

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW092625\
 Data File : VW039219.D
 Acq On : 26 Sep 2025 17:35
 Operator : SY/MD
 Sample : Q3195-20MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 29 07:54:39 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	536263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	799353	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	781290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	491363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	324652	41.829	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	83.660%
35) Dibromofluoromethane	4.500	113	316310	49.222	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	98.440%
50) Toluene-d8	7.236	98	920323	48.762	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	10.001	95	421785	54.285	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	108.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	414447	48.821	ug/l	98
3) Chloromethane	1.230	50	393317	43.159	ug/l	99
4) Vinyl Chloride	1.298	62	438178	44.912	ug/l	100
5) Bromomethane	1.494	94	277145	45.062	ug/l	99
6) Chloroethane	1.558	64	276597	48.011	ug/l	94
7) Trichlorofluoromethane	1.725	101	644877	45.654	ug/l	99
8) Diethyl Ether	1.918	74	244037	46.538	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.082	101	409145	48.681	ug/l	98
10) Methyl Iodide	2.198	142	392800	49.078	ug/l	99
11) Tert butyl alcohol	2.568	59	403011	245.682	ug/l	98
12) 1,1-Dichloroethene	2.082	96	383659	47.451	ug/l	91
13) Acrolein	2.011	56	58635	205.997	ug/l	98
14) Allyl chloride	2.359	41	629423	43.580	ug/l	96
15) Acrylonitrile	2.674	53	1189300	226.167	ug/l	98
16) Acetone	2.118	43	913417	186.253	ug/l	96
17) Carbon Disulfide	2.253	76	1079230	43.645	ug/l	99
18) Methyl Acetate	2.378	43	536729	46.674	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	1213872	47.114	ug/l	99
20) Methylene Chloride	2.458	84	438860	52.513	ug/l	92
21) trans-1,2-Dichloroethene	2.703	96	405904	47.157	ug/l	96
22) Diisopropyl ether	3.217	45	1220946	44.184	ug/l	98
23) Vinyl Acetate	3.188	43	5245685	217.004	ug/l	97
24) 1,1-Dichloroethane	3.117	63	756844	44.787	ug/l	99
25) 2-Butanone	3.867	43	1363305	219.356	ug/l	96
26) 2,2-Dichloropropane	3.812	77	572935	38.238	ug/l	98
27) cis-1,2-Dichloroethene	3.818	96	455574	47.990	ug/l	94
28) Bromochloromethane	4.146	49	329497	44.168	ug/l	90
29) Tetrahydrofuran	4.236	42	930279	239.138	ug/l	97
30) Chloroform	4.278	83	781187	44.271	ug/l	99
31) Cyclohexane	4.584	56	553306	39.970	ug/l	98
32) 1,1,1-Trichloroethane	4.513	97	672883	44.047	ug/l	98
36) 1,1-Dichloropropene	4.744	75	494580	50.905	ug/l	99
37) Ethyl Acetate	3.976	43	529273	44.894	ug/l	97
38) Carbon Tetrachloride	4.735	117	575703	48.484	ug/l	98
39) Methylcyclohexane	6.047	83	539589	45.989	ug/l	98
40) Benzene	5.008	78	1597697	50.500	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	242409	45.650	ug/l	94
42) 1,2-Dichloroethane	5.040	62	524192	47.286	ug/l	98
43) Isopropyl Acetate	5.195	43	799837	49.758	ug/l	98
44) Trichloroethene	5.828	130	425039	58.220	ug/l	100
45) 1,2-Dichloropropane	6.088	63	406783	51.728	ug/l	98
46) Dibromomethane	6.223	93	307252	51.049	ug/l	96
47) Bromodichloromethane	6.426	83	617902	49.659	ug/l	98
48) Methyl methacrylate	6.294	41	378323	51.921	ug/l	94
49) 1,4-Dioxane	6.291	88	142630	1212.949	ug/l	97
51) 4-Methyl-2-Pentanone	7.146	43	2870123	271.406	ug/l	97
52) Toluene	7.307	92	1010036	55.062	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	576194	53.136	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	579340	48.395	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	430777	52.374	ug/l	97
56) Ethyl methacrylate	7.715	69	556043	56.926	ug/l	96
57) 1,3-Dichloropropane	7.934	76	671674	51.745	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.780	63	2549	10.067	ug/l #	47
59) 2-Hexanone	8.063	43	2133675	249.959	ug/l	96
60) Dibromochloromethane	8.166	129	482876	51.523	ug/l	99
61) 1,2-Dibromoethane	8.272	107	454614	54.046	ug/l	99
64) Tetrachloroethene	7.895	164	337455	51.567	ug/l	99
65) Chlorobenzene	8.802	112	1105226	50.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	397374	50.535	ug/l	98
67) Ethyl Benzene	8.937	91	1813049	55.037	ug/l	99
68) m/p-Xylenes	9.063	106	1486759	116.935	ug/l	100
69) o-Xylene	9.468	106	653952	58.089	ug/l	99
70) Styrene	9.484	104	1243325	52.085	ug/l	99
71) Bromoform	9.654	173	335756	54.664	ug/l #	99
73) Isopropylbenzene	9.857	105	1790695	50.246	ug/l	100
74) N-amyl acetate	9.725	43	720904	50.712	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.165	83	697351	44.658	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	528208	47.214	ug/l	97
77) Bromobenzene	10.140	156	451102	48.787	ug/l	97
78) n-propylbenzene	10.278	91	2180325	50.239	ug/l	99
79) 2-Chlorotoluene	10.345	91	1318891	50.787	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1540394	52.001	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	225086	48.300	ug/l	97
82) 4-Chlorotoluene	10.461	91	1584402	52.616	ug/l	99
83) tert-Butylbenzene	10.789	119	1429044	48.380	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	1537396	53.458	ug/l	99
85) sec-Butylbenzene	11.011	105	1836646	46.879	ug/l	99
86) p-Isopropyltoluene	11.165	119	1567234	48.062	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	891327	47.631	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	934407	45.513	ug/l	99
89) n-Butylbenzene	11.580	91	1476722	47.418	ug/l	100
90) Hexachloroethane	11.821	117	319577	39.798	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	831500	47.559	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	140601	50.047	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	476557	47.551	ug/l	99
94) Hexachlorobutadiene	13.368	225	188211	36.142	ug/l	99
95) Naphthalene	13.423	128	1772806	54.728	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	486738	47.485	ug/l	97

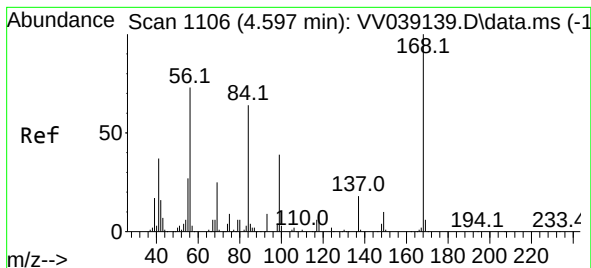
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039219.D

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Instrument :

MSVOA_V

ClientSampleId :

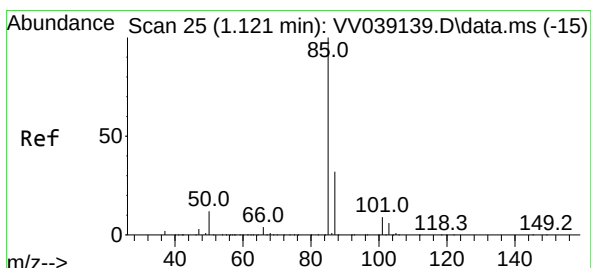
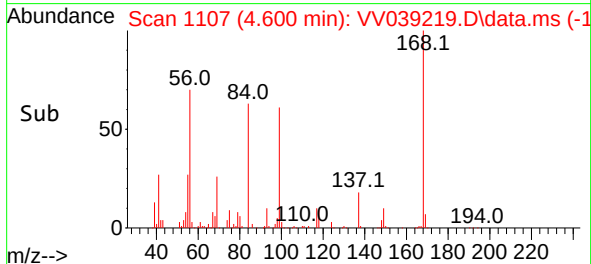
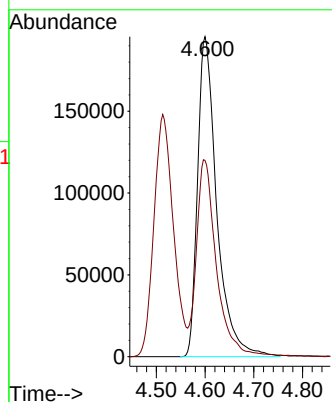
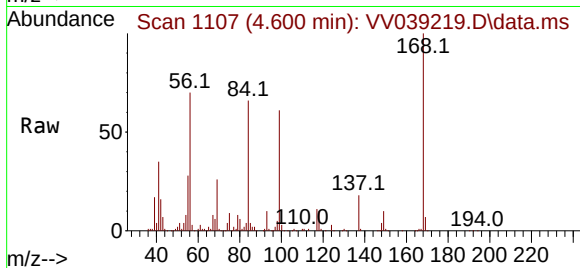
VSTDCCC050EC

Tgt Ion:168 Resp: 536263

Ion Ratio Lower Upper

168 100

99 60.9 49.6 74.4



#2

Dichlorodifluoromethane

Concen: 48.821 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039219.D

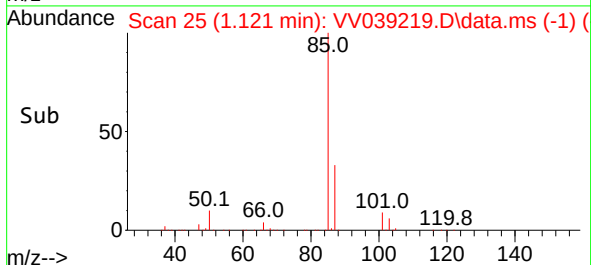
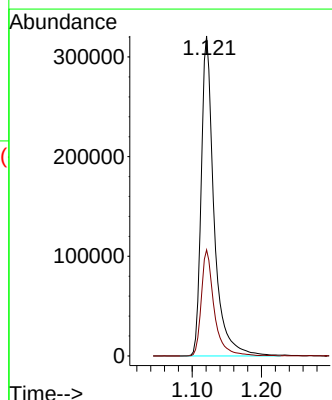
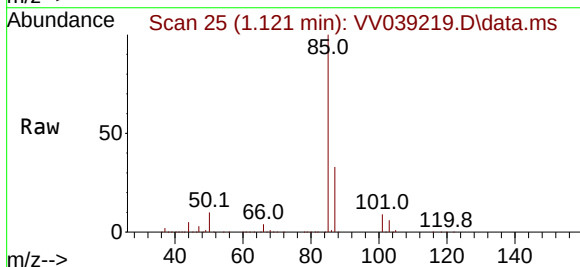
Acq: 26 Sep 2025 17:35

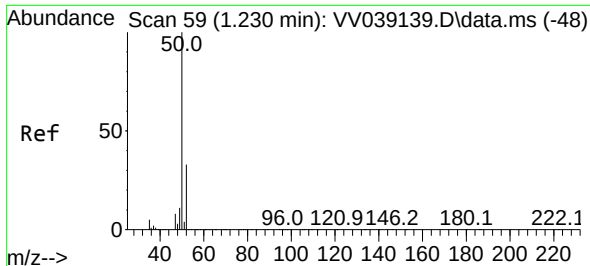
Tgt Ion: 85 Resp: 414447

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9

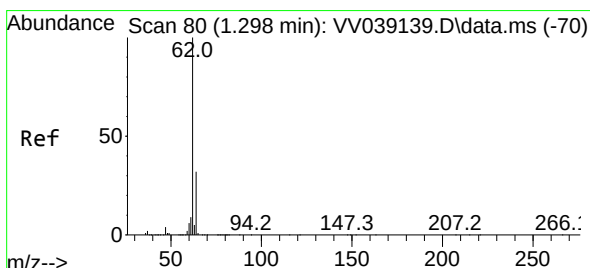
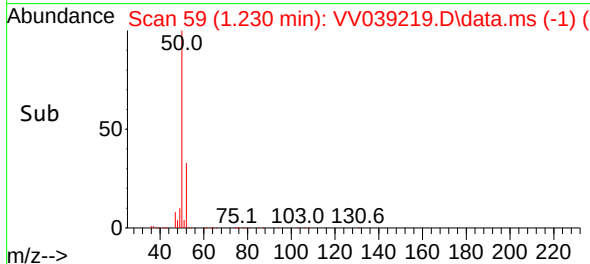
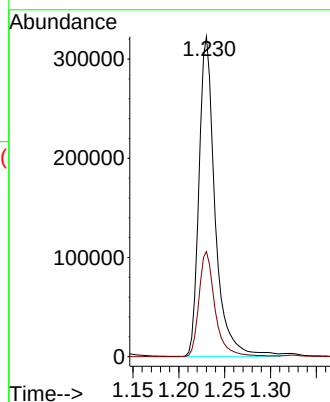
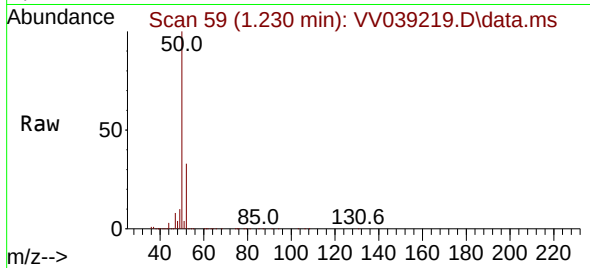




#3
Chloromethane
Concen: 43.159 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

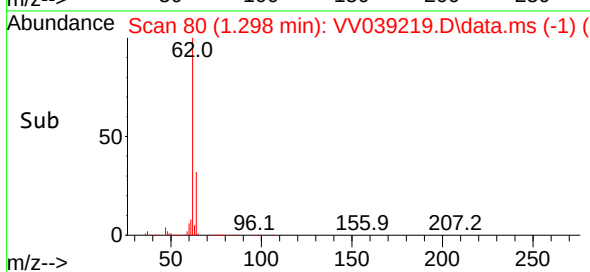
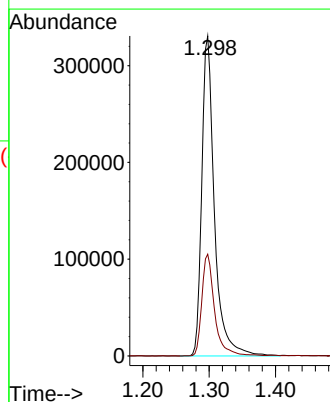
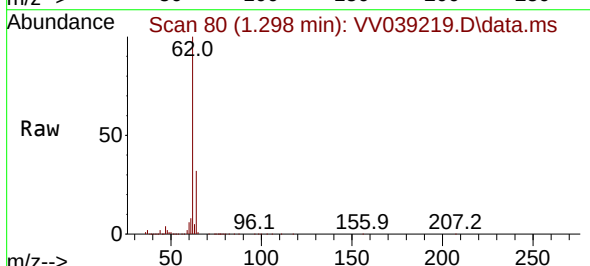
Instrument :
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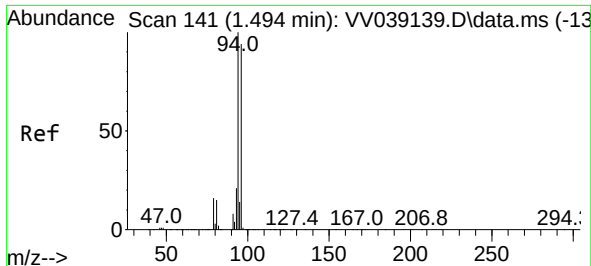
Tgt Ion: 50 Resp: 393317
Ion Ratio Lower Upper
50 100
52 32.9 26.0 39.0



#4
Vinyl Chloride
Concen: 44.912 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 62 Resp: 438178
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4

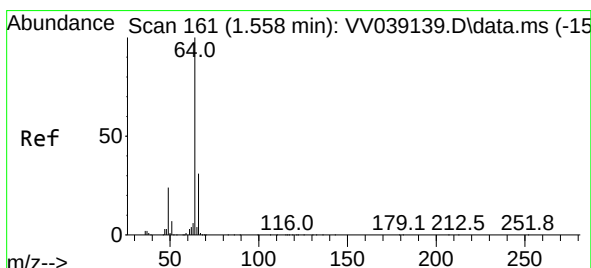
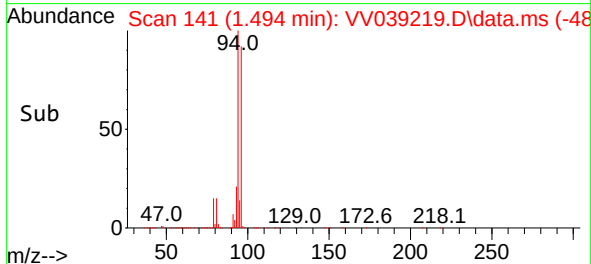
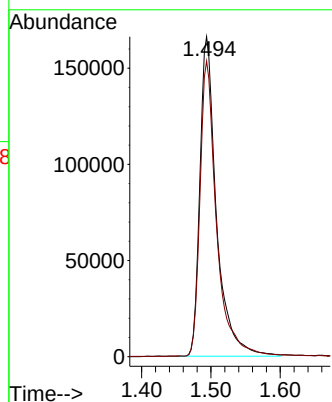
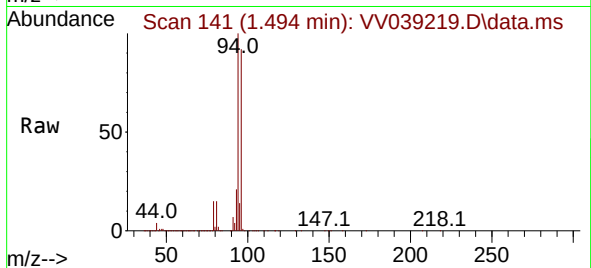




#5
Bromomethane
Concen: 45.062 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

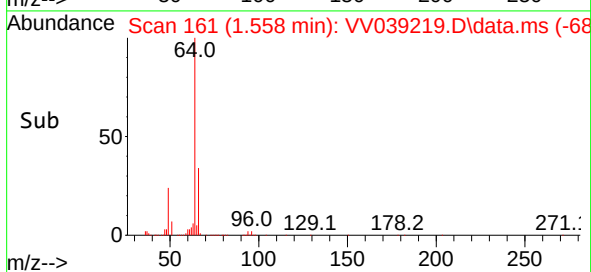
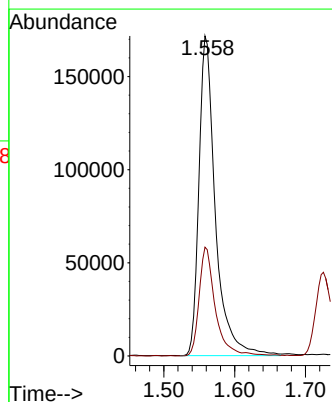
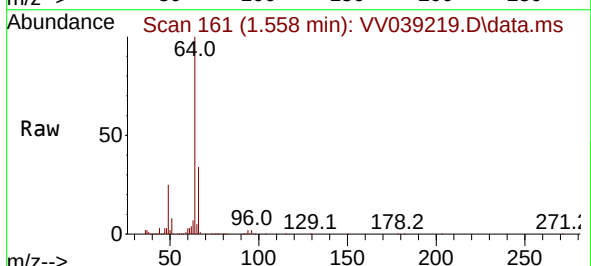
Instrument :
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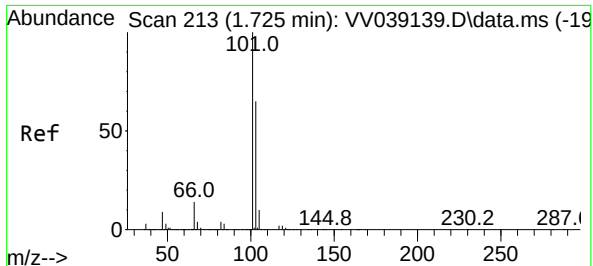
Tgt Ion: 94 Resp: 277145
Ion Ratio Lower Upper
94 100
96 92.3 74.9 112.3



#6
Chloroethane
Concen: 48.011 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 64 Resp: 276597
Ion Ratio Lower Upper
64 100
66 33.9 24.6 36.8

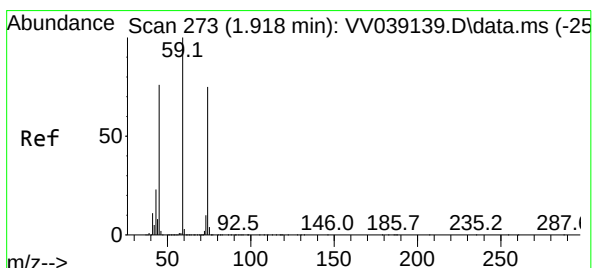
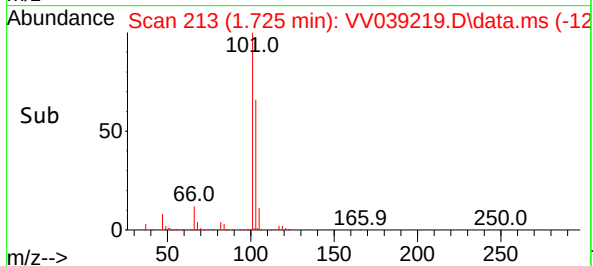
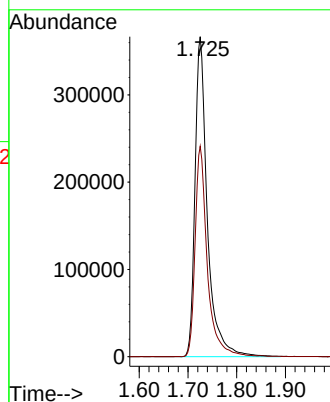
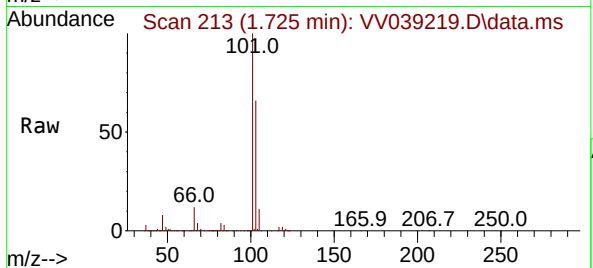




#7
Trichlorofluoromethane
Concen: 45.654 ug/l
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

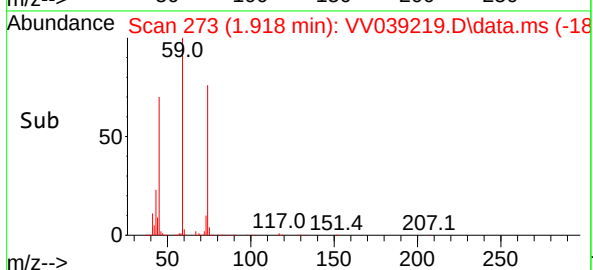
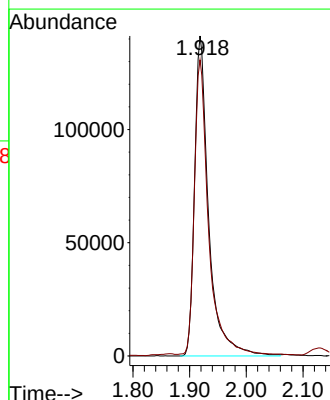
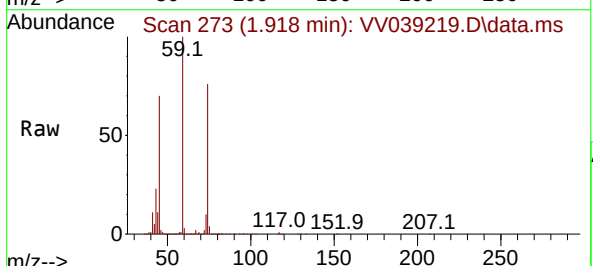
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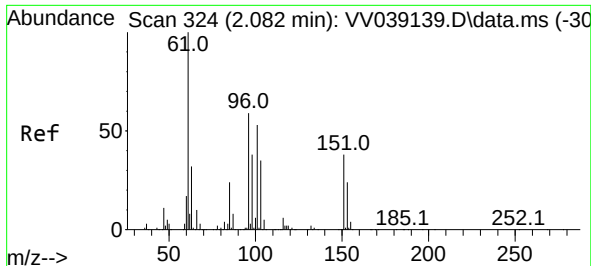
Tgt Ion:101 Resp: 644877
Ion Ratio Lower Upper
101 100
103 65.7 52.0 78.0



#8
Diethyl Ether
Concen: 46.538 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 74 Resp: 244037
Ion Ratio Lower Upper
74 100
45 92.1 49.6 148.8

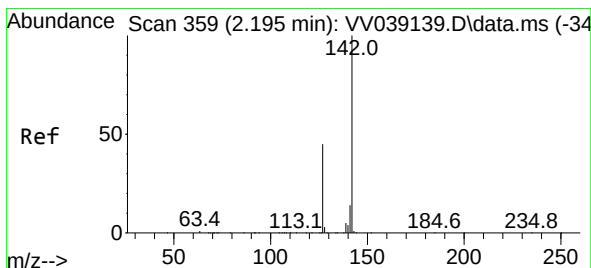
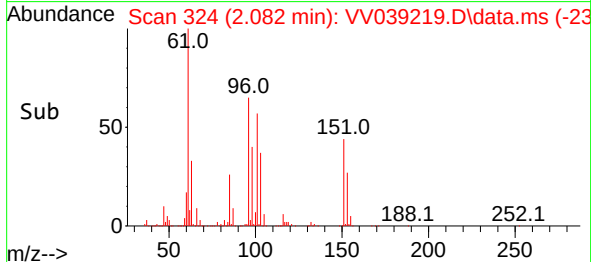
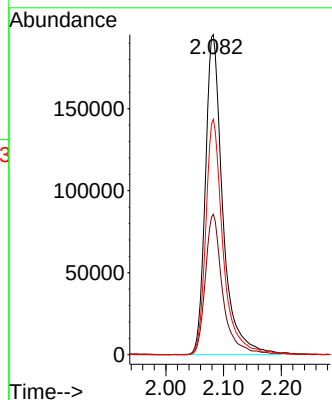
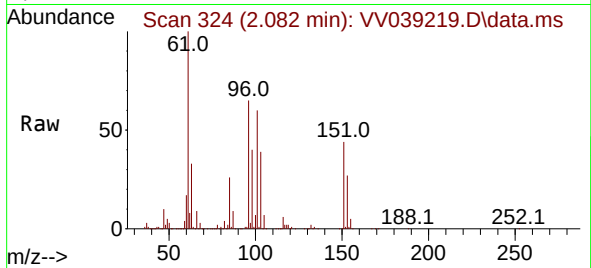




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.681 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

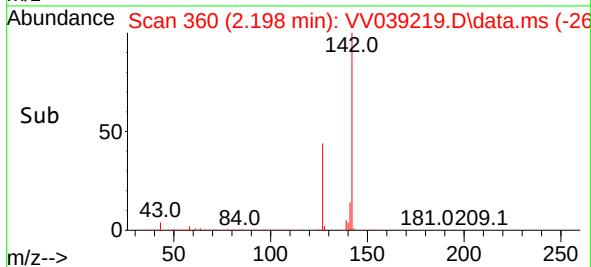
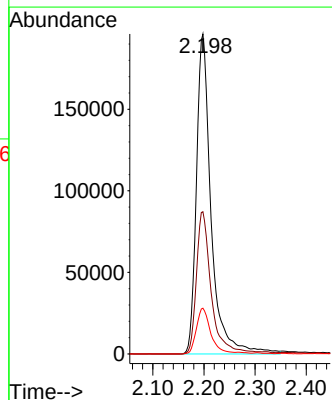
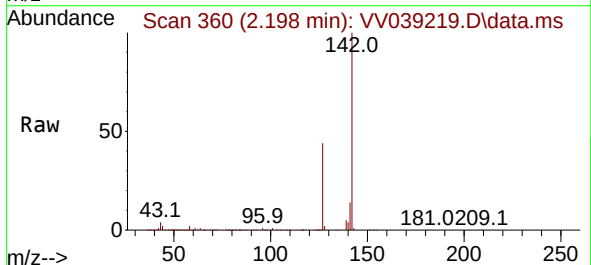
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

