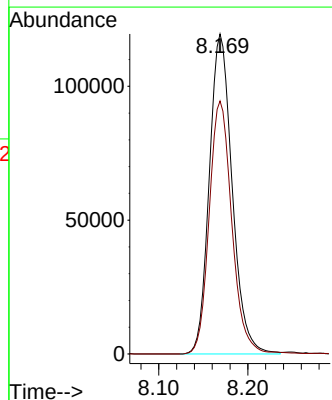
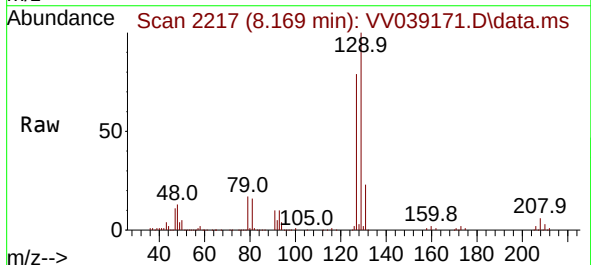
Instrument :
MSVOA_V
ClientSampleId :

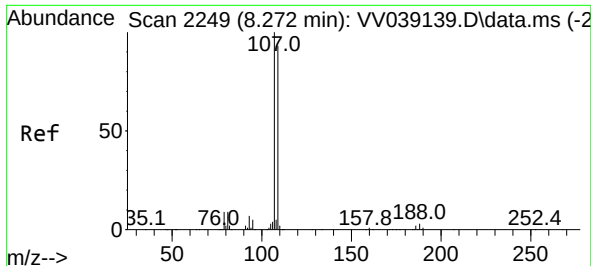
Tgt Ion: 43 Resp: 942254
Ion Ratio Lower Upper
43 100
58 57.6 28.3 85.0



#60
Dibromochloromethane
Concen: 20.190 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 129 Resp: 212792
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.9

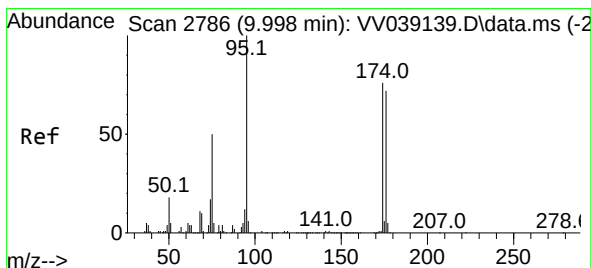
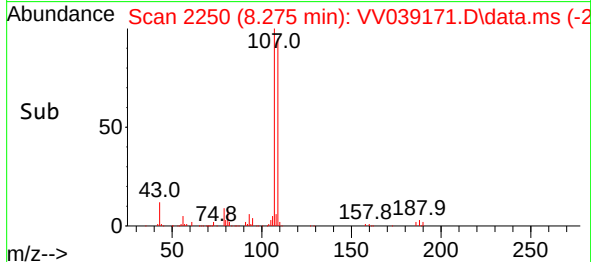
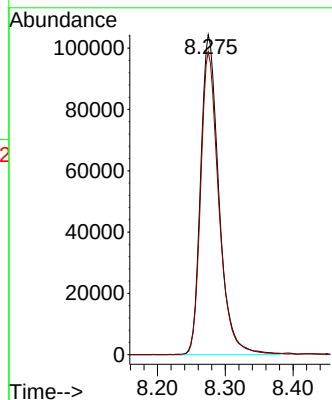
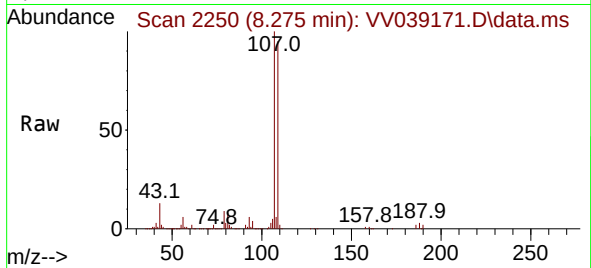




#61
1,2-Dibromoethane
Concen: 20.631 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

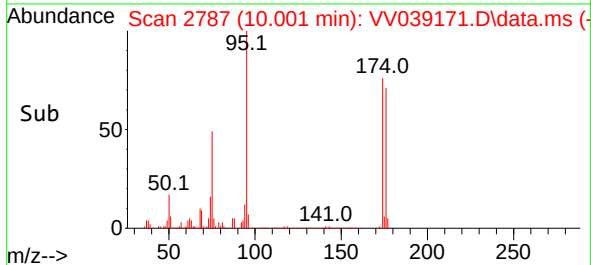
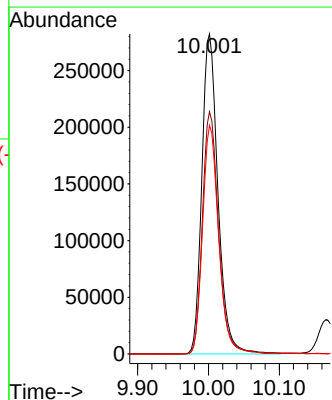
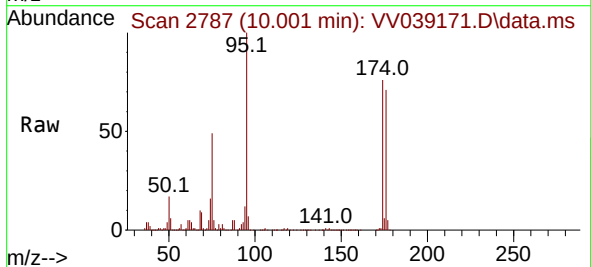
Instrument :
MSVOA_V
ClientSampleId :

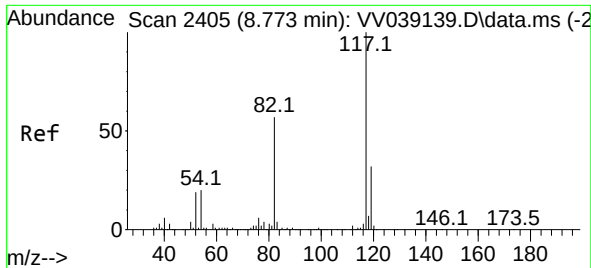
Tgt Ion:107 Resp: 195149
Ion Ratio Lower Upper
107 100
109 94.1 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 51.168 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 95 Resp: 447073
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.4
176 71.5 0.0 144.2

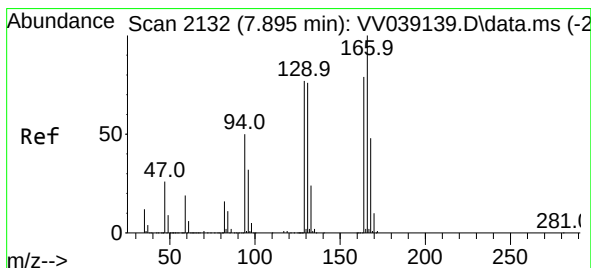
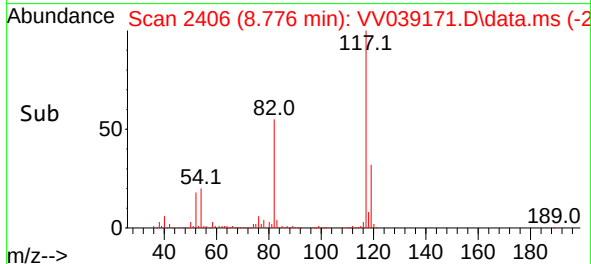
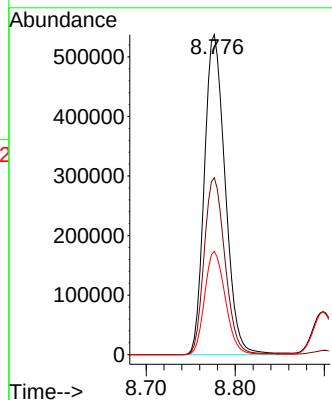
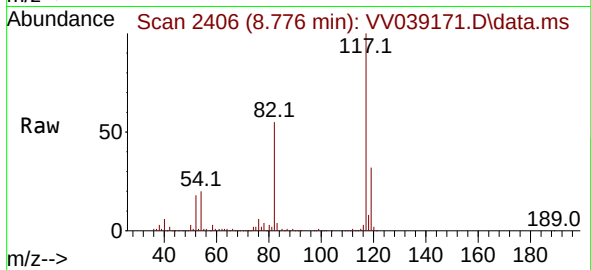




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

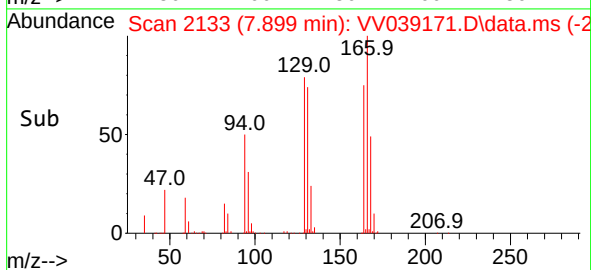
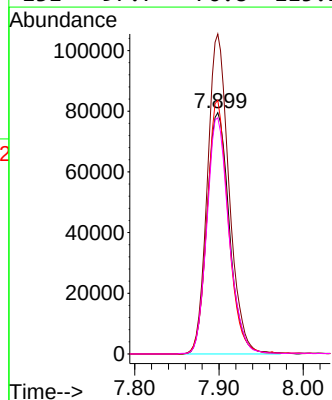
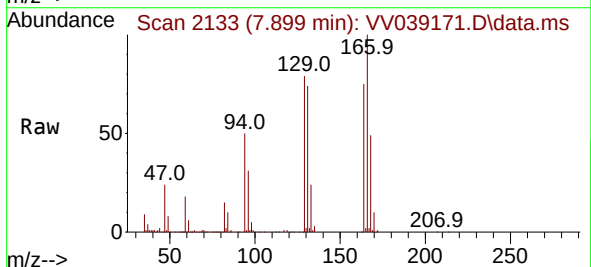
Instrument :
MSVOA_V
ClientSampleId :

