

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038975.D
 Acq On : 21 Aug 2025 10:17
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 22 03:45:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 03:31:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	493049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	770115	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	738684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	389746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	137174	19.828	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	39.660%#
35) Dibromofluoromethane	4.503	113	118835	20.576	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	41.160%#
50) Toluene-d8	7.236	98	414482	20.581	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	41.160%#
62) 4-Bromofluorobenzene	10.001	95	145467	19.744	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	39.480%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	133170	18.068	ug/l	99
3) Chloromethane	1.230	50	140328	18.432	ug/l	98
4) Vinyl Chloride	1.294	62	135730	16.896	ug/l	99
5) Bromomethane	1.497	94	76753	17.679	ug/l	98
6) Chloroethane	1.561	64	72005	17.627	ug/l	93
7) Trichlorofluoromethane	1.725	101	202353	18.388	ug/l	99
8) Diethyl Ether	1.918	74	60745	17.949	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.079	101	110063	18.119	ug/l	98
10) Methyl Iodide	2.195	142	147214	19.479	ug/l	98
11) Tert butyl alcohol	2.558	59	100756	107.602	ug/l	100
12) 1,1-Dichloroethene	2.079	96	102277	18.278	ug/l	98
13) Acrolein	2.008	56	33864	100.726	ug/l	100
14) Allyl chloride	2.359	41	142005	19.007	ug/l	97
15) Acrylonitrile	2.674	53	323462	113.558	ug/l	98
16) Acetone	2.114	43	257266	92.651	ug/l	100
17) Carbon Disulfide	2.249	76	290919	18.692	ug/l	99
18) Methyl Acetate	2.381	43	125778	21.371	ug/l	95
19) Methyl tert-butyl Ether	2.709	73	353510	21.365	ug/l	96
20) Methylene Chloride	2.455	84	136883	21.213	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	126219	21.656	ug/l	98
22) Diisopropyl ether	3.211	45	348305	21.233	ug/l	97
23) Vinyl Acetate	3.188	43	1421747	108.257	ug/l	96
24) 1,1-Dichloroethane	3.118	63	221234	20.360	ug/l	97
25) 2-Butanone	3.860	43	391716	106.147	ug/l	97
26) 2,2-Dichloropropane	3.809	77	201464	19.328	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	135389	19.246	ug/l	95
28) Bromochloromethane	4.146	49	55788	24.411	ug/l	89
29) Tetrahydrofuran	4.230	42	251836	104.757	ug/l	91
30) Chloroform	4.275	83	245359	19.282	ug/l	98
31) Cyclohexane	4.584	56	188266	19.419	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	218298	18.712	ug/l	99
36) 1,1-Dichloropropene	4.744	75	152312	20.307	ug/l	99
37) Ethyl Acetate	3.973	43	146658	19.022	ug/l	94
38) Carbon Tetrachloride	4.735	117	187355	18.653	ug/l	99
39) Methylcyclohexane	6.043	83	188639	19.683	ug/l	93
40) Benzene	5.008	78	493541	21.009	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	57745	19.814	ug/l	97
42) 1,2-Dichloroethane	5.040	62	168343	19.601	ug/l	99
43) Isopropyl Acetate	5.188	43	220954	19.889	ug/l	97
44) Trichloroethene	5.831	130	120625	18.930	ug/l	94
45) 1,2-Dichloropropane	6.088	63	122368	21.719	ug/l	96
46) Dibromomethane	6.227	93	92422	19.550	ug/l	96
47) Bromodichloromethane	6.426	83	189626	19.709	ug/l	99
48) Methyl methacrylate	6.297	41	99334	20.192	ug/l	95
49) 1,4-Dioxane	6.288	88	34249	398.670	ug/l	96
51) 4-Methyl-2-Pentanone	7.143	43	808270	108.428	ug/l	98
52) Toluene	7.307	92	310827	20.892	ug/l	98
53) t-1,3-Dichloropropene	7.574	75	174587	19.411	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	195164	20.942	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	128426	19.798	ug/l	97
56) Ethyl methacrylate	7.715	69	156208	16.834	ug/l	98
57) 1,3-Dichloropropane	7.934	76	202191	19.989	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	439082	101.454	ug/l	97
59) 2-Hexanone	8.063	43	592514	85.746	ug/l	97
60) Dibromochloromethane	8.166	129	152342	19.449	ug/l	100
61) 1,2-Dibromoethane	8.275	107	136218	20.240	ug/l	98
64) Tetrachloroethene	7.895	164	108840	19.802	ug/l	98
65) Chlorobenzene	8.805	112	344406	19.337	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	125776	19.672	ug/l	98
67) Ethyl Benzene	8.937	91	546149	20.087	ug/l	100
68) m/p-Xylenes	9.063	106	450062	42.621	ug/l	99
69) o-Xylene	9.468	106	197804	20.552	ug/l	95
70) Styrene	9.487	104	357594	21.656	ug/l	99
71) Bromoform	9.654	173	103675	19.646	ug/l	99
73) Isopropylbenzene	9.857	105	561962	21.487	ug/l	100
74) N-amyl acetate	9.725	43	196570	20.696	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	206468	19.878	ug/l	98
76) 1,2,3-Trichloropropane	10.198	75	149251	20.824	ug/l	98
77) Bromobenzene	10.140	156	141847	21.110	ug/l	98
78) n-propylbenzene	10.278	91	680632	21.797	ug/l	99
79) 2-Chlorotoluene	10.349	91	415958	21.704	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	441294	20.050	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	65212	20.710	ug/l	96
82) 4-Chlorotoluene	10.461	91	425956	19.712	ug/l	98
83) tert-Butylbenzene	10.789	119	412752	18.886	ug/l	97
84) 1,2,4-Trimethylbenzene	10.841	105	422791	20.073	ug/l	99
85) sec-Butylbenzene	11.011	105	556915	19.594	ug/l	99
86) p-Isopropyltoluene	11.165	119	481435	20.114	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	258827	19.507	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	270145	19.087	ug/l	99
89) n-Butylbenzene	11.580	91	491308	21.069	ug/l	100
90) Hexachloroethane	11.821	117	112471	20.332	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	266153	21.037	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	42681	21.129	ug/l	94
93) 1,2,4-Trichlorobenzene	13.185	180	156598	20.742	ug/l	99
94) Hexachlorobutadiene	13.368	225	81040	20.821	ug/l	97
95) Naphthalene	13.426	128	488193	20.490	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	165134	21.692	ug/l	99

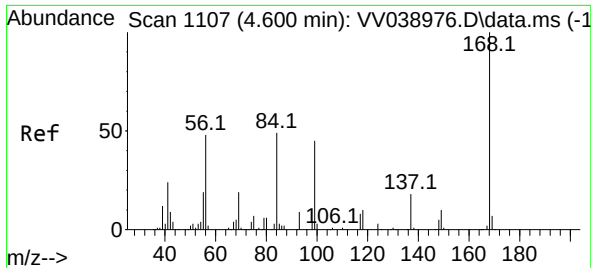
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Response via : Initial Calibration

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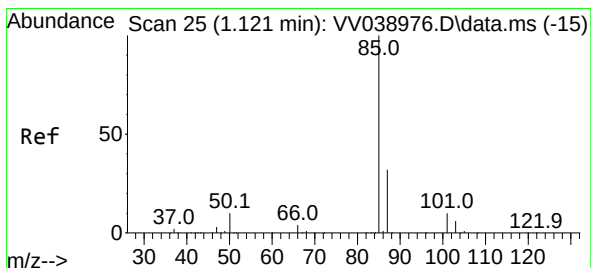
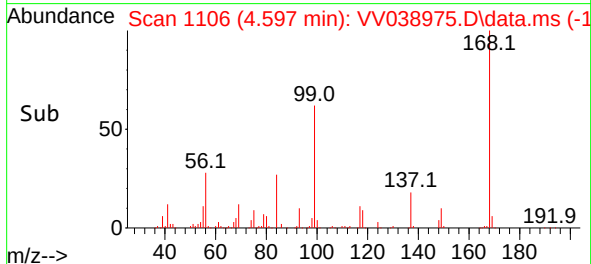
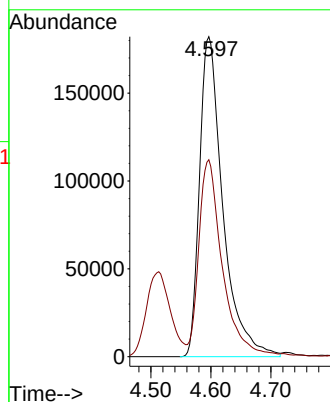
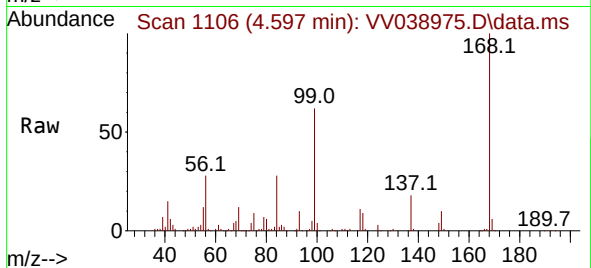
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

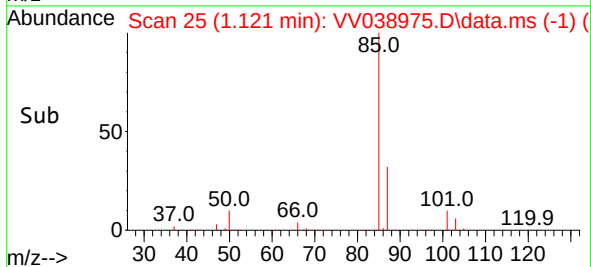
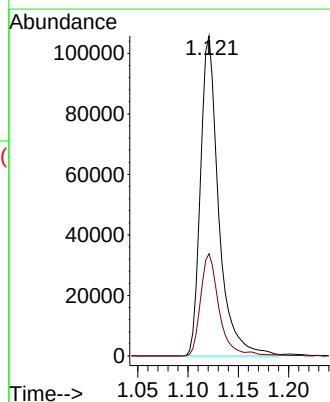
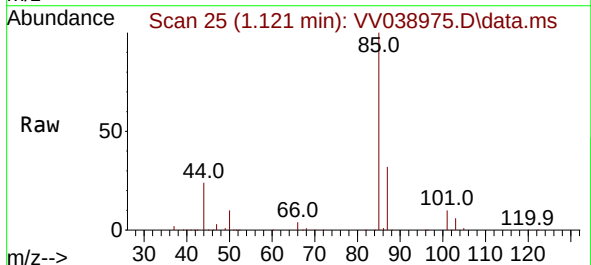
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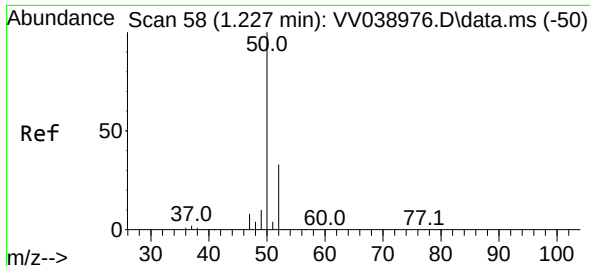
Tgt Ion:168 Resp: 493049
Ion Ratio Lower Upper
168 100
99 60.6 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 18.068 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 85 Resp: 133170
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.3

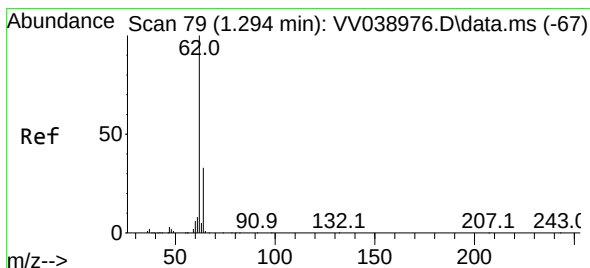
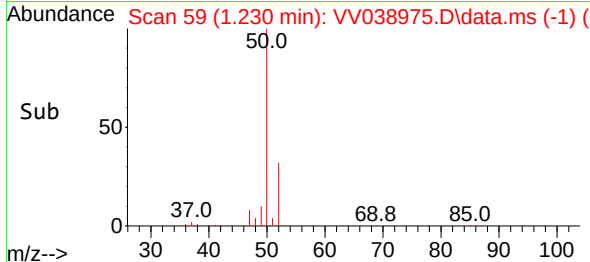
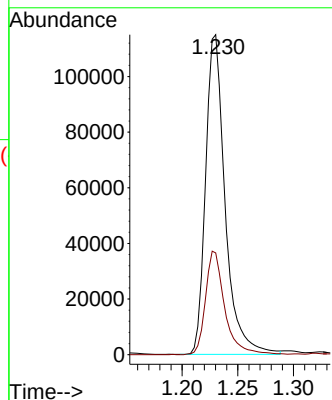
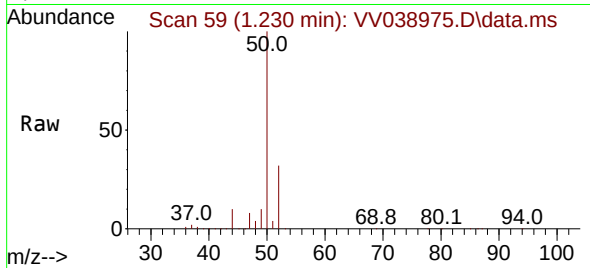




#3
Chloromethane
Concen: 18.432 ug/l
RT: 1.230 min Scan# 58
Delta R.T. 0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

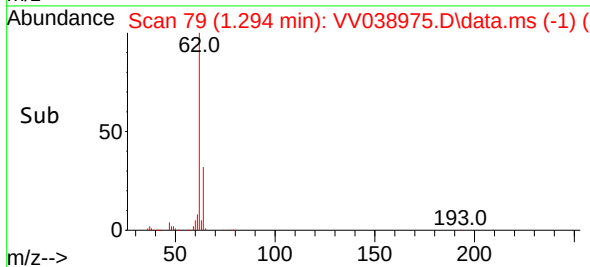
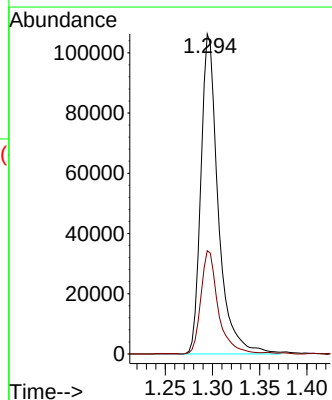
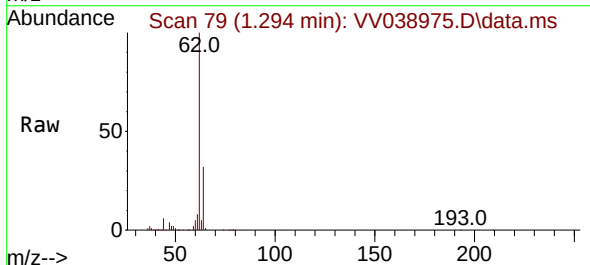
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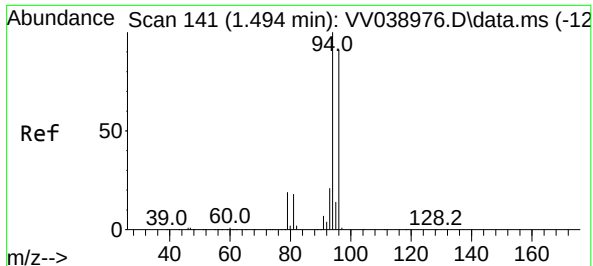
Tgt Ion: 50 Resp: 140328
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.2



#4
Vinyl Chloride
Concen: 16.896 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 62 Resp: 135730
Ion Ratio Lower Upper
62 100
64 32.2 26.4 39.6

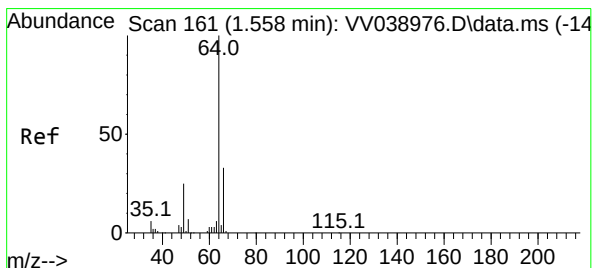
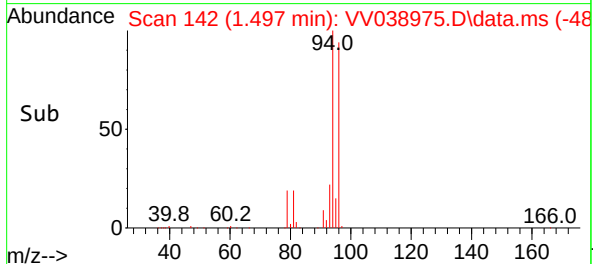
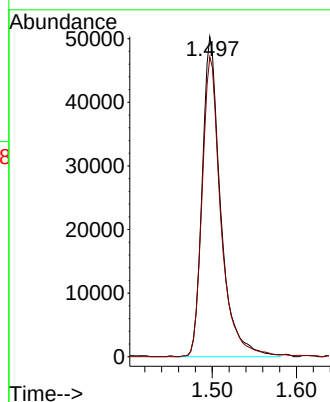
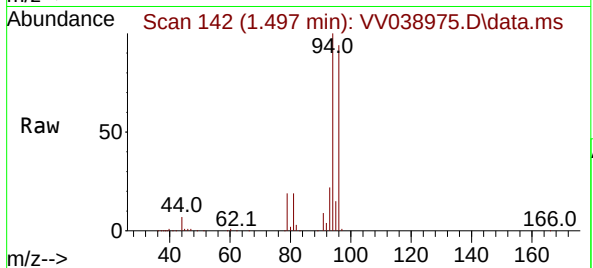