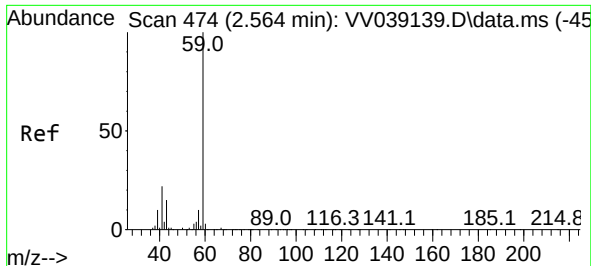
Tgt Ion:101 Resp: 409145
Ion Ratio Lower Upper
101 100
85 44.2 36.2 54.2
151 72.5 56.3 84.5



#10
Methyl Iodide
Concen: 49.078 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion:142 Resp: 392800
Ion Ratio Lower Upper
142 100
127 44.8 36.3 54.5
141 13.9 11.2 16.8

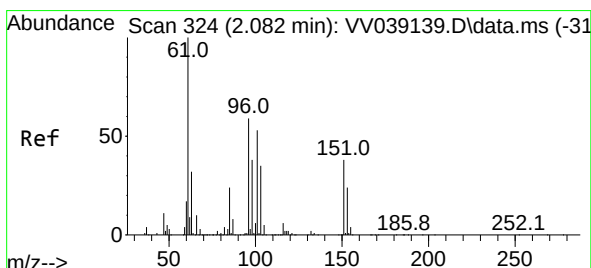
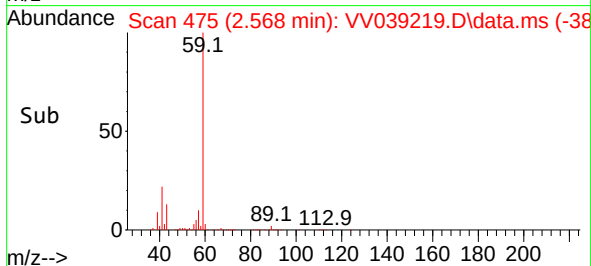
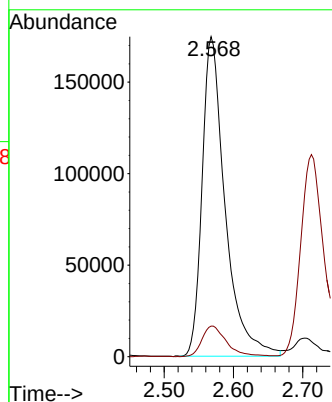
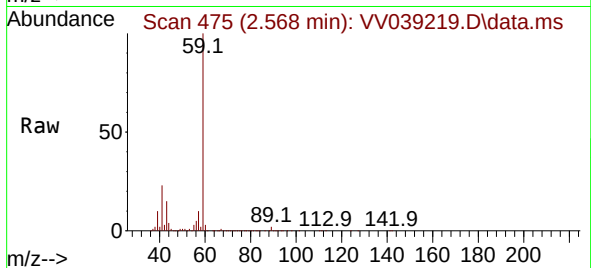




#11
Tert butyl alcohol
Concen: 245.682 ug/l
RT: 2.568 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

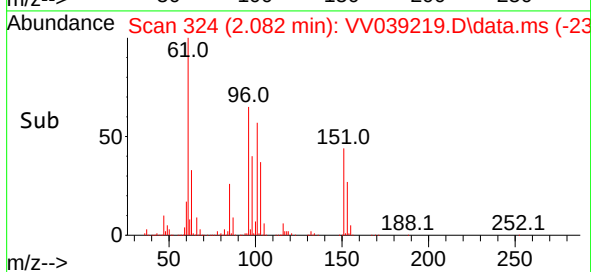
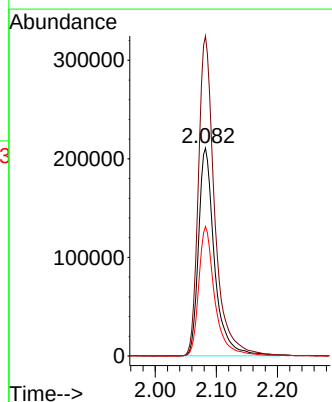
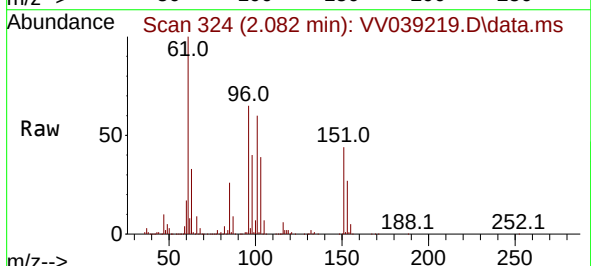
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

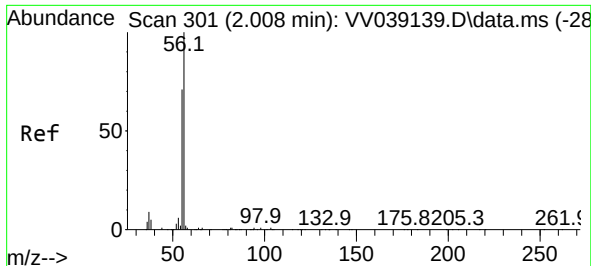
Tgt Ion: 59 Resp: 403011
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.451 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 96 Resp: 383659
Ion Ratio Lower Upper
96 100
61 154.1 136.0 204.0
98 62.3 51.0 76.6

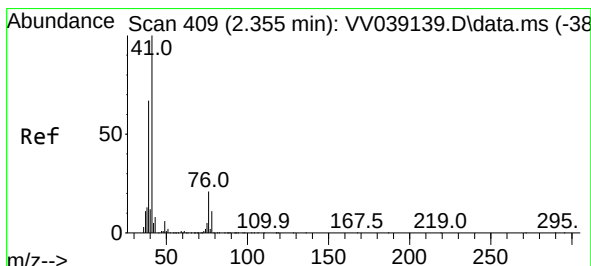
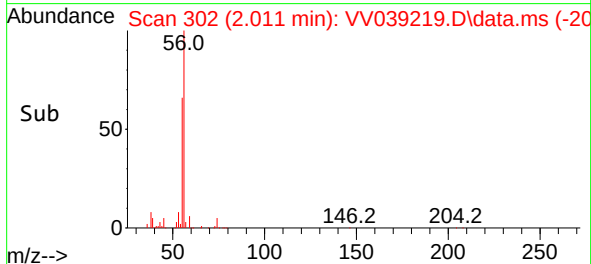
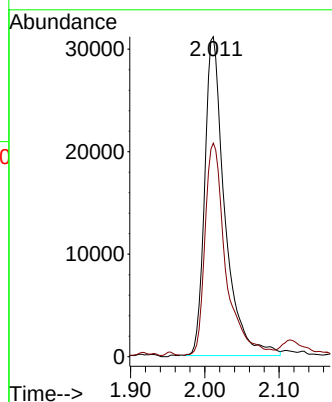
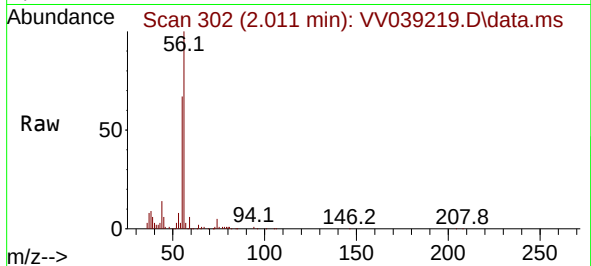




#13
Acrolein
Concen: 205.997 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

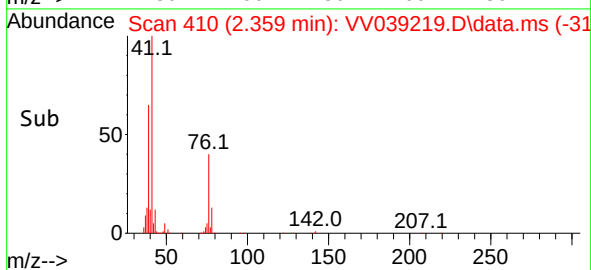
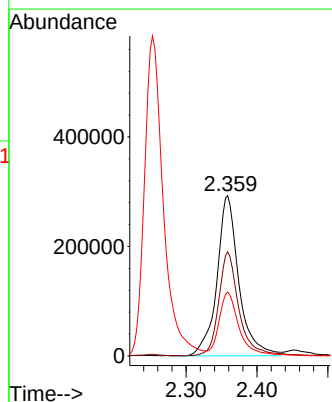
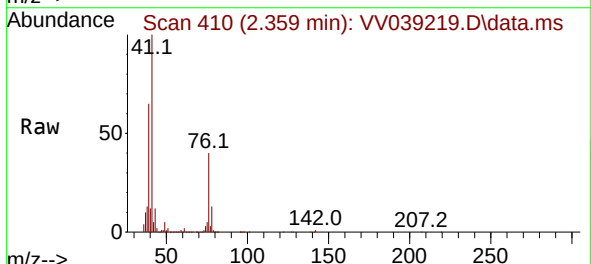
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

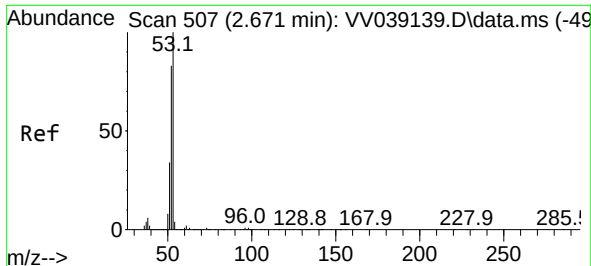
Tgt Ion: 56 Resp: 58635
Ion Ratio Lower Upper
56 100
55 68.8 56.2 84.4



#14
Allyl chloride
Concen: 43.580 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 41 Resp: 629423
Ion Ratio Lower Upper
41 100
39 60.2 51.0 76.6
76 36.8 28.2 42.4

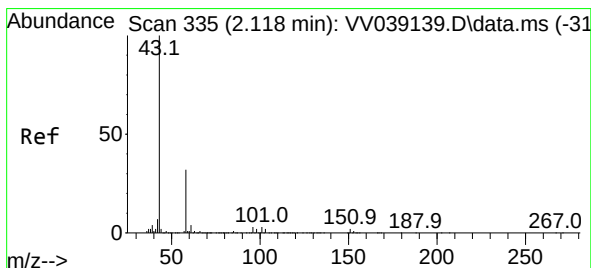
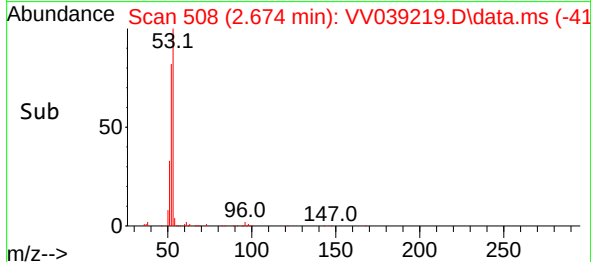
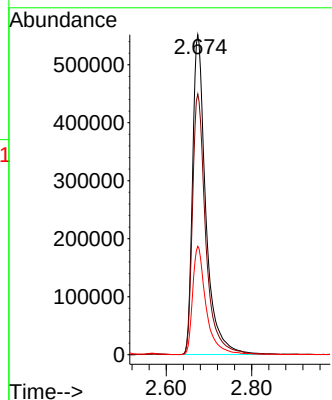
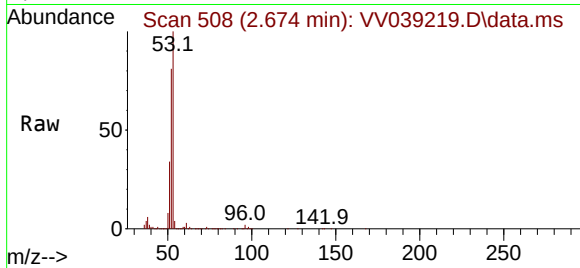




#15
Acrylonitrile
Concen: 226.167 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

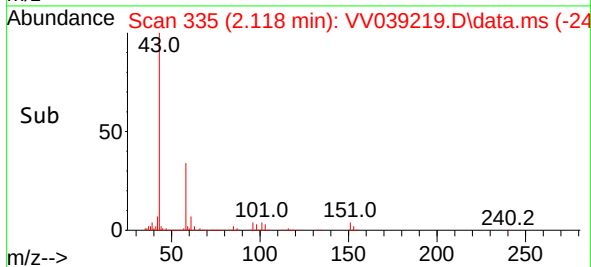
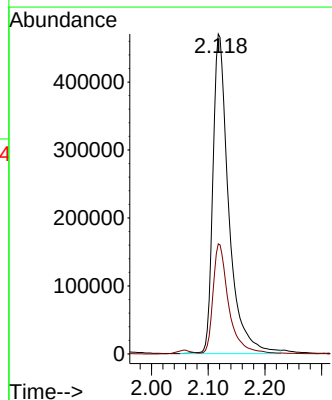
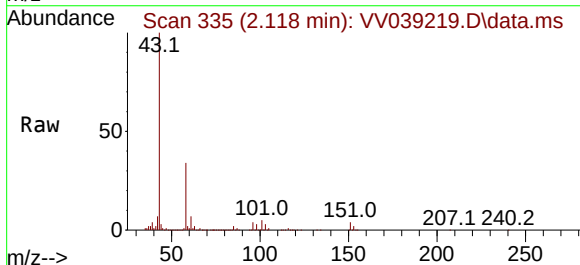
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

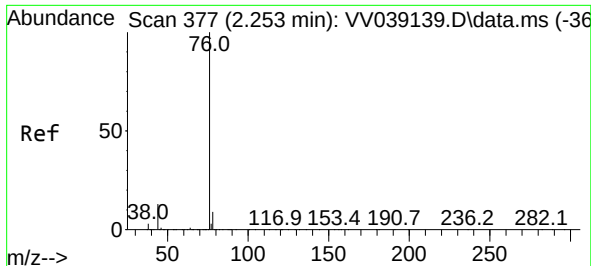
Tgt Ion: 53 Resp: 1189300
Ion Ratio Lower Upper
53 100
52 81.2 66.1 99.1
51 34.4 28.5 42.7



#16
Acetone
Concen: 186.253 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 43 Resp: 913417
Ion Ratio Lower Upper
43 100
58 34.2 25.8 38.6

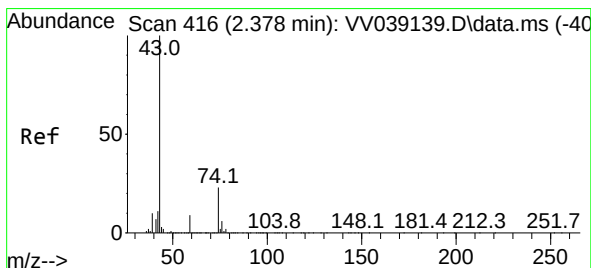
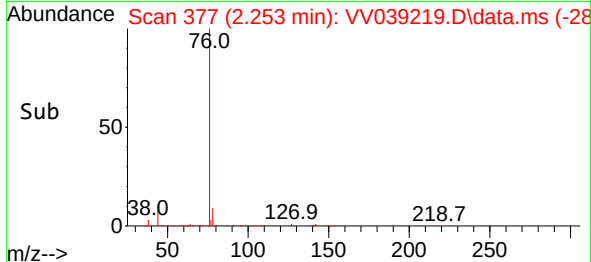
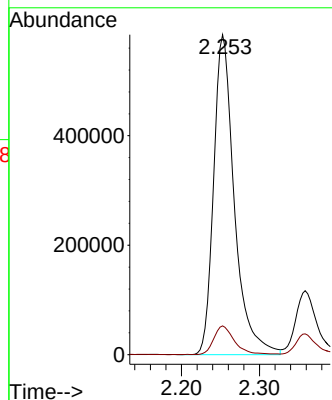
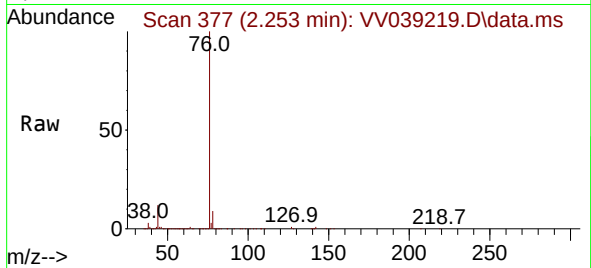




#17
Carbon Disulfide
Concen: 43.645 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

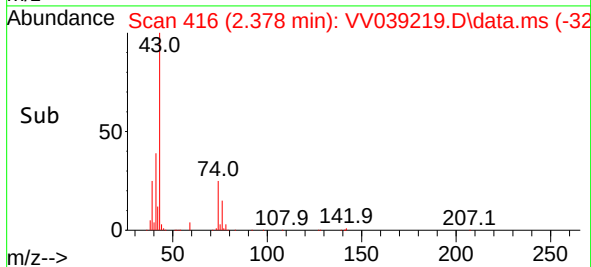
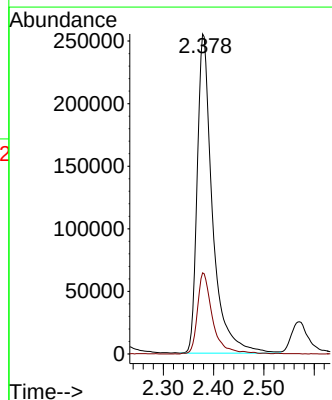
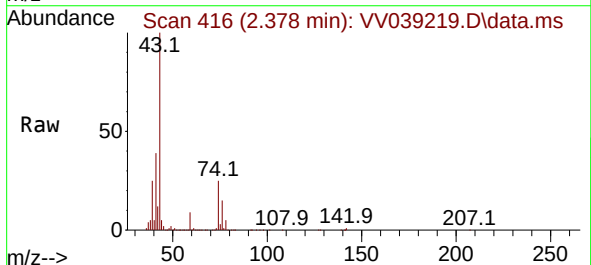
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

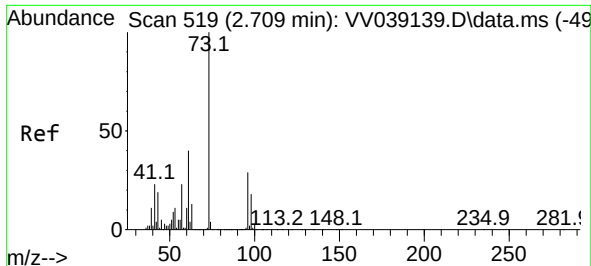
Tgt Ion: 76 Resp: 1079230
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 46.674 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 43 Resp: 536729
Ion Ratio Lower Upper
43 100
74 24.6 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 47.114 ug/l

RT: 2.712 min Scan# 519

Delta R.T. 0.003 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

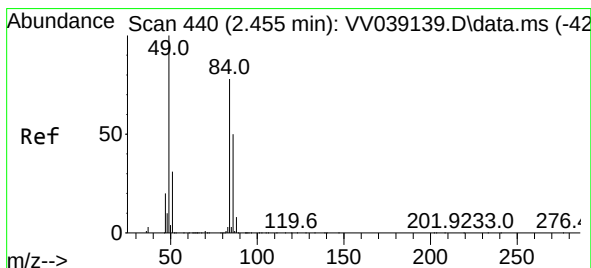
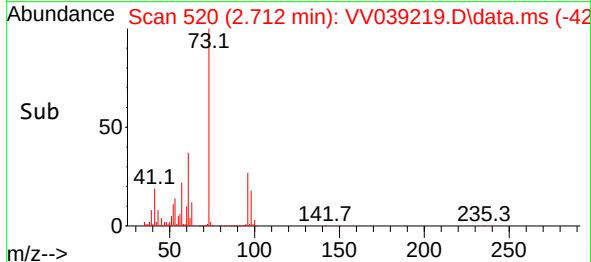
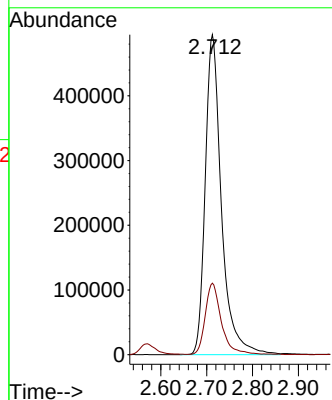
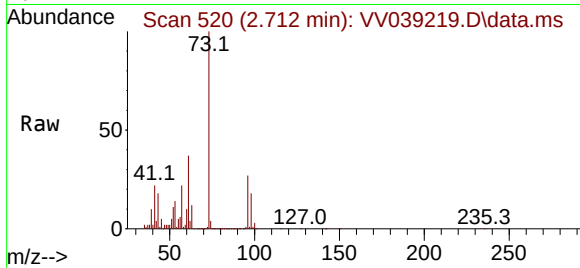
VSTDCCC050EC

Tgt Ion: 73 Resp: 1213872

Ion Ratio Lower Upper

73 100

57 22.2 18.2 27.4



#20

Methylene Chloride

Concen: 52.513 ug/l

RT: 2.458 min Scan# 441

Delta R.T. 0.003 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Tgt Ion: 84 Resp: 438860

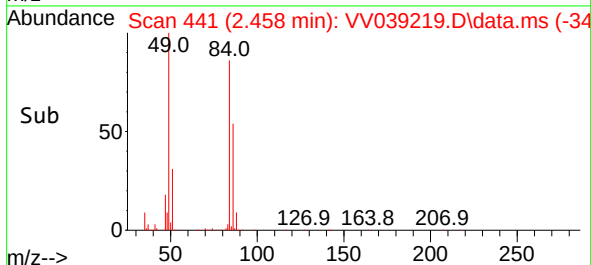
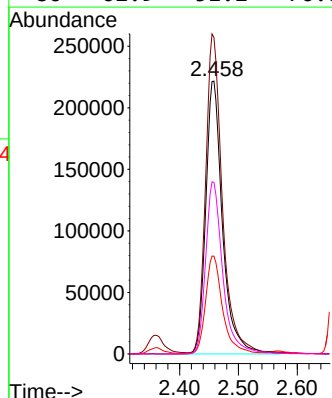
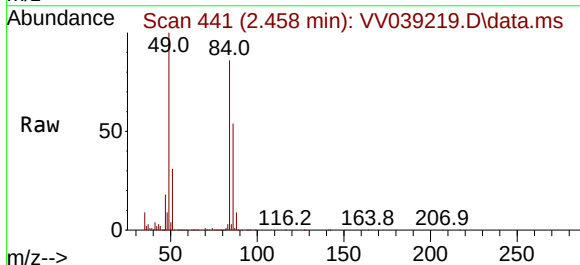
Ion Ratio Lower Upper

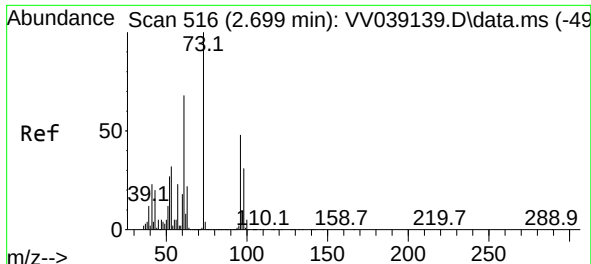
84 100

49 115.5 102.8 154.2

51 35.6 31.9 47.9

86 62.9 51.2 76.8

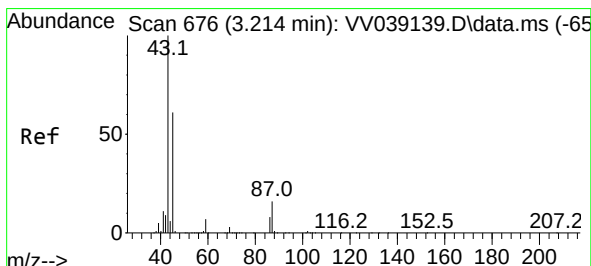
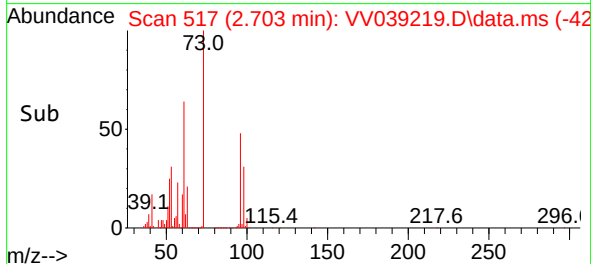
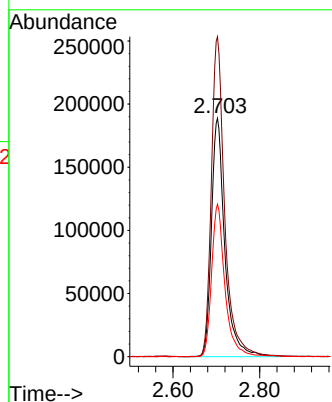
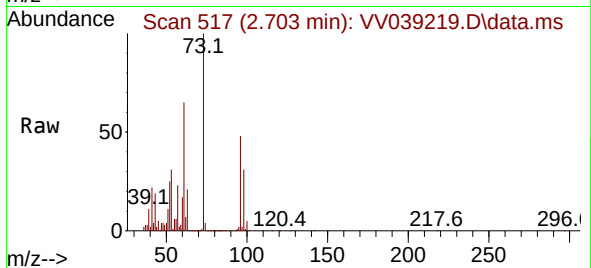




#21
trans-1,2-Dichloroethene
Concen: 47.157 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

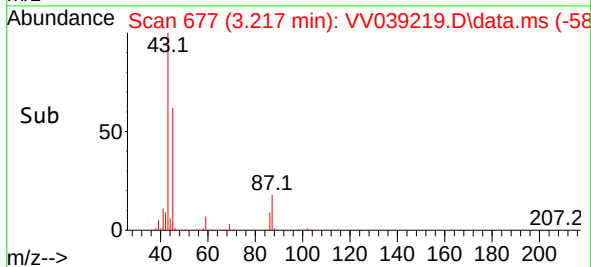
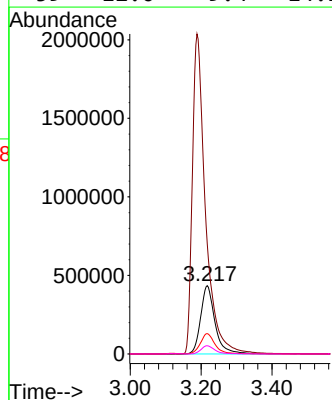
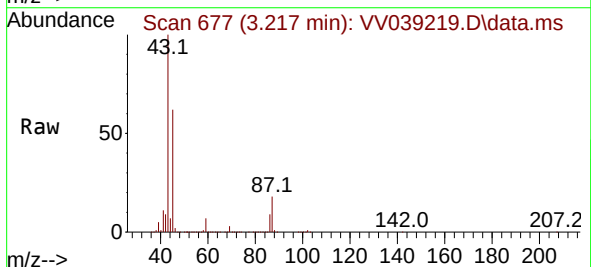
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