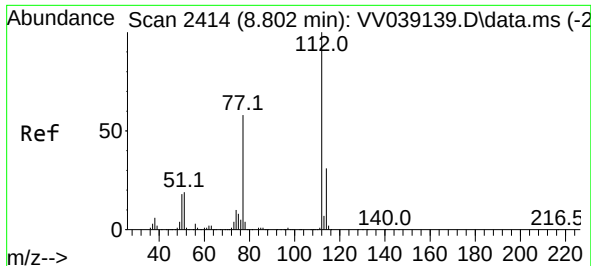
Tgt Ion:117 Resp: 871912
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 20.157 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion:164 Resp: 147205
Ion Ratio Lower Upper
164 100
166 132.6 101.6 152.4
129 105.2 78.5 117.7
131 97.7 76.8 115.2

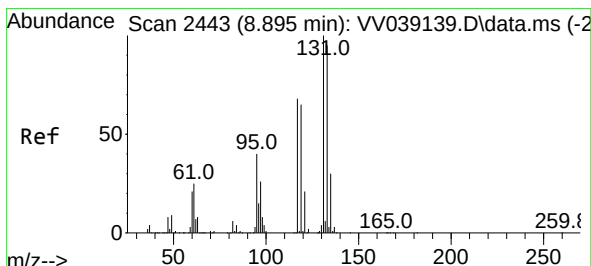
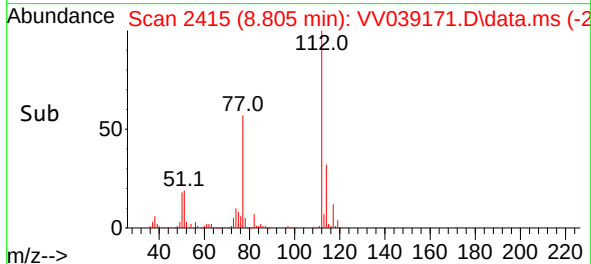
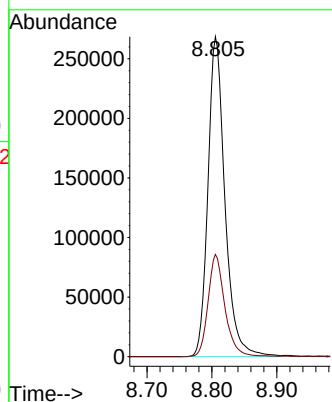
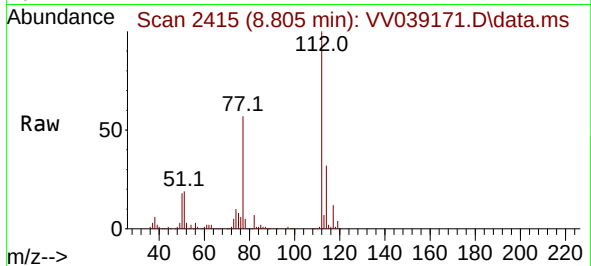




#65
Chlorobenzene
Concen: 20.108 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

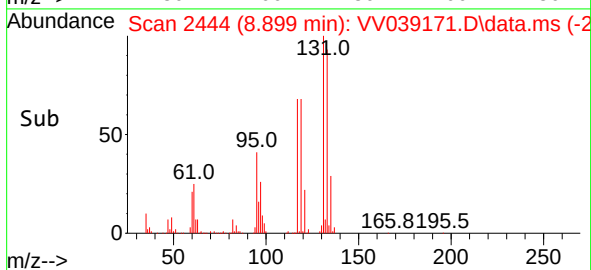
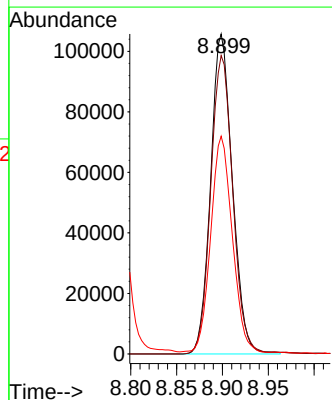
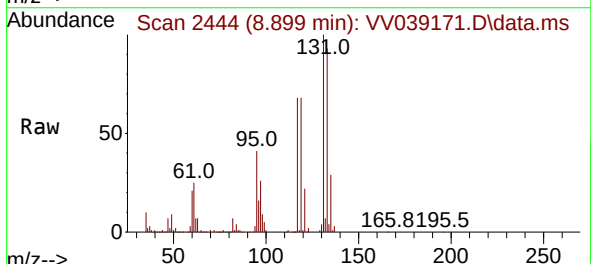
Instrument :
MSVOA_V
ClientSampleId :

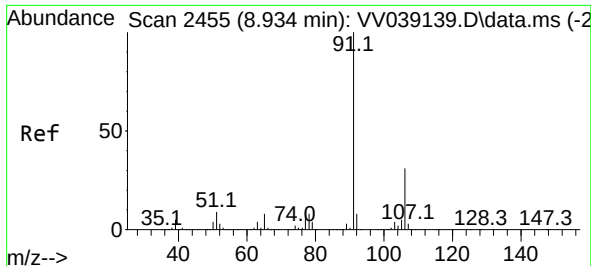
Tgt Ion:112 Resp: 488359
Ion Ratio Lower Upper
112 100
114 32.0 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.902 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion:131 Resp: 174648
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.8
119 67.1 33.3 99.8





#67

Ethyl Benzene

Concen: 20.032 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

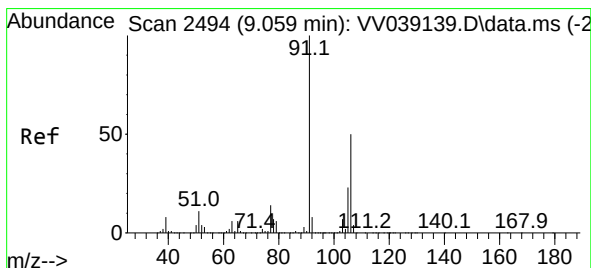
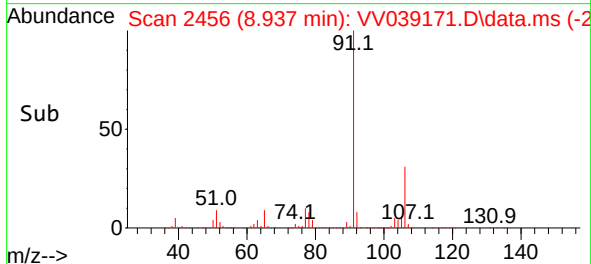
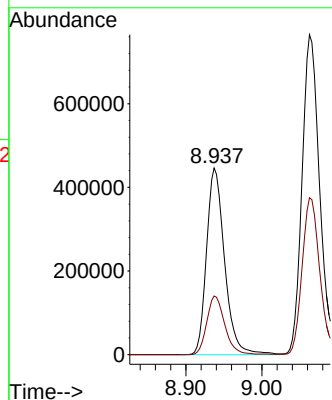
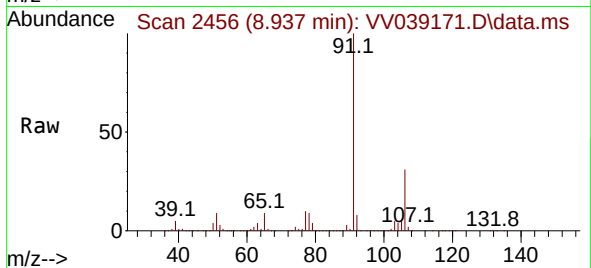
ClientSampleId :

Tgt Ion: 91 Resp: 736424

Ion Ratio Lower Upper

91 100

106 31.5 24.6 37.0



#68

m/p-Xylenes

Concen: 43.097 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039171.D

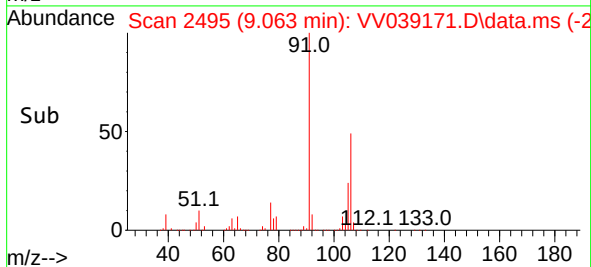
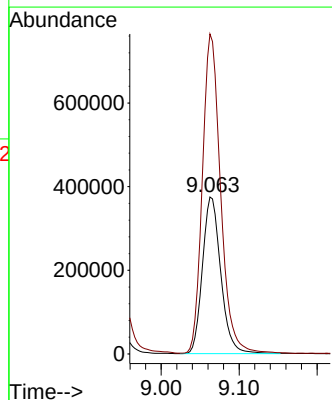
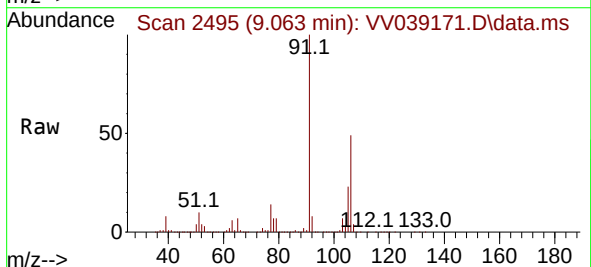
Acq: 25 Sep 2025 11:24