#5
Bromomethane
Concen: 17.679 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

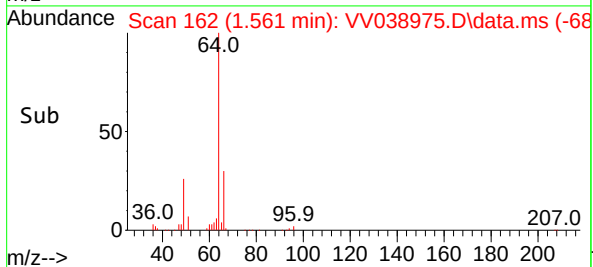
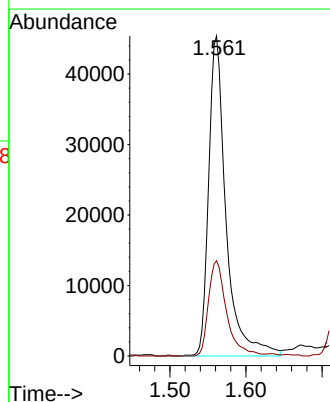
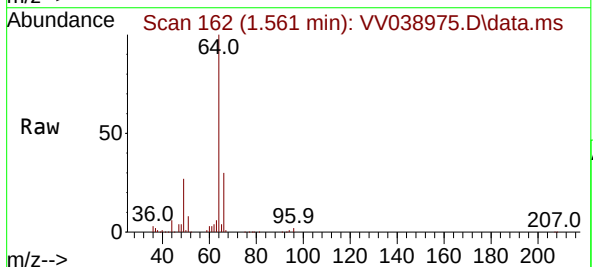
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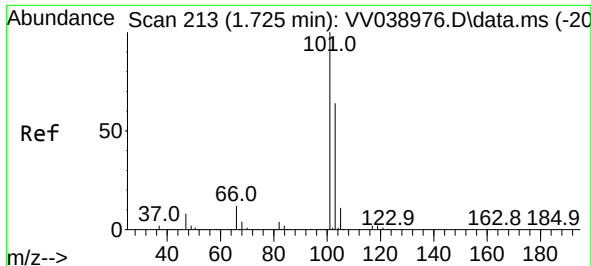
Tgt Ion: 94 Resp: 76753
Ion Ratio Lower Upper
94 100
96 93.6 73.1 109.7



#6
Chloroethane
Concen: 17.627 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 64 Resp: 72005
Ion Ratio Lower Upper
64 100
66 29.8 26.8 40.2

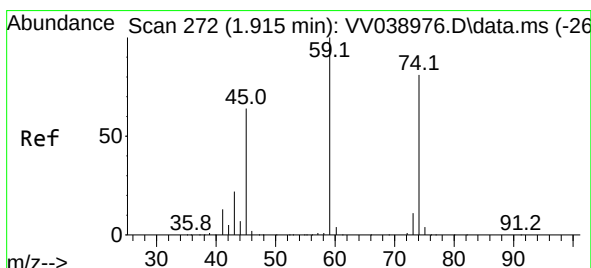
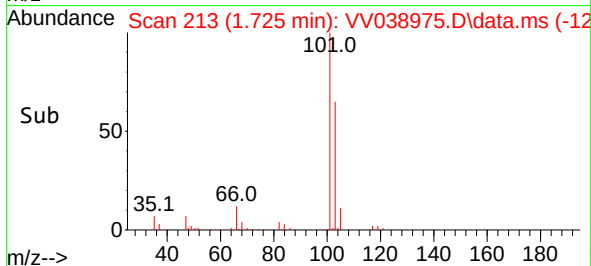
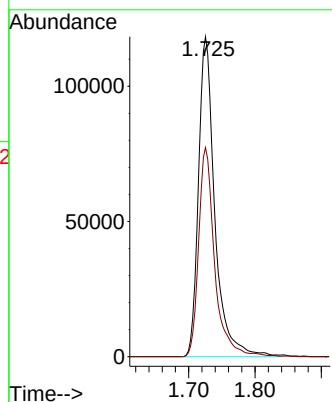
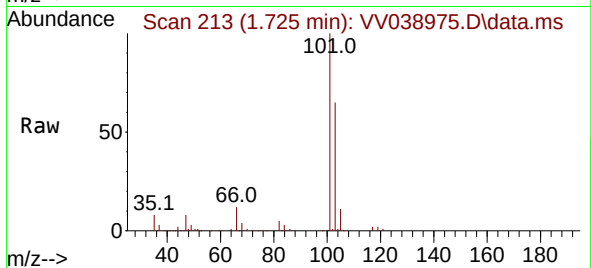




#7
 Trichlorofluoromethane
 Concen: 18.388 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV038975.D
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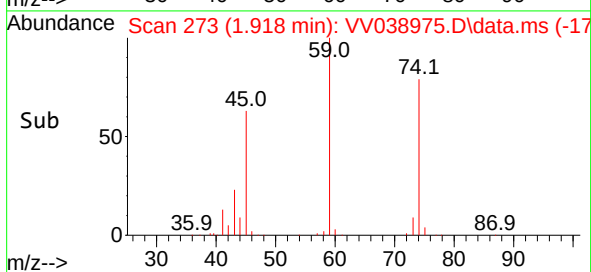
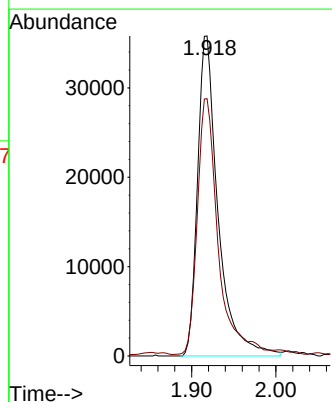
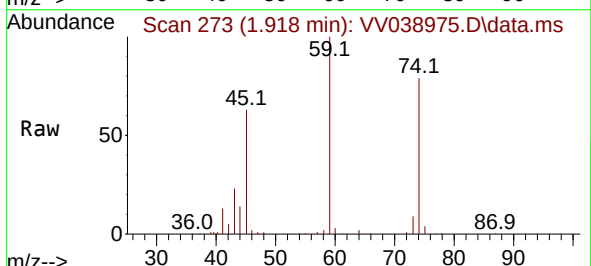
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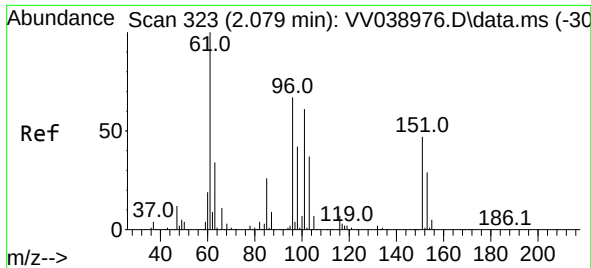
Tgt Ion:101 Resp: 202353
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.2



#8
 Diethyl Ether
 Concen: 17.949 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038975.D
 Acq: 21 Aug 2025 10:17

Tgt Ion: 74 Resp: 60745
 Ion Ratio Lower Upper
 74 100
 45 81.0 39.8 119.4

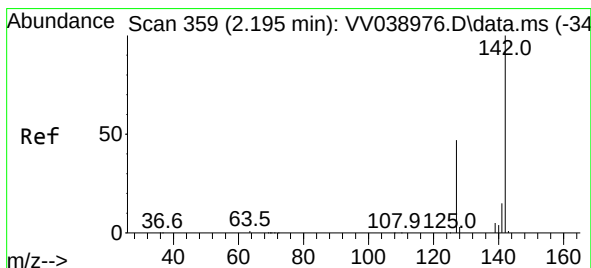
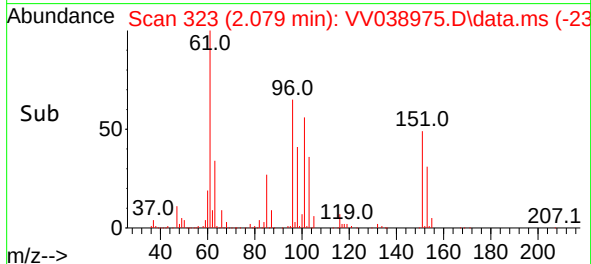
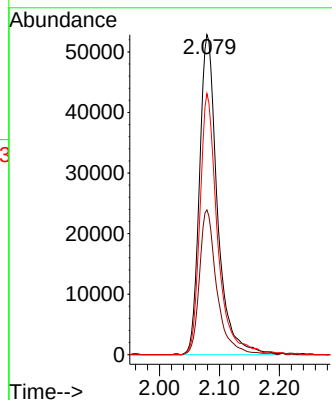
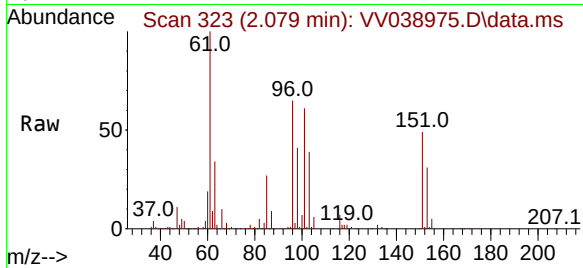




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.119 ug/l
RT: 2.079 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV038975.D
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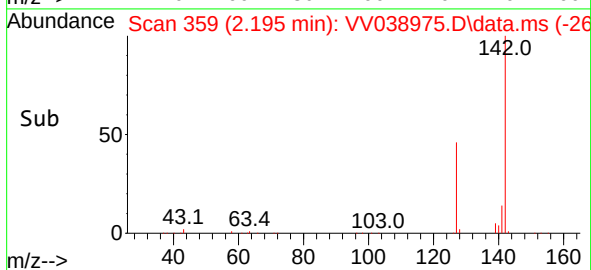
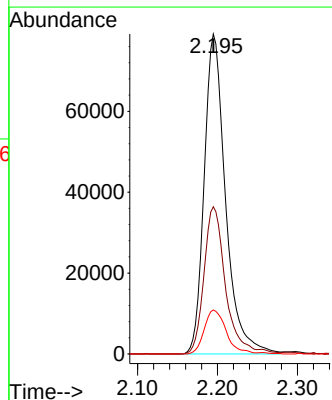
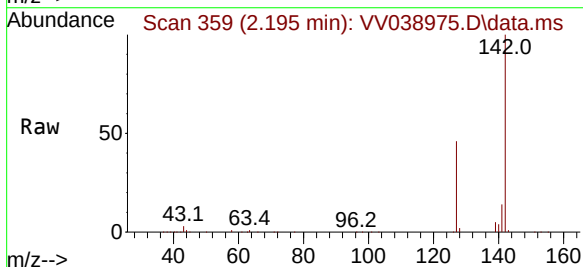
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

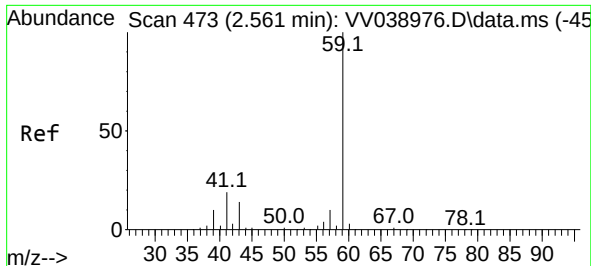
Tgt Ion:101 Resp: 110063
Ion Ratio Lower Upper
101 100
85 44.1 34.6 51.8
151 79.8 62.1 93.1



#10
Methyl Iodide
Concen: 19.479 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion:142 Resp: 147214
Ion Ratio Lower Upper
142 100
127 46.5 38.6 57.8
141 14.1 11.4 17.2

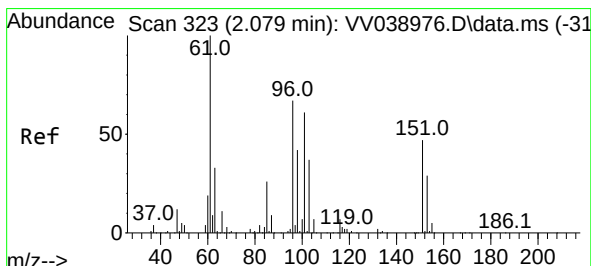
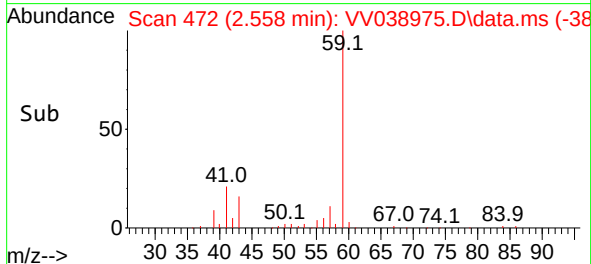
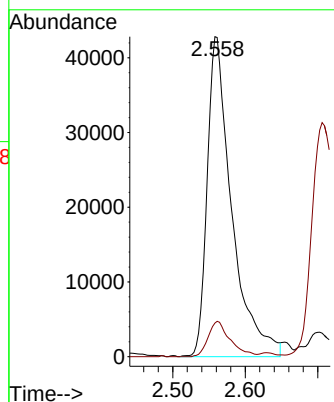
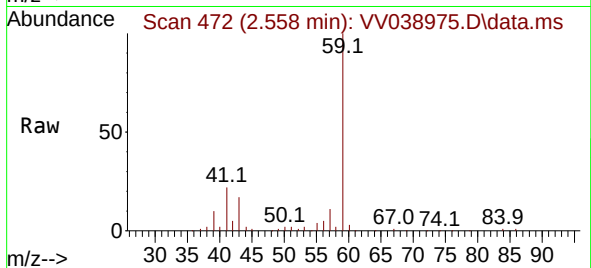




#11
Tert butyl alcohol
Concen: 107.602 ug/l
RT: 2.558 min Scan# 411
Delta R.T. -0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

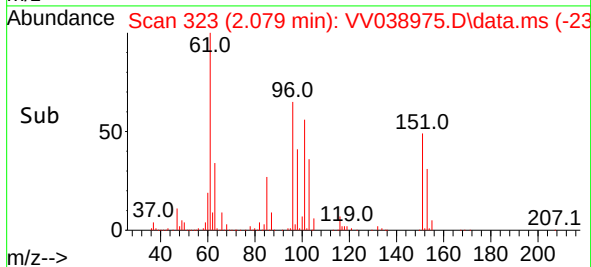
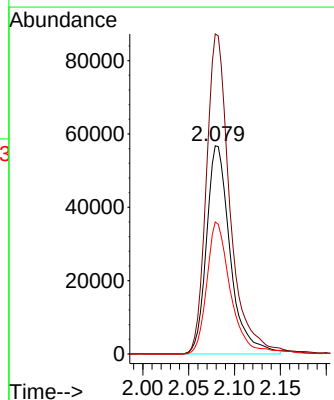
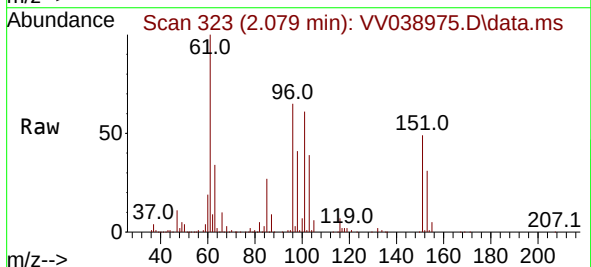
Instrument :
MSVOA_V
ClientSampleId :
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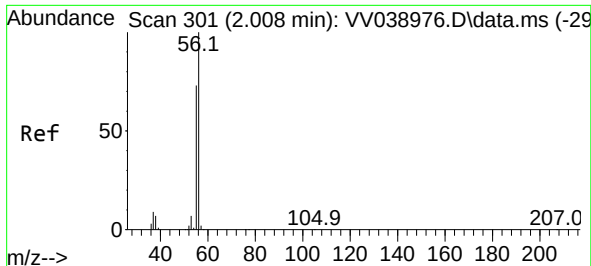
Tgt Ion: 59 Resp: 100756
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 18.278 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 96 Resp: 102277
Ion Ratio Lower Upper
96 100
61 153.8 119.8 179.8
98 63.5 50.2 75.2

