

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081325\
 Data File : VV038951.D
 Acq On : 13 Aug 2025 14:33
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 14 02:25:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V081325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 14 02:22:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	562437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	898797	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	855350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	506525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	744157	95.931	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 191.860%#	
35) Dibromofluoromethane	4.500	113	626972	99.021	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 198.040%#	
50) Toluene-d8	7.236	98	2268658	102.851	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 205.700%#	
62) 4-Bromofluorobenzene	10.001	95	887472	110.733	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 221.460%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	737205	97.192	ug/l	100
3) Chloromethane	1.230	50	719357	90.193	ug/l	100
4) Vinyl Chloride	1.294	62	820326	92.884	ug/l	99
5) Bromomethane	1.478	94	455843	76.827	ug/l	98
6) Chloroethane	1.548	64	498331	92.597	ug/l	100
7) Trichlorofluoromethane	1.719	101	1215800	104.929	ug/l	100
8) Diethyl Ether	1.918	74	355225	97.764	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.079	101	607150	95.905	ug/l	99
10) Methyl Iodide	2.195	142	1091490	127.245	ug/l	99
11) Tert butyl alcohol	2.581	59	711490	464.584	ug/l	99
12) 1,1-Dichloroethene	2.079	96	594117	94.659	ug/l	99
13) Acrolein	2.008	56	303352	499.879	ug/l	98
14) Allyl chloride	2.356	41	1091369	100.454	ug/l	98
15) Acrylonitrile	2.674	53	1955569	455.061	ug/l	100
16) Acetone	2.121	43	1611592	507.540	ug/l	97
17) Carbon Disulfide	2.249	76	1946773	99.289	ug/l	99
18) Methyl Acetate	2.378	43	823305	99.890	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	2053284	90.202	ug/l	98
20) Methylene Chloride	2.455	84	721582	99.948	ug/l	98
21) trans-1,2-Dichloroethene	2.700	96	679657	88.335	ug/l	99
22) Diisopropyl ether	3.217	45	2060001	99.644	ug/l	97
23) Vinyl Acetate	3.188	43	9083322	523.113	ug/l	99
24) 1,1-Dichloroethane	3.118	63	1236759	95.598	ug/l	99
25) 2-Butanone	3.867	43	2412826	508.789	ug/l	100
26) 2,2-Dichloropropane	3.812	77	1086715	95.758	ug/l	100
27) cis-1,2-Dichloroethene	3.815	96	791169	99.687	ug/l	98
28) Bromochloromethane	4.146	49	308893	87.339	ug/l	100
29) Tetrahydrofuran	4.236	42	1577679	516.482	ug/l	100
30) Chloroform	4.278	83	1276886	92.359	ug/l	99
31) Cyclohexane	4.584	56	1083899	95.494	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	1161332	93.181	ug/l	98
36) 1,1-Dichloropropene	4.741	75	878719	105.522	ug/l	99
37) Ethyl Acetate	3.973	43	950183	96.935	ug/l	100
38) Carbon Tetrachloride	4.735	117	1008885	102.765	ug/l	98
39) Methylcyclohexane	6.047	83	1214987	111.038	ug/l	98
40) Benzene	5.008	78	2729534	100.000	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	451455	120.393	ug/l	99
42) 1,2-Dichloroethane	5.037	62	919930	97.868	ug/l	99
43) Isopropyl Acetate	5.195	43	1505245	113.339	ug/l	99
44) Trichloroethene	5.828	130	690961	97.796	ug/l	97
45) 1,2-Dichloropropane	6.088	63	659842	103.713	ug/l	96
46) Dibromomethane	6.223	93	506596	99.361	ug/l	99
47) Bromodichloromethane	6.426	83	1029080	100.413	ug/l	99
48) Methyl methacrylate	6.294	41	716883	117.168	ug/l	100
49) 1,4-Dioxane	6.288	88	257035	2122.790	ug/l	99
51) 4-Methyl-2-Pentanone	7.150	43	4885516	540.978	ug/l	98
52) Toluene	7.307	92	1765886	106.060	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	1068529	109.360	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	1129383	105.274	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	691385	99.391	ug/l	99
56) Ethyl methacrylate	7.715	69	1103582	122.359	ug/l	99
57) 1,3-Dichloropropane	7.934	76	1133268	102.490	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	2963015	504.357	ug/l	100
59) 2-Hexanone	8.066	43	3753379	563.616	ug/l	99
60) Dibromochloromethane	8.169	129	828834	98.625	ug/l	99
61) 1,2-Dibromoethane	8.275	107	749628	100.129	ug/l	99
64) Tetrachloroethene	7.899	164	618996	95.648	ug/l	98
65) Chlorobenzene	8.805	112	1972973	98.252	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	699532	100.233	ug/l	100
67) Ethyl Benzene	8.937	91	3442656	113.500	ug/l	100
68) m/p-Xylenes	9.063	106	2699026	227.242	ug/l	100
69) o-Xylene	9.468	106	1279000	117.233	ug/l	98
70) Styrene	9.484	104	2244271	118.168	ug/l	99
71) Bromoform	9.654	173	604916	106.664	ug/l #	99
73) Isopropylbenzene	9.857	105	3480257	107.305	ug/l	99
74) N-amyl acetate	9.725	43	1431314	114.264	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	1148265	91.237	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	900757	94.346	ug/l	80
77) Bromobenzene	10.140	156	831292	99.078	ug/l	99
78) n-propylbenzene	10.278	91	4227535	108.924	ug/l	100
79) 2-Chlorotoluene	10.349	91	2456532	103.545	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	3035243	110.916	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	427284	109.707	ug/l	97
82) 4-Chlorotoluene	10.461	91	2938656	107.528	ug/l	100
83) tert-Butylbenzene	10.789	119	3029438	110.408	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	3032436	115.216	ug/l	99
85) sec-Butylbenzene	11.014	105	3994980	111.584	ug/l	100
86) p-Isopropyltoluene	11.165	119	3391062	110.879	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	1673284	97.284	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	1702327	91.137	ug/l	100
89) n-Butylbenzene	11.580	91	3300010	114.150	ug/l	99
90) Hexachloroethane	11.821	117	671221	99.782	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	1617571	100.364	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	276783	100.069	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	1111329	111.732	ug/l	100
94) Hexachlorobutadiene	13.371	225	485842	98.302	ug/l	99
95) Naphthalene	13.423	128	3876760	123.985	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	1117118	110.955	ug/l	99

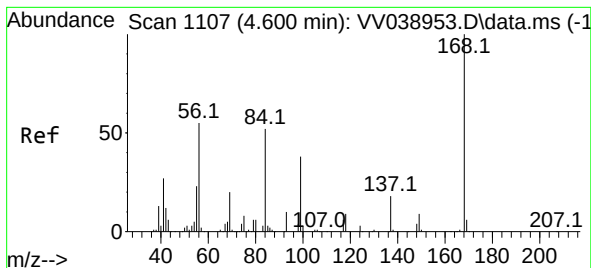
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QLast Update : Thu Aug 14 02:22:00 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

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Instrument :

MSVOA_V

ClientSampleId :

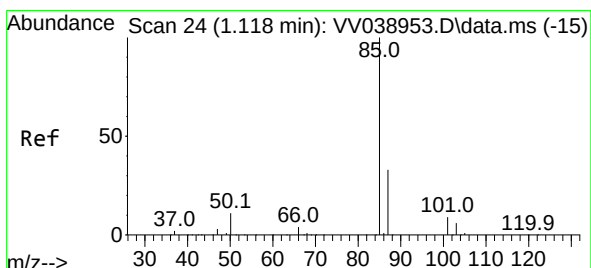
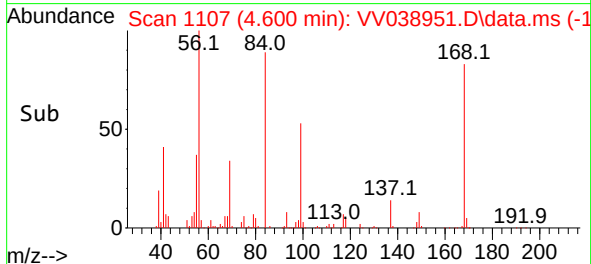
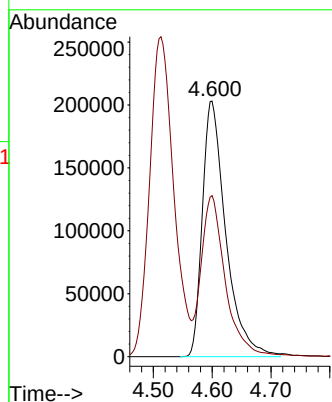
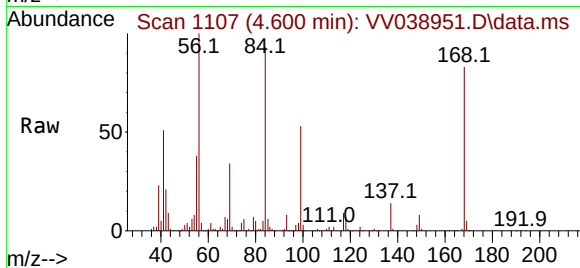
VSTDICC100

Tgt Ion:168 Resp: 562437

Ion Ratio Lower Upper

168 100

99 62.2 48.0 72.0



#2

Dichlorodifluoromethane

Concen: 97.192 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.003 min

Lab File: VV038951.D

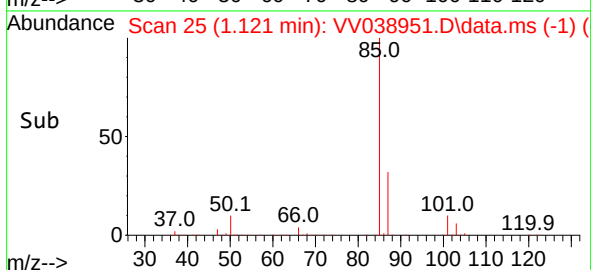
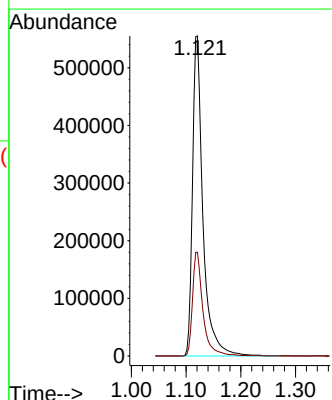
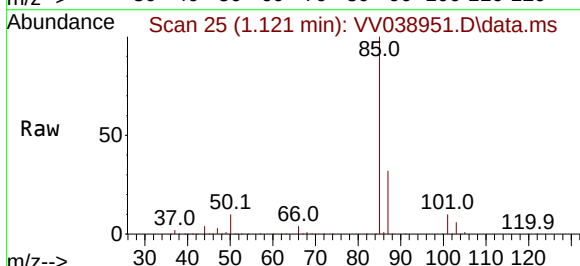
Acq: 13 Aug 2025 14:33

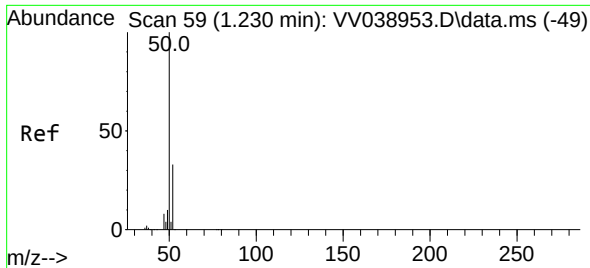
Tgt Ion: 85 Resp: 737205

Ion Ratio Lower Upper

85 100

87 32.4 16.3 48.9

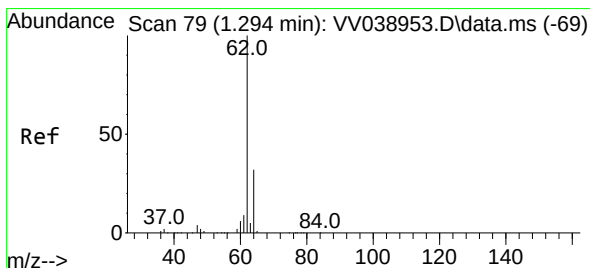
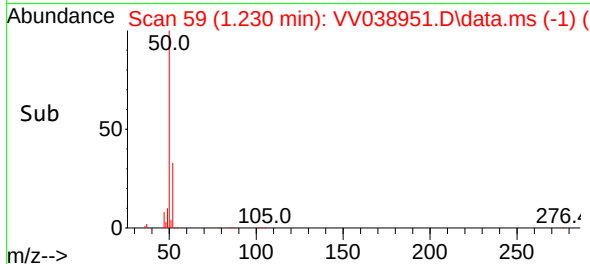
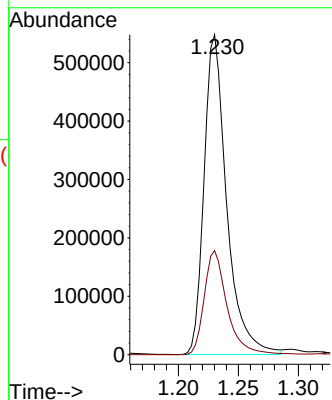
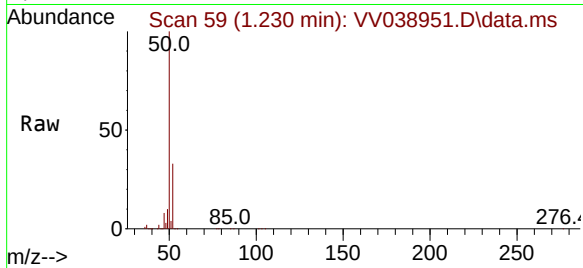




#3
Chloromethane
Concen: 90.193 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

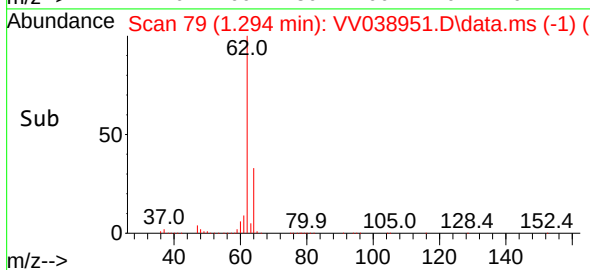
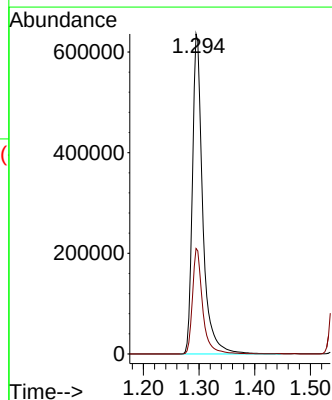
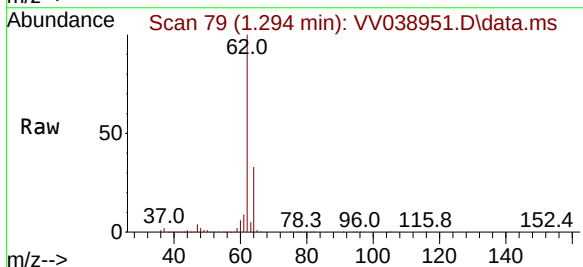
Instrument :
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ClientSampleId :
VSTDICC100

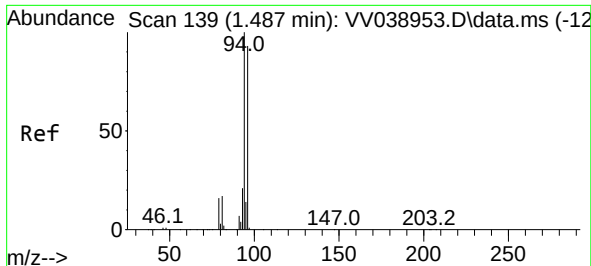
Tgt Ion: 50 Resp: 719357
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 92.884 ug/l
RT: 1.294 min Scan# 79
Delta R.T. 0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 62 Resp: 820326
Ion Ratio Lower Upper
62 100
64 32.9 25.8 38.8

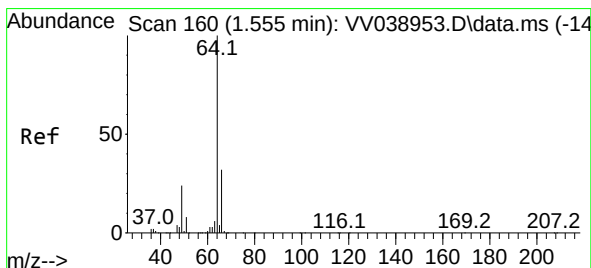
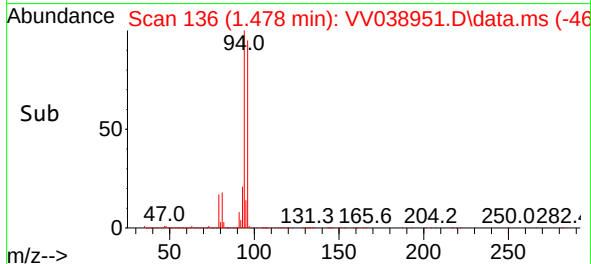
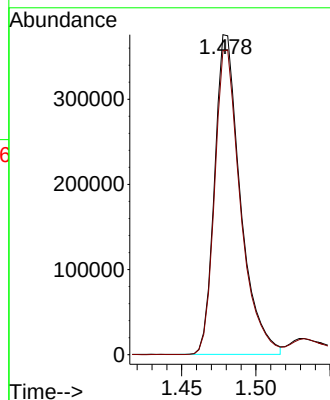
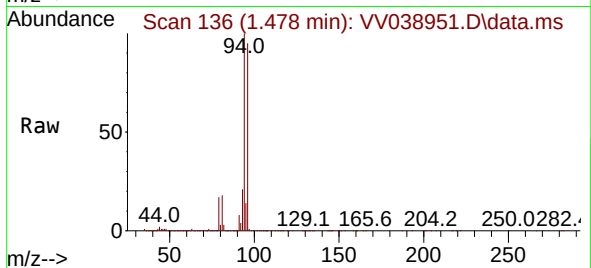




#5
Bromomethane
Concen: 76.827 ug/l
RT: 1.478 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

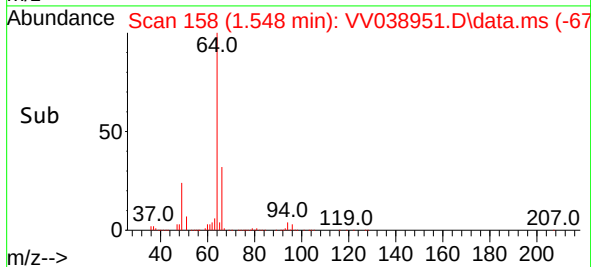
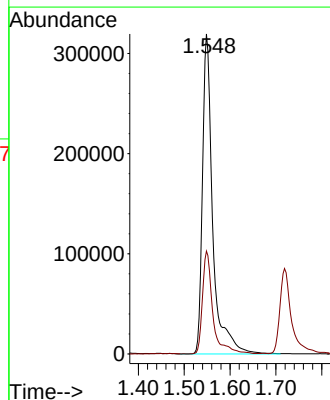
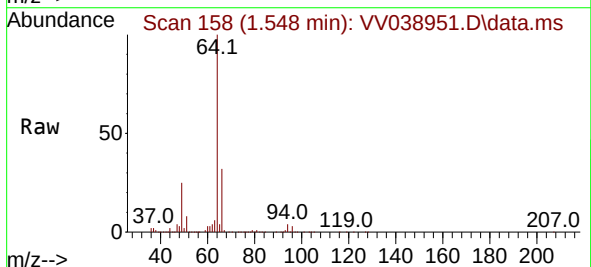
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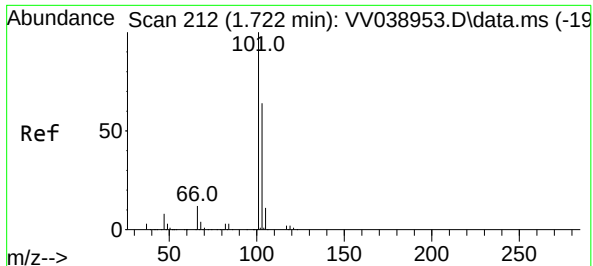
Tgt Ion: 94 Resp: 455843
Ion Ratio Lower Upper
94 100
96 95.0 74.4 111.6



#6
Chloroethane
Concen: 92.597 ug/l
RT: 1.548 min Scan# 158
Delta R.T. -0.006 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 64 Resp: 498331
Ion Ratio Lower Upper
64 100
66 32.1 25.8 38.8

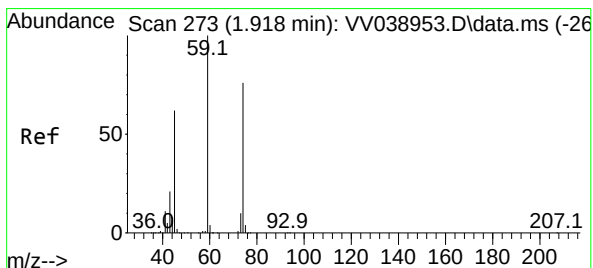
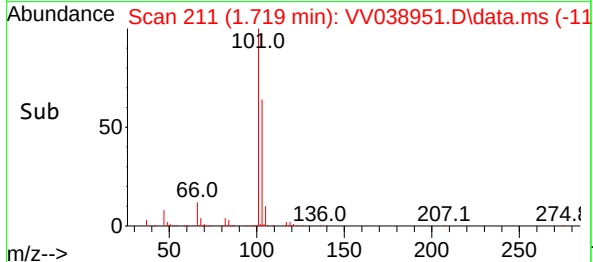
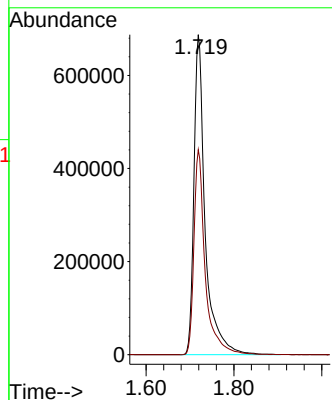
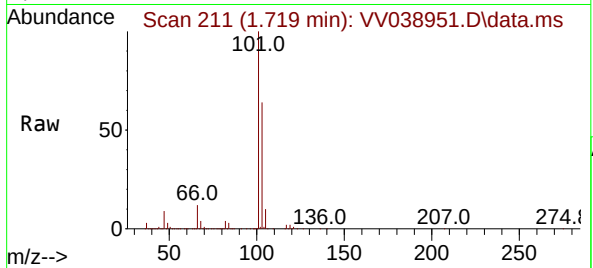




#7
Trichlorofluoromethane
Concen: 104.929 ug/l
RT: 1.719 min Scan# 211
Delta R.T. -0.003 min
Lab File: VV038951.D
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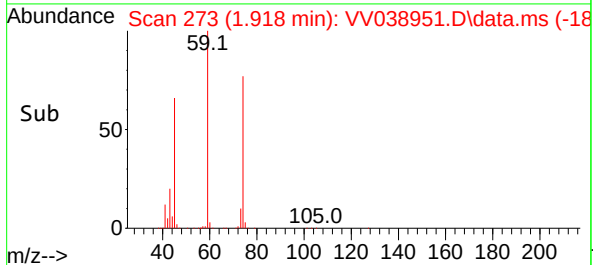
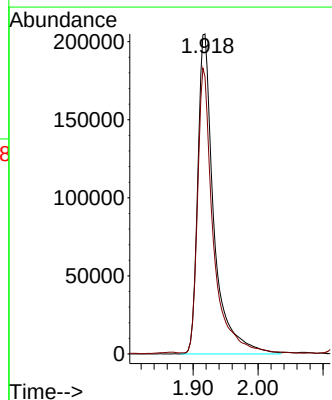
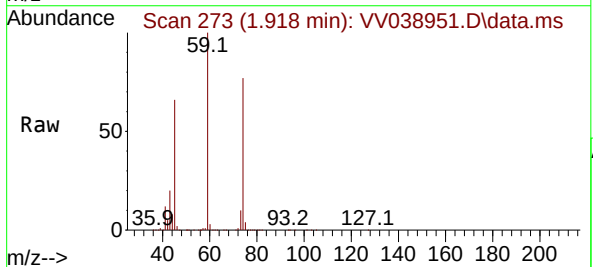
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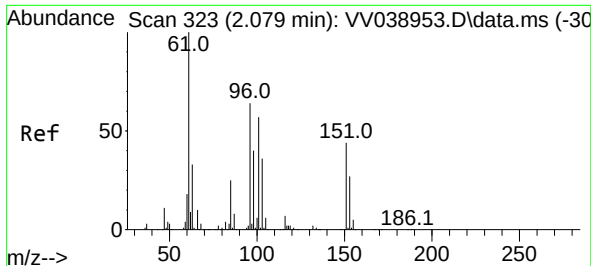
Tgt Ion:101 Resp: 1215800
Ion Ratio Lower Upper
101 100
103 64.0 51.0 76.4



#8
Diethyl Ether
Concen: 97.764 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 74 Resp: 355225
Ion Ratio Lower Upper
74 100
45 86.1 39.5 118.3

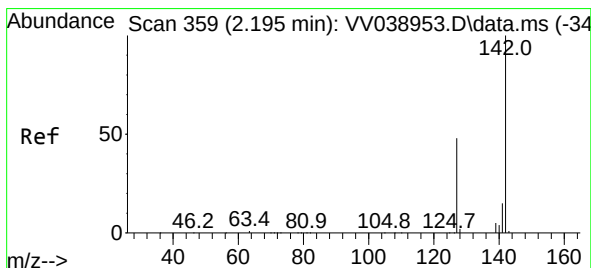
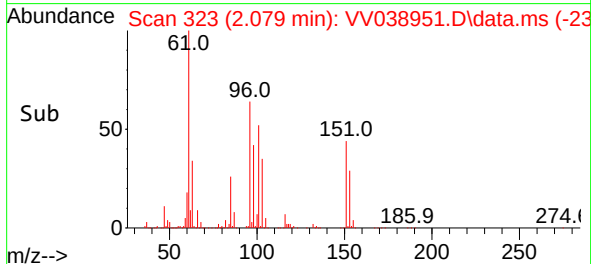
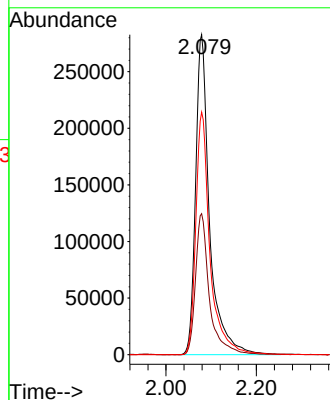
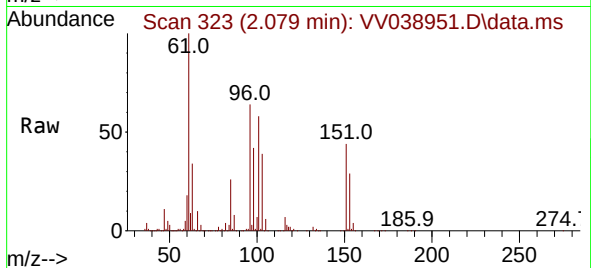