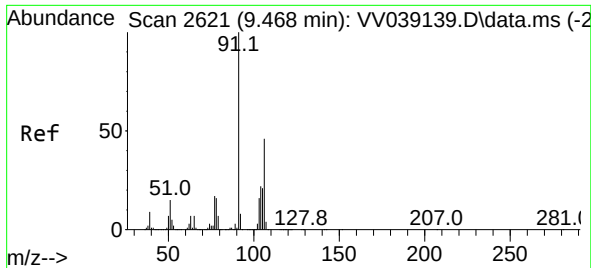
Tgt Ion: 106 Resp: 611502

Ion Ratio Lower Upper

106 100

91 203.3 162.5 243.7

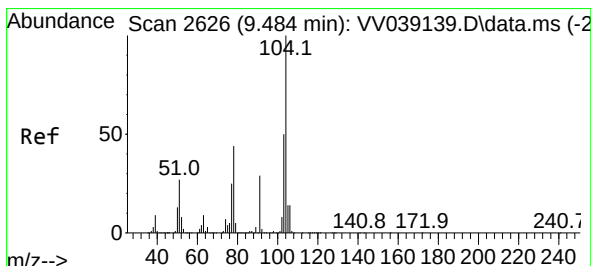
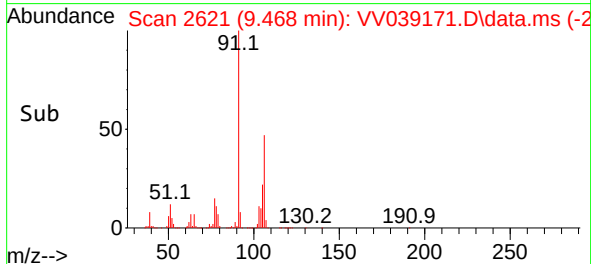
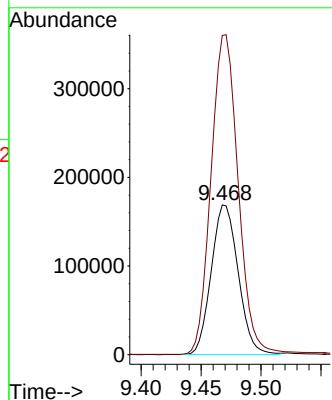
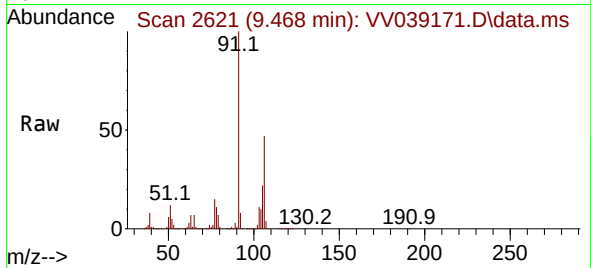




#69
o-Xylene
Concen: 20.955 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

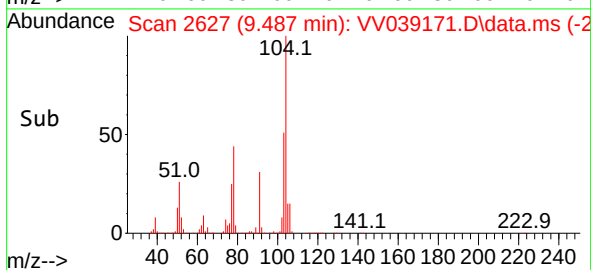
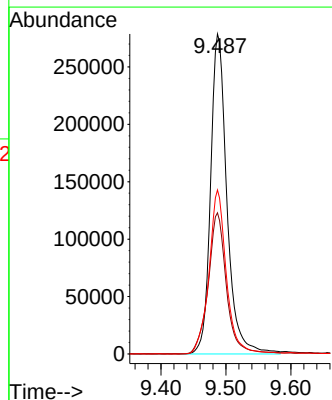
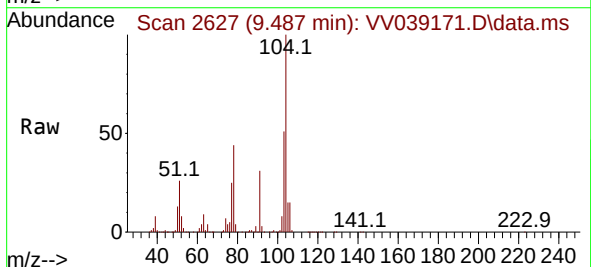
Instrument :
MSVOA_V
ClientSampleId :

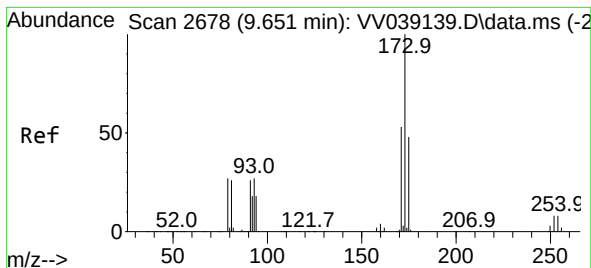
Tgt Ion:106 Resp: 263271
Ion Ratio Lower Upper
106 100
91 217.2 109.1 327.3



#70
Styrene
Concen: 19.311 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion:104 Resp: 489732
Ion Ratio Lower Upper
104 100
78 48.8 39.8 59.6
103 54.6 43.4 65.2





#71

Bromoform

Concen: 20.466 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

ClientSampleId :

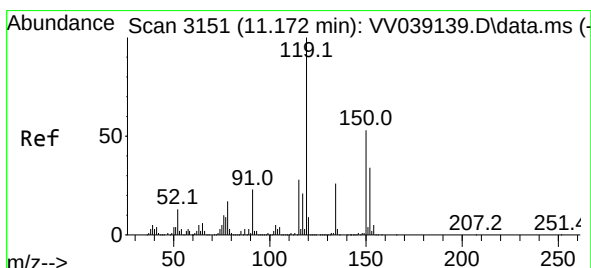
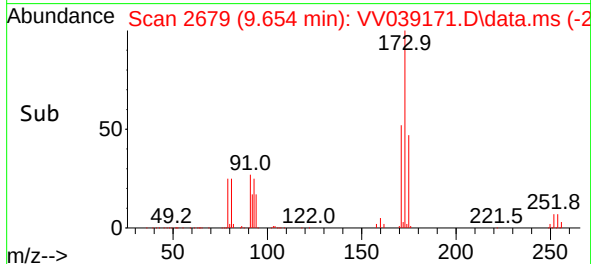
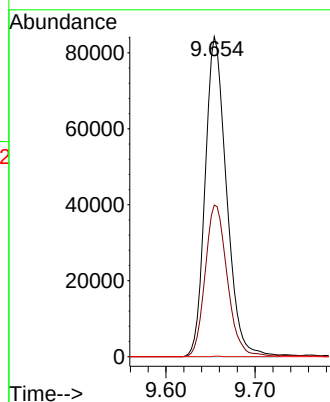
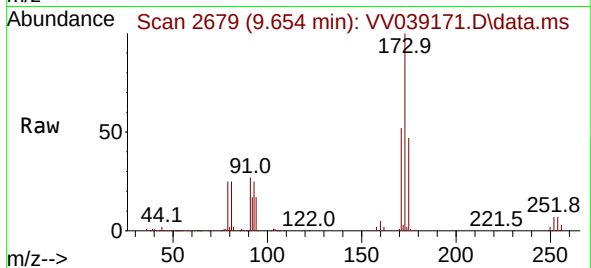
Tgt Ion:173 Resp: 140287

Ion Ratio Lower Upper

173 100

175 48.9 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: VV039171.D

Acq: 25 Sep 2025 11:24

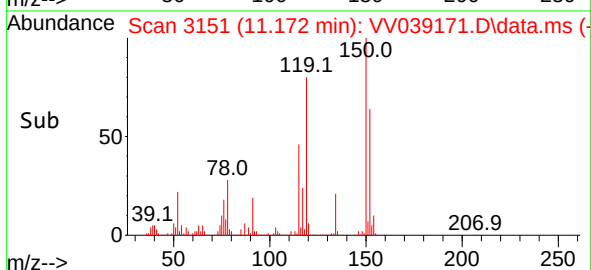
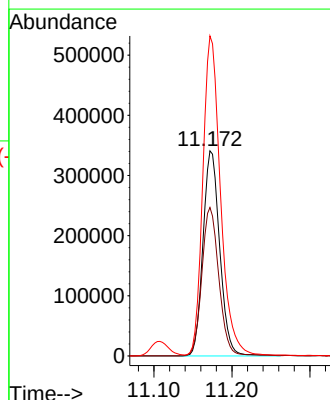
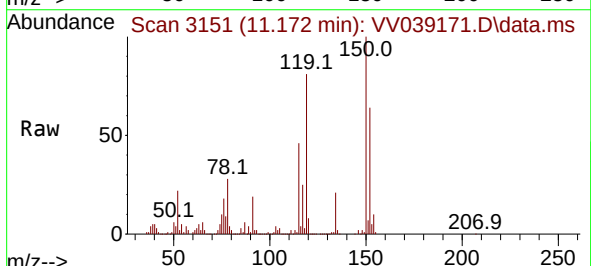
Tgt Ion:152 Resp: 508947

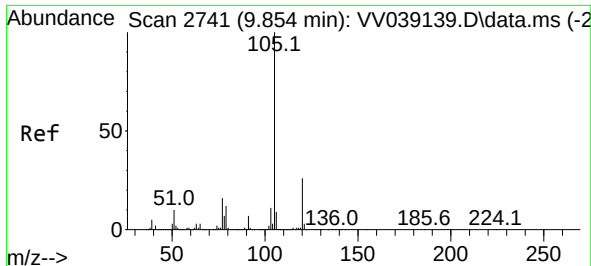
Ion Ratio Lower Upper

152 100

115 73.3 44.8 134.4

150 163.9 0.0 353.8

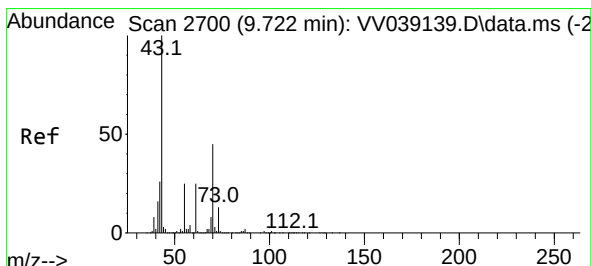
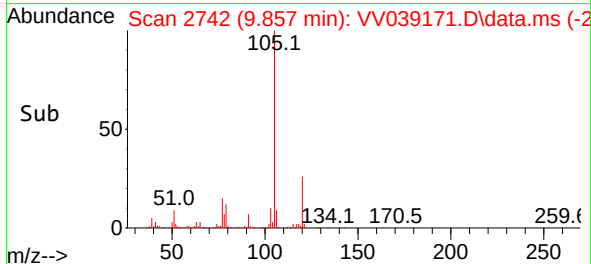
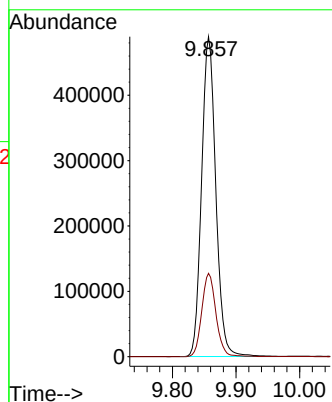
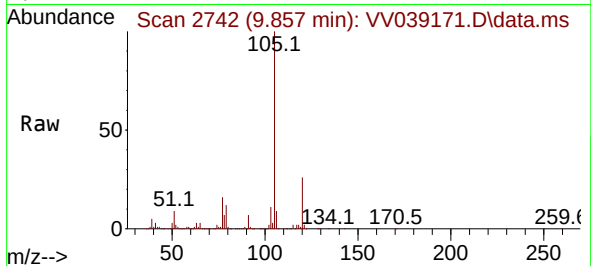




