

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039024.D
 Acq On : 25 Aug 2025 11:02
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 26 02:13:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 02:10:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	520262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	916718	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	846642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	445896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	164858	21.970	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	43.940%#
35) Dibromofluoromethane	4.506	113	134746	20.410	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	40.820%#
50) Toluene-d8	7.236	98	470396	20.124	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	40.240%#
62) 4-Bromofluorobenzene	10.001	95	164861	19.248	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	38.500%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	135947	19.513	ug/l	100
3) Chloromethane	1.230	50	144701	19.490	ug/l	98
4) Vinyl Chloride	1.294	62	168083	19.413	ug/l	100
5) Bromomethane	1.497	94	84389	19.398	ug/l	95
6) Chloroethane	1.561	64	114590	22.382	ug/l	98
7) Trichlorofluoromethane	1.725	101	241219	19.355	ug/l	99
8) Diethyl Ether	1.918	74	90461	19.133	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.079	101	147744	19.678	ug/l	98
10) Methyl Iodide	2.195	142	94707	17.493	ug/l	98
11) Tert butyl alcohol	2.568	59	150625	111.822	ug/l	98
12) 1,1-Dichloroethene	2.082	96	137462	19.122	ug/l	92
13) Acrolein	2.008	56	43426	71.404	ug/l	97
14) Allyl chloride	2.359	41	236866	20.934	ug/l	97
15) Acrylonitrile	2.674	53	464746	115.689	ug/l	100
16) Acetone	2.118	43	452388	95.453	ug/l	97
17) Carbon Disulfide	2.253	76	398925	19.991	ug/l	98
18) Methyl Acetate	2.384	43	211422	22.900	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	450555	21.271	ug/l	100
20) Methylene Chloride	2.455	84	163071	21.070	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	146718	20.363	ug/l	97
22) Diisopropyl ether	3.214	45	504825	24.516	ug/l	85
23) Vinyl Acetate	3.191	43	2049564	121.393	ug/l	97
24) 1,1-Dichloroethane	3.121	63	285960	22.168	ug/l	99
25) 2-Butanone	3.863	43	594253	113.983	ug/l	96
26) 2,2-Dichloropropane	3.812	77	228503	20.607	ug/l	100
27) cis-1,2-Dichloroethene	3.825	96	166993	20.912	ug/l	95
28) Bromochloromethane	4.150	49	72049	22.956	ug/l	88
29) Tetrahydrofuran	4.236	42	385931	120.114	ug/l	93
30) Chloroform	4.281	83	291166	21.702	ug/l	97
31) Cyclohexane	4.584	56	245954	21.559	ug/l	95
32) 1,1,1-Trichloroethane	4.513	97	246297	20.855	ug/l	97
36) 1,1-Dichloropropene	4.748	75	187936	21.182	ug/l	97
37) Ethyl Acetate	3.976	43	232190	22.296	ug/l #	96
38) Carbon Tetrachloride	4.735	117	212034	19.957	ug/l	98
39) Methylcyclohexane	6.047	83	236156	20.734	ug/l	97
40) Benzene	5.011	78	607191	21.414	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	93063	22.431	ug/l	99
42) 1,2-Dichloroethane	5.043	62	207438	20.980	ug/l	97
43) Isopropyl Acetate	5.191	43	346627	23.388	ug/l	95
44) Trichloroethene	5.834	130	139257	19.560	ug/l	95
45) 1,2-Dichloropropane	6.092	63	155974	21.638	ug/l	99
46) Dibromomethane	6.230	93	111033	20.311	ug/l	96
47) Bromodichloromethane	6.426	83	227085	20.160	ug/l	100
48) Methyl methacrylate	6.301	41	155830	21.544	ug/l	96
49) 1,4-Dioxane	6.294	88	55448	452.989	ug/l	93
51) 4-Methyl-2-Pentanone	7.146	43	1205429	114.660	ug/l	97
52) Toluene	7.310	92	368186	20.359	ug/l	99
53) t-1,3-Dichloropropene	7.577	75	223487	20.668	ug/l	96
54) cis-1,3-Dichloropropene	6.950	75	240500	20.704	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	154134	20.428	ug/l	99
56) Ethyl methacrylate	7.719	69	207441	20.728	ug/l	95
57) 1,3-Dichloropropane	7.934	76	256346	21.046	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	600174	102.467	ug/l	97
59) 2-Hexanone	8.063	43	884959	113.804	ug/l	97
60) Dibromochloromethane	8.169	129	170873	19.577	ug/l	99
61) 1,2-Dibromoethane	8.275	107	160748	20.642	ug/l	98
64) Tetrachloroethene	7.899	164	118895	19.754	ug/l	96
65) Chlorobenzene	8.805	112	407753	20.127	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.899	131	142201	20.104	ug/l	98
67) Ethyl Benzene	8.937	91	668925	20.870	ug/l	98
68) m/p-Xylenes	9.063	106	525645	42.653	ug/l	99
69) o-Xylene	9.471	106	235224	20.847	ug/l	97
70) Styrene	9.487	104	416912	20.974	ug/l	99
71) Bromoform	9.654	173	112000	19.583	ug/l #	98
73) Isopropylbenzene	9.857	105	657859	21.052	ug/l	100
74) N-amyl acetate	9.725	43	287015	22.348	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.165	83	255579	20.761	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	187039	21.369	ug/l	98
77) Bromobenzene	10.143	156	155430	20.077	ug/l	98
78) n-propylbenzene	10.278	91	799320	21.668	ug/l	100
79) 2-Chlorotoluene	10.349	91	480101	21.122	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	544652	21.239	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.931	75	82228	20.660	ug/l	93
82) 4-Chlorotoluene	10.464	91	552416	21.364	ug/l	99
83) tert-Butylbenzene	10.789	119	529993	20.314	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	544801	21.708	ug/l	100
85) sec-Butylbenzene	11.014	105	711898	20.748	ug/l	99
86) p-Isopropyltoluene	11.169	119	599087	20.939	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	310587	20.070	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	325151	19.500	ug/l	99
89) n-Butylbenzene	11.580	91	575716	20.862	ug/l	98
90) Hexachloroethane	11.821	117	122398	19.150	ug/l	96
91) 1,2-Dichlorobenzene	11.567	146	287940	19.184	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	52362	19.581	ug/l	91
93) 1,2,4-Trichlorobenzene	13.188	180	171729	19.745	ug/l	99
94) Hexachlorobutadiene	13.368	225	76641	18.845	ug/l	98
95) Naphthalene	13.426	128	593006	19.659	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	174578	19.809	ug/l	100

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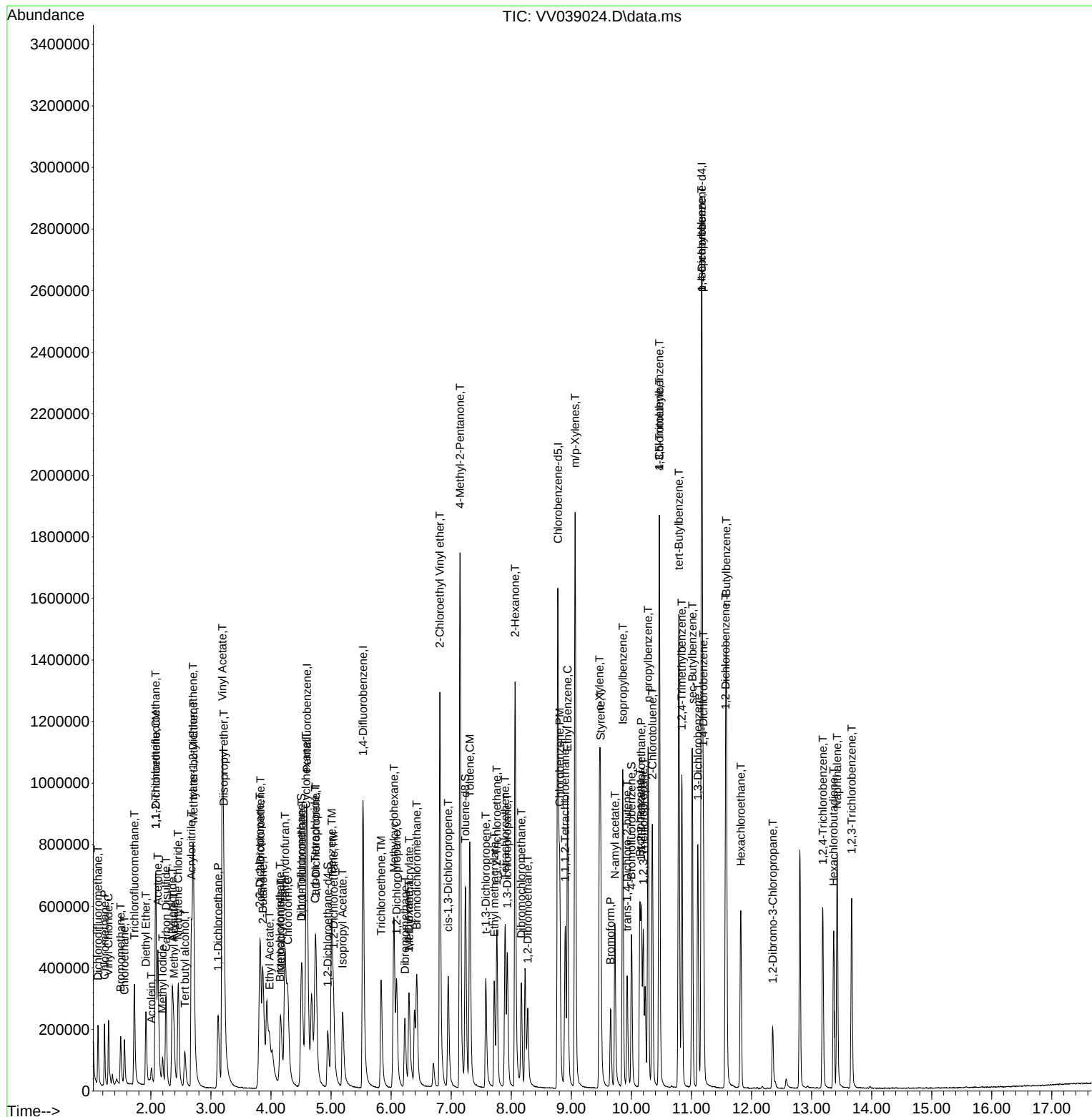
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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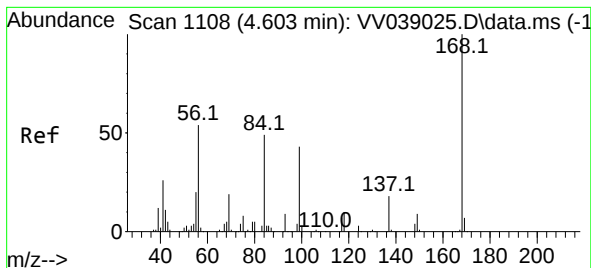
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.003 min

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MSVOA_V

ClientSampleId :

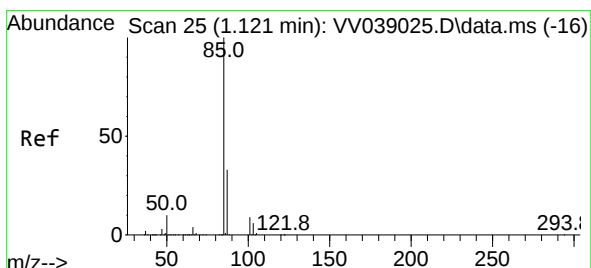
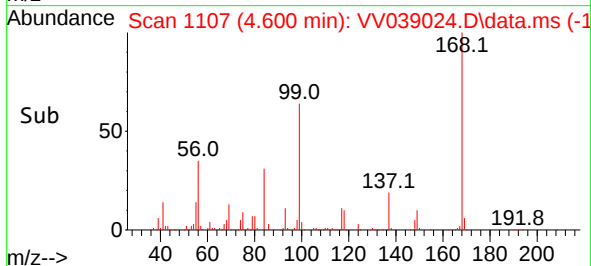
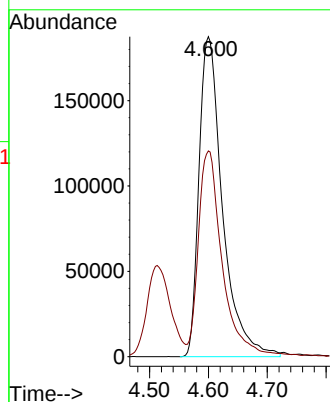
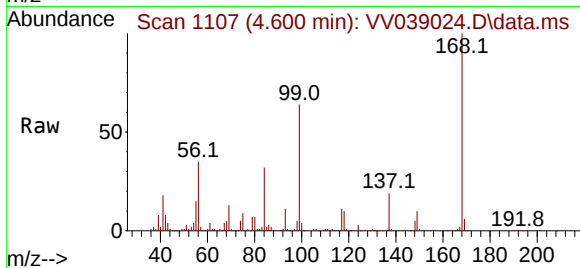
VSTDICC020

Tgt Ion:168 Resp: 520262

Ion Ratio Lower Upper

168 100

99 63.3 47.8 71.8



#2

Dichlorodifluoromethane

Concen: 19.513 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039024.D

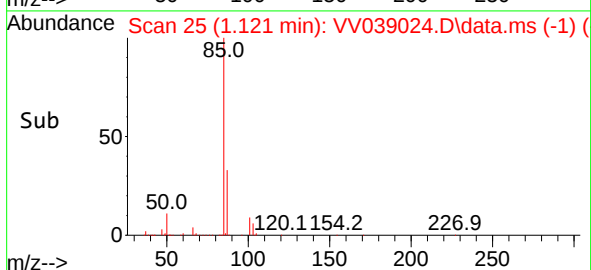
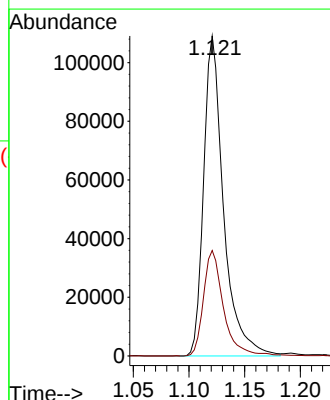
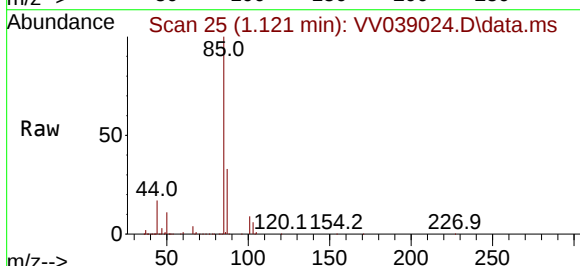
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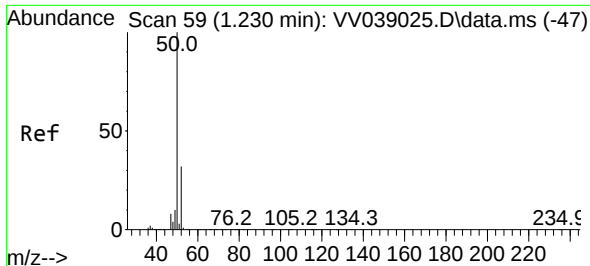
Tgt Ion: 85 Resp: 135947

Ion Ratio Lower Upper

85 100

87 33.0 16.6 49.8

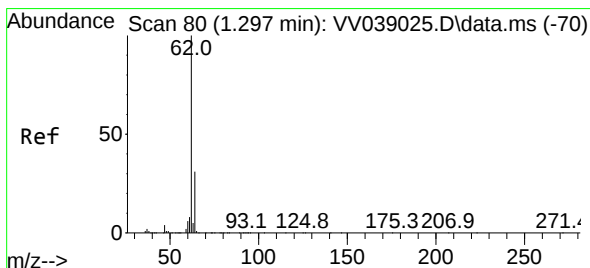
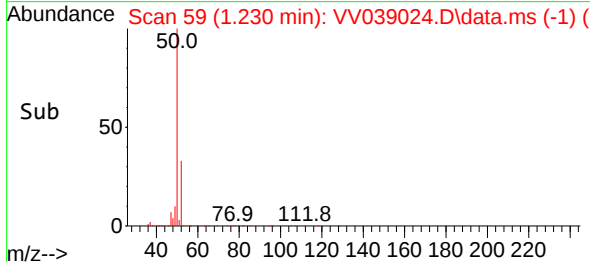
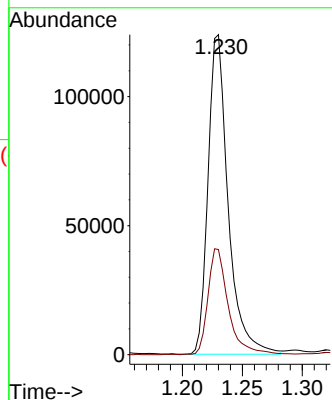
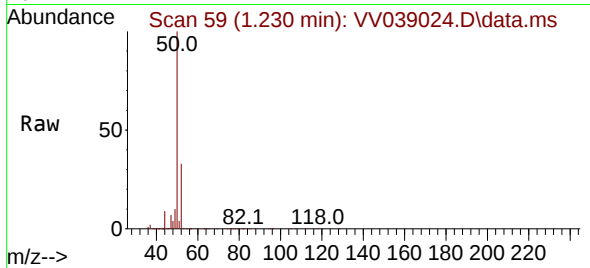




#3
Chloromethane
Concen: 19.490 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039024.D
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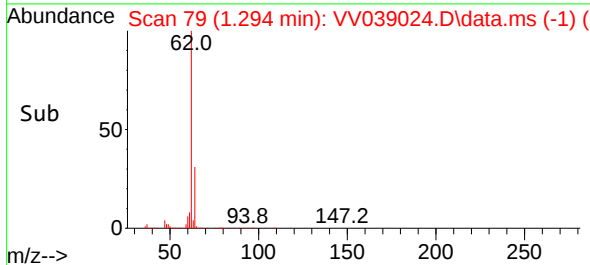
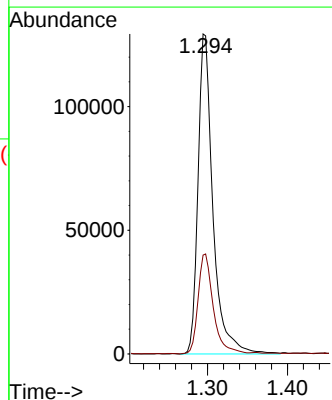
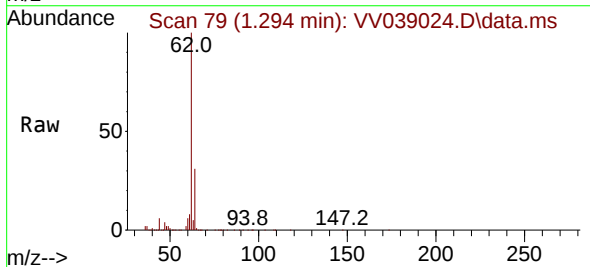
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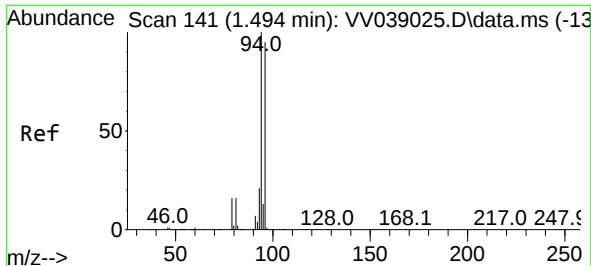
Tgt Ion: 50 Resp: 144701
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4



#4
Vinyl Chloride
Concen: 19.413 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 62 Resp: 168083
Ion Ratio Lower Upper
62 100
64 30.9 24.7 37.1

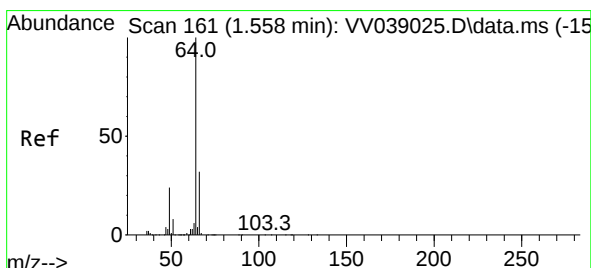
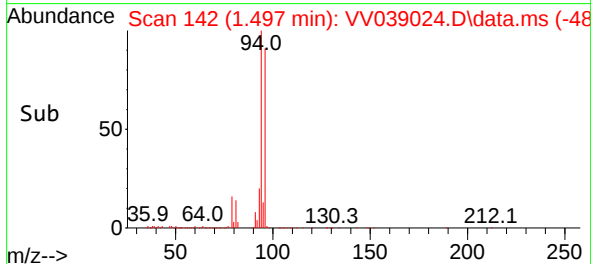
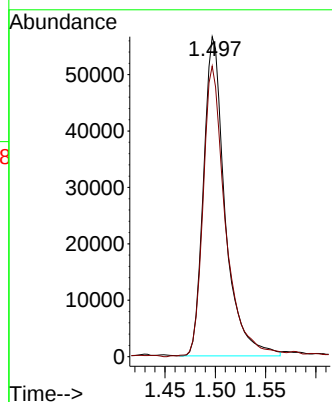
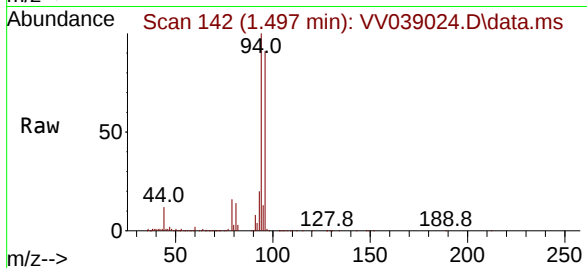




#5
Bromomethane
Concen: 19.398 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039024.D
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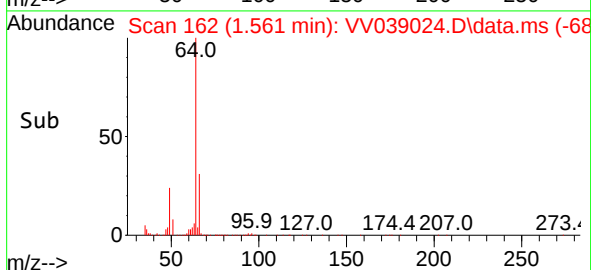
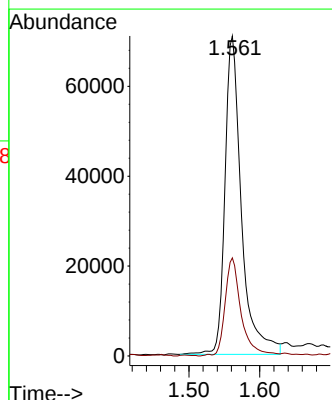
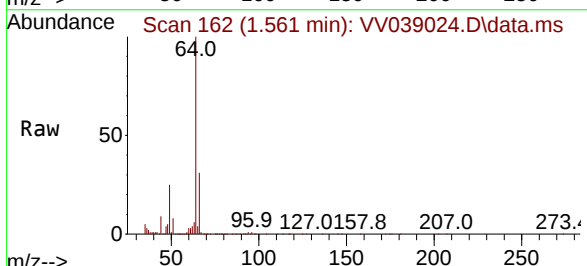
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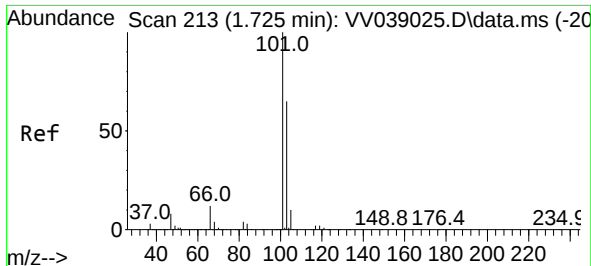
Tgt Ion: 94 Resp: 84389
Ion Ratio Lower Upper
94 100
96 90.6 76.2 114.2



#6
Chloroethane
Concen: 22.382 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
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Tgt Ion: 64 Resp: 114590
Ion Ratio Lower Upper
64 100
66 30.6 25.4 38.2

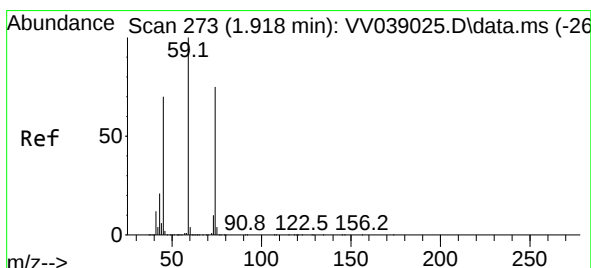
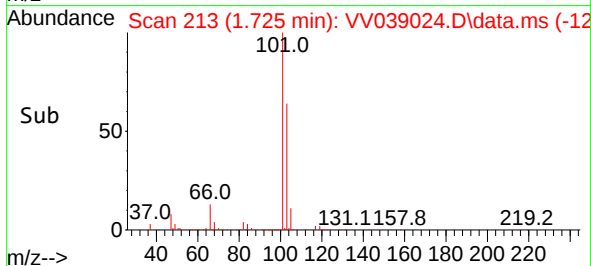
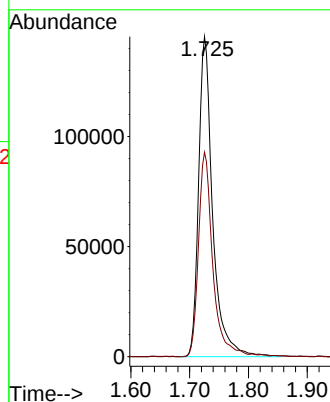
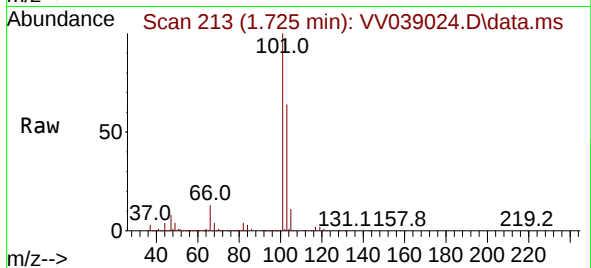




#7
 Trichlorofluoromethane
 Concen: 19.355 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039024.D
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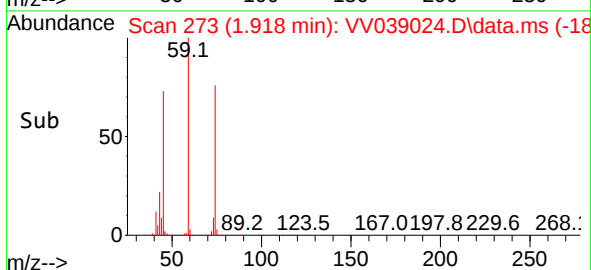
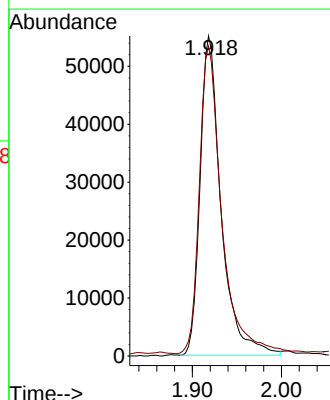
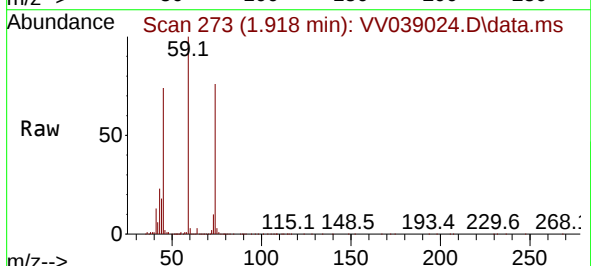
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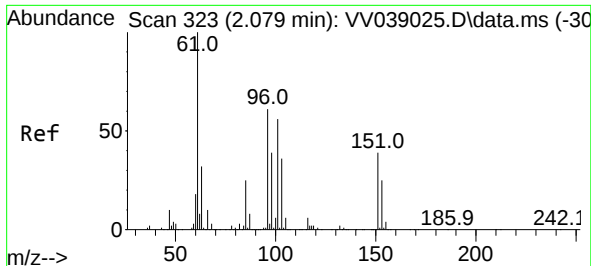
Tgt Ion:101 Resp: 241219
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.7 77.5