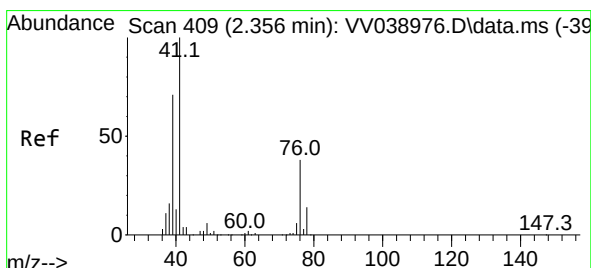
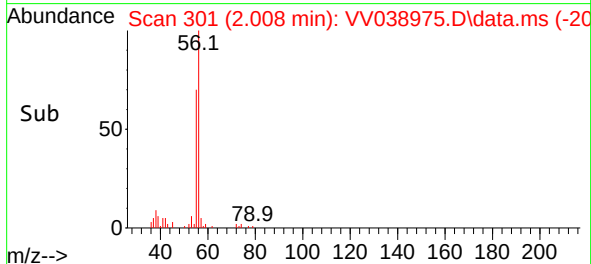
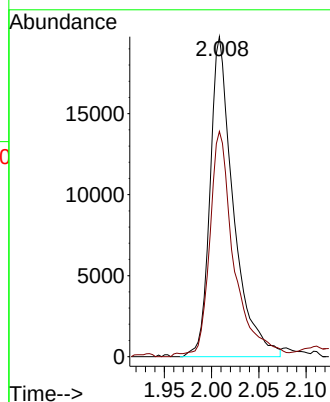
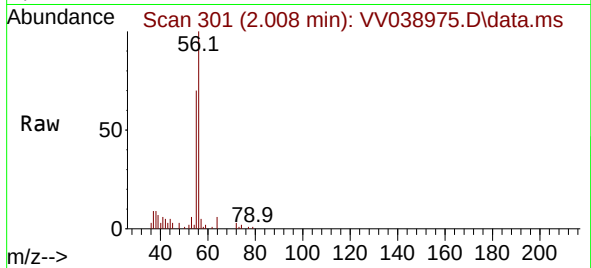




#13
Acrolein
Concen: 100.726 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

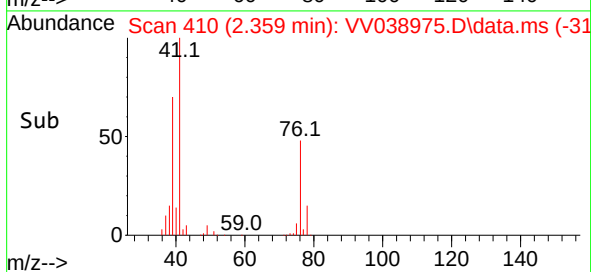
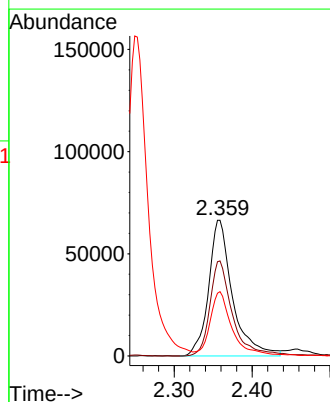
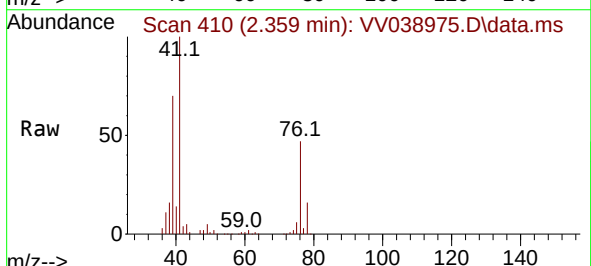
Instrument :
MSVOA_V
ClientSampleId :
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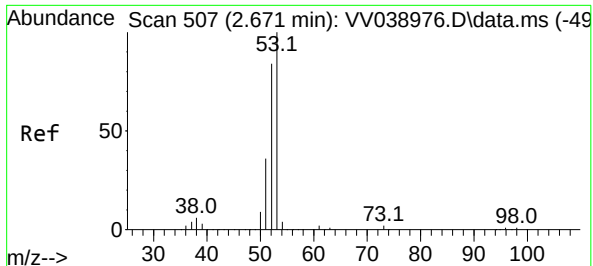
Tgt Ion: 56 Resp: 33864
Ion Ratio Lower Upper
56 100
55 73.4 58.8 88.2



#14
Allyl chloride
Concen: 19.007 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 41 Resp: 142005
Ion Ratio Lower Upper
41 100
39 66.6 55.0 82.4
76 41.5 35.6 53.4

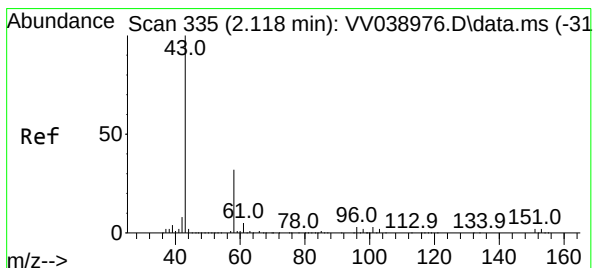
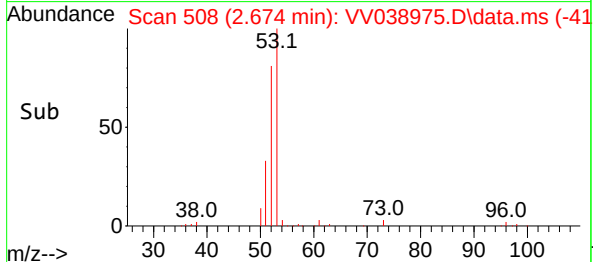
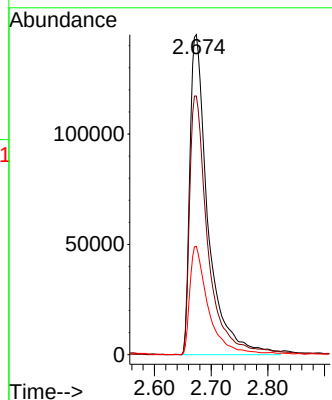
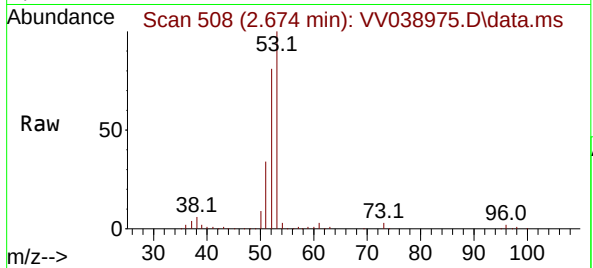




#15
Acrylonitrile
Concen: 113.558 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

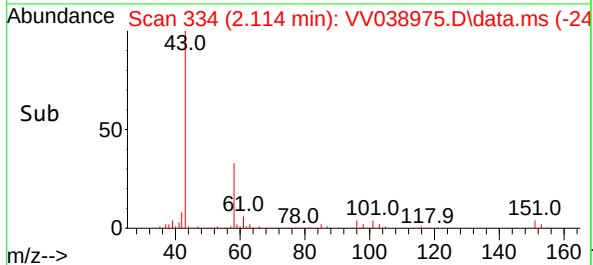
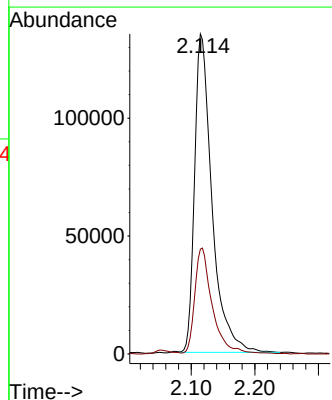
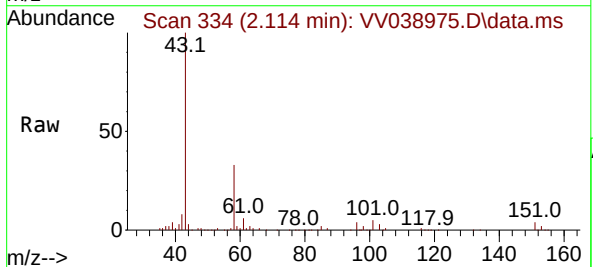
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

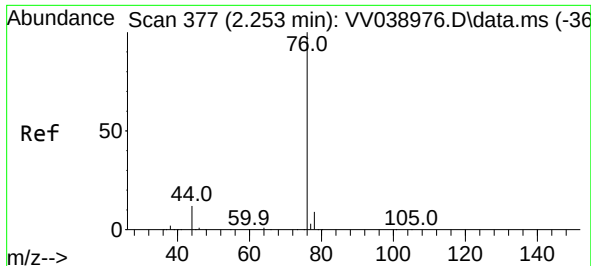
Tgt Ion: 53 Resp: 323462
Ion Ratio Lower Upper
53 100
52 81.1 66.2 99.4
51 34.2 28.5 42.7



#16
Acetone
Concen: 92.651 ug/l
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 43 Resp: 257266
Ion Ratio Lower Upper
43 100
58 32.7 26.3 39.5

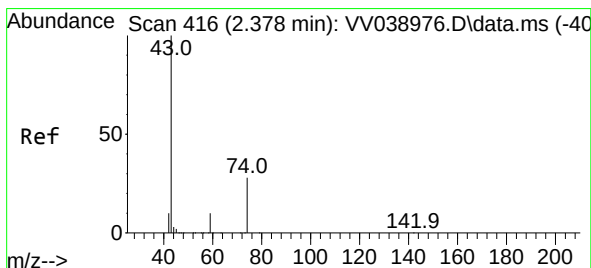
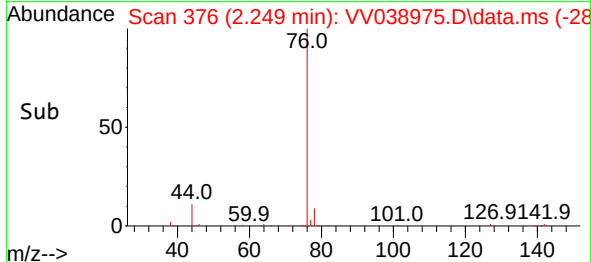
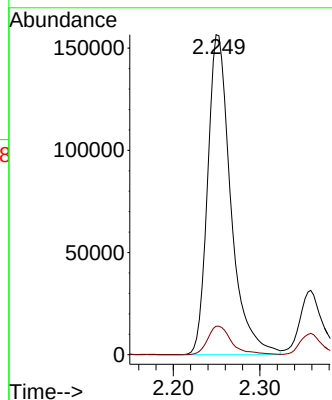
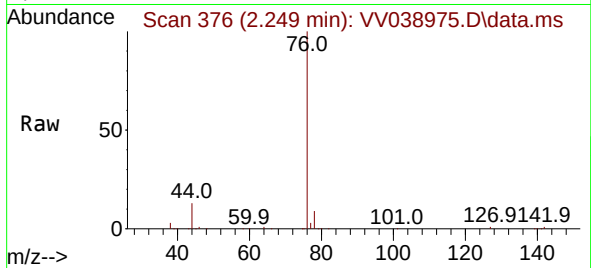




#17
Carbon Disulfide
Concen: 18.692 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

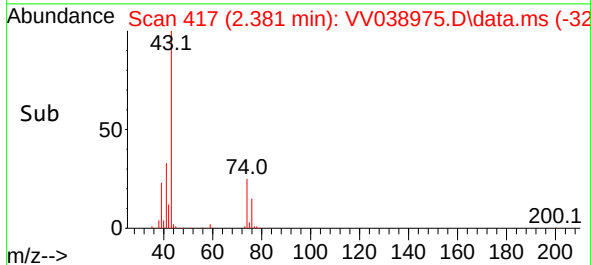
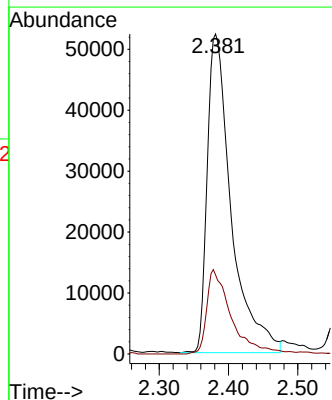
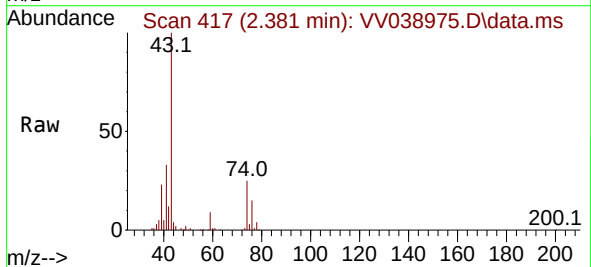
Instrument :
MSVOA_V
ClientSampleId :
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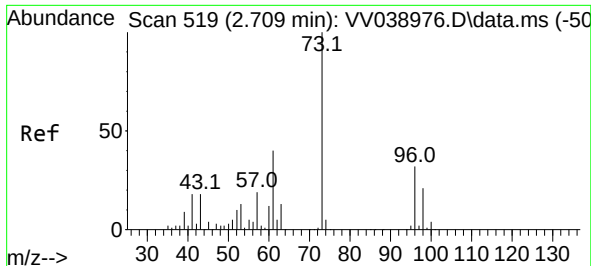
Tgt Ion: 76 Resp: 290919
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 21.371 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 43 Resp: 125778
Ion Ratio Lower Upper
43 100
74 26.9 23.5 35.3

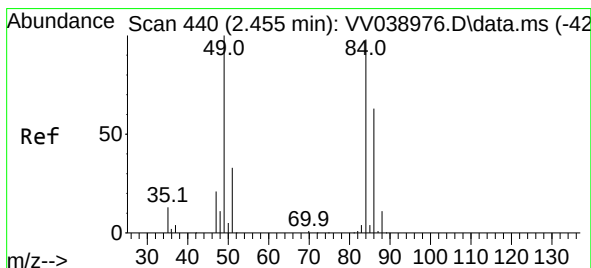
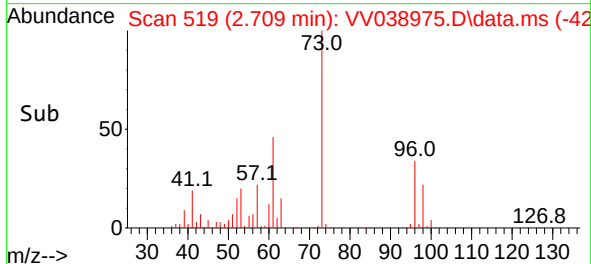
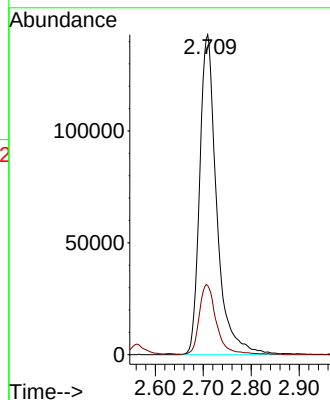
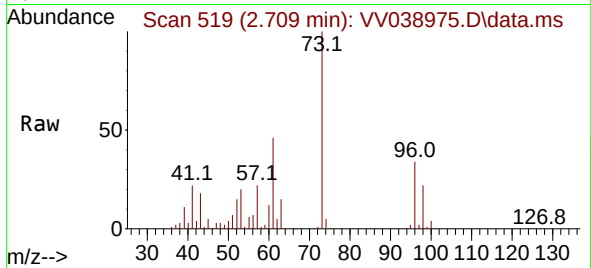




#19
Methyl tert-butyl Ether
Concen: 21.365 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

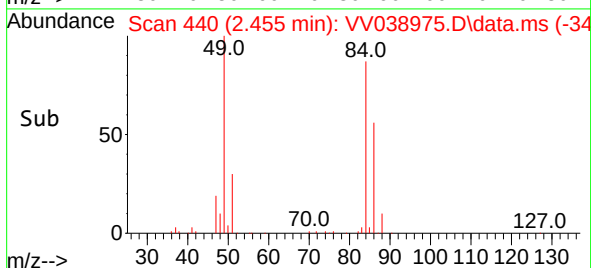
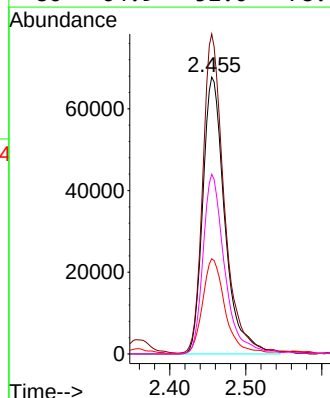
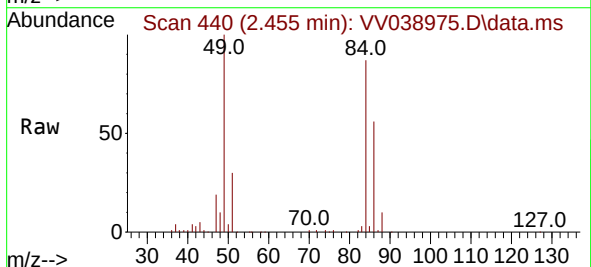
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

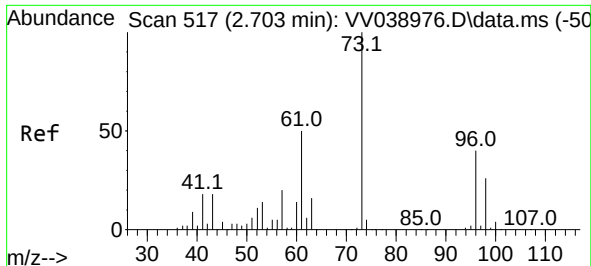
Tgt Ion: 73 Resp: 353510
Ion Ratio Lower Upper
73 100
57 21.5 15.7 23.5