#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.905 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038951.D
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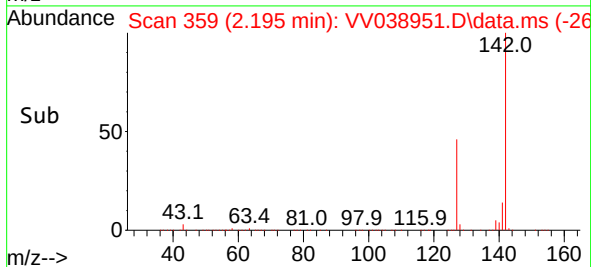
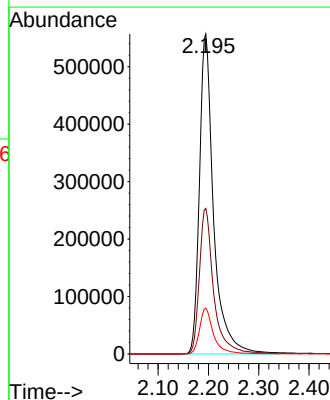
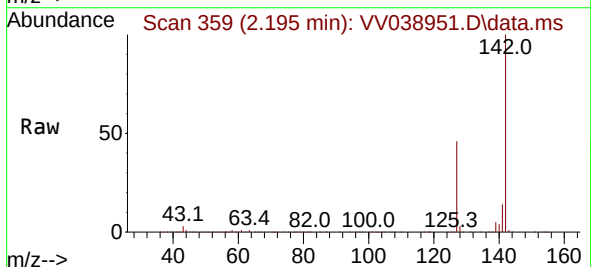
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

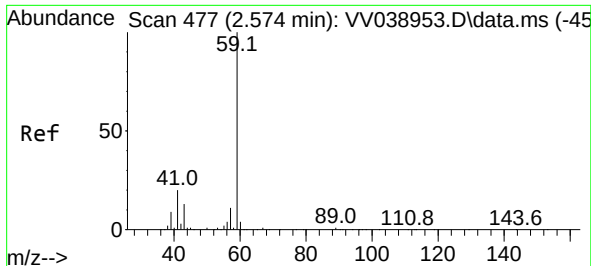
Tgt Ion:101 Resp: 607150
Ion Ratio Lower Upper
101 100
85 43.9 34.7 52.1
151 76.9 60.4 90.6



#10
Methyl Iodide
Concen: 127.245 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion:142 Resp: 1091490
Ion Ratio Lower Upper
142 100
127 46.0 37.7 56.5
141 14.2 11.4 17.2

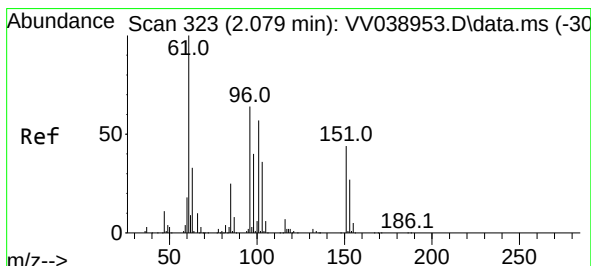
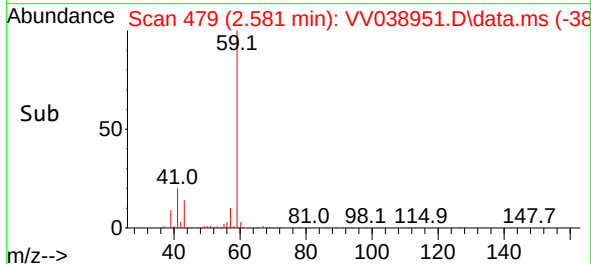
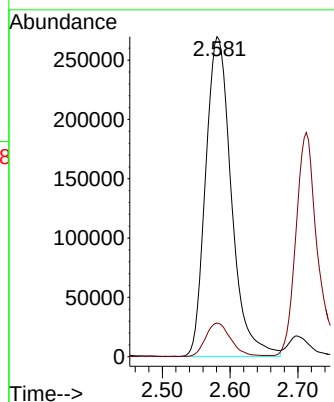
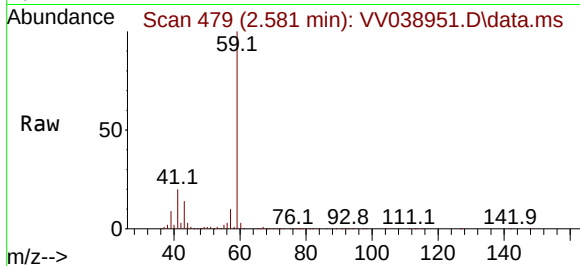




#11
Tert butyl alcohol
Concen: 464.584 ug/l
RT: 2.581 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

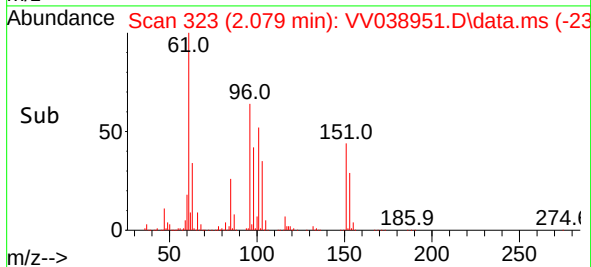
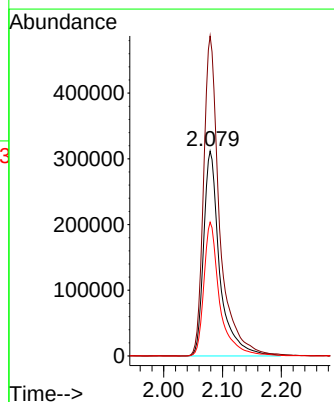
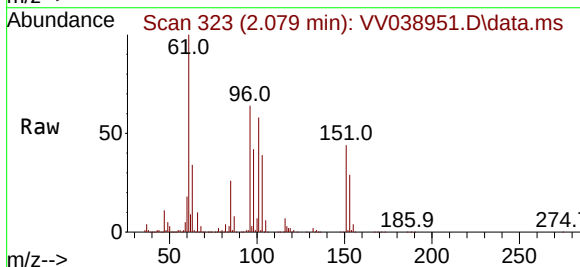
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

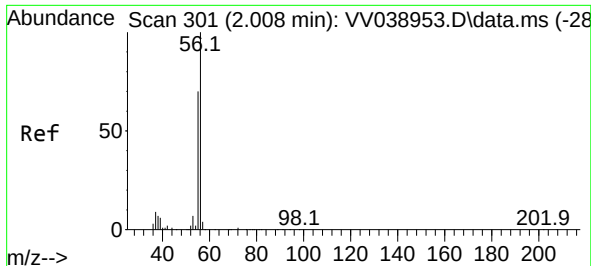
Tgt Ion: 59 Resp: 711490
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 94.659 ug/l
RT: 2.079 min Scan# 323
Delta R.T. 0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 96 Resp: 594117
Ion Ratio Lower Upper
96 100
61 156.3 125.0 187.4
98 65.4 49.8 74.8

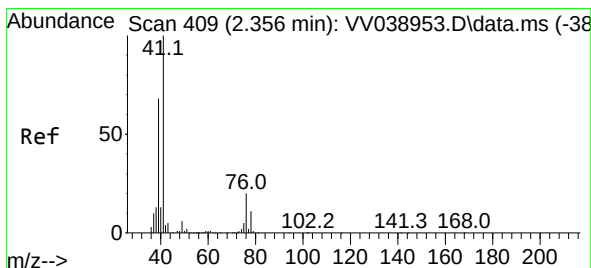
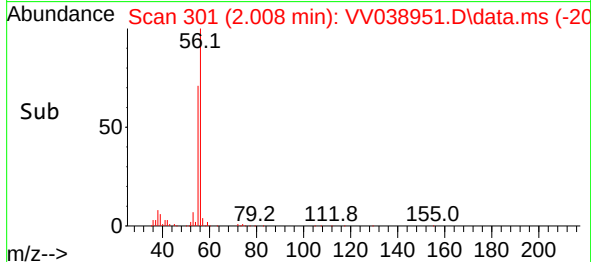
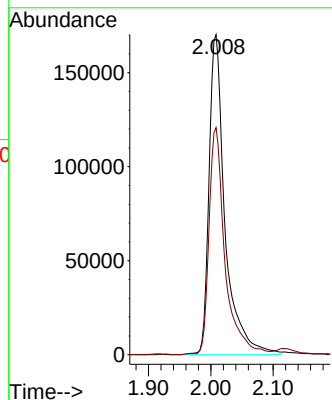
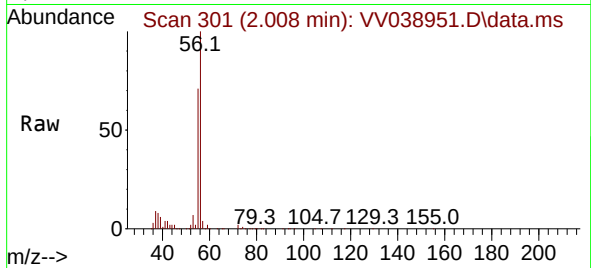




#13
Acrolein
Concen: 499.879 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

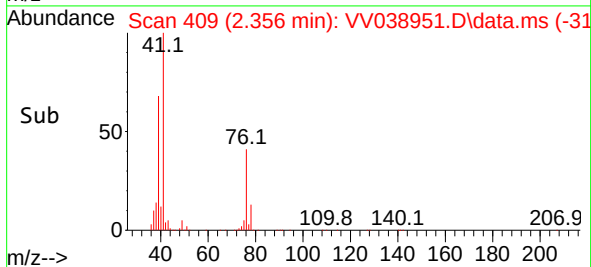
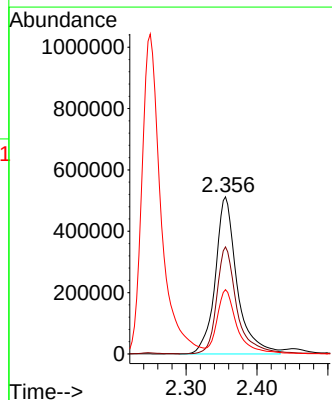
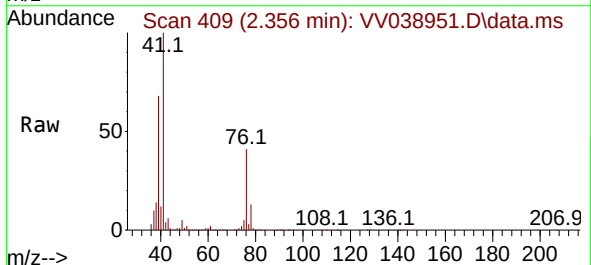
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

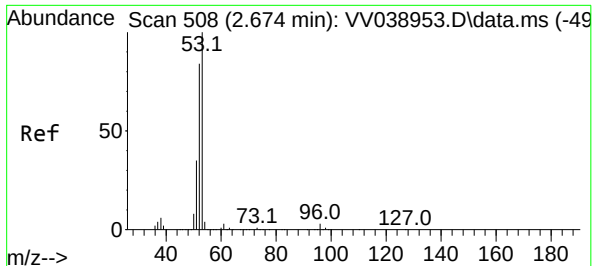
Tgt Ion: 56 Resp: 303352
Ion Ratio Lower Upper
56 100
55 71.1 55.5 83.3



#14
Allyl chloride
Concen: 100.454 ug/l
RT: 2.356 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 41 Resp: 1091369
Ion Ratio Lower Upper
41 100
39 63.6 49.8 74.6
76 37.9 29.4 44.2



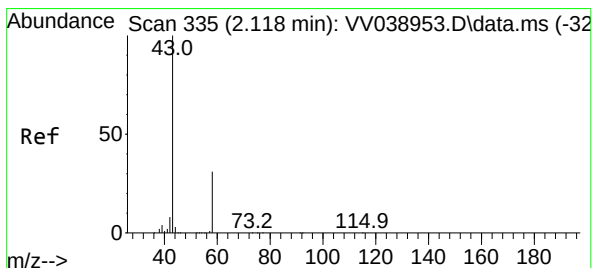
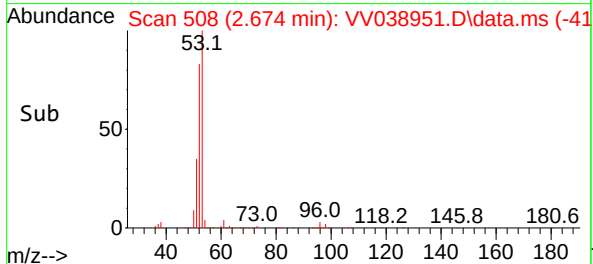
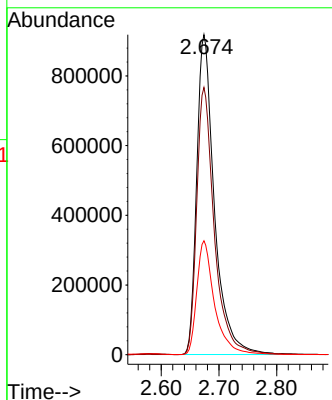
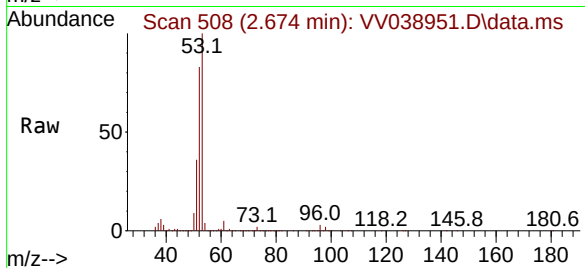


#15
Acrylonitrile
Concen: 455.061 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 53 Resp: 1955569

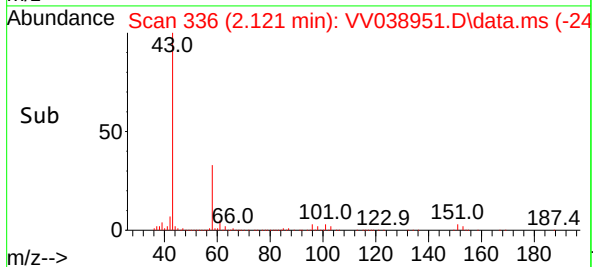
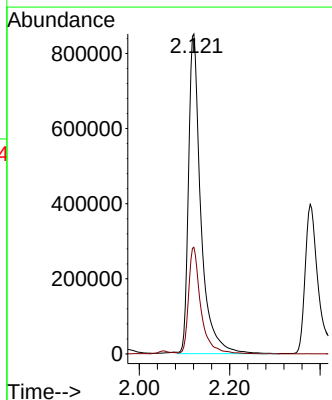
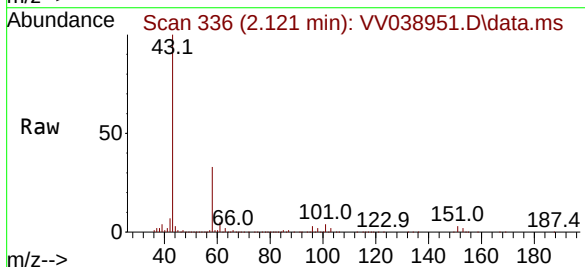
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	99.8
51	35.7	28.5	42.7

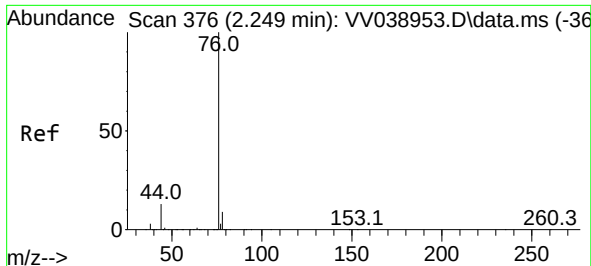


#16
Acetone
Concen: 507.540 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 43 Resp: 1611592

Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.3	37.9

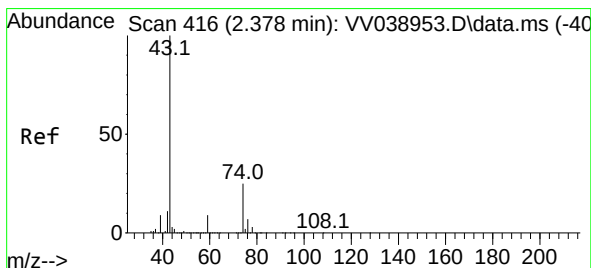
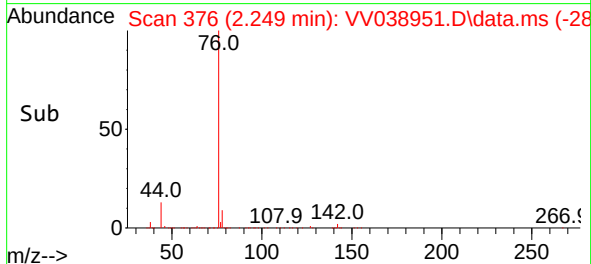
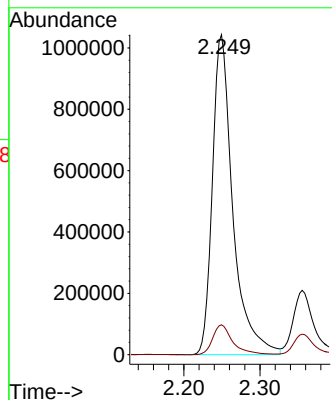
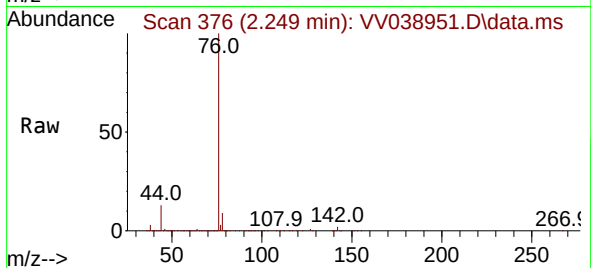




#17
Carbon Disulfide
Concen: 99.289 ug/l
RT: 2.249 min Scan# 376
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

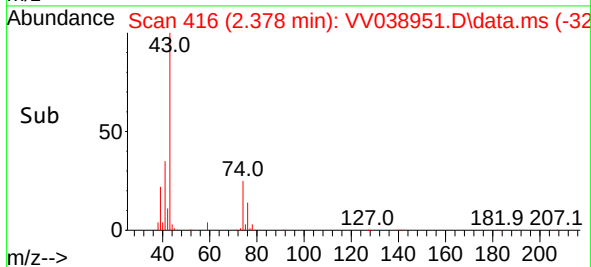
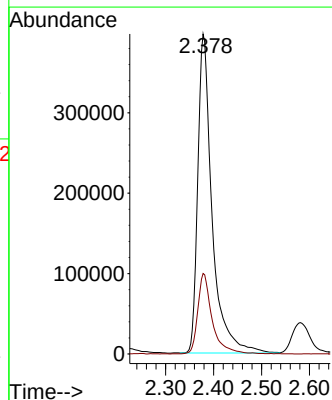
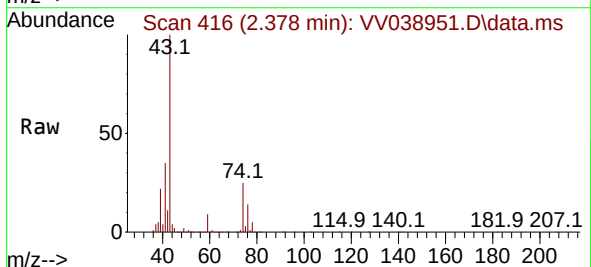
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

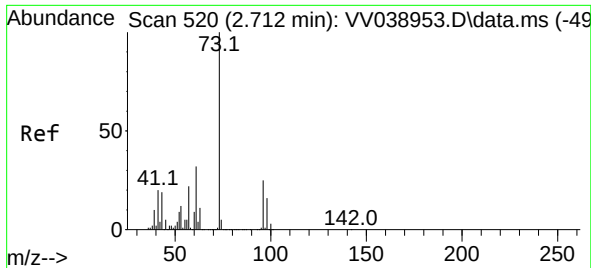
Tgt Ion: 76 Resp: 1946773
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 99.890 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 43 Resp: 823305
Ion Ratio Lower Upper
43 100
74 25.1 20.3 30.5

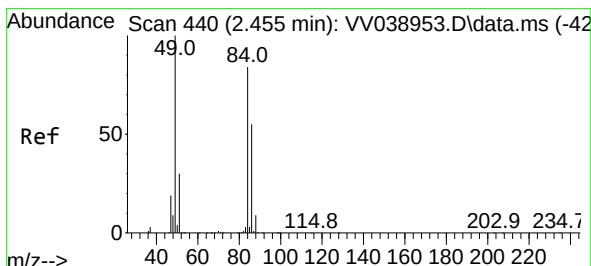
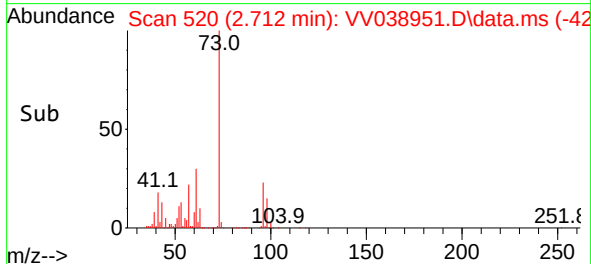
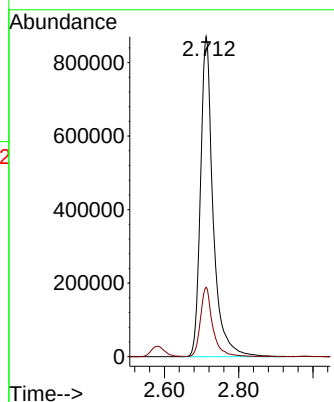
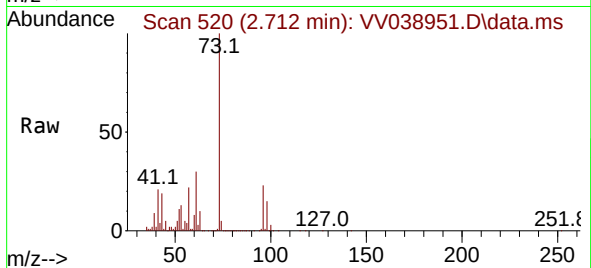




#19
Methyl tert-butyl Ether
Concen: 90.202 ug/l
RT: 2.712 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

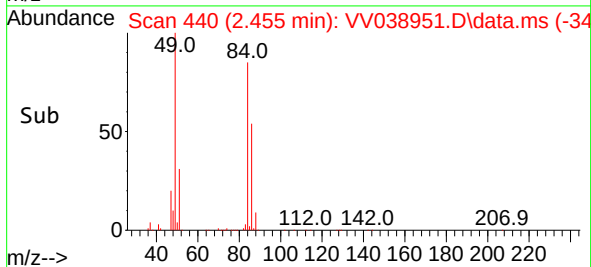
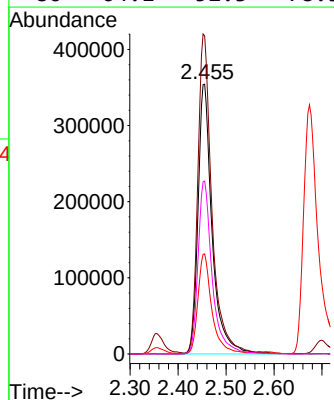
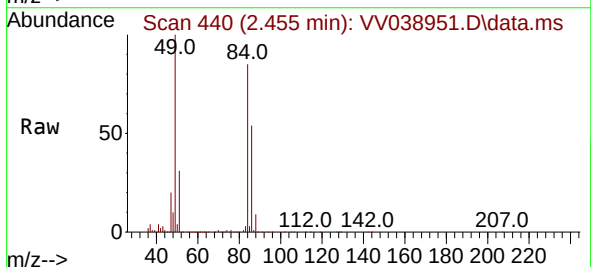
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

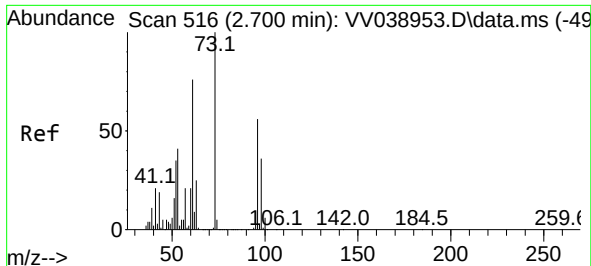
Tgt Ion: 73 Resp: 2053284
Ion Ratio Lower Upper
73 100
57 21.7 18.0 27.0



#20
Methylene Chloride
Concen: 99.948 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 84 Resp: 721582
Ion Ratio Lower Upper
84 100
49 117.6 95.8 143.6
51 36.9 29.0 43.4
86 64.1 52.3 78.5

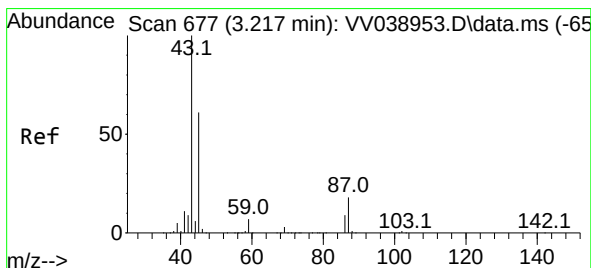
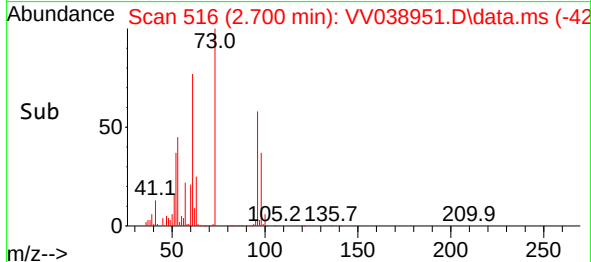
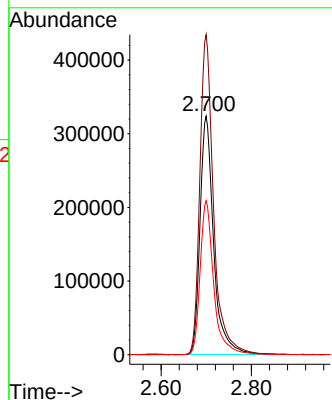
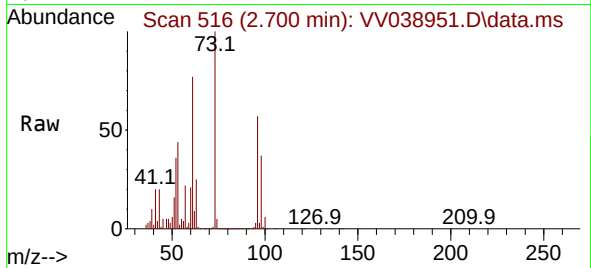




#21
trans-1,2-Dichloroethene
Concen: 88.335 ug/l
RT: 2.700 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

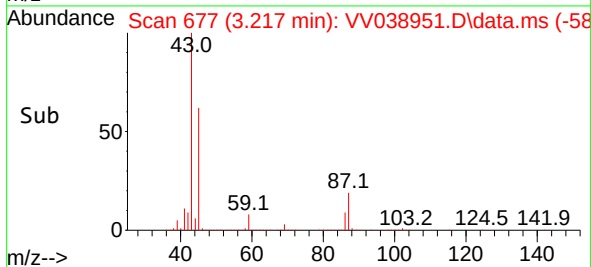
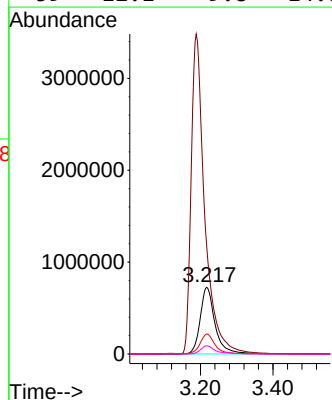
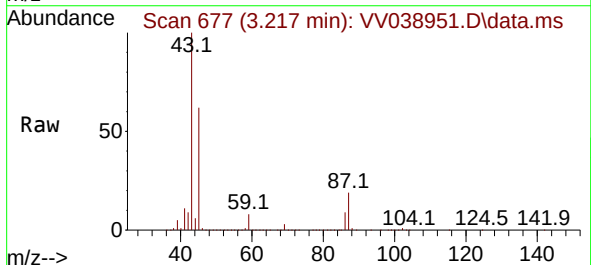
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