#73
Isopropylbenzene
Concen: 20.575 ug/l
RT: 9.857 min Scan# 2741
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

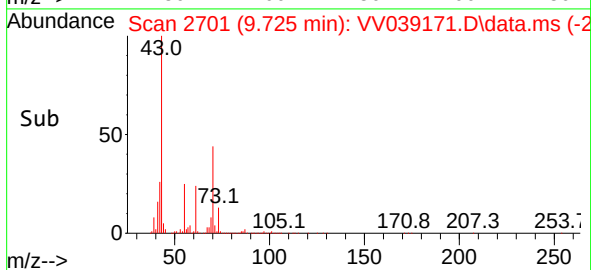
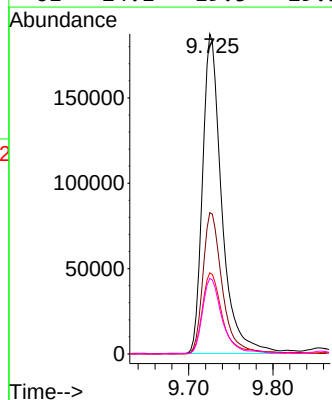
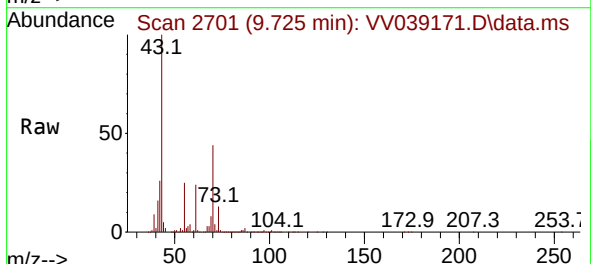
Instrument :
MSVOA_V
ClientSampleId :

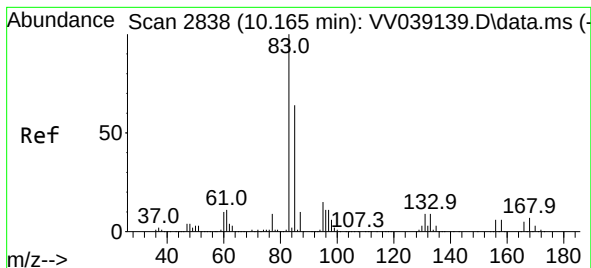
Tgt Ion:105 Resp: 759505
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 20.188 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 43 Resp: 297254
Ion Ratio Lower Upper
43 100
70 45.3 35.4 53.0
55 26.7 20.6 30.8
61 24.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.402 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

ClientSampleId :

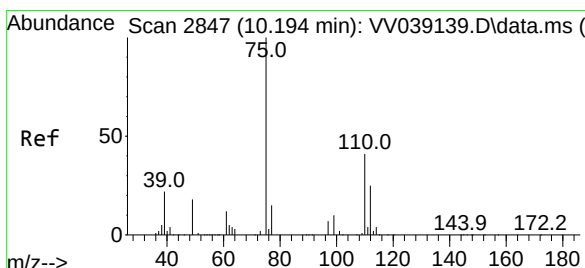
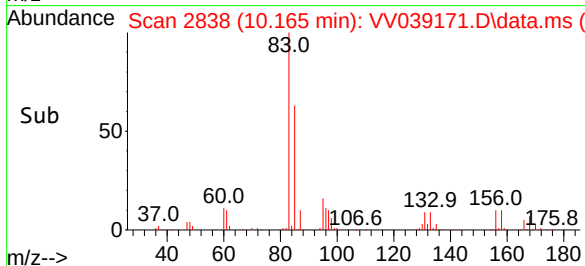
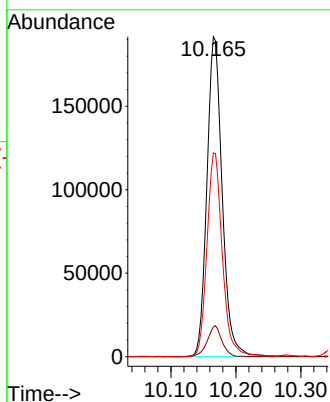
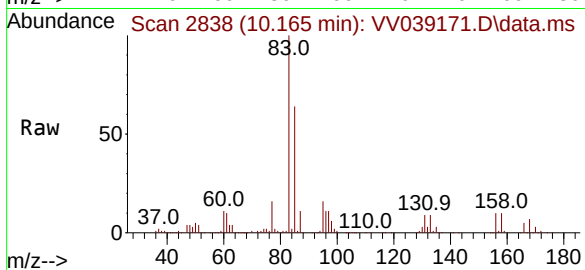
Tgt Ion: 83 Resp: 313809

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.7

85 64.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 19.665 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.003 min

Lab File: VV039171.D

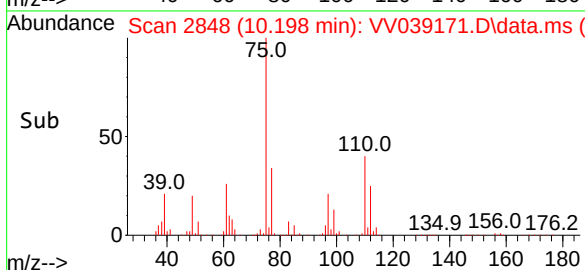
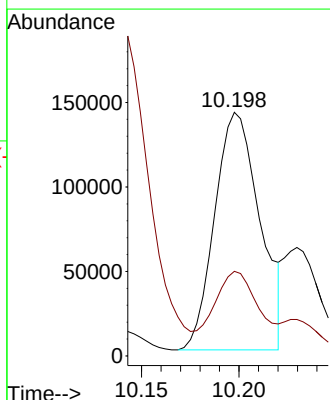
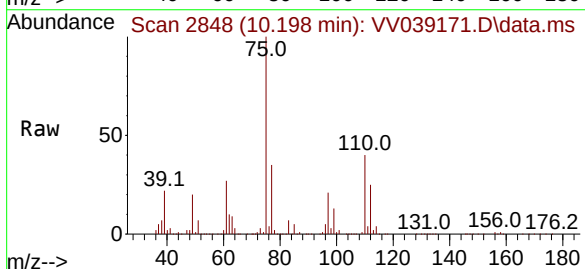
Acq: 25 Sep 2025 11:24

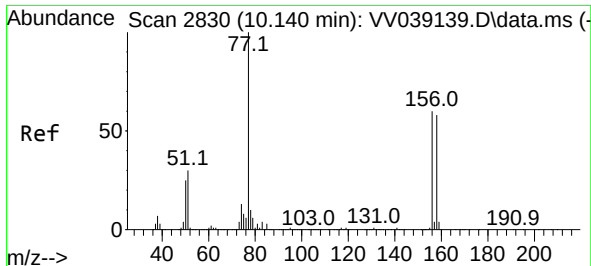
Tgt Ion: 75 Resp: 227880

Ion Ratio Lower Upper

75 100

77 21.6 11.3 33.8

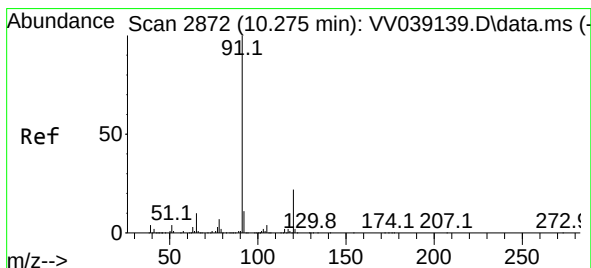
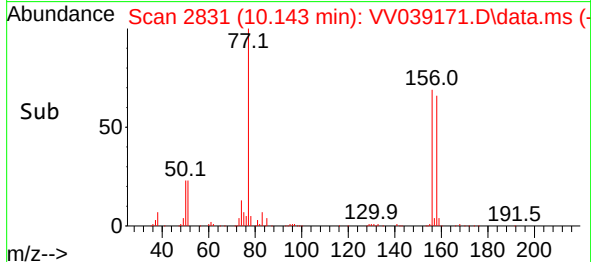
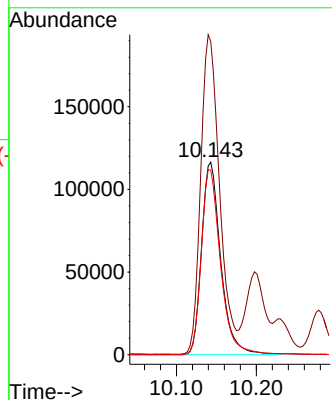
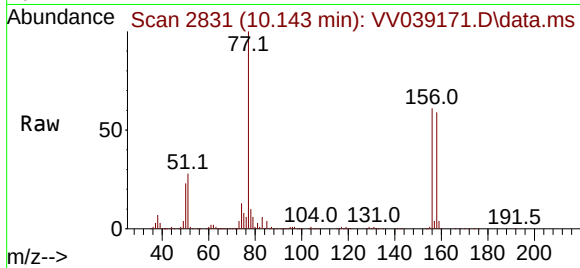




#77
Bromobenzene
Concen: 20.272 ug/l
RT: 10.143 min Scan# 2831
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