#8
 Diethyl Ether
 Concen: 19.133 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 90461
 Ion Ratio Lower Upper
 74 100
 45 102.5 48.1 144.4

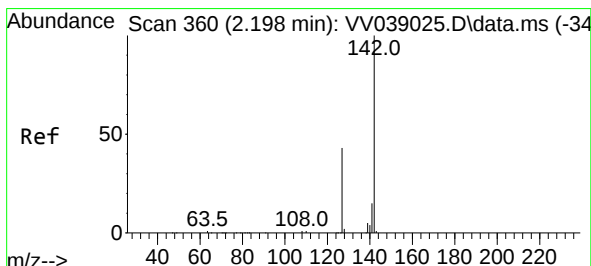
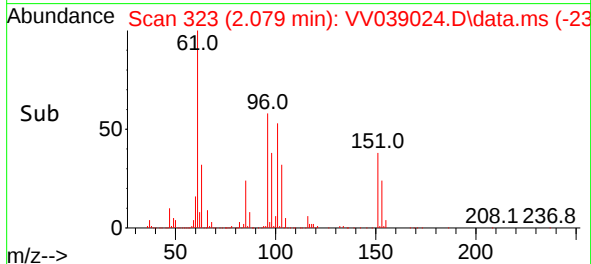
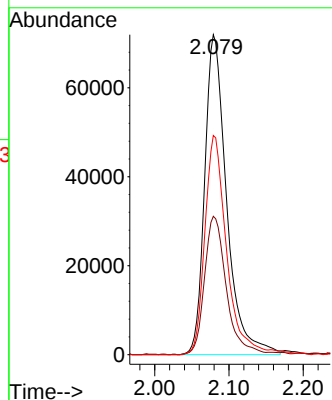
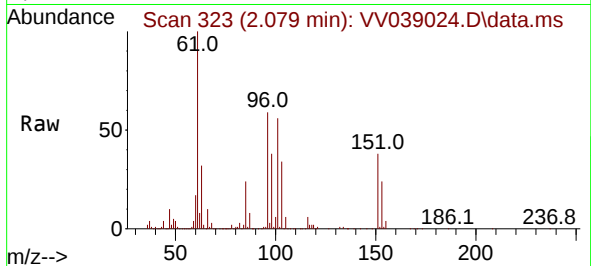




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.678 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

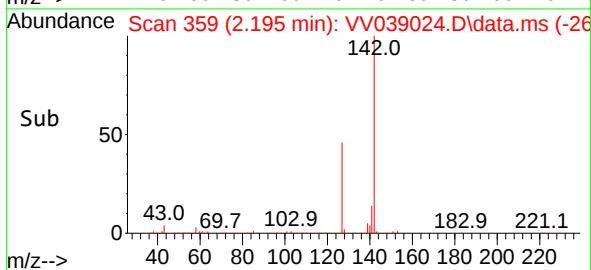
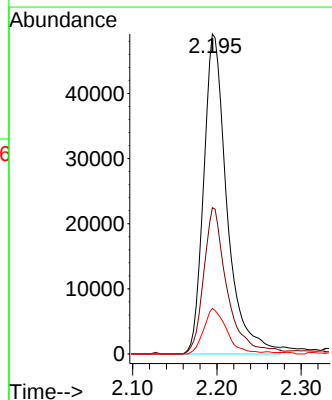
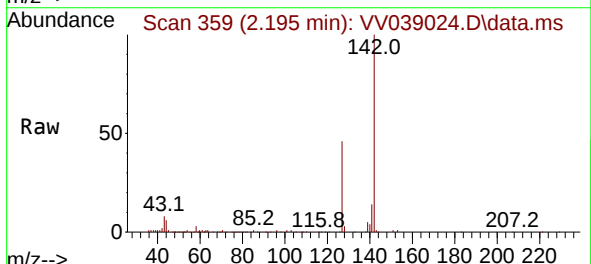
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

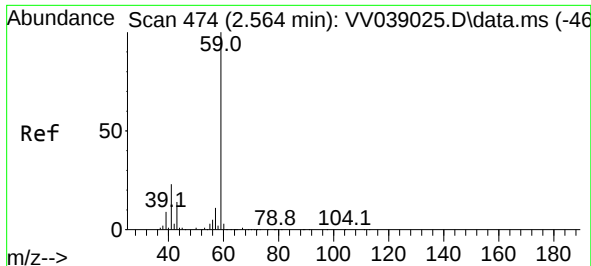
Tgt Ion:101 Resp: 147744
Ion Ratio Lower Upper
101 100
85 42.9 35.5 53.3
151 68.5 56.1 84.1



#10
Methyl Iodide
Concen: 17.493 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion:142 Resp: 94707
Ion Ratio Lower Upper
142 100
127 46.1 35.7 53.5
141 14.1 11.6 17.4

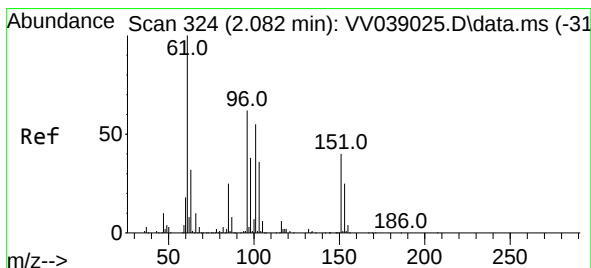
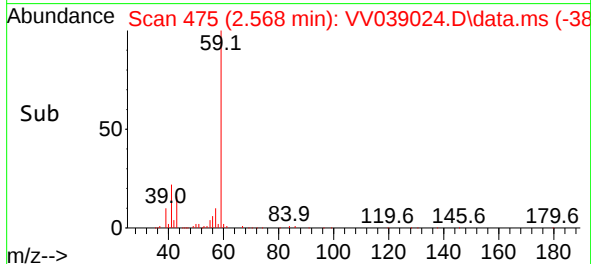
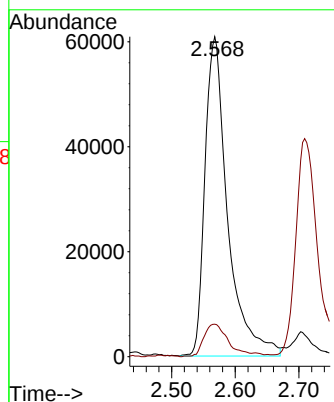
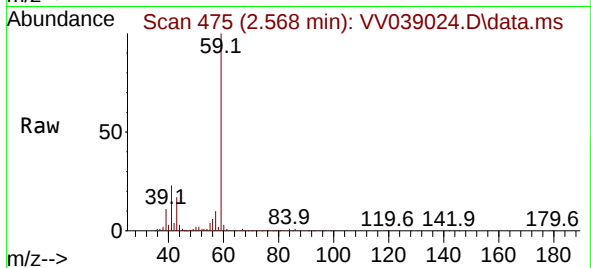




#11
Tert butyl alcohol
Concen: 111.822 ug/l
RT: 2.568 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

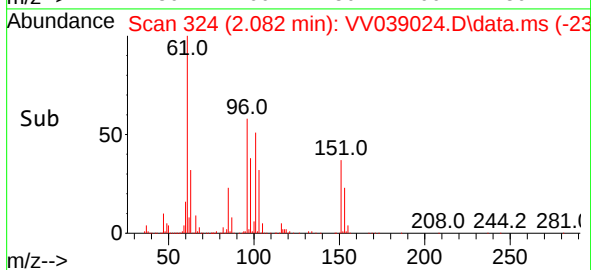
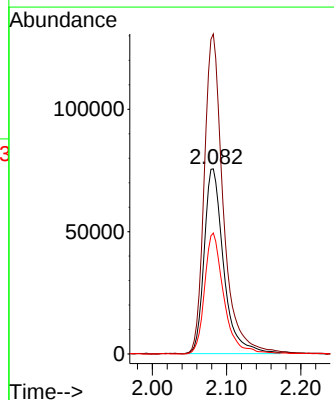
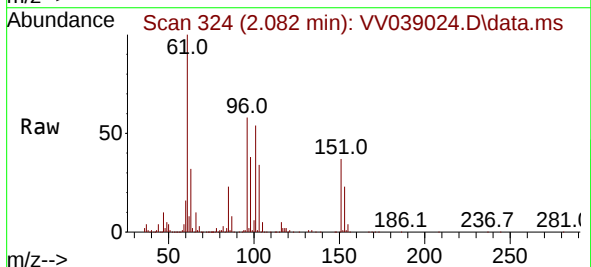
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

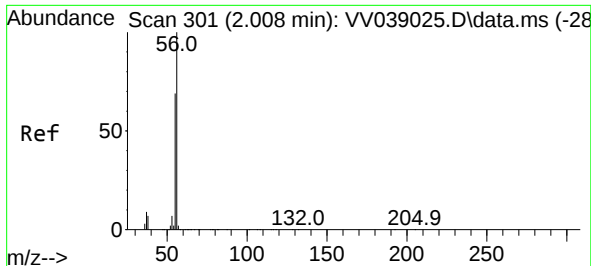
Tgt Ion: 59 Resp: 150625
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.122 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 96 Resp: 137462
Ion Ratio Lower Upper
96 100
61 172.8 128.2 192.2
98 65.5 49.3 73.9

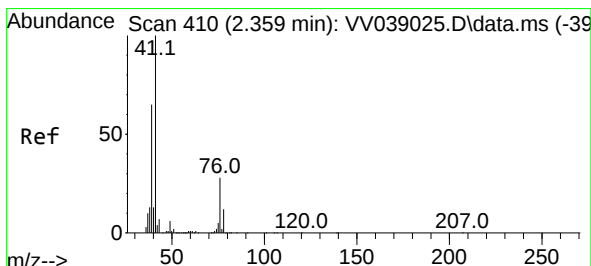
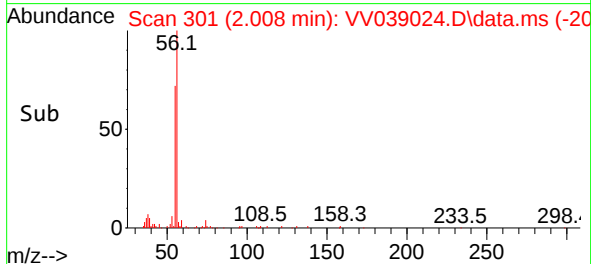
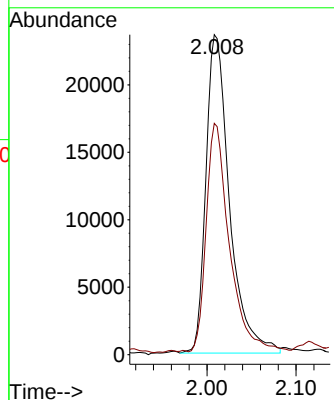
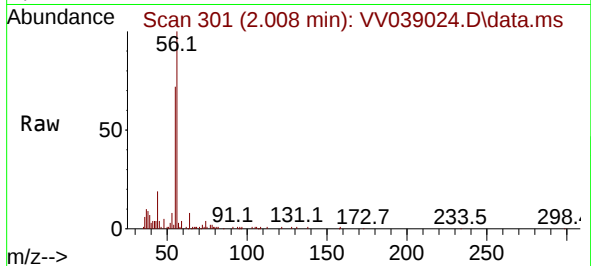




#13
Acrolein
Concen: 71.404 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

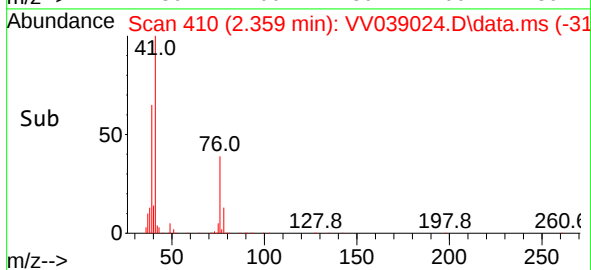
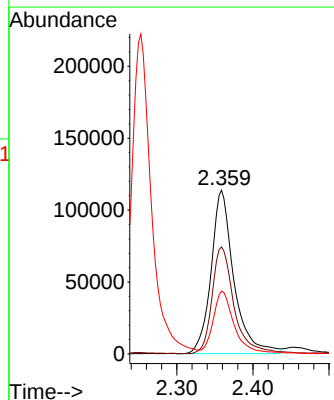
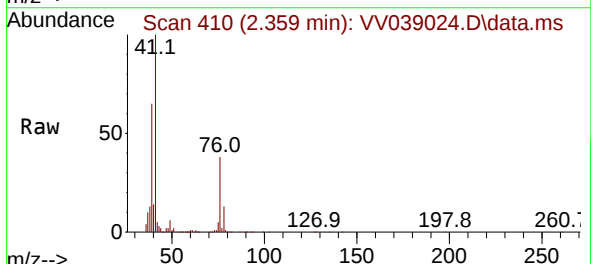
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

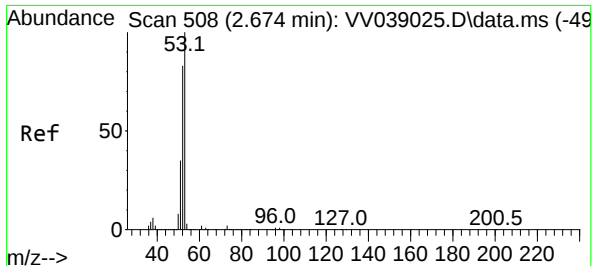
Tgt Ion: 56 Resp: 43426
Ion Ratio Lower Upper
56 100
55 70.5 54.7 82.1



#14
Allyl chloride
Concen: 20.934 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 41 Resp: 236866
Ion Ratio Lower Upper
41 100
39 63.4 48.5 72.7
76 35.3 29.0 43.6

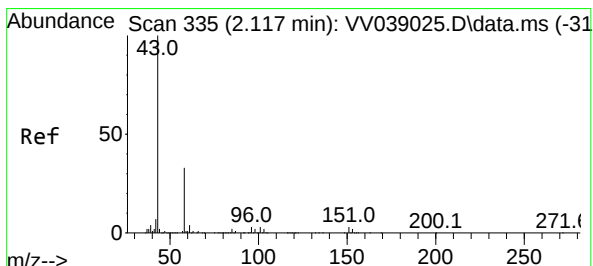
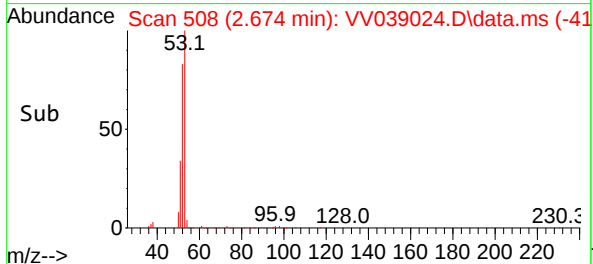
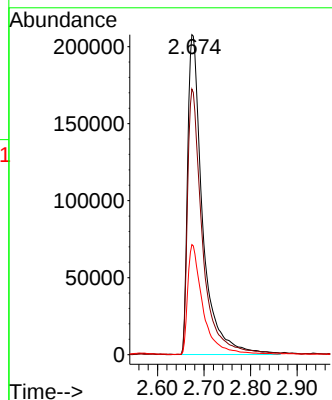
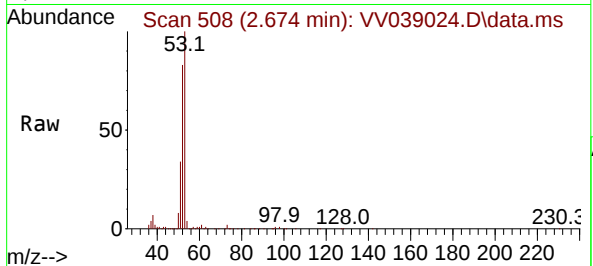




#15
Acrylonitrile
Concen: 115.689 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

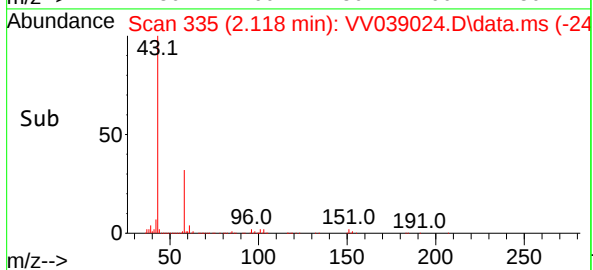
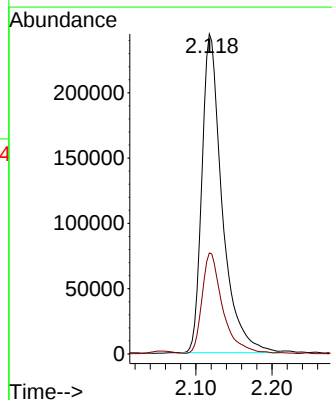
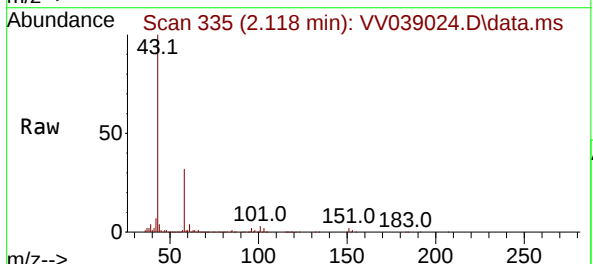
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

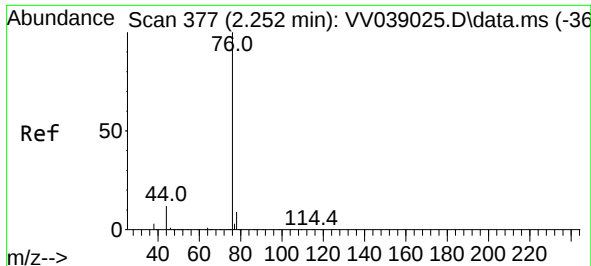
Tgt Ion: 53 Resp: 464746
Ion Ratio Lower Upper
53 100
52 81.9 65.9 98.9
51 34.8 27.9 41.9



#16
Acetone
Concen: 95.453 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 43 Resp: 452388
Ion Ratio Lower Upper
43 100
58 31.3 26.6 40.0

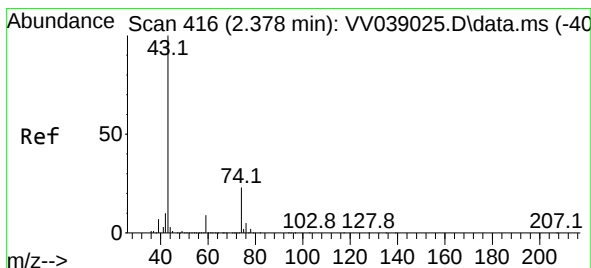
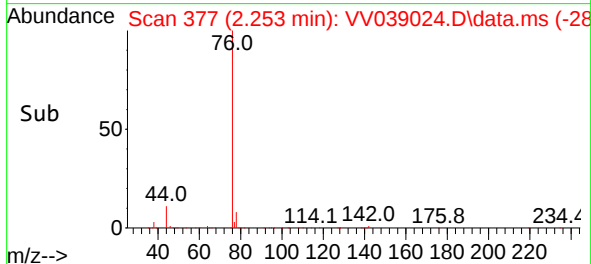
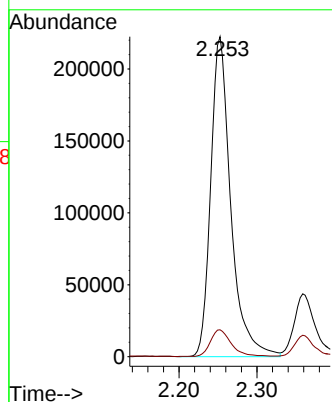
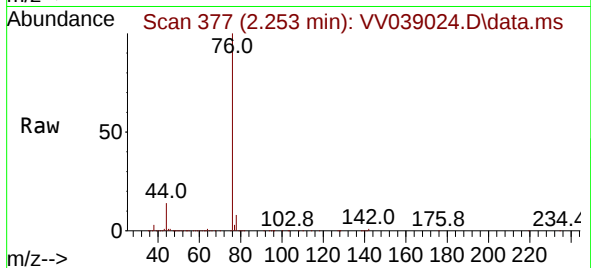




#17
Carbon Disulfide
Concen: 19.991 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

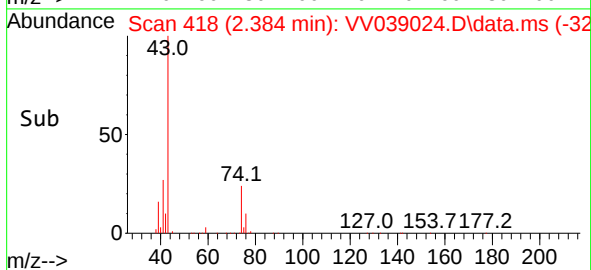
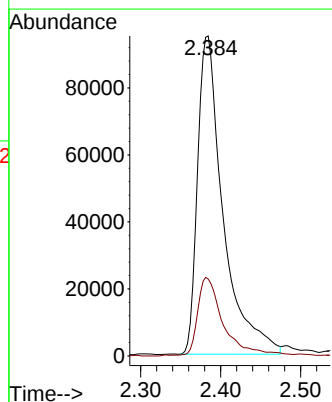
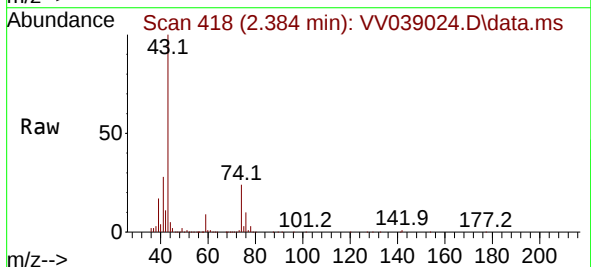
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

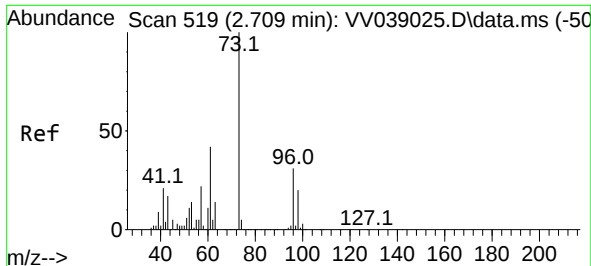
Tgt Ion: 76 Resp: 398925
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8



#18
Methyl Acetate
Concen: 22.900 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.007 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 43 Resp: 211422
Ion Ratio Lower Upper
43 100
74 23.9 18.9 28.3

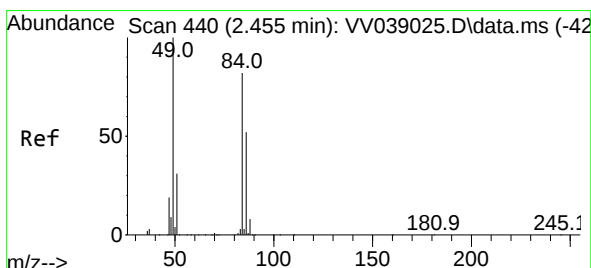
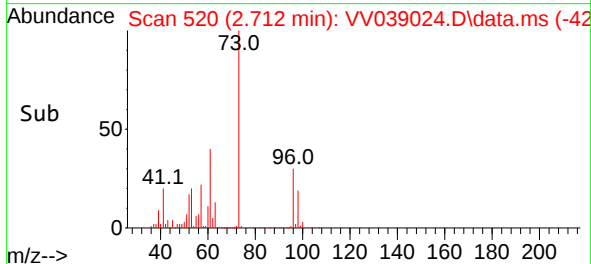
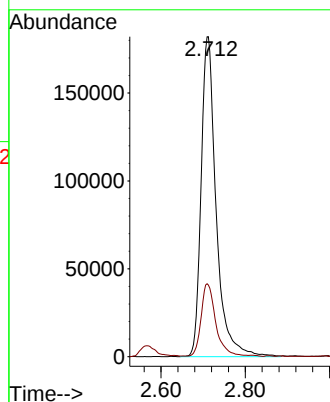
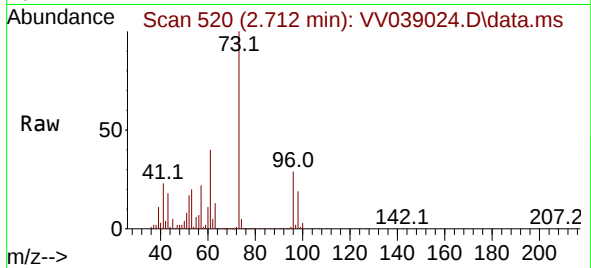




#19
Methyl tert-butyl Ether
Concen: 21.271 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

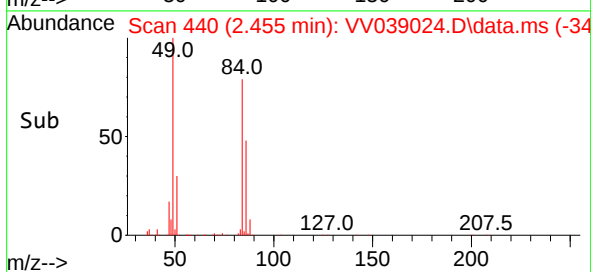
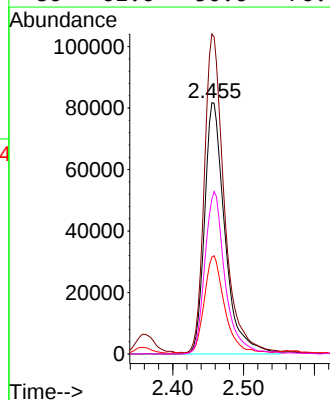
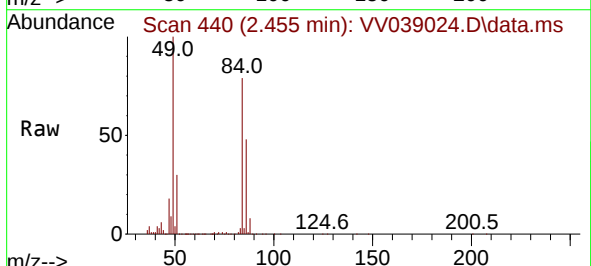
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

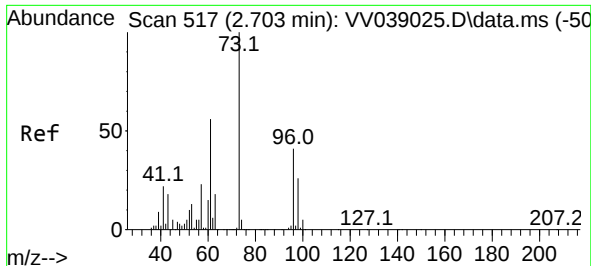
Tgt Ion: 73 Resp: 450555
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9



#20
Methylene Chloride
Concen: 21.070 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 84 Resp: 163071
Ion Ratio Lower Upper
84 100
49 126.8 97.8 146.8
51 38.2 30.3 45.5
86 61.6 50.6 76.0