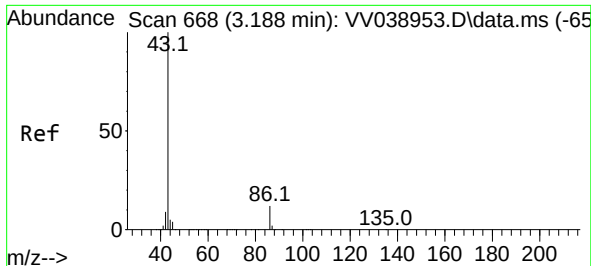
Tgt Ion: 96 Resp: 679657
Ion Ratio Lower Upper
96 100
61 134.1 108.2 162.4
98 64.6 51.7 77.5



#22
Diisopropyl ether
Concen: 99.644 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 45 Resp: 2060001
Ion Ratio Lower Upper
45 100
43 160.8 132.2 198.2
87 29.9 24.1 36.1
59 12.1 9.8 14.8

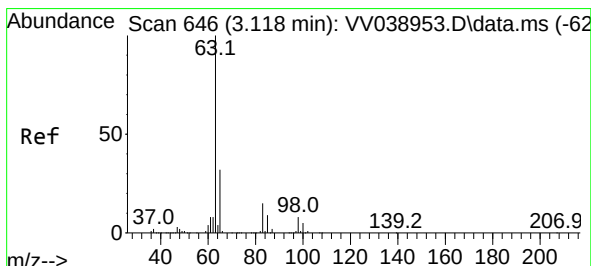
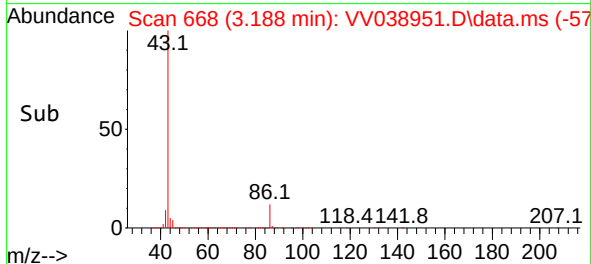
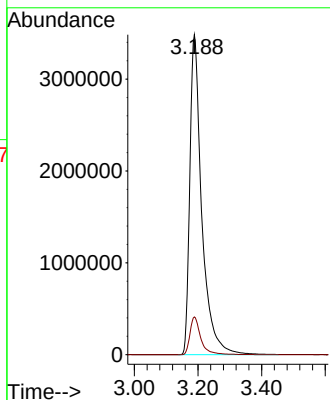
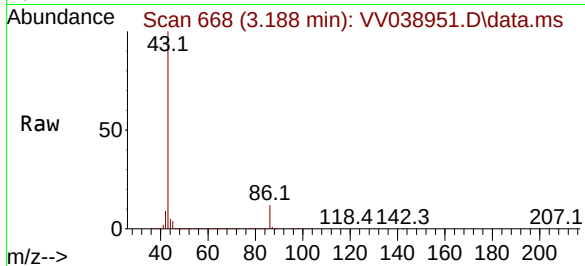




#23
 Vinyl Acetate
 Concen: 523.113 ug/l
 RT: 3.188 min Scan# 668
 Delta R.T. -0.000 min
 Lab File: VV038951.D
 Acq: 13 Aug 2025 14:33

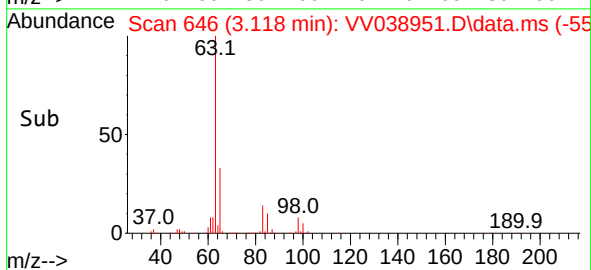
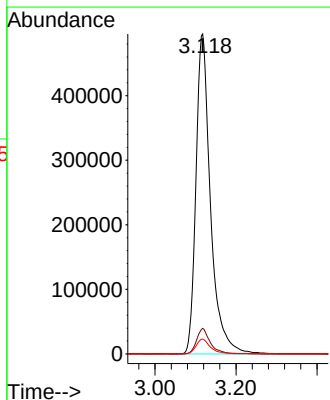
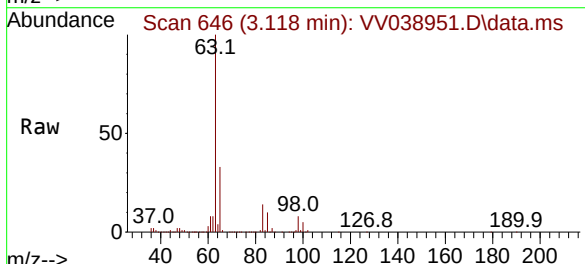
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

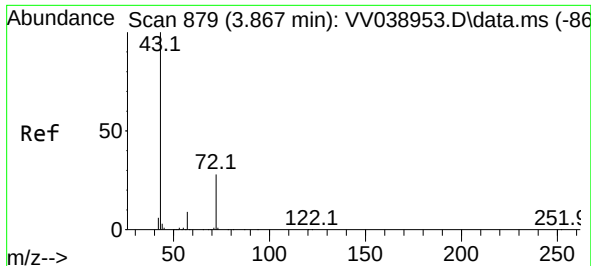
Tgt Ion: 43 Resp: 9083322
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 95.598 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV038951.D
 Acq: 13 Aug 2025 14:33

Tgt Ion: 63 Resp: 1236759
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.4
 100 4.7 2.6 7.8

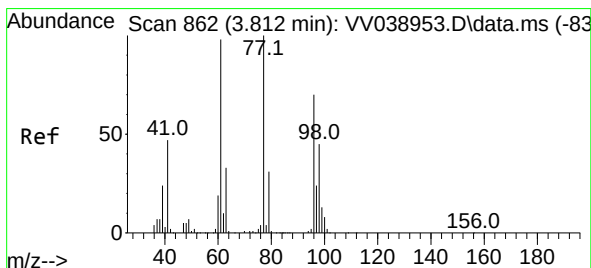
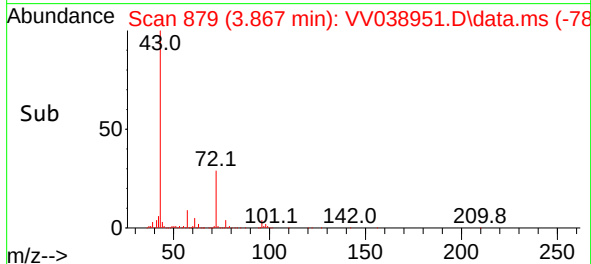
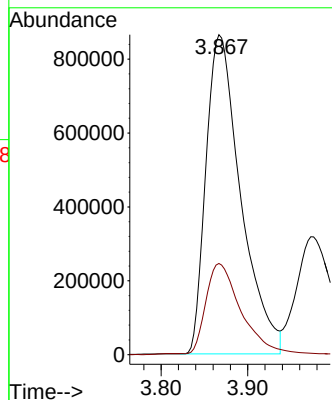
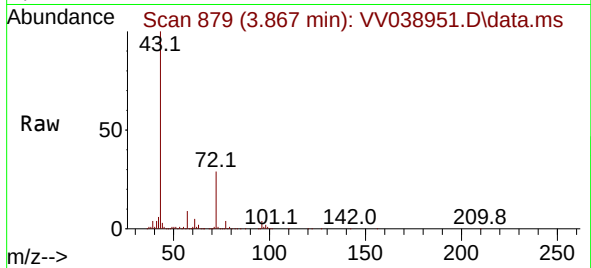




#25
2-Butanone
Concen: 508.789 ug/l
RT: 3.867 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

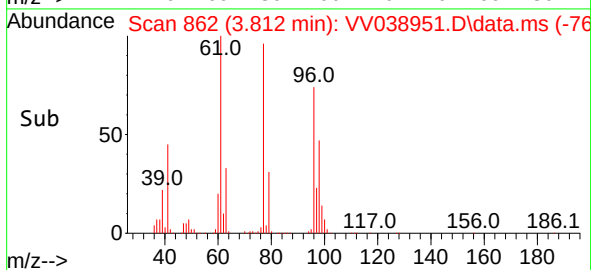
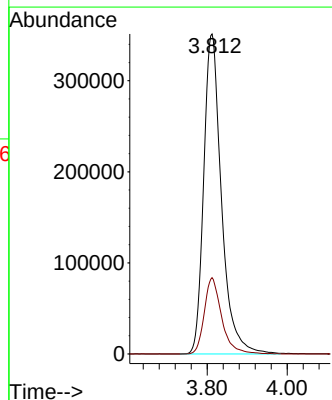
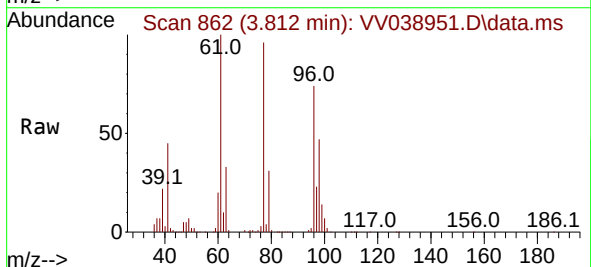
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

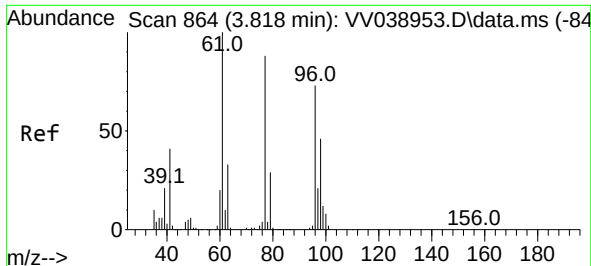
Tgt Ion: 43 Resp: 2412826
Ion Ratio Lower Upper
43 100
72 28.2 22.5 33.7



#26
2,2-Dichloropropane
Concen: 95.758 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 77 Resp: 1086715
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.1



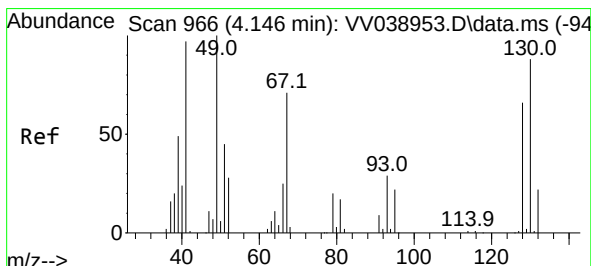
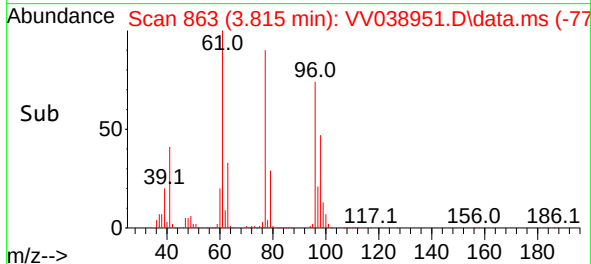
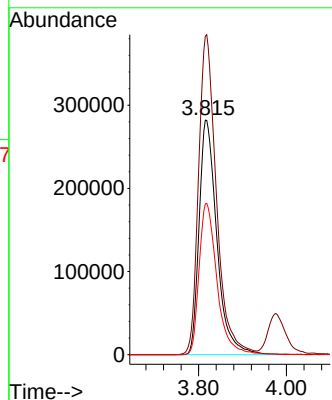
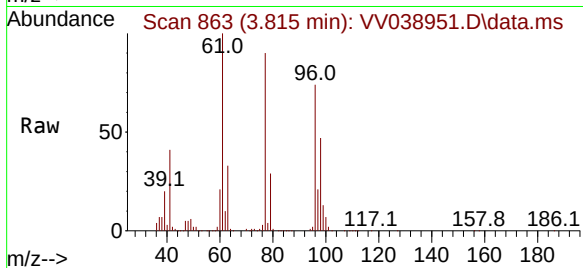


#27
 cis-1,2-Dichloroethene
 Concen: 99.687 ug/l
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV038951.D
 Acq: 13 Aug 2025 14:33

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 791169

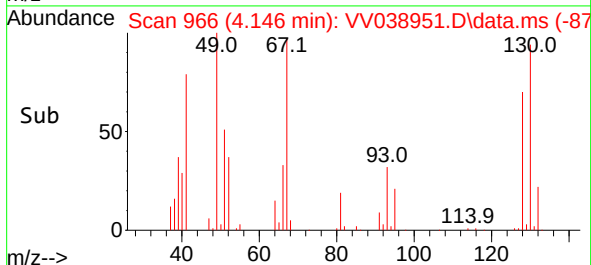
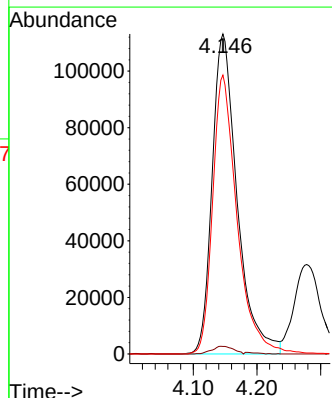
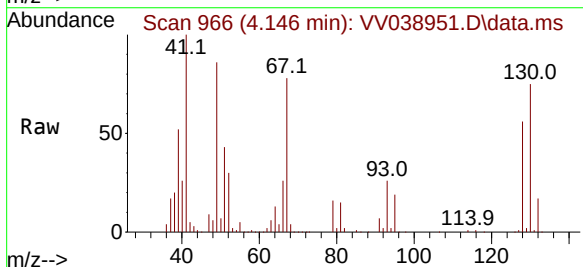
Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	280.2
98	65.1	0.0	129.2

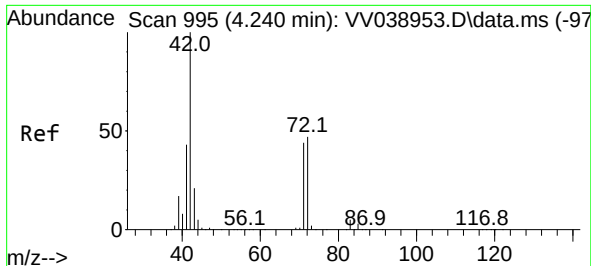


#28
 Bromochloromethane
 Concen: 87.339 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. -0.000 min
 Lab File: VV038951.D
 Acq: 13 Aug 2025 14:33

Tgt Ion: 49 Resp: 308893

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	85.1	68.2	102.2





#29

Tetrahydrofuran

Concen: 516.482 ug/l

RT: 4.236 min Scan# 995

Delta R.T. -0.003 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

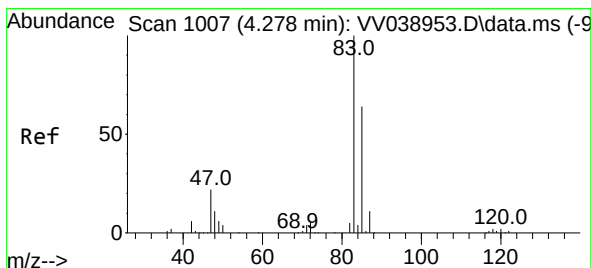
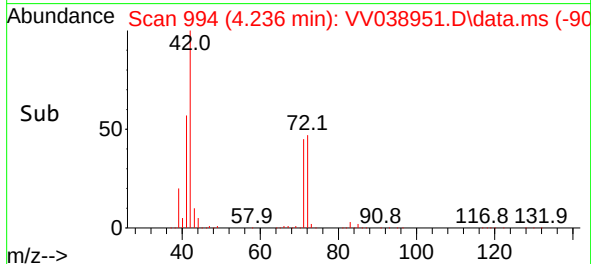
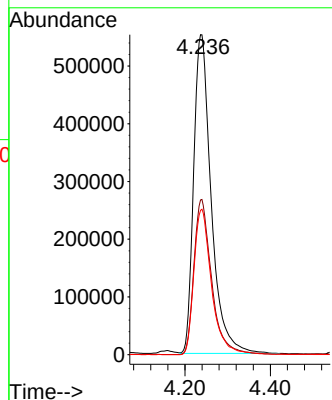
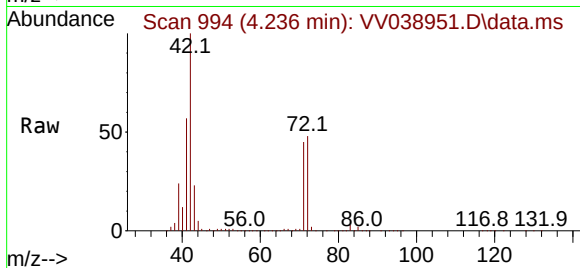
Tgt Ion: 42 Resp: 1577679

Ion Ratio Lower Upper

42 100

72 49.1 39.4 59.2

71 46.0 36.8 55.2



#30

Chloroform

Concen: 92.359 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV038951.D

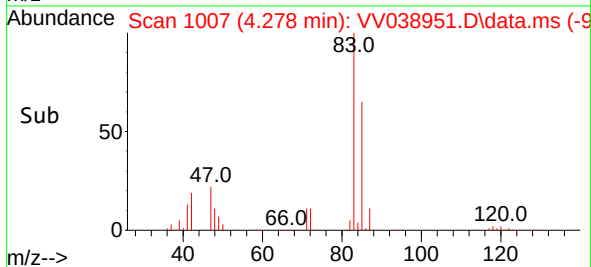
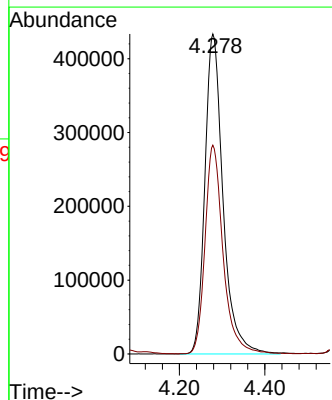
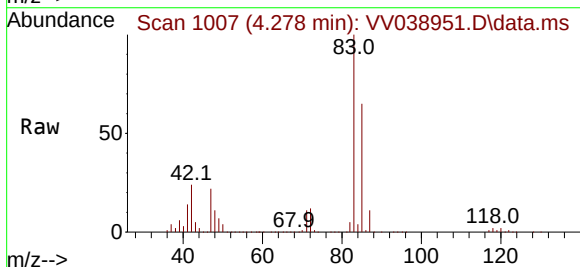
Acq: 13 Aug 2025 14:33

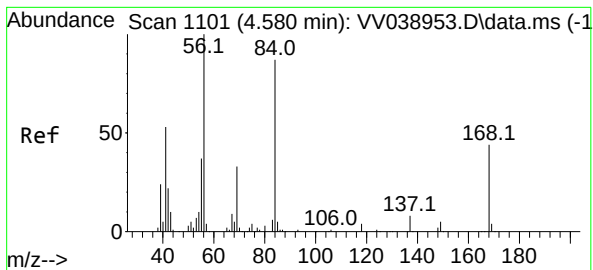
Tgt Ion: 83 Resp: 1276886

Ion Ratio Lower Upper

83 100

85 65.2 51.4 77.0

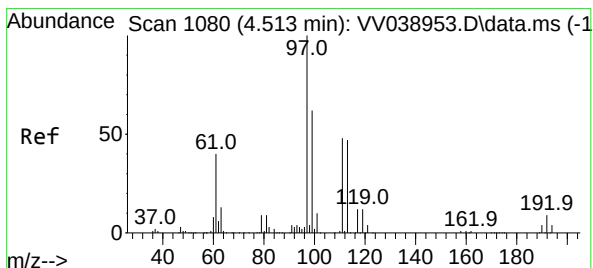
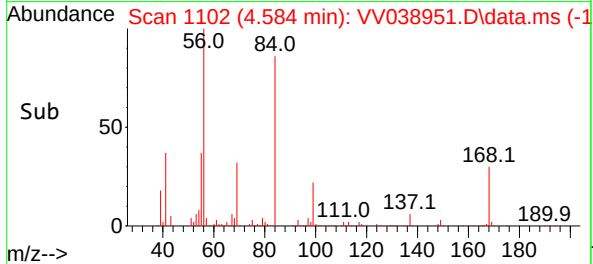
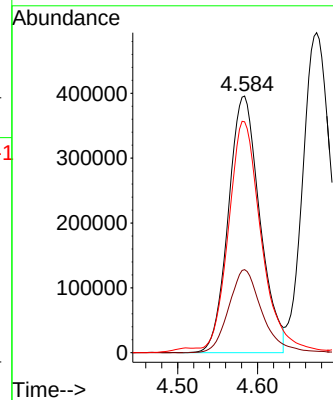
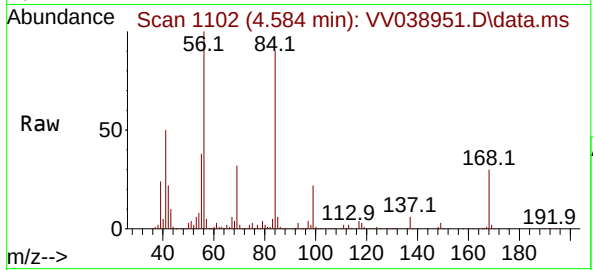




#31
Cyclohexane
Concen: 95.494 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

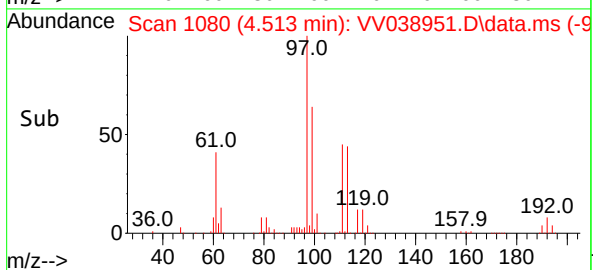
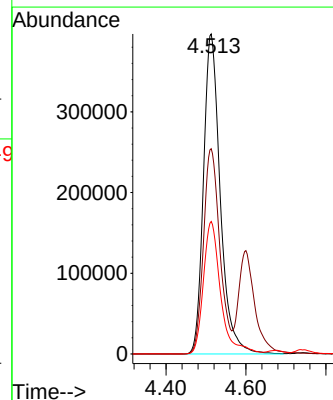
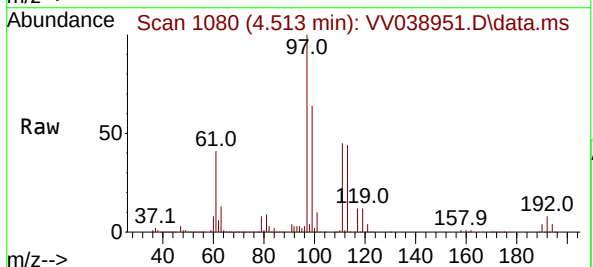
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

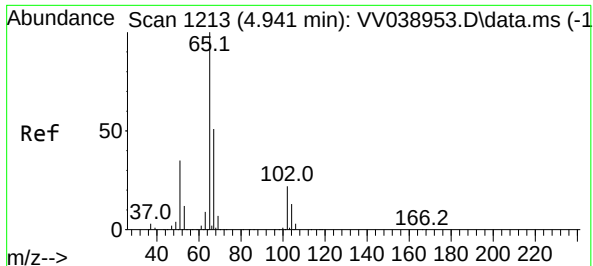
Tgt Ion: 56 Resp: 1083899
Ion Ratio Lower Upper
56 100
69 32.4 26.2 39.4
84 88.2 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 93.181 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 97 Resp: 1161332
Ion Ratio Lower Upper
97 100
99 62.2 49.2 73.8
61 42.5 32.0 48.0





#33

1,2-Dichloroethane-d4

Concen: 95.931 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

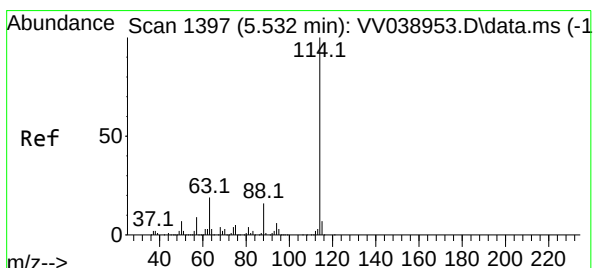
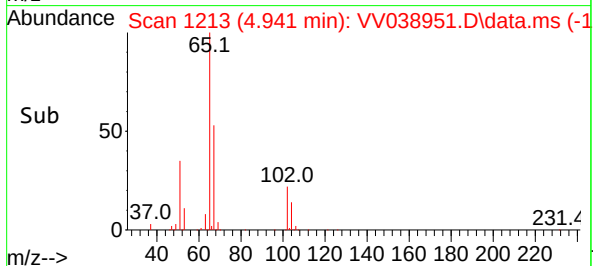
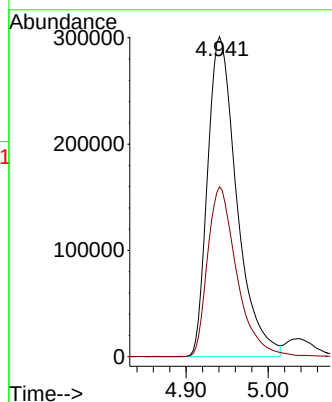
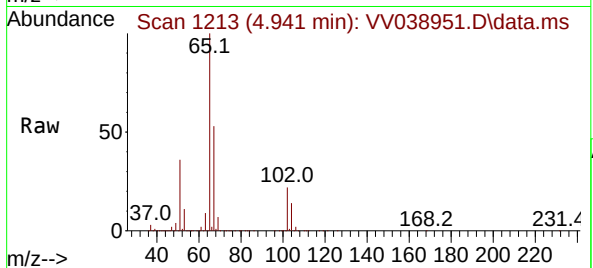
VSTDICC100

Tgt Ion: 65 Resp: 744157

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

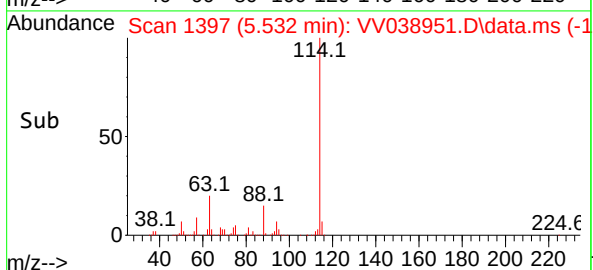
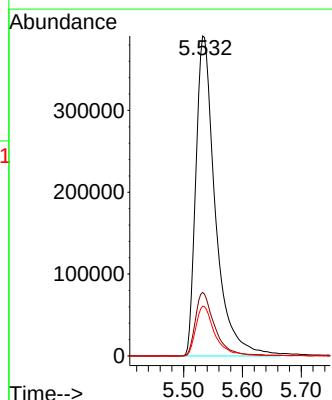
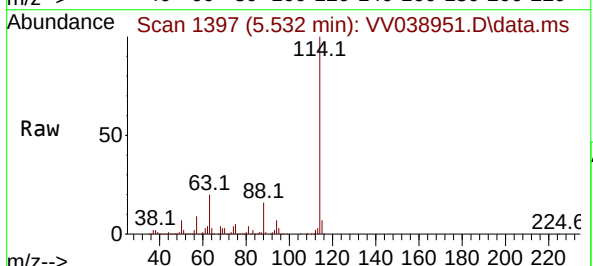
Tgt Ion: 114 Resp: 898797