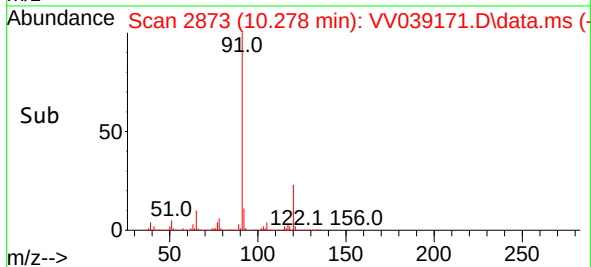
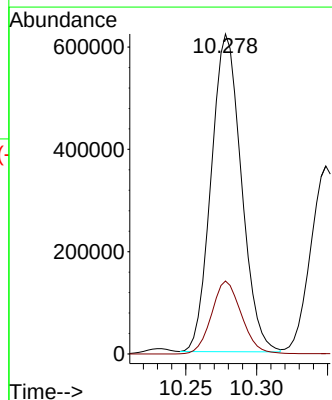
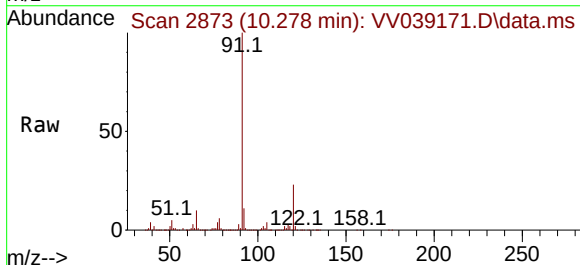
Instrument :
MSVOA_V
ClientSampleId :

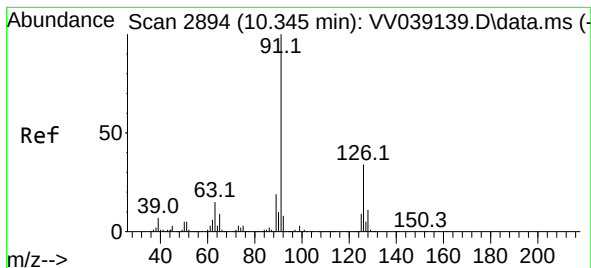
Tgt Ion:156 Resp: 194148
Ion Ratio Lower Upper
156 100
77 162.2 83.4 250.1
158 96.4 48.8 146.4



#78
n-propylbenzene
Concen: 20.420 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 91 Resp: 917928
Ion Ratio Lower Upper
91 100
120 22.9 11.1 33.3





#79

2-Chlorotoluene

Concen: 21.187 ug/l

RT: 10.349 min Scan# 2895

Delta R.T. 0.003 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

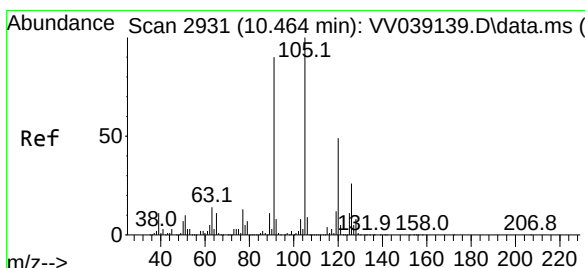
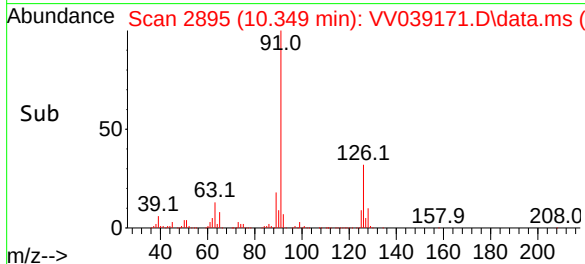
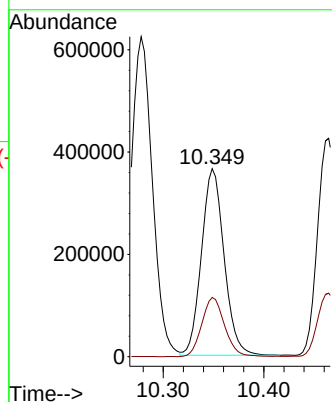
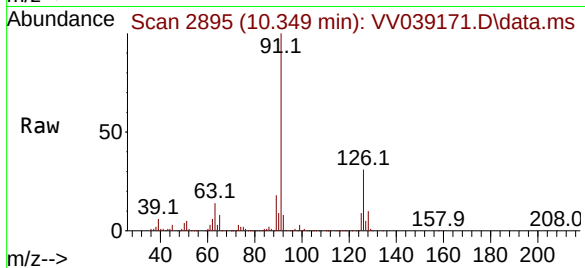
ClientSampleId :

Tgt Ion: 91 Resp: 569887

Ion Ratio Lower Upper

91 100

126 31.9 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 21.165 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. -0.000 min

Lab File: VV039171.D

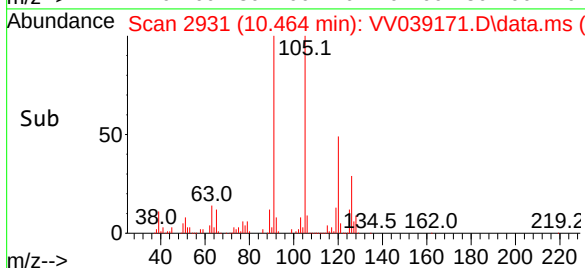
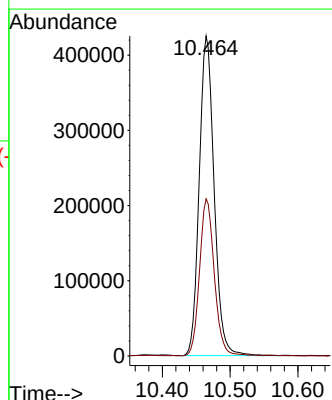
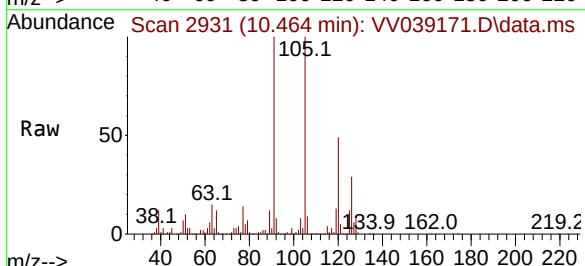
Acq: 25 Sep 2025 11:24

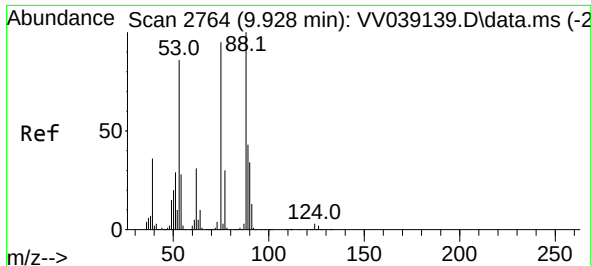
Tgt Ion: 105 Resp: 649406

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8

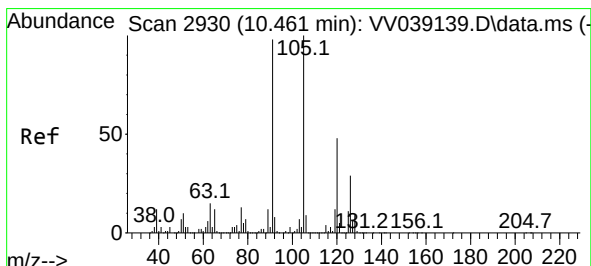
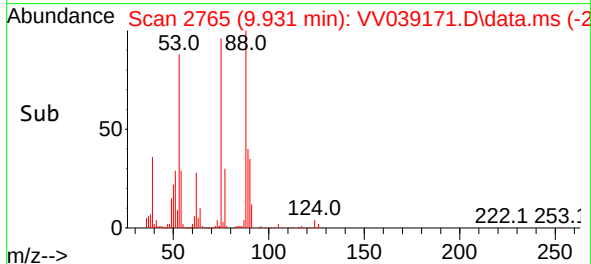
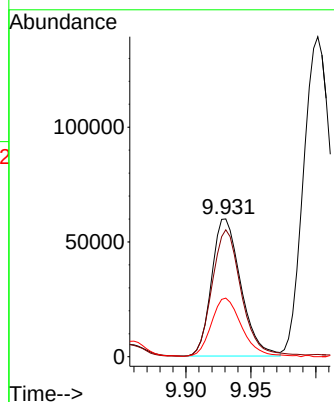
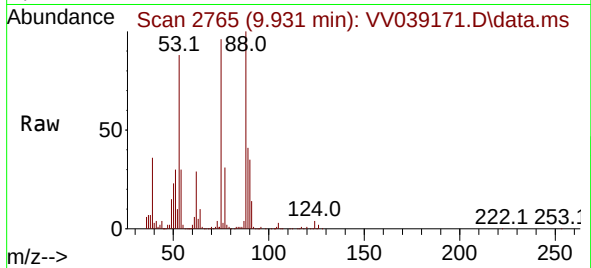




#81
trans-1,4-Dichloro-2-butene
Concen: 19.398 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

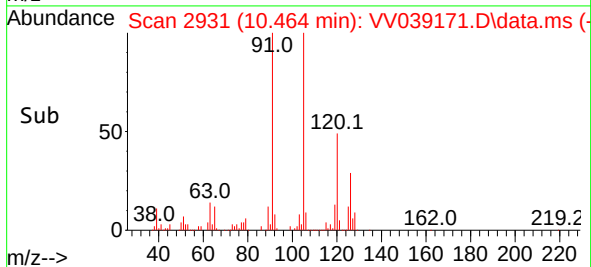
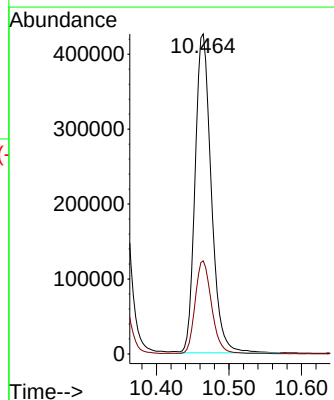
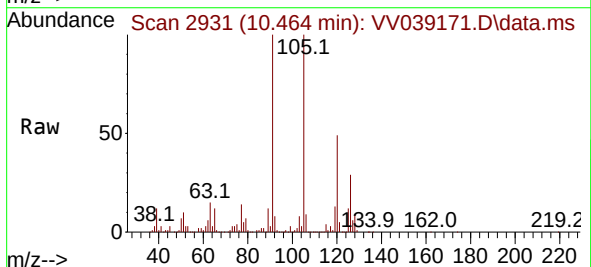
Instrument :
MSVOA_V
ClientSampleId :