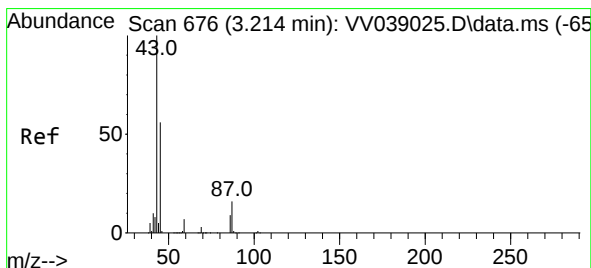
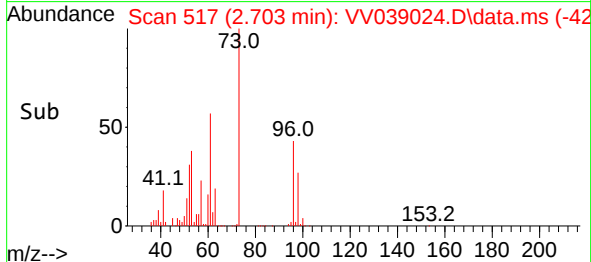
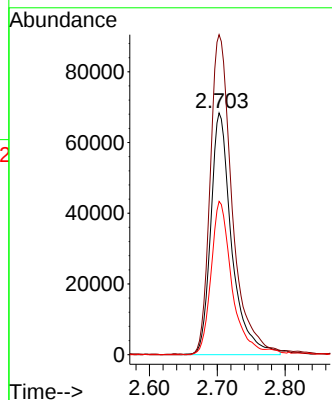
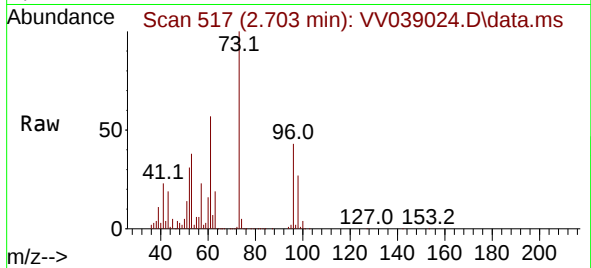




#21
trans-1,2-Dichloroethene
Concen: 20.363 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

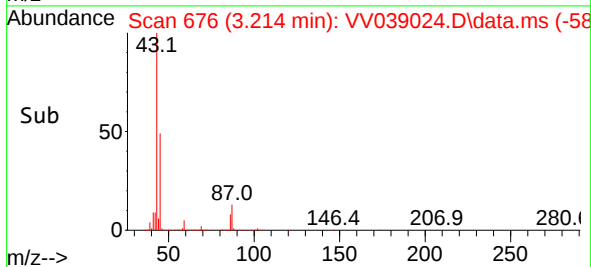
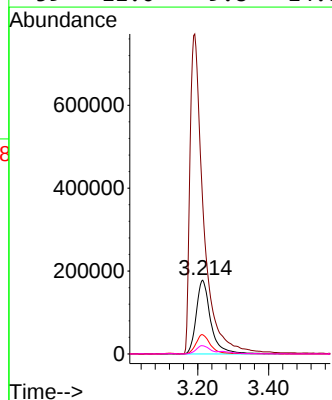
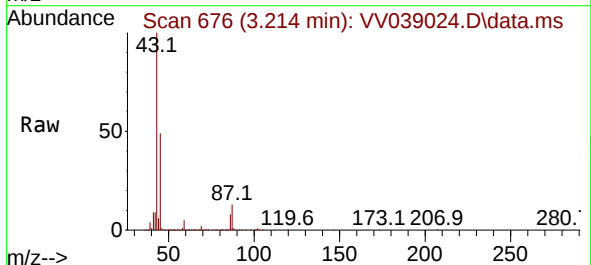
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

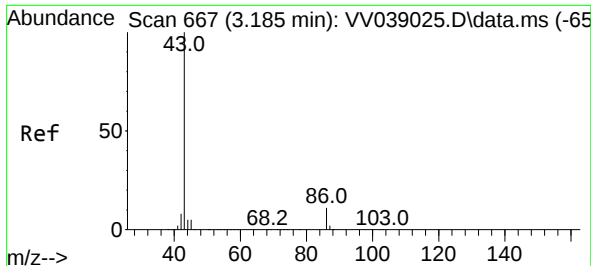
Tgt Ion: 96 Resp: 146718
Ion Ratio Lower Upper
96 100
61 132.1 110.1 165.1
98 63.4 50.2 75.4



#22
Diisopropyl ether
Concen: 24.516 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 45 Resp: 504825
Ion Ratio Lower Upper
45 100
43 203.5 143.0 214.4
87 25.9 23.8 35.6
59 11.0 9.8 14.8

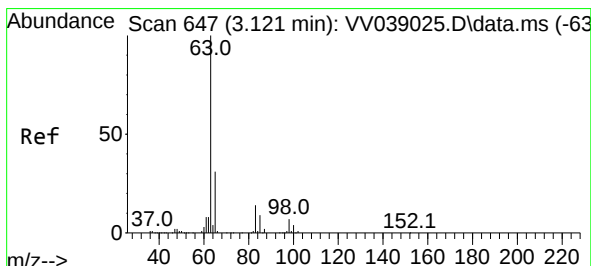
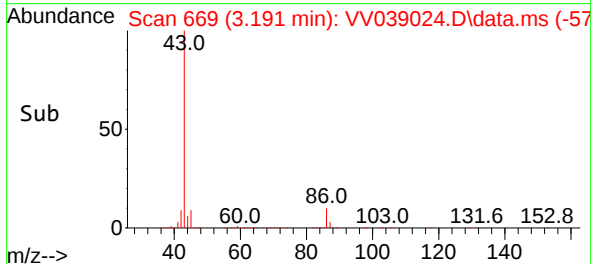
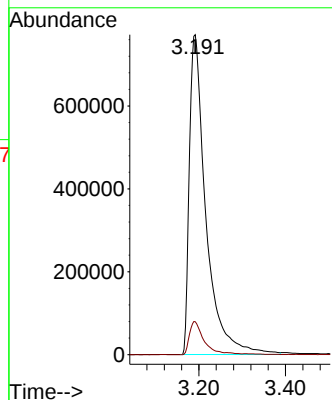
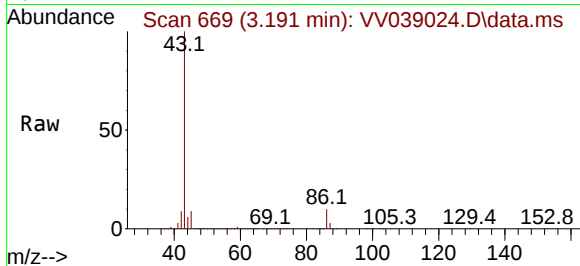




#23
 Vinyl Acetate
 Concen: 121.393 ug/l
 RT: 3.191 min Scan# 669
 Delta R.T. 0.007 min
 Lab File: VV039024.D
 Acq: 25 Aug 2025 11:02

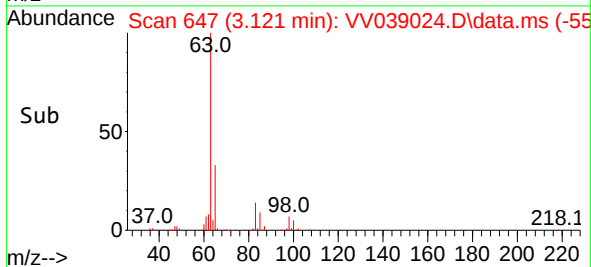
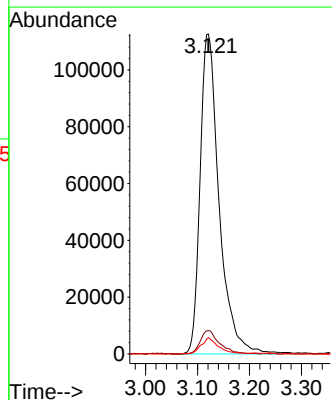
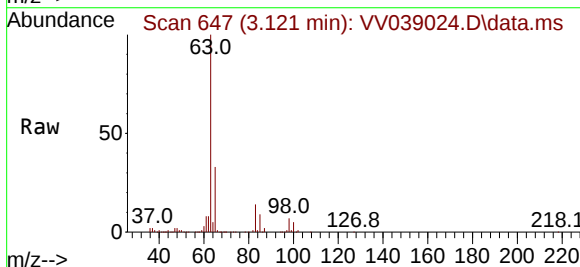
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC020

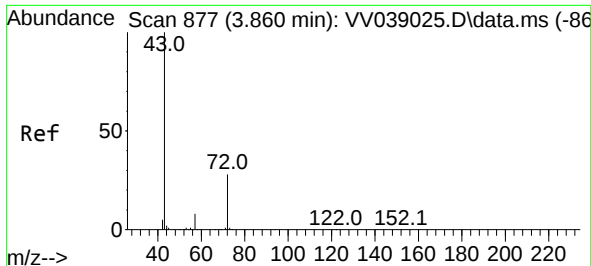
Tgt Ion: 43 Resp: 2049564
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 22.168 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.000 min
 Lab File: VV039024.D
 Acq: 25 Aug 2025 11:02

Tgt Ion: 63 Resp: 285960
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 5.1 2.2 6.6

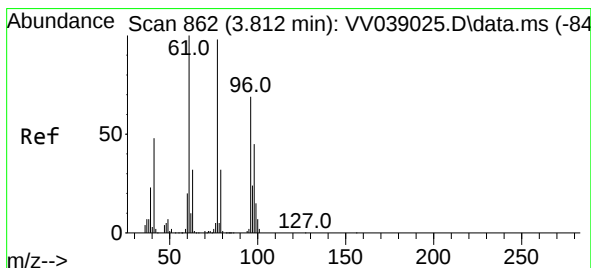
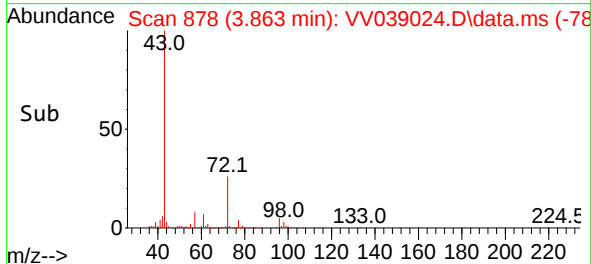
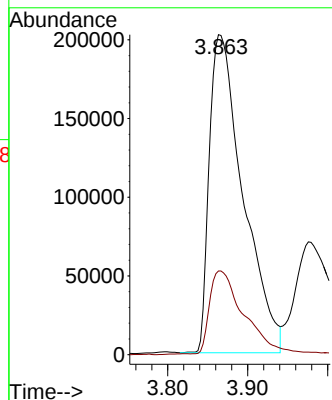
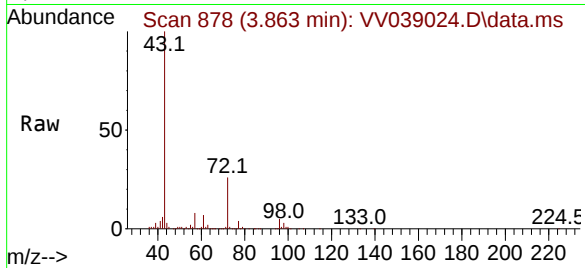




#25
2-Butanone
Concen: 113.983 ug/l
RT: 3.863 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

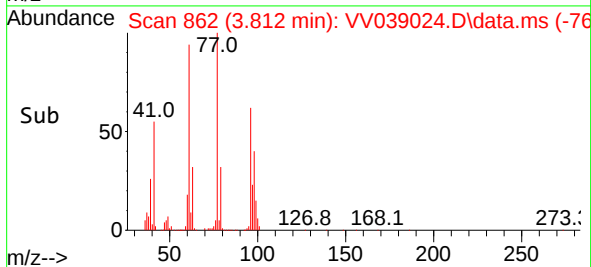
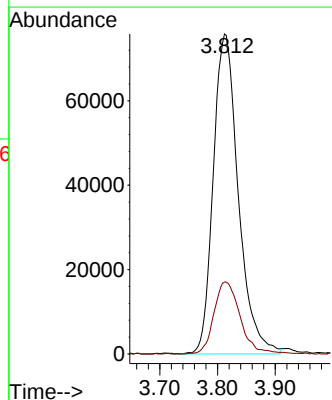
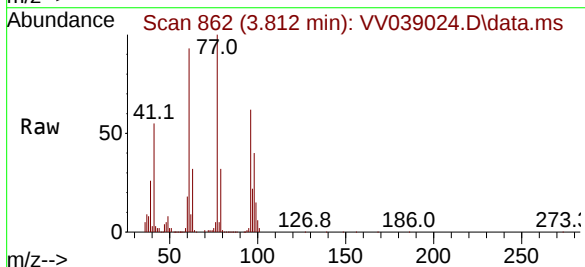
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

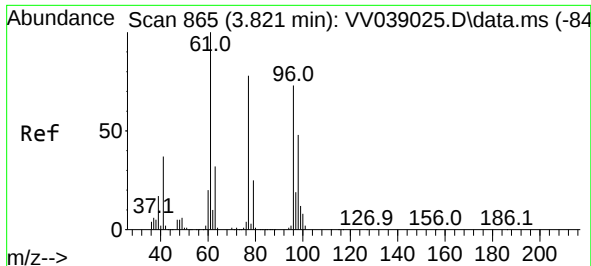
Tgt Ion: 43 Resp: 594253
Ion Ratio Lower Upper
43 100
72 26.1 22.6 33.8



#26
2,2-Dichloropropane
Concen: 20.607 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 77 Resp: 228503
Ion Ratio Lower Upper
77 100
97 23.7 11.8 35.4



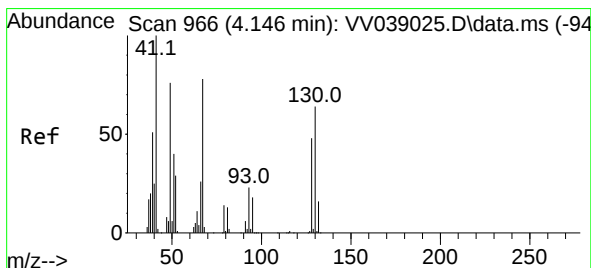
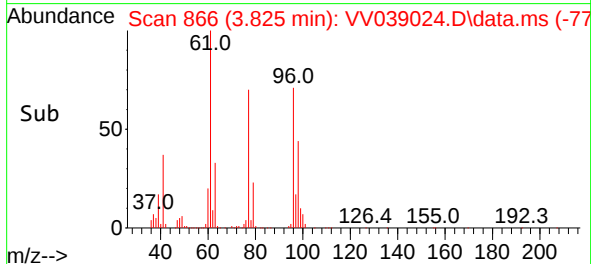
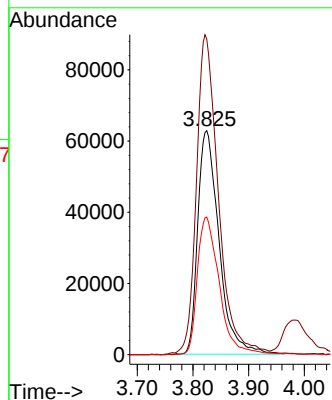
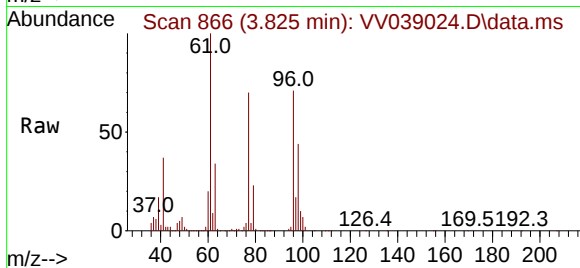


#27
 cis-1,2-Dichloroethene
 Concen: 20.912 ug/l
 RT: 3.825 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV039024.D
 Acq: 25 Aug 2025 11:02

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 166993

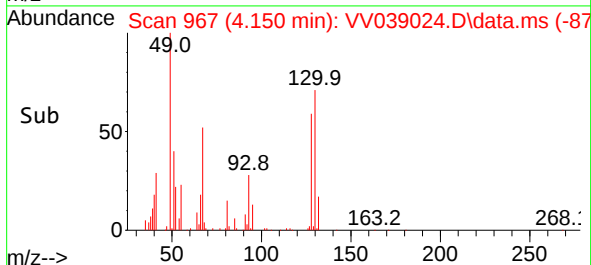
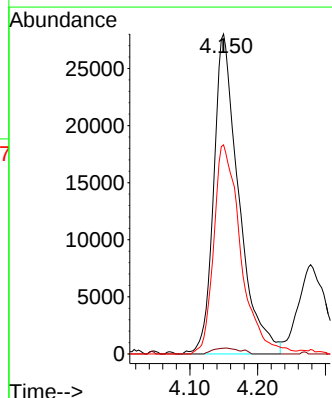
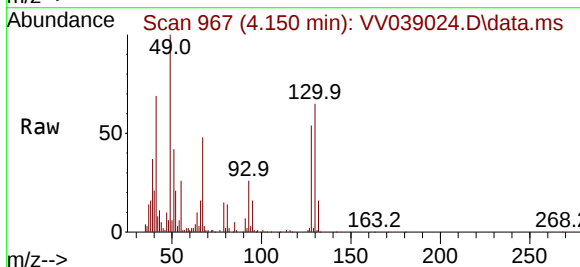
Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	280.8
98	62.9	0.0	130.2

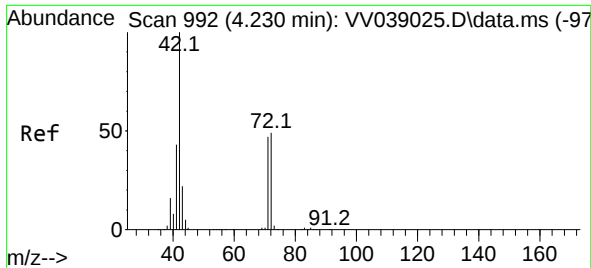


#28
 Bromochloromethane
 Concen: 22.956 ug/l
 RT: 4.150 min Scan# 967
 Delta R.T. 0.003 min
 Lab File: VV039024.D
 Acq: 25 Aug 2025 11:02

Tgt Ion: 49 Resp: 72049

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	70.3	64.9	97.3

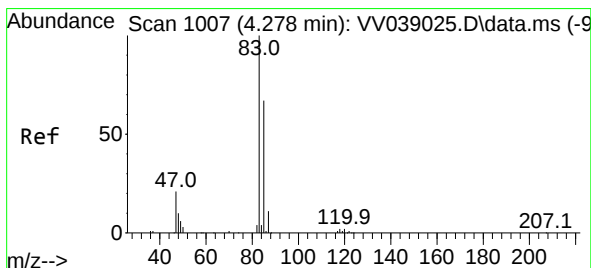
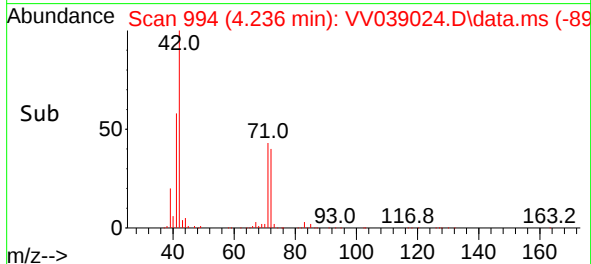
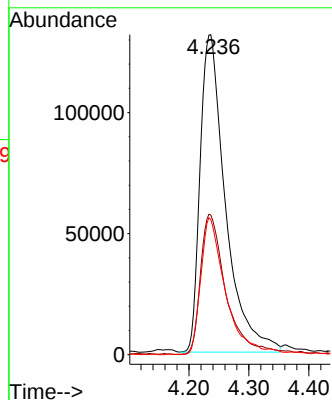
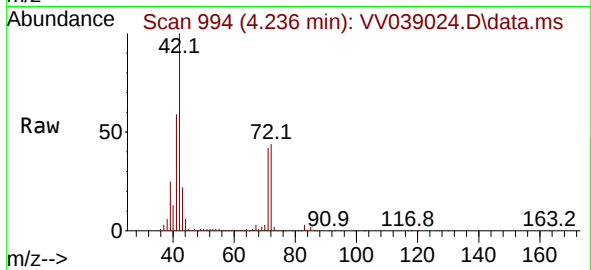




#29
Tetrahydrofuran
Concen: 120.114 ug/l
RT: 4.236 min Scan# 994
Delta R.T. 0.007 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

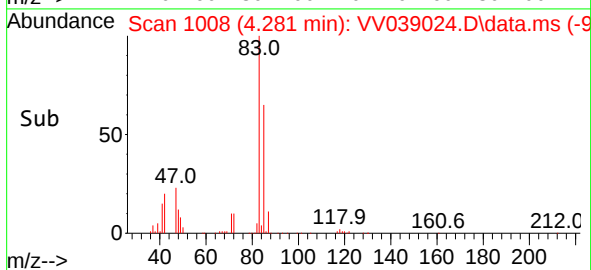
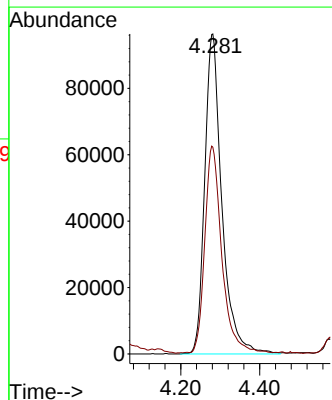
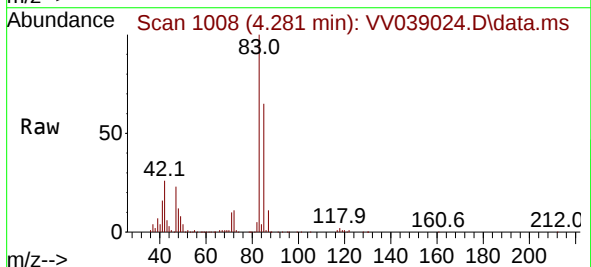
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

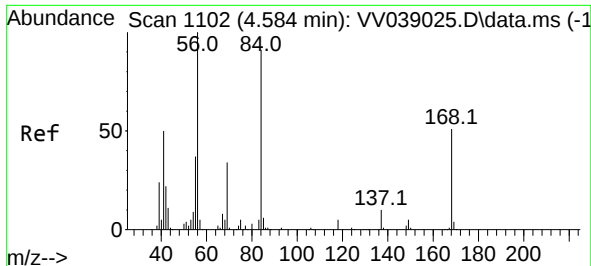
Tgt Ion: 42 Resp: 385931
Ion Ratio Lower Upper
42 100
72 44.4 39.0 58.4
71 41.1 37.0 55.6



#30
Chloroform
Concen: 21.702 ug/l
RT: 4.281 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 83 Resp: 291166
Ion Ratio Lower Upper
83 100
85 64.2 53.2 79.8

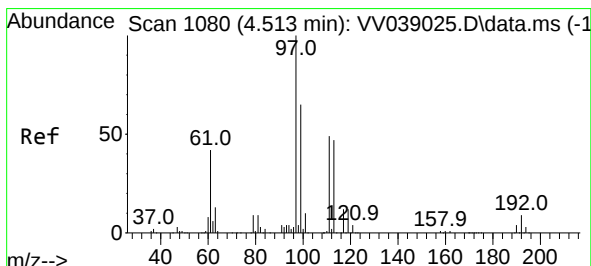
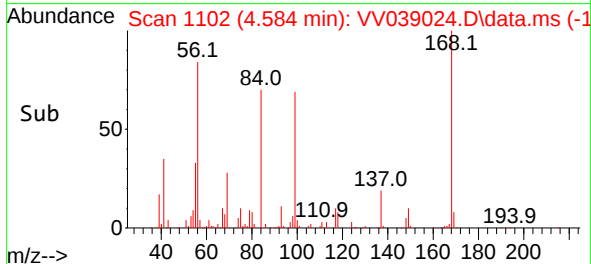
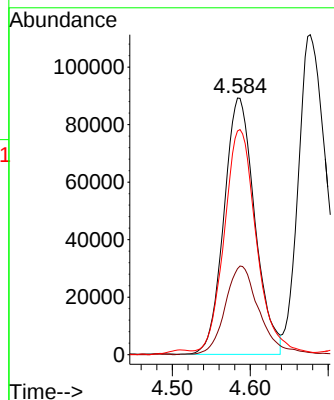
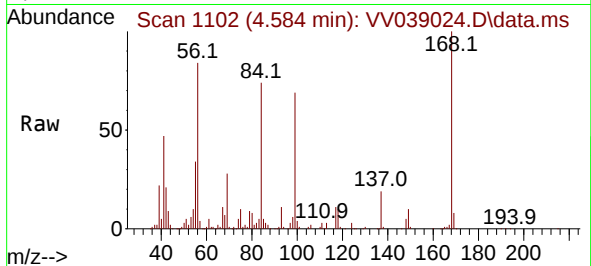




#31
Cyclohexane
Concen: 21.559 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

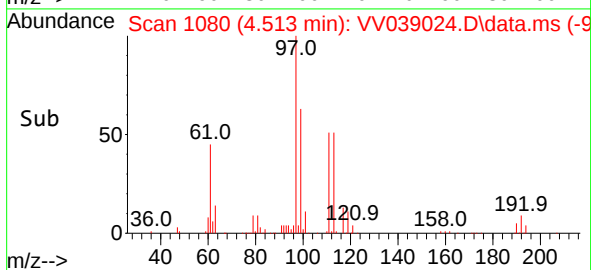
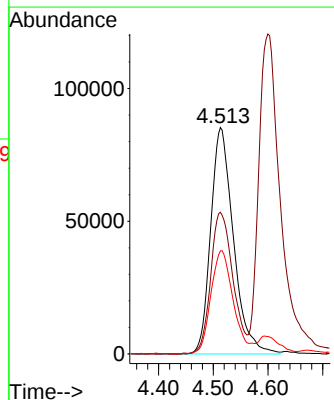
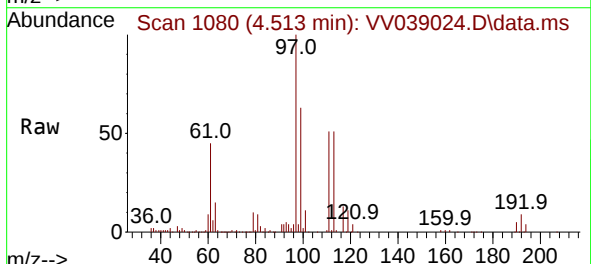
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

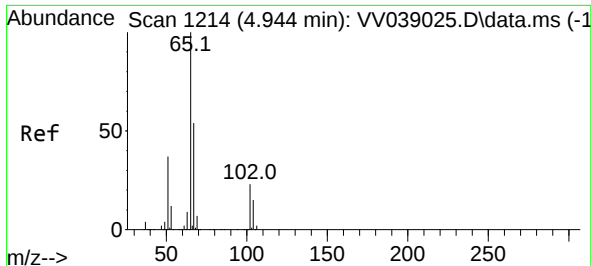
Tgt Ion: 56 Resp: 245954
Ion Ratio Lower Upper
56 100
69 33.3 27.0 40.4
84 85.4 72.9 109.3



#32
1,1,1-Trichloroethane
Concen: 20.855 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 97 Resp: 246297
Ion Ratio Lower Upper
97 100
99 60.7 49.8 74.6
61 43.8 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 21.970 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

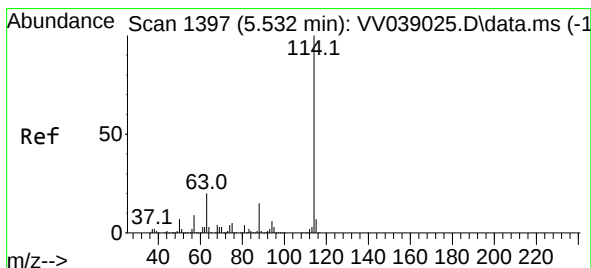
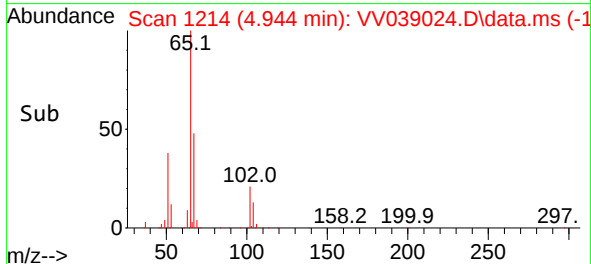
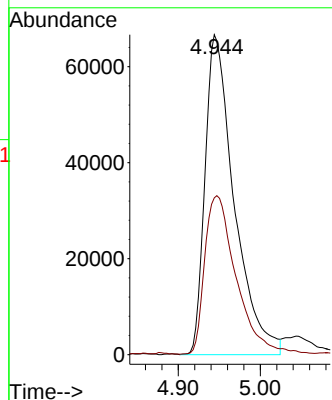
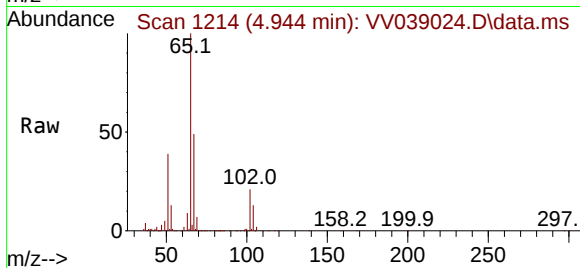
VSTDICC020