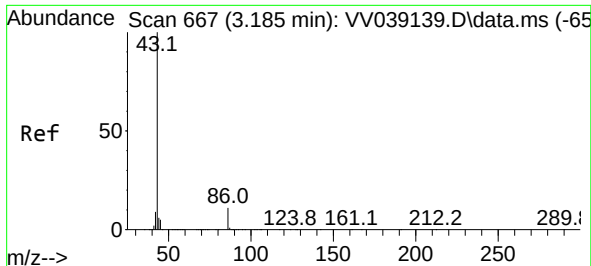
Tgt Ion: 96 Resp: 405904
Ion Ratio Lower Upper
96 100
61 134.1 112.8 169.2
98 63.9 51.1 76.7



#22
Diisopropyl ether
Concen: 44.184 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 45 Resp: 1220946
Ion Ratio Lower Upper
45 100
43 161.5 130.9 196.3
87 29.7 21.1 31.7
59 12.0 9.4 14.2

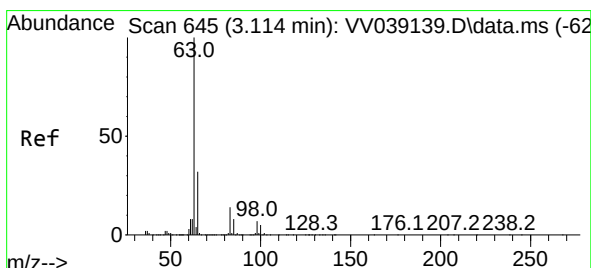
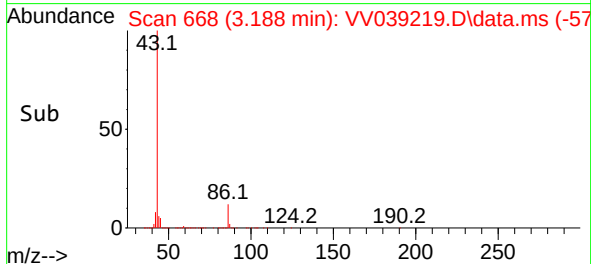
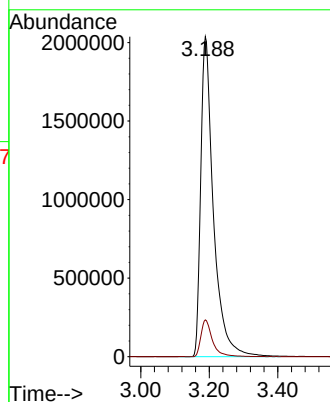
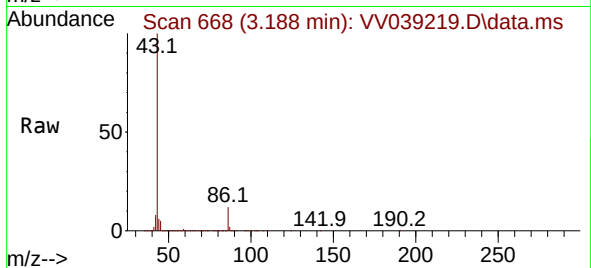




#23
 Vinyl Acetate
 Concen: 217.004 ug/l
 RT: 3.188 min Scan# 60
 Delta R.T. 0.003 min
 Lab File: VV039219.D
 Acq: 26 Sep 2025 17:35

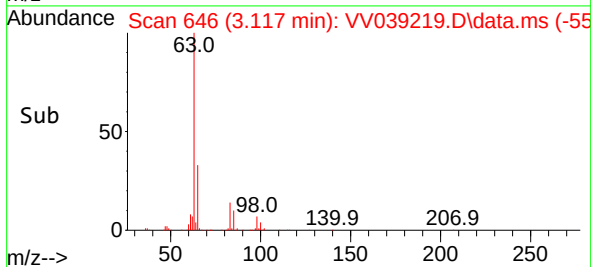
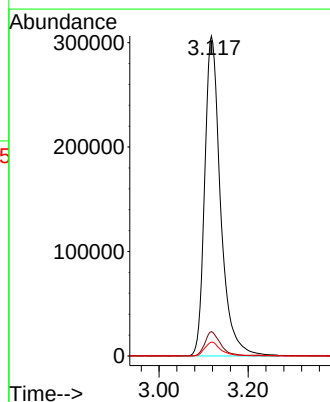
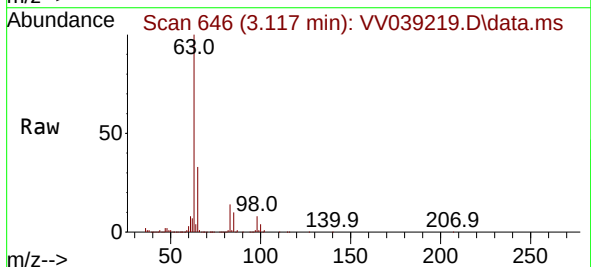
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

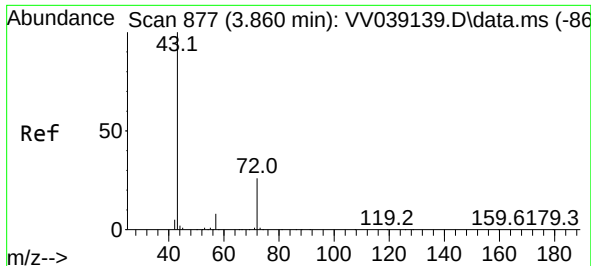
Tgt Ion: 43 Resp: 5245685
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 44.787 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039219.D
 Acq: 26 Sep 2025 17:35

Tgt Ion: 63 Resp: 756844
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.2
 100 4.3 2.2 6.6

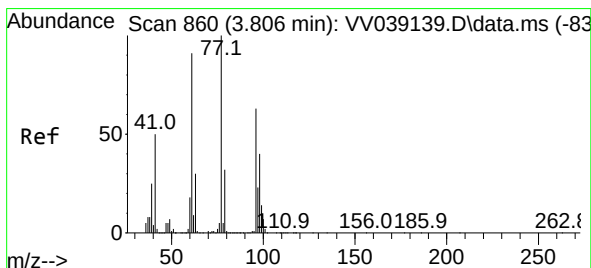
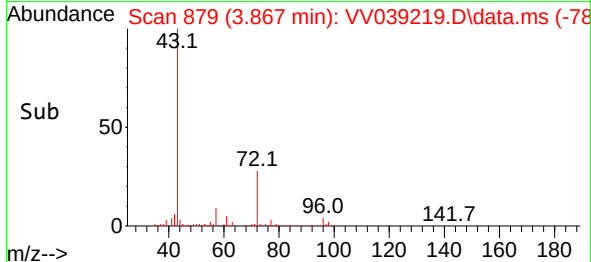
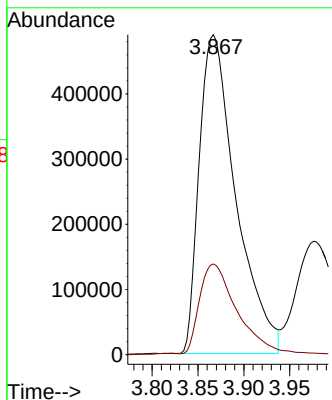
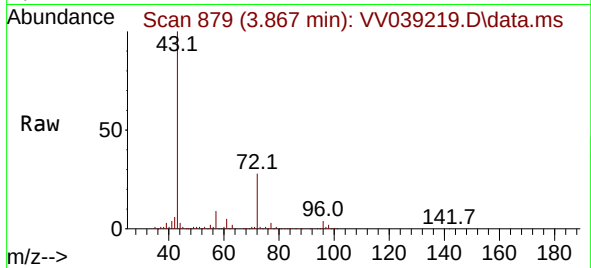




#25
2-Butanone
Concen: 219.356 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.006 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

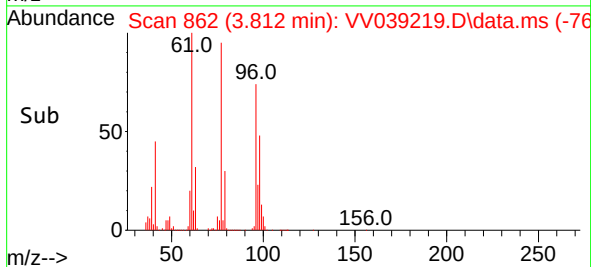
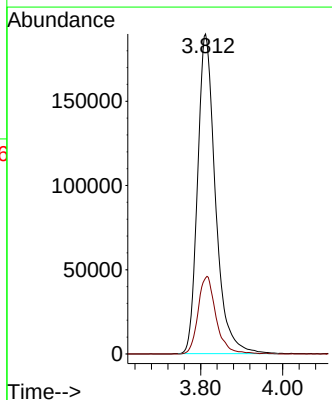
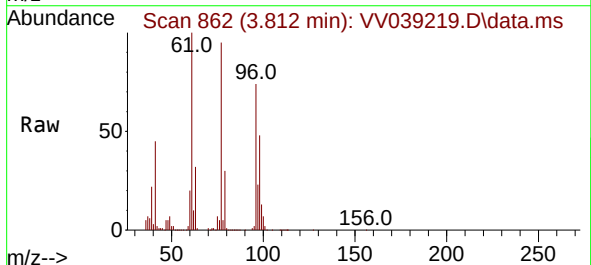
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

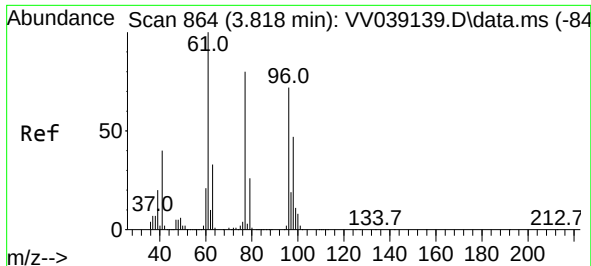
Tgt Ion: 43 Resp: 1363305
Ion Ratio Lower Upper
43 100
72 28.1 21.0 31.6



#26
2,2-Dichloropropane
Concen: 38.238 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 77 Resp: 572935
Ion Ratio Lower Upper
77 100
97 24.2 11.6 34.7



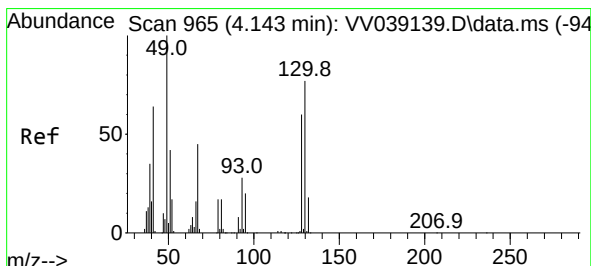
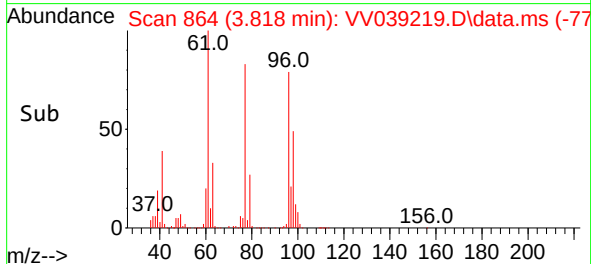
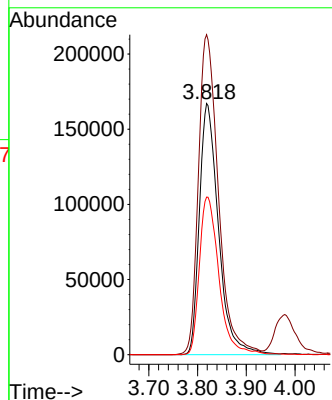
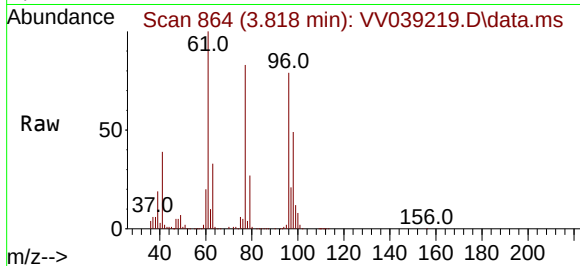


#27
 cis-1,2-Dichloroethene
 Concen: 47.990 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV039219.D
 Acq: 26 Sep 2025 17:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 455574

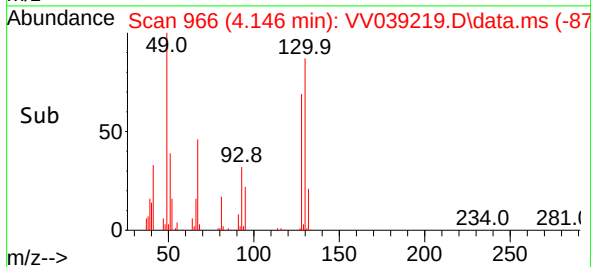
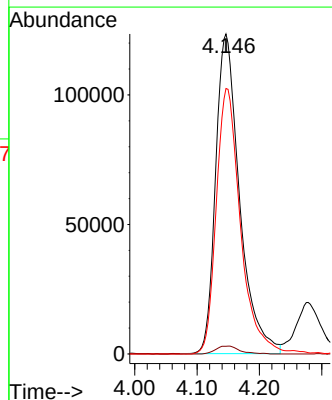
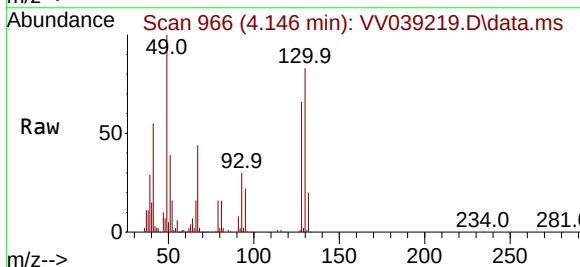
Ion	Ratio	Lower	Upper
96	100		
61	133.4	0.0	286.4
98	64.1	0.0	126.6

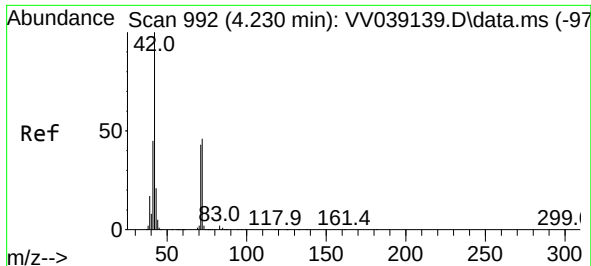


#28
 Bromochloromethane
 Concen: 44.168 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV039219.D
 Acq: 26 Sep 2025 17:35

Tgt Ion: 49 Resp: 329497

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	83.7	60.2	90.2





#29

Tetrahydrofuran

Concen: 239.138 ug/l

RT: 4.236 min Scan# 992

Delta R.T. 0.006 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

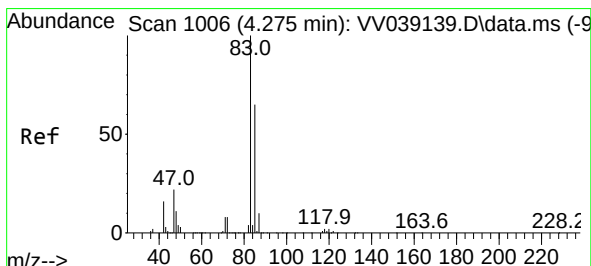
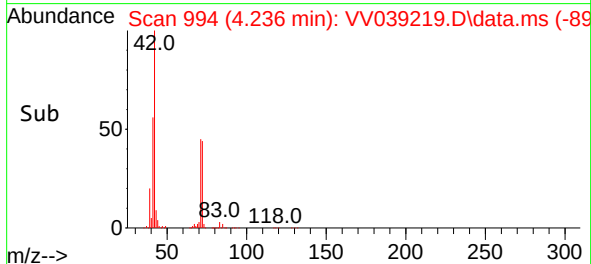
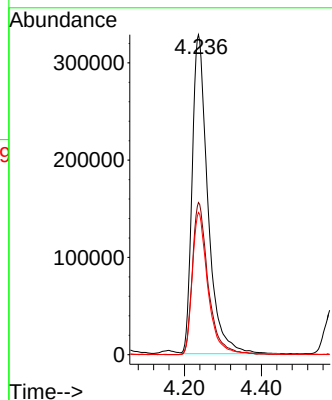
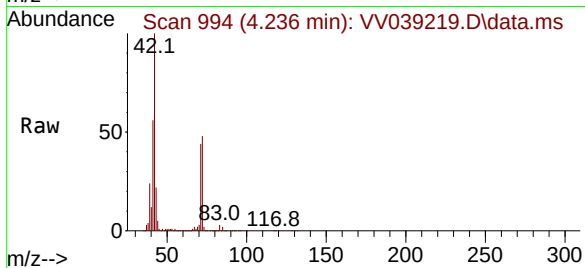
Tgt Ion: 42 Resp: 930279

Ion Ratio Lower Upper

42 100

72 47.7 36.3 54.5

71 44.3 34.3 51.5



#30

Chloroform

Concen: 44.271 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV039219.D

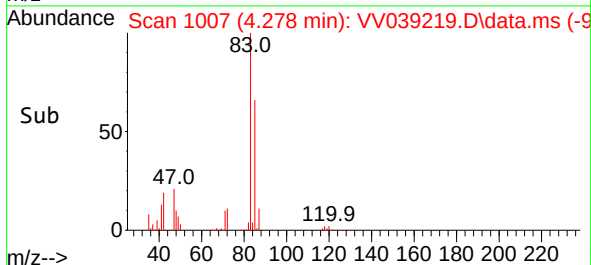
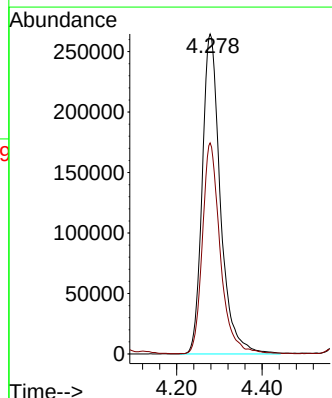
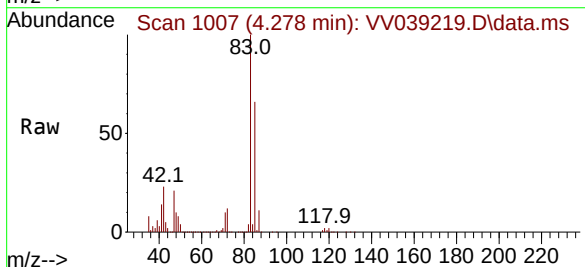
Acq: 26 Sep 2025 17:35

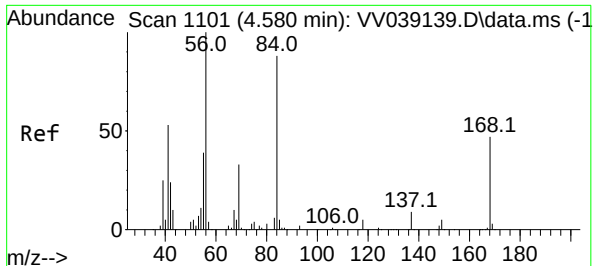
Tgt Ion: 83 Resp: 781187

Ion Ratio Lower Upper

83 100

85 65.8 52.1 78.1

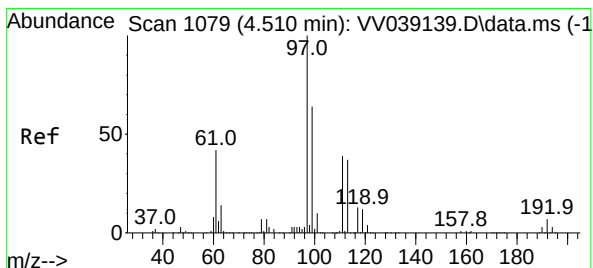
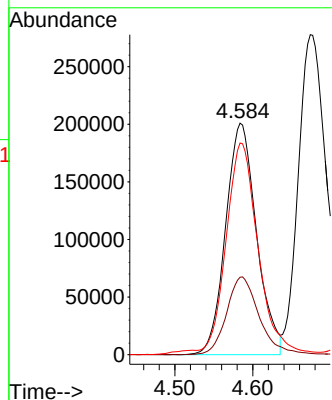
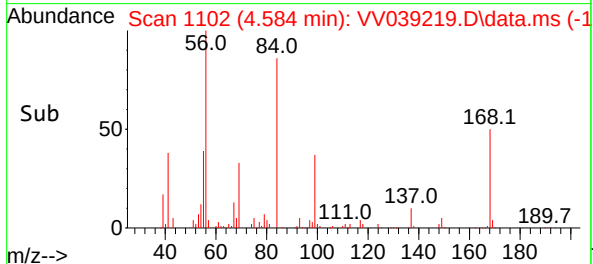
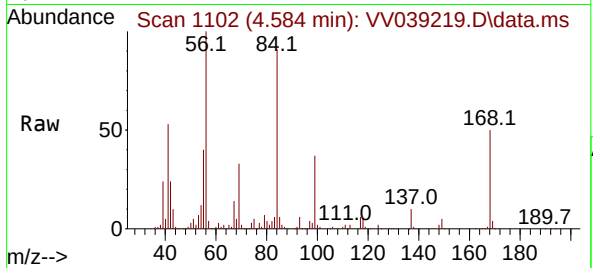




#31
Cyclohexane
Concen: 39.970 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

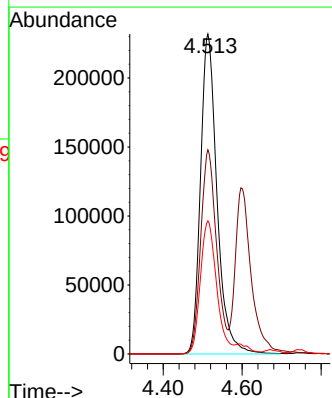
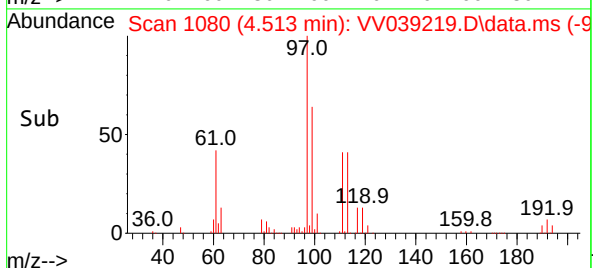
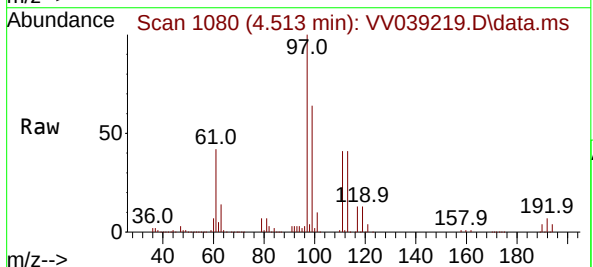
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

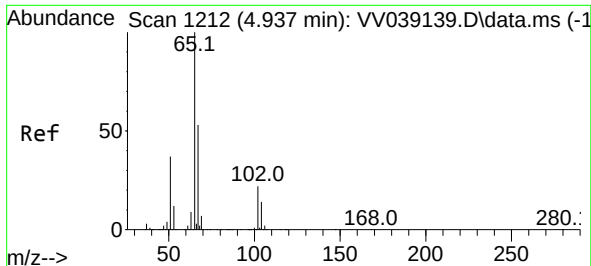
Tgt Ion: 56 Resp: 553306
Ion Ratio Lower Upper
56 100
69 33.5 26.2 39.2
84 89.9 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 44.047 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 97 Resp: 672883
Ion Ratio Lower Upper
97 100
99 61.3 49.6 74.4
61 41.0 34.5 51.7

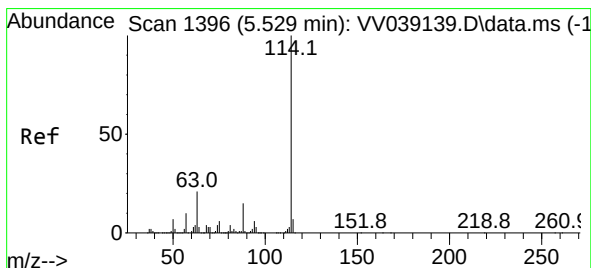
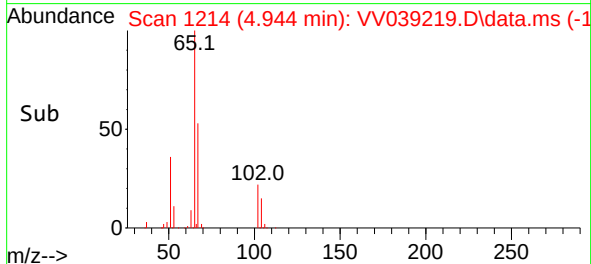
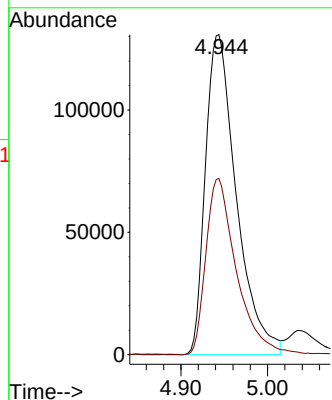
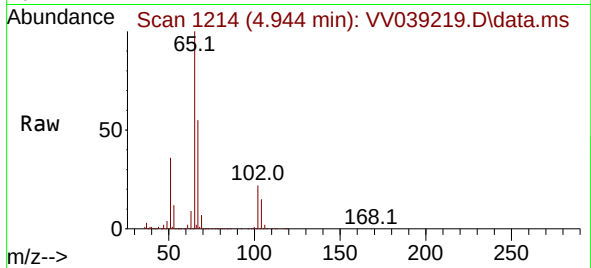




#33
1,2-Dichloroethane-d4
Concen: 41.829 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

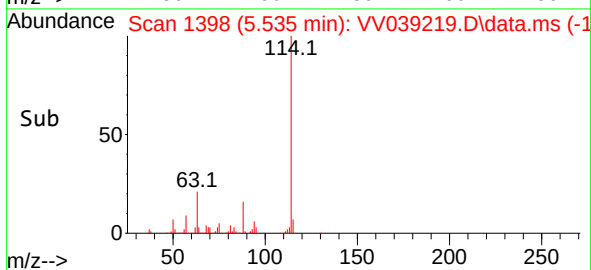
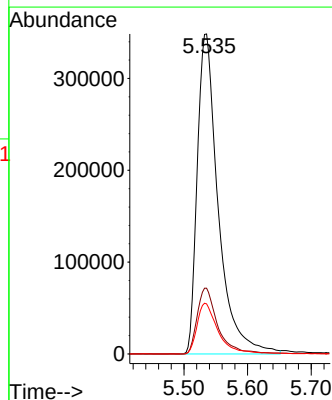
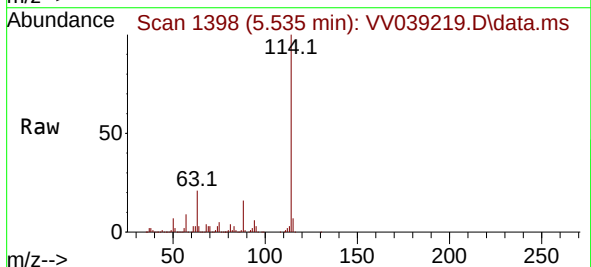
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