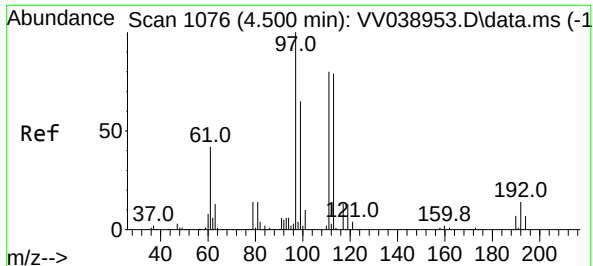
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 99.021 ug/l

RT: 4.500 min Scan# 110

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

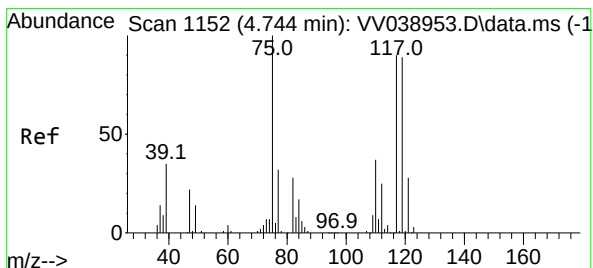
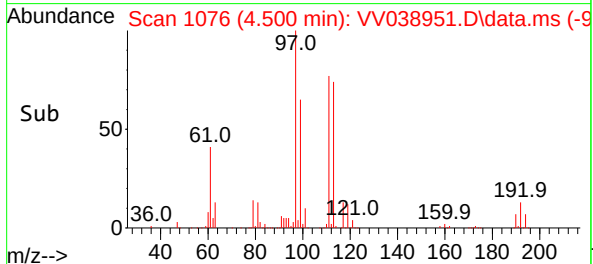
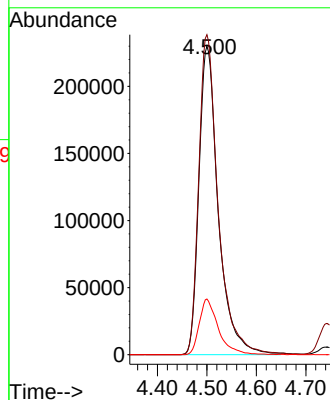
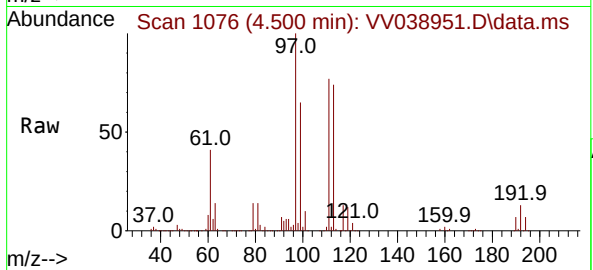
Tgt Ion:113 Resp: 626972

Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

192 17.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 105.522 ug/l

RT: 4.741 min Scan# 1151

Delta R.T. -0.003 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

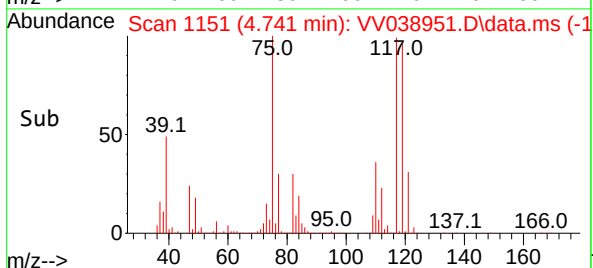
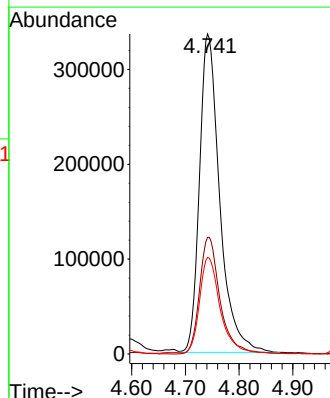
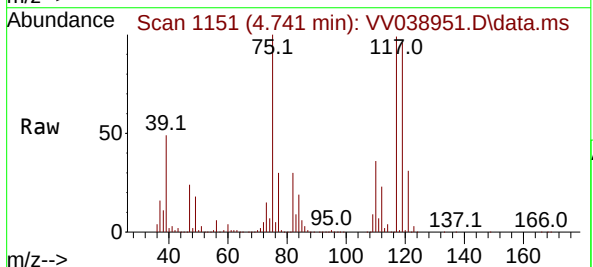
Tgt Ion: 75 Resp: 878719

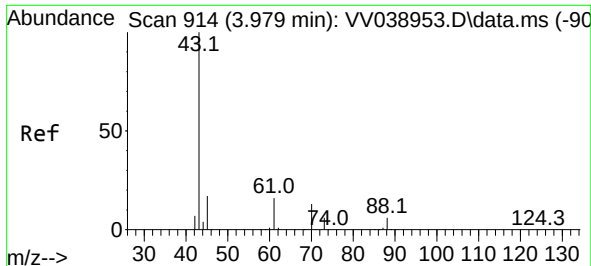
Ion Ratio Lower Upper

75 100

110 37.3 18.3 54.8

77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 96.935 ug/l

RT: 3.973 min Scan# 914

Delta R.T. -0.006 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

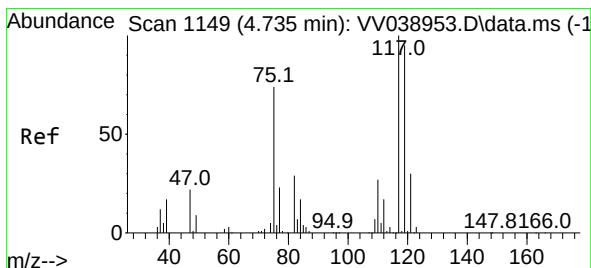
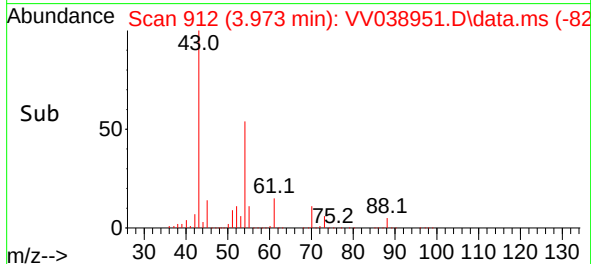
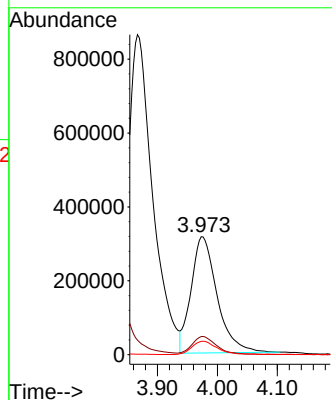
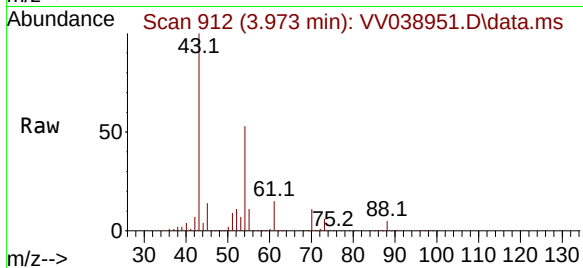
Tgt Ion: 43 Resp: 950183

Ion Ratio Lower Upper

43 100

61 13.8 11.1 16.7

70 10.9 8.4 12.6



#38

Carbon Tetrachloride

Concen: 102.765 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

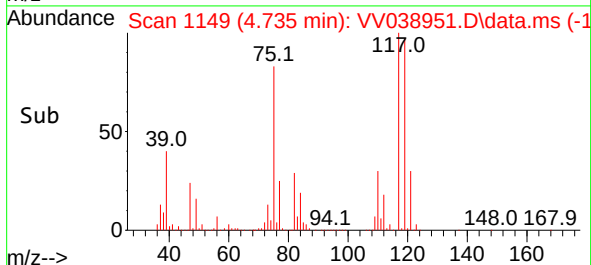
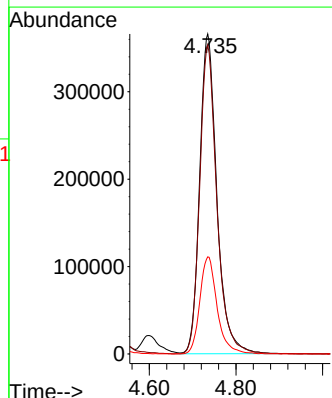
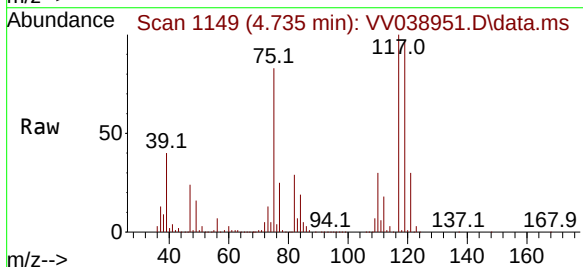
Tgt Ion: 117 Resp: 1008885

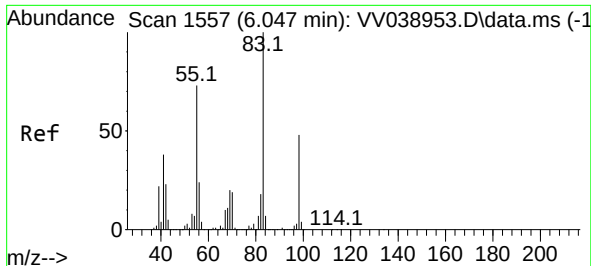
Ion Ratio Lower Upper

117 100

119 96.6 75.4 113.0

121 30.4 23.8 35.8





#39

Methylcyclohexane

Concen: 111.038 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

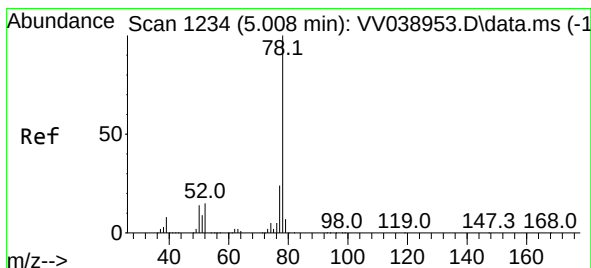
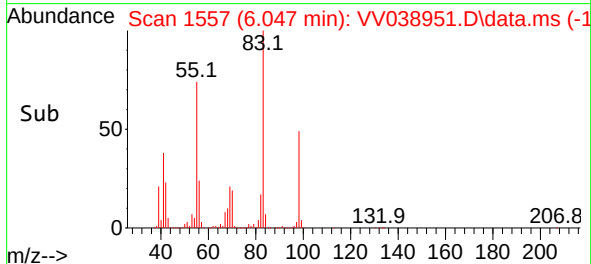
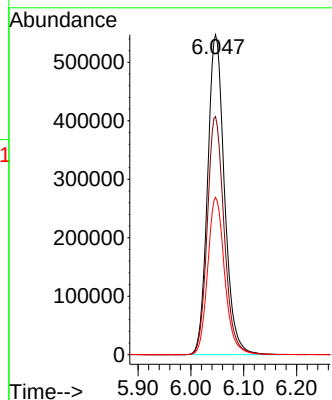
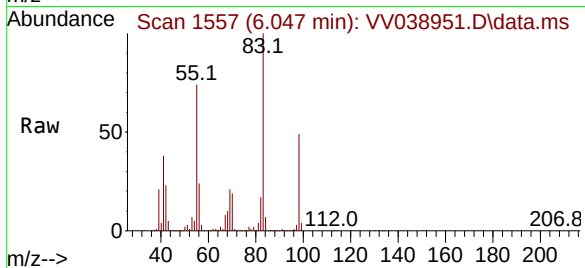
Tgt Ion: 83 Resp: 1214987

Ion Ratio Lower Upper

83 100

55 74.4 58.4 87.6

98 49.1 38.6 57.8



#40

Benzene

Concen: 100.000 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VV038951.D

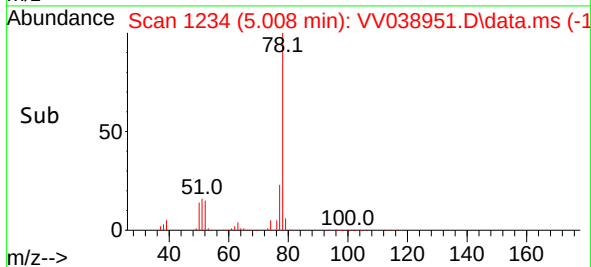
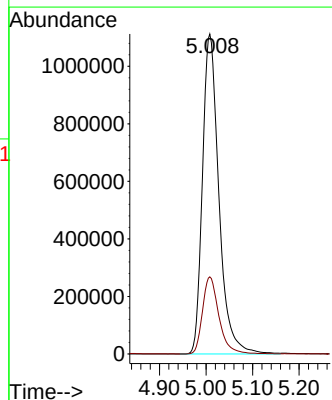
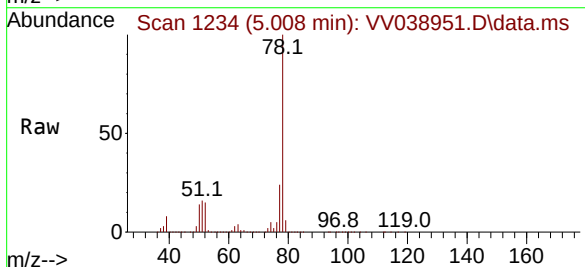
Acq: 13 Aug 2025 14:33

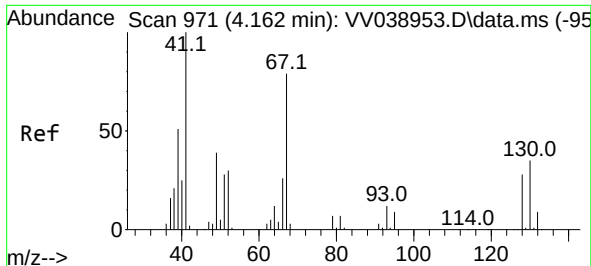
Tgt Ion: 78 Resp: 2729534

Ion Ratio Lower Upper

78 100

77 24.1 18.8 28.2



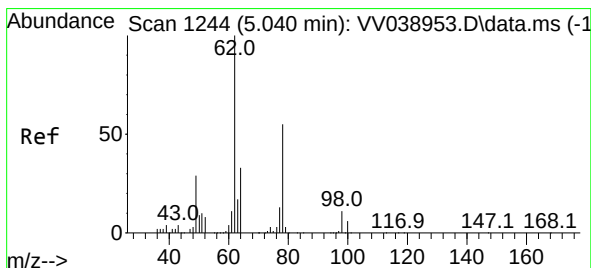
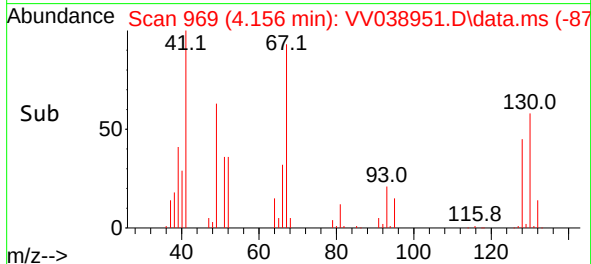
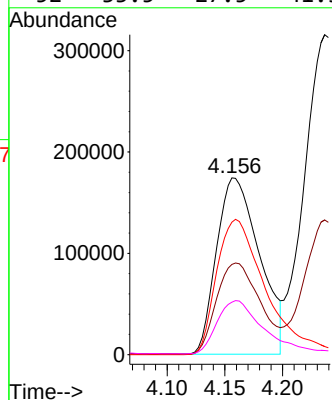
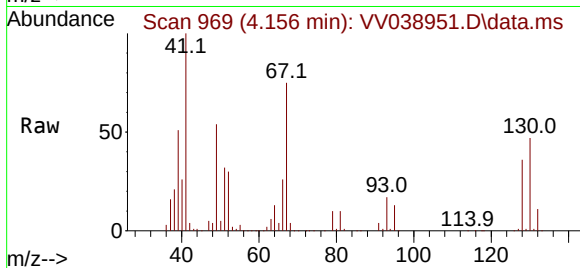


#41
Methacrylonitrile
Concen: 120.393 ug/l
RT: 4.156 min Scan# 91
Delta R.T. -0.006 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 451455

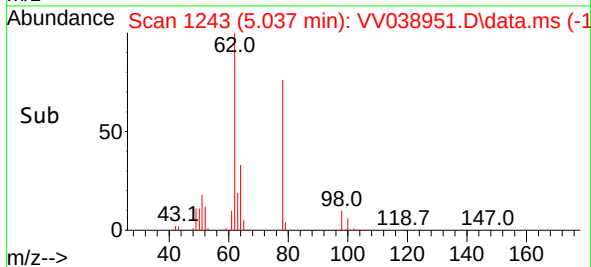
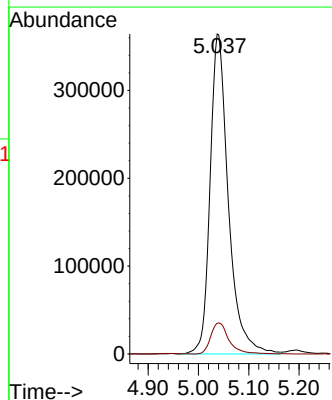
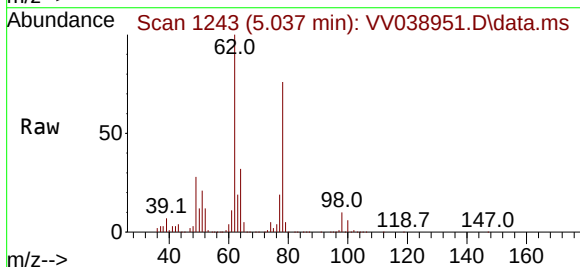
Ion	Ratio	Lower	Upper
41	100		
39	52.3	41.4	62.2
67	89.6	72.0	108.0
52	33.5	27.5	41.3

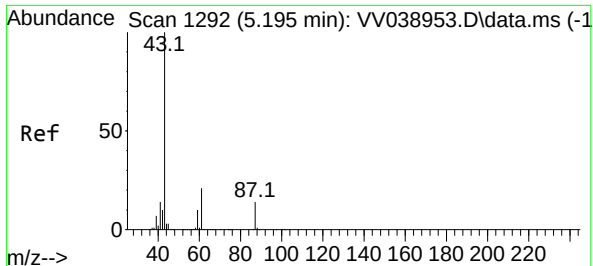


#42
1,2-Dichloroethane
Concen: 97.868 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 62 Resp: 919930

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8

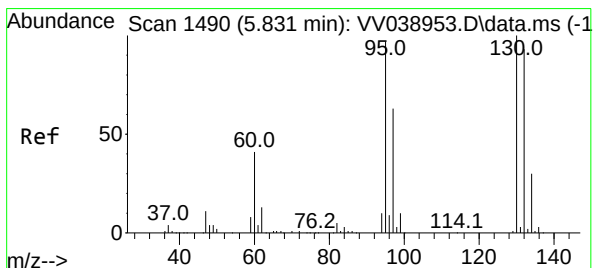
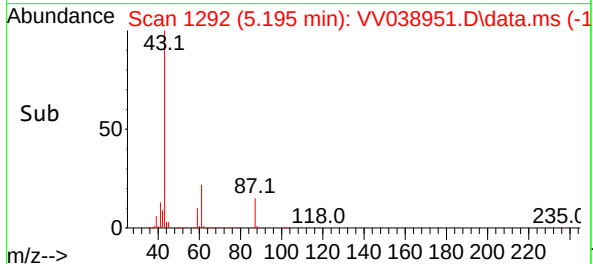
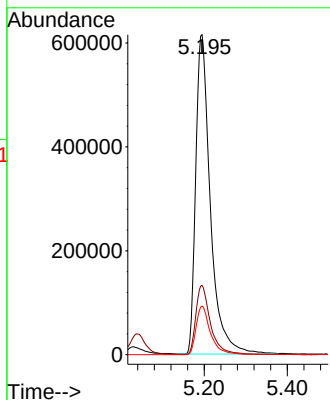
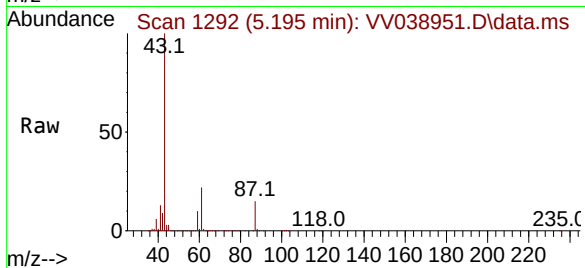




#43
Isopropyl Acetate
Concen: 113.339 ug/l
RT: 5.195 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

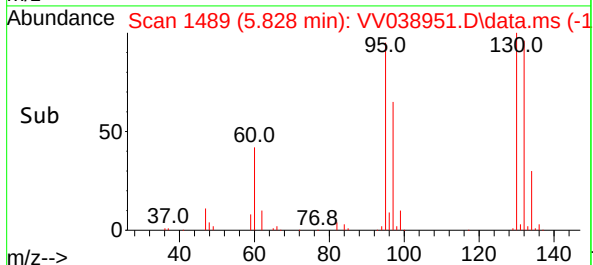
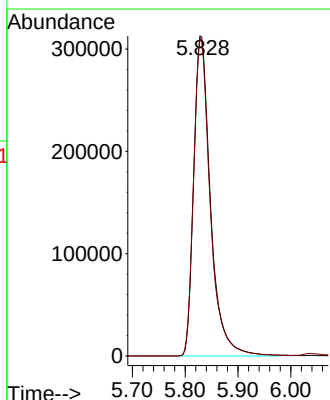
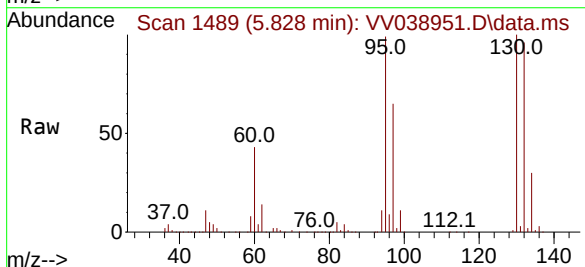
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

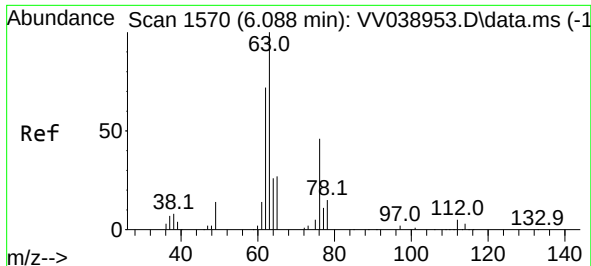
Tgt Ion: 43 Resp: 1505245
Ion Ratio Lower Upper
43 100
61 21.5 17.0 25.6
87 14.8 11.3 16.9



#44
Trichloroethene
Concen: 97.796 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion:130 Resp: 690961
Ion Ratio Lower Upper
130 100
95 99.3 0.0 193.4

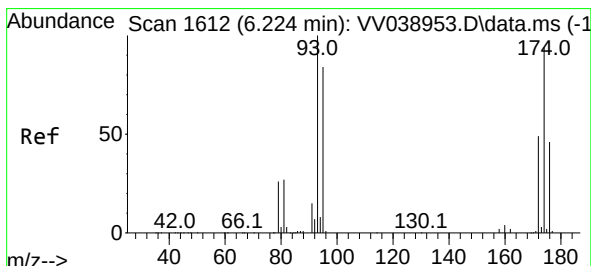
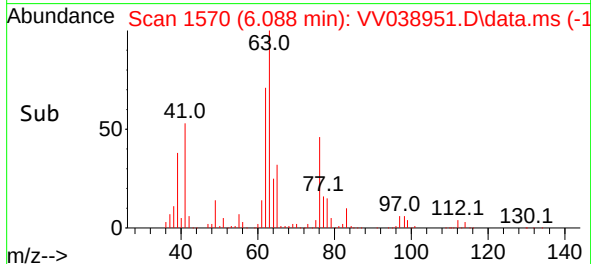
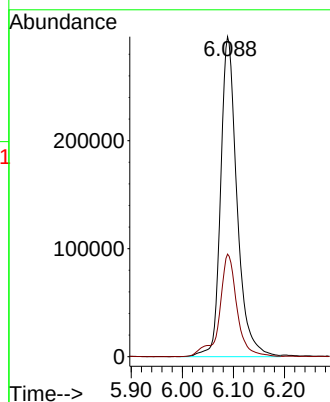
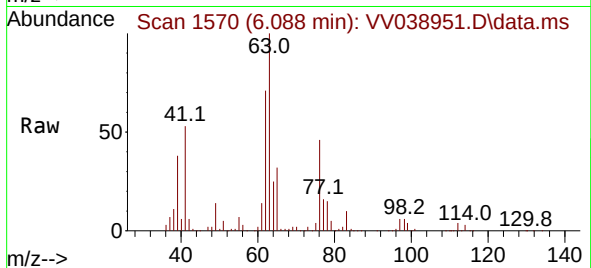




#45
1,2-Dichloropropane
Concen: 103.713 ug/l
RT: 6.088 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

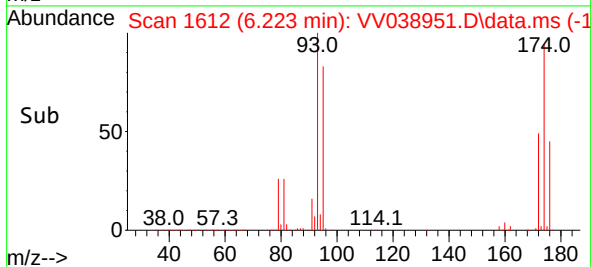
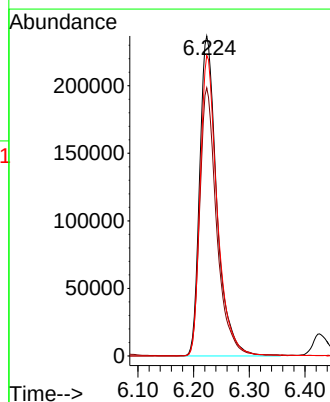
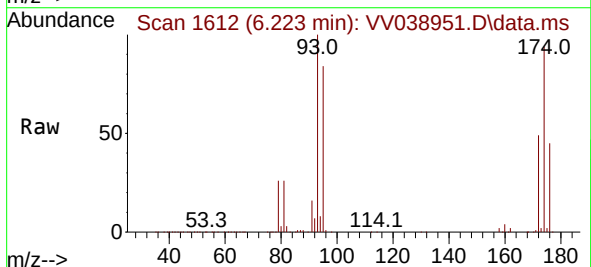
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

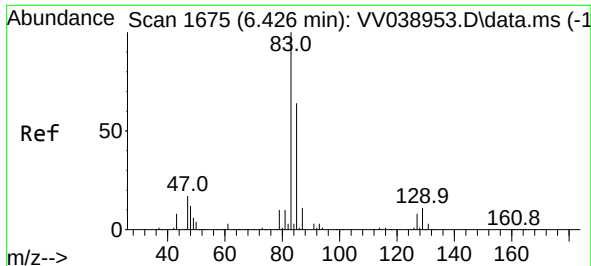
Tgt Ion: 63 Resp: 659842
Ion Ratio Lower Upper
63 100
65 32.0 23.8 35.8



#46
Dibromomethane
Concen: 99.361 ug/l
RT: 6.223 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 93 Resp: 506596
Ion Ratio Lower Upper
93 100
95 82.2 66.2 99.4
174 93.9 75.5 113.3