#20
Methylene Chloride
Concen: 21.213 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 84 Resp: 136883
Ion Ratio Lower Upper
84 100
49 115.2 81.9 122.9
51 34.3 26.9 40.3
86 64.9 52.0 78.0

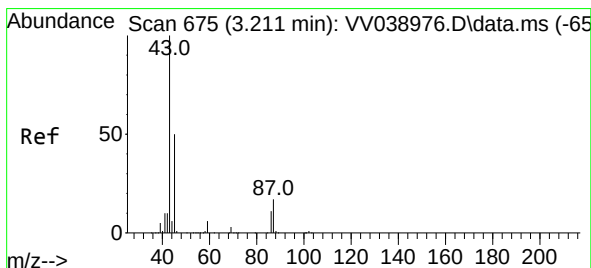
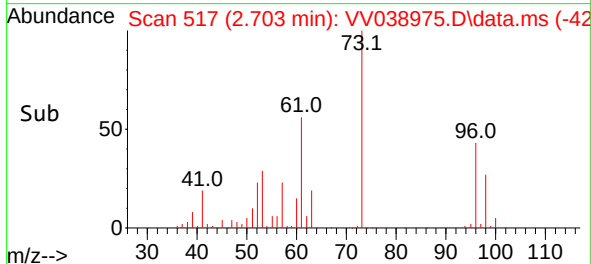
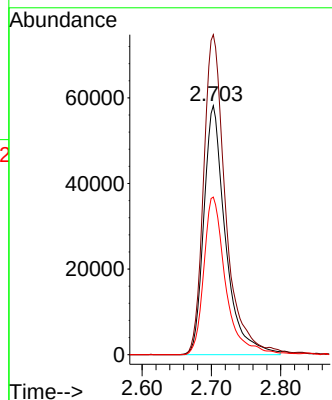
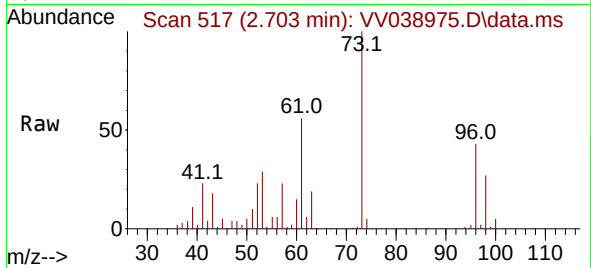




#21
trans-1,2-Dichloroethene
Concen: 21.656 ug/l
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

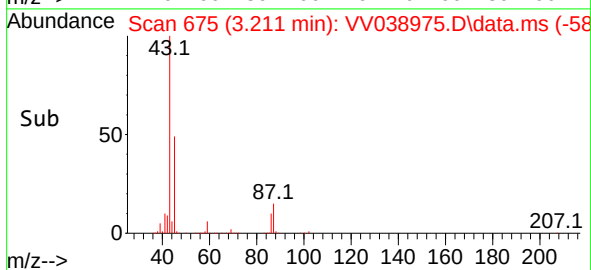
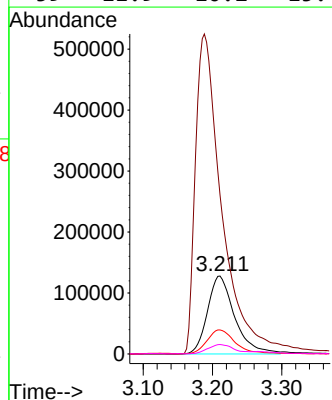
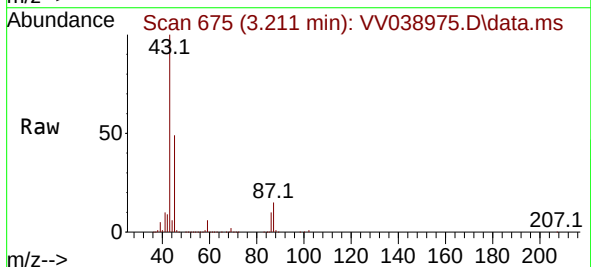
Instrument :
MSVOA_V
ClientSampleId :
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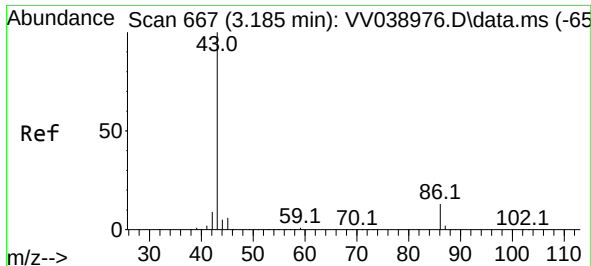
Tgt Ion: 96 Resp: 126219
Ion Ratio Lower Upper
96 100
61 128.5 100.6 151.0
98 63.3 51.5 77.3



#22
Diisopropyl ether
Concen: 21.233 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 45 Resp: 348305
Ion Ratio Lower Upper
45 100
43 203.6 159.4 239.0
87 30.5 27.5 41.3
59 11.9 10.2 15.4

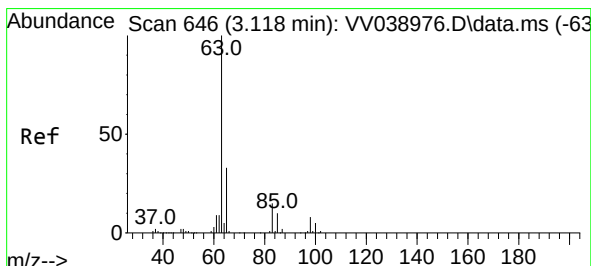
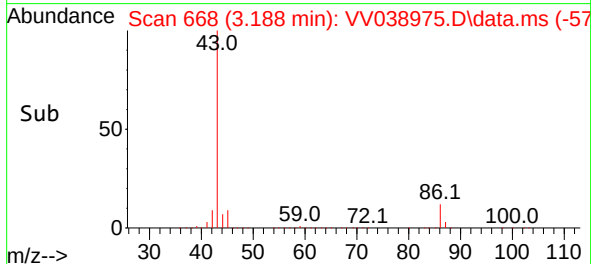
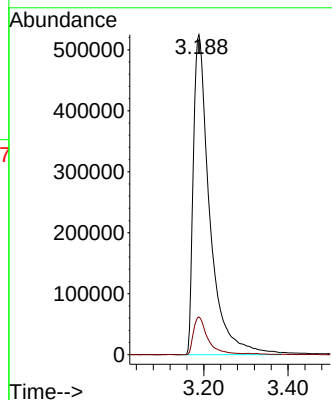
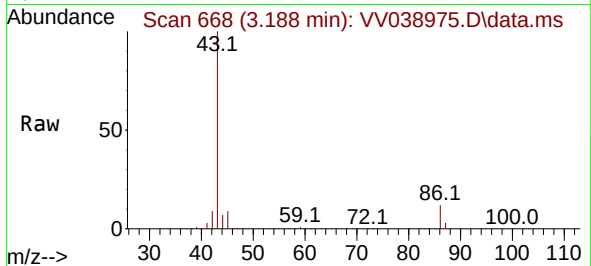




#23
 Vinyl Acetate
 Concen: 108.257 ug/l
 RT: 3.188 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV038975.D
 Acq: 21 Aug 2025 10:17

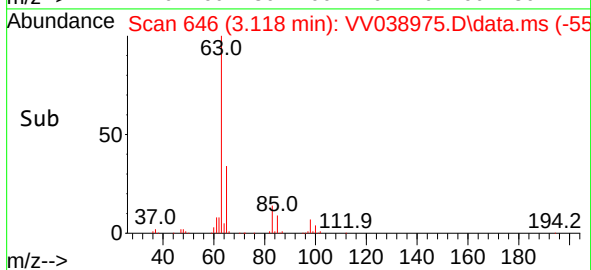
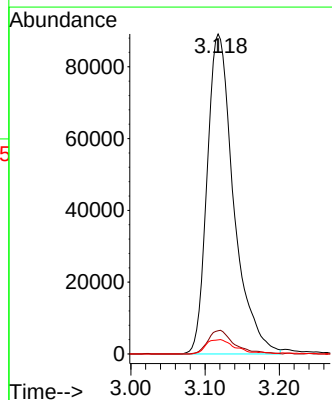
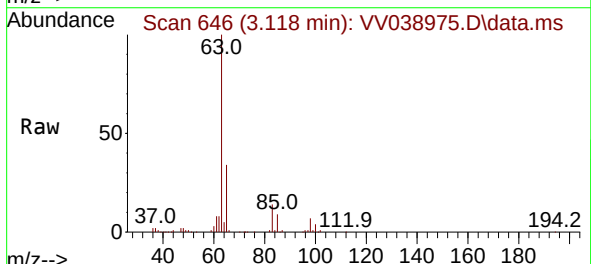
Instrument :
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 ClientSampleId :
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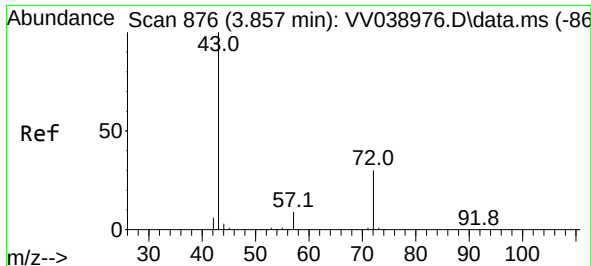
Tgt Ion: 43 Resp: 1421747
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 20.360 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV038975.D
 Acq: 21 Aug 2025 10:17

Tgt Ion: 63 Resp: 221234
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.3 12.8
 100 4.4 2.6 8.0

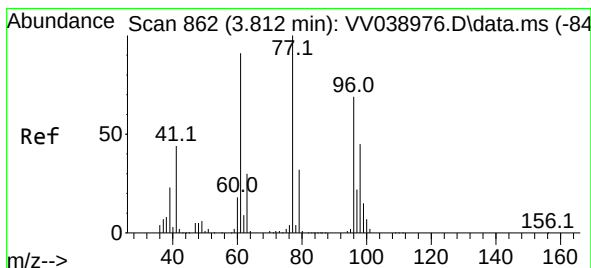
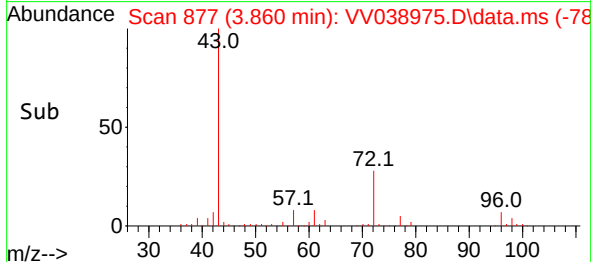
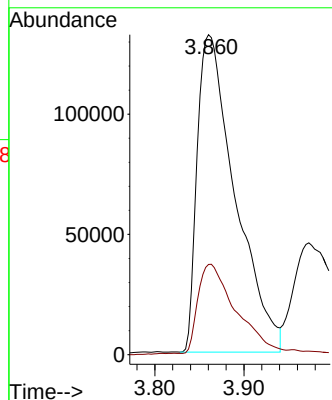
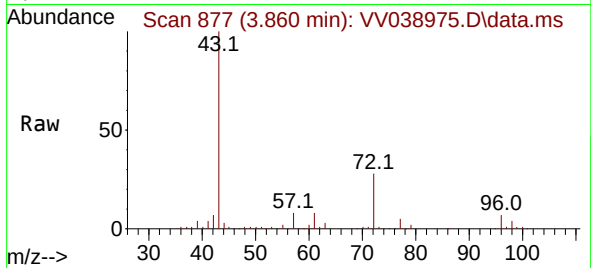




#25
2-Butanone
Concen: 106.147 ug/l
RT: 3.860 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

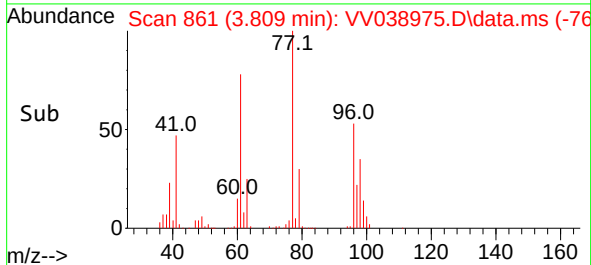
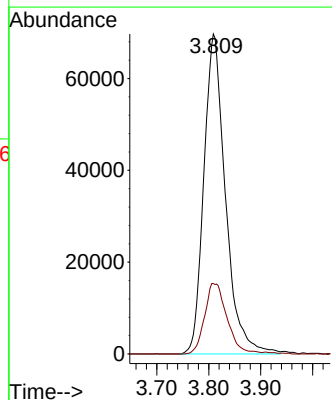
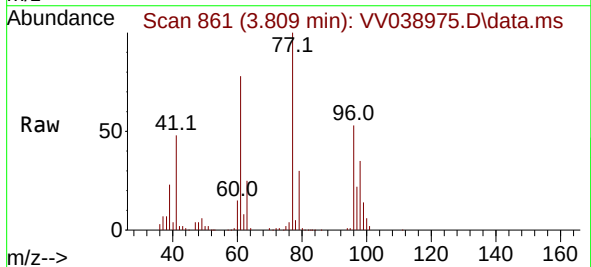
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

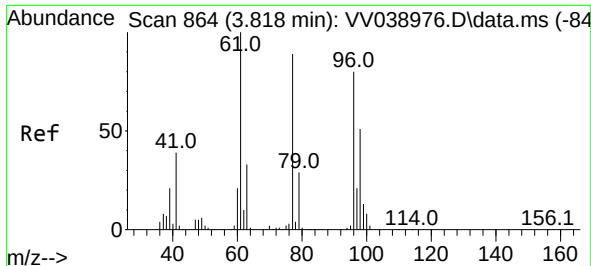
Tgt Ion: 43 Resp: 391716
Ion Ratio Lower Upper
43 100
72 28.0 23.9 35.9



#26
2,2-Dichloropropane
Concen: 19.328 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 77 Resp: 201464
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.8



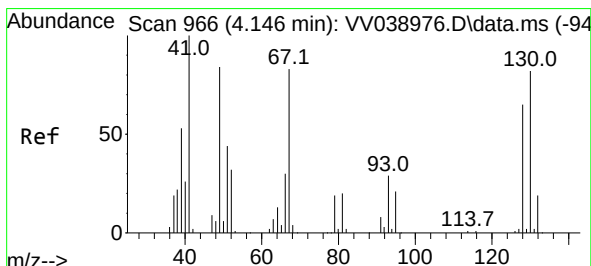
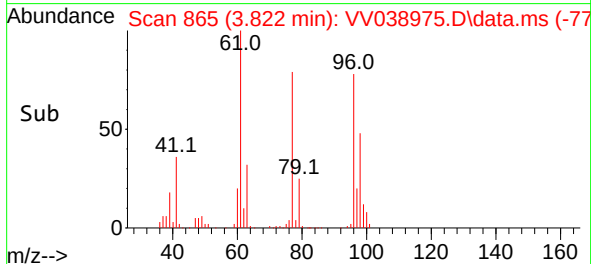
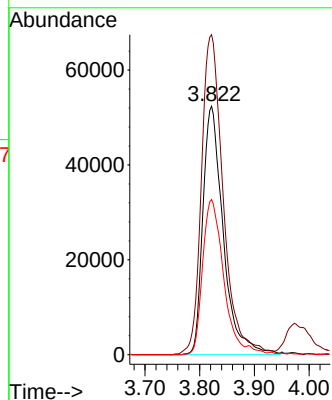
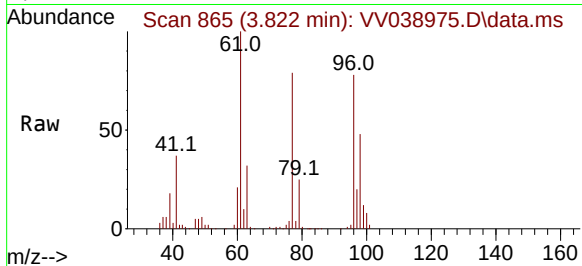


#27
 cis-1,2-Dichloroethene
 Concen: 19.246 ug/l
 RT: 3.822 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV038975.D
 Acq: 21 Aug 2025 10:17