Tgt Ion: 65 Resp: 164858

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

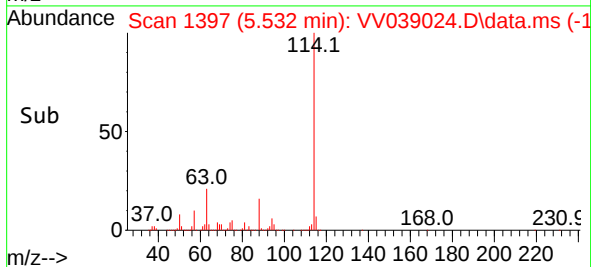
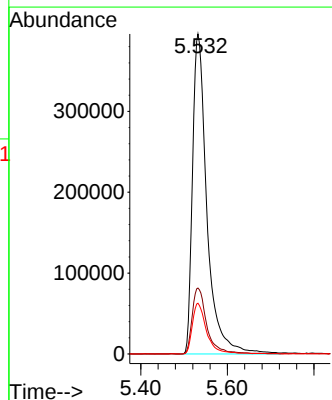
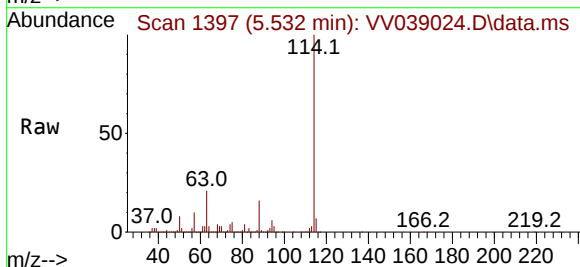
Tgt Ion: 114 Resp: 916718

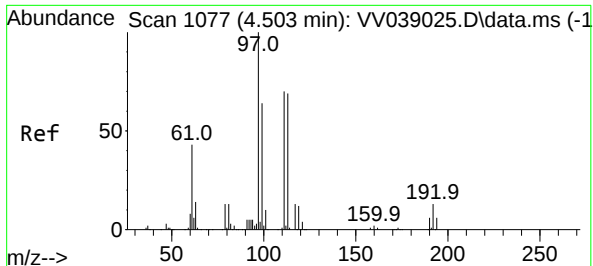
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 20.410 ug/l

RT: 4.506 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

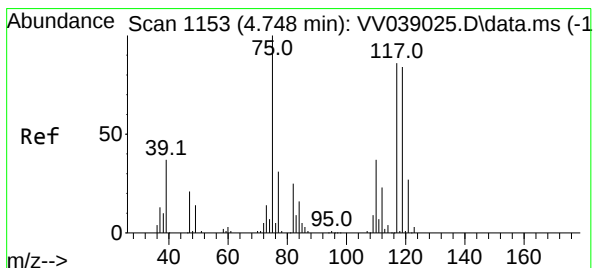
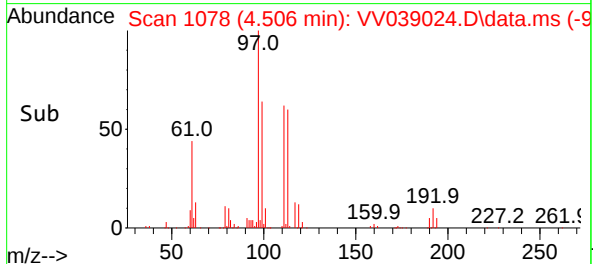
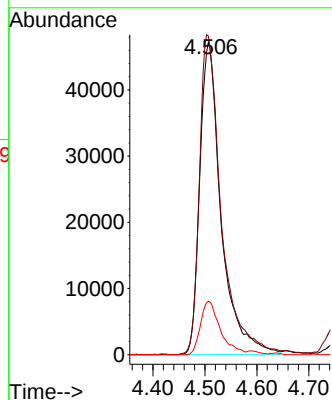
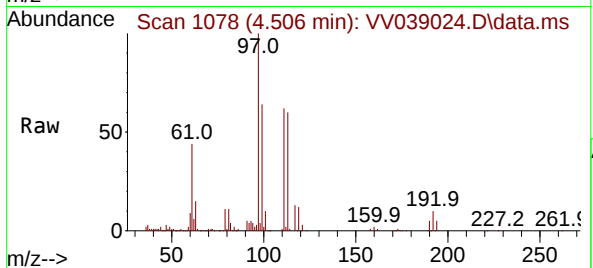
Tgt Ion:113 Resp: 134746

Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.2

192 15.9 14.2 21.2



#36

1,1-Dichloropropene

Concen: 21.182 ug/l

RT: 4.748 min Scan# 1153

Delta R.T. 0.000 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

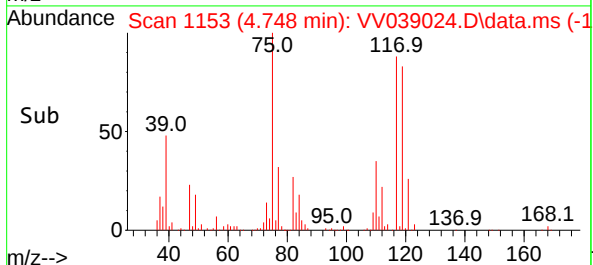
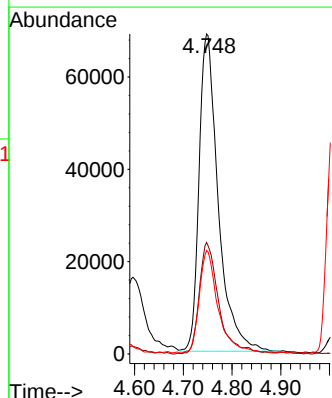
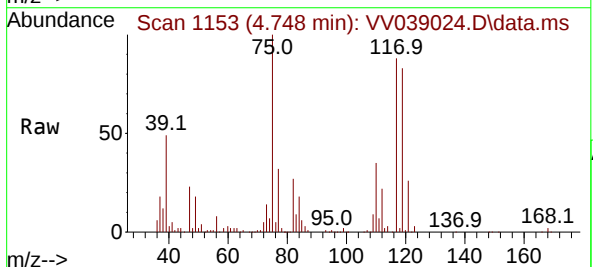
Tgt Ion: 75 Resp: 187936

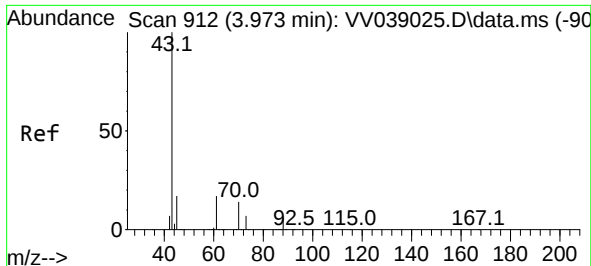
Ion Ratio Lower Upper

75 100

110 34.0 18.6 55.8

77 31.3 24.6 36.8





#37

Ethyl Acetate

Concen: 22.296 ug/l

RT: 3.976 min Scan# 912

Delta R.T. 0.003 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

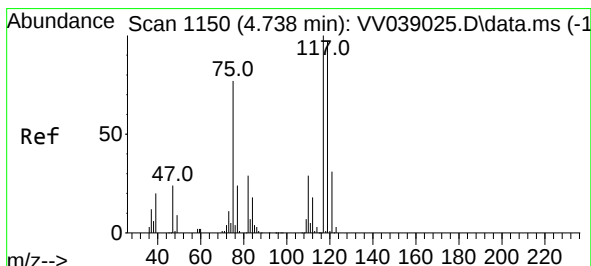
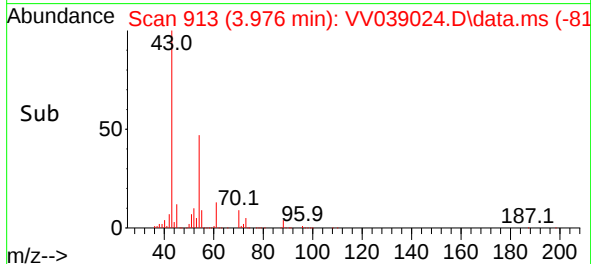
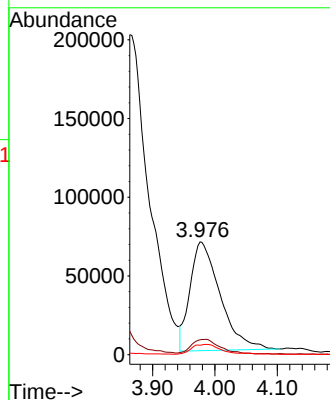
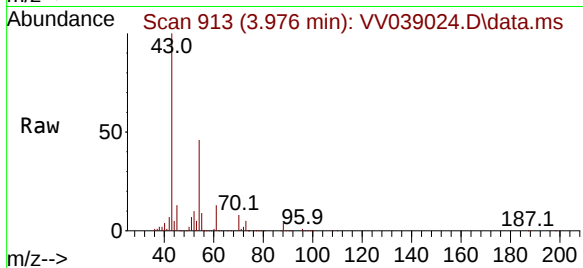
Tgt Ion: 43 Resp: 232190

Ion Ratio Lower Upper

43 100

61 12.5 10.6 16.0

70 8.3 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 19.957 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

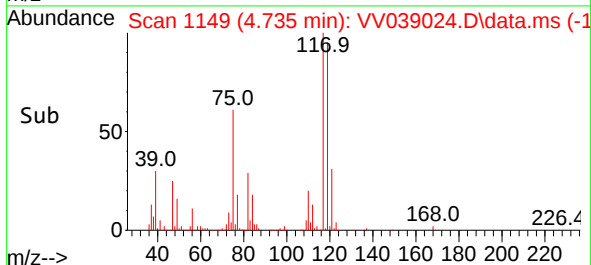
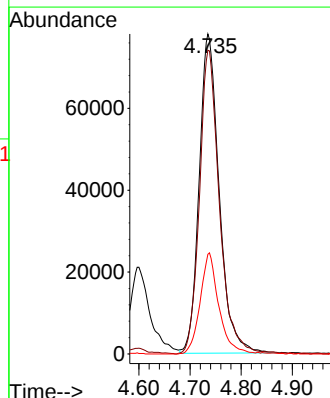
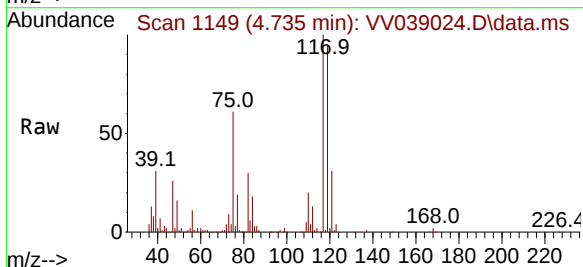
Tgt Ion: 117 Resp: 212034

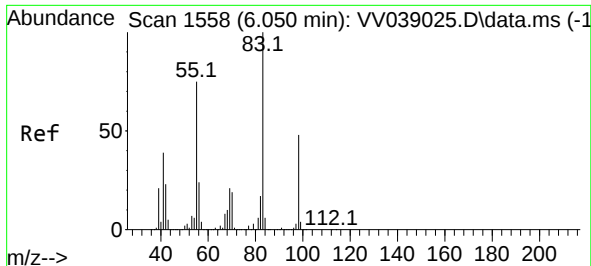
Ion Ratio Lower Upper

117 100

119 94.9 77.8 116.6

121 31.1 24.9 37.3

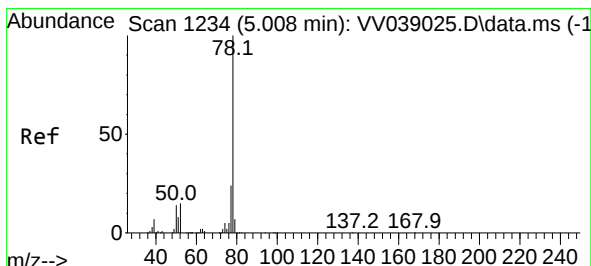
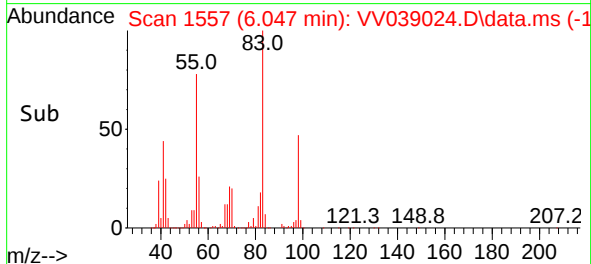
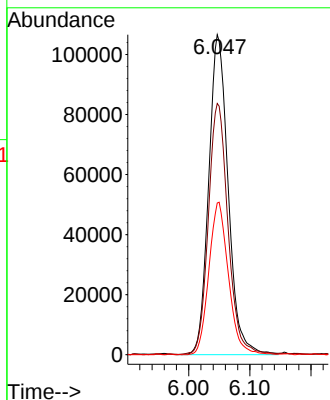
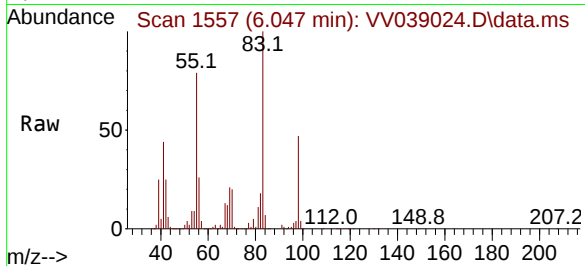




#39
Methylcyclohexane
Concen: 20.734 ug/l
RT: 6.047 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

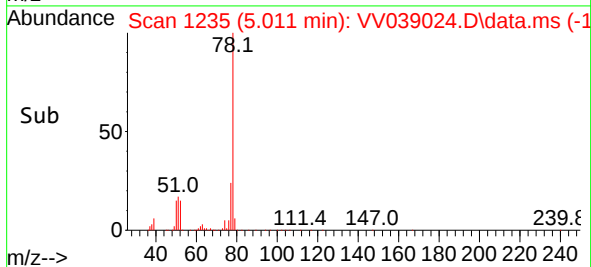
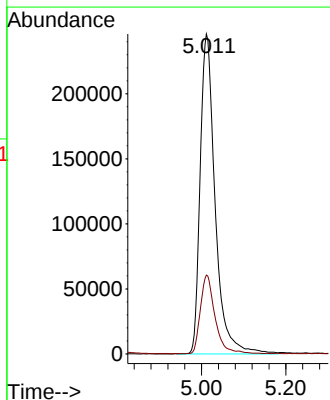
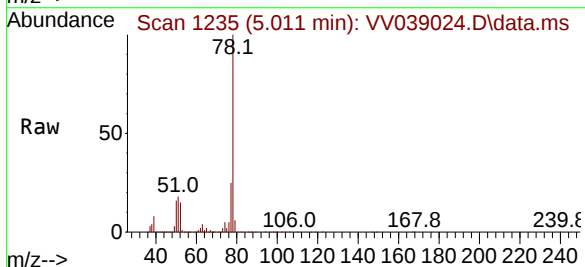
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

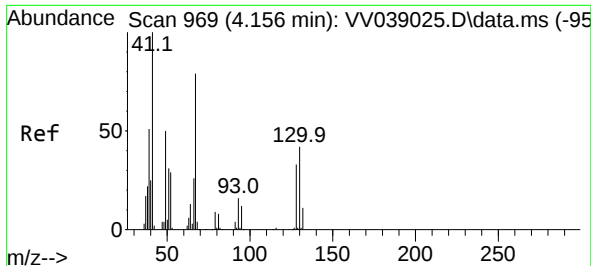
Tgt Ion: 83 Resp: 236156
Ion Ratio Lower Upper
83 100
55 78.4 59.8 89.6
98 47.4 38.2 57.2



#40
Benzene
Concen: 21.414 ug/l
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 78 Resp: 607191
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

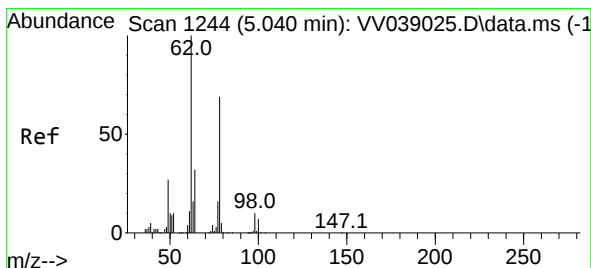
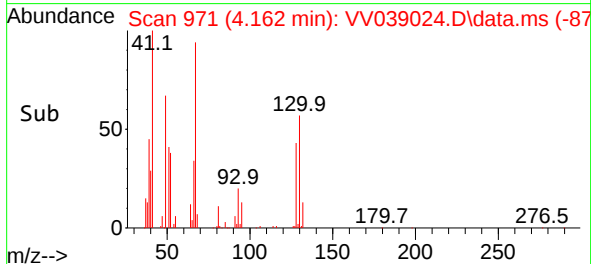
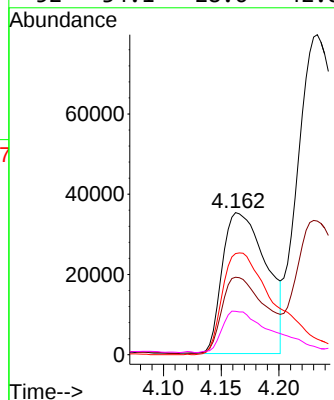
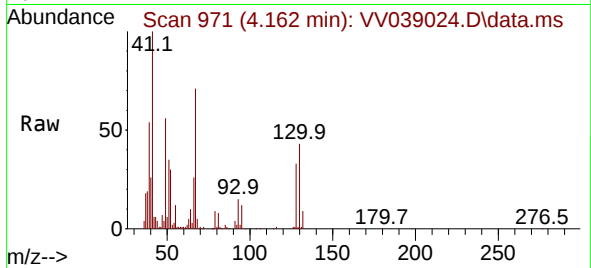




#41
Methacrylonitrile
Concen: 22.431 ug/l
RT: 4.162 min Scan# 91
Delta R.T. 0.007 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

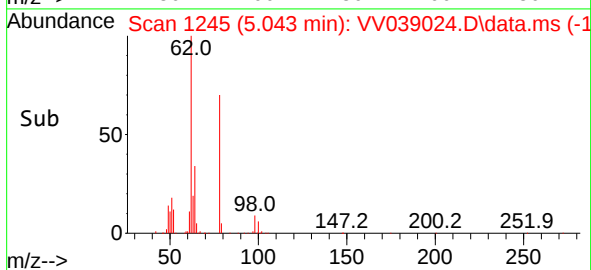
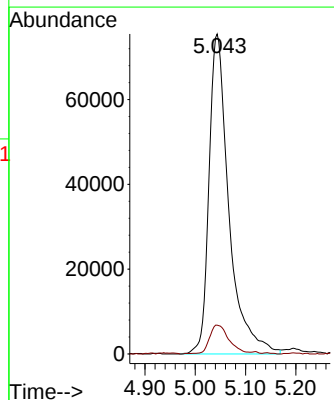
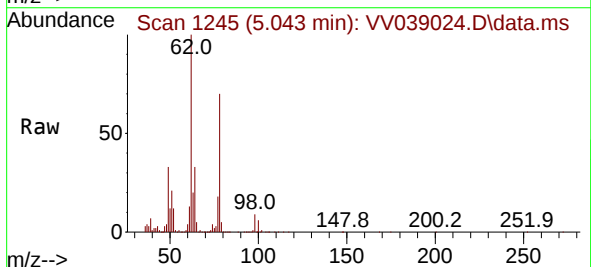
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

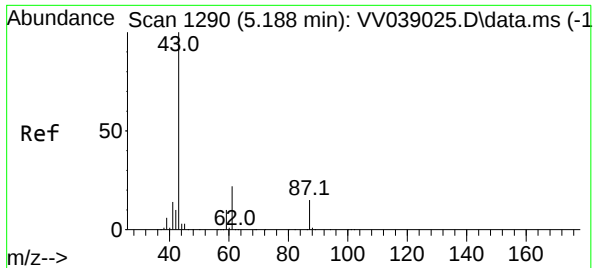
Tgt Ion:	41	Resp:	93063
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.7	64.1
67	91.9	74.5	111.7
52	34.1	28.6	42.8



#42
1,2-Dichloroethane
Concen: 20.980 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion:	62	Resp:	207438
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	19.8

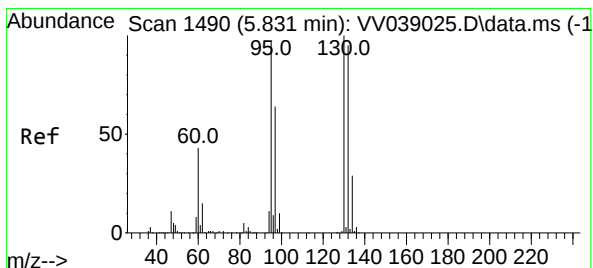
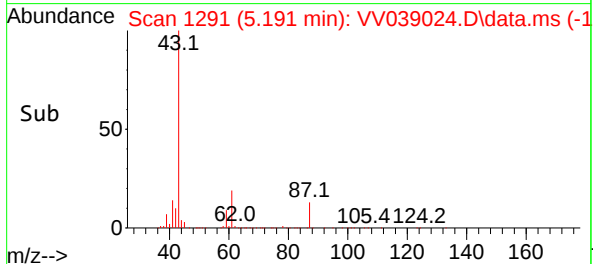
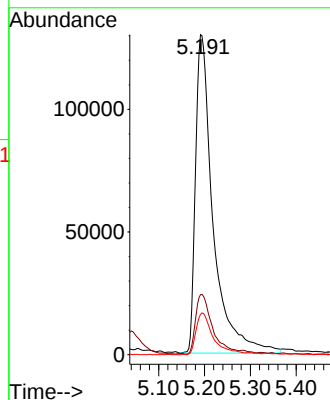
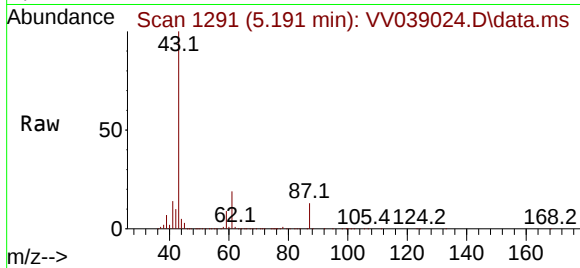




#43
Isopropyl Acetate
Concen: 23.388 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

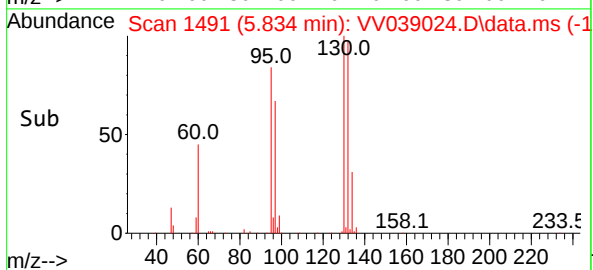
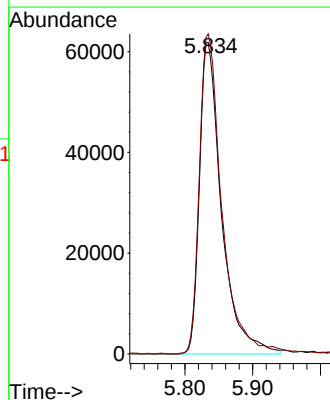
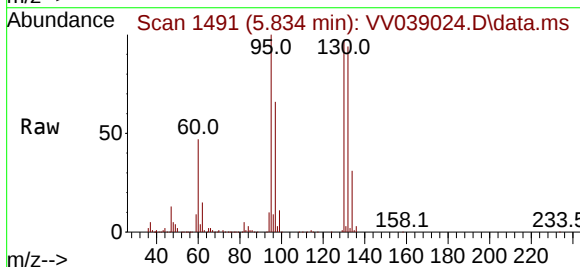
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

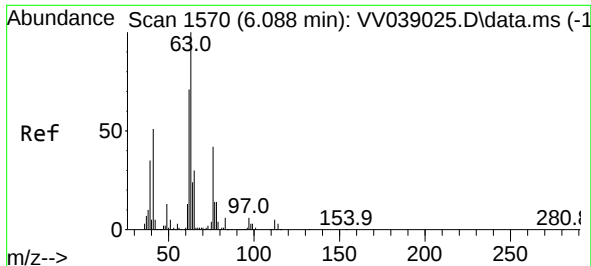
Tgt Ion: 43 Resp: 346627
Ion Ratio Lower Upper
43 100
61 18.0 16.6 25.0
87 12.7 11.7 17.5



#44
Trichloroethene
Concen: 19.560 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion:130 Resp: 139257
Ion Ratio Lower Upper
130 100
95 102.4 0.0 194.4





#45

1,2-Dichloropropane

Concen: 21.638 ug/l

RT: 6.092 min Scan# 1570

Delta R.T. 0.003 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

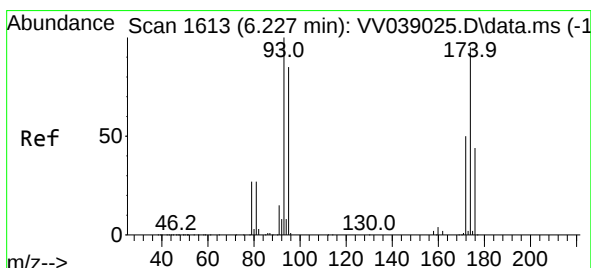
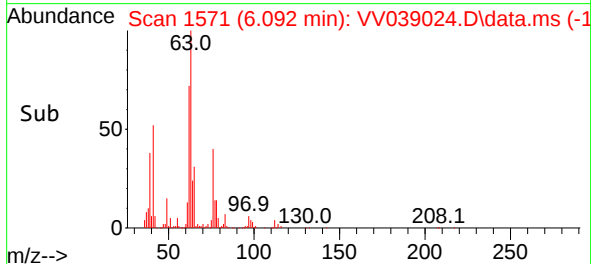
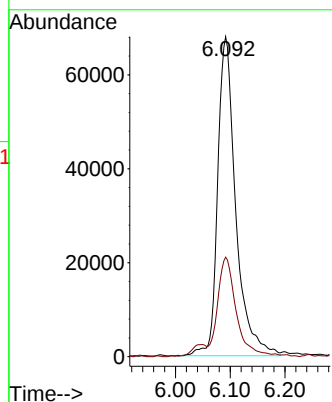
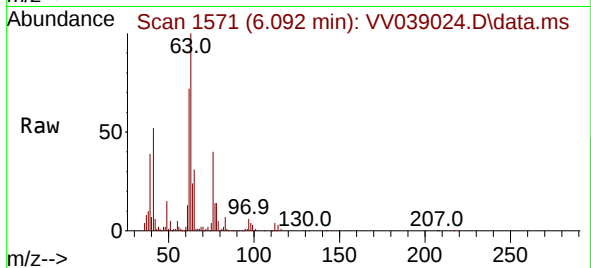
VSTDICC020

Tgt Ion: 63 Resp: 155974

Ion Ratio Lower Upper

63 100

65 30.9 24.2 36.4



#46

Dibromomethane

Concen: 20.311 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.003 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