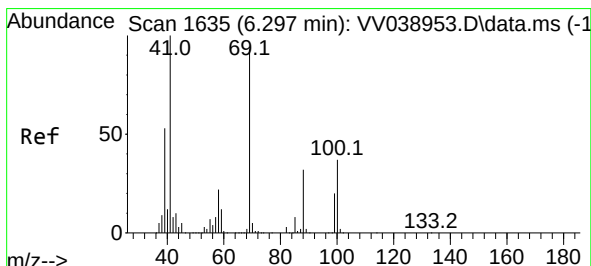
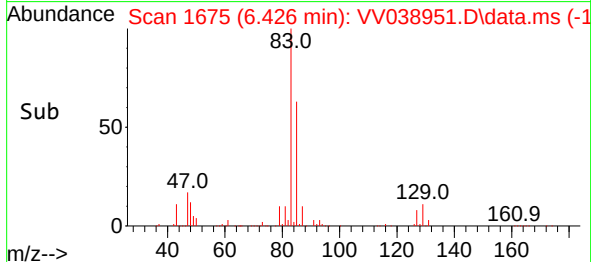
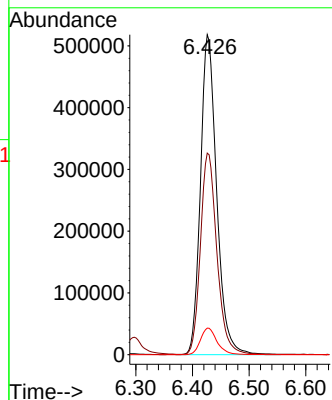
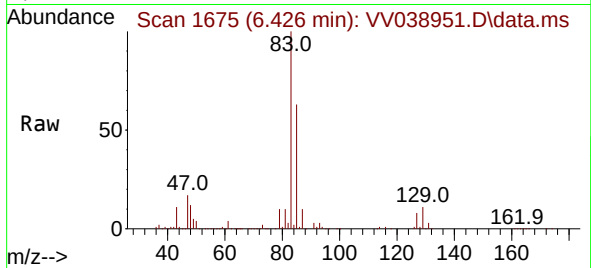




#47
Bromodichloromethane
Concen: 100.413 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

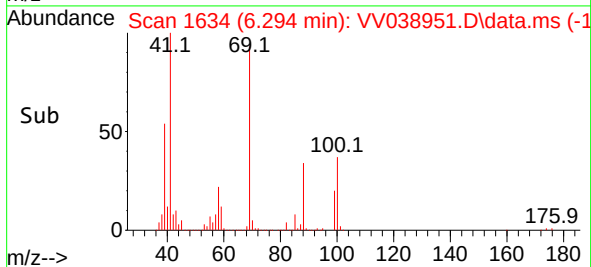
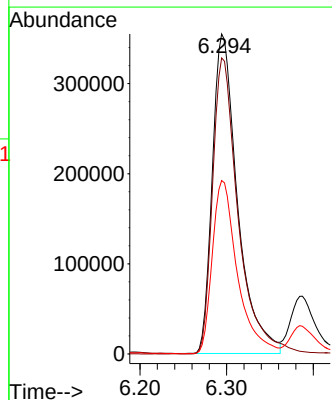
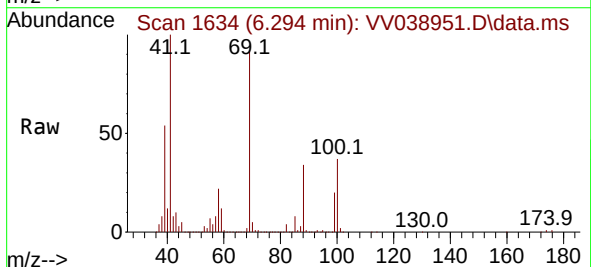
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

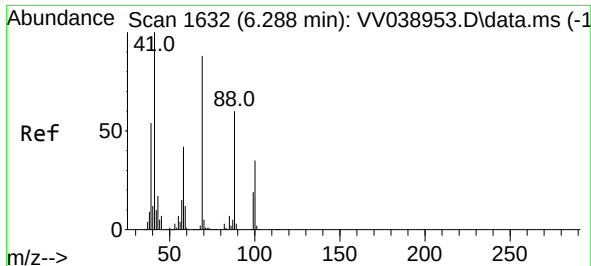
Tgt Ion: 83 Resp: 1029080
Ion Ratio Lower Upper
83 100
85 62.9 51.0 76.6
127 8.3 6.7 10.1



#48
Methyl methacrylate
Concen: 117.168 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. -0.003 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 41 Resp: 716883
Ion Ratio Lower Upper
41 100
69 95.0 75.8 113.8
39 54.1 43.0 64.4





#49

1,4-Dioxane

Concen: 2122.790 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

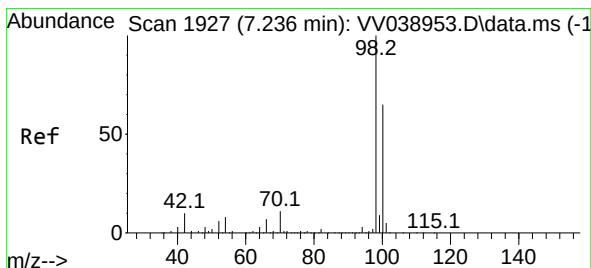
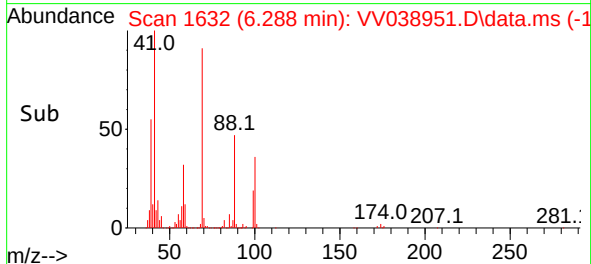
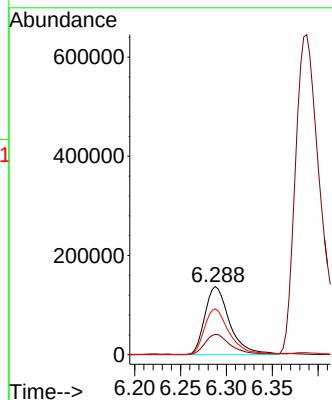
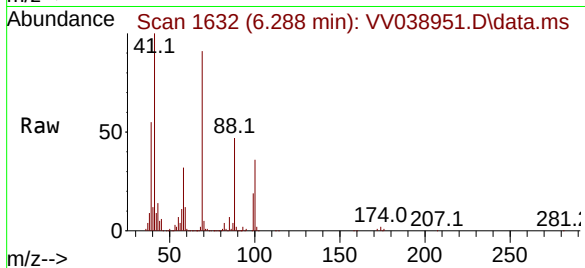
Tgt Ion: 88 Resp: 257035

Ion Ratio Lower Upper

88 100

43 30.4 23.9 35.9

58 68.3 54.1 81.1



#50

Toluene-d8

Concen: 102.851 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038951.D

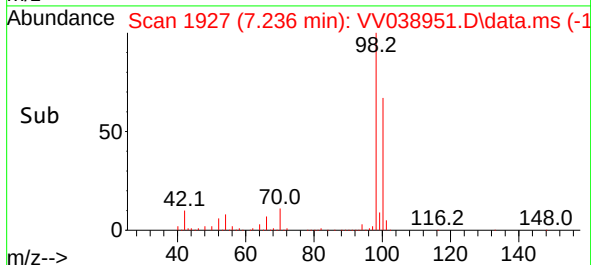
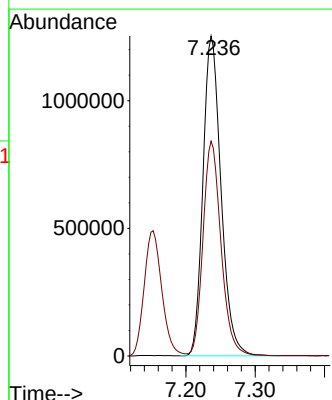
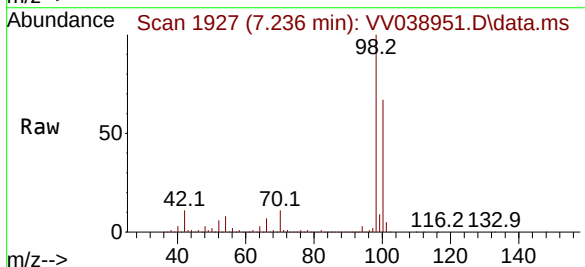
Acq: 13 Aug 2025 14:33

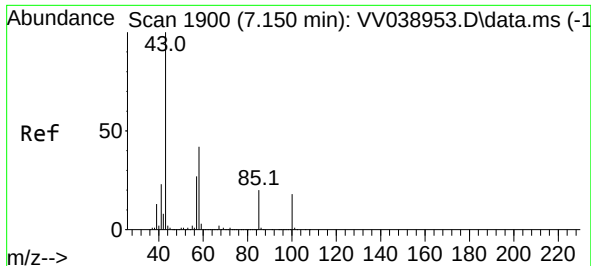
Tgt Ion: 98 Resp: 2268658

Ion Ratio Lower Upper

98 100

100 66.8 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 540.978 ug/l

RT: 7.150 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

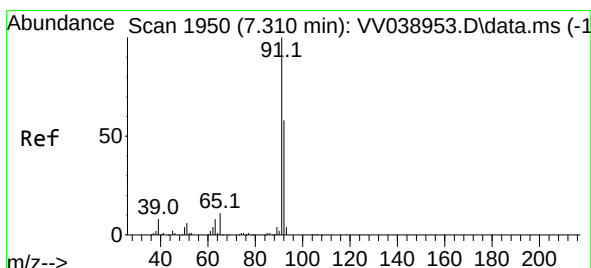
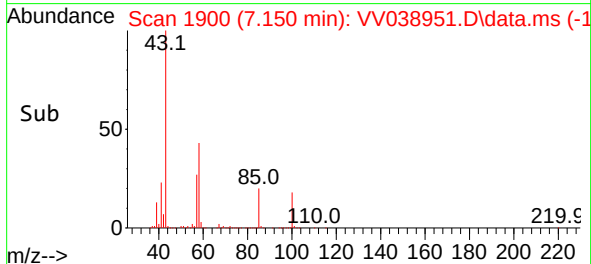
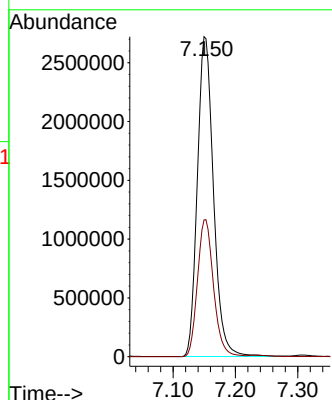
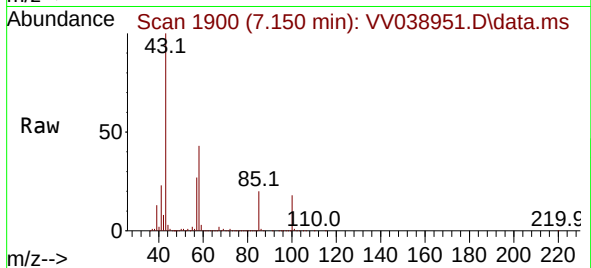
VSTDICC100

Tgt Ion: 43 Resp: 4885516

Ion Ratio Lower Upper

43 100

58 42.6 33.2 49.8



#52

Toluene

Concen: 106.060 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV038951.D

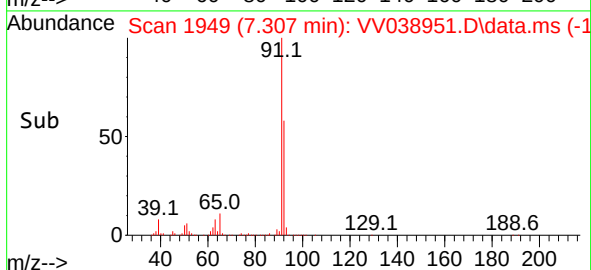
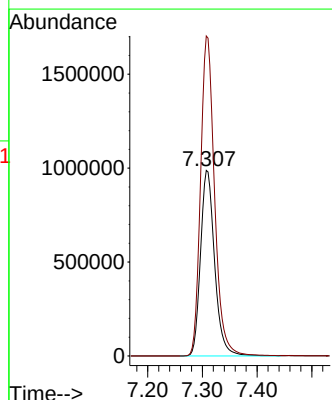
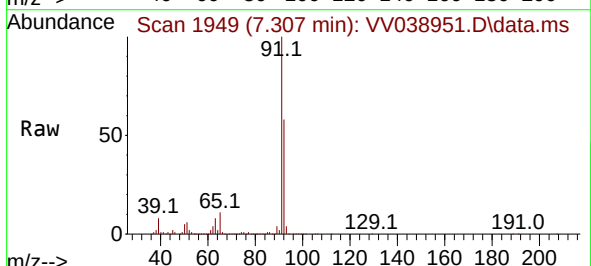
Acq: 13 Aug 2025 14:33

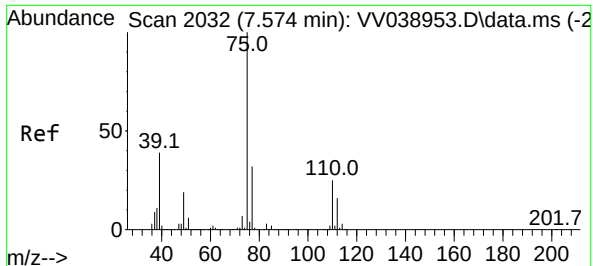
Tgt Ion: 92 Resp: 1765886

Ion Ratio Lower Upper

92 100

91 171.7 138.9 208.3

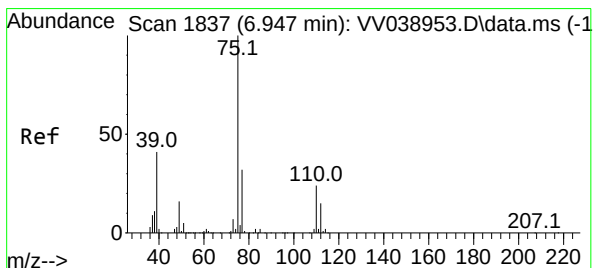
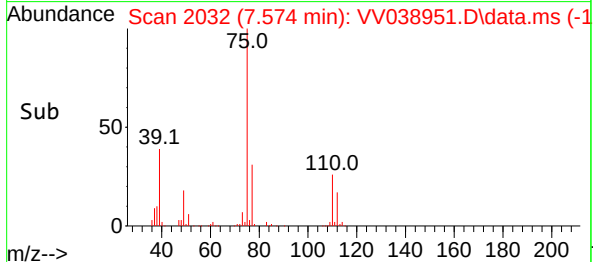
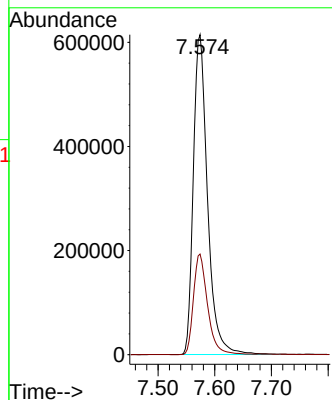
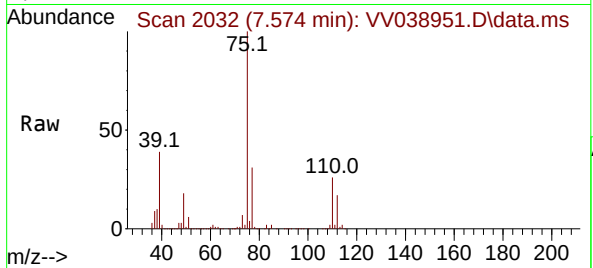




#53
 t-1,3-Dichloropropene
 Concen: 109.360 ug/l
 RT: 7.574 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VV038951.D
 Acq: 13 Aug 2025 14:33

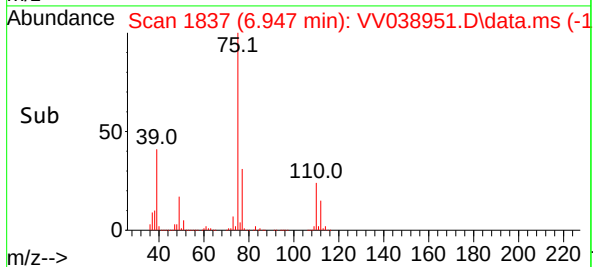
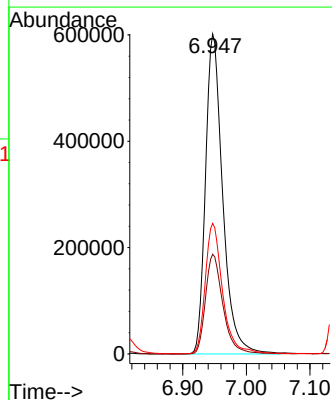
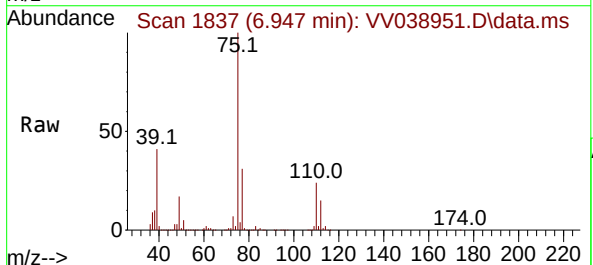
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

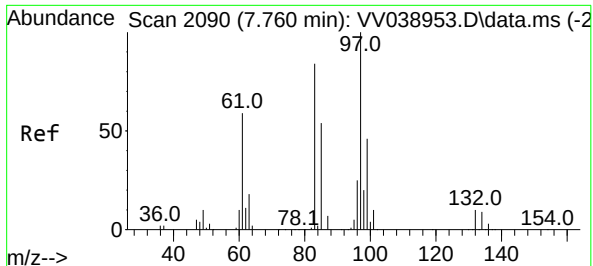
Tgt Ion: 75 Resp: 1068529
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 105.274 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VV038951.D
 Acq: 13 Aug 2025 14:33

Tgt Ion: 75 Resp: 1129383
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5
 39 40.7 32.6 49.0





#55

1,1,2-Trichloroethane

Concen: 99.391 ug/l

RT: 7.760 min Scan# 2090

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 691385

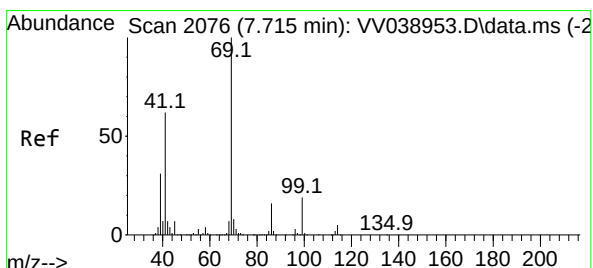
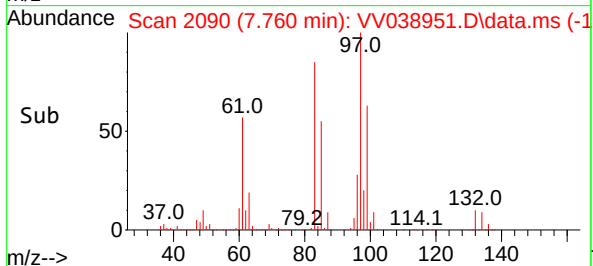
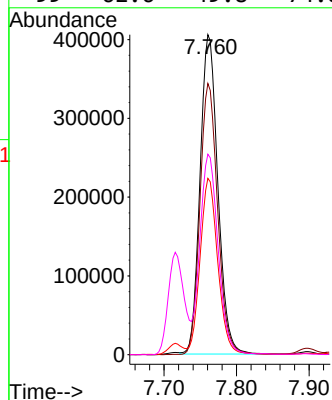
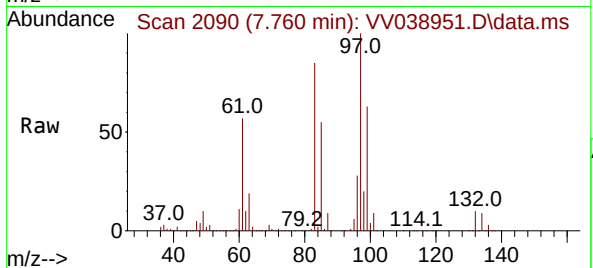
Ion Ratio Lower Upper

97 100

83 84.8 66.7 100.1

85 55.1 44.5 66.7

99 62.6 49.8 74.8



#56

Ethyl methacrylate

Concen: 122.359 ug/l

RT: 7.715 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

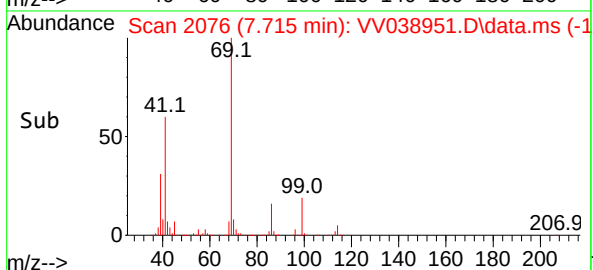
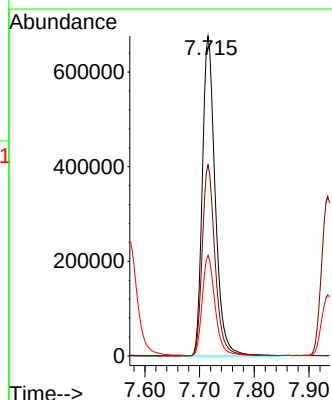
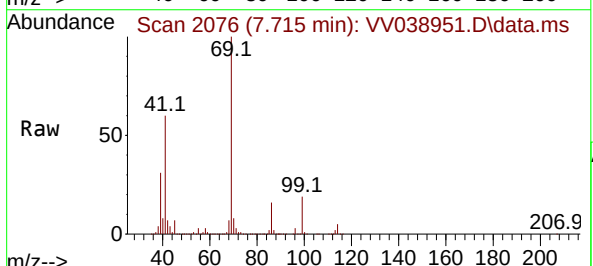
Tgt Ion: 69 Resp: 1103582

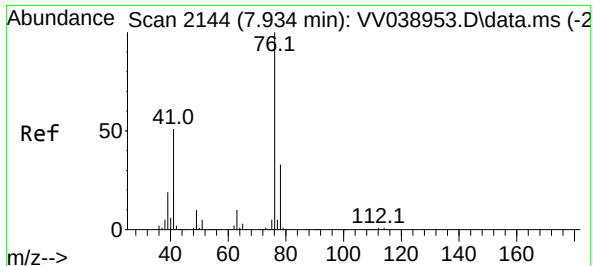
Ion Ratio Lower Upper

69 100

41 59.6 48.1 72.1

39 31.0 24.3 36.5





#57

1,3-Dichloropropane

Concen: 102.490 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

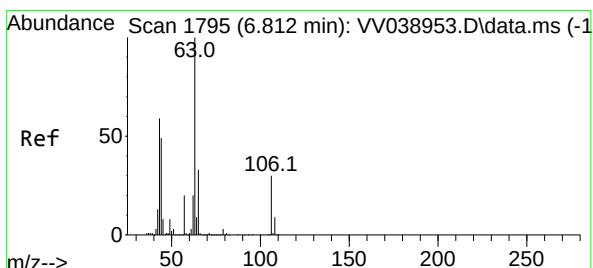
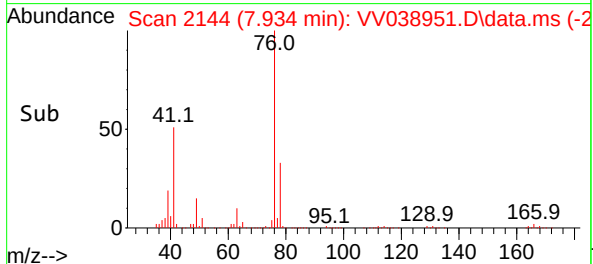
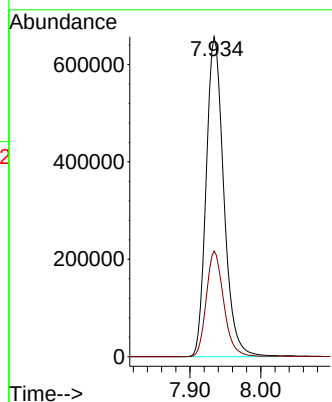
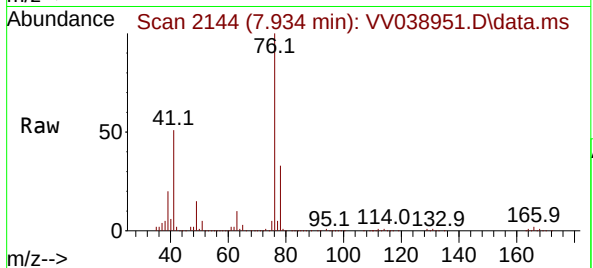
VSTDICC100

Tgt Ion: 76 Resp: 1133268

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 504.357 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VV038951.D

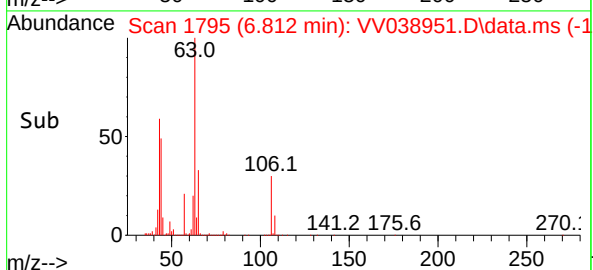
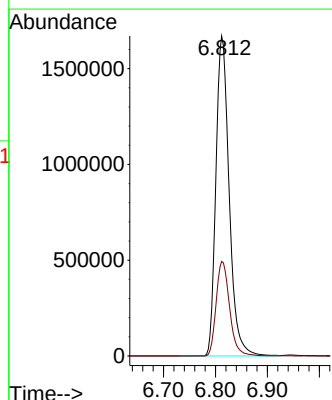
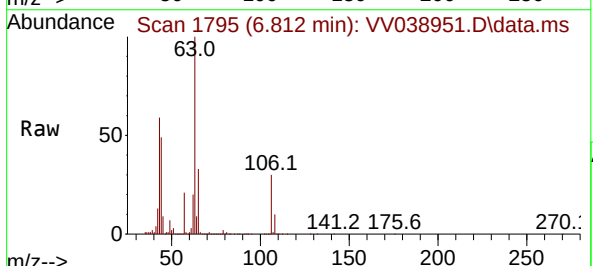
Acq: 13 Aug 2025 14:33