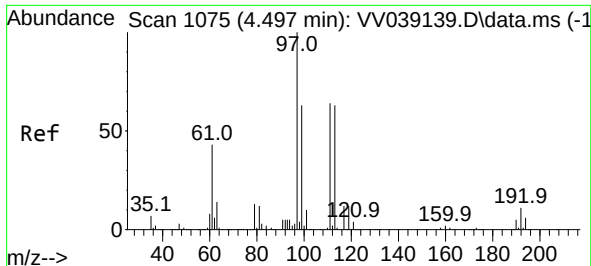
Tgt Ion: 65 Resp: 324652
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 114 Resp: 799353
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.6
88 15.7 0.0 30.8

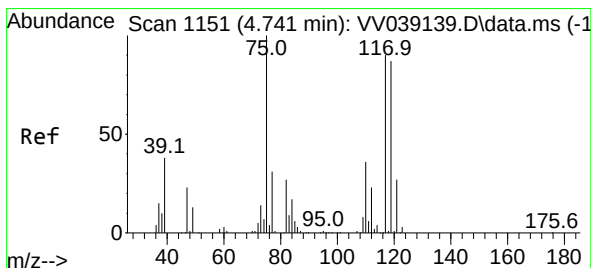
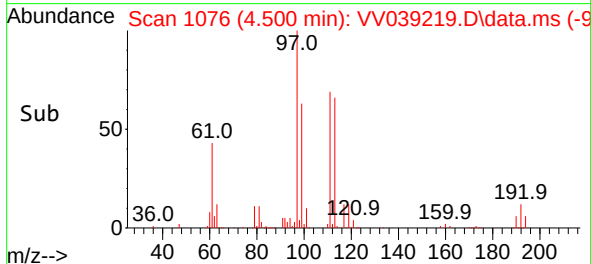
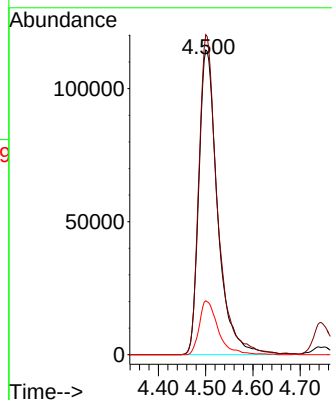
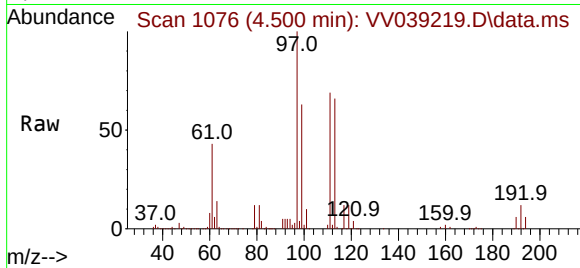




#35
Dibromofluoromethane
Concen: 49.222 ug/l
RT: 4.500 min Scan# 110
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

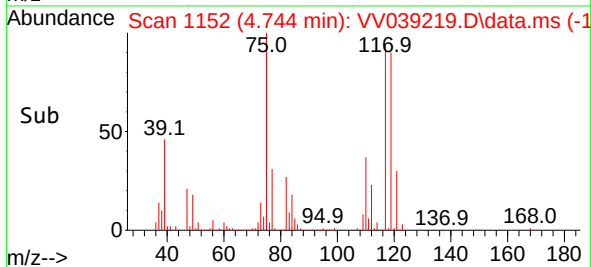
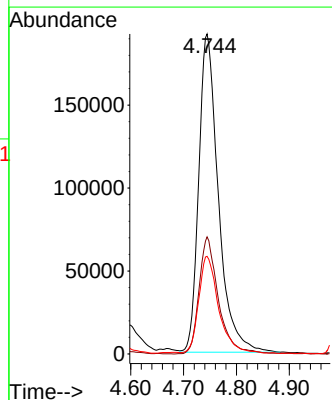
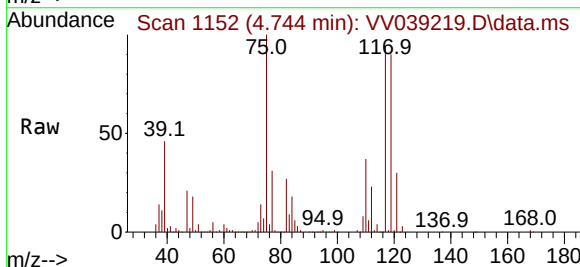
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

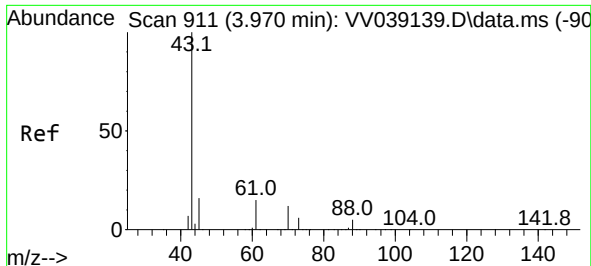
Tgt Ion:113 Resp: 316310
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 17.6 13.8 20.8



#36
1,1-Dichloropropene
Concen: 50.905 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 75 Resp: 494580
Ion Ratio Lower Upper
75 100
110 36.3 18.1 54.1
77 30.6 24.8 37.2

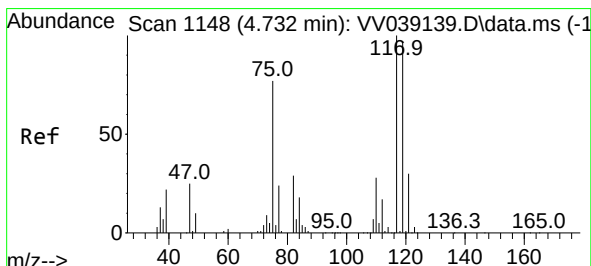
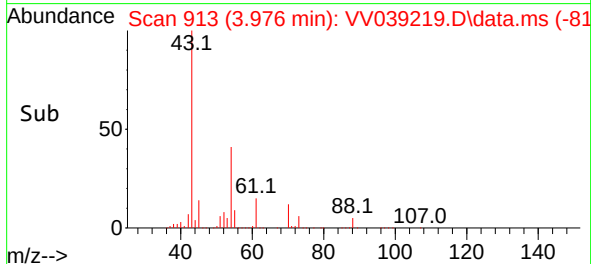
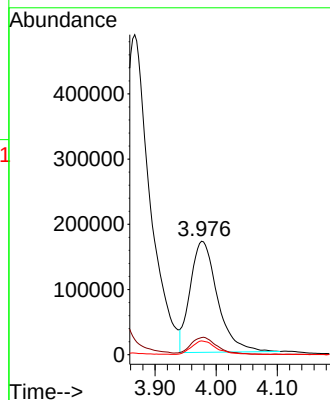
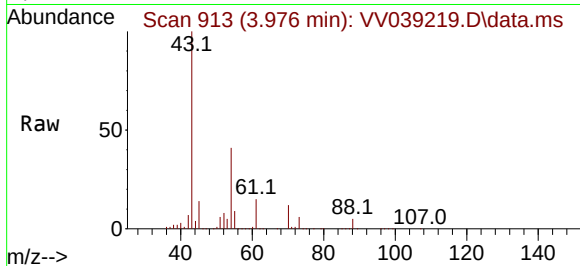




#37
Ethyl Acetate
Concen: 44.894 ug/l
RT: 3.976 min Scan# 911
Delta R.T. 0.006 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

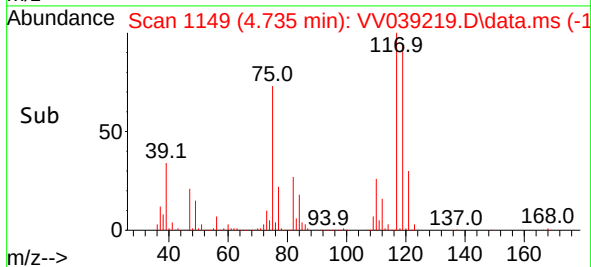
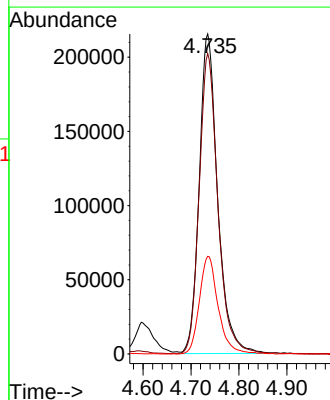
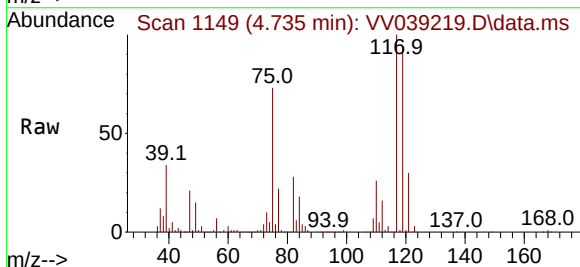
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

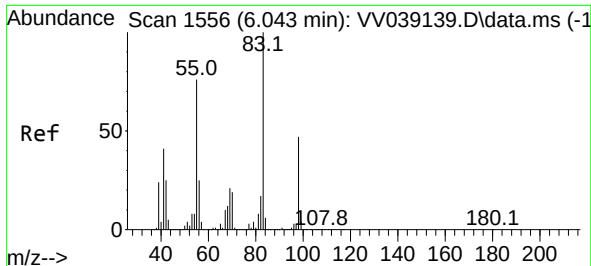
Tgt Ion: 43 Resp: 529273
Ion Ratio Lower Upper
43 100
61 14.3 10.3 15.5
70 11.0 8.0 12.0



#38
Carbon Tetrachloride
Concen: 48.484 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 117 Resp: 575703
Ion Ratio Lower Upper
117 100
119 93.9 77.2 115.8
121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 45.989 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

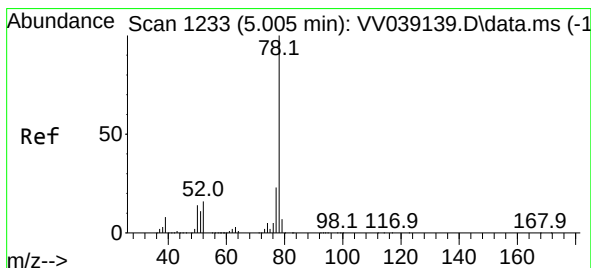
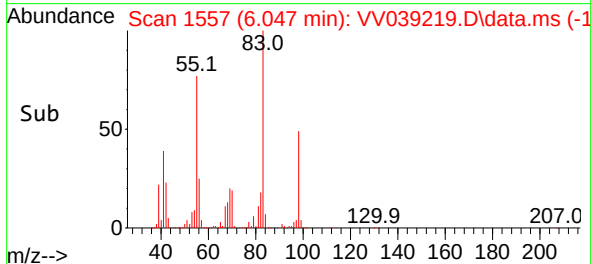
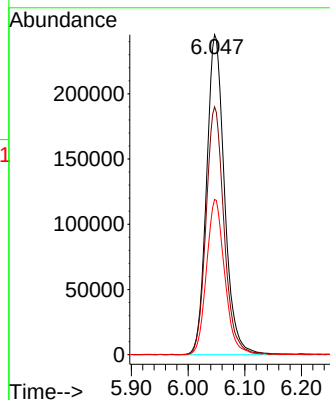
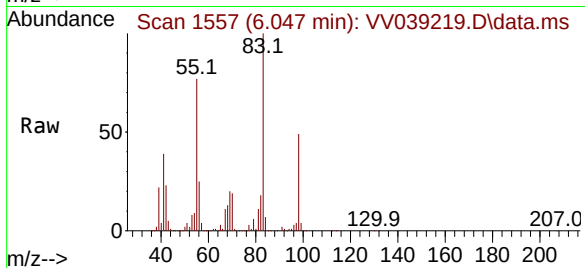
Tgt Ion: 83 Resp: 539589

Ion Ratio Lower Upper

83 100

55 77.4 60.5 90.7

98 48.5 37.8 56.6



#40

Benzene

Concen: 50.500 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VV039219.D

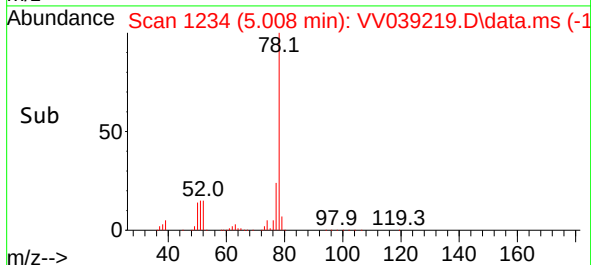
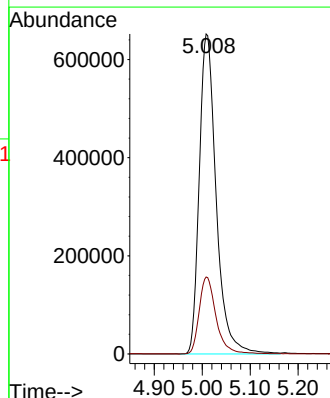
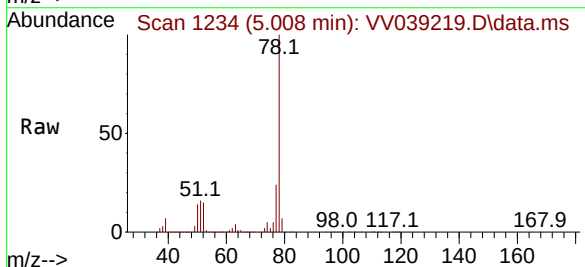
Acq: 26 Sep 2025 17:35

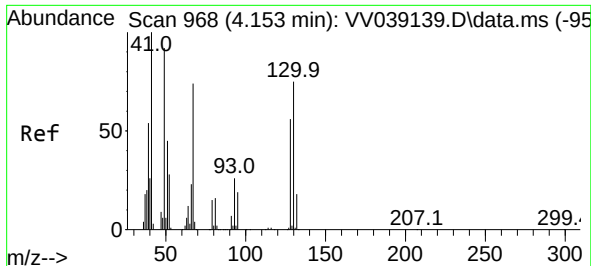
Tgt Ion: 78 Resp: 1597697

Ion Ratio Lower Upper

78 100

77 24.0 18.7 28.1

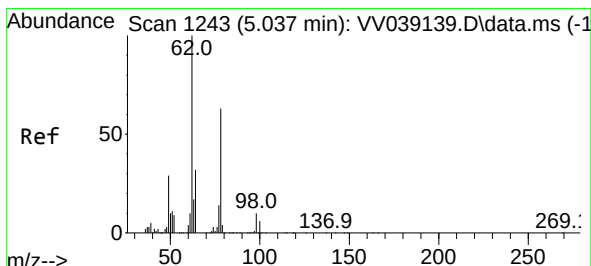
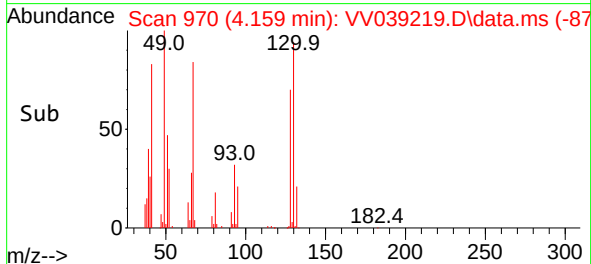
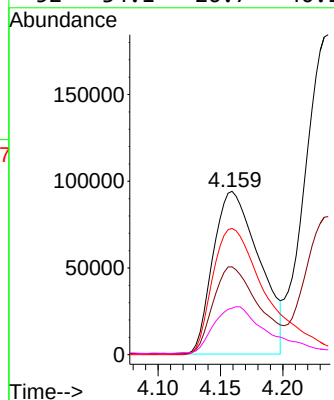
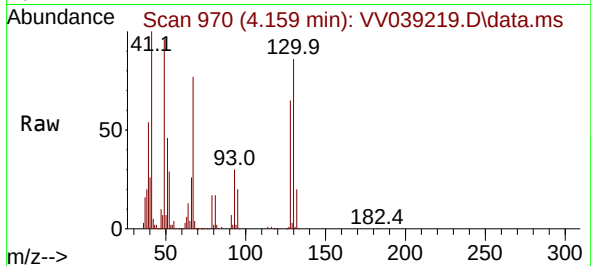




#41
Methacrylonitrile
Concen: 45.650 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.006 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

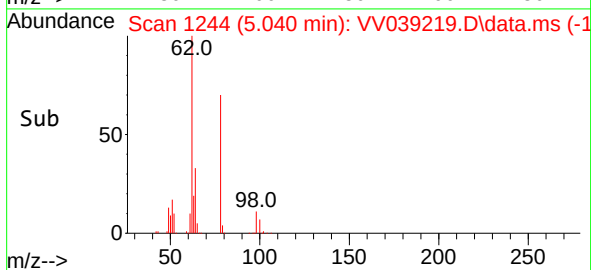
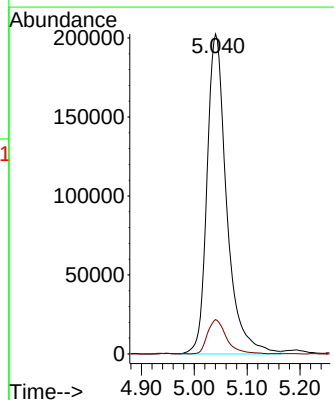
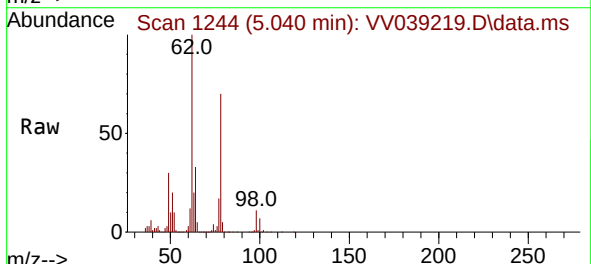
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

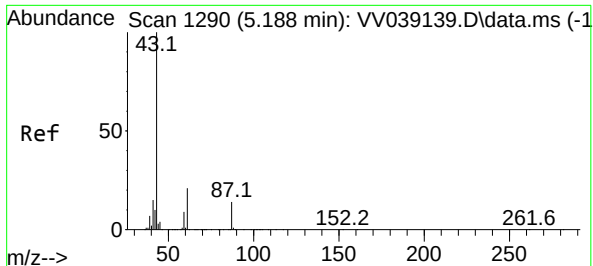
Tgt Ion: 41 Resp: 242409
Ion Ratio Lower Upper
41 100
39 54.0 42.2 63.2
67 94.1 67.9 101.9
52 34.1 26.7 40.1



#42
1,2-Dichloroethane
Concen: 47.286 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 62 Resp: 524192
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.2





#43

Isopropyl Acetate

Concen: 49.758 ug/l

RT: 5.195 min Scan# 1292

Delta R.T. 0.006 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

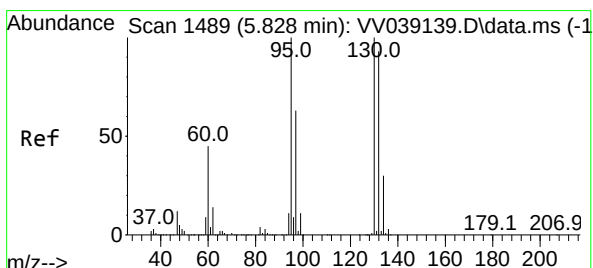
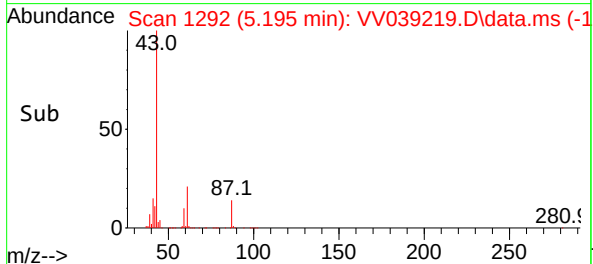
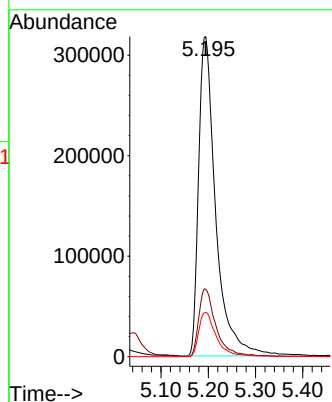
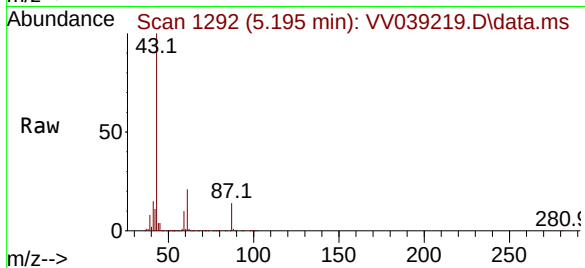
Tgt Ion: 43 Resp: 799837

Ion Ratio Lower Upper

43 100

61 20.8 15.9 23.9

87 14.3 11.0 16.6



#44

Trichloroethene

Concen: 58.220 ug/l

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV039219.D

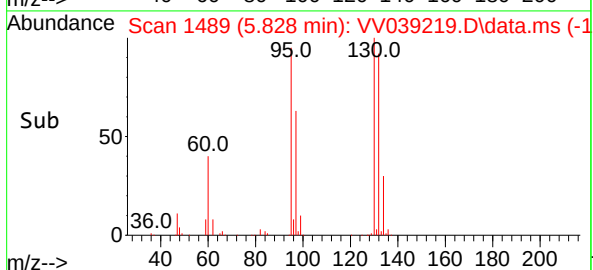
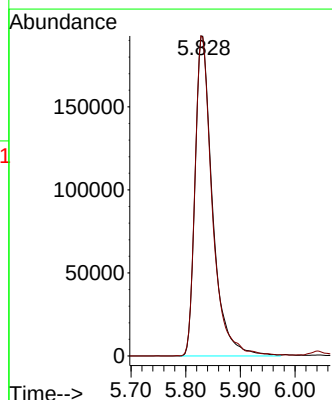
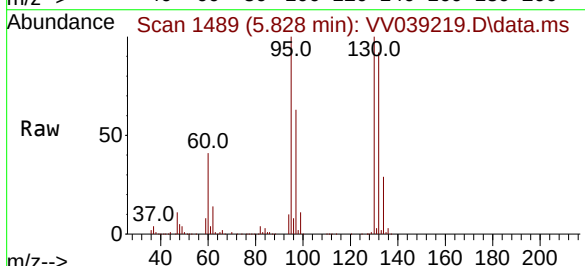
Acq: 26 Sep 2025 17:35

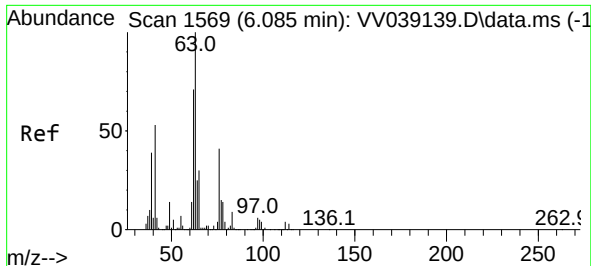
Tgt Ion:130 Resp: 425039

Ion Ratio Lower Upper

130 100

95 99.9 0.0 199.2





#45

1,2-Dichloropropane

Concen: 51.728 ug/l

RT: 6.088 min Scan# 1569

Delta R.T. 0.003 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

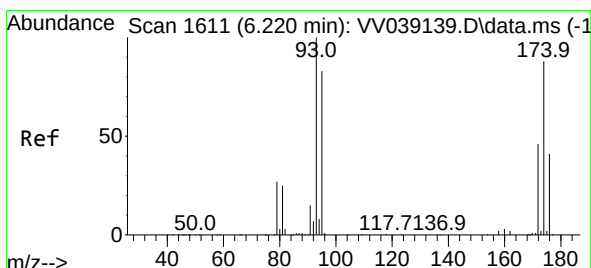
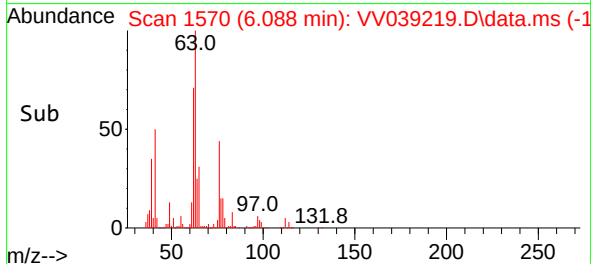
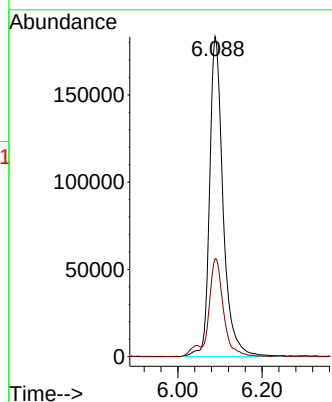
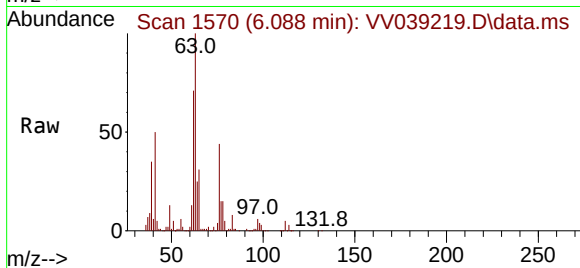
VSTDCCC050EC

Tgt Ion: 63 Resp: 406783

Ion Ratio Lower Upper

63 100

65 30.7 23.7 35.5



#46

Dibromomethane

Concen: 51.049 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.003 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

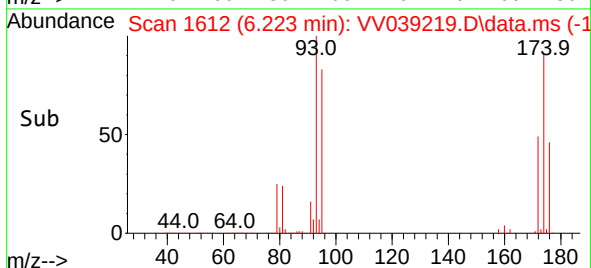
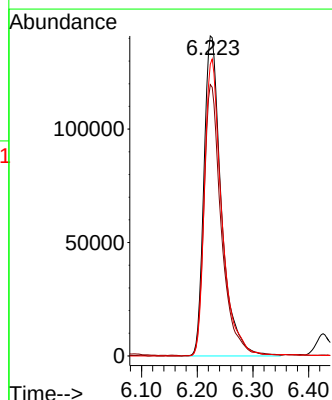
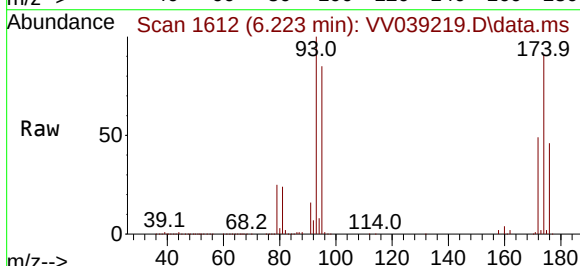
Tgt Ion: 93 Resp: 307252