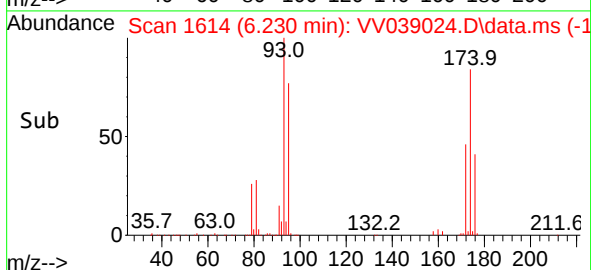
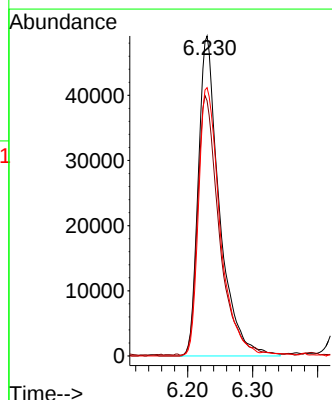
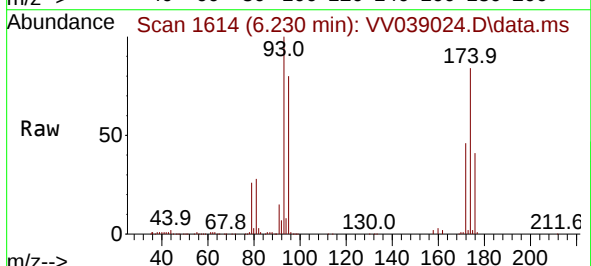
Tgt Ion: 93 Resp: 111033

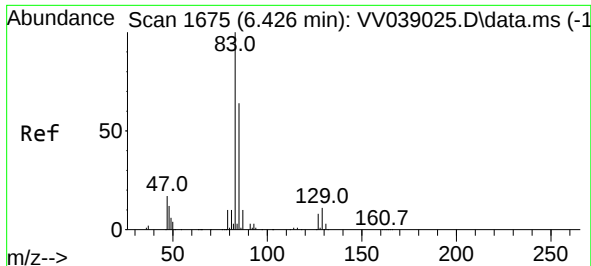
Ion Ratio Lower Upper

93 100

95 82.8 66.1 99.1

174 85.5 73.5 110.3

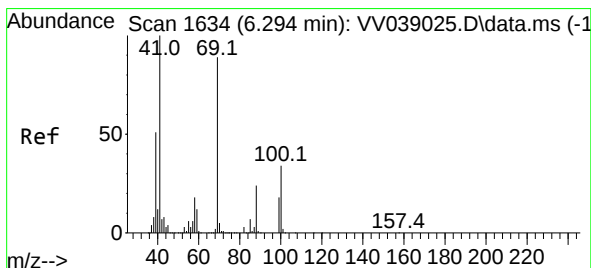
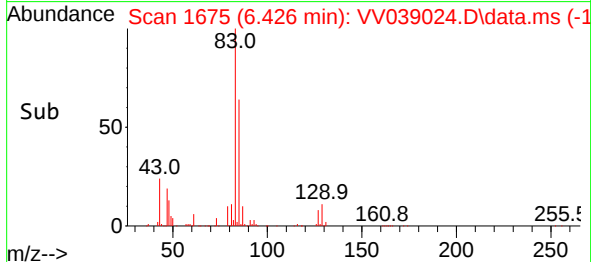
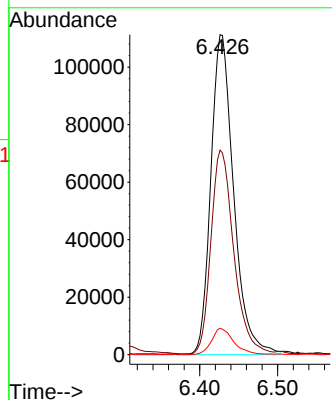
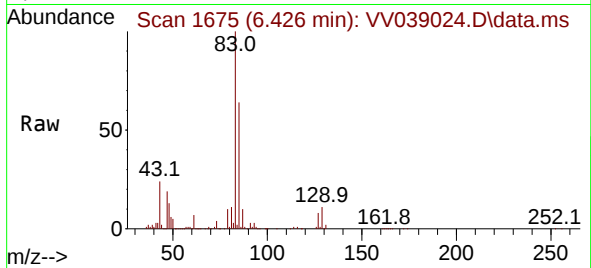




#47
Bromodichloromethane
Concen: 20.160 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

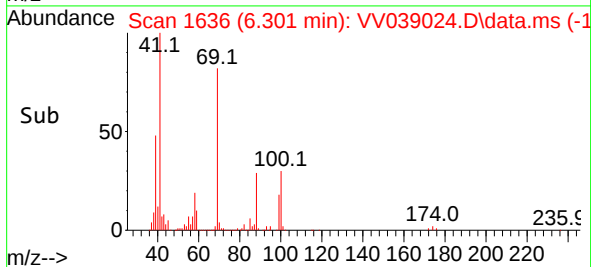
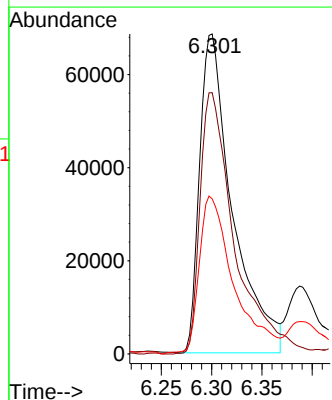
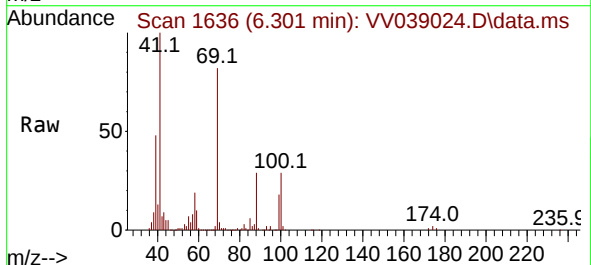
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

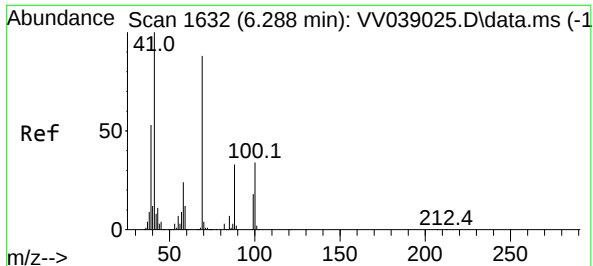
Tgt Ion: 83 Resp: 227085
Ion Ratio Lower Upper
83 100
85 63.6 51.0 76.4
127 8.2 6.7 10.1



#48
Methyl methacrylate
Concen: 21.544 ug/l
RT: 6.301 min Scan# 1636
Delta R.T. 0.007 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 41 Resp: 155830
Ion Ratio Lower Upper
41 100
69 86.1 73.5 110.3
39 52.2 41.3 61.9





#49

1,4-Dioxane

Concen: 452.989 ug/l

RT: 6.294 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

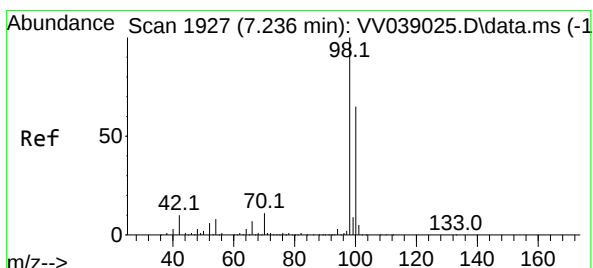
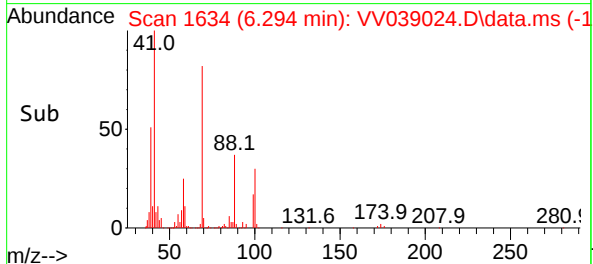
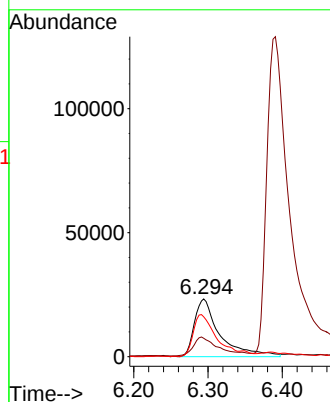
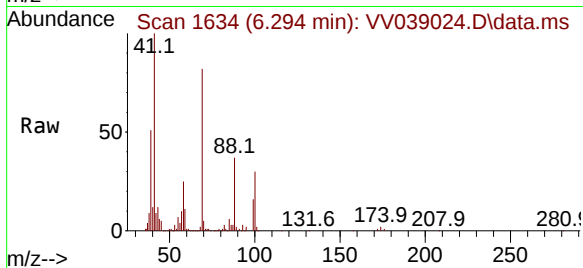
Tgt Ion: 88 Resp: 55448

Ion Ratio Lower Upper

88 100

43 33.0 25.4 38.2

58 65.3 58.4 87.6



#50

Toluene-d8

Concen: 20.124 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV039024.D

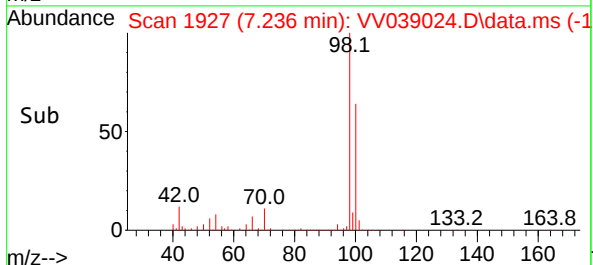
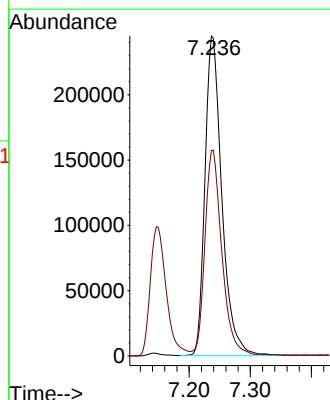
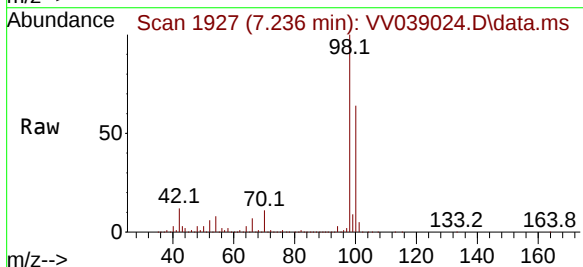
Acq: 25 Aug 2025 11:02

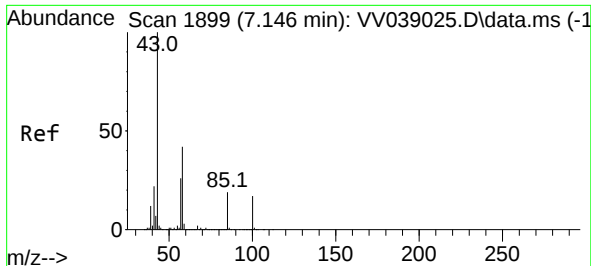
Tgt Ion: 98 Resp: 470396

Ion Ratio Lower Upper

98 100

100 64.1 52.6 79.0

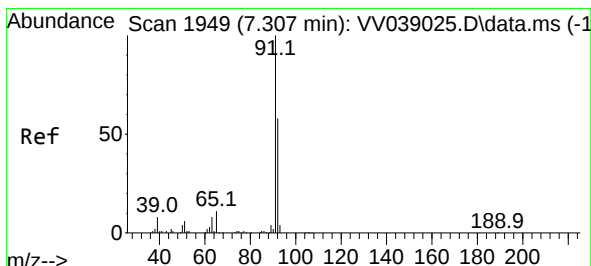
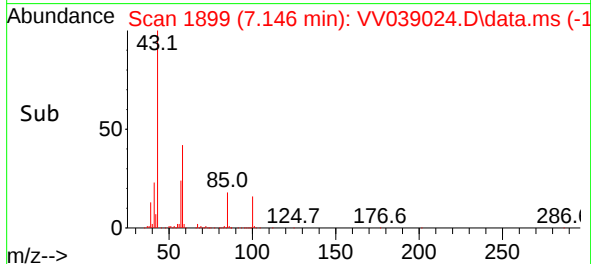
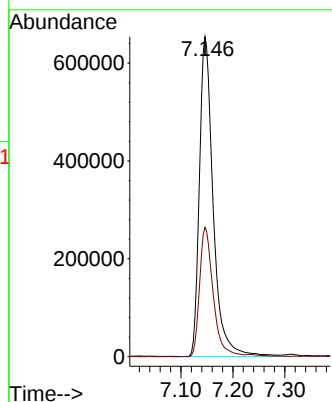
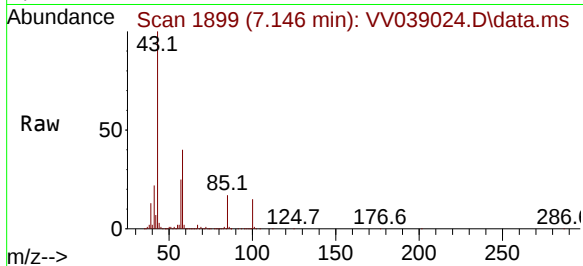




#51
4-Methyl-2-Pentanone
Concen: 114.660 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

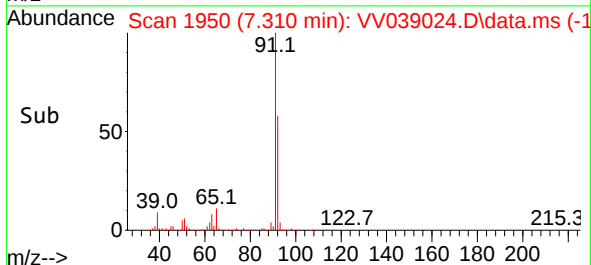
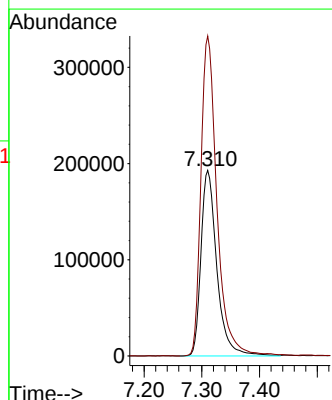
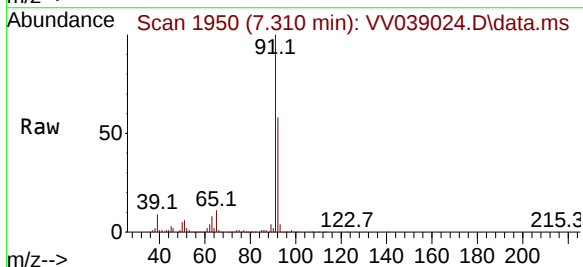
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

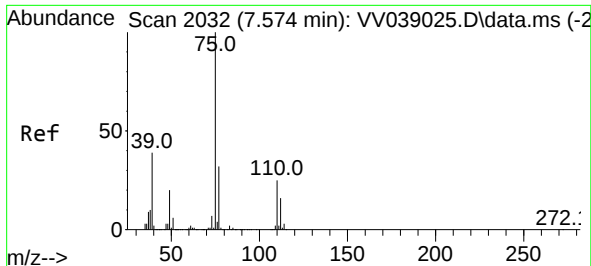
Tgt Ion: 43 Resp: 1205429
Ion Ratio Lower Upper
43 100
58 39.7 33.2 49.8



#52
Toluene
Concen: 20.359 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 92 Resp: 368186
Ion Ratio Lower Upper
92 100
91 173.2 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 20.668 ug/l

RT: 7.577 min Scan# 2032

Delta R.T. 0.003 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

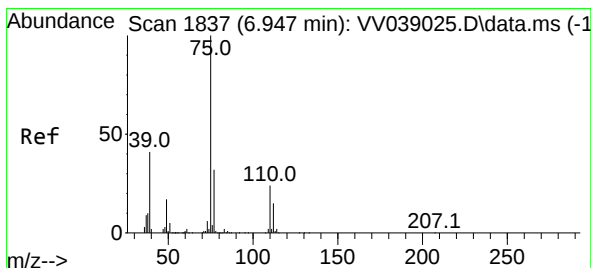
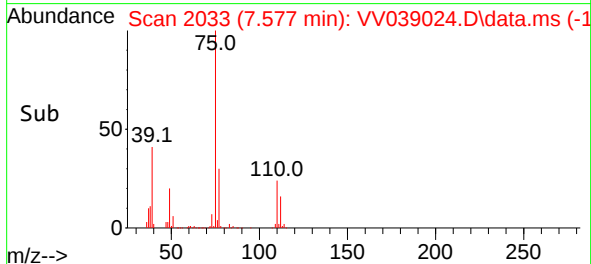
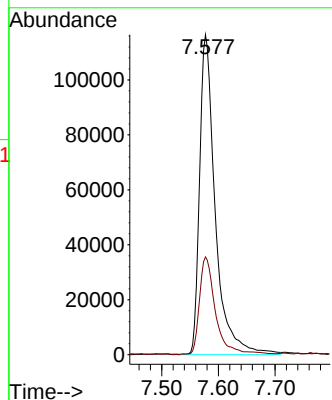
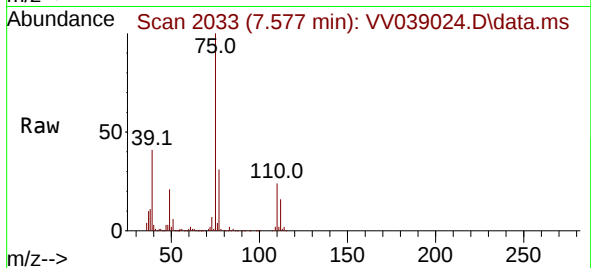
VSTDICC020

Tgt Ion: 75 Resp: 223487

Ion Ratio Lower Upper

75 100

77 30.3 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 20.704 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

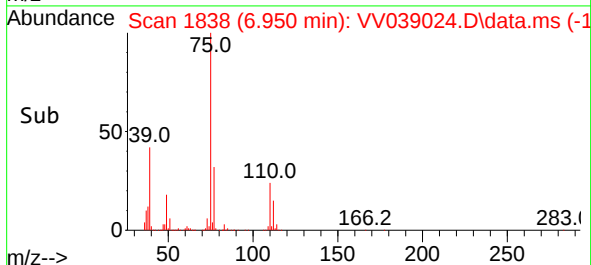
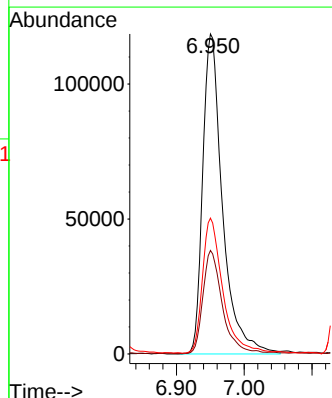
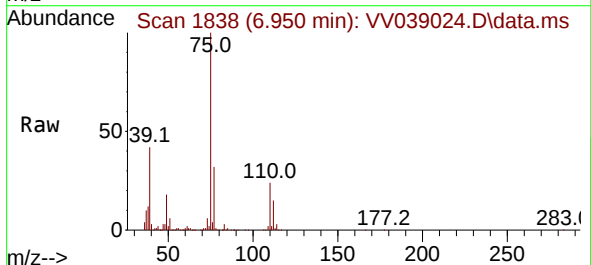
Tgt Ion: 75 Resp: 240500

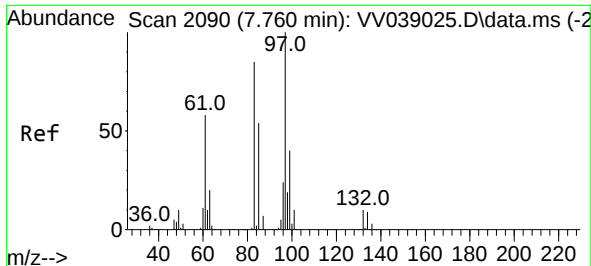
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

39 42.1 32.5 48.7

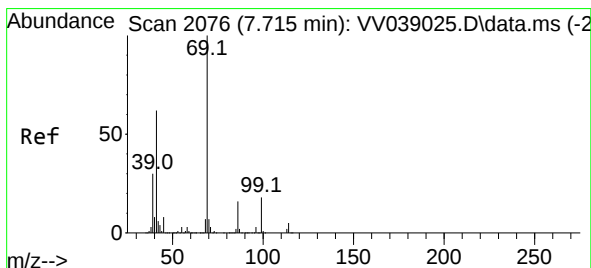
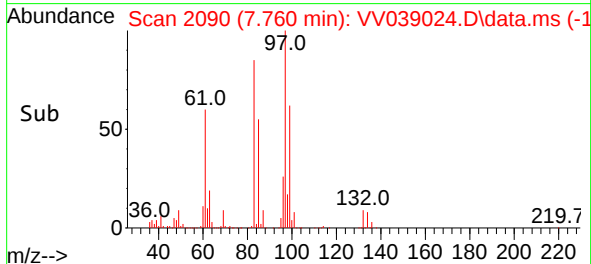
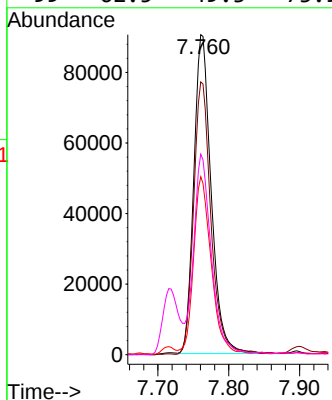
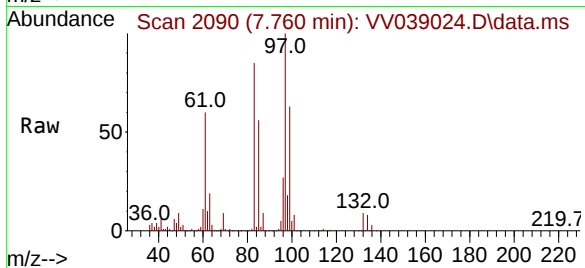




#55
1,1,2-Trichloroethane
Concen: 20.428 ug/l
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

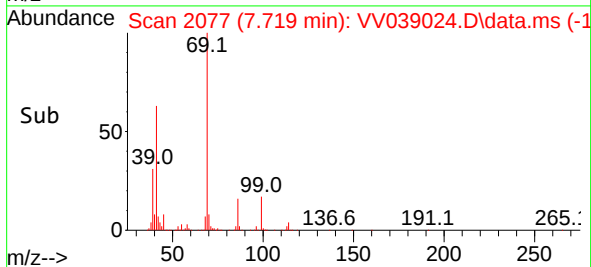
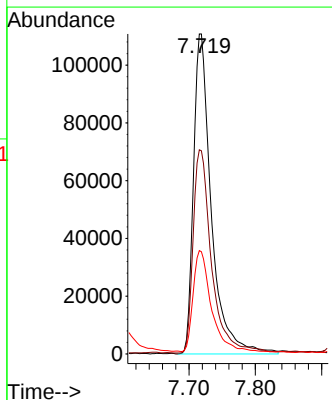
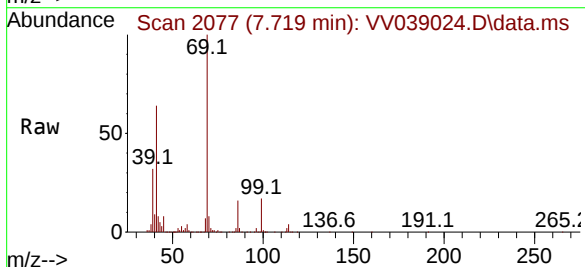
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

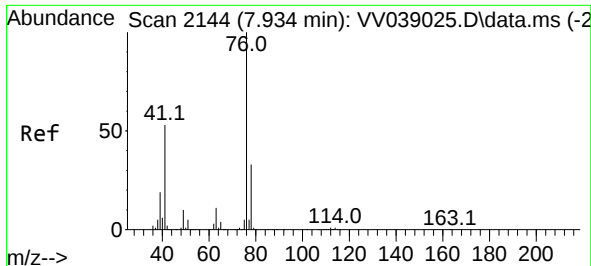
Tgt Ion:	97	Resp:	154134
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.1	102.1
85	55.3	44.5	66.7
99	62.5	49.3	73.9



#56
Ethyl methacrylate
Concen: 20.728 ug/l
RT: 7.719 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion:	69	Resp:	207441
Ion	Ratio	Lower	Upper
69	100		
41	65.4	49.4	74.2
39	32.9	24.0	36.0

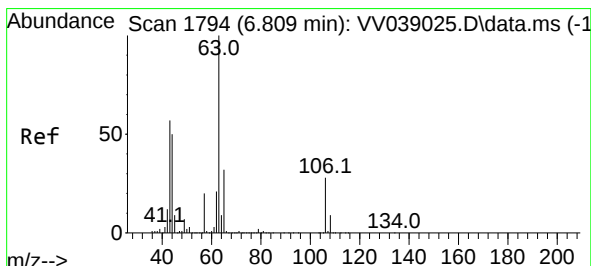
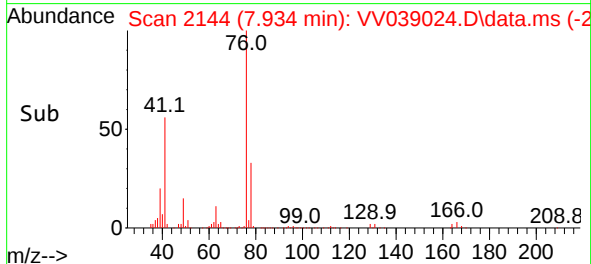
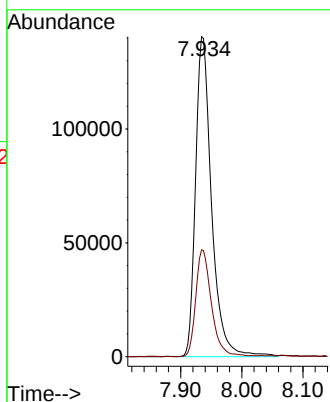
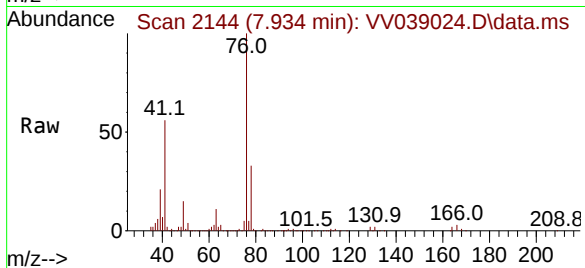




#57
1,3-Dichloropropane
Concen: 21.046 ug/l
RT: 7.934 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

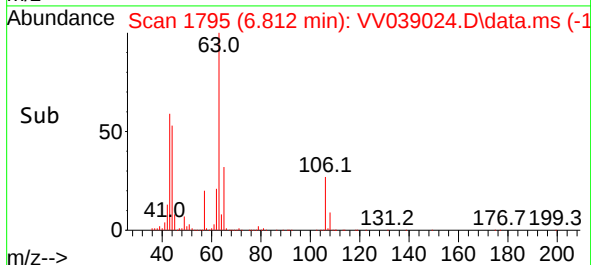
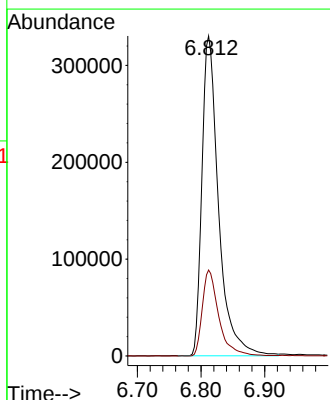
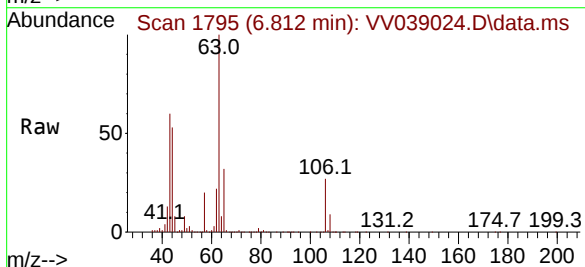
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