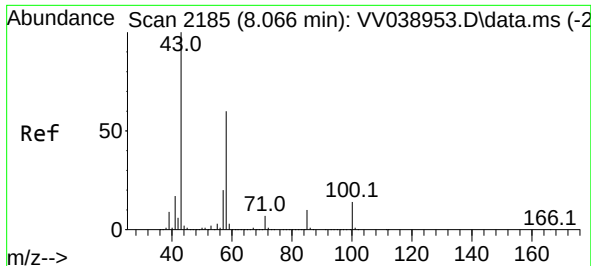
Tgt Ion: 63 Resp: 2963015

Ion Ratio Lower Upper

63 100

106 29.9 23.8 35.8

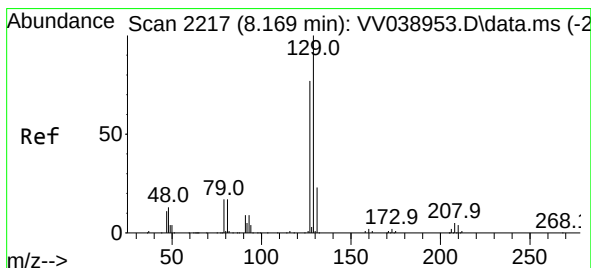
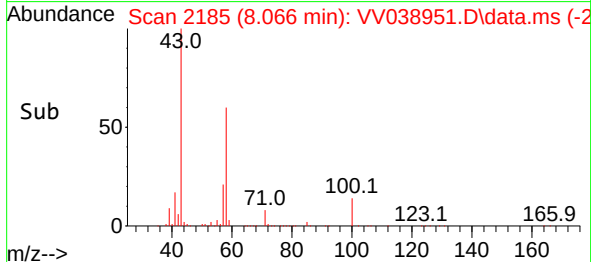
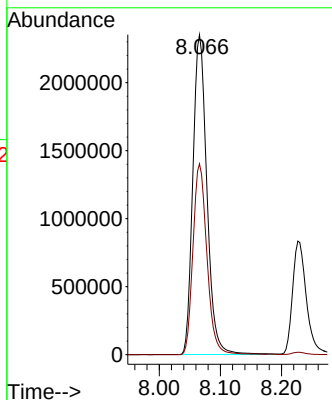
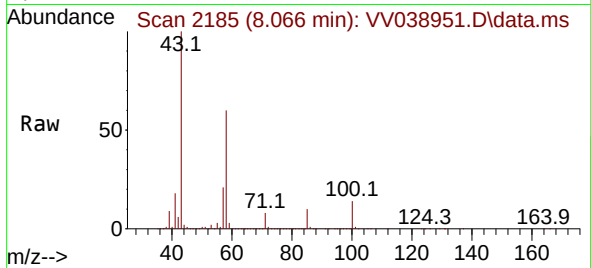




#59
2-Hexanone
Concen: 563.616 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

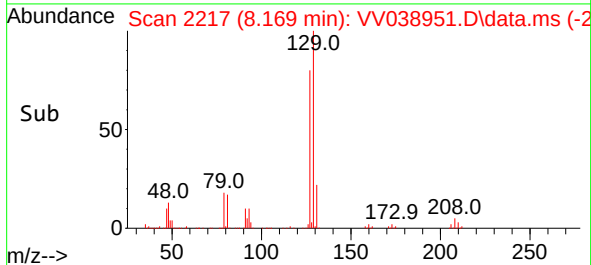
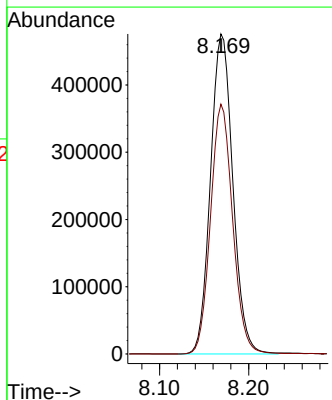
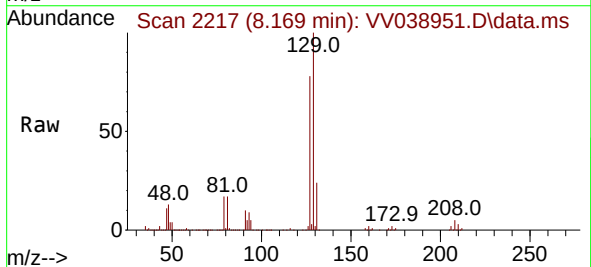
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

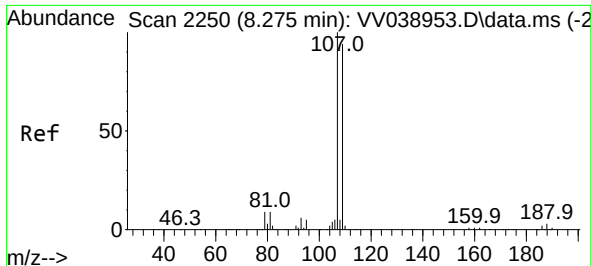
Tgt Ion: 43 Resp: 3753379
Ion Ratio Lower Upper
43 100
58 59.3 29.3 87.9



#60
Dibromochloromethane
Concen: 98.625 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 129 Resp: 828834
Ion Ratio Lower Upper
129 100
127 77.2 38.2 114.6

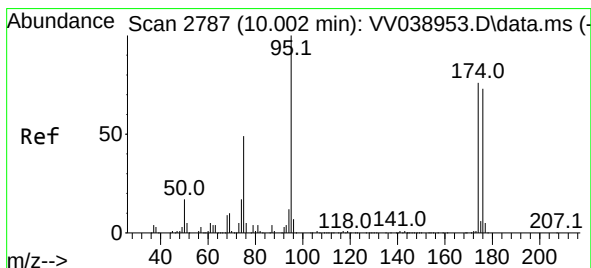
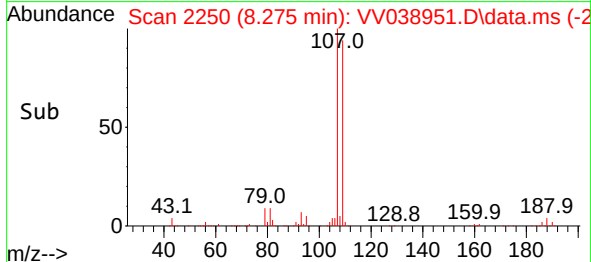
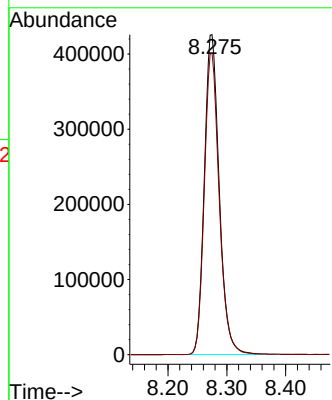
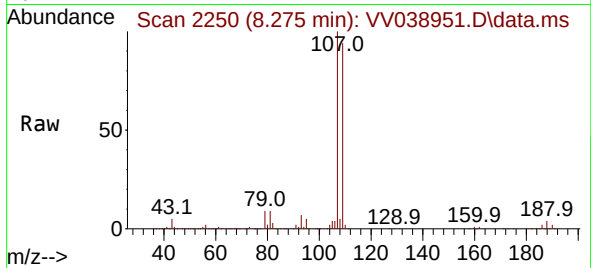




#61
1,2-Dibromoethane
Concen: 100.129 ug/l
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

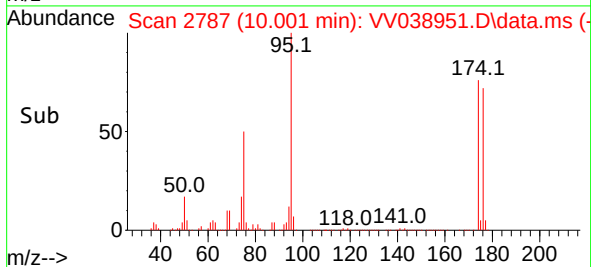
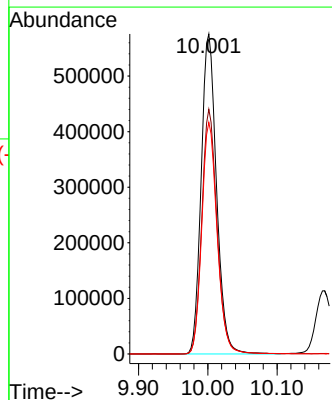
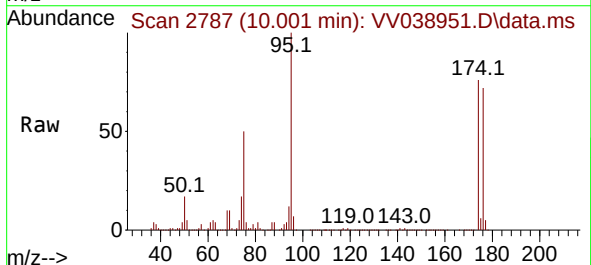
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

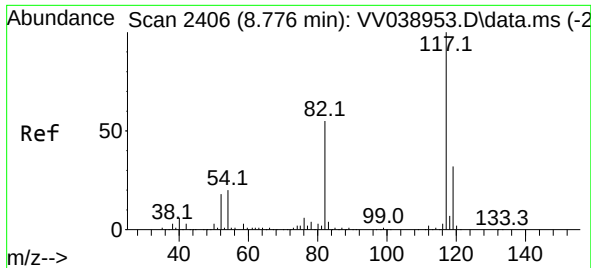
Tgt Ion:107 Resp: 749628
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 110.733 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 95 Resp: 887472
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.4
176 72.3 0.0 144.4

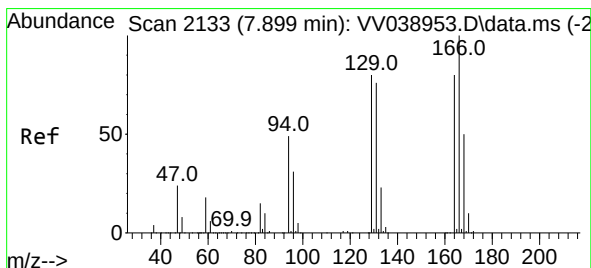
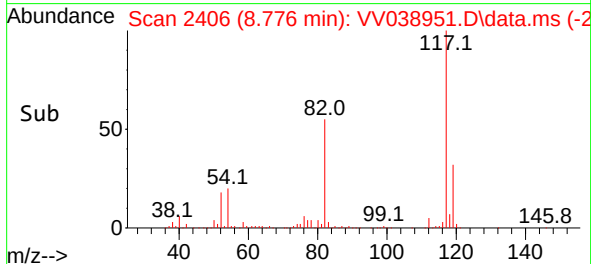
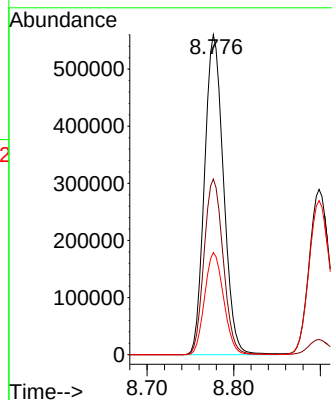
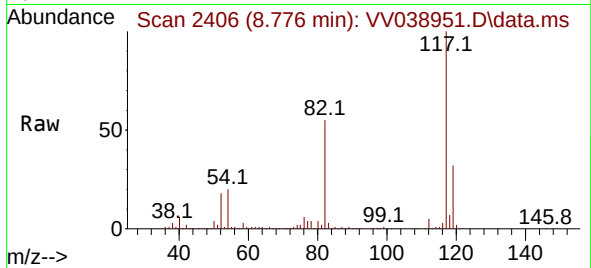




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

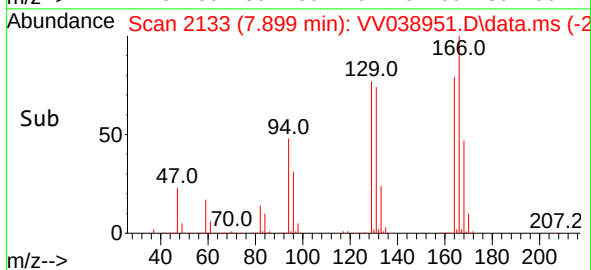
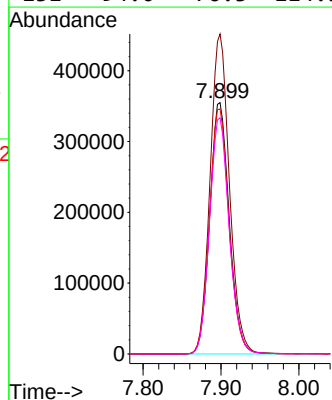
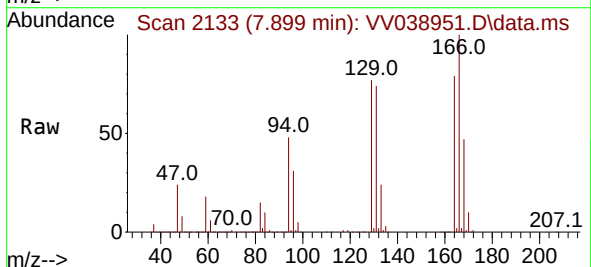
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

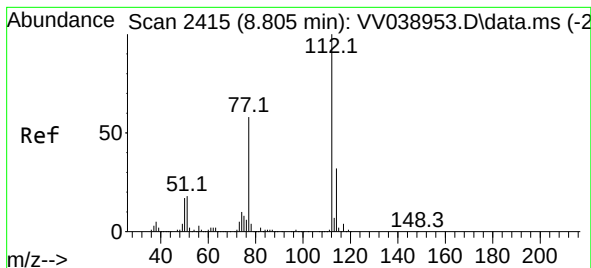
Tgt Ion:117 Resp: 855350
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 95.648 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion:164 Resp: 618996
Ion Ratio Lower Upper
164 100
166 127.3 100.1 150.1
129 97.5 80.2 120.4
131 94.0 76.3 114.5





#65

Chlorobenzene

Concen: 98.252 ug/l

RT: 8.805 min Scan# 2415

Delta R.T. 0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

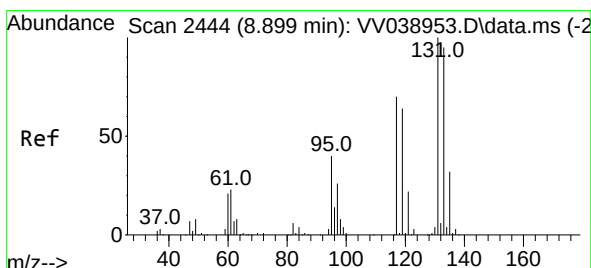
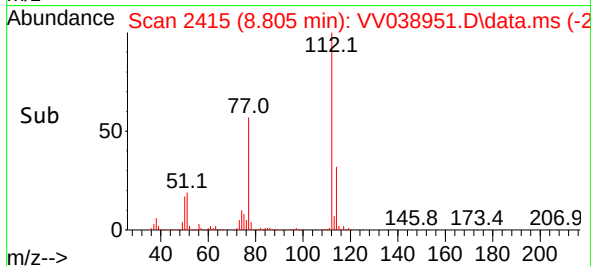
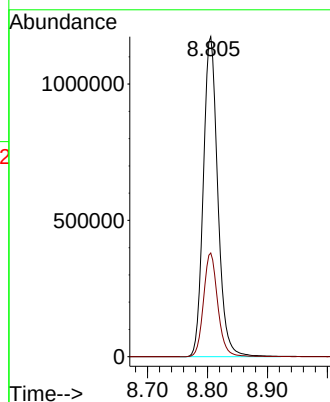
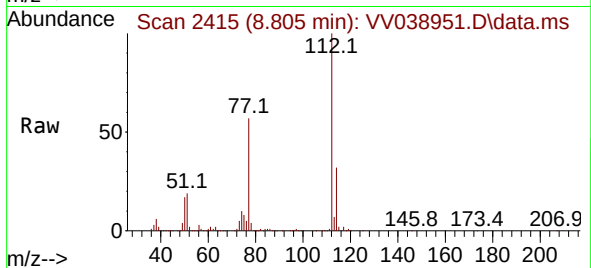
VSTDICC100

Tgt Ion:112 Resp: 1972973

Ion Ratio Lower Upper

112 100

114 32.4 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 100.233 ug/l

RT: 8.899 min Scan# 2444

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

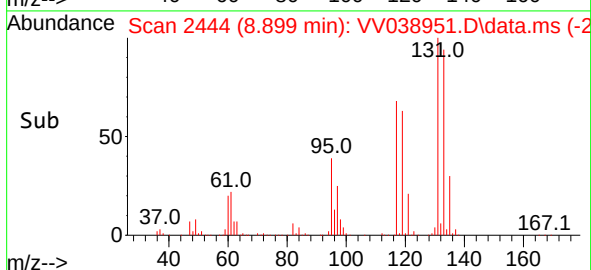
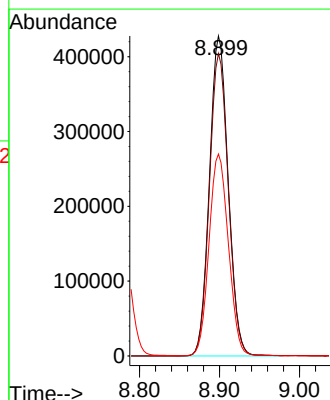
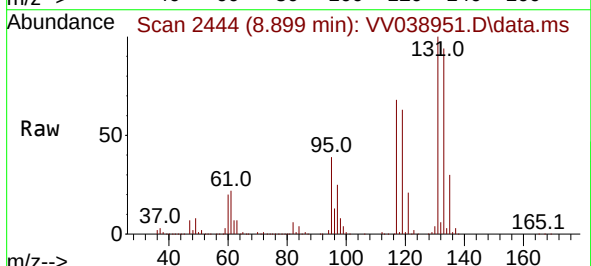
Tgt Ion:131 Resp: 699532

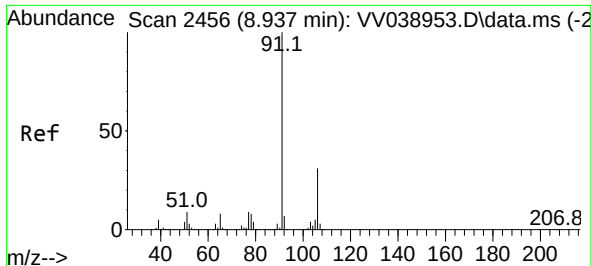
Ion Ratio Lower Upper

131 100

133 95.2 47.5 142.6

119 65.1 32.3 96.8





#67

Ethyl Benzene

Concen: 113.500 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

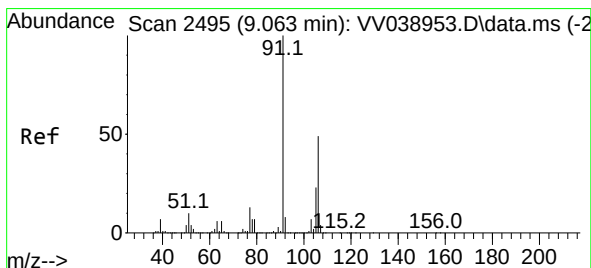
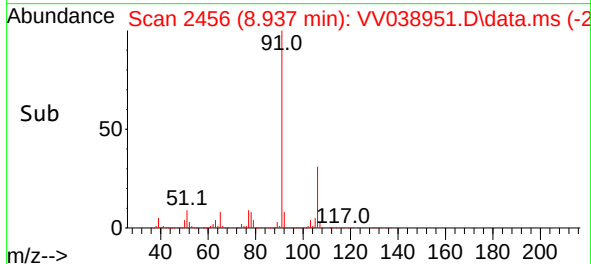
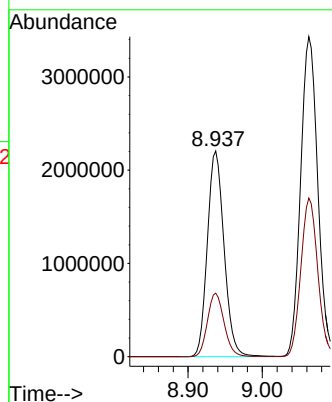
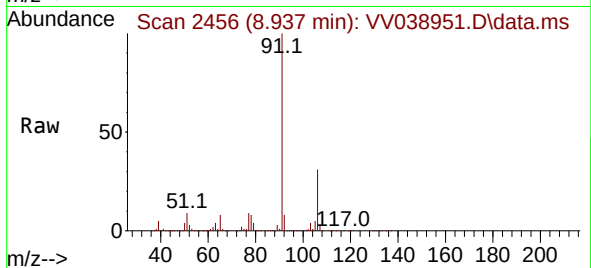
VSTDIC100

Tgt Ion: 91 Resp: 3442656

Ion Ratio Lower Upper

91 100

106 30.9 24.9 37.3



#68

m/p-Xylenes

Concen: 227.242 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038951.D

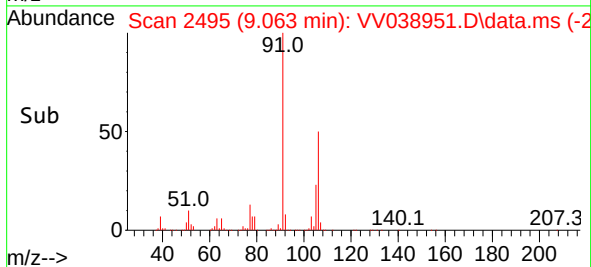
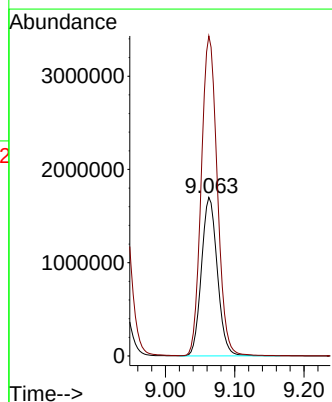
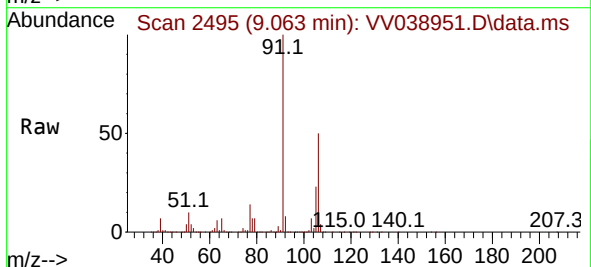
Acq: 13 Aug 2025 14:33

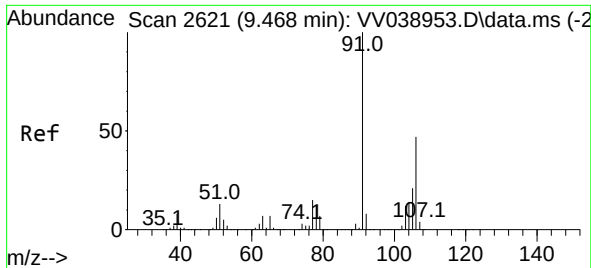
Tgt Ion:106 Resp: 2699026

Ion Ratio Lower Upper

106 100

91 204.1 163.0 244.6

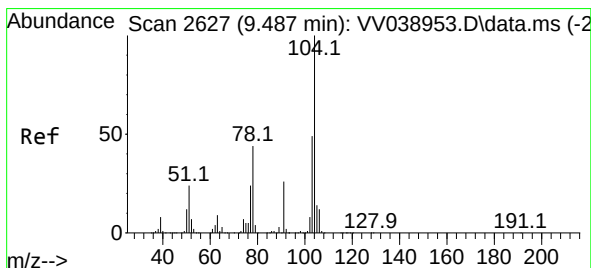
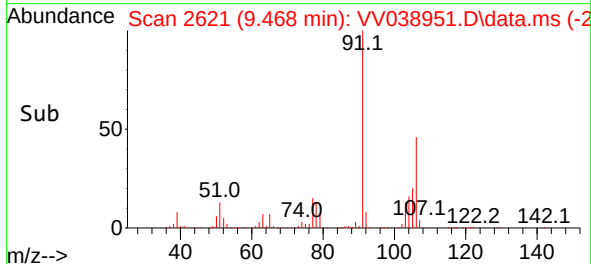
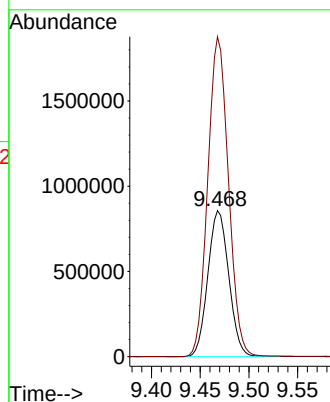
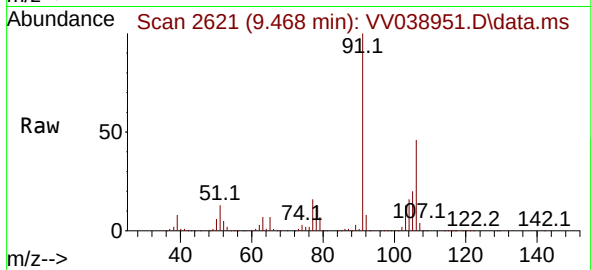




#69
o-Xylene
Concen: 117.233 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

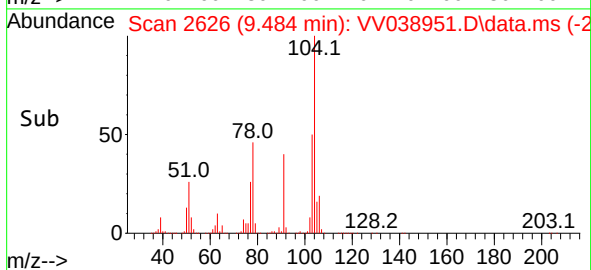
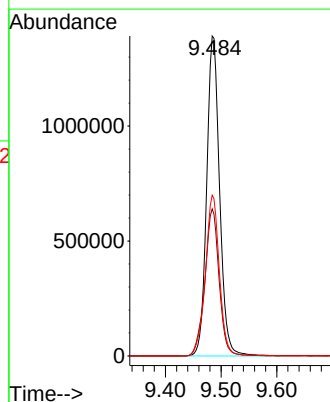
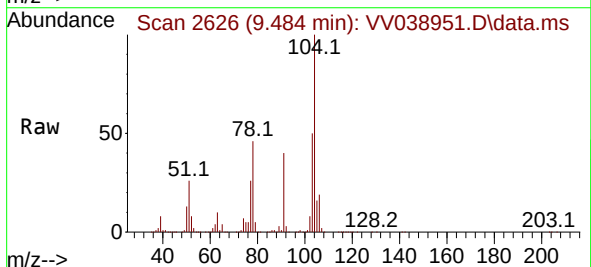
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

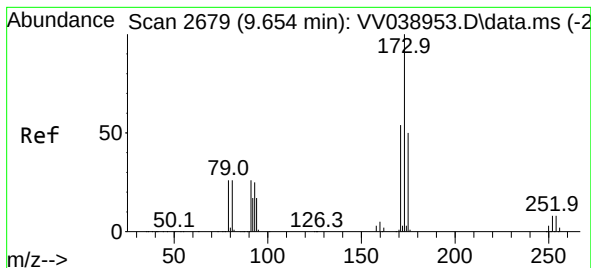
Tgt Ion:106 Resp: 1279000
Ion Ratio Lower Upper
106 100
91 216.7 106.8 320.4



#70
Styrene
Concen: 118.168 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion:104 Resp: 2244271
Ion Ratio Lower Upper
104 100
78 50.8 39.8 59.6
103 54.6 43.4 65.2