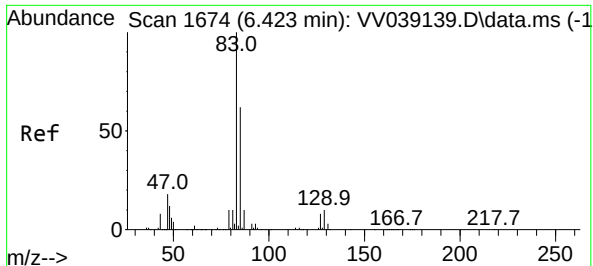
Ion Ratio Lower Upper

93 100

95 83.9 65.5 98.3

174 91.9 69.0 103.4

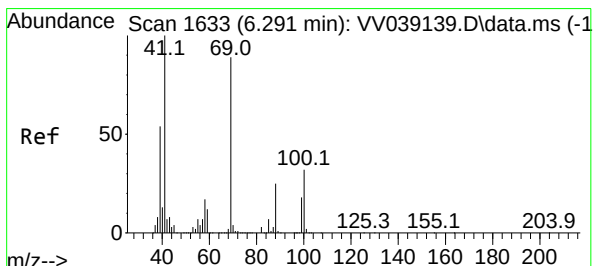
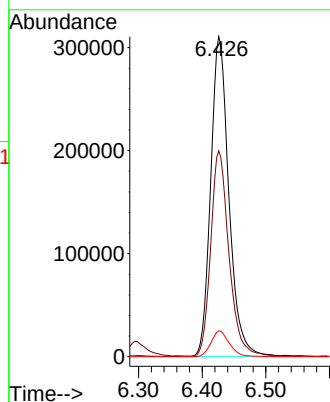
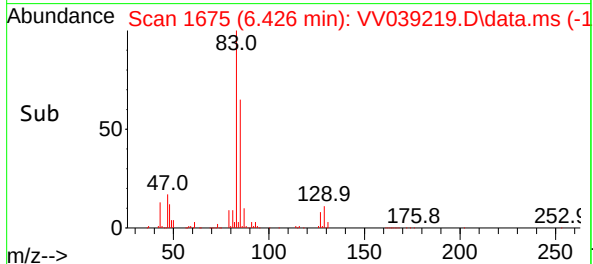
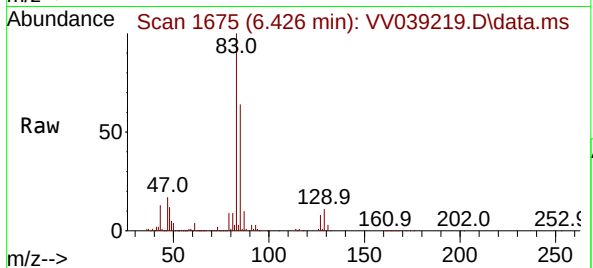




#47
Bromodichloromethane
Concen: 49.659 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

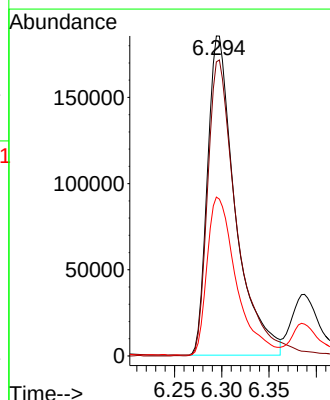
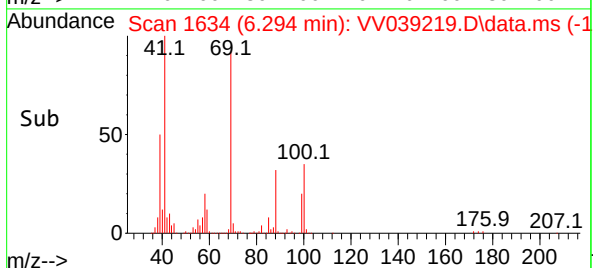
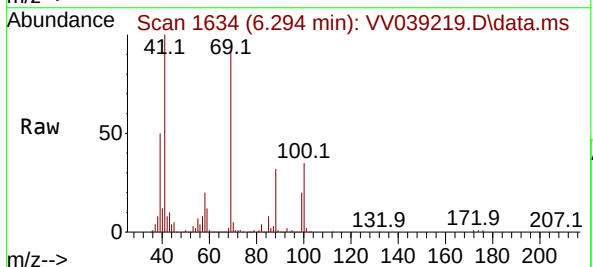
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

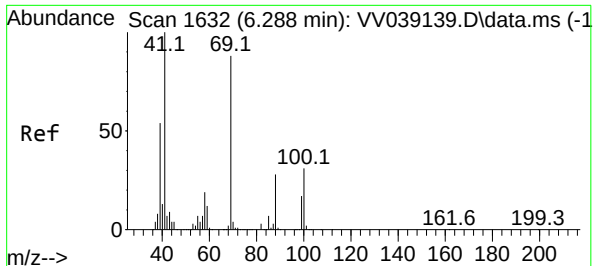
Tgt Ion: 83 Resp: 617902
Ion Ratio Lower Upper
83 100
85 64.1 49.7 74.5
127 8.1 6.6 9.8



#48
Methyl methacrylate
Concen: 51.921 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 41 Resp: 378323
Ion Ratio Lower Upper
41 100
69 97.5 72.4 108.6
39 51.5 42.5 63.7





#49

1,4-Dioxane

Concen: 1212.949 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

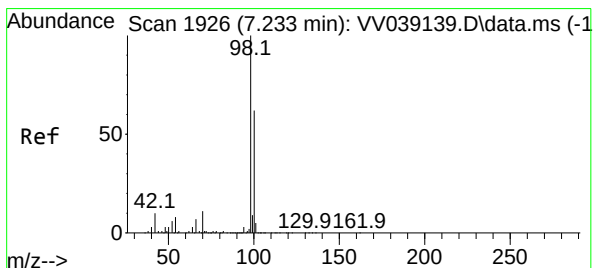
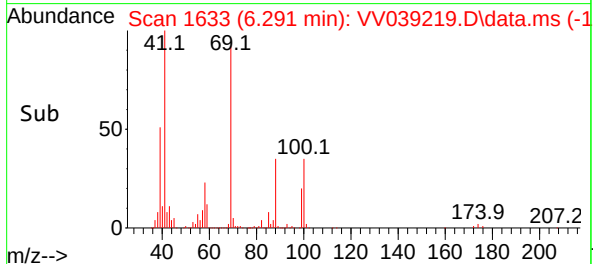
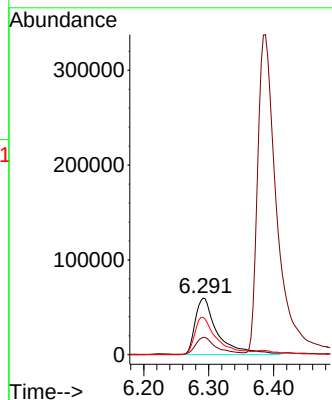
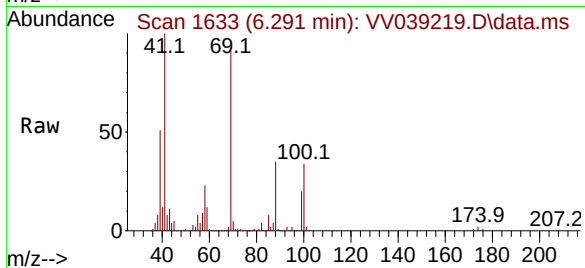
Tgt Ion: 88 Resp: 142630

Ion Ratio Lower Upper

88 100

43 28.3 25.1 37.7

58 65.8 53.6 80.4



#50

Toluene-d8

Concen: 48.762 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039219.D

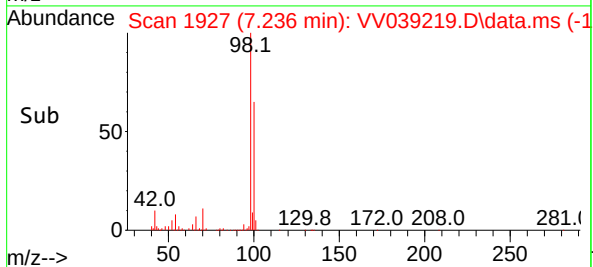
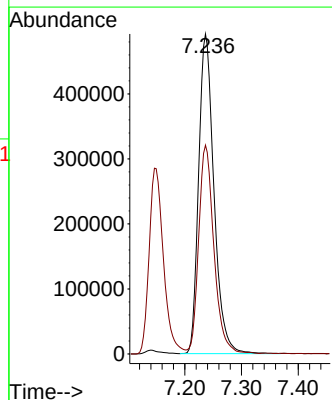
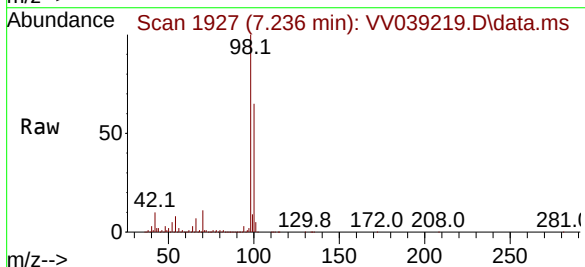
Acq: 26 Sep 2025 17:35

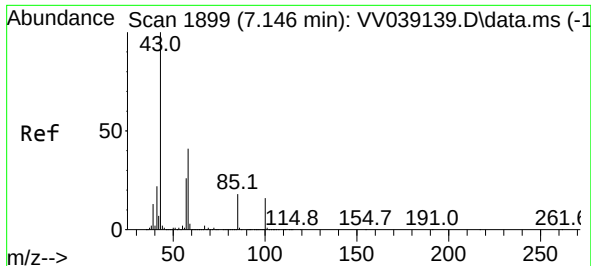
Tgt Ion: 98 Resp: 920323

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 271.406 ug/l

RT: 7.146 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

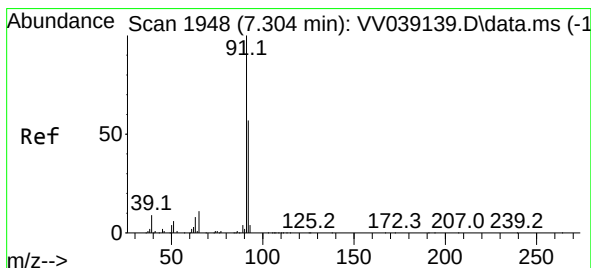
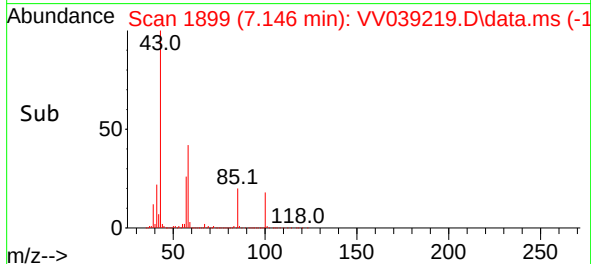
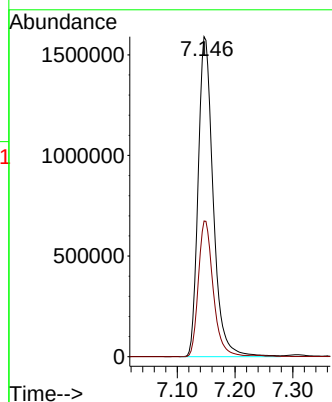
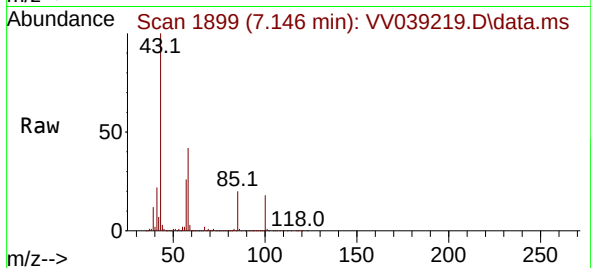
VSTDCCC050EC

Tgt Ion: 43 Resp: 2870123

Ion Ratio Lower Upper

43 100

58 42.0 32.3 48.5



#52

Toluene

Concen: 55.062 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039219.D

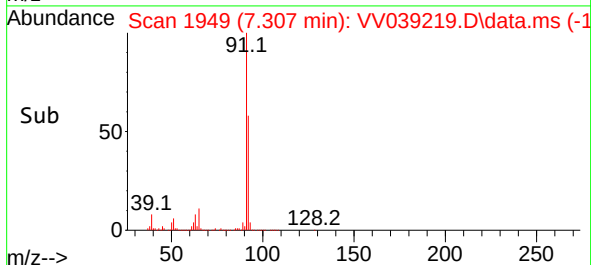
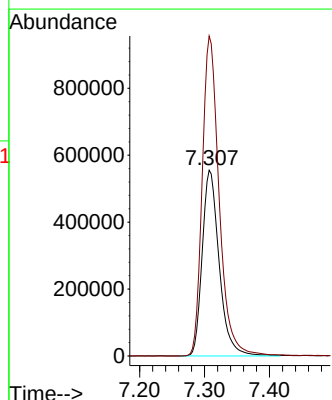
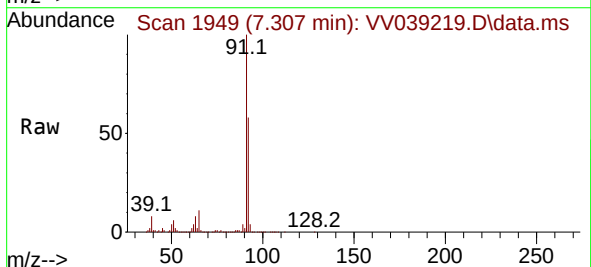
Acq: 26 Sep 2025 17:35

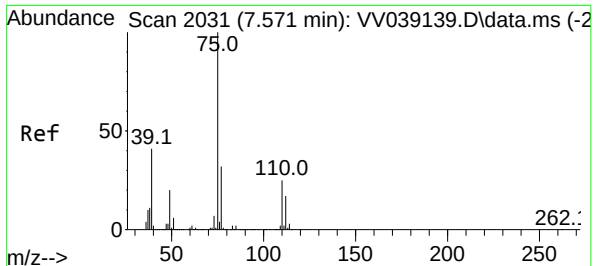
Tgt Ion: 92 Resp: 1010036

Ion Ratio Lower Upper

92 100

91 172.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 53.136 ug/l

RT: 7.574 min Scan# 2031

Delta R.T. 0.003 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

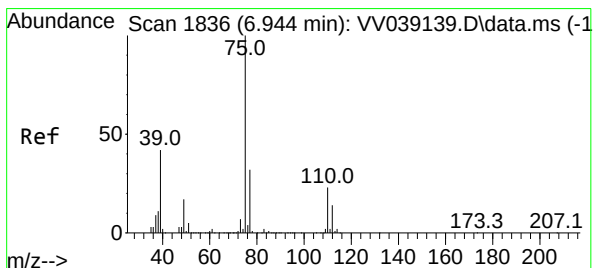
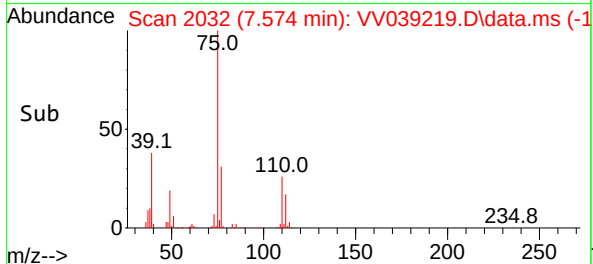
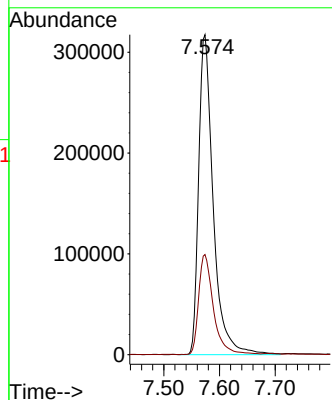
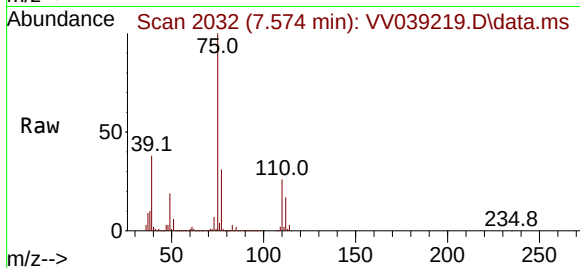
VSTDCCC050EC

Tgt Ion: 75 Resp: 576194

Ion Ratio Lower Upper

75 100

77 31.2 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 48.395 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.003 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

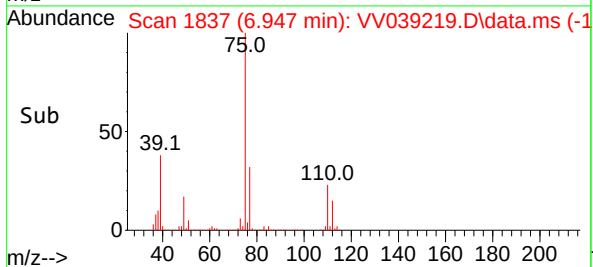
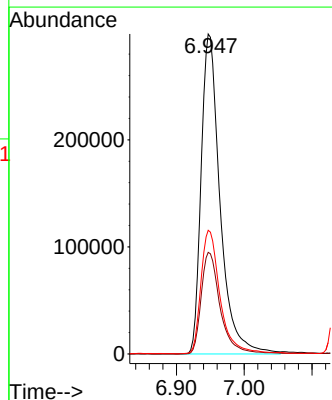
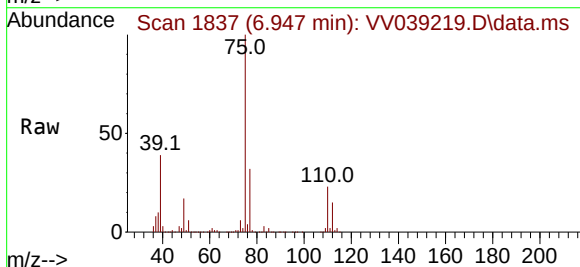
Tgt Ion: 75 Resp: 579340

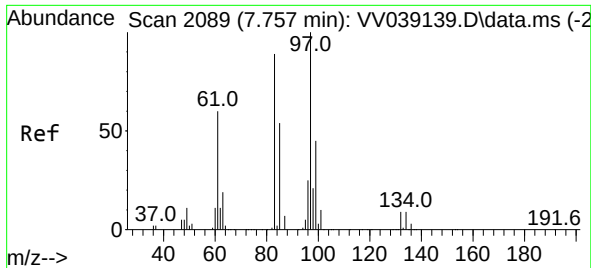
Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

39 38.6 33.8 50.6



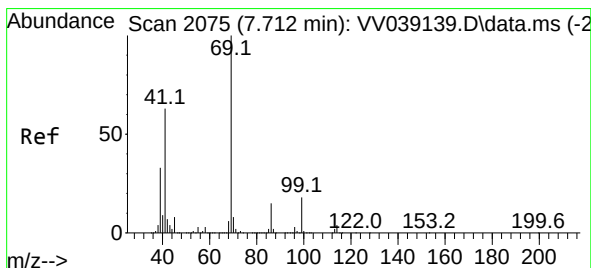
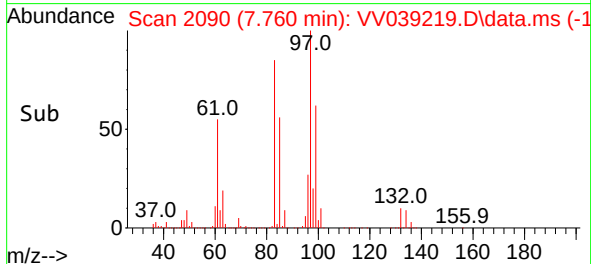
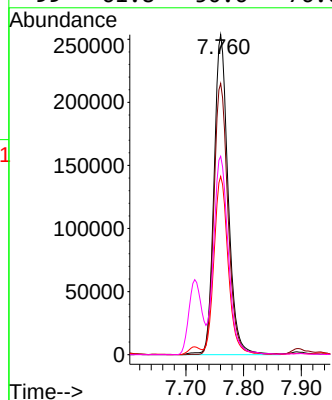
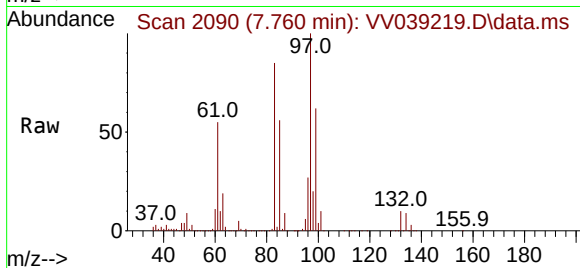


#55
1,1,2-Trichloroethane
Concen: 52.374 ug/l
RT: 7.760 min Scan# 2089
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 430777

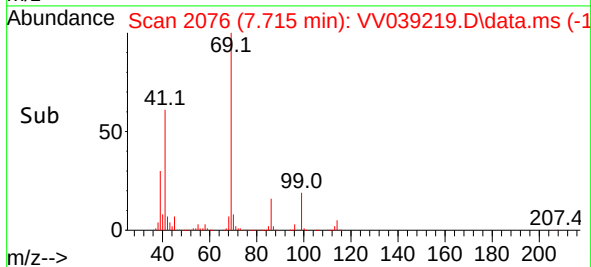
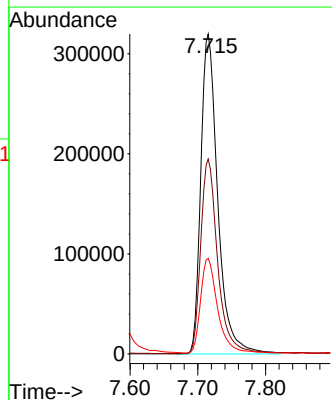
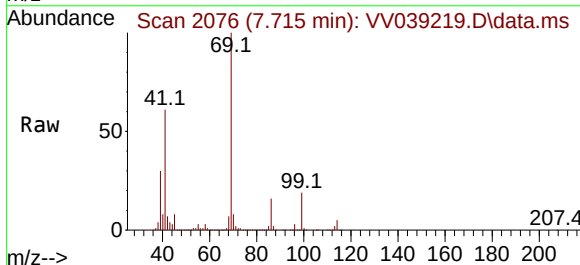
Ion	Ratio	Lower	Upper
97	100		
83	84.7	71.1	106.7
85	55.7	44.6	67.0
99	61.8	50.6	76.0

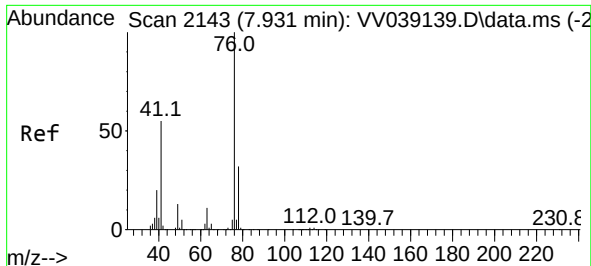


#56
Ethyl methacrylate
Concen: 56.926 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 69 Resp: 556043

Ion	Ratio	Lower	Upper
69	100		
41	61.0	50.7	76.1
39	29.8	26.0	39.0





#57

1,3-Dichloropropane

Concen: 51.745 ug/l

RT: 7.934 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

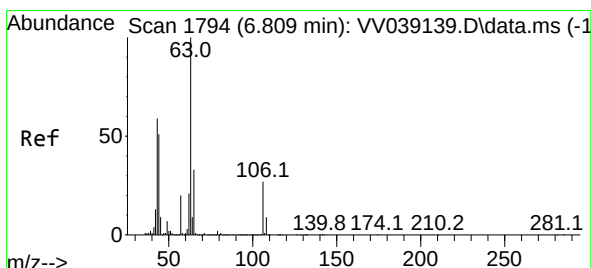
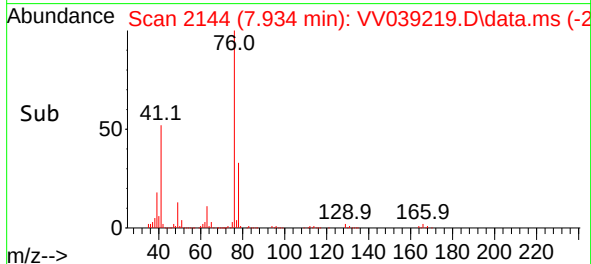
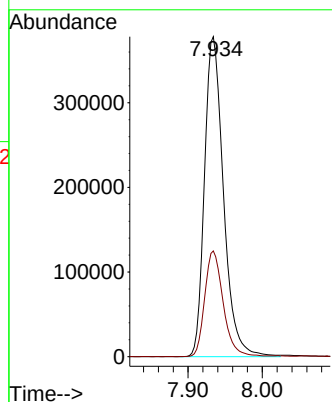
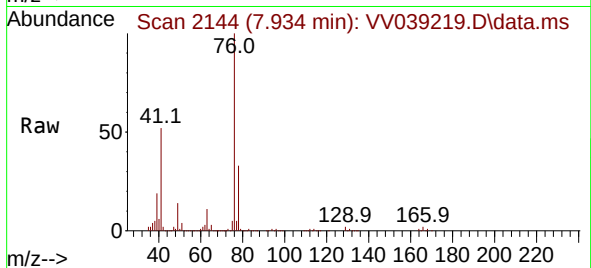
VSTDCCC050EC

Tgt Ion: 76 Resp: 671674

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 10.067 ug/l

RT: 6.780 min Scan# 1785

Delta R.T. -0.029 min

Lab File: VV039219.D

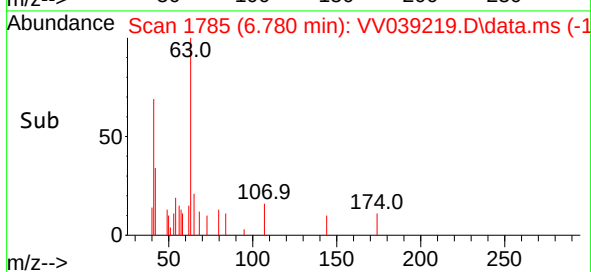
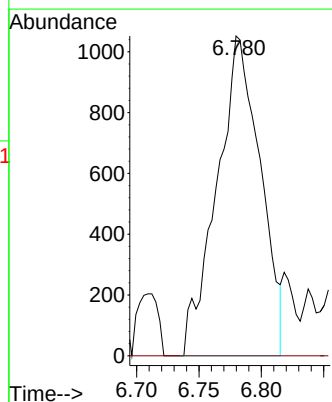
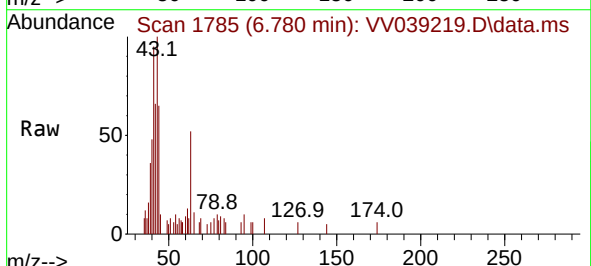
Acq: 26 Sep 2025 17:35