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 135389

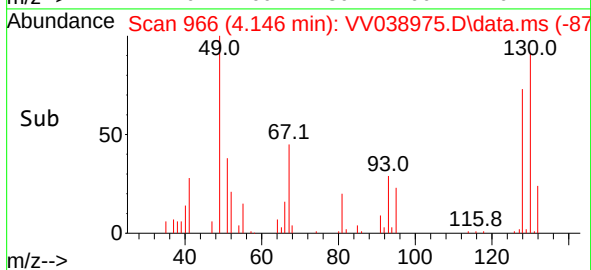
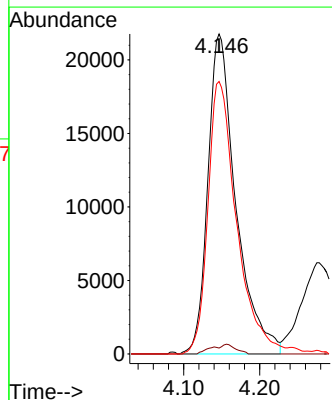
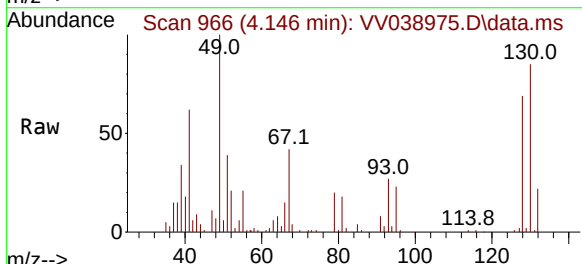
Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	264.4
98	62.8	0.0	131.8

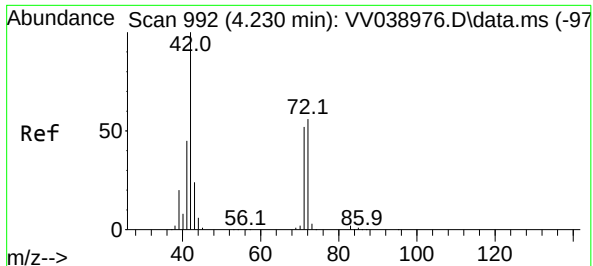


#28
 Bromochloromethane
 Concen: 24.411 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV038975.D
 Acq: 21 Aug 2025 10:17

Tgt Ion: 49 Resp: 55788

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.2
130	87.2	78.2	117.2





#29

Tetrahydrofuran

Concen: 104.757 ug/l

RT: 4.230 min Scan# 992

Delta R.T. -0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

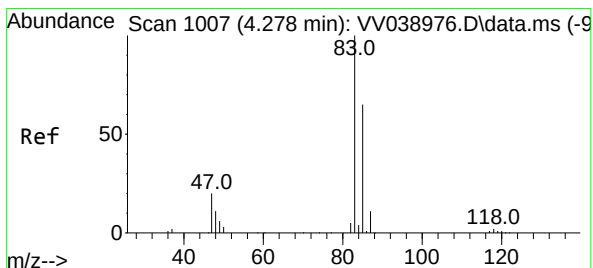
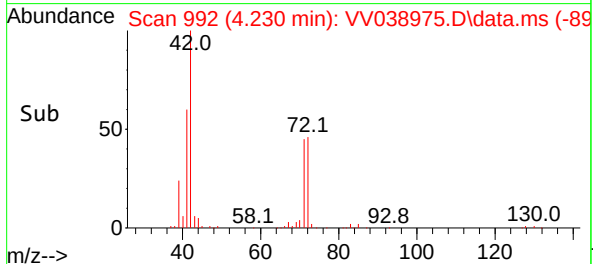
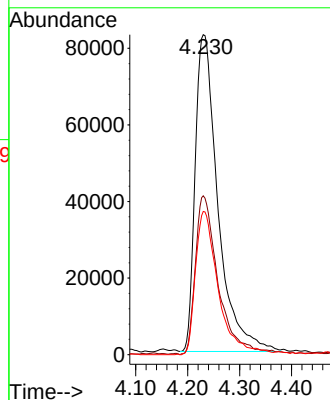
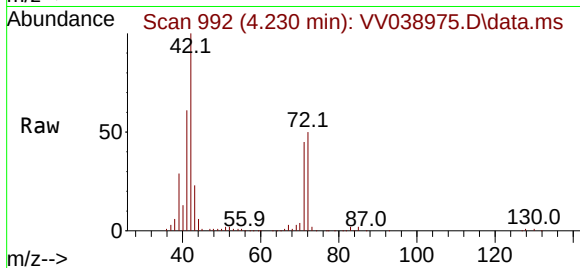
Tgt Ion: 42 Resp: 251836

Ion Ratio Lower Upper

42 100

72 49.9 44.6 66.8

71 44.3 41.6 62.4



#30

Chloroform

Concen: 19.282 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV038975.D

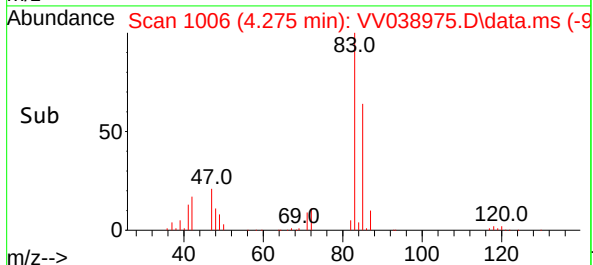
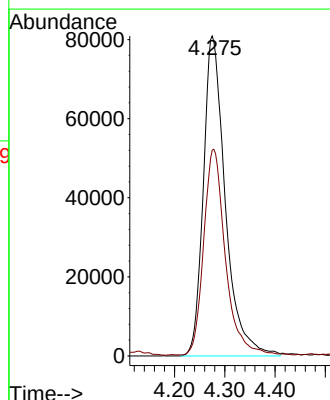
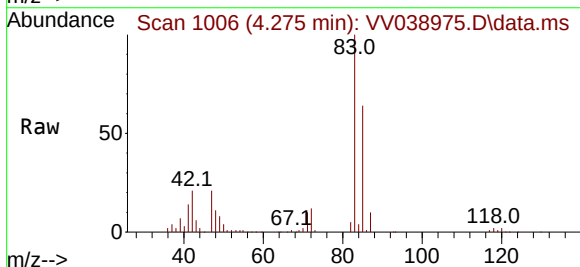
Acq: 21 Aug 2025 10:17

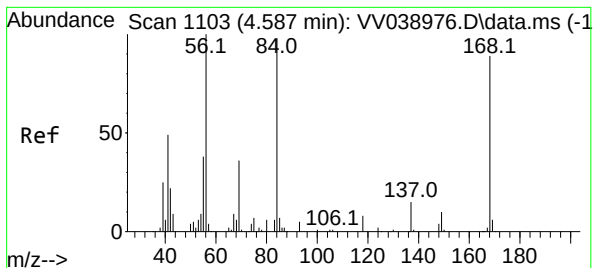
Tgt Ion: 83 Resp: 245359

Ion Ratio Lower Upper

83 100

85 64.0 52.2 78.2





#31

Cyclohexane

Concen: 19.419 ug/l

RT: 4.584 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

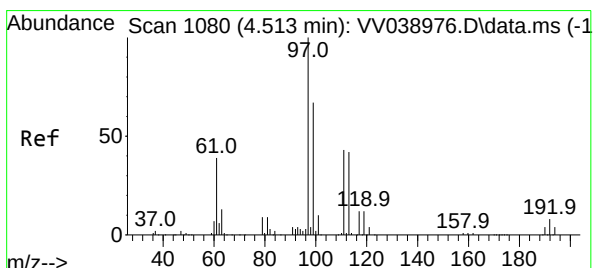
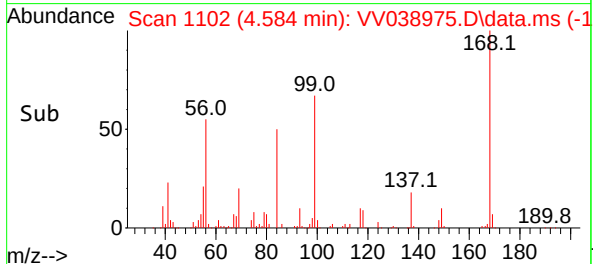
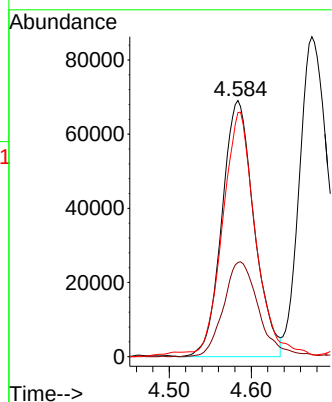
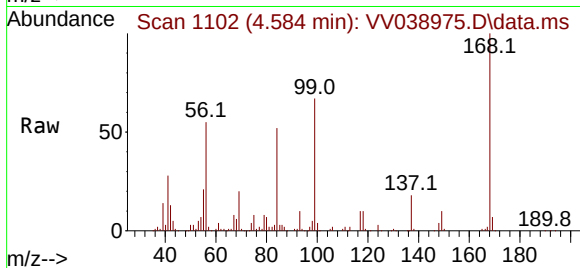
Tgt Ion: 56 Resp: 188266

Ion Ratio Lower Upper

56 100

69 36.8 28.6 42.8

84 93.6 78.1 117.1



#32

1,1,1-Trichloroethane

Concen: 18.712 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

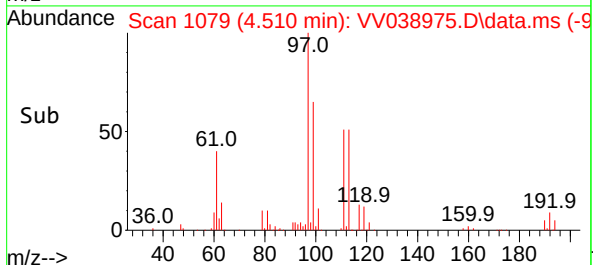
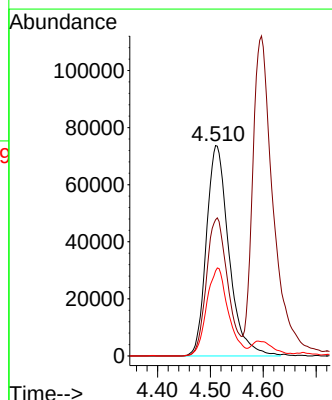
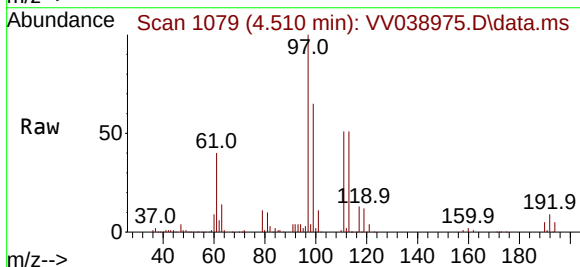
Tgt Ion: 97 Resp: 218298

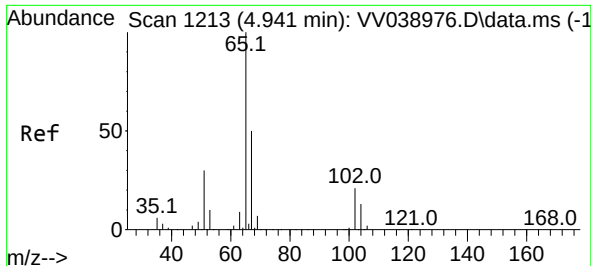
Ion Ratio Lower Upper

97 100

99 61.6 49.5 74.3

61 40.5 30.9 46.3





#33

1,2-Dichloroethane-d4

Concen: 19.828 ug/l

RT: 4.941 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

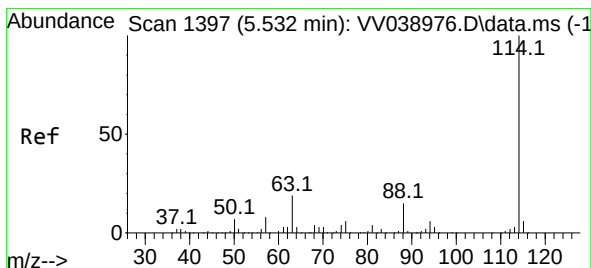
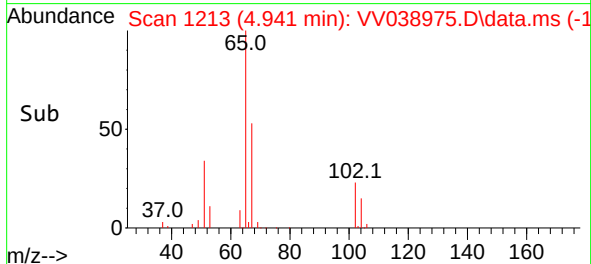
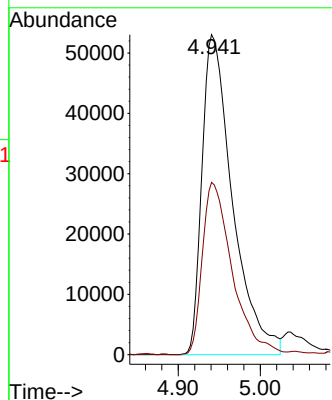
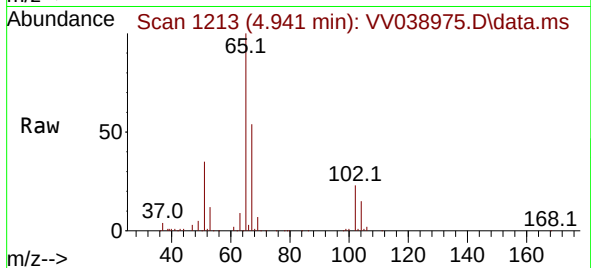
VSTDICC020

Tgt Ion: 65 Resp: 137174

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

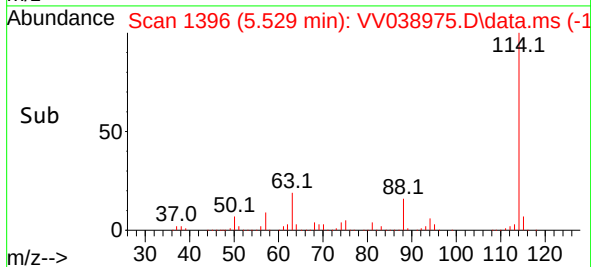
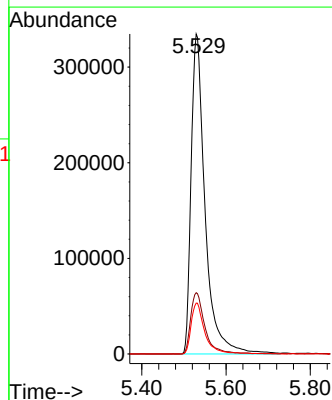
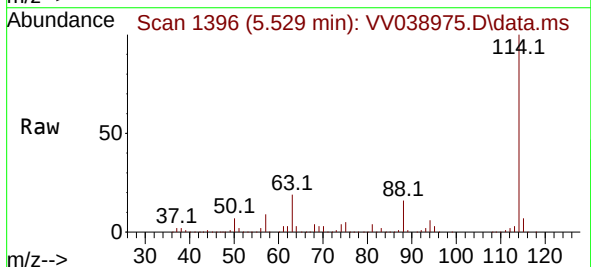
Tgt Ion: 114 Resp: 770115

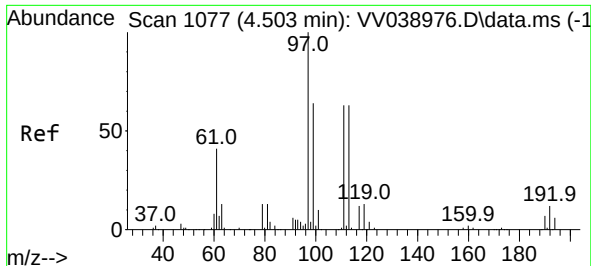
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 15.9 0.0 30.4

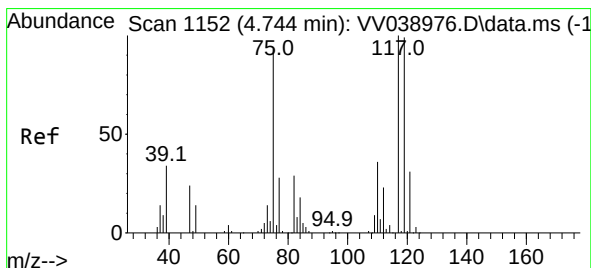
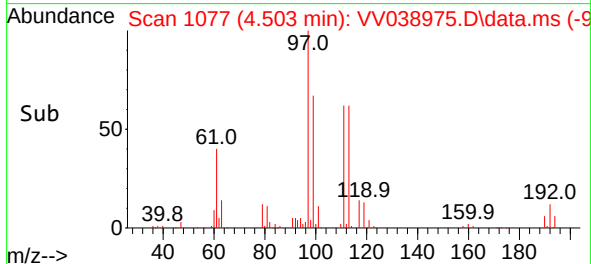
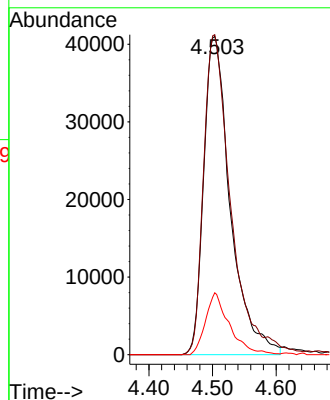
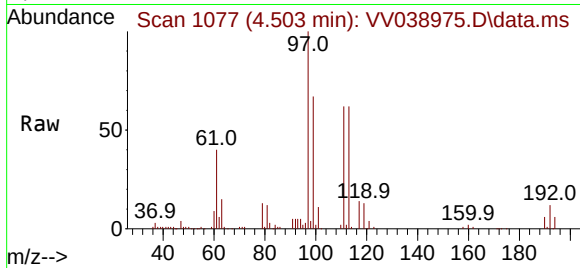