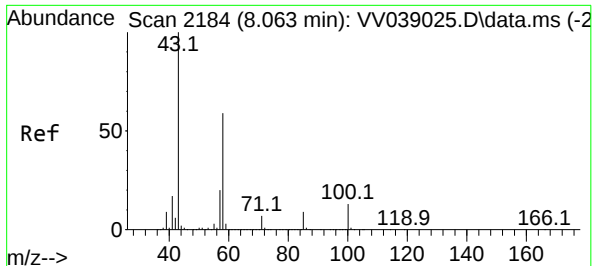
Tgt Ion: 76 Resp: 256346
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 102.467 ug/l
RT: 6.812 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 63 Resp: 600174
Ion Ratio Lower Upper
63 100
106 26.6 22.3 33.5

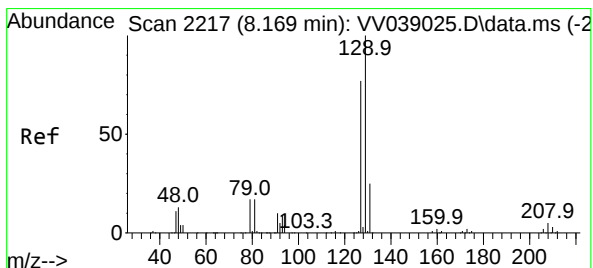
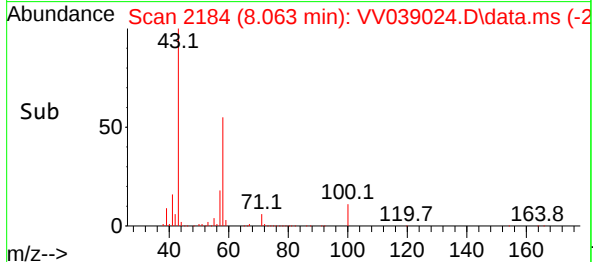
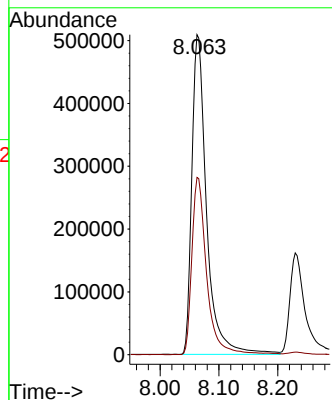
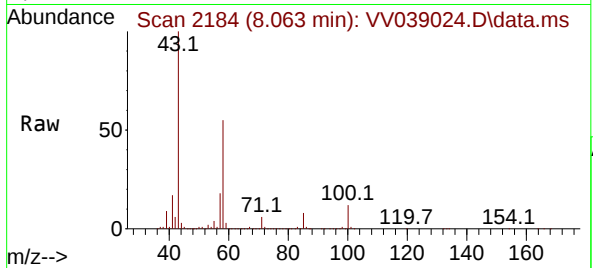




#59
2-Hexanone
Concen: 113.804 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

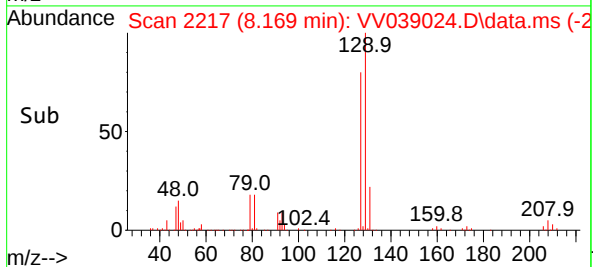
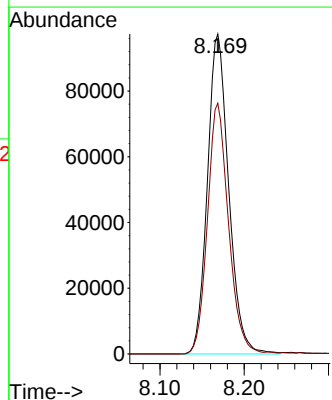
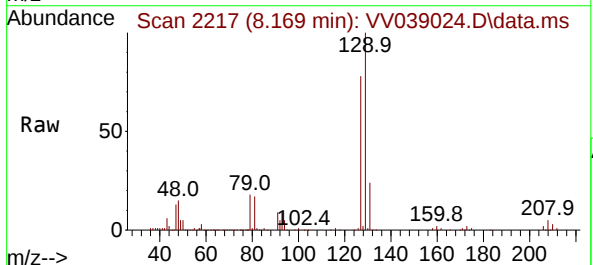
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

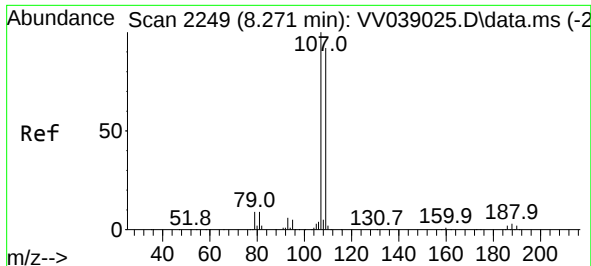
Tgt Ion: 43 Resp: 884959
Ion Ratio Lower Upper
43 100
58 55.3 28.8 86.4



#60
Dibromochloromethane
Concen: 19.577 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 129 Resp: 170873
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

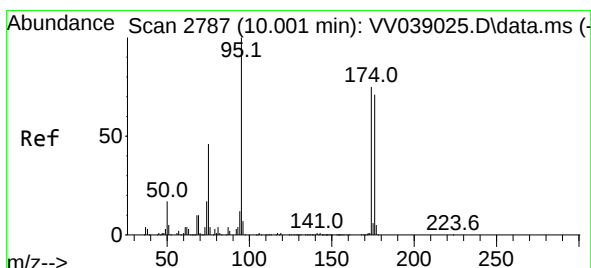
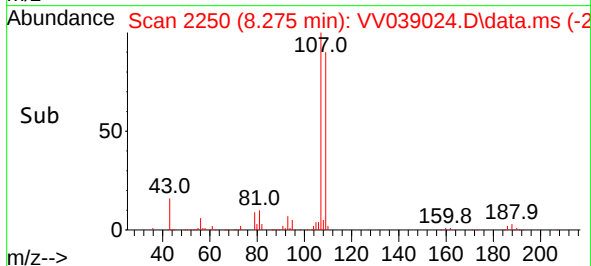
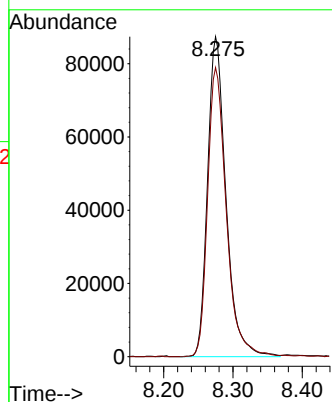
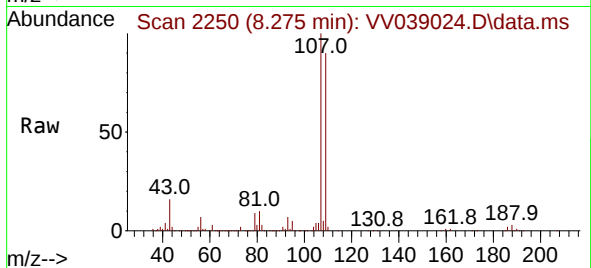




#61
1,2-Dibromoethane
Concen: 20.642 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

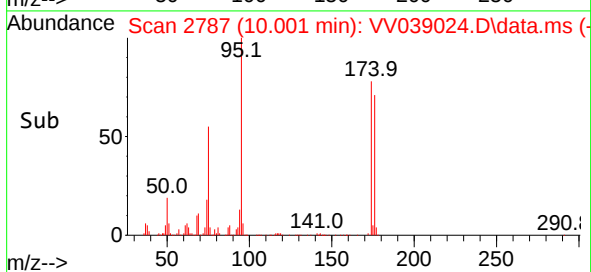
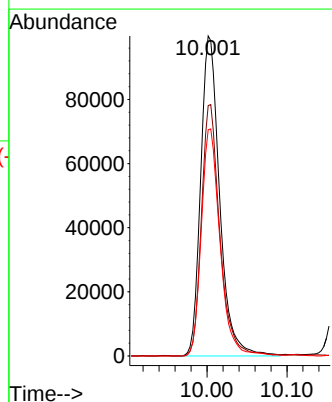
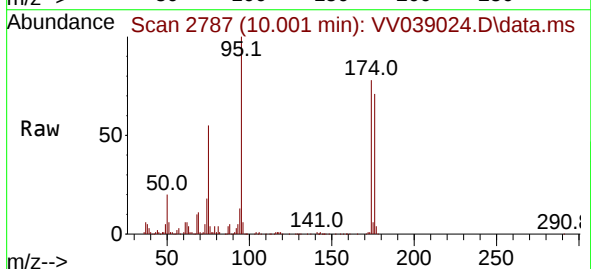
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

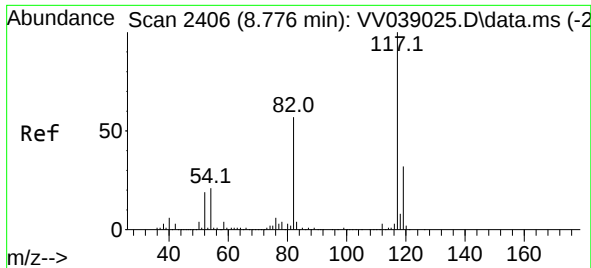
Tgt Ion:107 Resp: 160748
Ion Ratio Lower Upper
107 100
109 91.8 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 19.248 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 95 Resp: 164861
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.4
176 70.1 0.0 144.2

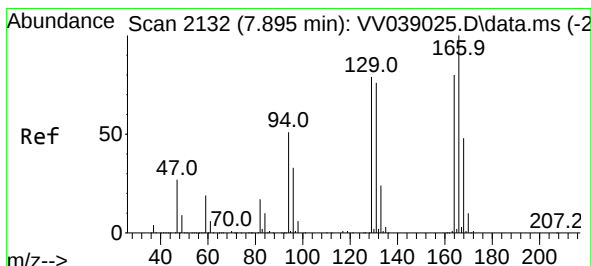
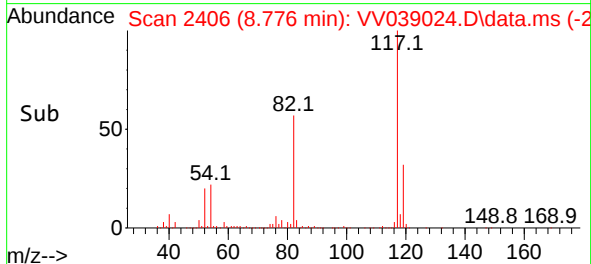
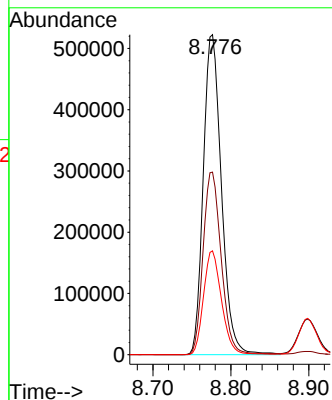
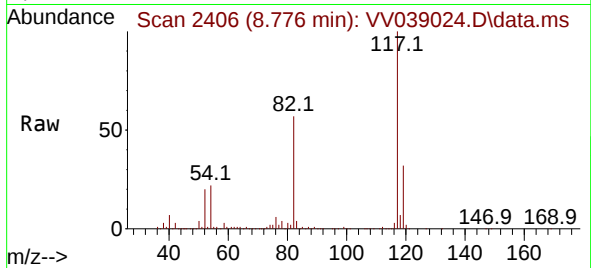




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

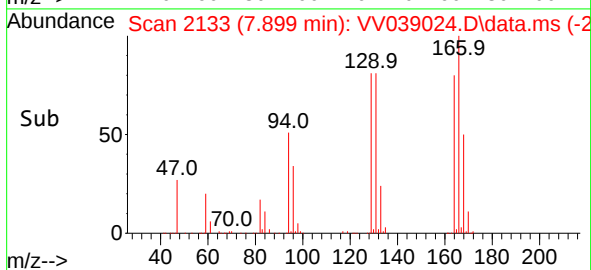
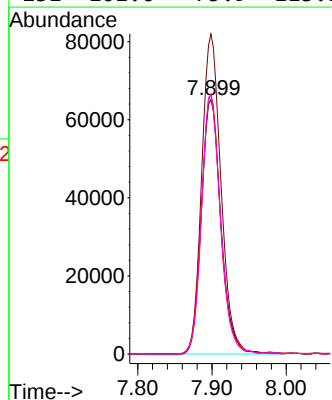
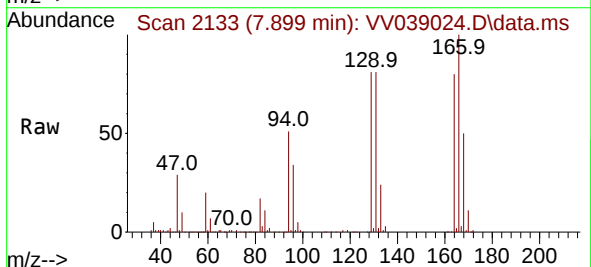
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

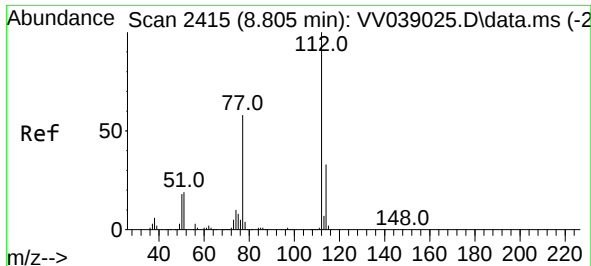
Tgt Ion:117 Resp: 846642
Ion Ratio Lower Upper
117 100
82 57.0 45.6 68.4
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 19.754 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion:164 Resp: 118895
Ion Ratio Lower Upper
164 100
166 125.8 99.7 149.5
129 102.0 78.5 117.7
131 101.6 75.9 113.9

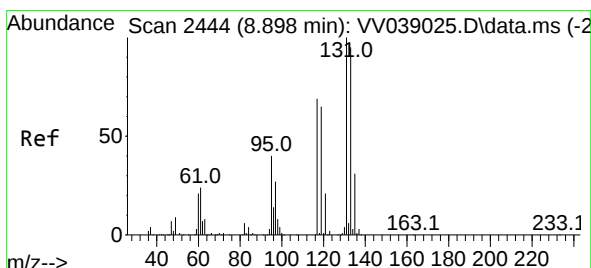
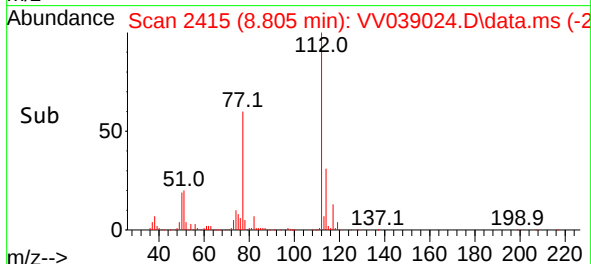
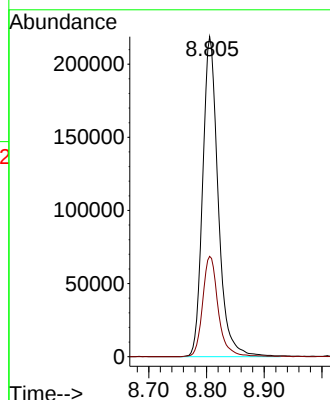
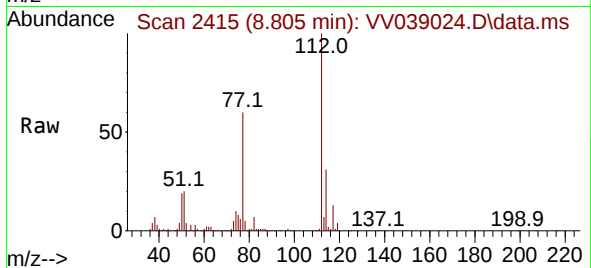




#65
Chlorobenzene
Concen: 20.127 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

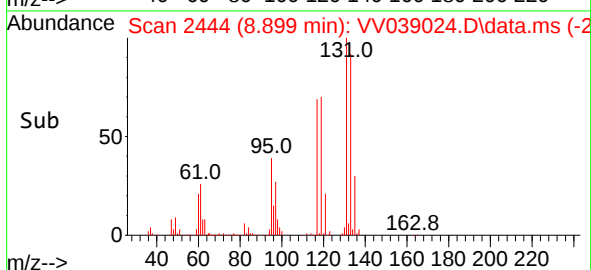
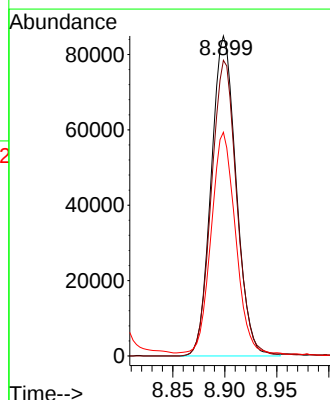
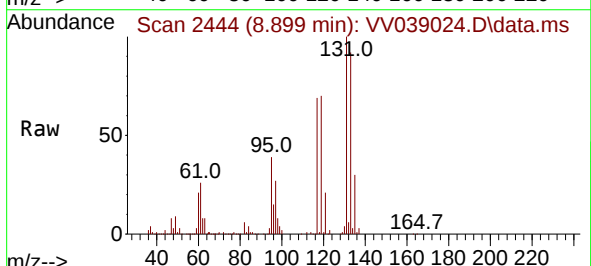
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

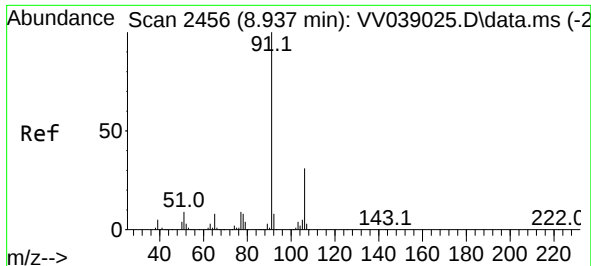
Tgt Ion:112 Resp: 407753
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.104 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion:131 Resp: 142201
Ion Ratio Lower Upper
131 100
133 93.6 47.6 142.9
119 68.1 33.3 99.8





#67

Ethyl Benzene

Concen: 20.870 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

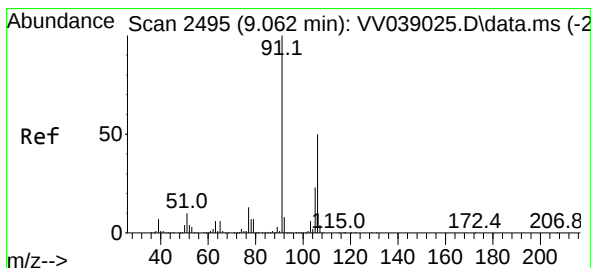
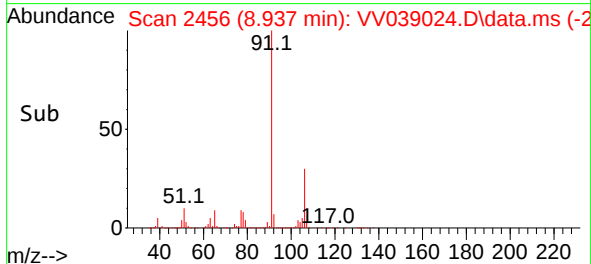
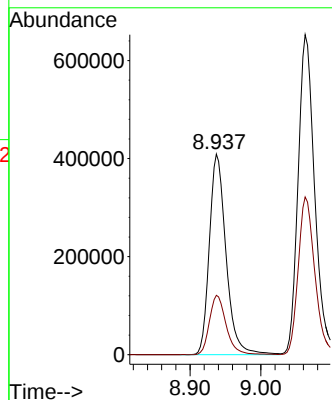
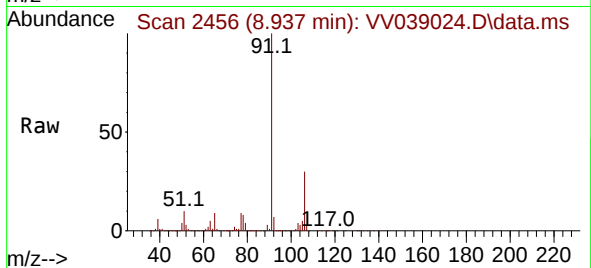
VSTDIC020

Tgt Ion: 91 Resp: 668925

Ion Ratio Lower Upper

91 100

106 29.5 24.6 37.0



#68

m/p-Xylenes

Concen: 42.653 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV039024.D

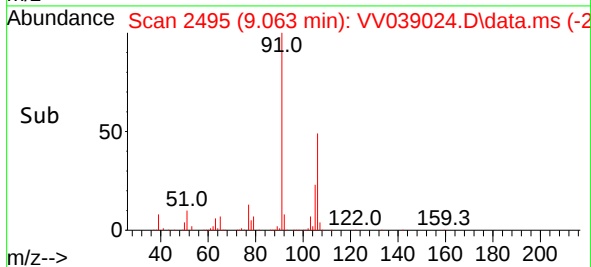
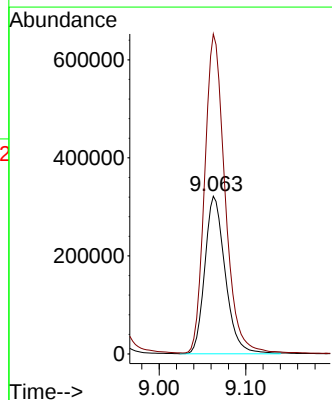
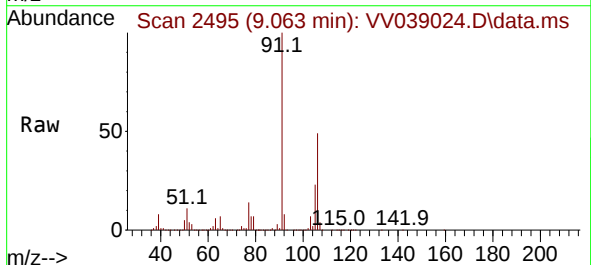
Acq: 25 Aug 2025 11:02

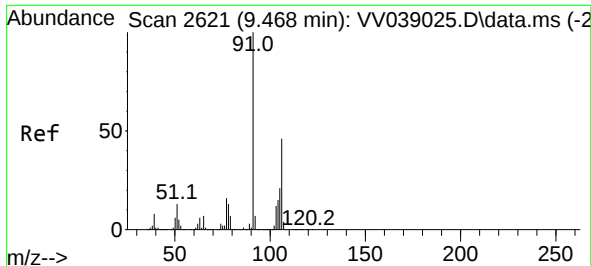
Tgt Ion: 106 Resp: 525645

Ion Ratio Lower Upper

106 100

91 204.0 162.4 243.6

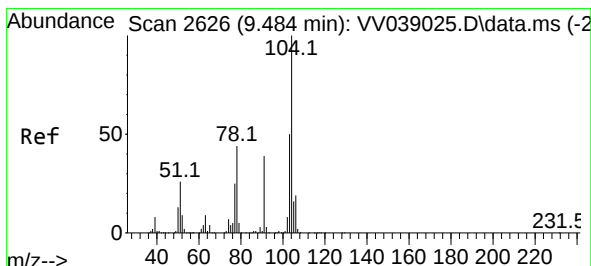
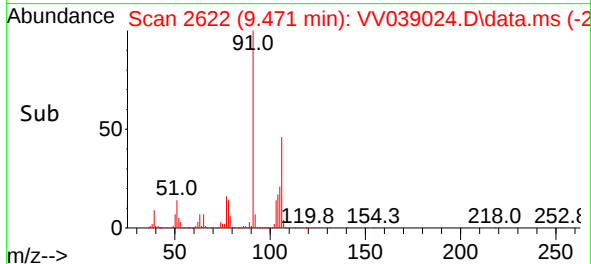
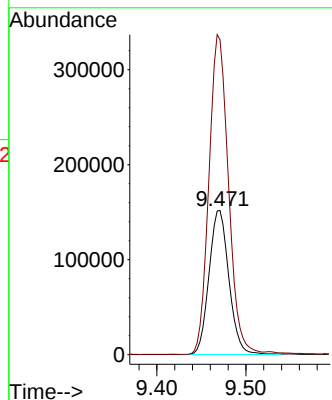
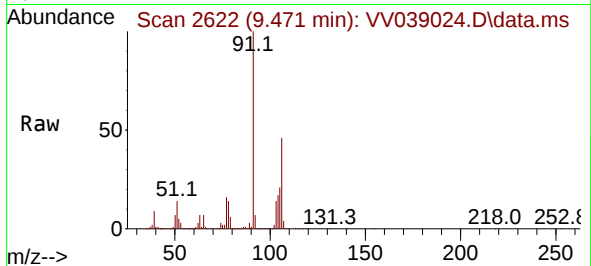




#69
o-Xylene
Concen: 20.847 ug/l
RT: 9.471 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

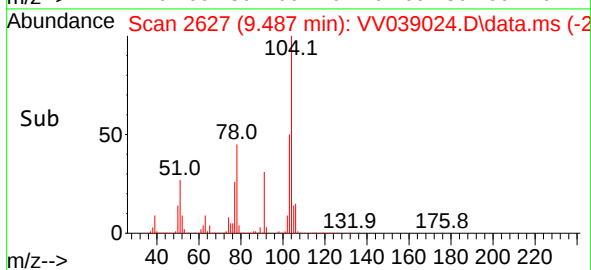
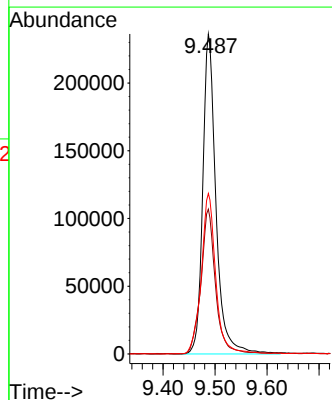
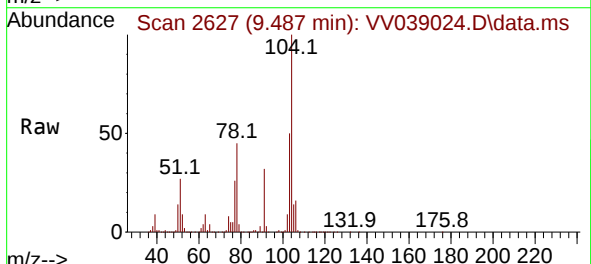
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

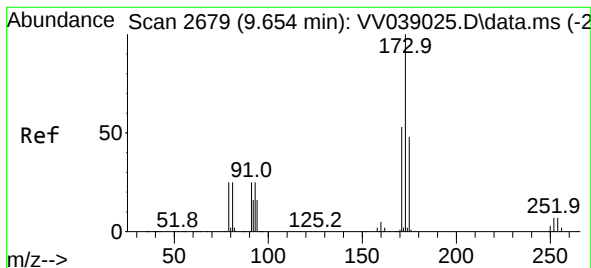
Tgt Ion:106 Resp: 235224
Ion Ratio Lower Upper
106 100
91 217.5 106.7 320.1



#70
Styrene
Concen: 20.974 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion:104 Resp: 416912
Ion Ratio Lower Upper
104 100
78 49.5 39.3 58.9
103 54.7 43.2 64.8