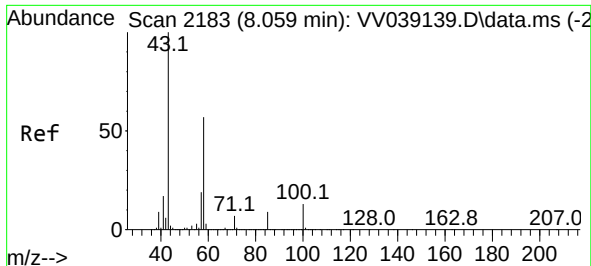
Tgt Ion: 63 Resp: 2549

Ion Ratio Lower Upper

63 100

106 0.0 22.1 33.1#





#59

2-Hexanone

Concen: 249.959 ug/l

RT: 8.063 min Scan# 2184

Delta R.T. 0.004 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

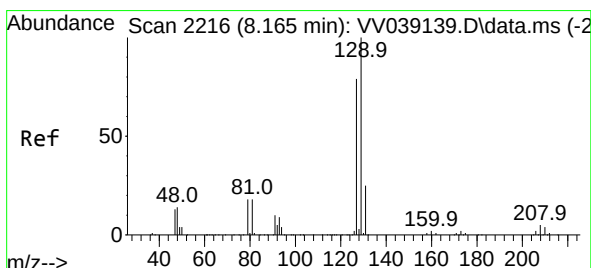
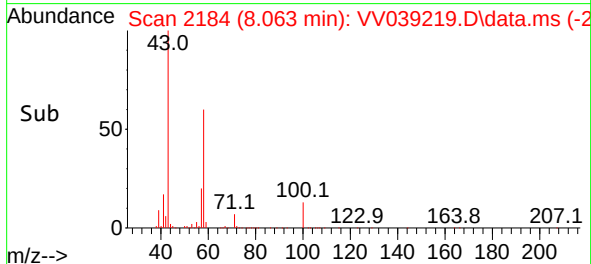
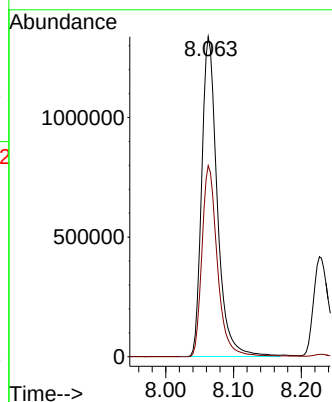
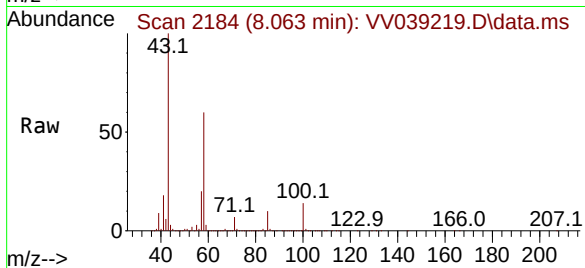
VSTDCCC050EC

Tgt Ion: 43 Resp: 2133675

Ion Ratio Lower Upper

43 100

58 59.5 28.3 85.0



#60

Dibromochloromethane

Concen: 51.523 ug/l

RT: 8.166 min Scan# 2216

Delta R.T. 0.000 min

Lab File: VV039219.D

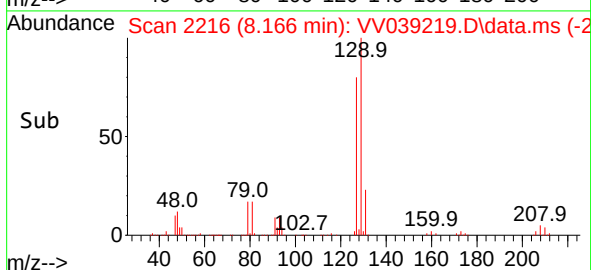
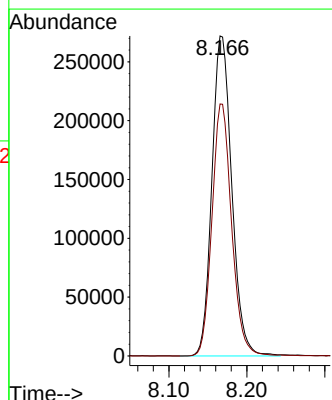
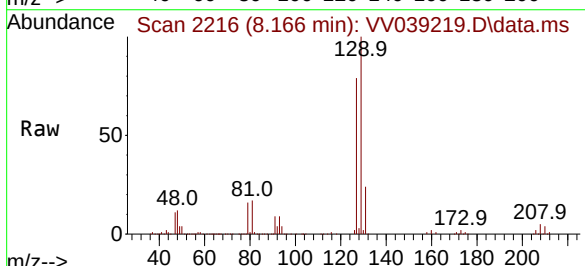
Acq: 26 Sep 2025 17:35

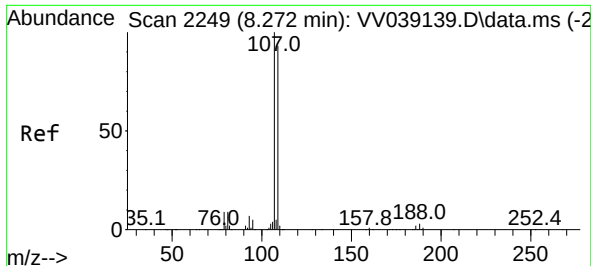
Tgt Ion:129 Resp: 482876

Ion Ratio Lower Upper

129 100

127 78.0 39.3 117.9

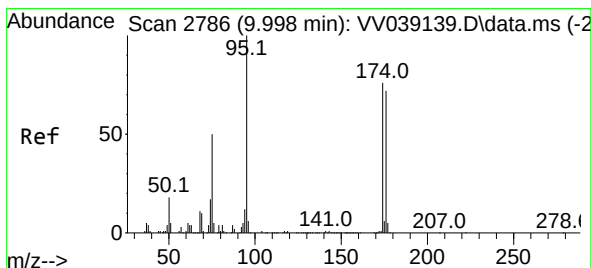
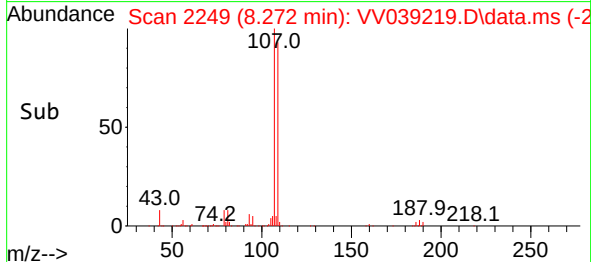
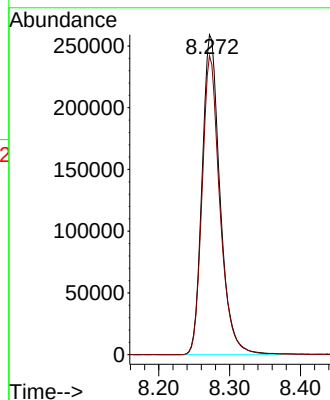
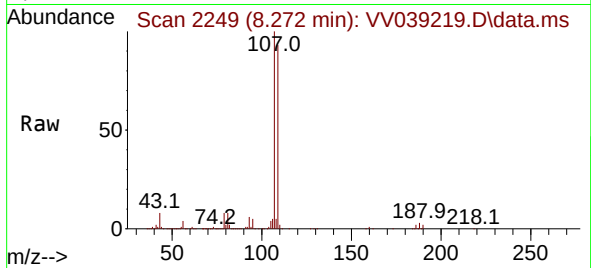




#61
1,2-Dibromoethane
Concen: 54.046 ug/l
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

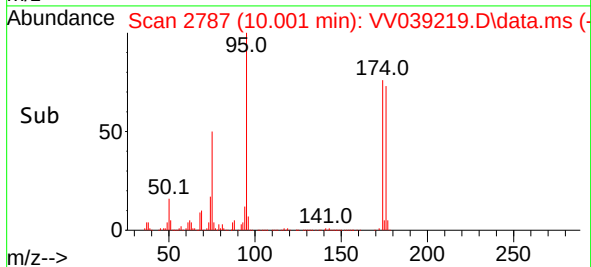
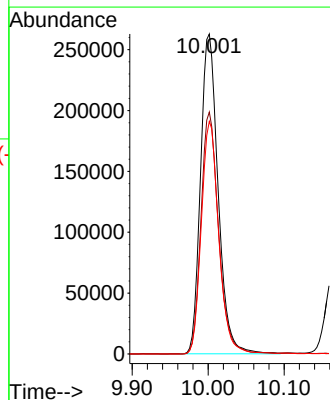
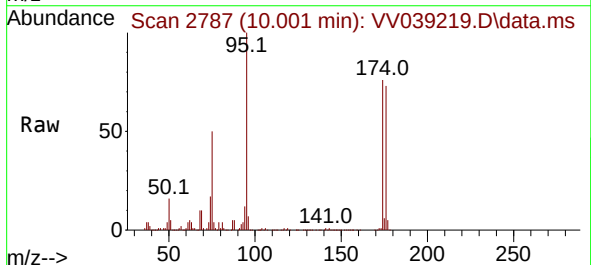
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

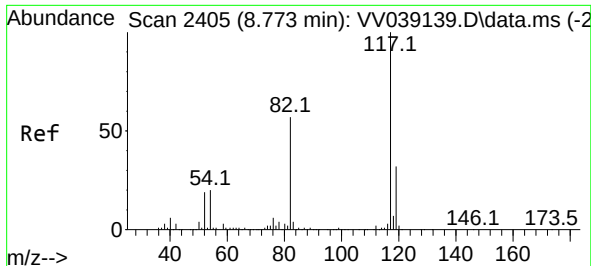
Tgt Ion:107 Resp: 454614
Ion Ratio Lower Upper
107 100
109 92.7 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 54.285 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 95 Resp: 421785
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.4
176 72.3 0.0 144.2

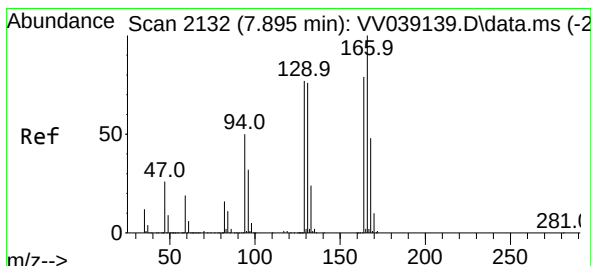
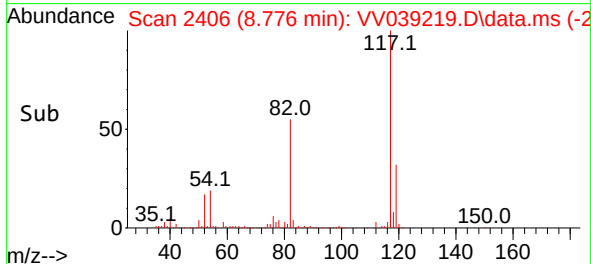
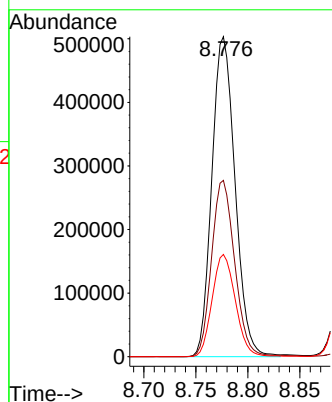
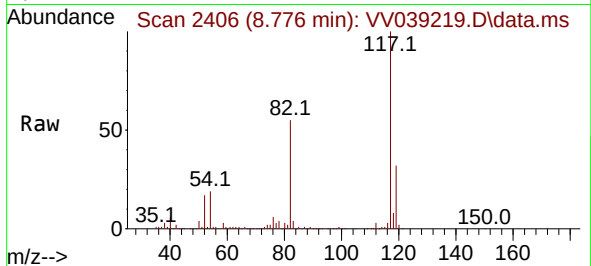




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

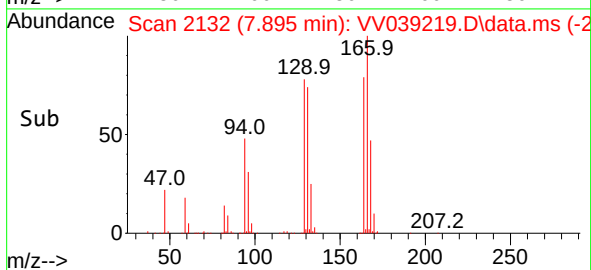
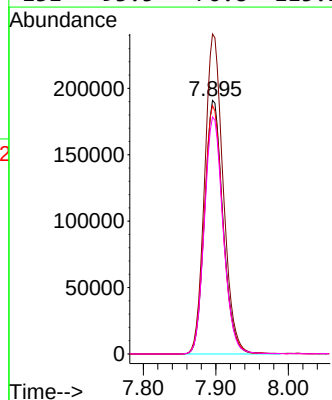
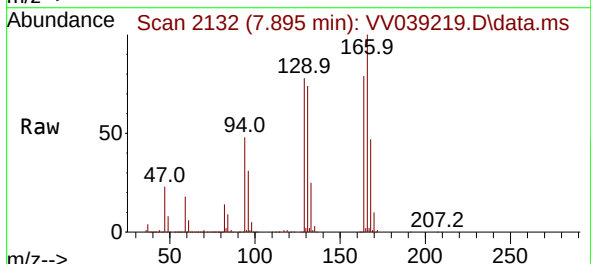
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

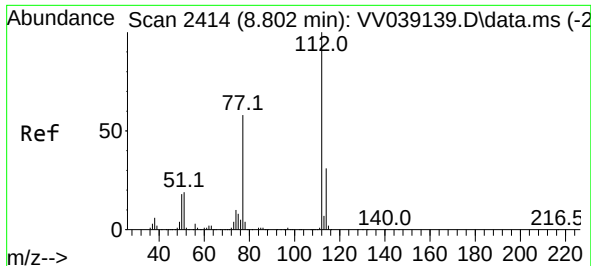
Tgt Ion:117 Resp: 781290
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 51.567 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion:164 Resp: 337455
Ion Ratio Lower Upper
164 100
166 126.2 101.6 152.4
129 97.9 78.5 117.7
131 93.5 76.8 115.2

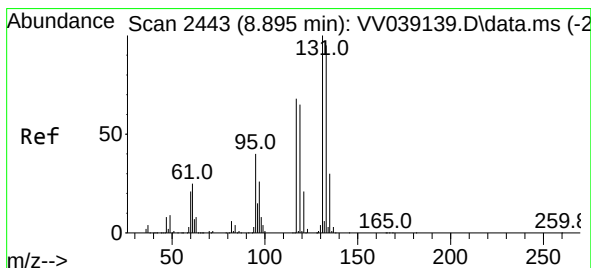
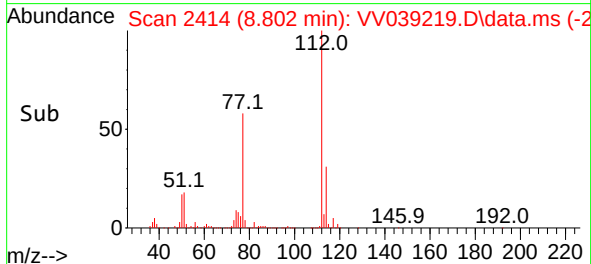
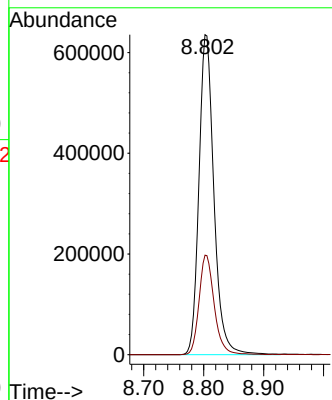
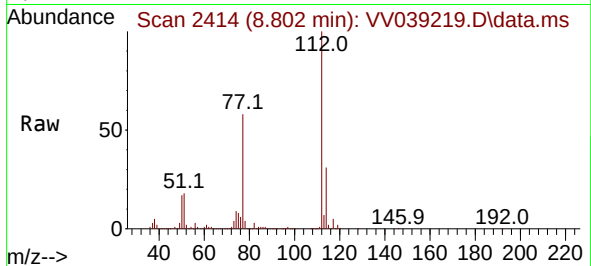




#65
Chlorobenzene
Concen: 50.786 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

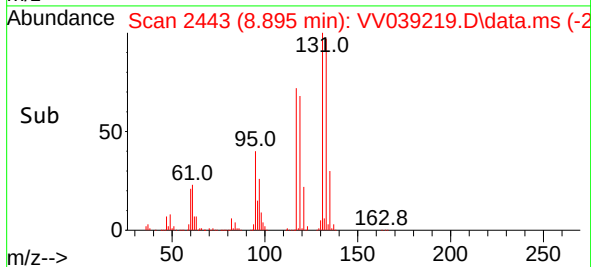
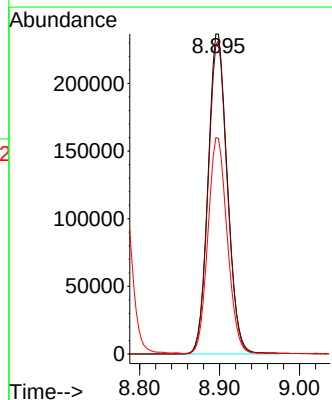
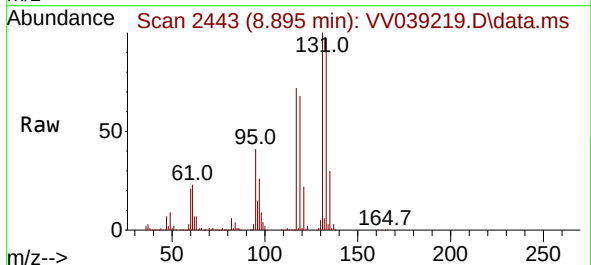
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

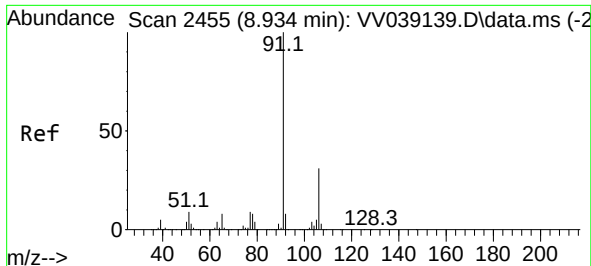
Tgt Ion:112 Resp: 1105226
Ion Ratio Lower Upper
112 100
114 31.1 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.535 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion:131 Resp: 397374
Ion Ratio Lower Upper
131 100
133 96.6 47.3 141.8
119 67.1 33.3 99.8





#67

Ethyl Benzene

Concen: 55.037 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

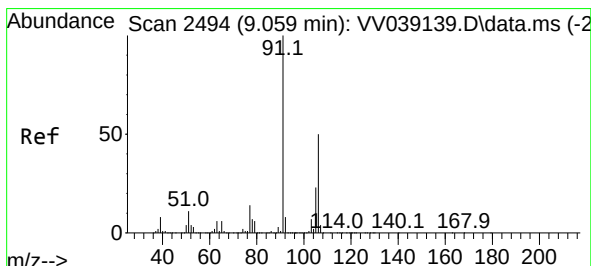
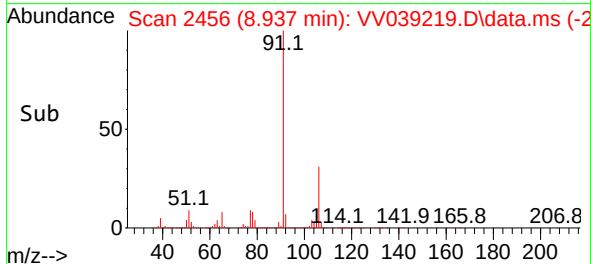
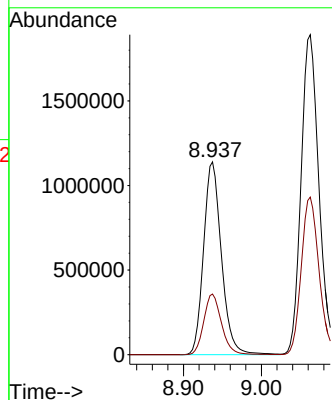
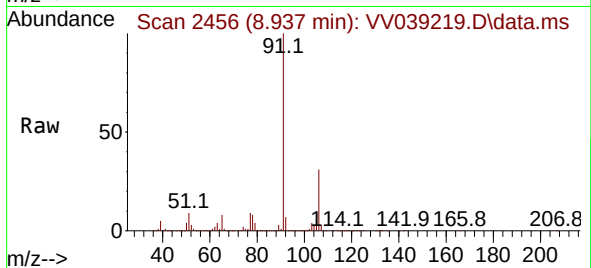
VSTDCCC050EC

Tgt Ion: 91 Resp: 1813049

Ion Ratio Lower Upper

91 100

106 31.4 24.6 37.0



#68

m/p-Xylenes

Concen: 116.935 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039219.D

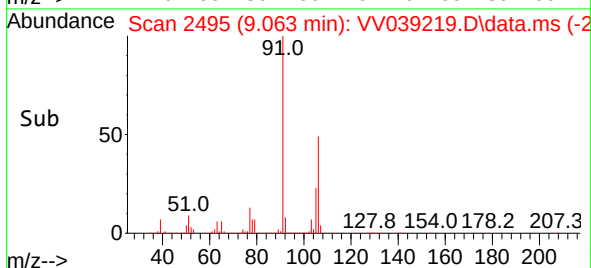
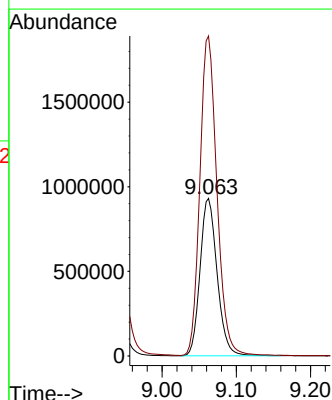
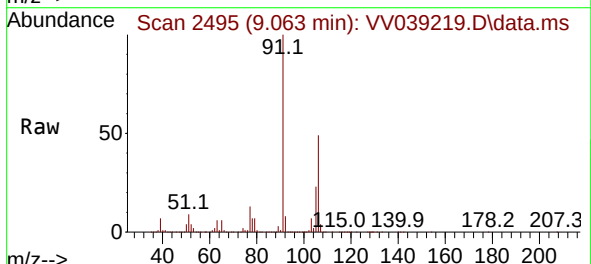
Acq: 26 Sep 2025 17:35

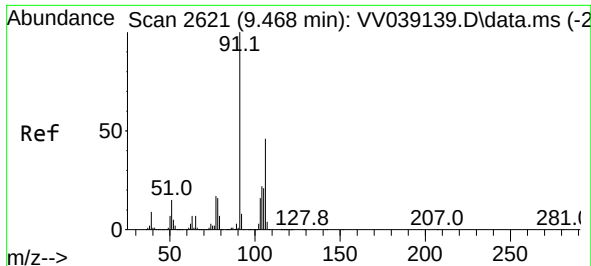
Tgt Ion: 106 Resp: 1486759

Ion Ratio Lower Upper

106 100

91 203.8 162.5 243.7

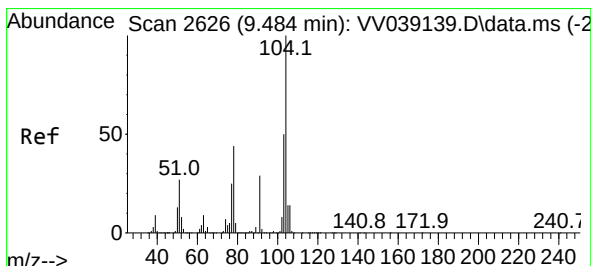
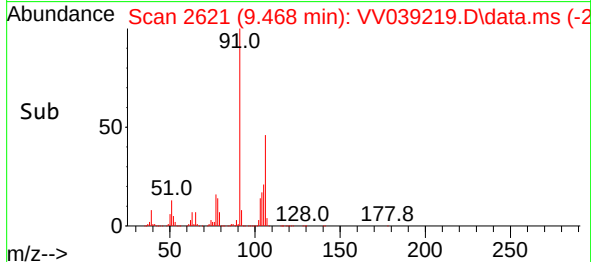
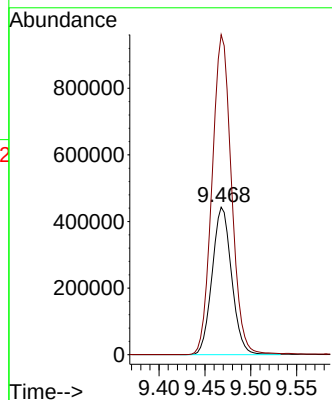
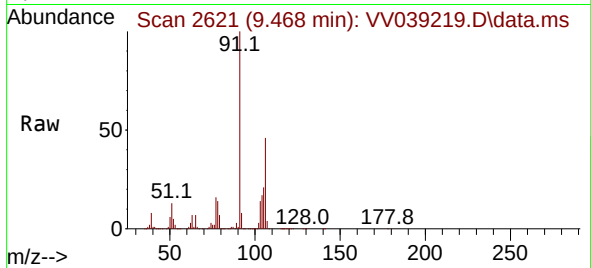




#69
o-Xylene
Concen: 58.089 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

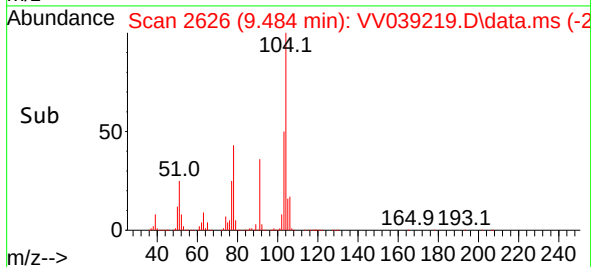
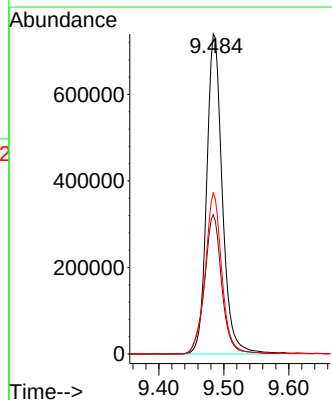
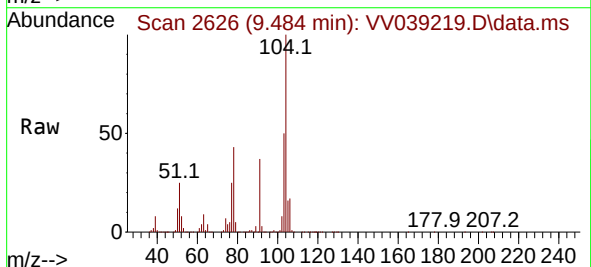
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

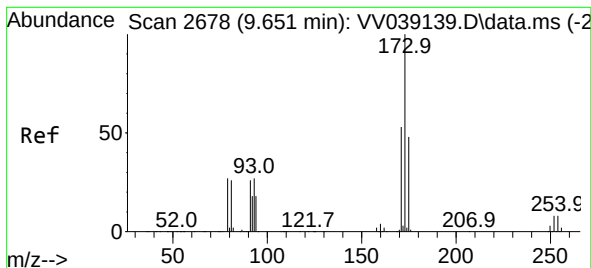
Tgt Ion:106 Resp: 653952
Ion Ratio Lower Upper
106 100
91 216.1 109.1 327.3



#70
Styrene
Concen: 52.085 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion:104 Resp: 1243325
Ion Ratio Lower Upper
104 100
78 48.0 39.8 59.6
103 53.9 43.4 65.2