#35
 Dibromofluoromethane
 Concen: 20.576 ug/l
 RT: 4.503 min Scan# 118835
 Delta R.T. -0.000 min
 Lab File: VV038975.D
 Acq: 21 Aug 2025 10:17

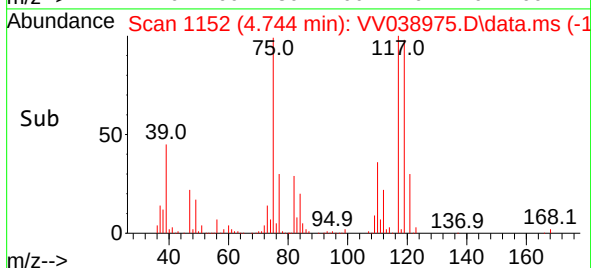
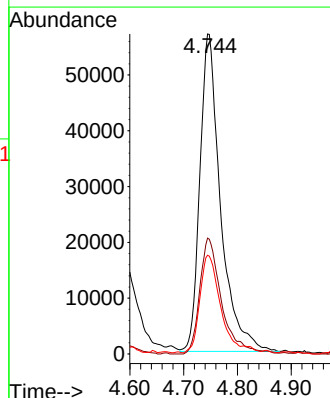
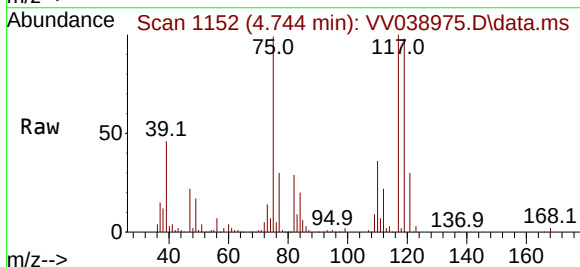
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

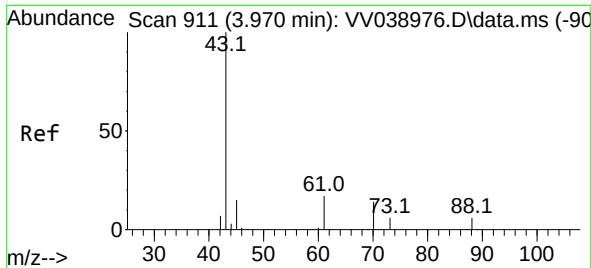
Tgt Ion:113 Resp: 118835
 Ion Ratio Lower Upper
 113 100
 111 99.7 81.3 121.9
 192 17.1 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 20.307 ug/l
 RT: 4.744 min Scan# 1152
 Delta R.T. -0.000 min
 Lab File: VV038975.D
 Acq: 21 Aug 2025 10:17

Tgt Ion: 75 Resp: 152312
 Ion Ratio Lower Upper
 75 100
 110 38.3 19.6 58.7
 77 29.7 24.4 36.6

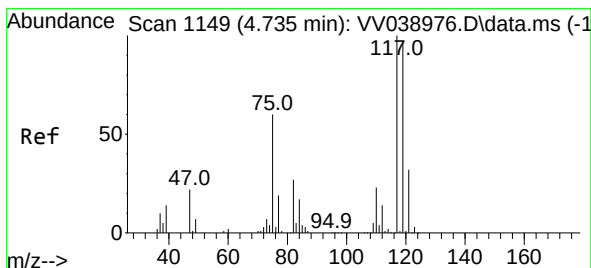
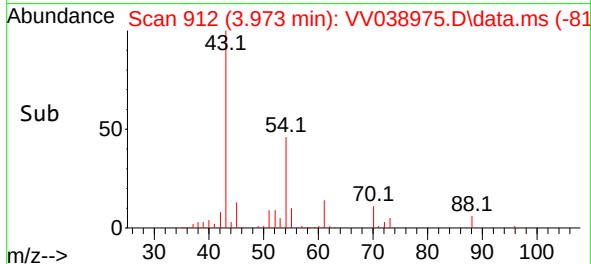
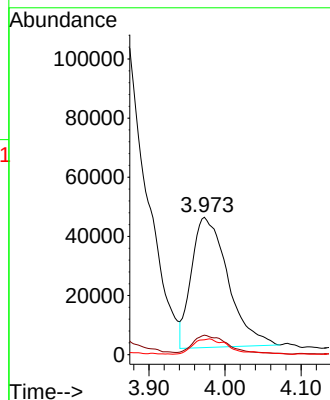
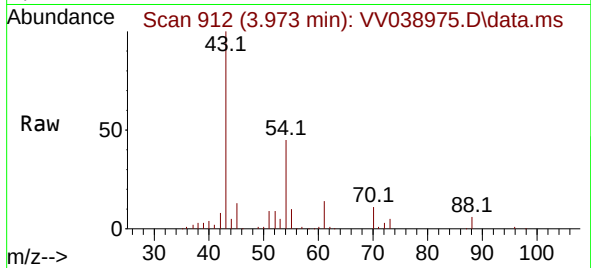




#37
Ethyl Acetate
Concen: 19.022 ug/l
RT: 3.973 min Scan# 911
Delta R.T. 0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

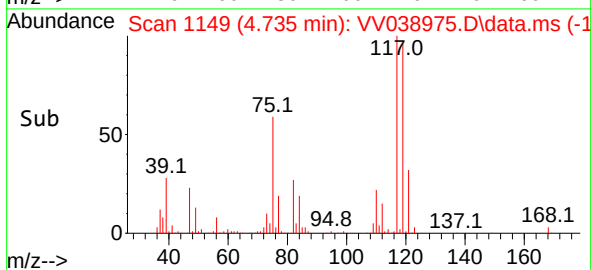
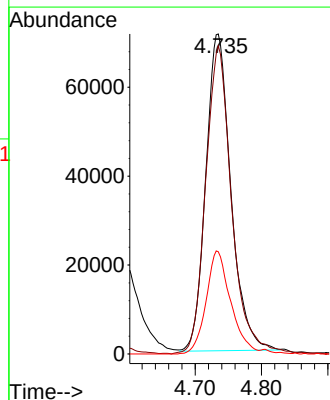
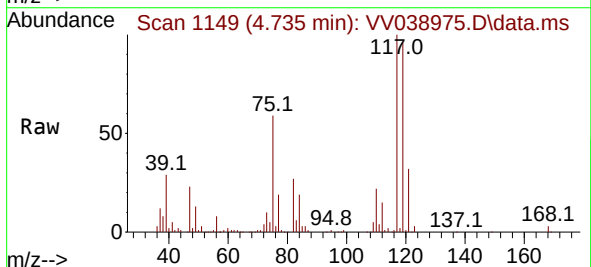
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

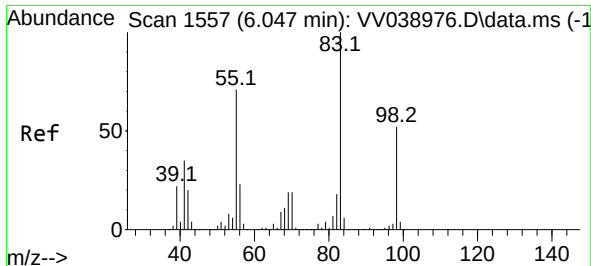
Tgt Ion: 43 Resp: 146658
Ion Ratio Lower Upper
43 100
61 13.1 12.6 19.0
70 10.8 10.2 15.4



#38
Carbon Tetrachloride
Concen: 18.653 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 117 Resp: 187355
Ion Ratio Lower Upper
117 100
119 96.9 77.1 115.7
121 32.2 25.4 38.2





#39

Methylcyclohexane

Concen: 19.683 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

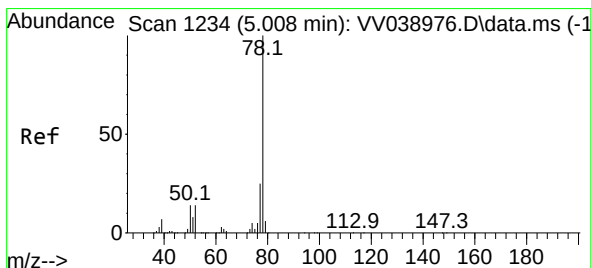
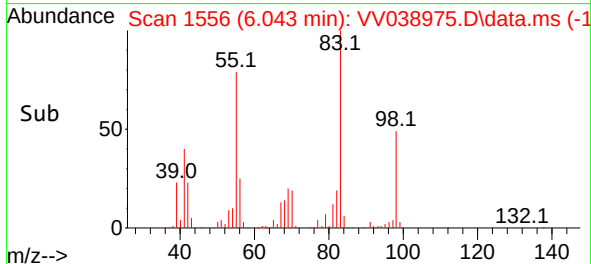
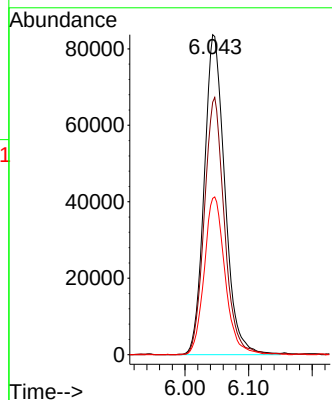
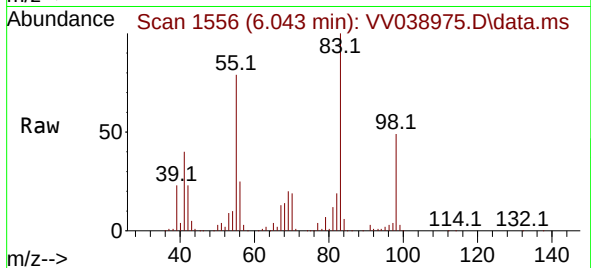
Tgt Ion: 83 Resp: 188639

Ion Ratio Lower Upper

83 100

55 78.7 57.0 85.6

98 48.8 41.3 61.9



#40

Benzene

Concen: 21.009 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VV038975.D

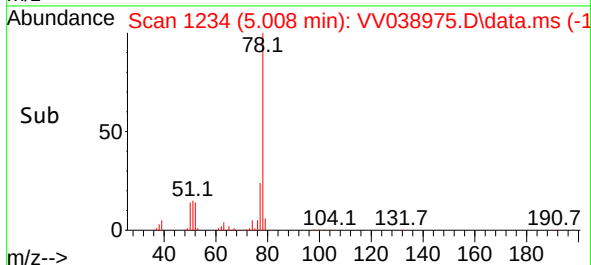
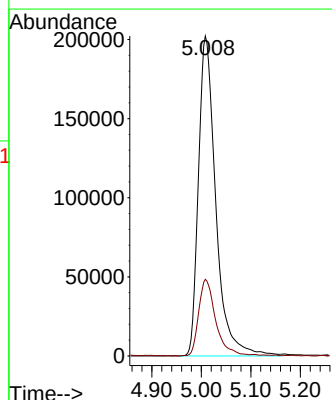
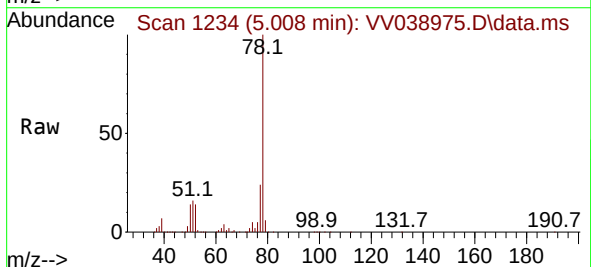
Acq: 21 Aug 2025 10:17

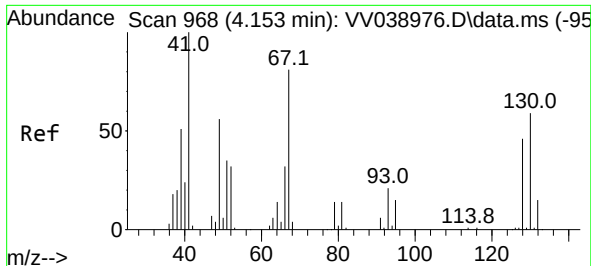
Tgt Ion: 78 Resp: 493541

Ion Ratio Lower Upper

78 100

77 23.9 19.6 29.4



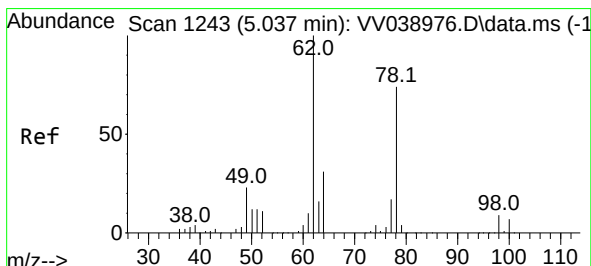
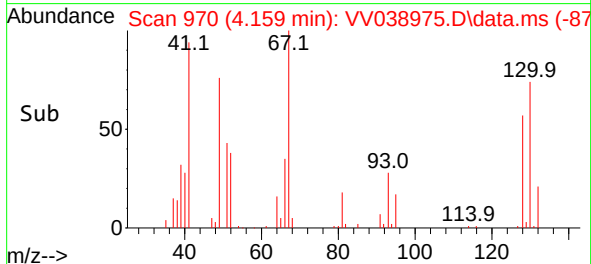
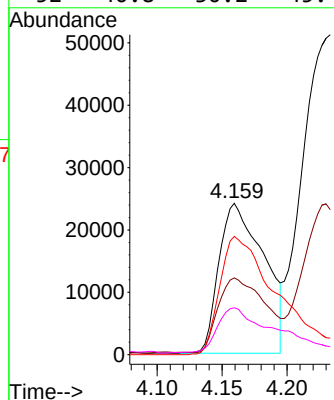
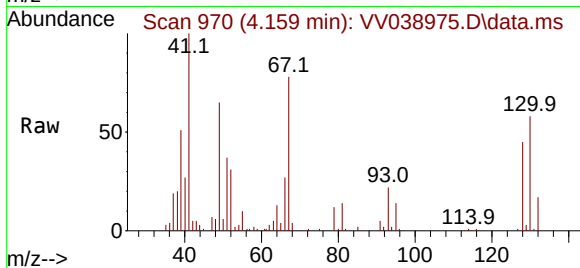


#41
Methacrylonitrile
Concen: 19.814 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.006 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 57745

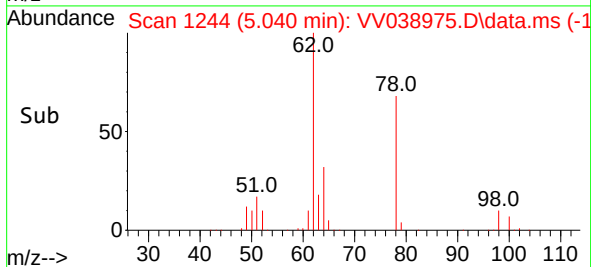
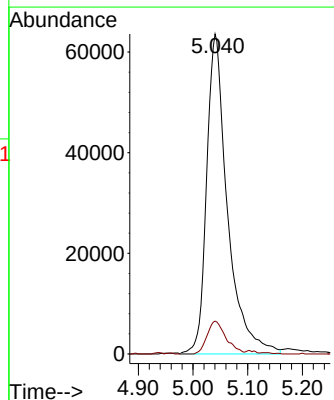
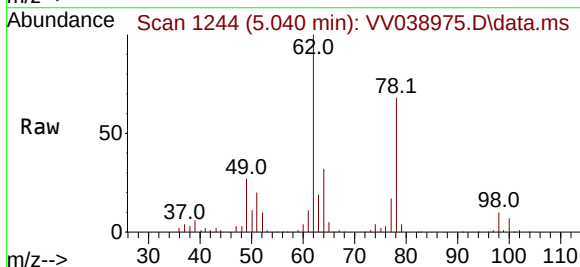
Ion	Ratio	Lower	Upper
41	100		
39	53.7	45.5	68.3
67	106.9	83.5	125.3
52	40.8	30.2	45.4

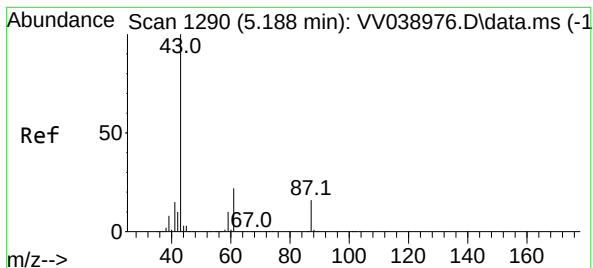


#42
1,2-Dichloroethane
Concen: 19.601 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 62 Resp: 168343