#71

Bromoform

Concen: 19.583 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

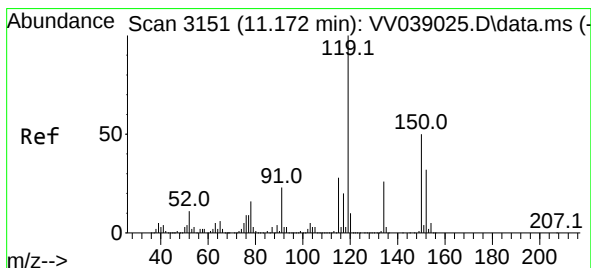
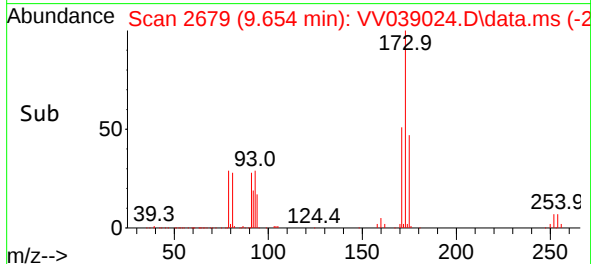
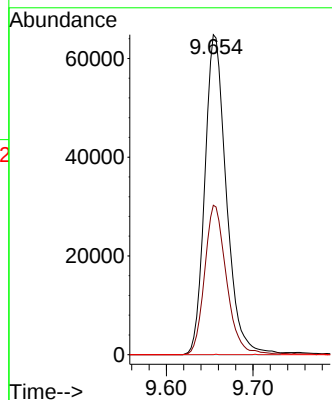
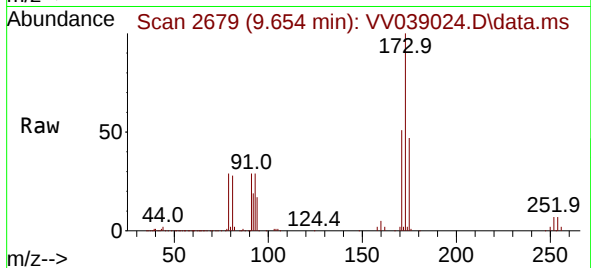
Tgt Ion:173 Resp: 112000

Ion Ratio Lower Upper

173 100

175 47.3 24.3 72.9

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

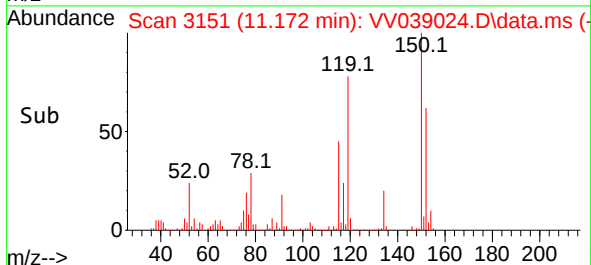
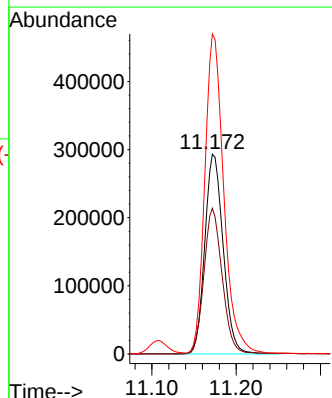
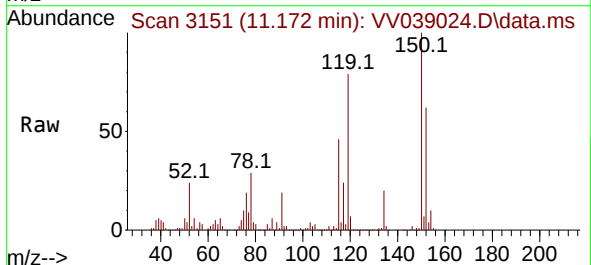
Tgt Ion:152 Resp: 445896

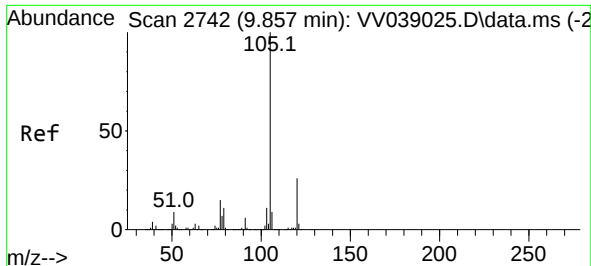
Ion Ratio Lower Upper

152 100

115 72.5 44.0 132.1

150 164.9 0.0 352.2

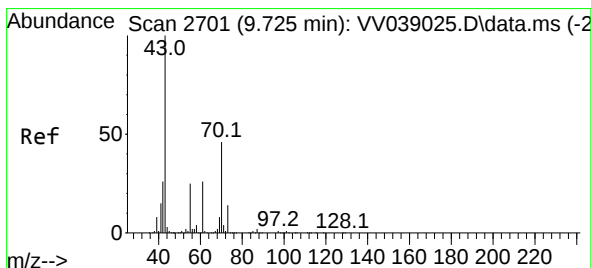
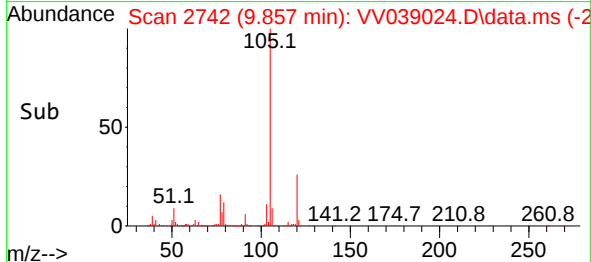
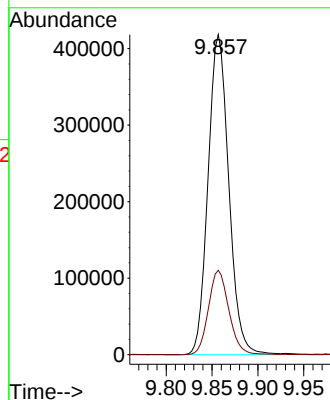
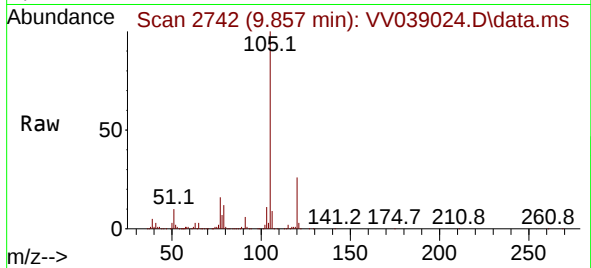




#73
Isopropylbenzene
Concen: 21.052 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

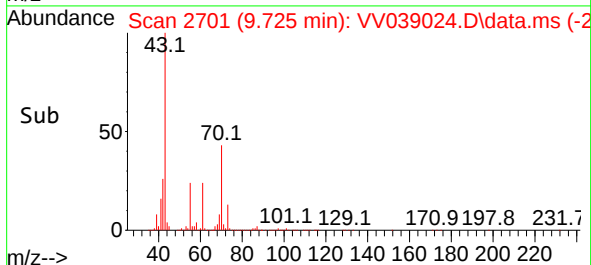
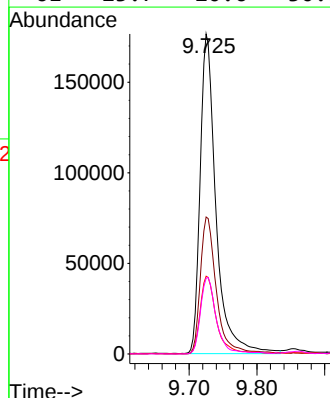
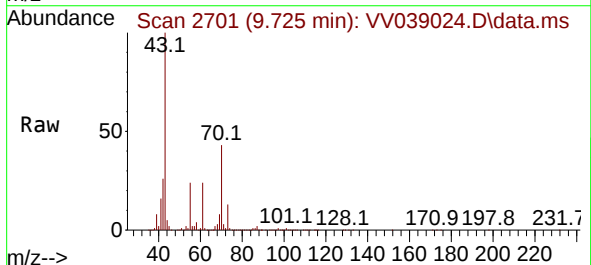
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

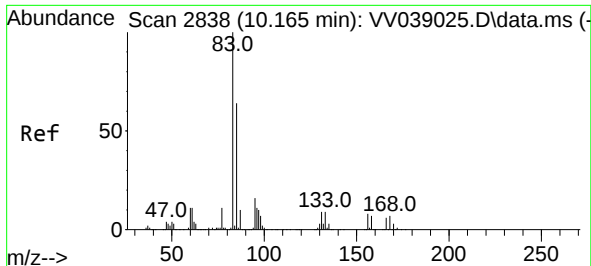
Tgt Ion:105 Resp: 657859
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5



#74
N-ethyl acetate
Concen: 22.348 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 43 Resp: 287015
Ion Ratio Lower Upper
43 100
70 43.4 36.4 54.6
55 24.6 20.6 30.8
61 23.7 20.6 30.8

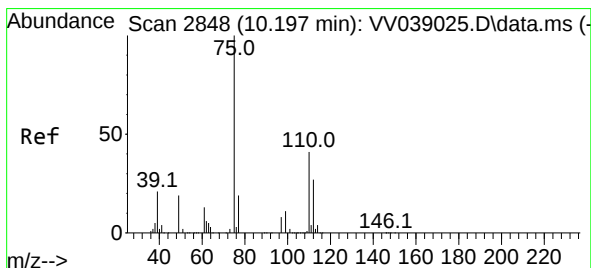
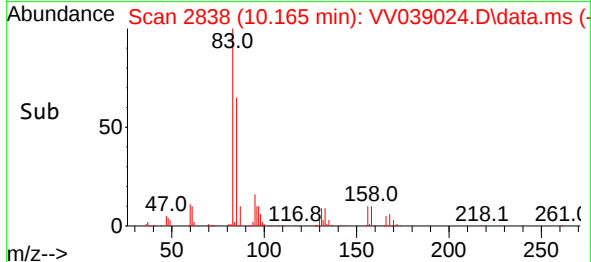
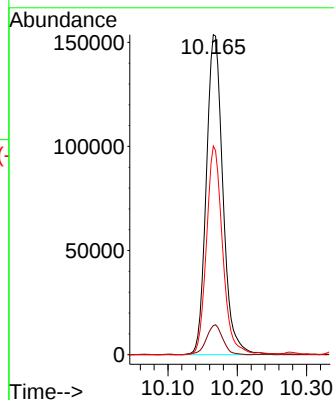
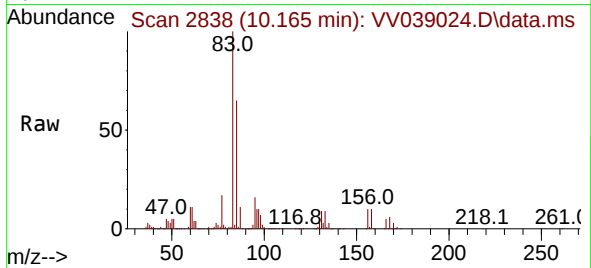




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.761 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV039024.D
 Acq: 25 Aug 2025 11:02

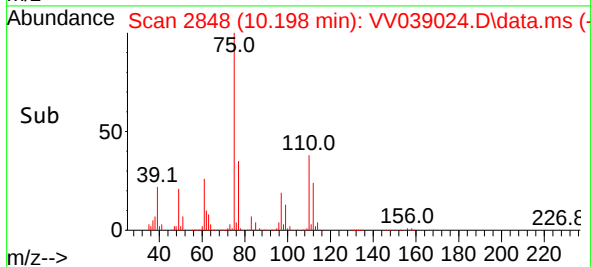
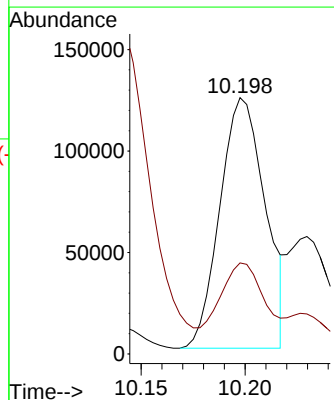
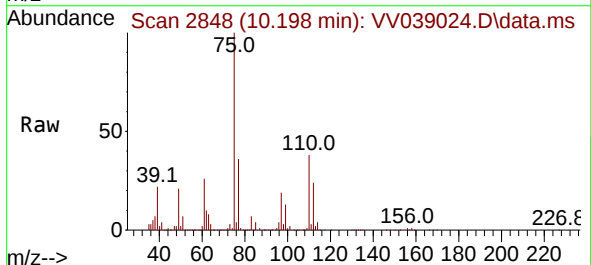
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

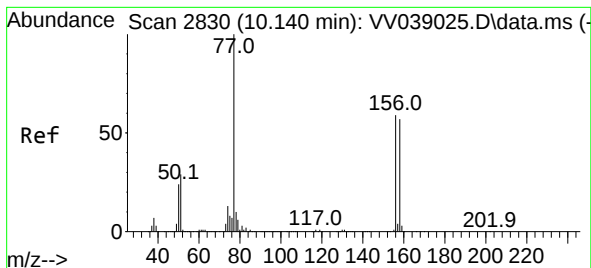
Tgt Ion: 83 Resp: 255579
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.7 14.0
 85 63.0 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 21.369 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. 0.000 min
 Lab File: VV039024.D
 Acq: 25 Aug 2025 11:02

Tgt Ion: 75 Resp: 187039
 Ion Ratio Lower Upper
 75 100
 77 22.7 11.9 35.5





#77

Bromobenzene

Concen: 20.077 ug/l

RT: 10.143 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

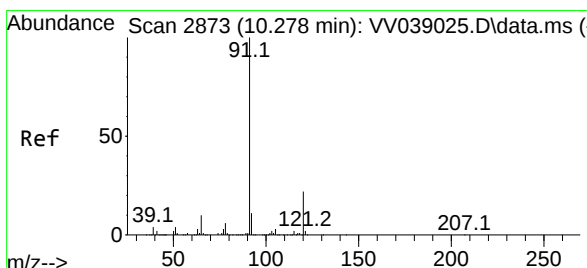
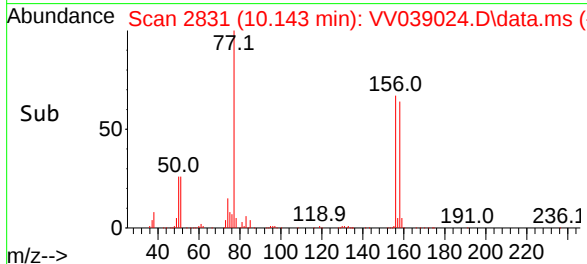
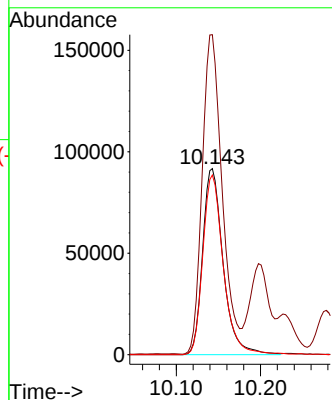
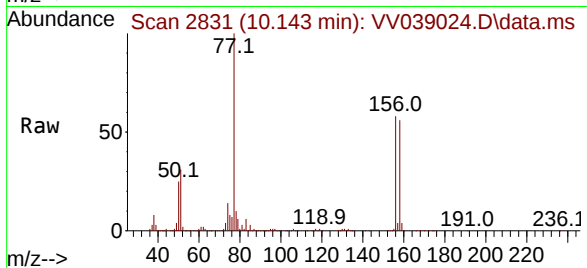
Tgt Ion:156 Resp: 155430

Ion Ratio Lower Upper

156 100

77 166.5 82.5 247.7

158 96.3 49.4 148.0



#78

n-propylbenzene

Concen: 21.668 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV039024.D

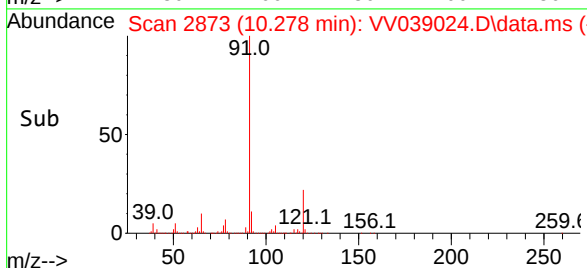
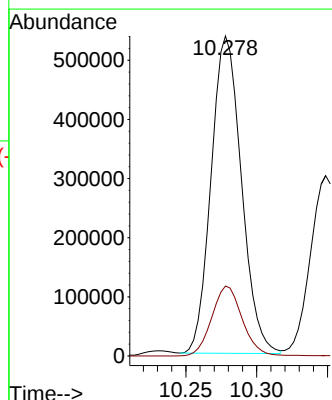
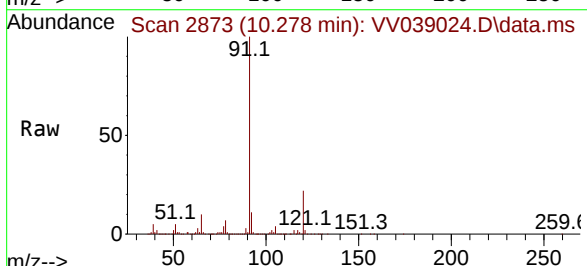
Acq: 25 Aug 2025 11:02

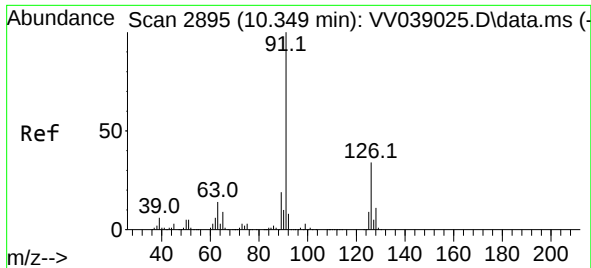
Tgt Ion: 91 Resp: 799320

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.6

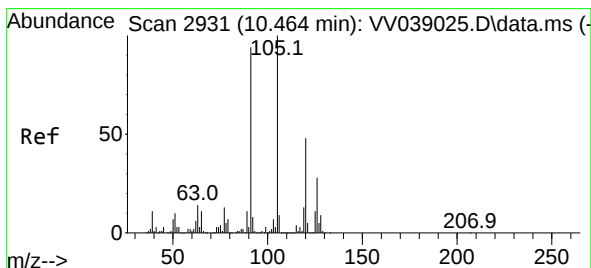
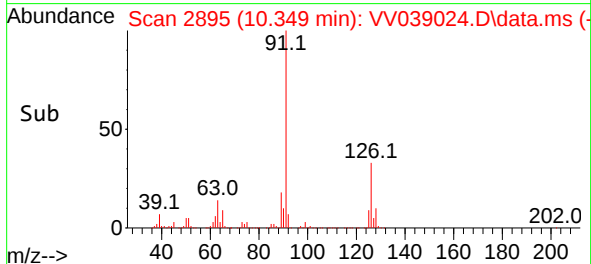
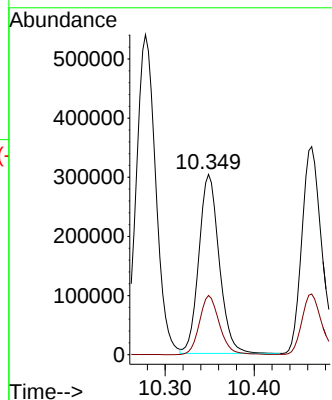
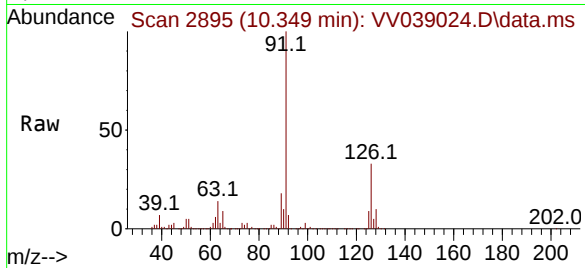




#79
2-Chlorotoluene
Concen: 21.122 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

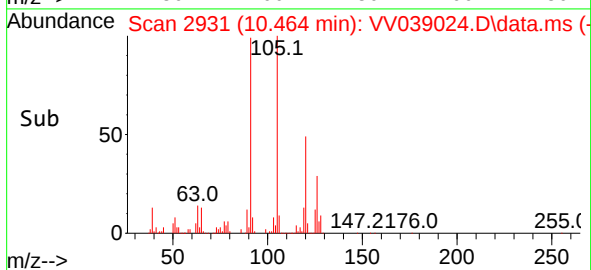
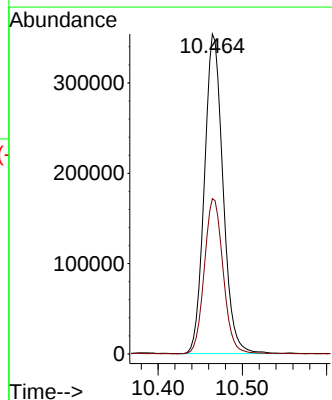
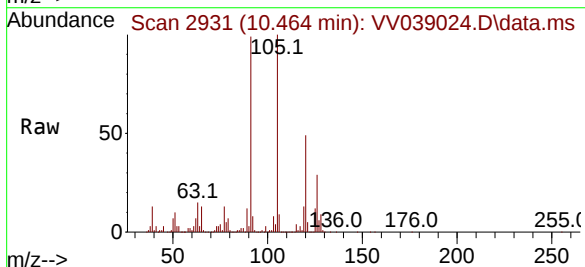
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

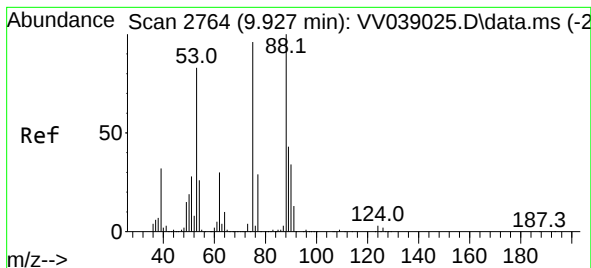
Tgt Ion: 91 Resp: 480101
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 21.239 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 105 Resp: 544652
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.8

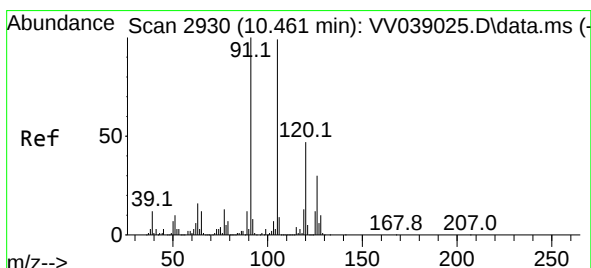
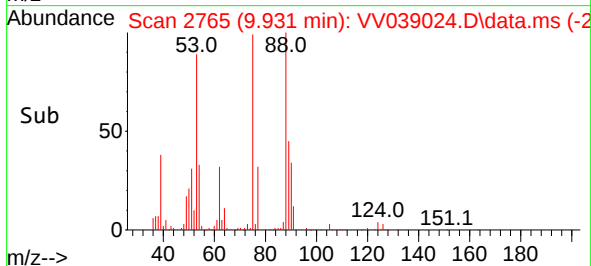
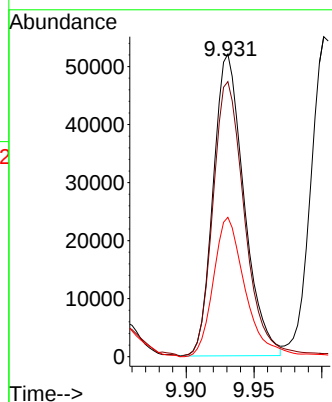
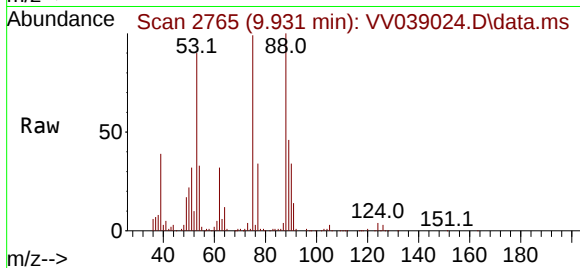




#81
trans-1,4-Dichloro-2-butene
Concen: 20.660 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

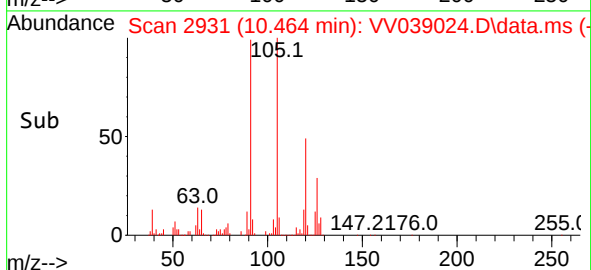
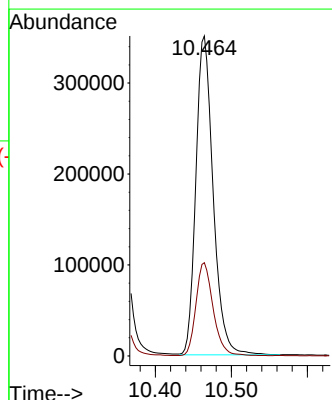
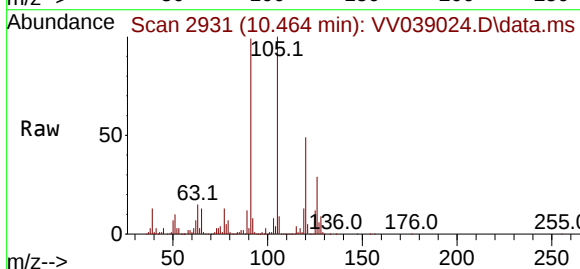
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

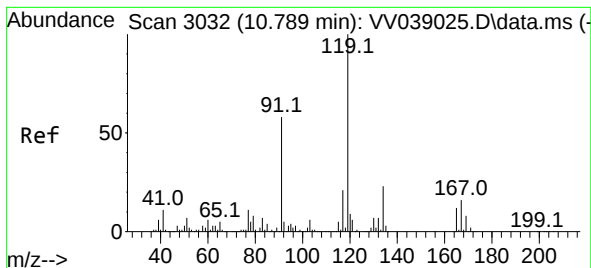
Tgt Ion: 75 Resp: 82228
Ion Ratio Lower Upper
75 100
53 95.6 70.2 105.4
89 48.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.364 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 91 Resp: 552416
Ion Ratio Lower Upper
91 100
126 29.1 14.9 44.5





#83

tert-Butylbenzene

Concen: 20.314 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

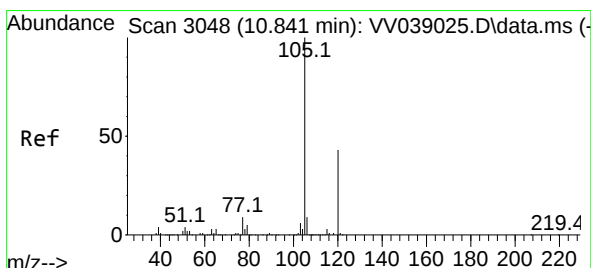
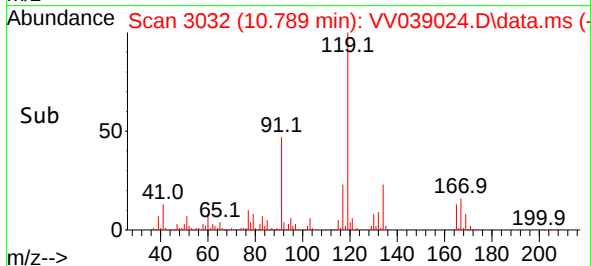
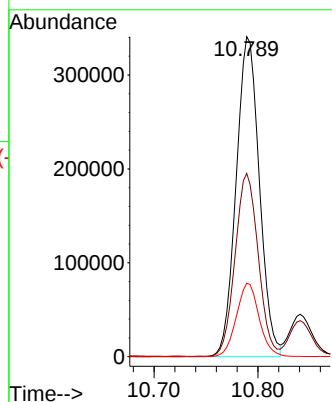
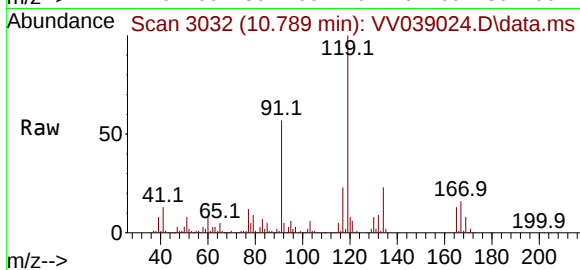
Tgt Ion:119 Resp: 529993