#71

Bromoform

Concen: 54.664 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

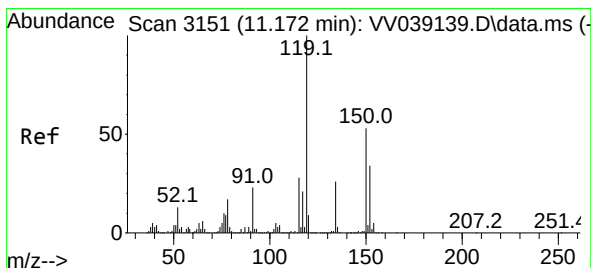
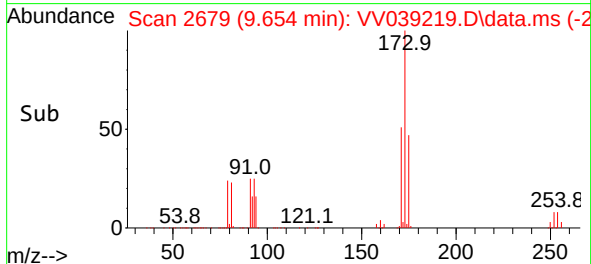
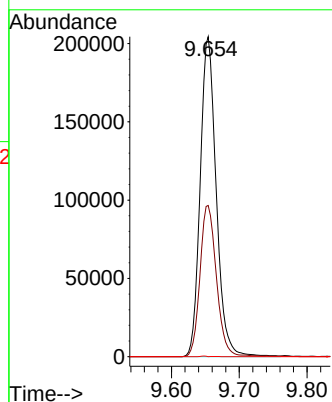
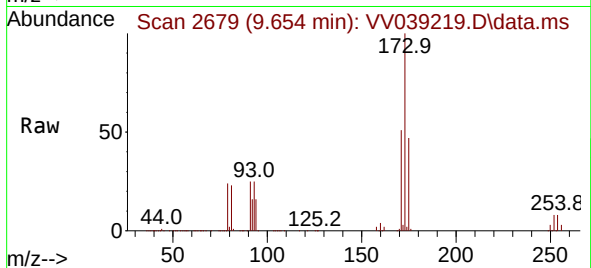
Tgt Ion:173 Resp: 335756

Ion Ratio Lower Upper

173 100

175 48.5 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: VV039219.D

Acq: 26 Sep 2025 17:35

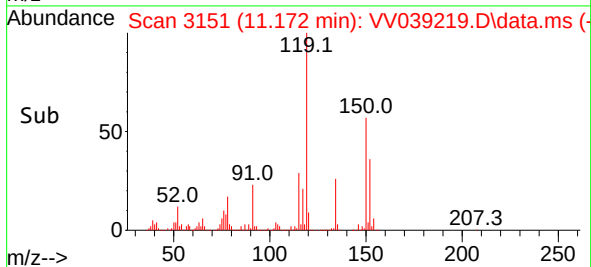
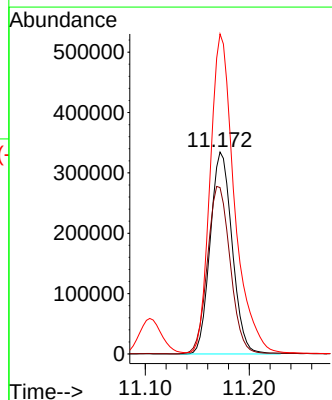
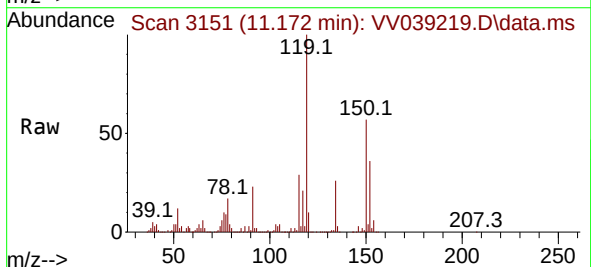
Tgt Ion:152 Resp: 491363

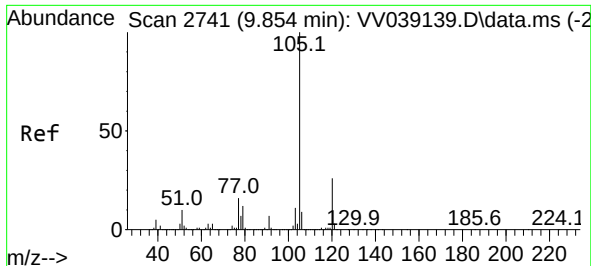
Ion Ratio Lower Upper

152 100

115 85.9 44.8 134.4

150 175.6 0.0 353.8

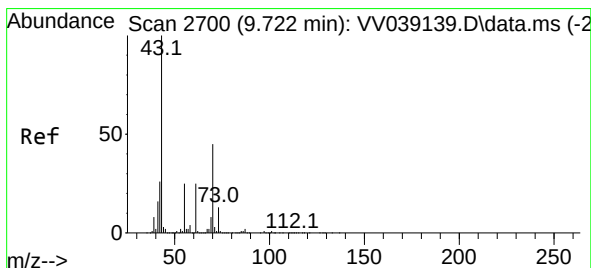
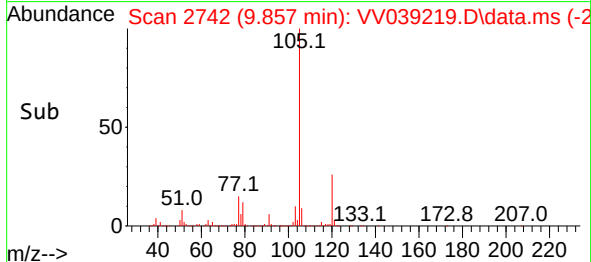
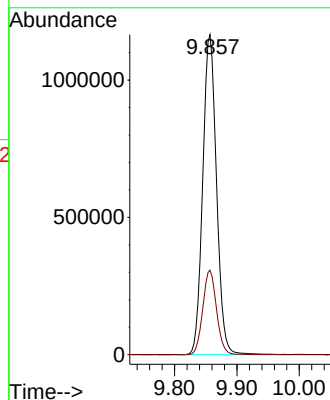
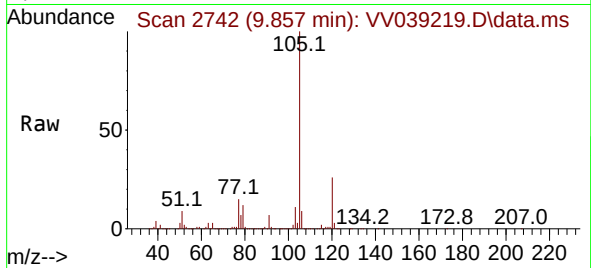




#73
Isopropylbenzene
Concen: 50.246 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

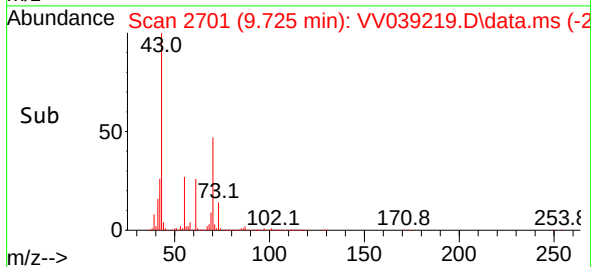
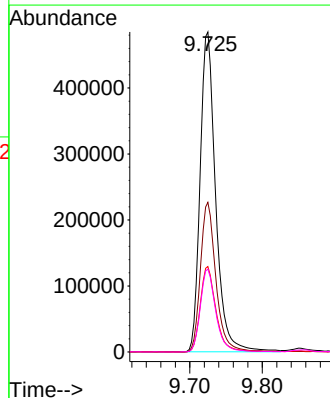
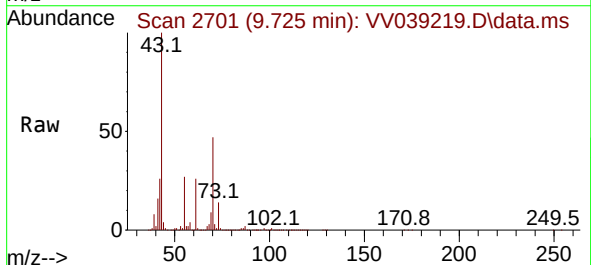
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

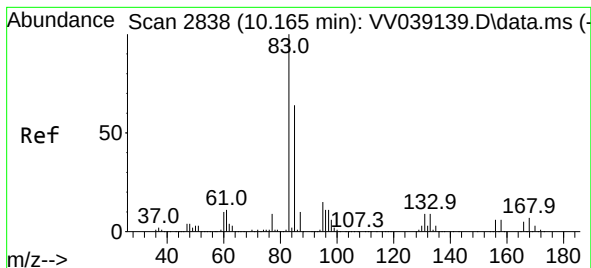
Tgt Ion:105 Resp: 1790695
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#74
N-ethyl acetate
Concen: 50.712 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 43 Resp: 720904
Ion Ratio Lower Upper
43 100
70 46.7 35.4 53.0
55 27.0 20.6 30.8
61 25.8 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 44.658 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

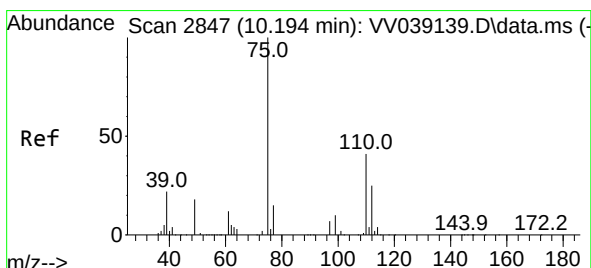
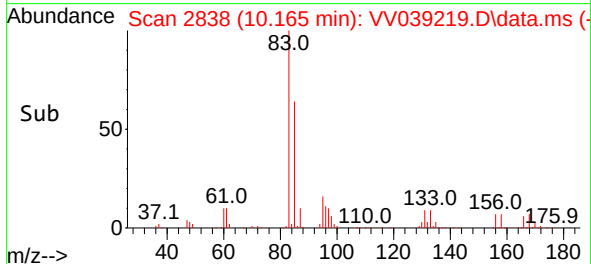
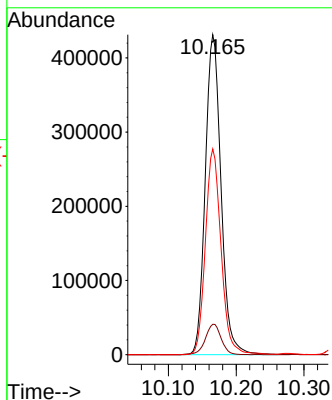
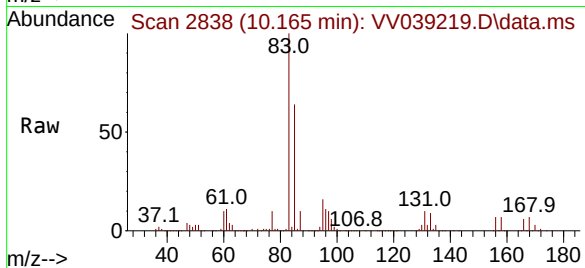
Tgt Ion: 83 Resp: 697351

Ion Ratio Lower Upper

83 100

131 9.6 4.5 13.7

85 64.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 47.214 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.003 min

Lab File: VV039219.D

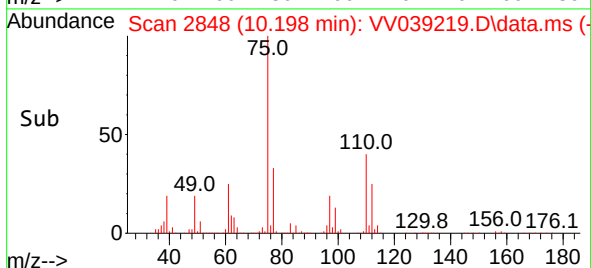
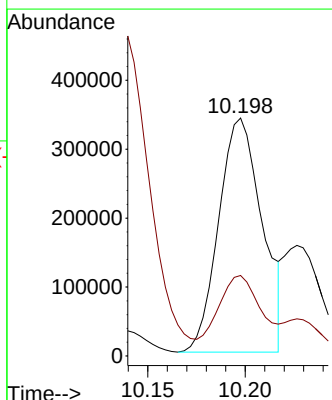
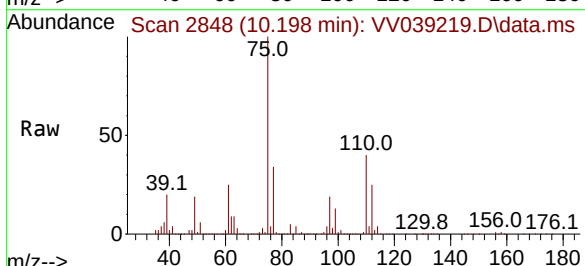
Acq: 26 Sep 2025 17:35

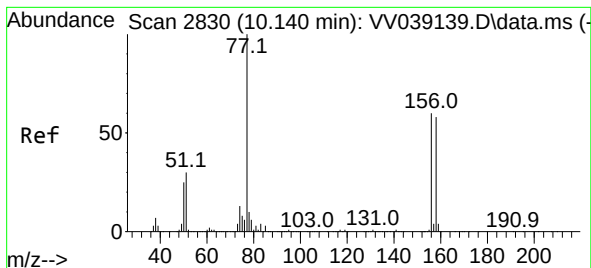
Tgt Ion: 75 Resp: 528208

Ion Ratio Lower Upper

75 100

77 23.8 11.3 33.8





#77

Bromobenzene

Concen: 48.787 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

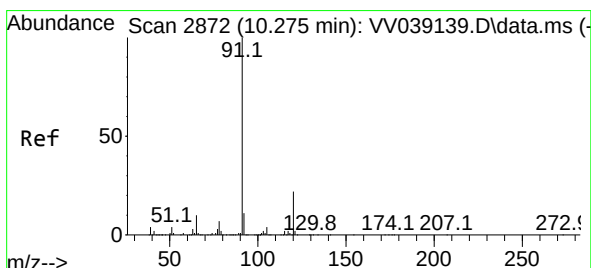
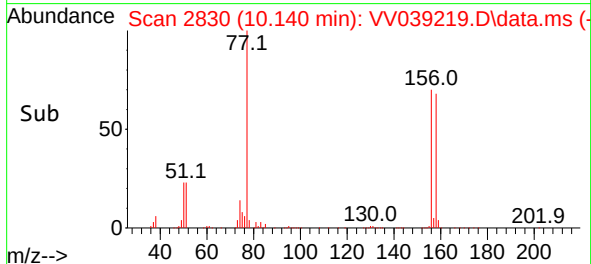
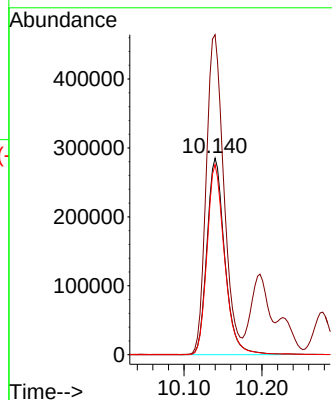
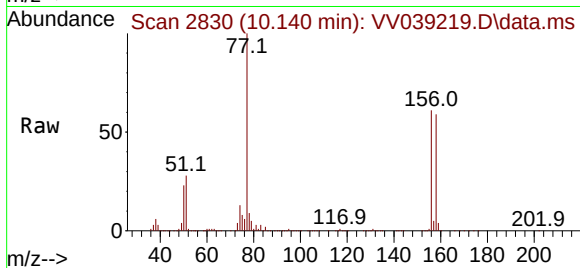
Tgt Ion:156 Resp: 451102

Ion Ratio Lower Upper

156 100

77 162.1 83.4 250.1

158 95.9 48.8 146.4



#78

n-propylbenzene

Concen: 50.239 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039219.D

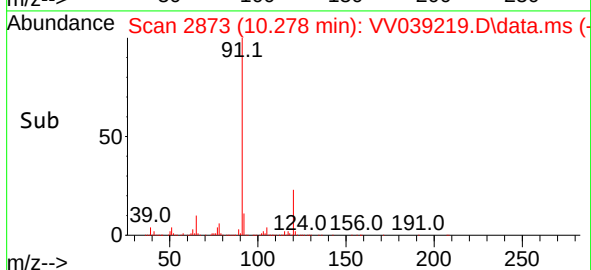
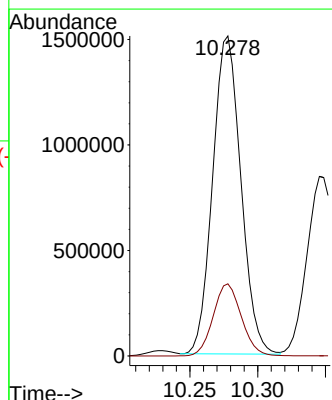
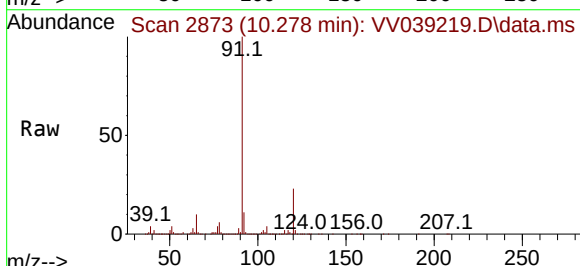
Acq: 26 Sep 2025 17:35

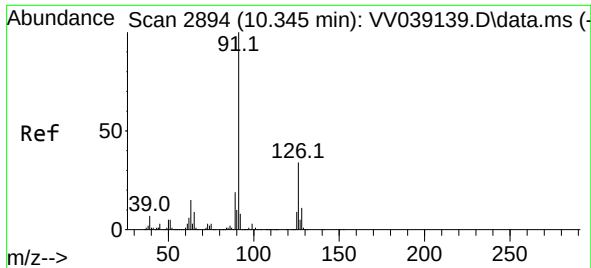
Tgt Ion: 91 Resp: 2180325

Ion Ratio Lower Upper

91 100

120 22.8 11.1 33.3

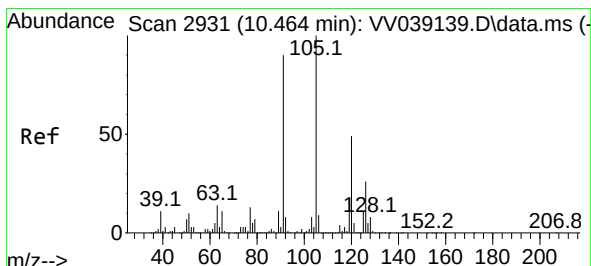
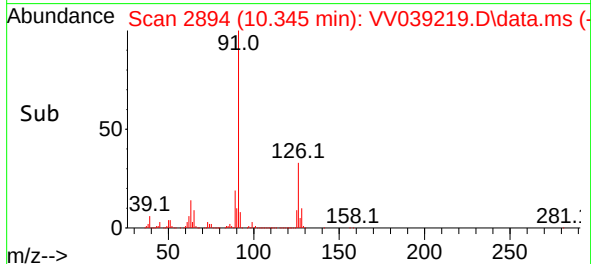
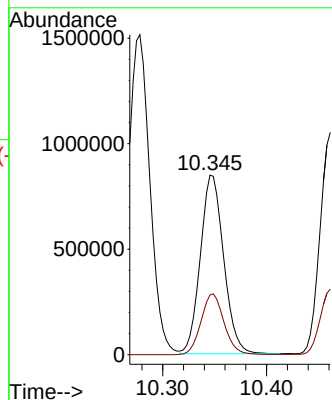
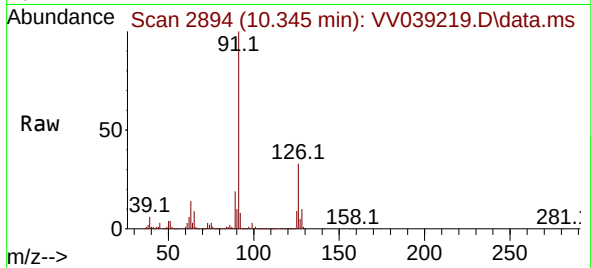




#79
2-Chlorotoluene
Concen: 50.787 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

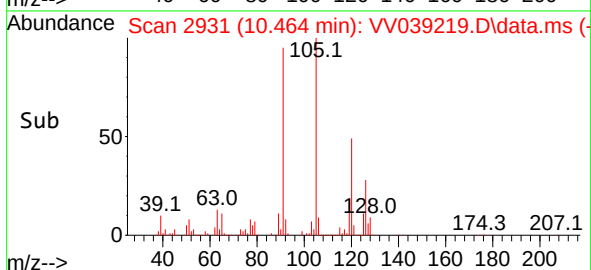
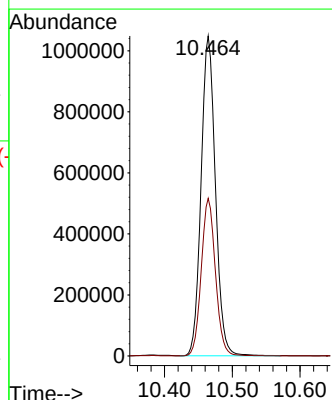
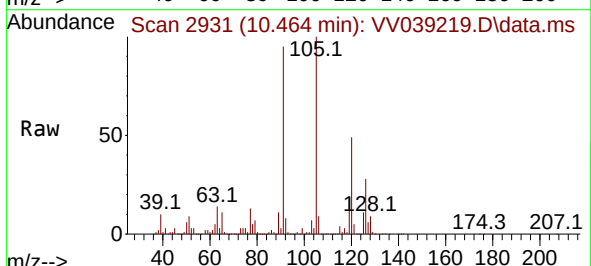
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

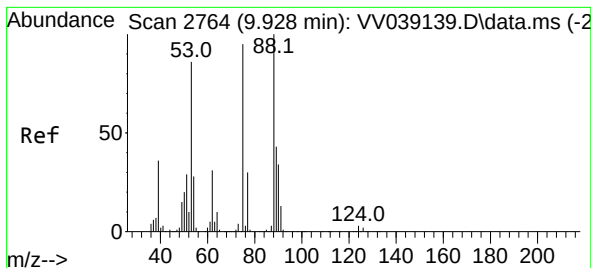
Tgt Ion: 91 Resp: 1318891
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 52.001 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 105 Resp: 1540394
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

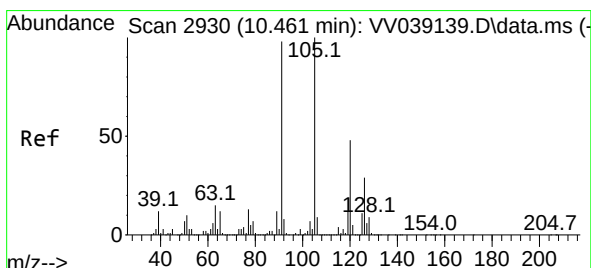
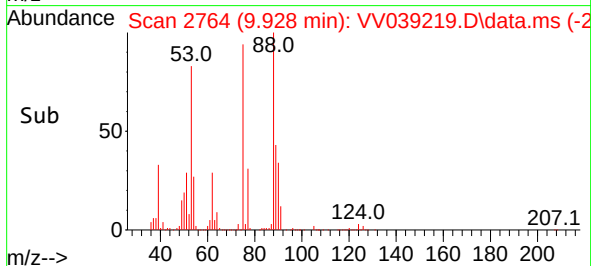
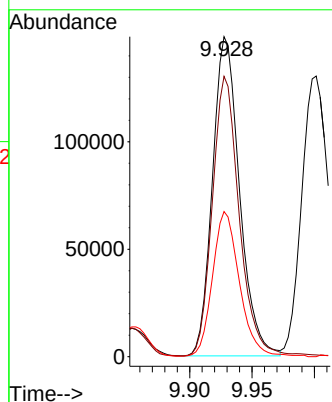
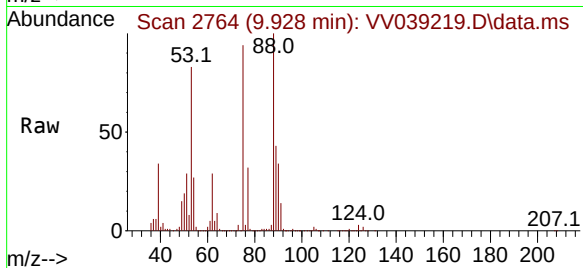




#81
trans-1,4-Dichloro-2-butene
Concen: 48.300 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

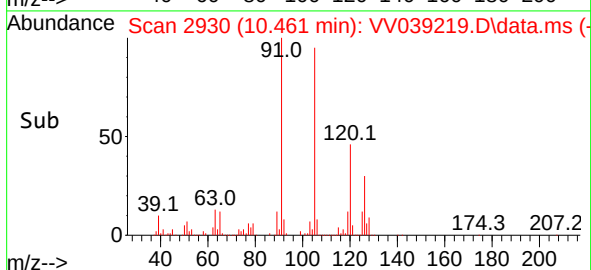
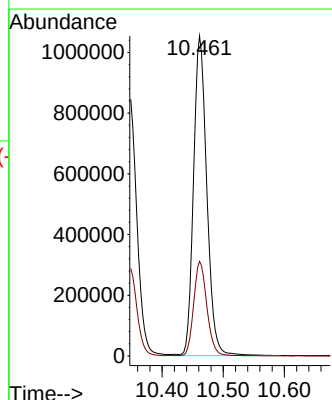
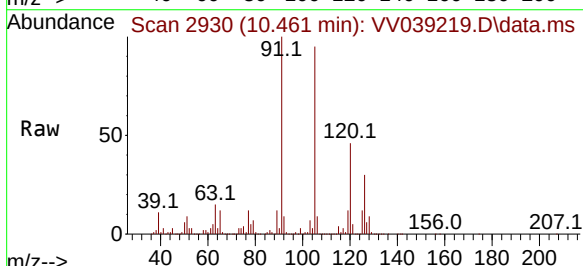
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

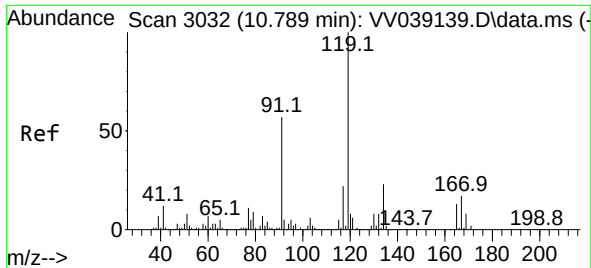
Tgt Ion: 75 Resp: 225086
Ion Ratio Lower Upper
75 100
53 86.6 72.5 108.7
89 45.4 37.2 55.8



#82
4-Chlorotoluene
Concen: 52.616 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 91 Resp: 1584402
Ion Ratio Lower Upper
91 100
126 29.6 14.5 43.6

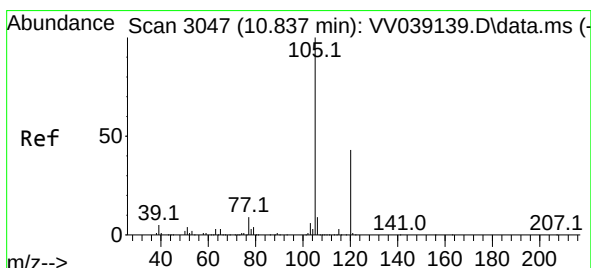
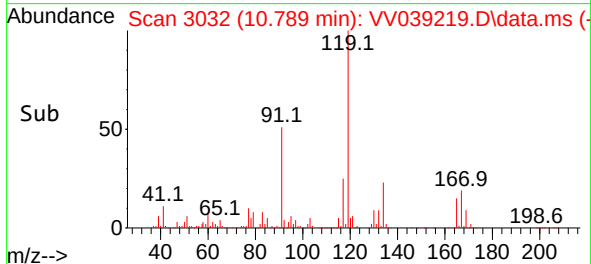
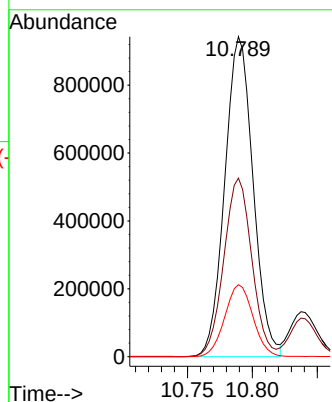
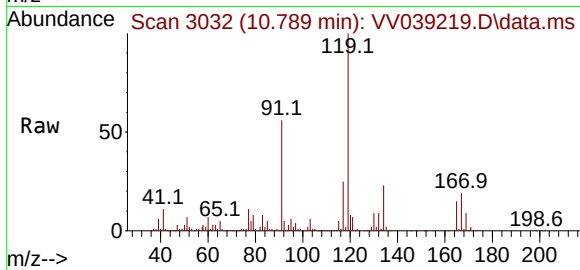