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.889 ug/l

RT: 5.188 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

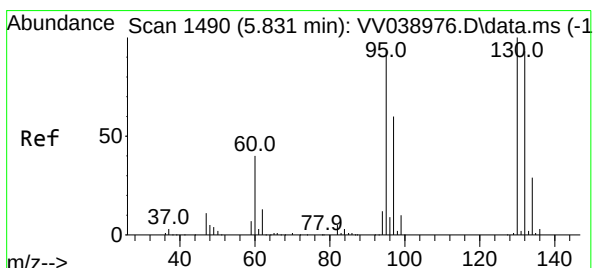
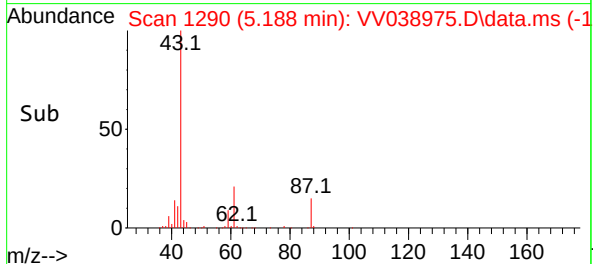
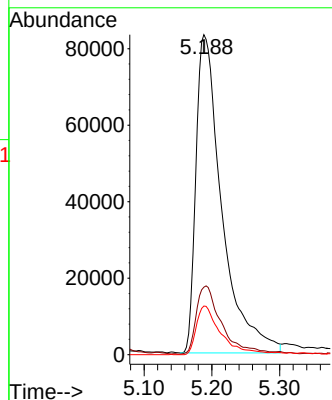
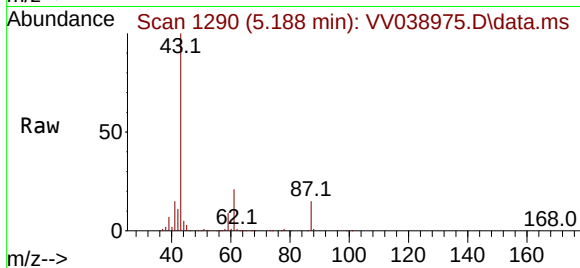
Tgt Ion: 43 Resp: 220954

Ion Ratio Lower Upper

43 100

61 20.8 17.4 26.2

87 14.5 13.3 19.9



#44

Trichloroethene

Concen: 18.930 ug/l

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV038975.D

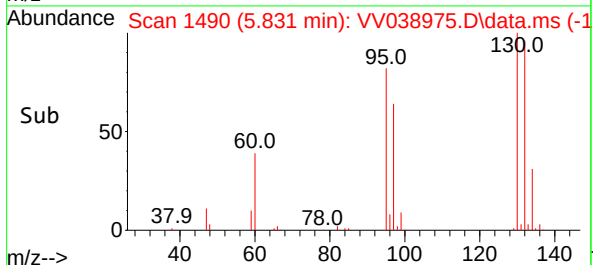
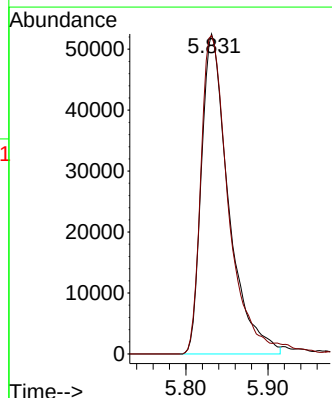
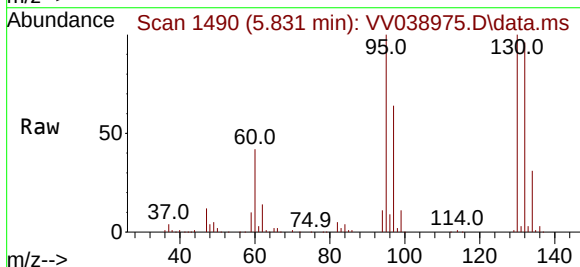
Acq: 21 Aug 2025 10:17

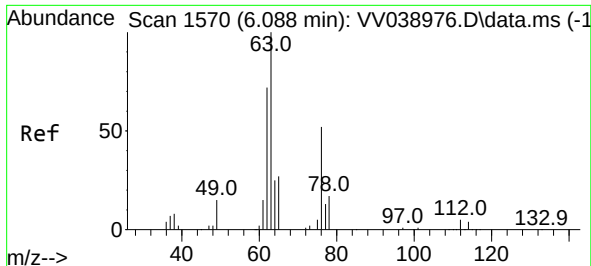
Tgt Ion:130 Resp: 120625

Ion Ratio Lower Upper

130 100

95 99.5 0.0 186.6





#45

1,2-Dichloropropane

Concen: 21.719 ug/l

RT: 6.088 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

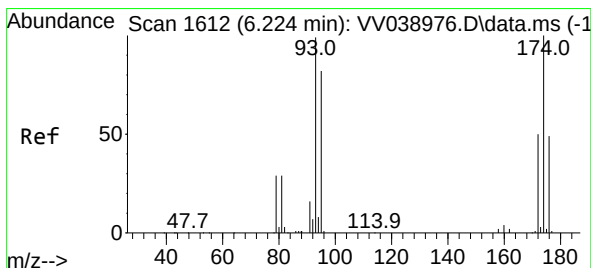
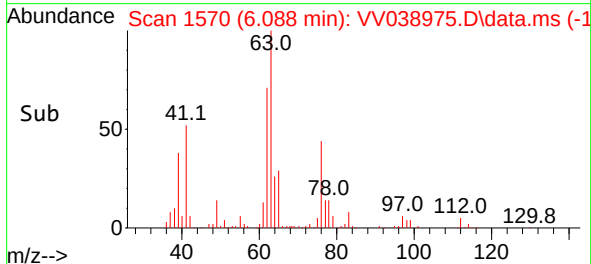
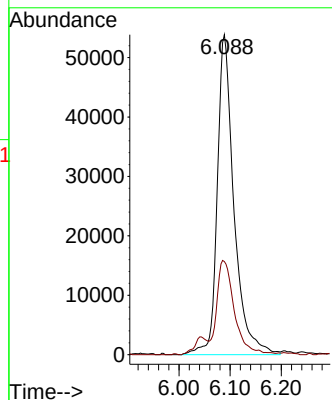
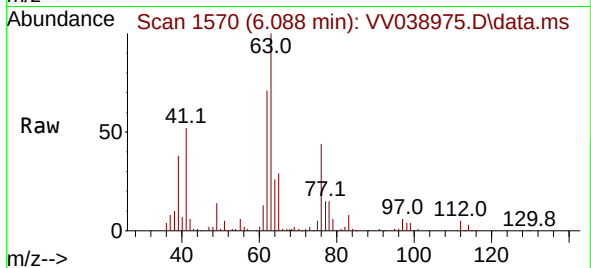
VSTDIC020

Tgt Ion: 63 Resp: 122368

Ion Ratio Lower Upper

63 100

65 29.1 25.0 37.4



#46

Dibromomethane

Concen: 19.550 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

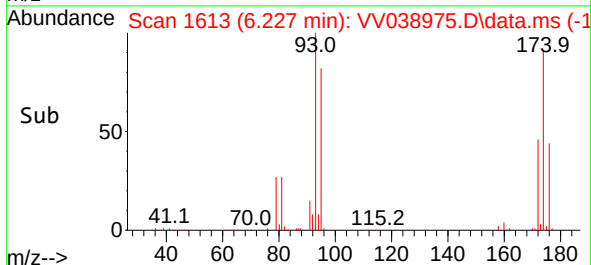
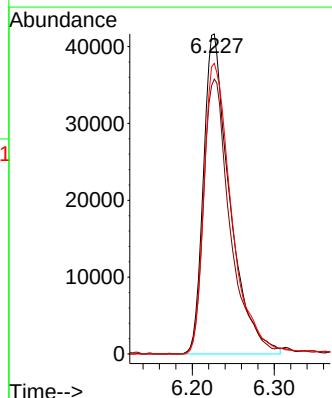
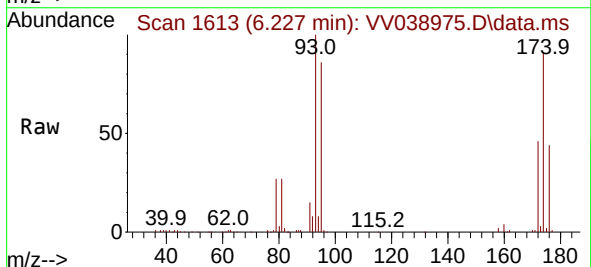
Tgt Ion: 93 Resp: 92422

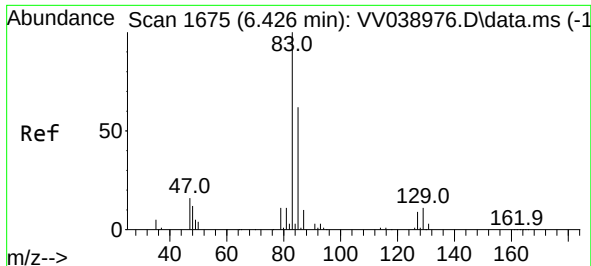
Ion Ratio Lower Upper

93 100

95 86.4 66.4 99.6

174 95.8 79.7 119.5

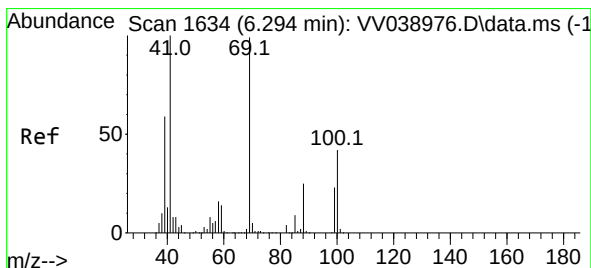
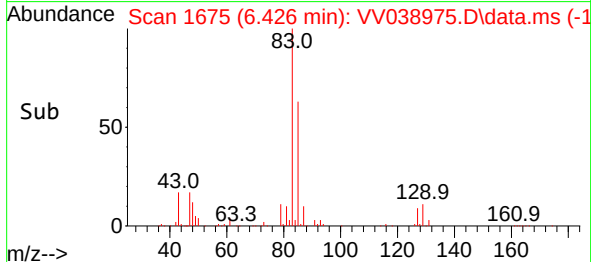
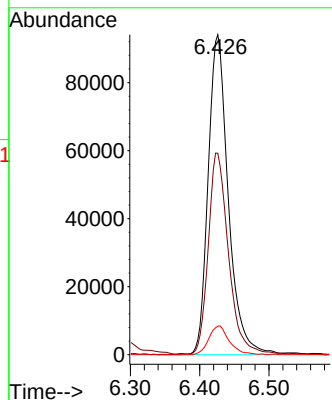
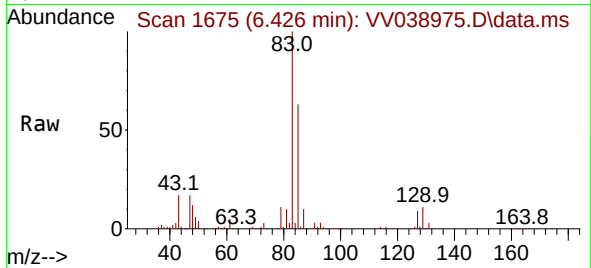




#47
Bromodichloromethane
Concen: 19.709 ug/l
RT: 6.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

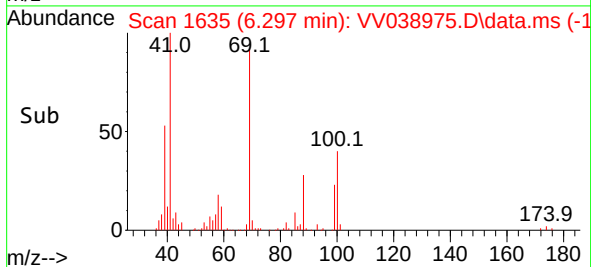
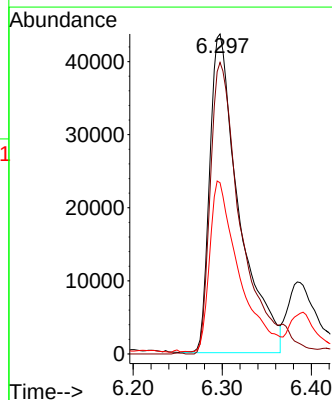
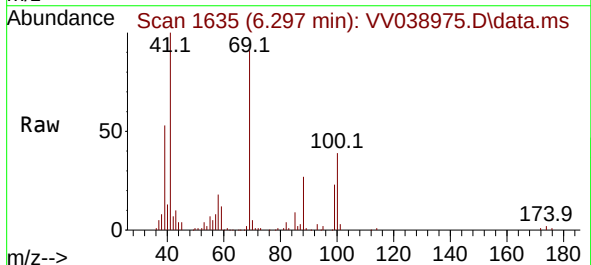
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

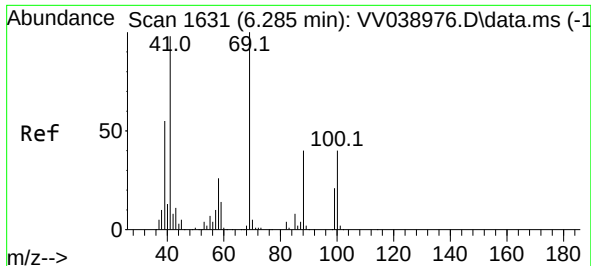
Tgt Ion: 83 Resp: 189626
Ion Ratio Lower Upper
83 100
85 62.6 49.6 74.4
127 8.9 6.9 10.3



#48
Methyl methacrylate
Concen: 20.192 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 41 Resp: 99334
Ion Ratio Lower Upper
41 100
69 97.9 82.5 123.7
39 54.3 46.6 69.8





#49

1,4-Dioxane

Concen: 398.670 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

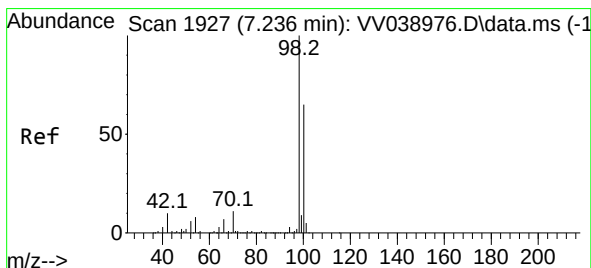
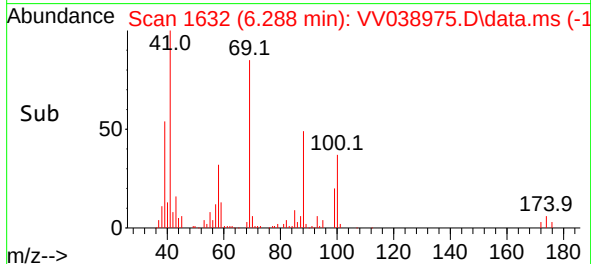
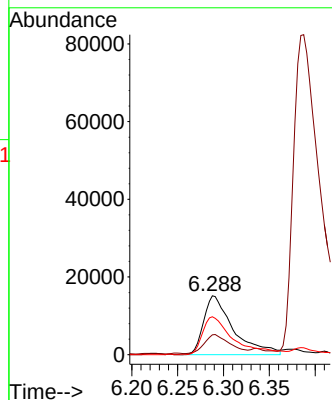
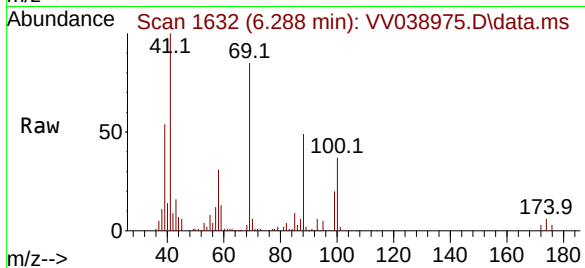
Tgt Ion: 88 Resp: 34249

Ion Ratio Lower Upper

88 100

43 27.2 24.6 36.8

58 67.1 51.8 77.6



#50

Toluene-d8

Concen: 20.581 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV038975.D

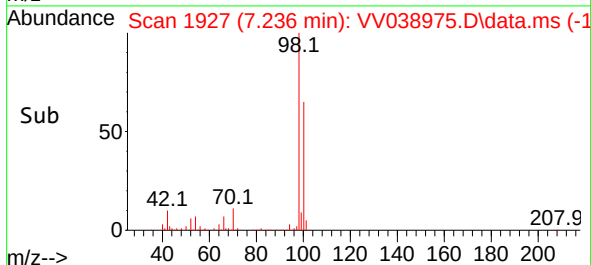
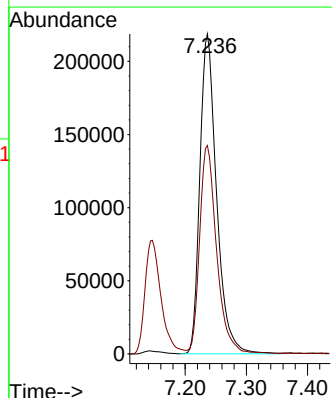
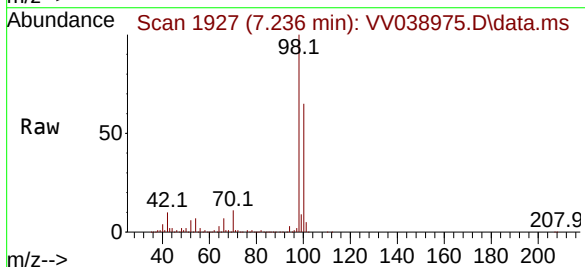
Acq: 21 Aug 2025 10:17