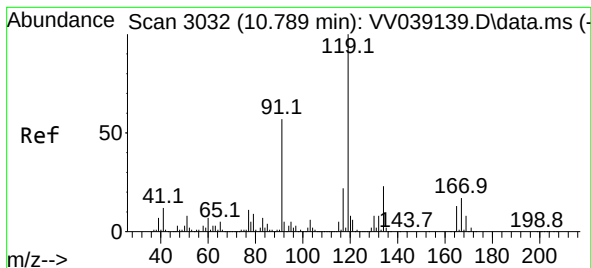
Tgt Ion: 75 Resp: 93631
Ion Ratio Lower Upper
75 100
53 92.0 72.5 108.7
89 44.7 37.2 55.8



#82
4-Chlorotoluene
Concen: 21.124 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 91 Resp: 658860
Ion Ratio Lower Upper
91 100
126 29.2 14.5 43.6





#83

tert-Butylbenzene

Concen: 19.587 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

ClientSampleId :

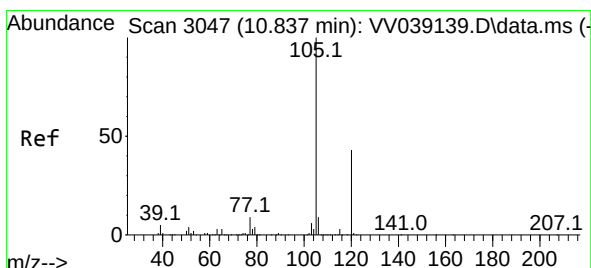
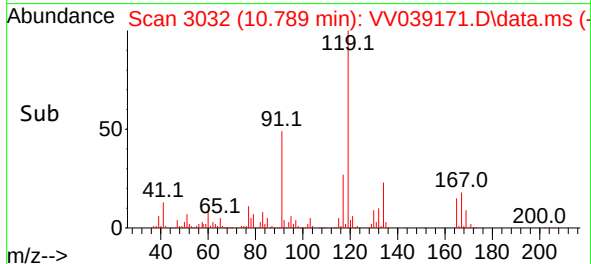
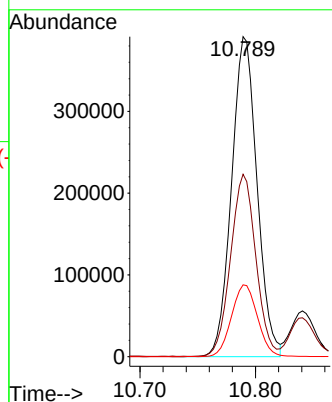
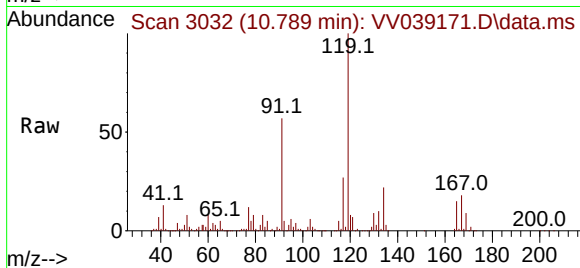
Tgt Ion:119 Resp: 599275

Ion Ratio Lower Upper

119 100

91 56.4 28.5 85.6

134 23.0 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 21.301 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039171.D

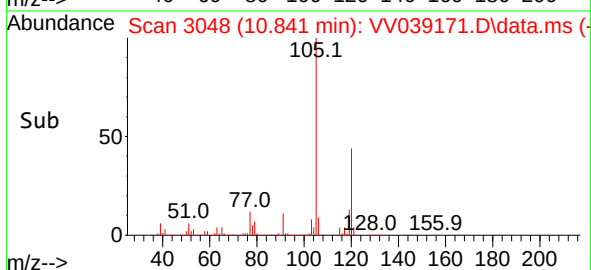
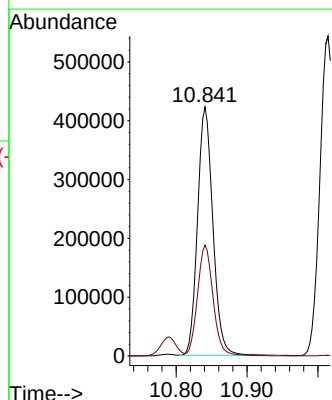
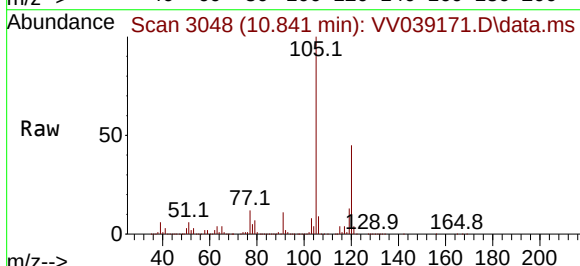
Acq: 25 Sep 2025 11:24

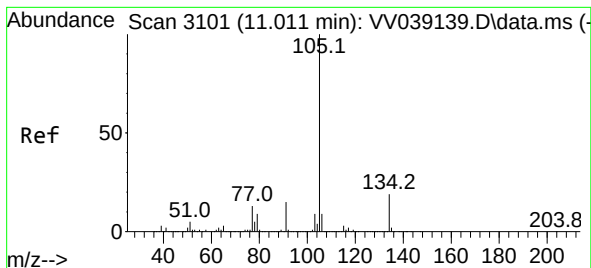
Tgt Ion:105 Resp: 634517

Ion Ratio Lower Upper

105 100

120 45.0 22.4 67.2





#85

sec-Butylbenzene

Concen: 20.078 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

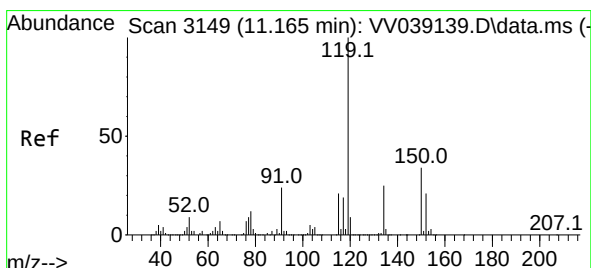
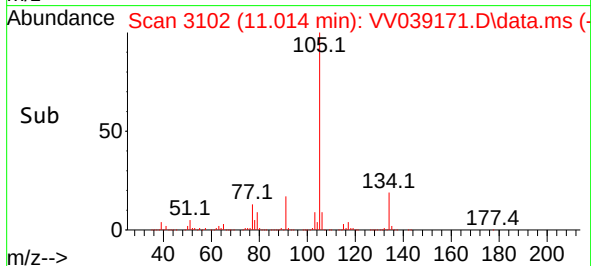
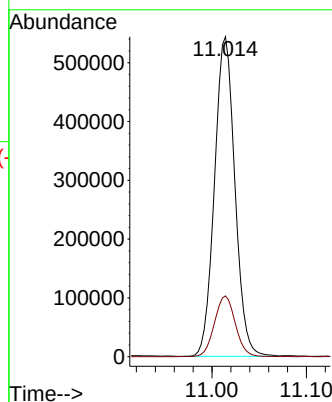
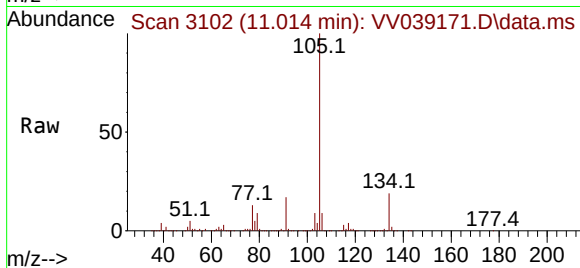
ClientSampleId :

Tgt Ion:105 Resp: 814764

Ion Ratio Lower Upper

105 100

134 19.5 9.6 28.8



#86

p-Isopropyltoluene

Concen: 20.505 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

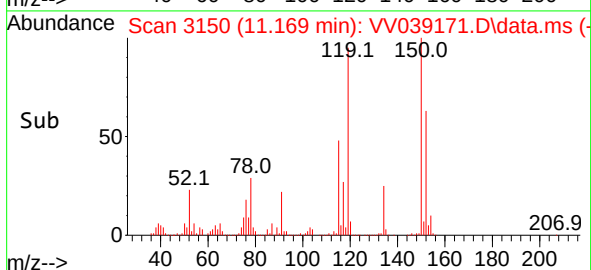
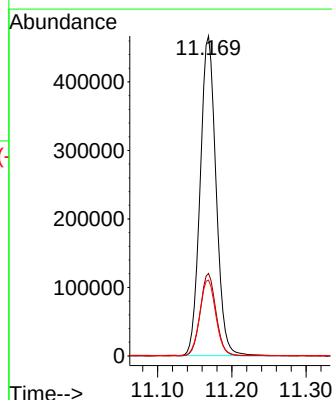
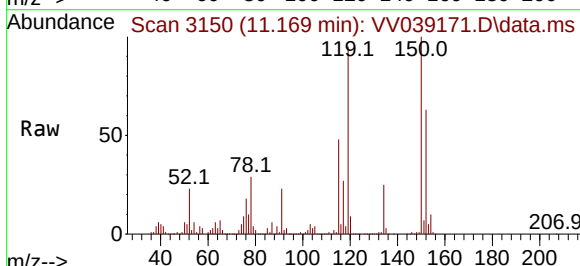
Tgt Ion:119 Resp: 692579

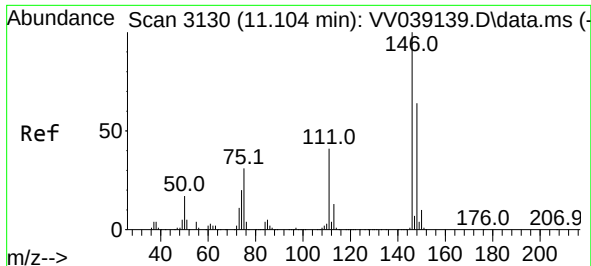
Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

91 23.8 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 19.629 ug/l

RT: 11.108 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

ClientSampleId :