#83
 tert-Butylbenzene
 Concen: 48.380 ug/l
 RT: 10.789 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VV039219.D
 Acq: 26 Sep 2025 17:35

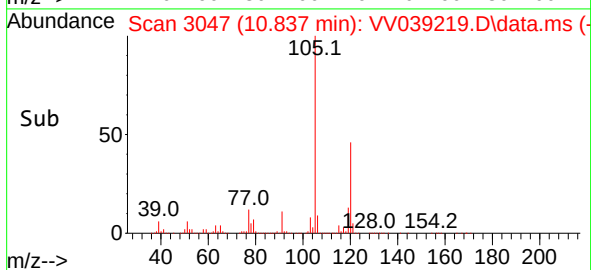
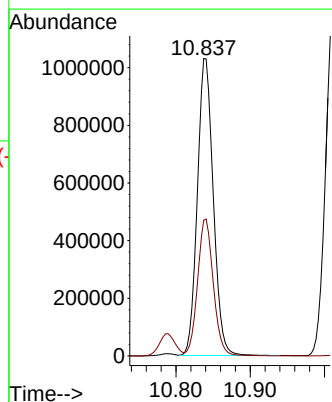
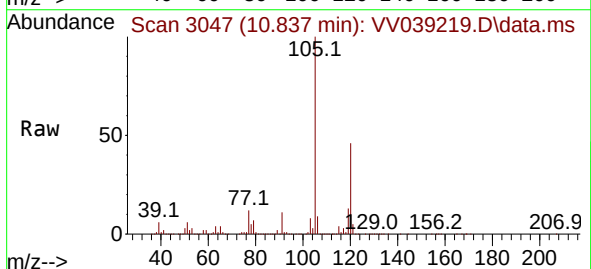
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

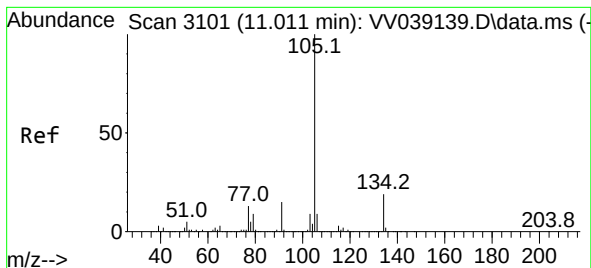
Tgt Ion:119 Resp: 1429044
 Ion Ratio Lower Upper
 119 100
 91 55.1 28.5 85.6
 134 22.6 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.458 ug/l
 RT: 10.837 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VV039219.D
 Acq: 26 Sep 2025 17:35

Tgt Ion:105 Resp: 1537396
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.4 67.2





#85

sec-Butylbenzene

Concen: 46.879 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

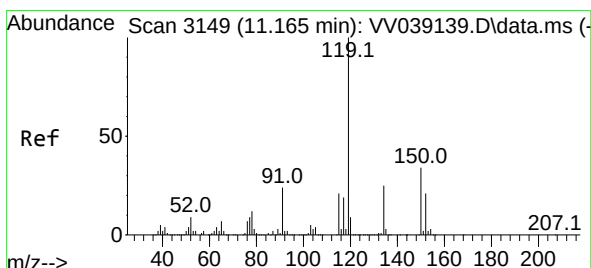
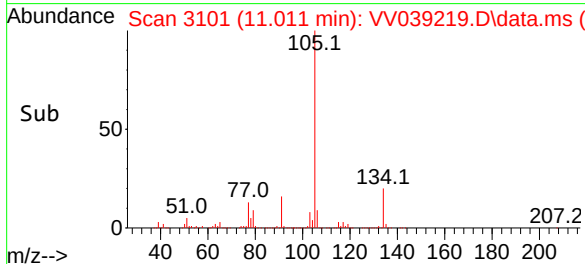
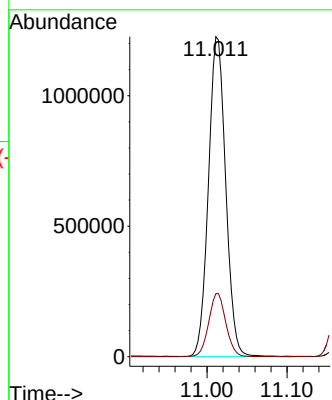
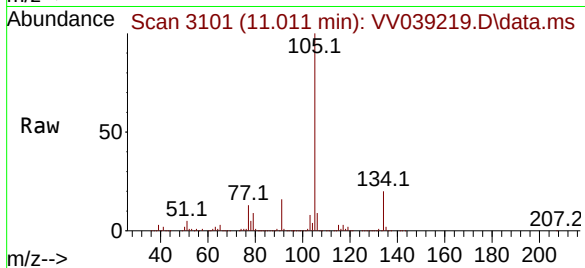
VSTDCCC050EC

Tgt Ion:105 Resp: 1836646

Ion Ratio Lower Upper

105 100

134 19.7 9.6 28.8



#86

p-Isopropyltoluene

Concen: 48.062 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

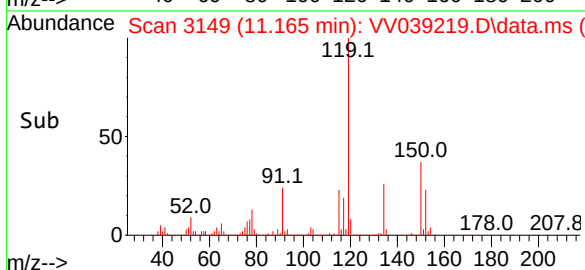
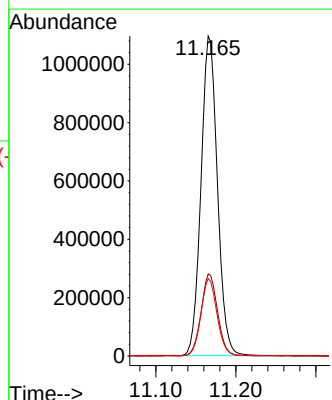
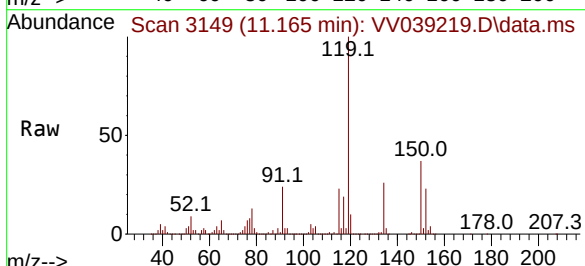
Tgt Ion:119 Resp: 1567234

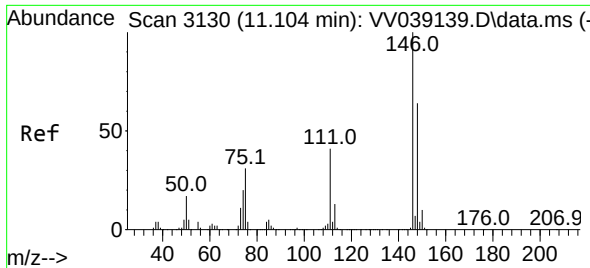
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

91 23.9 12.0 36.1

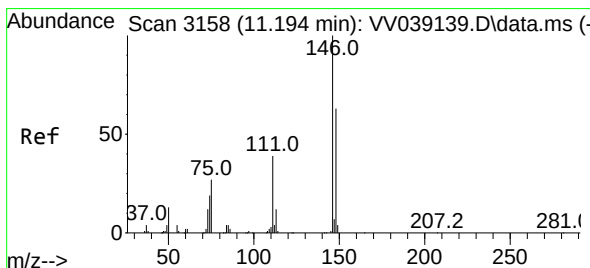
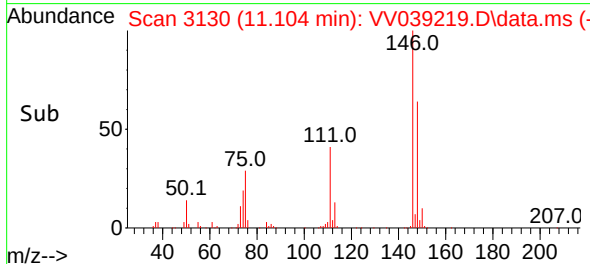
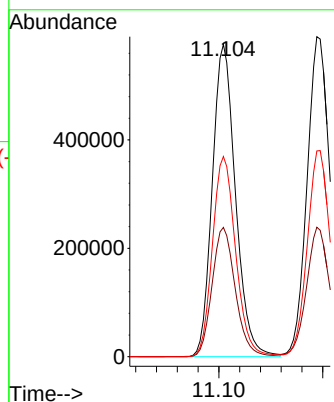
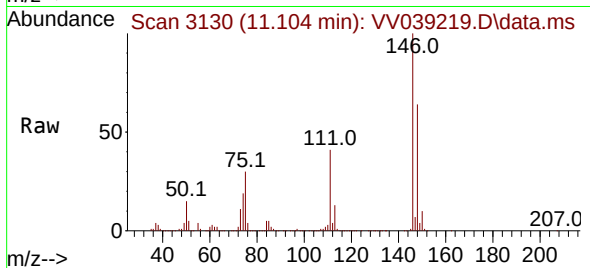




#87
1,3-Dichlorobenzene
Concen: 47.631 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

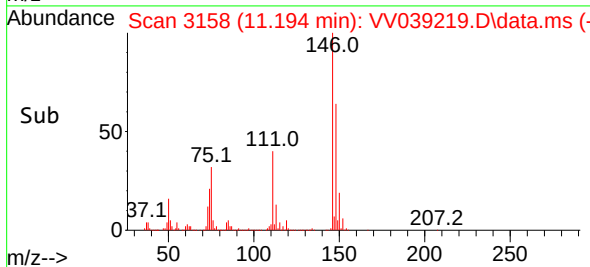
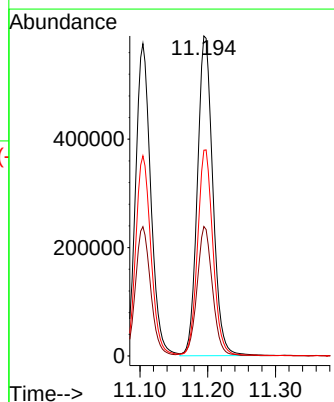
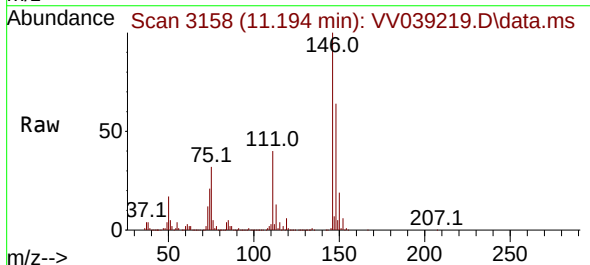
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

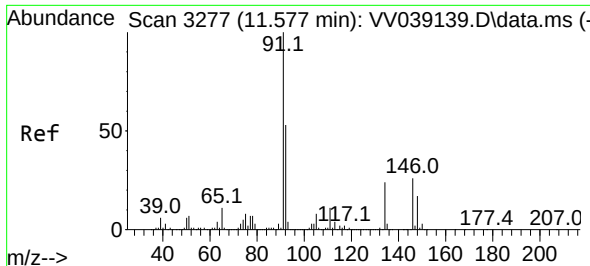
Tgt Ion:146 Resp: 891327
Ion Ratio Lower Upper
146 100
111 41.5 20.9 62.8
148 64.3 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 45.513 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. 0.000 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion:146 Resp: 934407
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.8
148 63.7 31.4 94.2

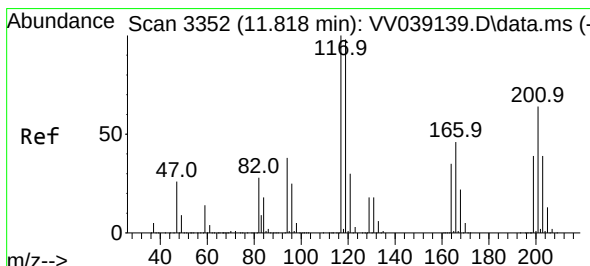
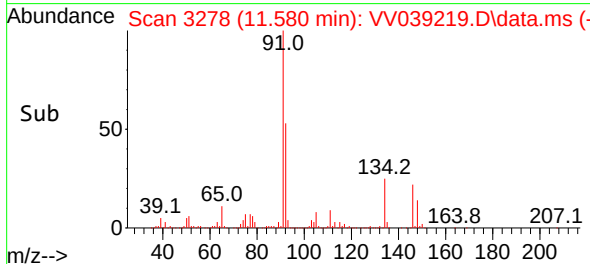
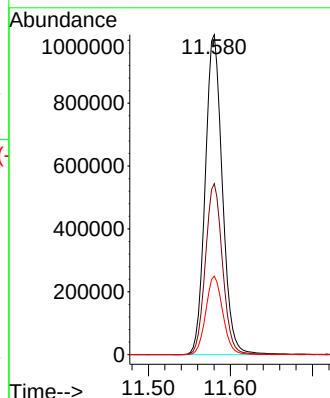
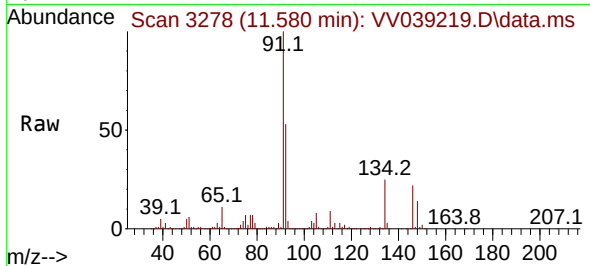




#89
n-Butylbenzene
Concen: 47.418 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

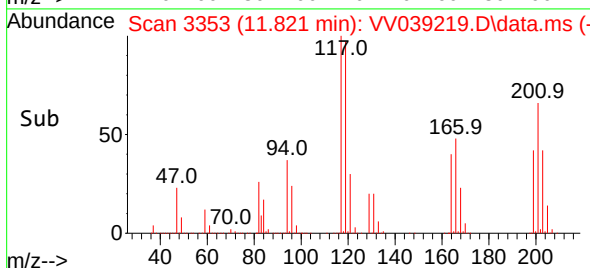
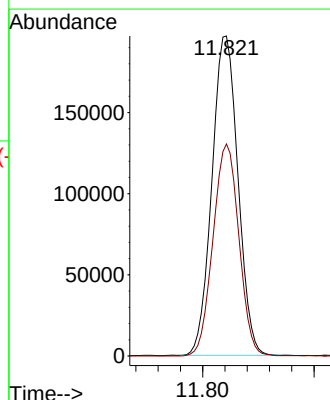
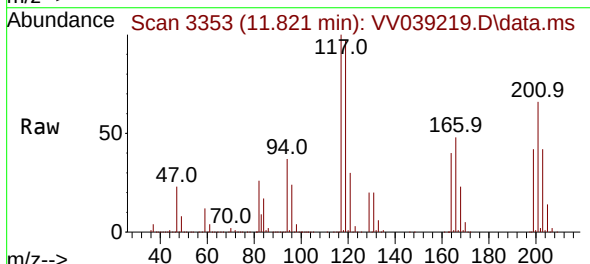
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

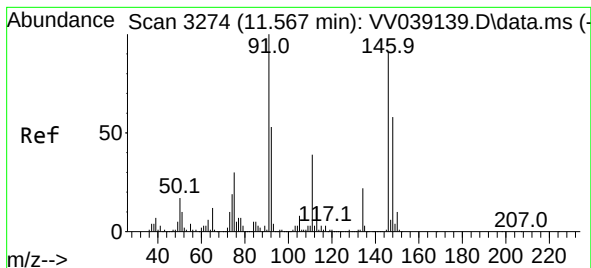
Tgt Ion: 91 Resp: 1476722
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 24.4 12.1 36.3



#90
Hexachloroethane
Concen: 39.798 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VV039219.D
Acq: 26 Sep 2025 17:35

Tgt Ion: 117 Resp: 319577
Ion Ratio Lower Upper
117 100
201 65.9 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 47.559 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

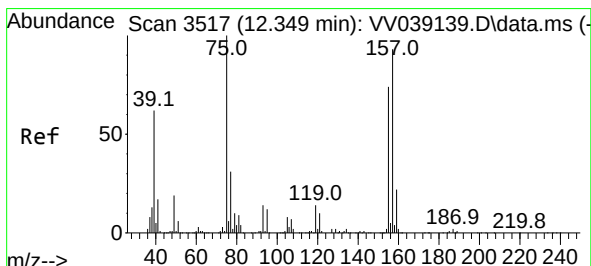
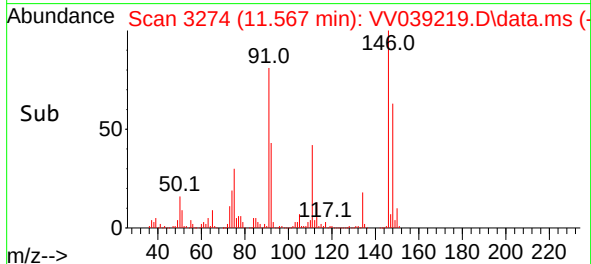
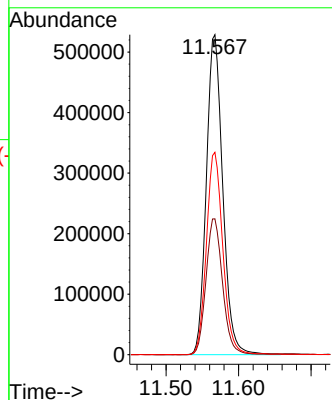
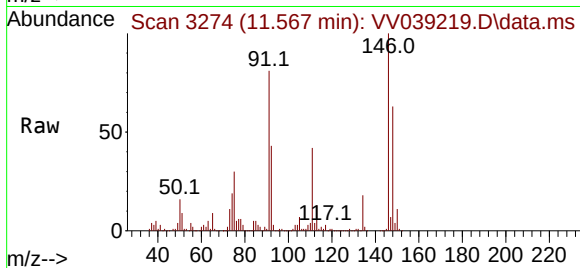
Tgt Ion:146 Resp: 831500

Ion Ratio Lower Upper

146 100

111 43.0 21.5 64.5

148 63.5 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.047 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.000 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

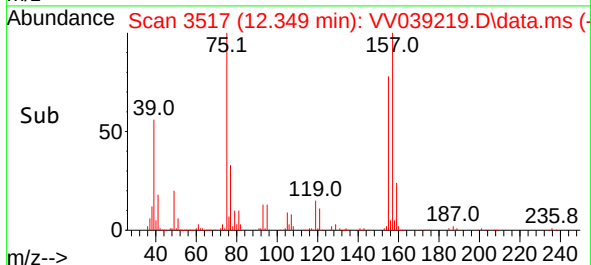
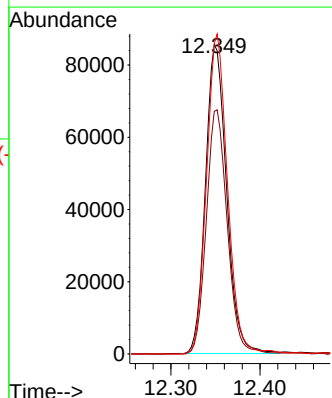
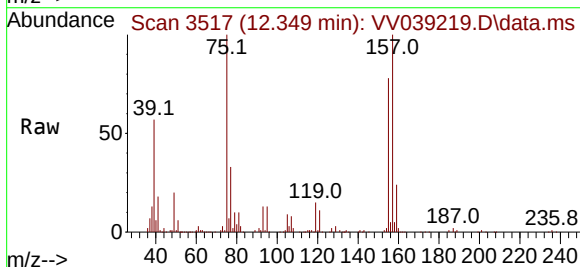
Tgt Ion: 75 Resp: 140601

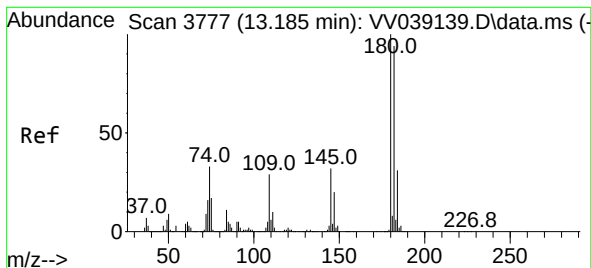
Ion Ratio Lower Upper

75 100

155 78.5 38.6 115.8

157 103.1 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 47.551 ug/l

RT: 13.185 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

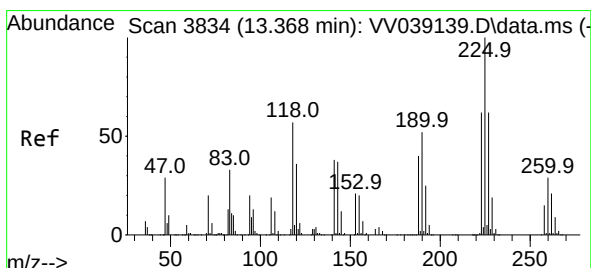
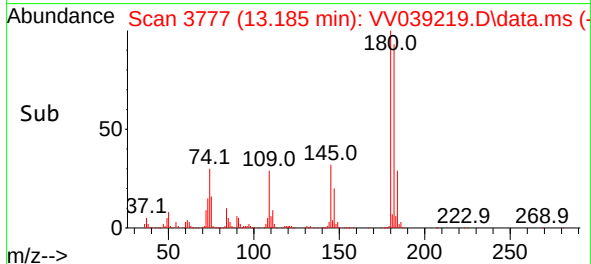
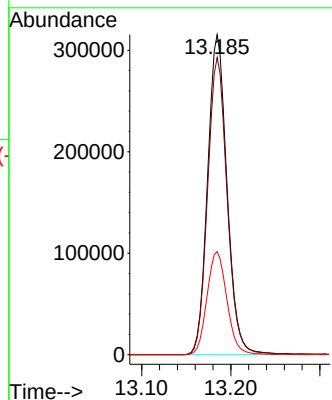
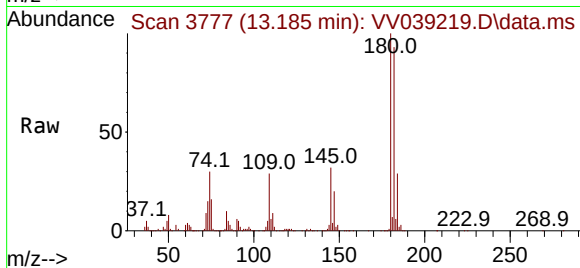
Tgt Ion:180 Resp: 476557

Ion Ratio Lower Upper

180 100

182 93.8 47.1 141.4

145 33.1 16.3 48.8



#94

Hexachlorobutadiene

Concen: 36.142 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

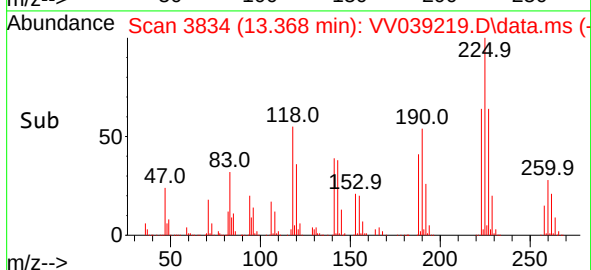
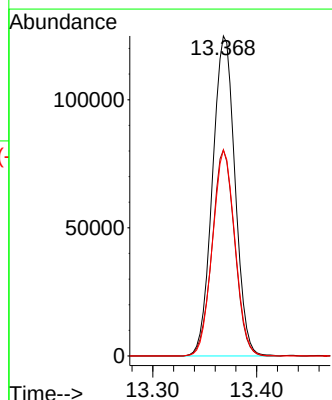
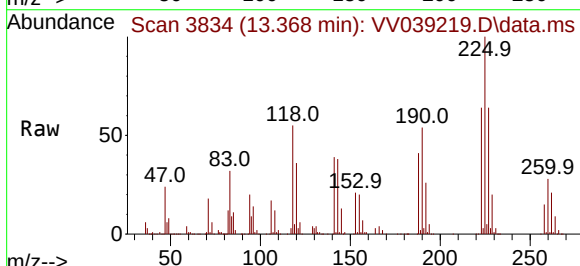
Tgt Ion:225 Resp: 188211

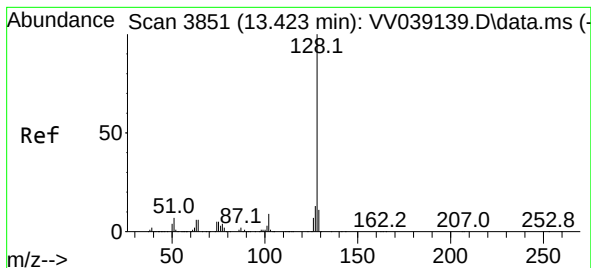
Ion Ratio Lower Upper

225 100

223 64.2 31.6 94.7

227 64.2 31.8 95.4





#95

Naphthalene

Concen: 54.728 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. -0.000 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

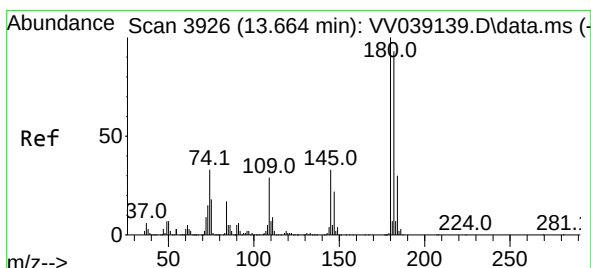
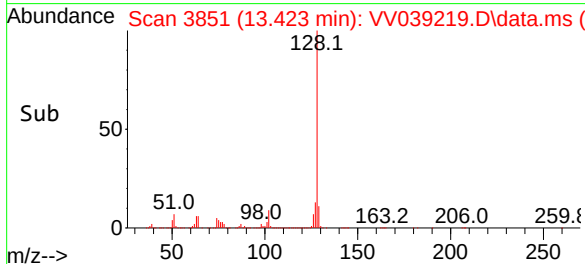
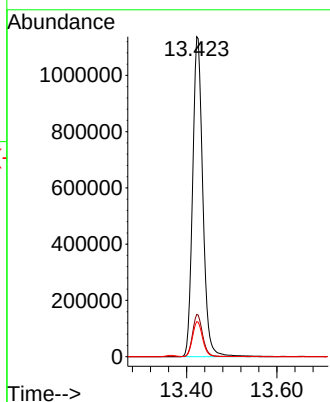
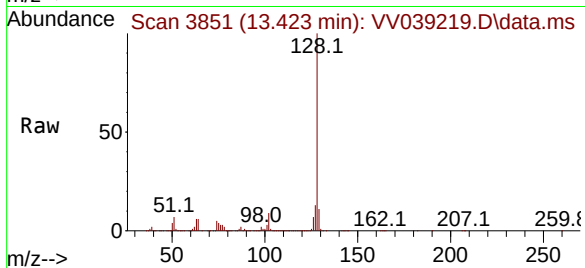
Tgt Ion:128 Resp: 1772806

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.485 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV039219.D

Acq: 26 Sep 2025 17:35

Tgt Ion:180 Resp: 486738

Ion Ratio Lower Upper

180 100

182 96.8 46.9 140.8

145 35.1 17.0 51.0