Ion Ratio Lower Upper

119 100

91 57.0 28.1 84.4

134 22.6 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 21.708 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV039024.D

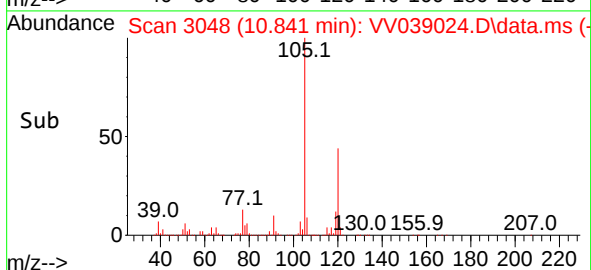
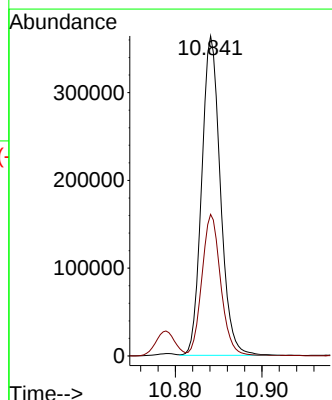
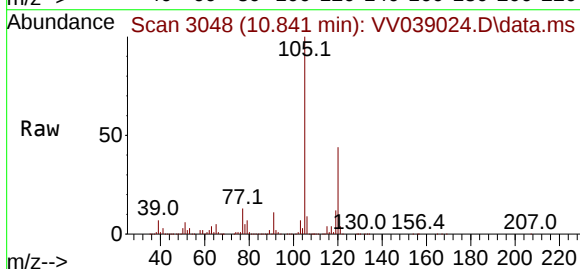
Acq: 25 Aug 2025 11:02

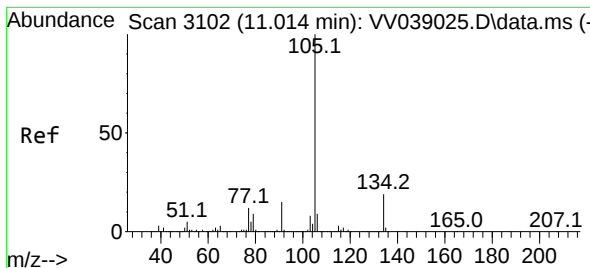
Tgt Ion:105 Resp: 544801

Ion Ratio Lower Upper

105 100

120 45.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 20.748 ug/l

RT: 11.014 min Scan# 3102

Delta R.T. 0.000 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

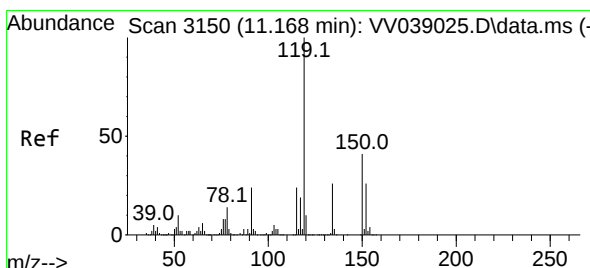
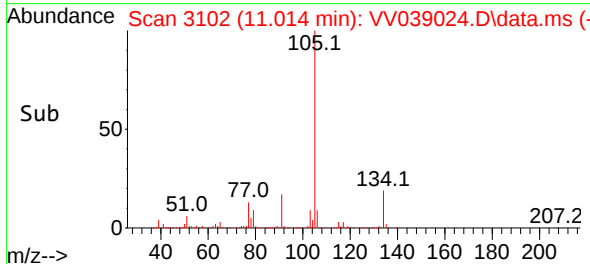
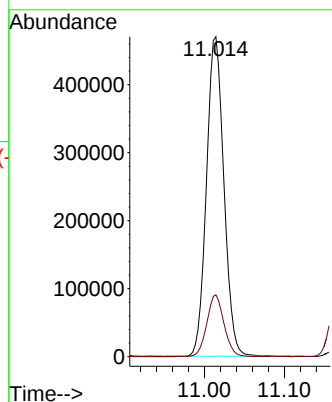
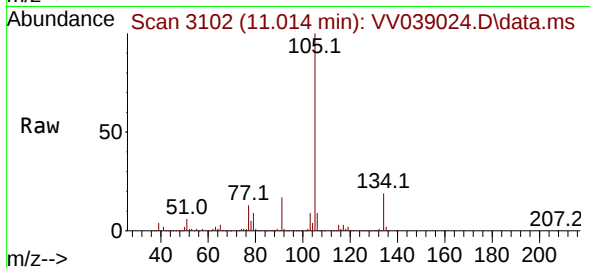
VSTDIC020

Tgt Ion:105 Resp: 711898

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.4



#86

p-Isopropyltoluene

Concen: 20.939 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

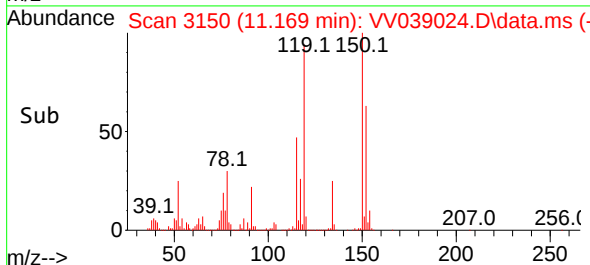
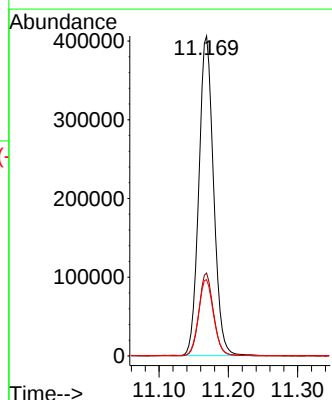
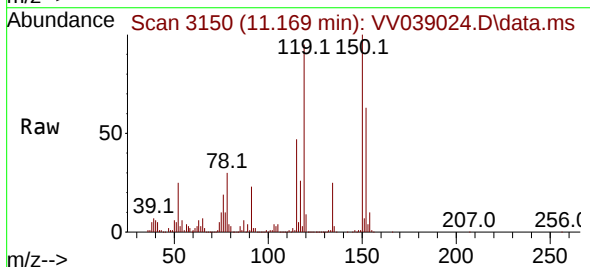
Tgt Ion:119 Resp: 599087

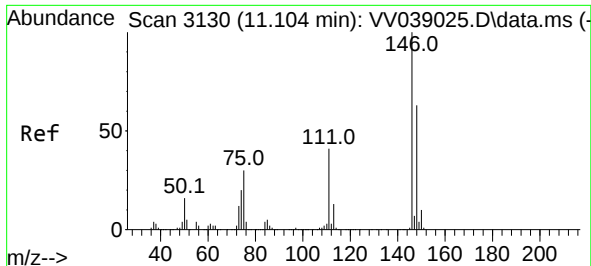
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.1

91 24.5 12.0 36.1

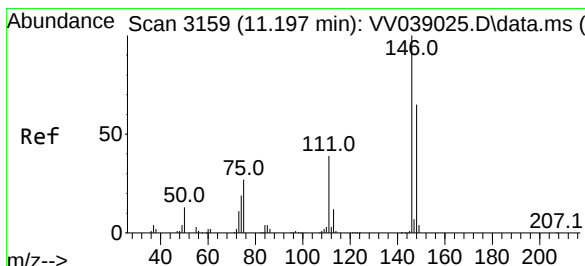
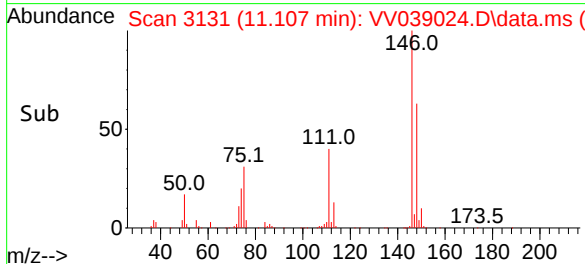
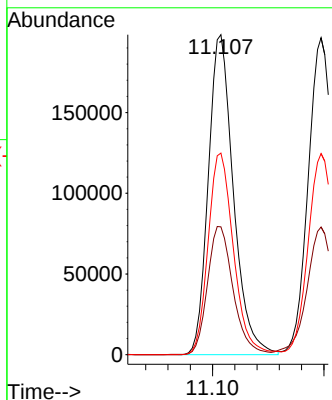
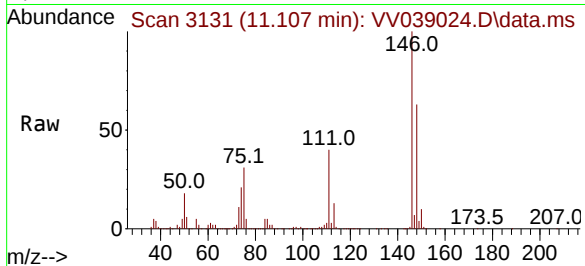




#87
 1,3-Dichlorobenzene
 Concen: 20.070 ug/l
 RT: 11.107 min Scan# 3131
 Delta R.T. 0.003 min
 Lab File: VV039024.D
 Acq: 25 Aug 2025 11:02

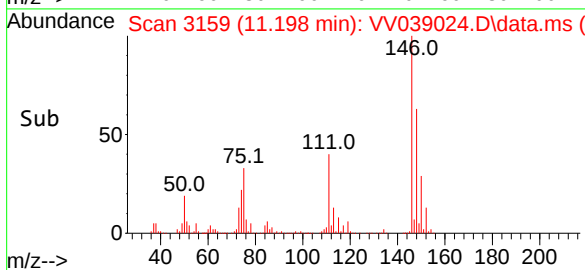
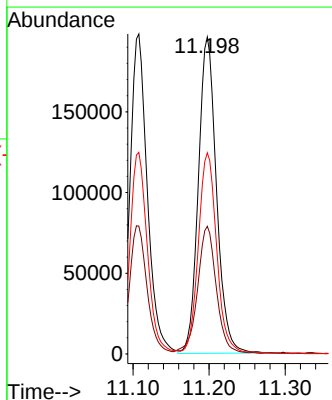
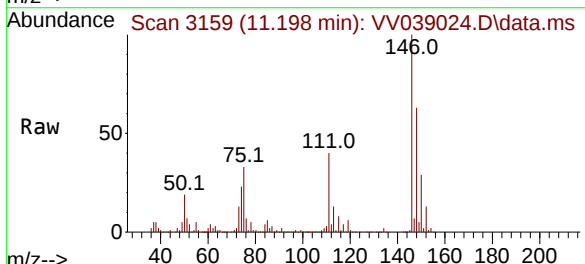
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

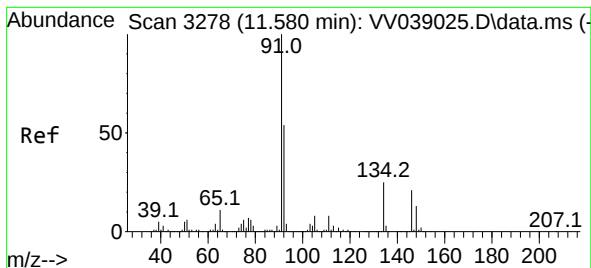
Tgt Ion:146 Resp: 310587
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.5 61.6
 148 63.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.500 ug/l
 RT: 11.198 min Scan# 3159
 Delta R.T. 0.000 min
 Lab File: VV039024.D
 Acq: 25 Aug 2025 11:02

Tgt Ion:146 Resp: 325151
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.1 60.3
 148 64.6 32.5 97.4





#89

n-Butylbenzene

Concen: 20.862 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

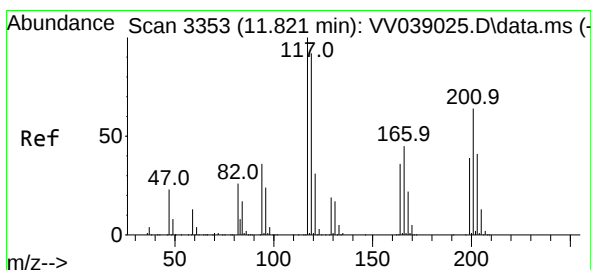
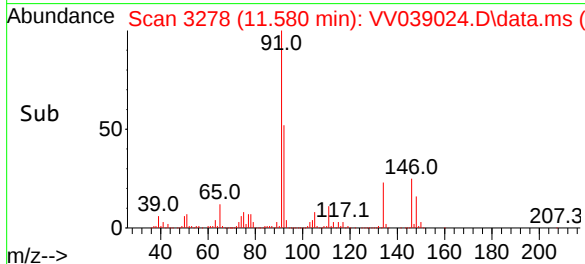
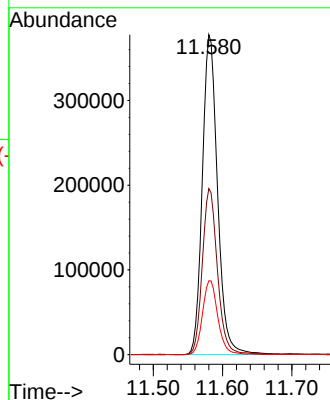
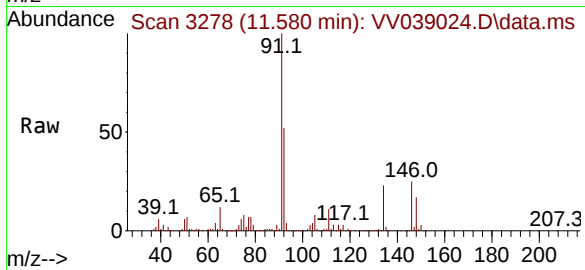
Tgt Ion: 91 Resp: 575716

Ion Ratio Lower Upper

91 100

92 51.8 26.8 80.4

134 23.3 12.2 36.6



#90

Hexachloroethane

Concen: 19.150 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV039024.D

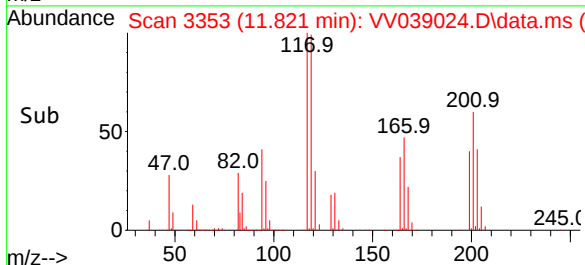
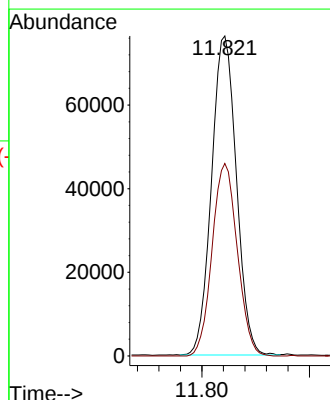
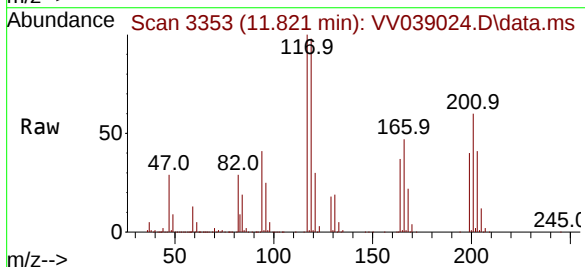
Acq: 25 Aug 2025 11:02

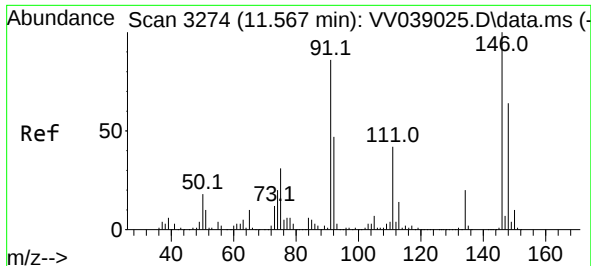
Tgt Ion: 117 Resp: 122398

Ion Ratio Lower Upper

117 100

201 61.2 32.2 96.6

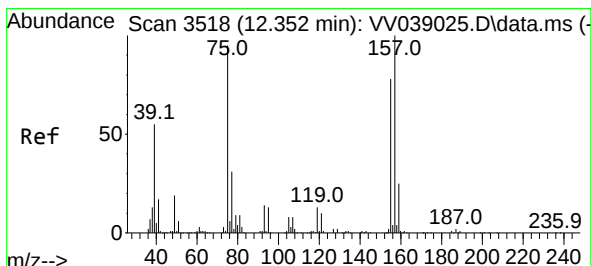
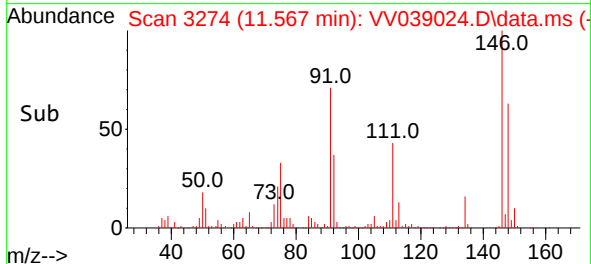
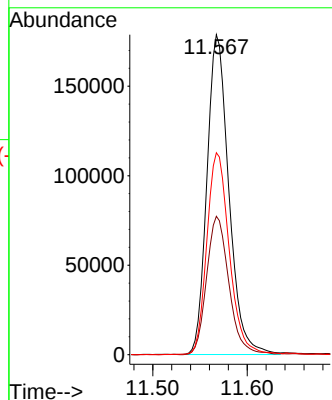
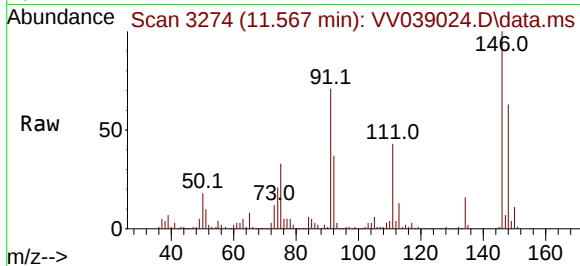




#91
1,2-Dichlorobenzene
Concen: 19.184 ug/l
RT: 11.567 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

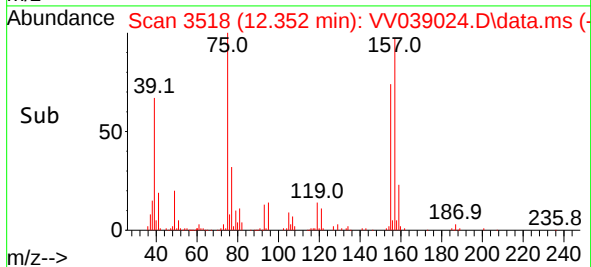
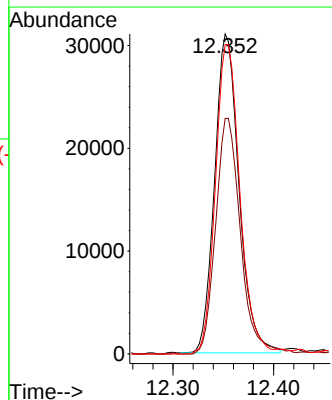
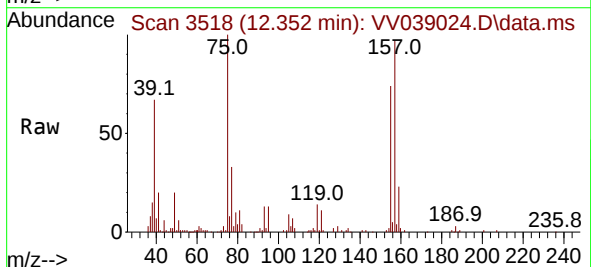
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

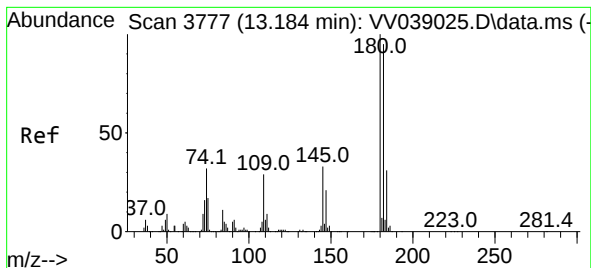
Tgt Ion:146 Resp: 287940
Ion Ratio Lower Upper
146 100
111 44.1 21.1 63.4
148 65.0 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.581 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.000 min
Lab File: VV039024.D
Acq: 25 Aug 2025 11:02

Tgt Ion: 75 Resp: 52362
Ion Ratio Lower Upper
75 100
155 75.2 40.9 122.7
157 97.2 53.4 160.3





#93

1,2,4-Trichlorobenzene

Concen: 19.745 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

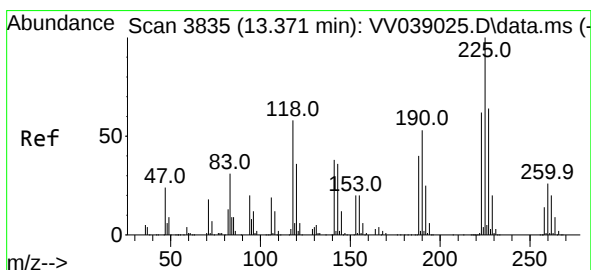
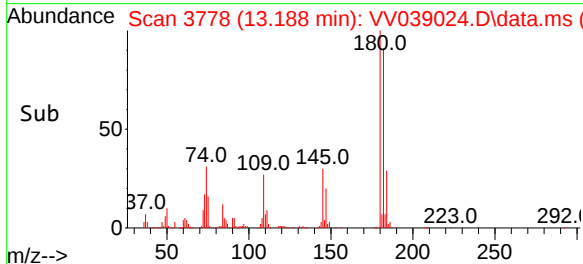
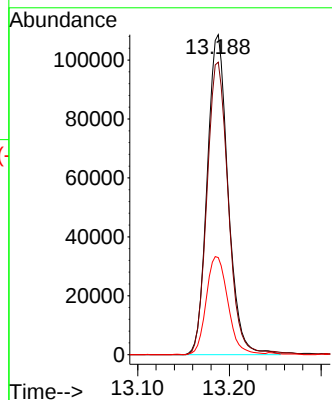
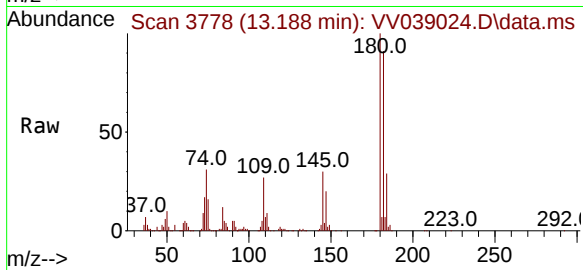
Tgt Ion:180 Resp: 171729

Ion Ratio Lower Upper

180 100

182 93.7 47.5 142.6

145 31.9 16.3 48.9



#94

Hexachlorobutadiene

Concen: 18.845 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.003 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

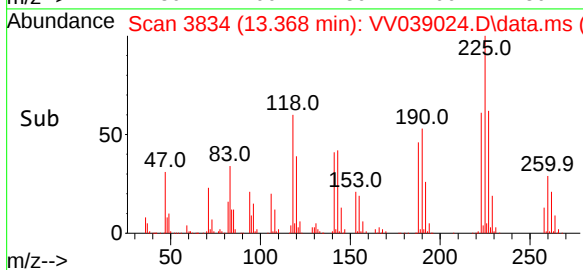
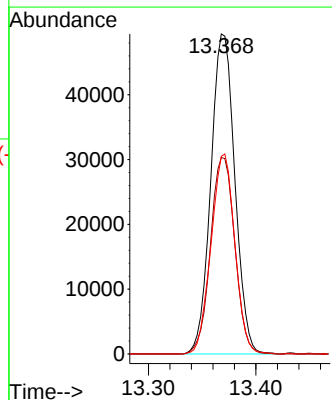
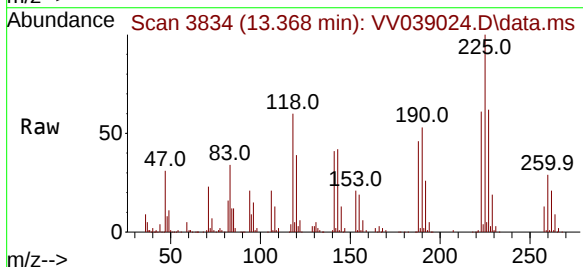
Tgt Ion:225 Resp: 76641

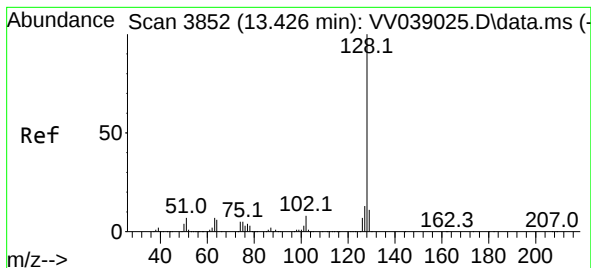
Ion Ratio Lower Upper

225 100

223 62.0 32.1 96.5

227 61.9 31.6 95.0





#95

Naphthalene

Concen: 19.659 ug/l

RT: 13.426 min Scan# 3852

Delta R.T. 0.000 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

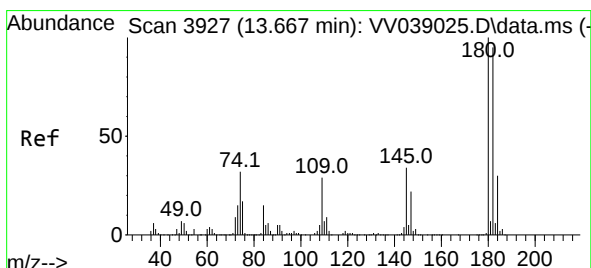
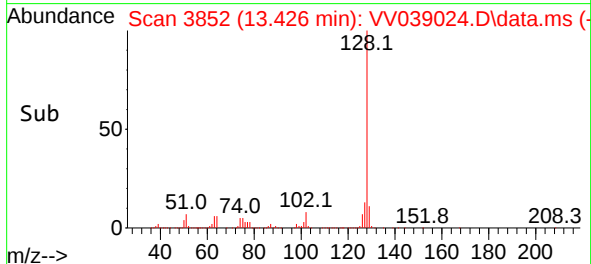
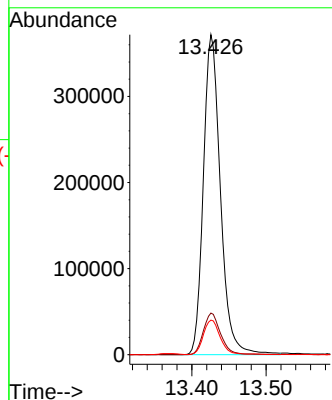
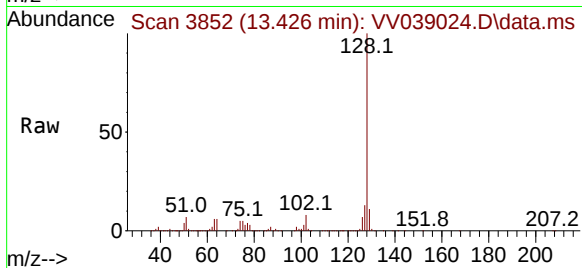
Tgt Ion:128 Resp: 593006

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.5 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 19.809 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039024.D

Acq: 25 Aug 2025 11:02

Tgt Ion:180 Resp: 174578

Ion Ratio Lower Upper

180 100

182 93.8 47.0 141.0

145 34.2 17.0 51.0