#71

Bromoform

Concen: 106.664 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

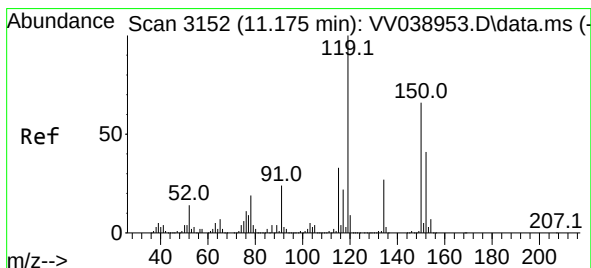
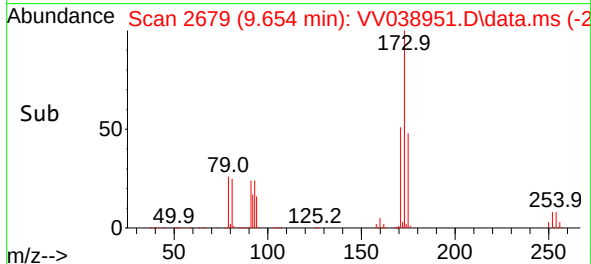
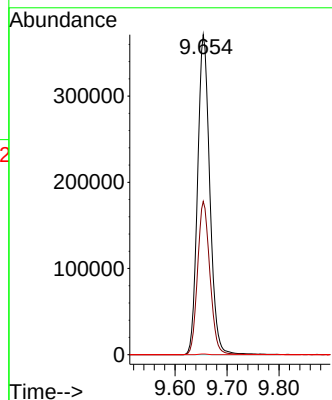
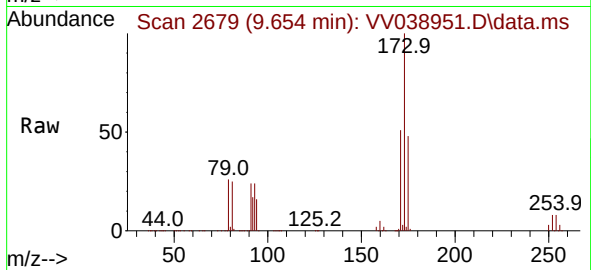
Tgt Ion:173 Resp: 604916

Ion Ratio Lower Upper

173 100

175 48.4 24.4 73.2

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

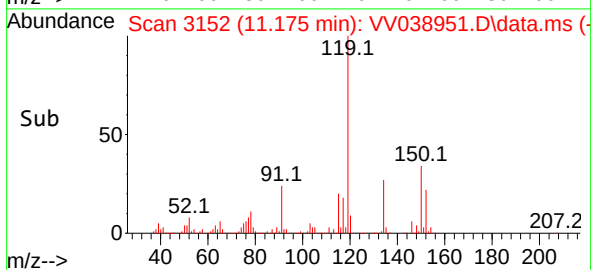
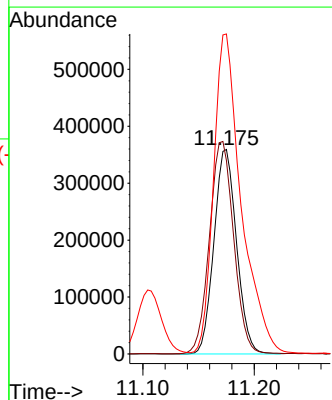
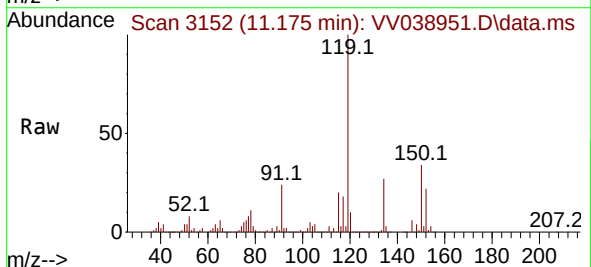
Tgt Ion:152 Resp: 506525

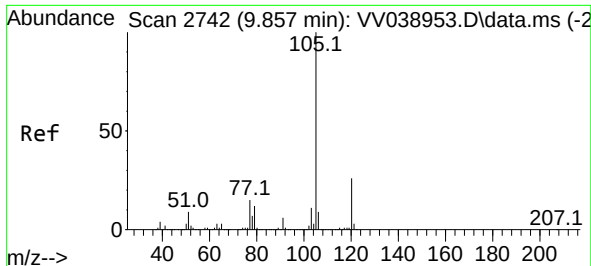
Ion Ratio Lower Upper

152 100

115 111.4 42.8 128.3

150 191.0 0.0 349.6

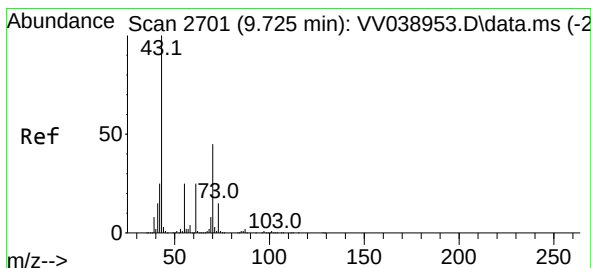
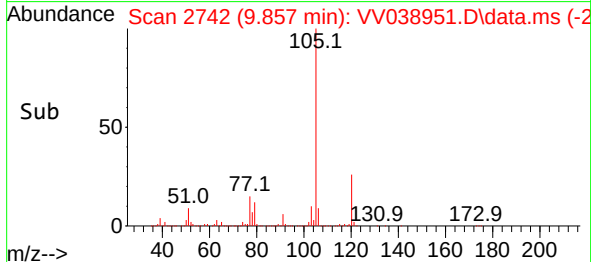
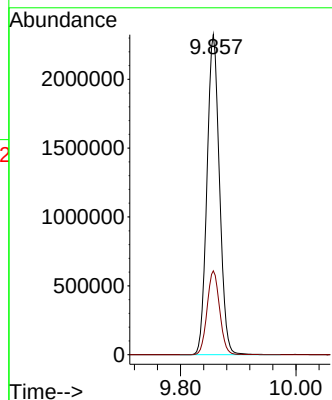
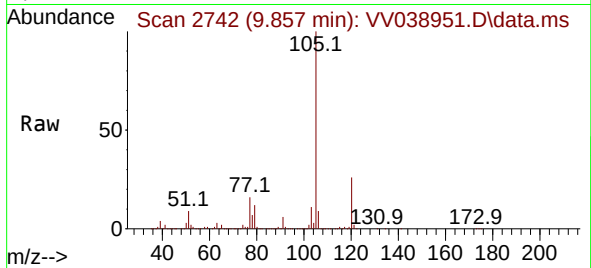




#73
Isopropylbenzene
Concen: 107.305 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

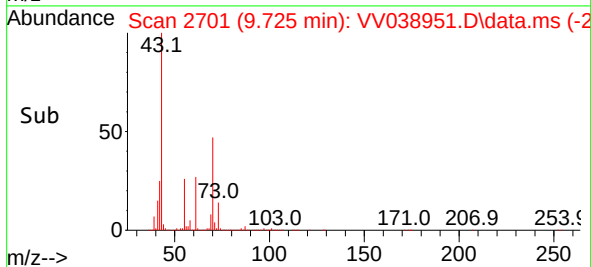
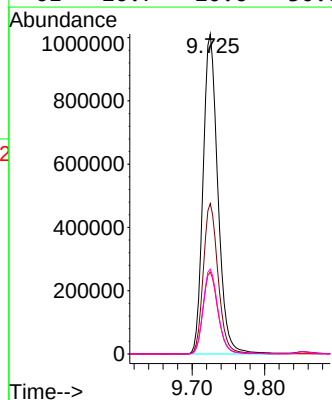
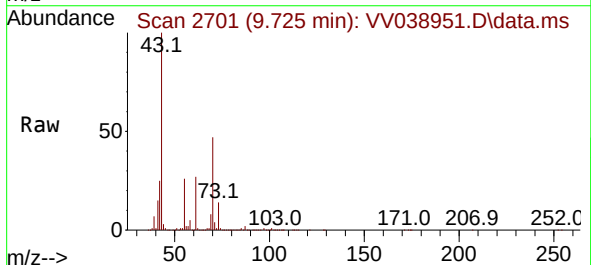
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

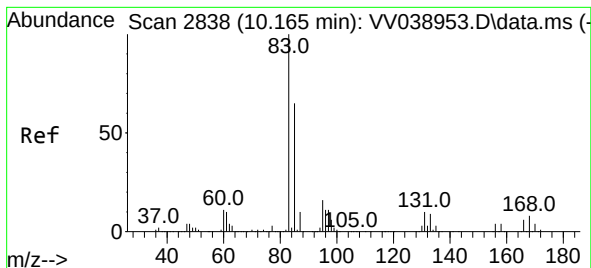
Tgt Ion:105 Resp: 3480257
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.7



#74
N-ethyl acetate
Concen: 114.264 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 43 Resp: 1431314
Ion Ratio Lower Upper
43 100
70 47.2 37.0 55.4
55 25.9 21.0 31.4
61 26.7 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 91.237 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

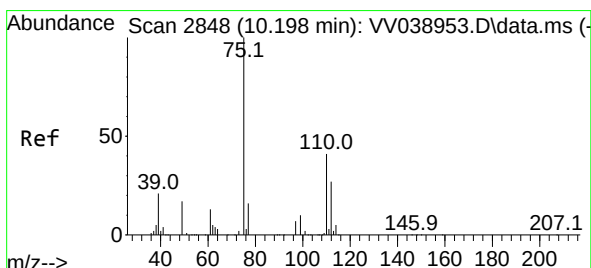
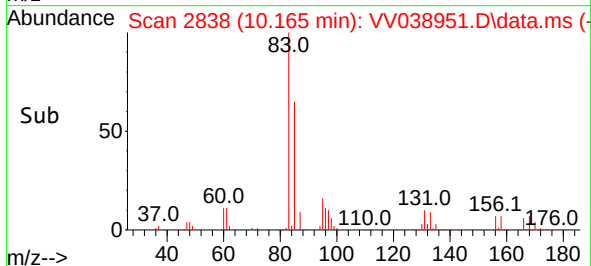
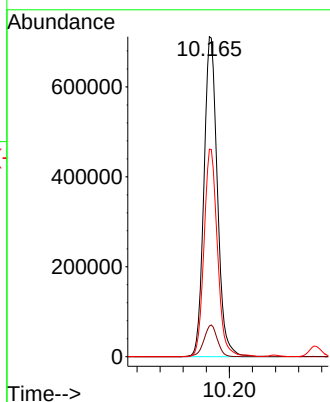
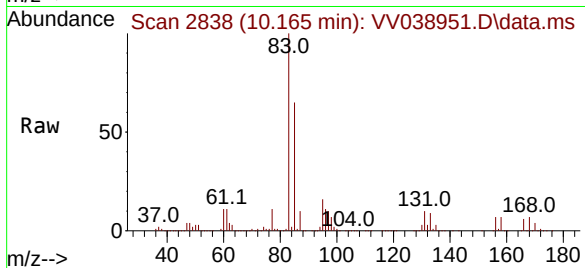
Tgt Ion: 83 Resp: 1148265

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

85 64.9 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 94.346 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. -0.000 min

Lab File: VV038951.D

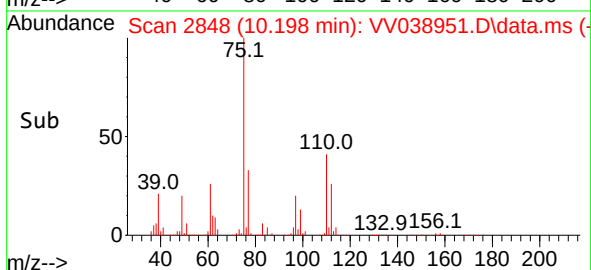
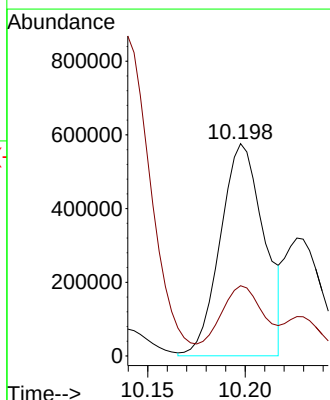
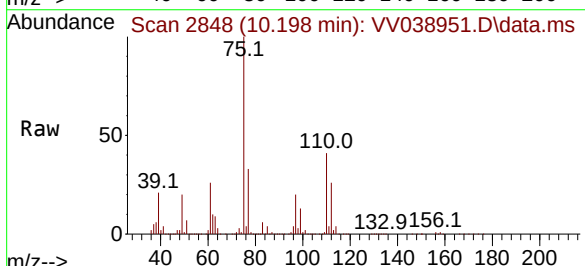
Acq: 13 Aug 2025 14:33

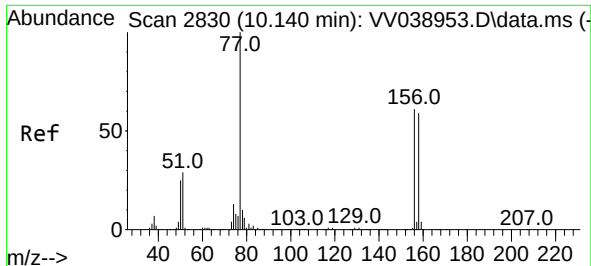
Tgt Ion: 75 Resp: 900757

Ion Ratio Lower Upper

75 100

77 33.4 11.8 35.4

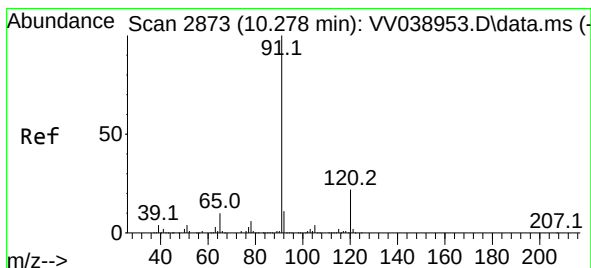
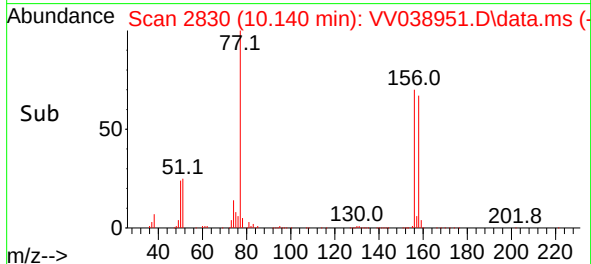
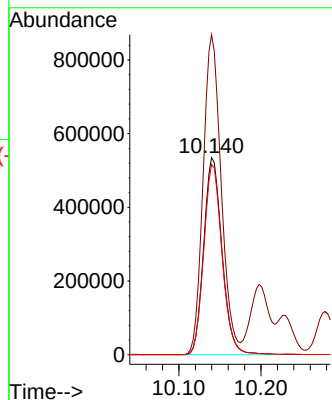
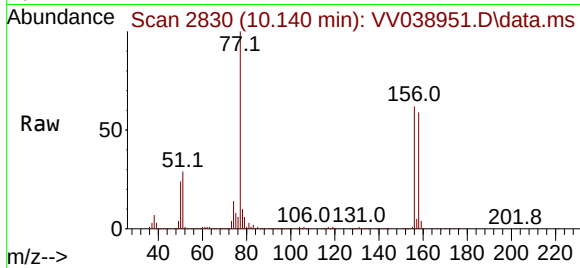




#77
Bromobenzene
Concen: 99.078 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

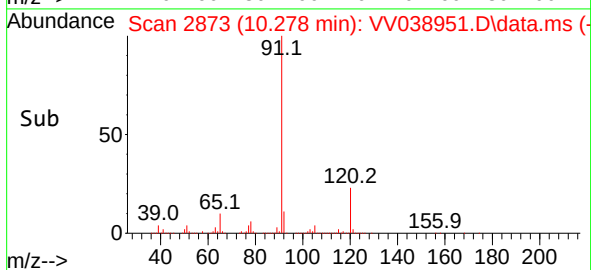
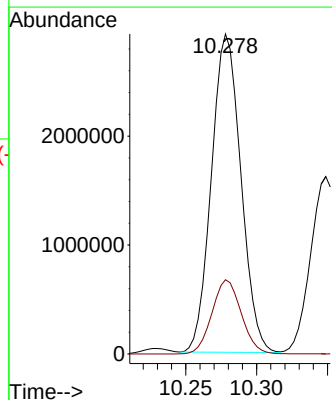
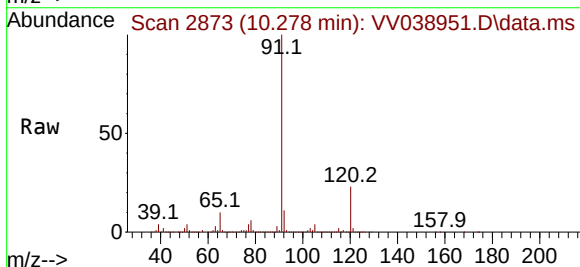
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

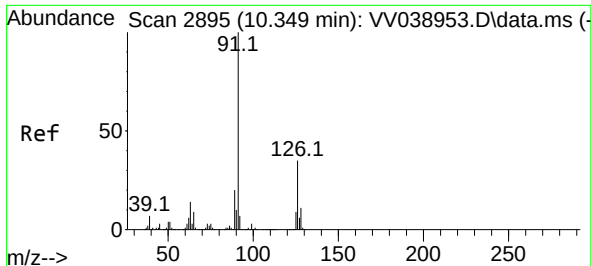
Tgt Ion:156 Resp: 831292
Ion Ratio Lower Upper
156 100
77 159.8 79.6 238.8
158 96.3 47.8 143.4



#78
n-propylbenzene
Concen: 108.924 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 91 Resp: 4227535
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5

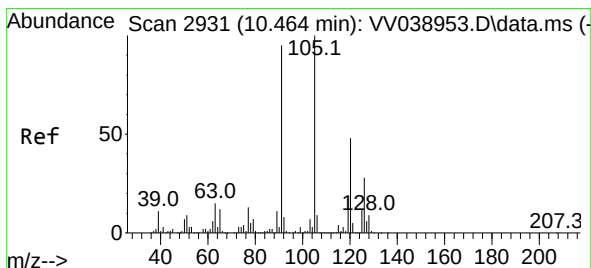
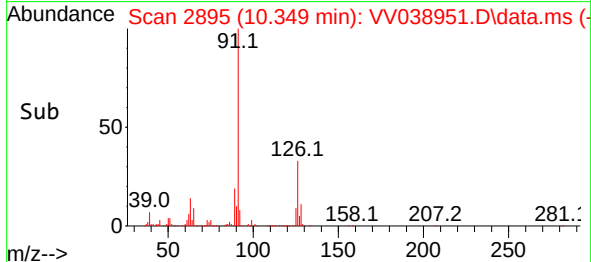
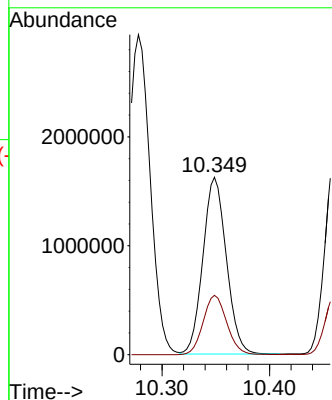
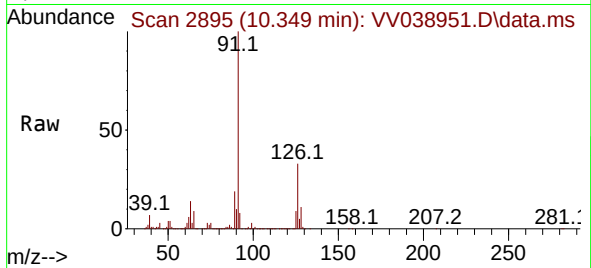




#79
2-Chlorotoluene
Concen: 103.545 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

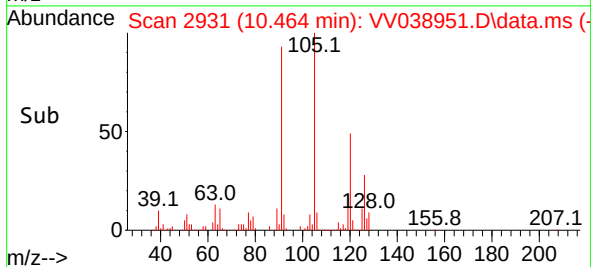
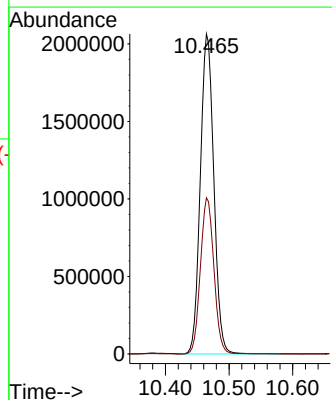
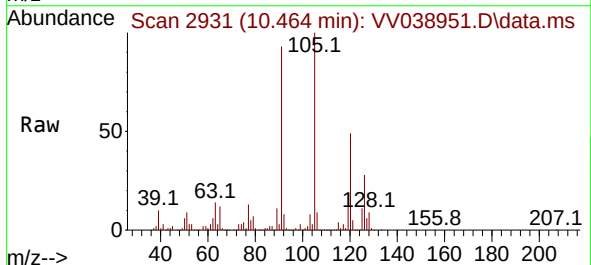
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

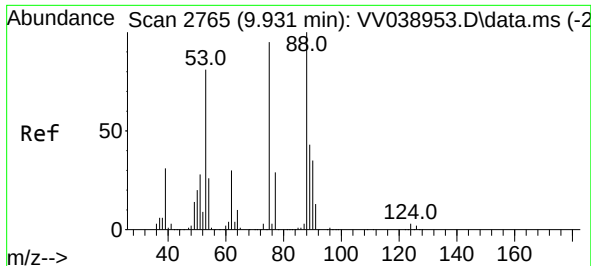
Tgt Ion: 91 Resp: 2456532
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 110.916 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 105 Resp: 3035243
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.9

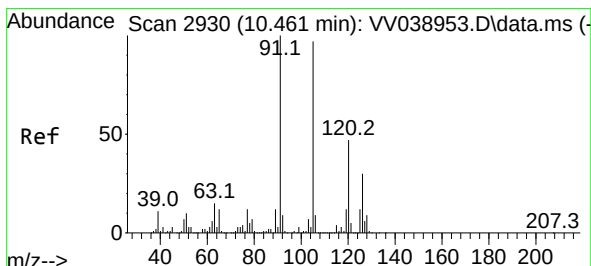
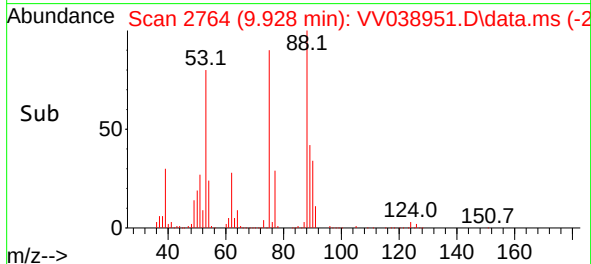
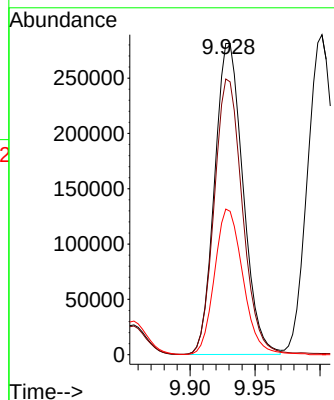
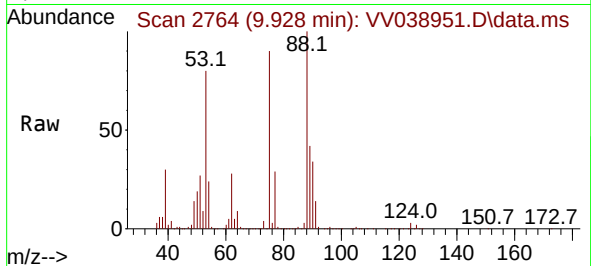




#81
trans-1,4-Dichloro-2-butene
Concen: 109.707 ug/l
RT: 9.928 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

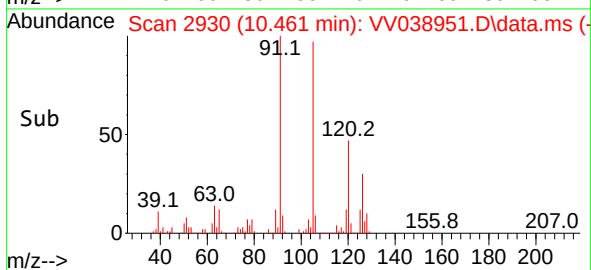
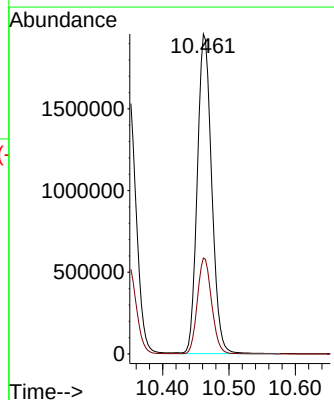
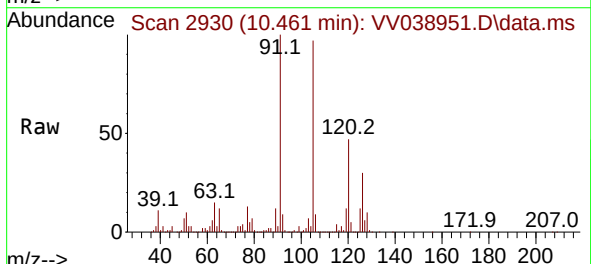
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

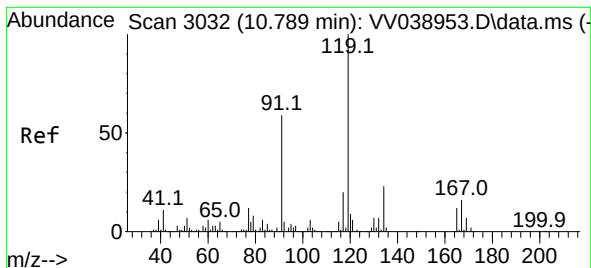
Tgt Ion: 75 Resp: 427284
Ion Ratio Lower Upper
75 100
53 88.6 69.3 103.9
89 46.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 107.528 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion: 91 Resp: 2938656
Ion Ratio Lower Upper
91 100
126 29.6 14.8 44.3





#83

tert-Butylbenzene

Concen: 110.408 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

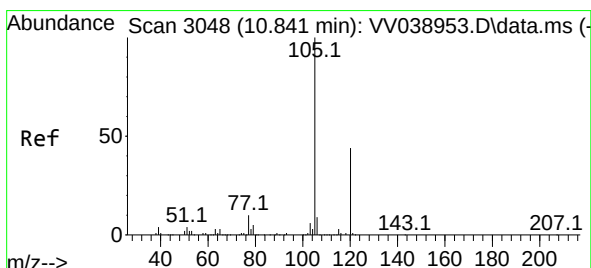
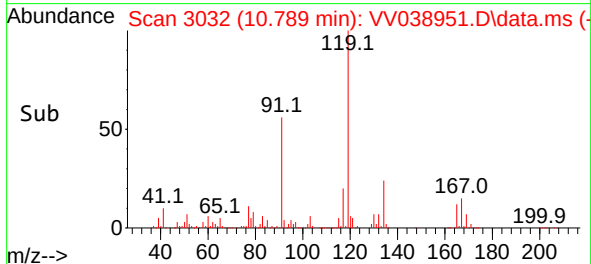
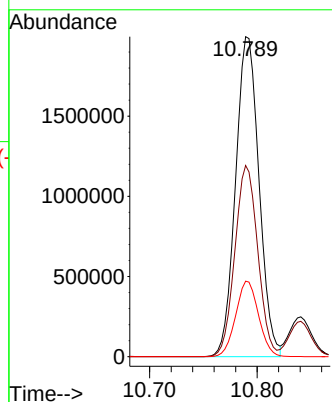
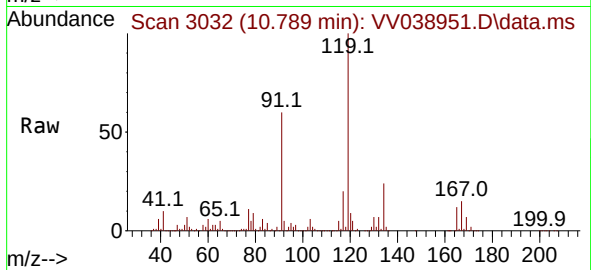
Tgt Ion:119 Resp: 3029438