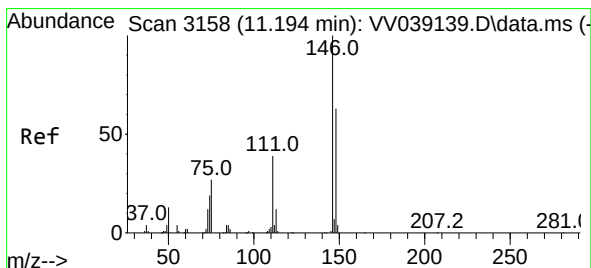
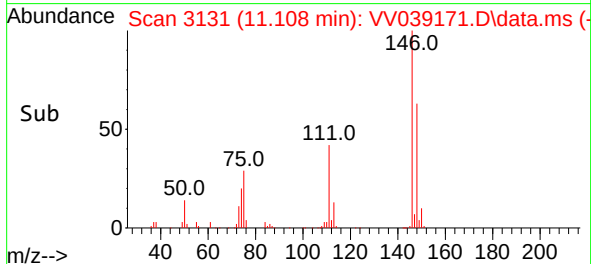
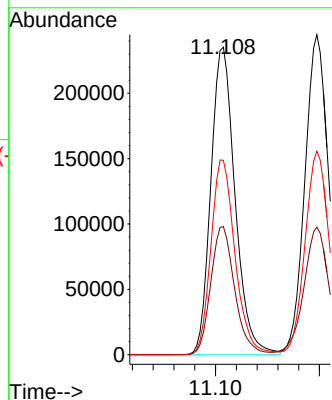
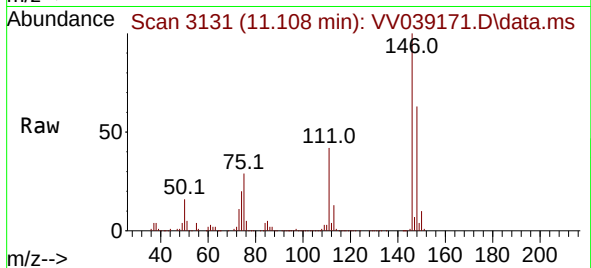
Tgt Ion:146 Resp: 380476

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.8

148 63.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 18.854 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.003 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

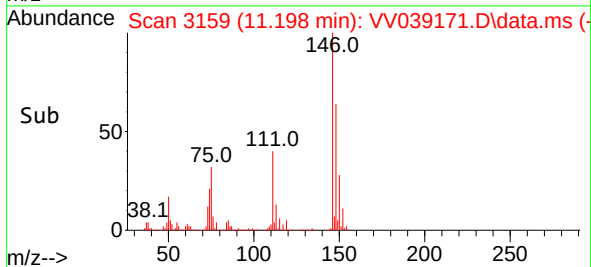
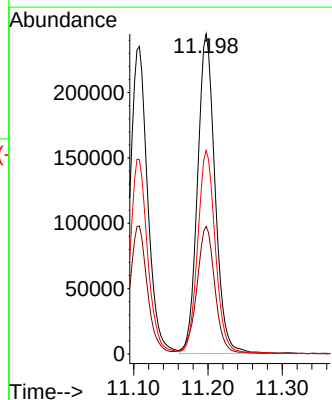
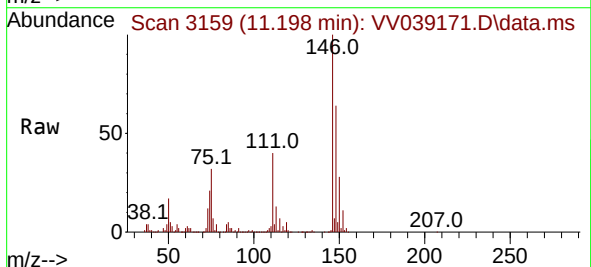
Tgt Ion:146 Resp: 400938

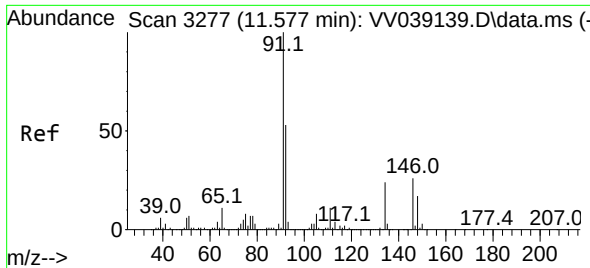
Ion Ratio Lower Upper

146 100

111 41.4 20.3 60.8

148 63.3 31.4 94.2

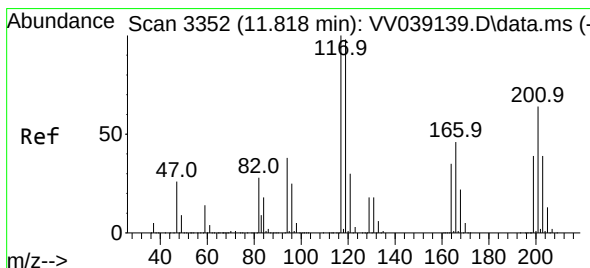
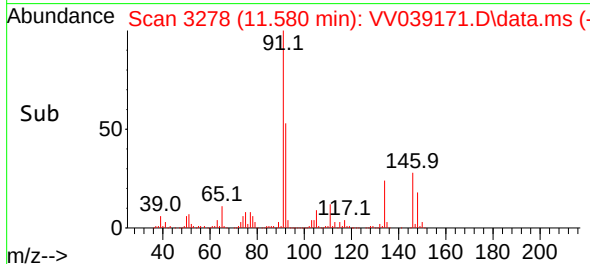
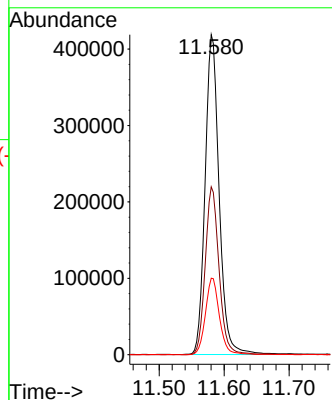
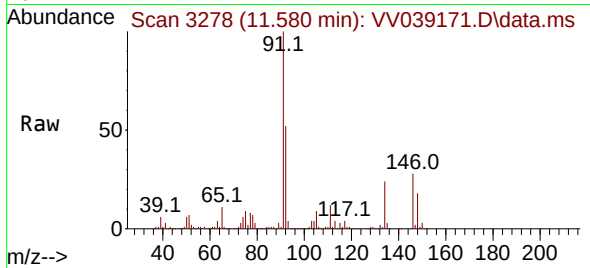




#89
n-Butylbenzene
Concen: 19.528 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

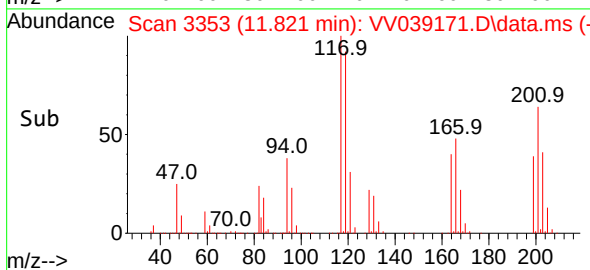
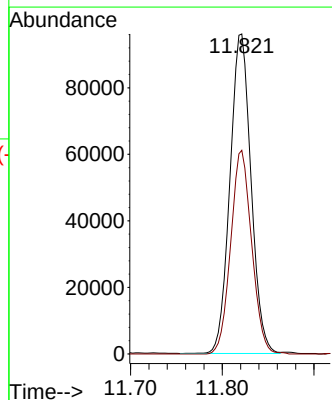
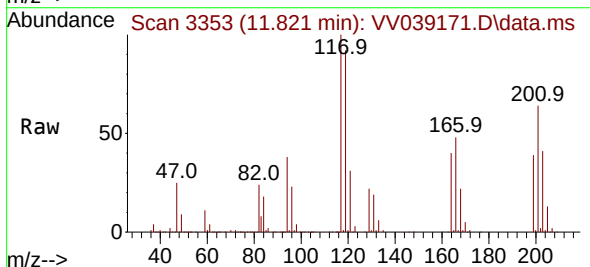
Instrument :
MSVOA_V
ClientSampleId :

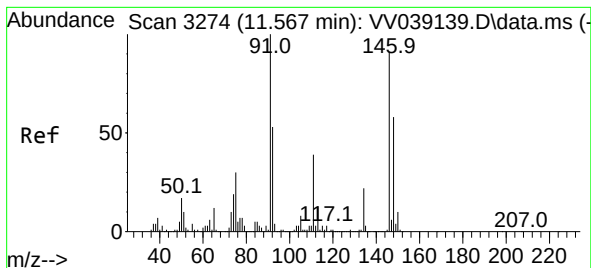
Tgt Ion: 91 Resp: 629906
Ion Ratio Lower Upper
91 100
92 51.6 26.6 79.8
134 23.9 12.1 36.3



#90
Hexachloroethane
Concen: 18.396 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 117 Resp: 153004
Ion Ratio Lower Upper
117 100
201 63.4 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 19.846 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

Instrument :

MSVOA_V

ClientSampleId :

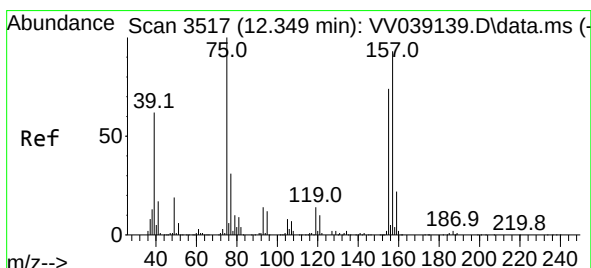
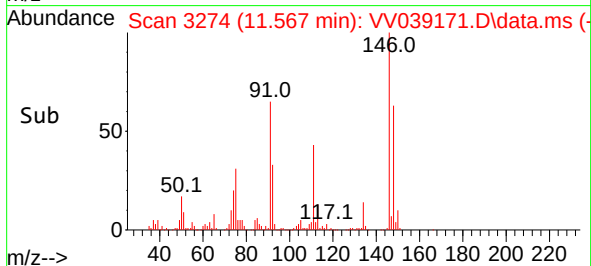
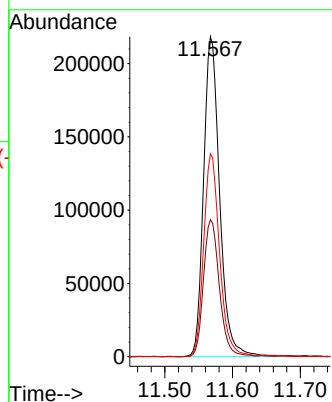
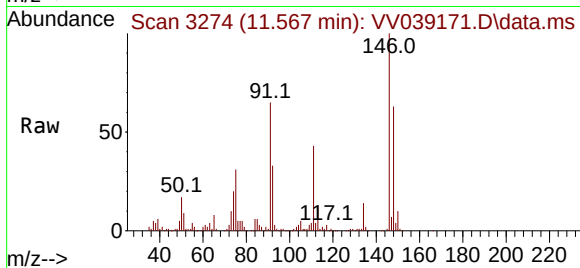
Tgt Ion:146 Resp: 359391