Ion Ratio Lower Upper

119 100

91 58.2 28.8 86.5

134 23.0 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 115.216 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VV038951.D

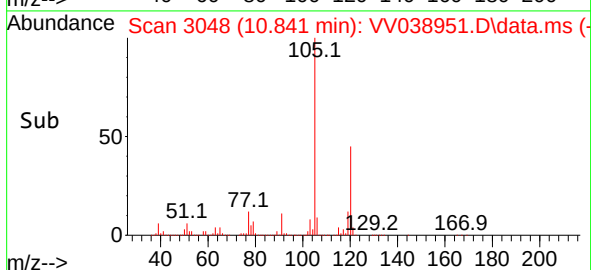
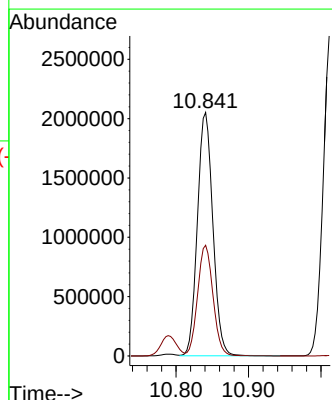
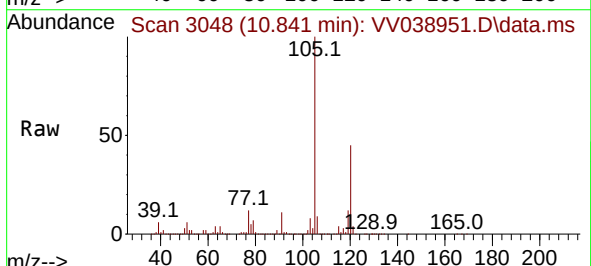
Acq: 13 Aug 2025 14:33

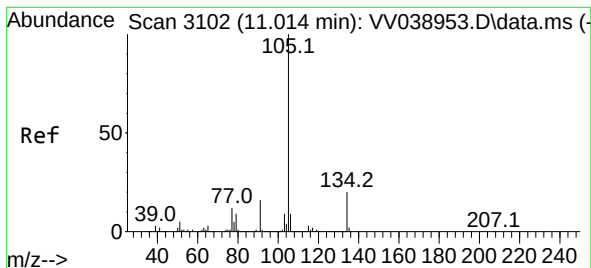
Tgt Ion:105 Resp: 3032436

Ion Ratio Lower Upper

105 100

120 45.5 23.2 69.5





#85

sec-Butylbenzene

Concen: 111.584 ug/l

RT: 11.014 min Scan# 3102

Delta R.T. 0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

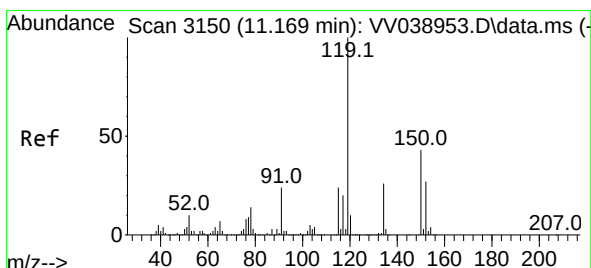
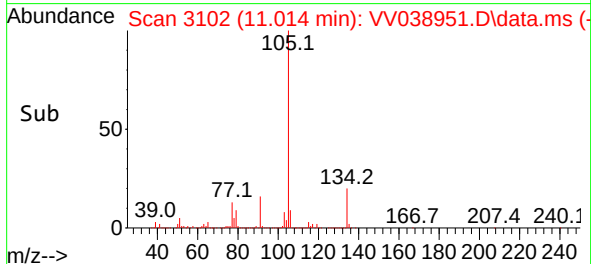
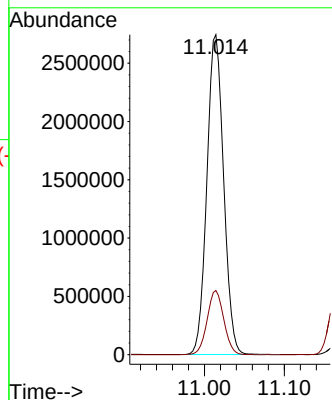
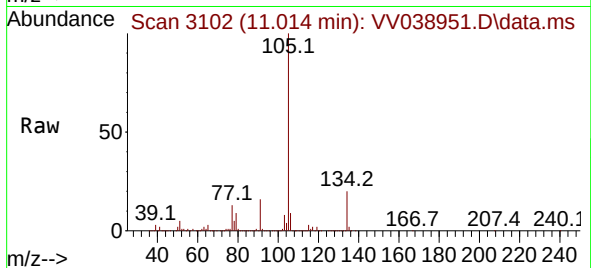
VSTDICC100

Tgt Ion:105 Resp: 3994980

Ion Ratio Lower Upper

105 100

134 20.0 9.9 29.7



#86

p-Isopropyltoluene

Concen: 110.879 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

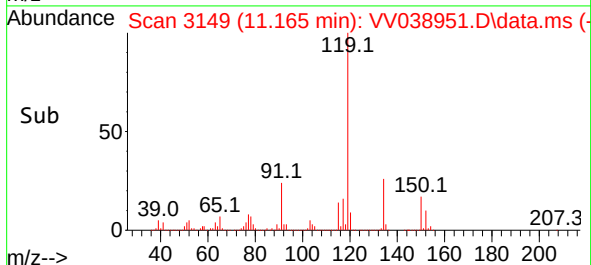
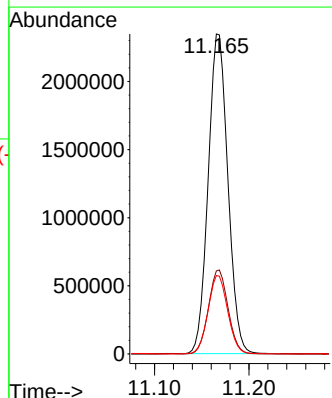
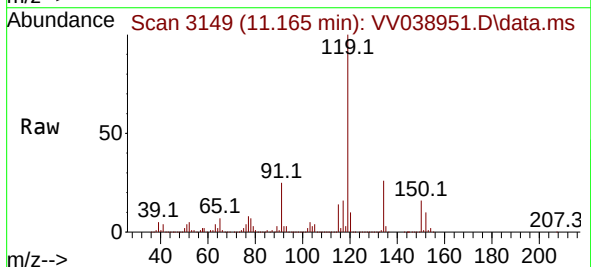
Tgt Ion:119 Resp: 3391062

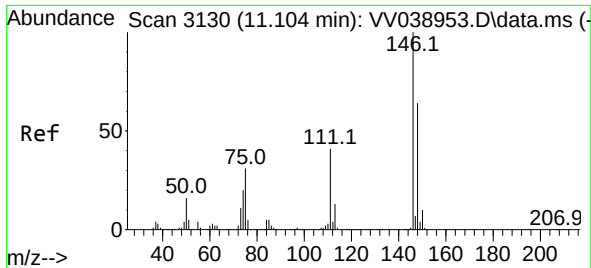
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 24.5 12.2 36.6

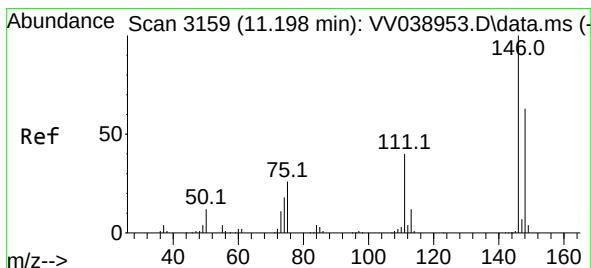
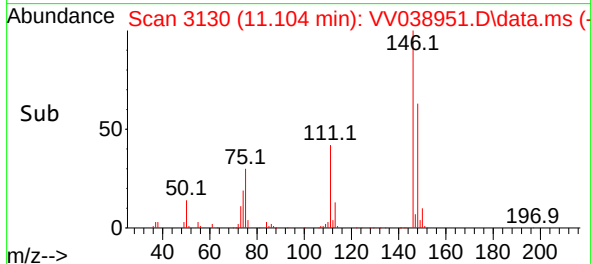
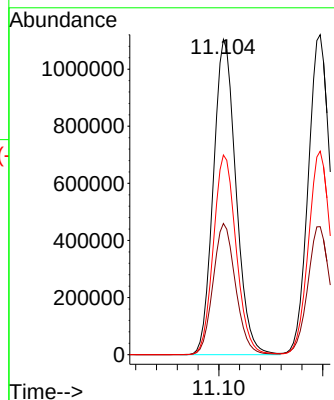
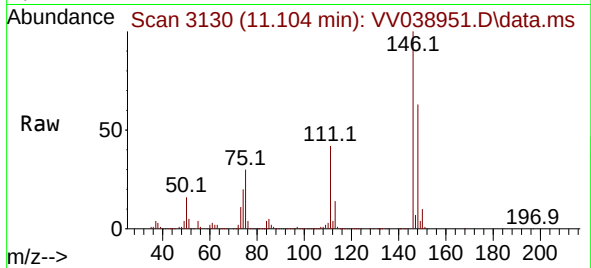




#87
1,3-Dichlorobenzene
Concen: 97.284 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

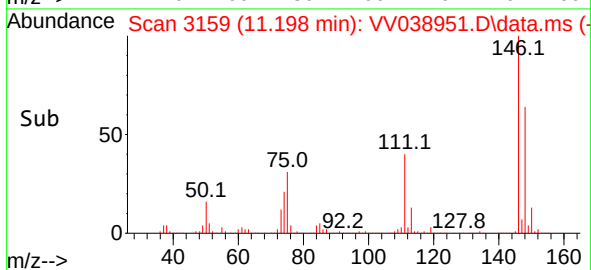
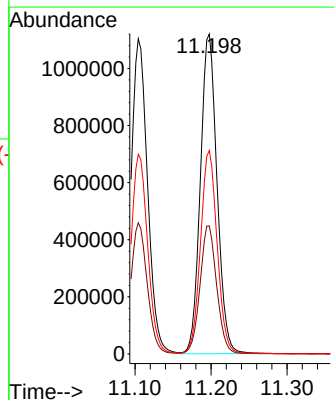
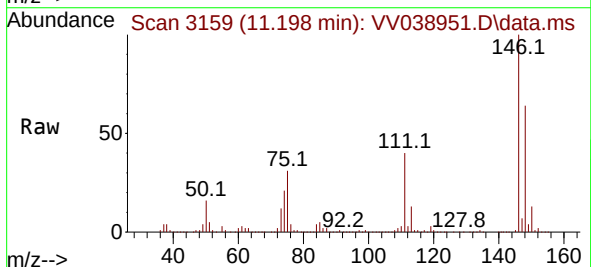
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

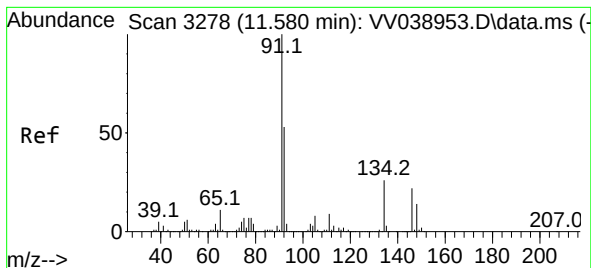
Tgt Ion:146 Resp: 1673284
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.4
148 63.6 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 91.137 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV038951.D
Acq: 13 Aug 2025 14:33

Tgt Ion:146 Resp: 1702327
Ion Ratio Lower Upper
146 100
111 40.3 20.1 60.2
148 63.7 31.7 95.1





#89

n-Butylbenzene

Concen: 114.150 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

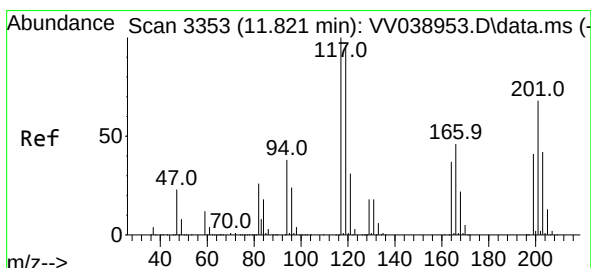
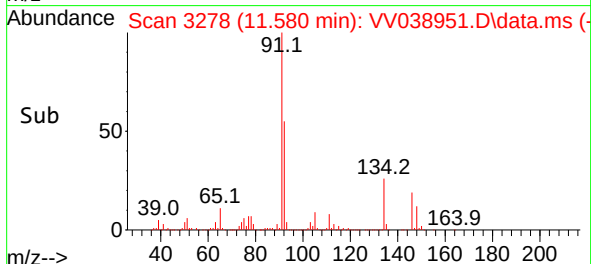
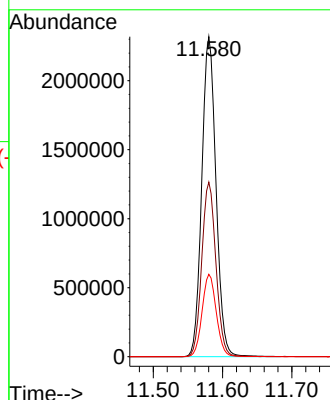
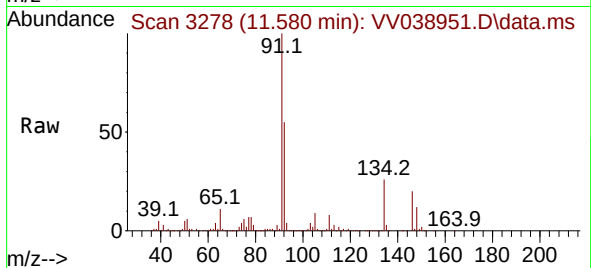
Tgt Ion: 91 Resp: 3300010

Ion Ratio Lower Upper

91 100

92 54.3 26.6 79.8

134 25.7 12.8 38.3



#90

Hexachloroethane

Concen: 99.782 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. -0.000 min

Lab File: VV038951.D

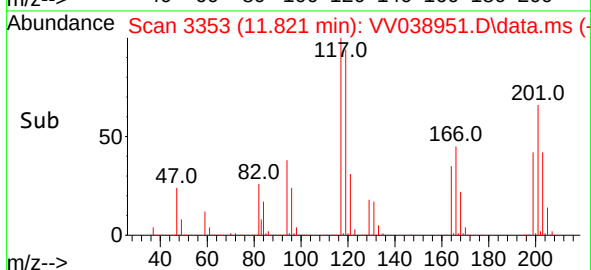
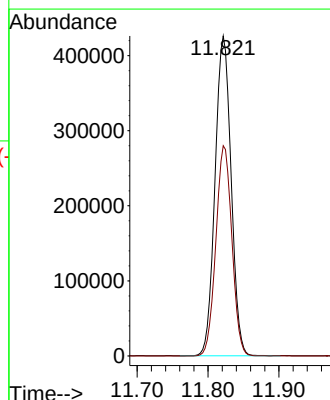
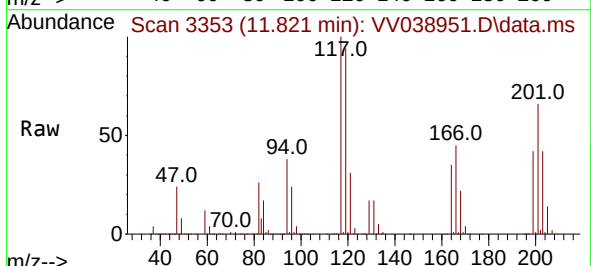
Acq: 13 Aug 2025 14:33

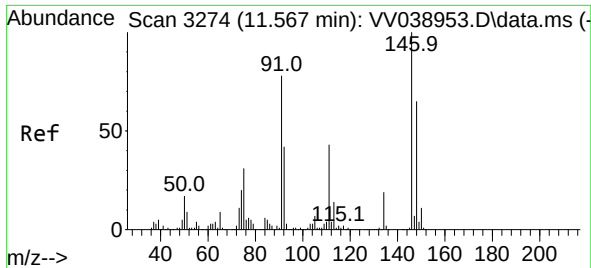
Tgt Ion: 117 Resp: 671221

Ion Ratio Lower Upper

117 100

201 65.5 33.7 101.1

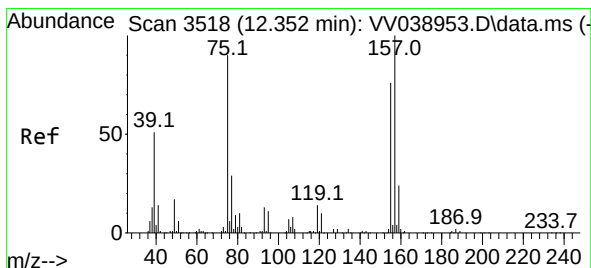
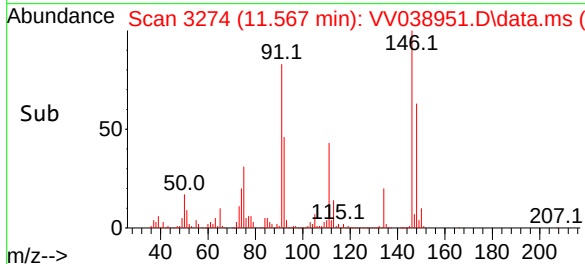
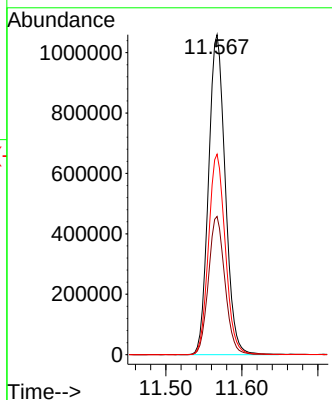
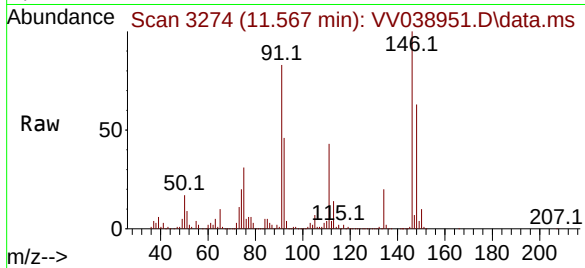




#91
 1,2-Dichlorobenzene
 Concen: 100.364 ug/l
 RT: 11.567 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV038951.D
 Acq: 13 Aug 2025 14:33

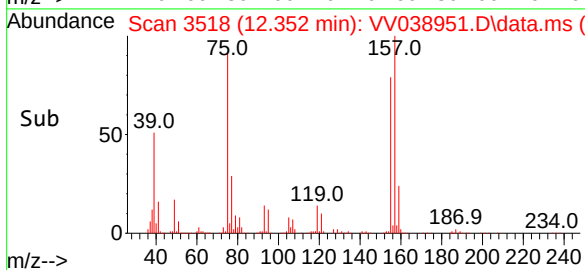
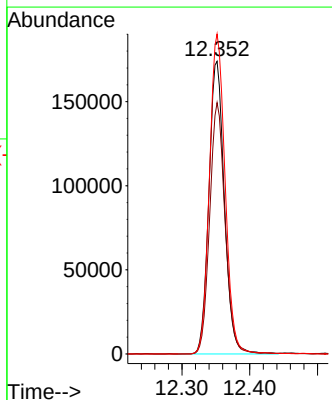
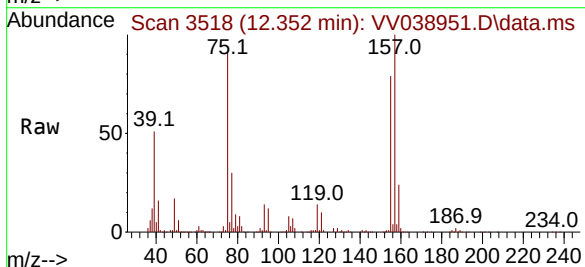
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

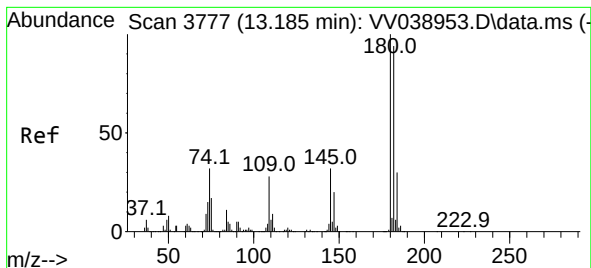
Tgt Ion:146 Resp: 1617571
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.7
 148 63.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 100.069 ug/l
 RT: 12.352 min Scan# 3518
 Delta R.T. 0.000 min
 Lab File: VV038951.D
 Acq: 13 Aug 2025 14:33

Tgt Ion: 75 Resp: 276783
 Ion Ratio Lower Upper
 75 100
 155 84.9 42.3 126.8
 157 110.6 54.7 164.1





#93

1,2,4-Trichlorobenzene

Concen: 111.732 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

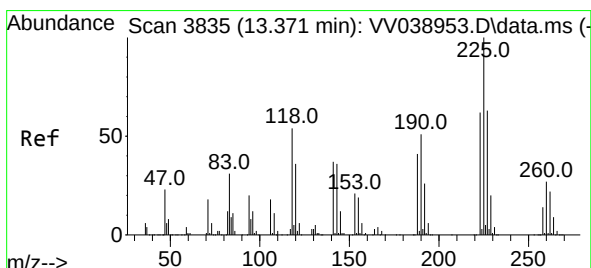
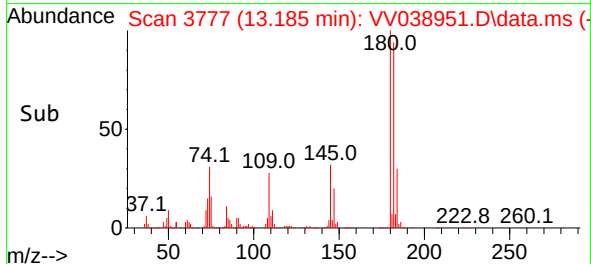
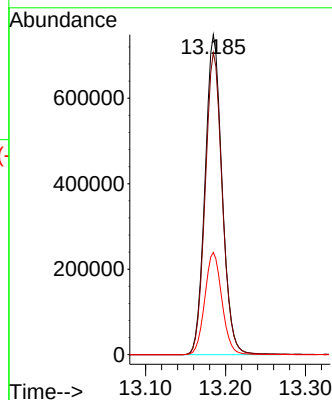
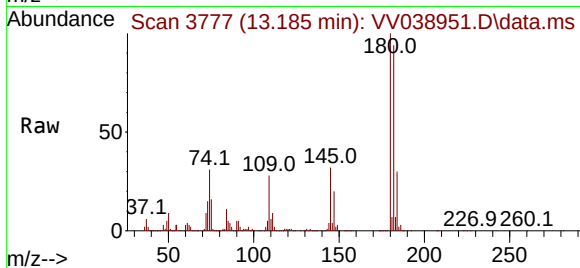
Tgt Ion:180 Resp: 1111329

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 32.2 16.3 48.8



#94

Hexachlorobutadiene

Concen: 98.302 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

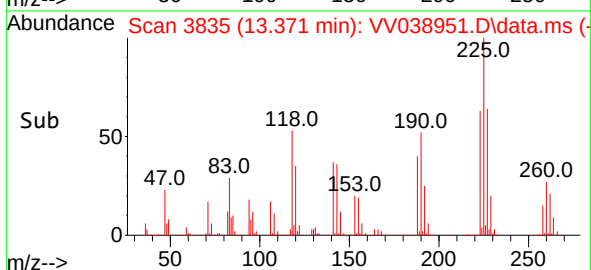
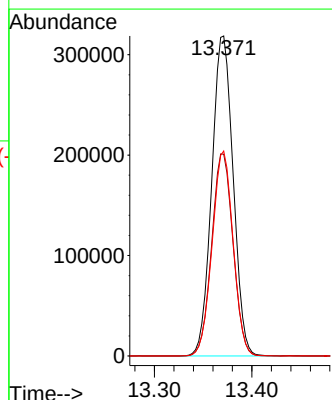
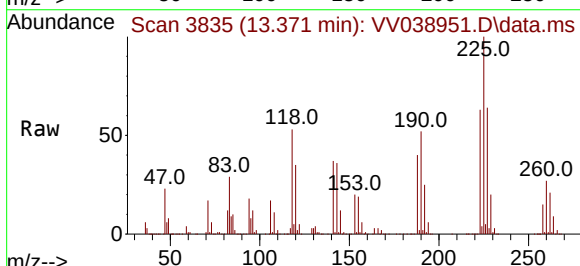
Tgt Ion:225 Resp: 485842

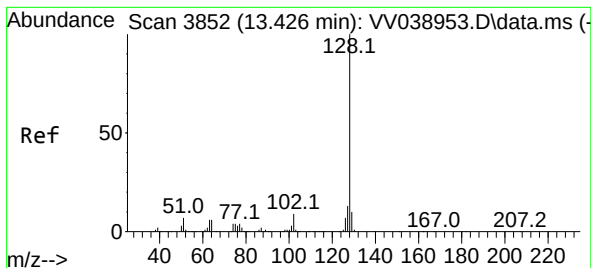
Ion Ratio Lower Upper

225 100

223 63.1 31.6 95.0

227 62.9 32.0 96.0





#95

Naphthalene

Concen: 123.985 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. -0.003 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

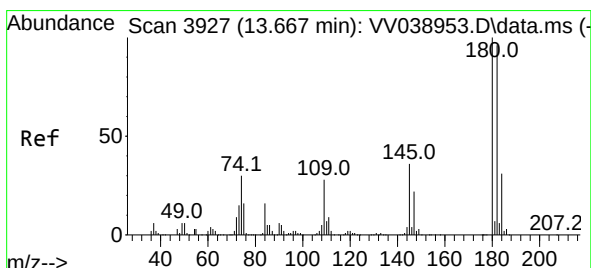
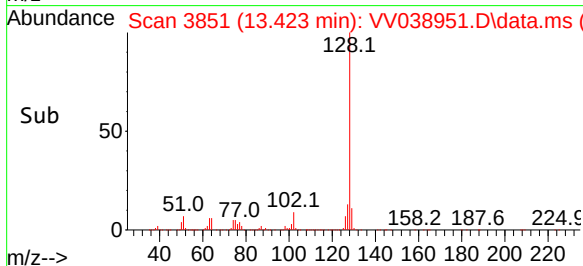
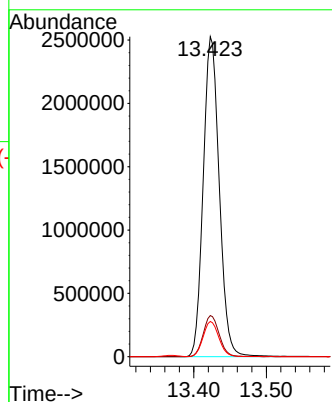
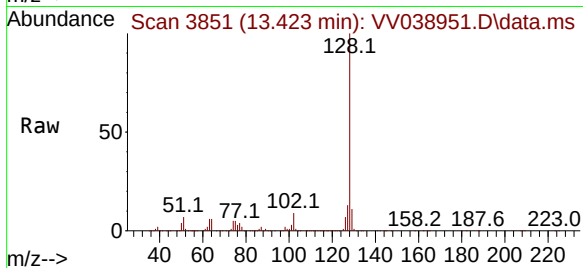
Tgt Ion:128 Resp: 3876760

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 110.955 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. -0.000 min

Lab File: VV038951.D

Acq: 13 Aug 2025 14:33

Tgt Ion:180 Resp: 1117118

Ion Ratio Lower Upper

180 100

182 94.5 48.0 144.0

145 34.5 17.5 52.6