Ion Ratio Lower Upper

146 100

111 42.2 21.5 64.5

148 62.9 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.105 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039171.D

Acq: 25 Sep 2025 11:24

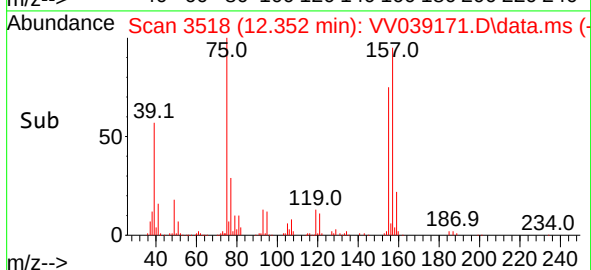
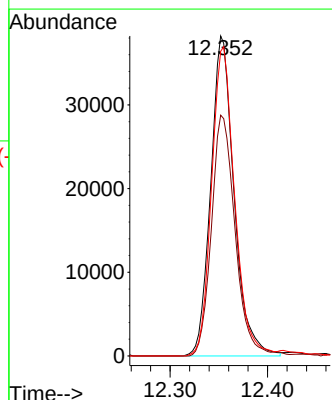
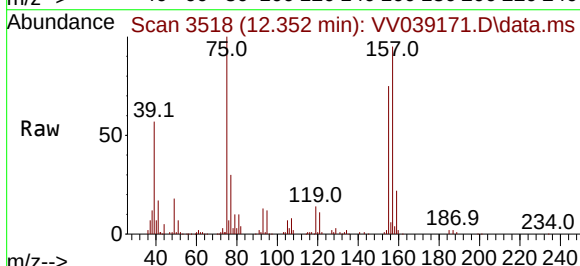
Tgt Ion: 75 Resp: 63577

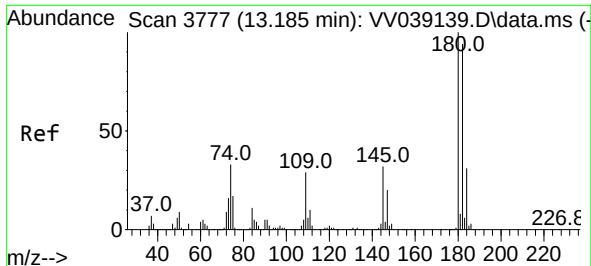
Ion Ratio Lower Upper

75 100

155 76.5 38.6 115.8

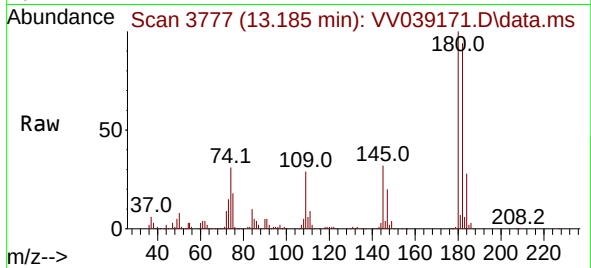
157 95.7 49.5 148.3



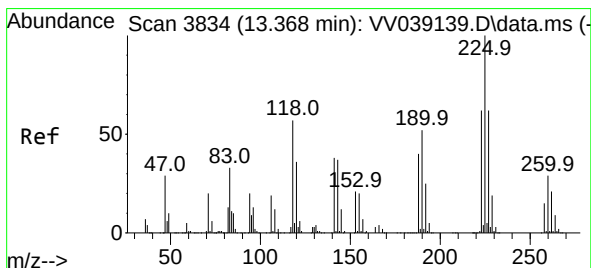
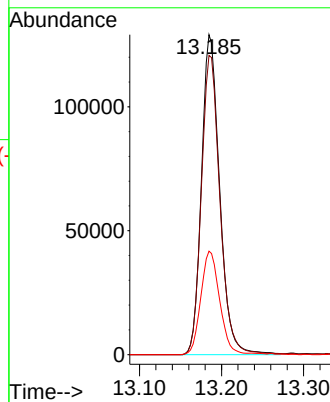
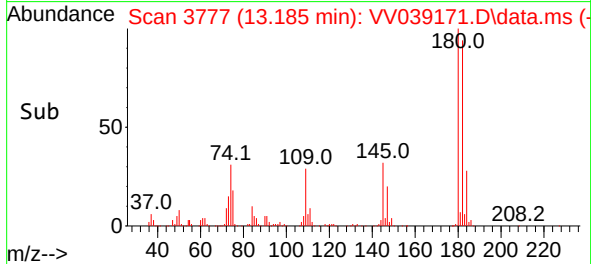


#93
1,2,4-Trichlorobenzene
Concen: 19.155 ug/l
RT: 13.185 min Scan# 3777
Delta R.T. -0.000 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Instrument :
MSVOA_V
ClientSampleId :

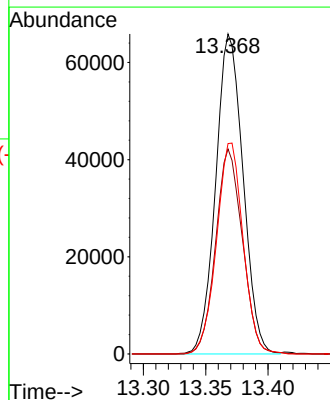
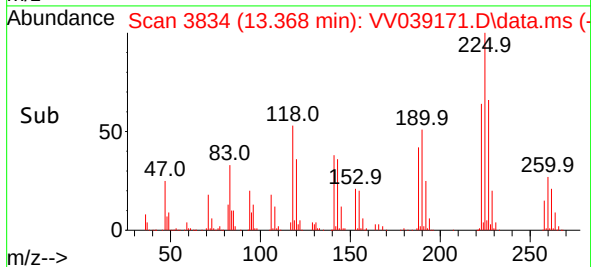
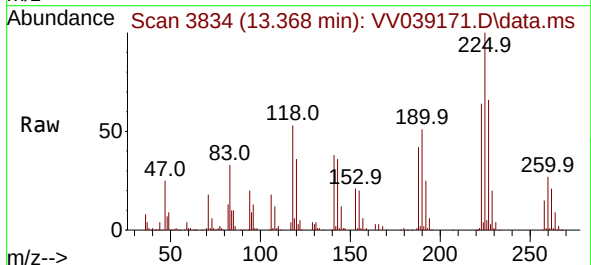


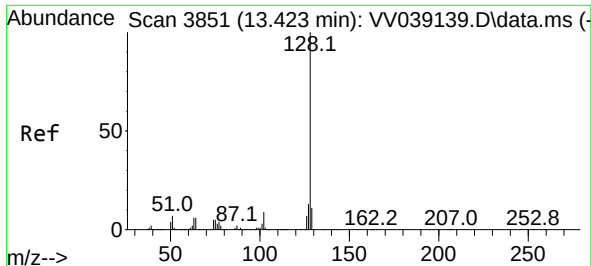
Tgt Ion:180 Resp: 198844
Ion Ratio Lower Upper
180 100
182 95.6 47.1 141.4
145 33.6 16.3 48.8



#94
Hexachlorobutadiene
Concen: 18.672 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion:225 Resp: 100713
Ion Ratio Lower Upper
225 100
223 62.7 31.6 94.7
227 64.0 31.8 95.4

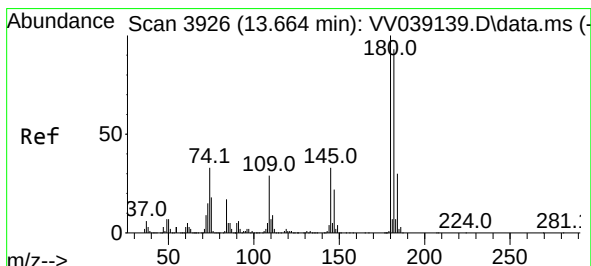
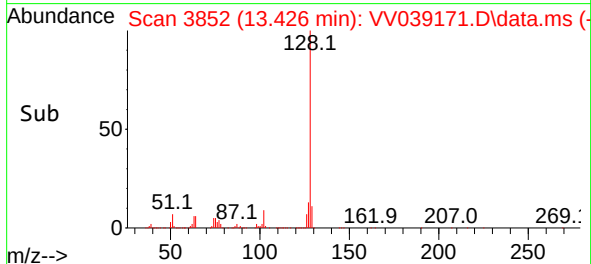
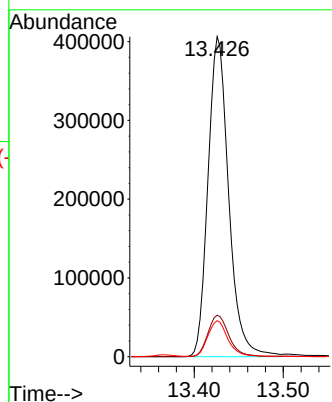
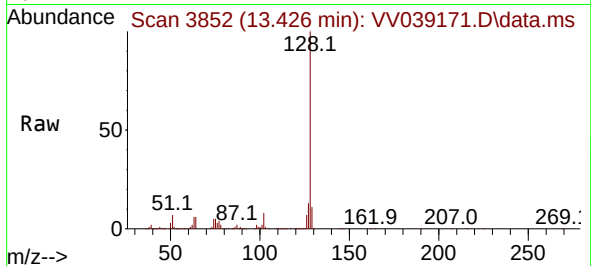




#95
Naphthalene
Concen: 19.499 ug/l
RT: 13.426 min Scan# 3851
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 654241
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.856 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.003 min
Lab File: VV039171.D
Acq: 25 Sep 2025 11:24

Tgt Ion:180 Resp: 210809
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.8
145 34.0 17.0 51.0