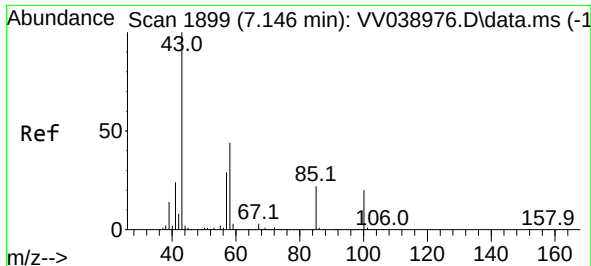
Tgt Ion: 98 Resp: 414482

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.2

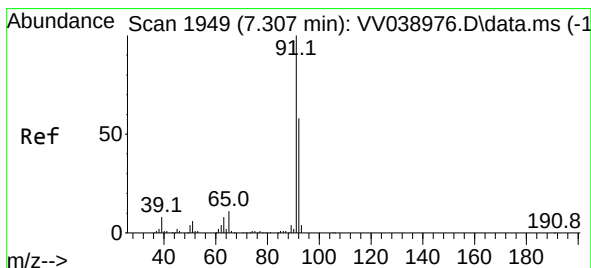
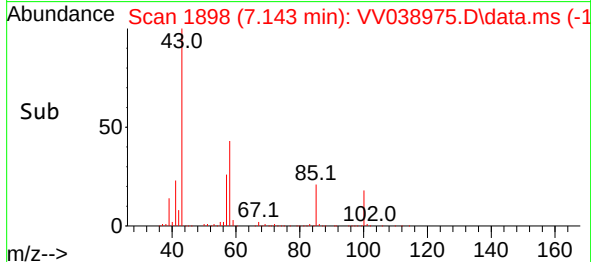
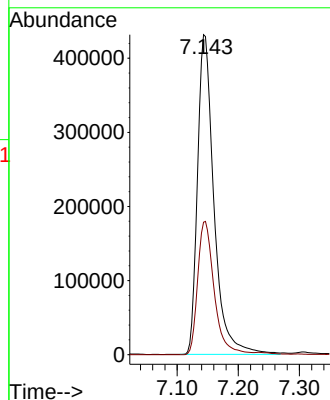
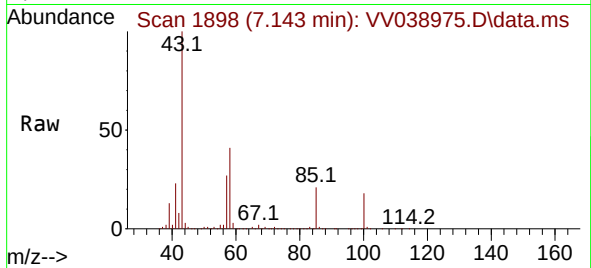




#51
4-Methyl-2-Pentanone
Concen: 108.428 ug/l
RT: 7.143 min Scan# 1899
Delta R.T. -0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

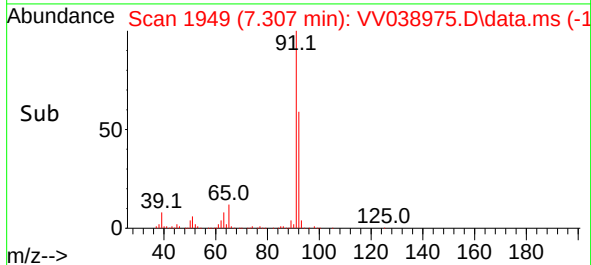
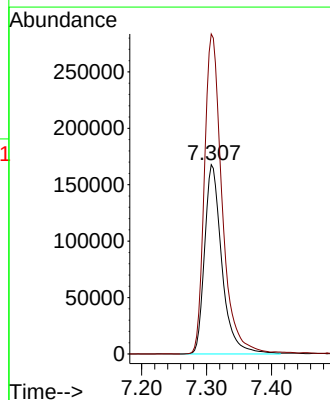
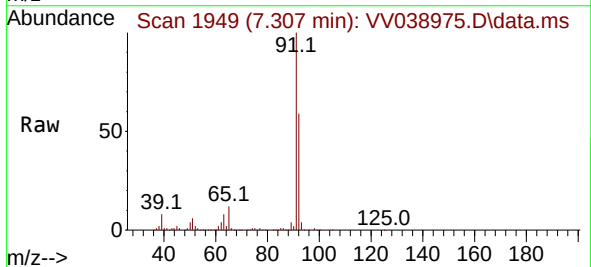
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

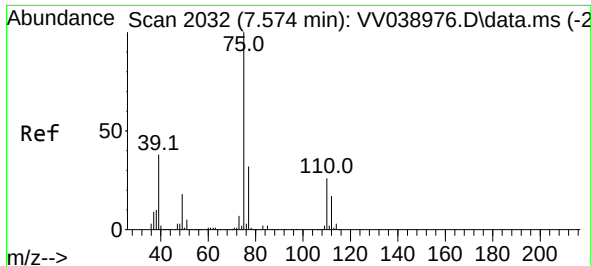
Tgt Ion: 43 Resp: 808270
Ion Ratio Lower Upper
43 100
58 41.8 34.6 51.8



#52
Toluene
Concen: 20.892 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 92 Resp: 310827
Ion Ratio Lower Upper
92 100
91 172.7 136.3 204.5

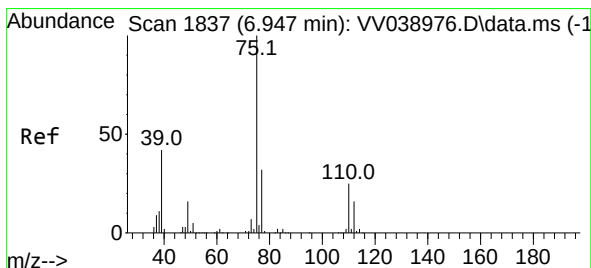
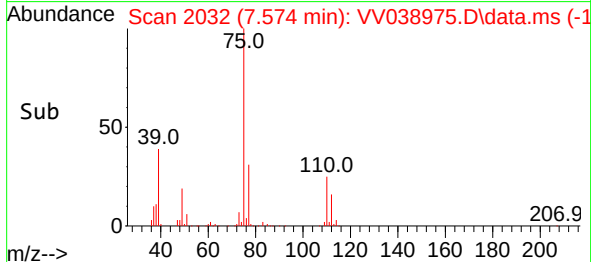
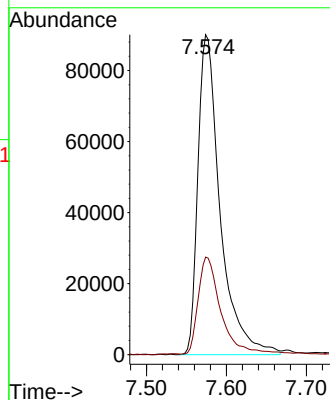
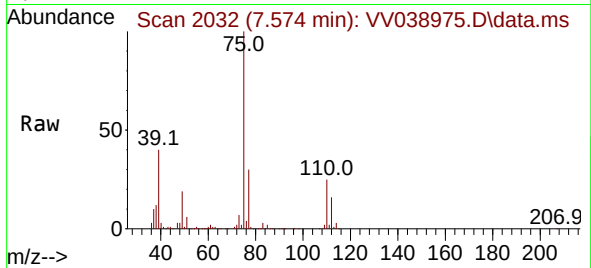




#53
 t-1,3-Dichloropropene
 Concen: 19.411 ug/l
 RT: 7.574 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VV038975.D
 Acq: 21 Aug 2025 10:17

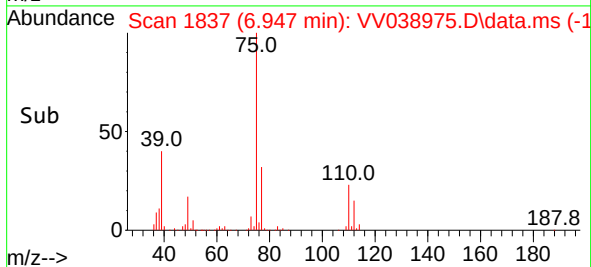
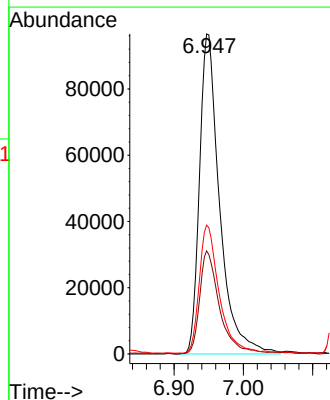
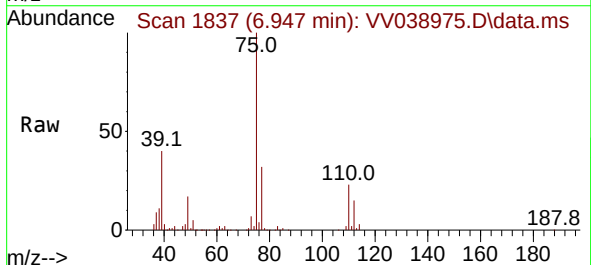
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

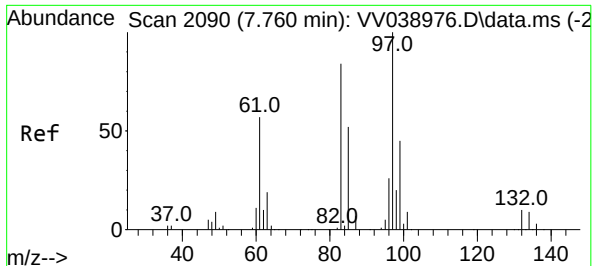
Tgt Ion: 75 Resp: 174587
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.942 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VV038975.D
 Acq: 21 Aug 2025 10:17

Tgt Ion: 75 Resp: 195164
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4
 39 40.0 33.3 49.9



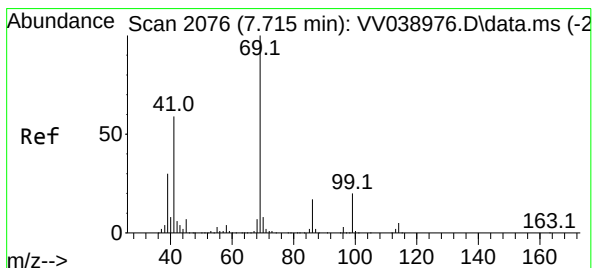
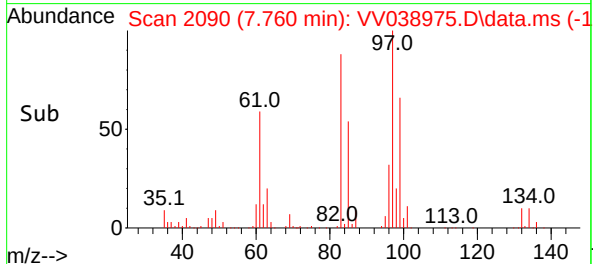
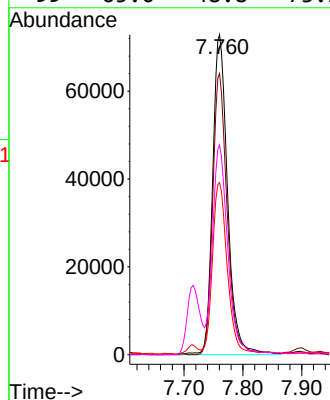
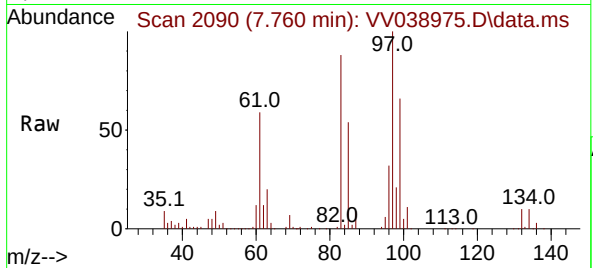


#55
1,1,2-Trichloroethane
Concen: 19.798 ug/l
RT: 7.760 min Scan# 2090
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 128426

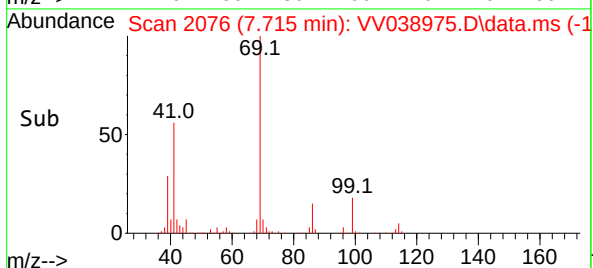
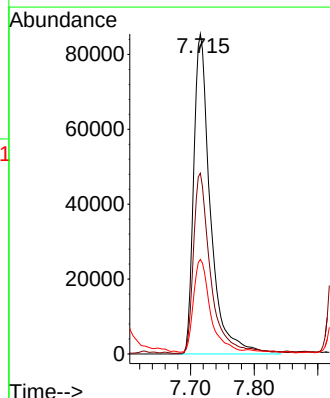
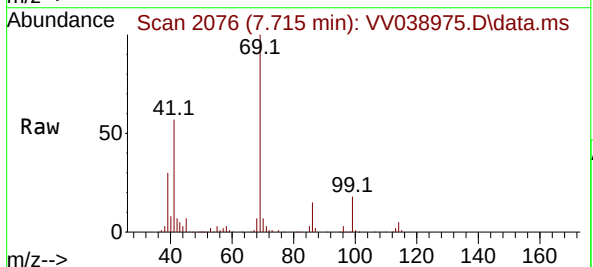
Ion	Ratio	Lower	Upper
97	100		
83	87.5	67.2	100.8
85	53.4	42.7	64.1
99	65.0	48.8	73.2

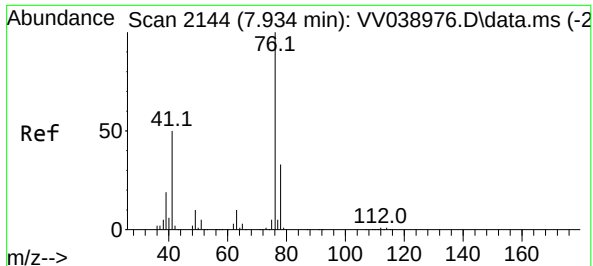


#56
Ethyl methacrylate
Concen: 16.834 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 69 Resp: 156208

Ion	Ratio	Lower	Upper
69	100		
41	57.6	47.5	71.3
39	29.0	24.2	36.2





#57

1,3-Dichloropropane

Concen: 19.989 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

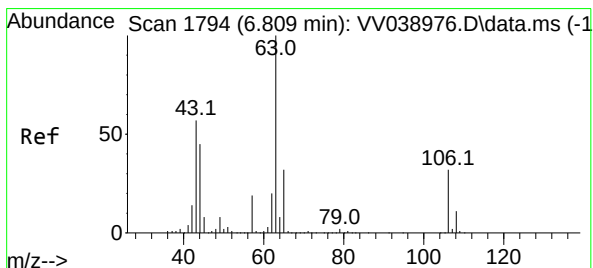
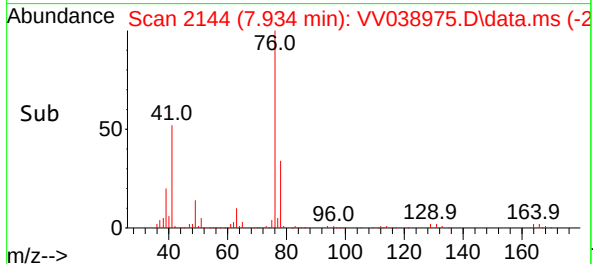
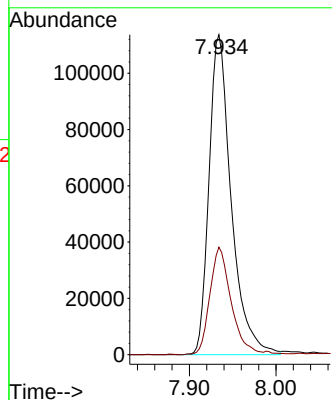
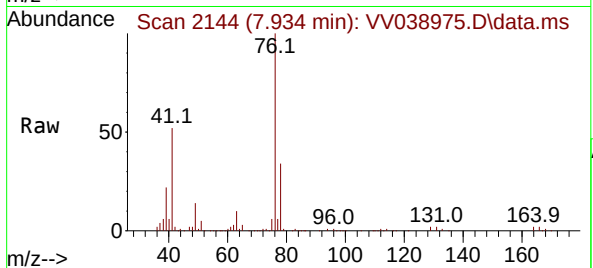
VSTDICC020

Tgt Ion: 76 Resp: 202191

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 101.454 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV038975.D

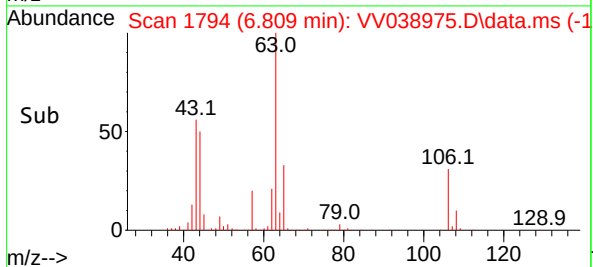
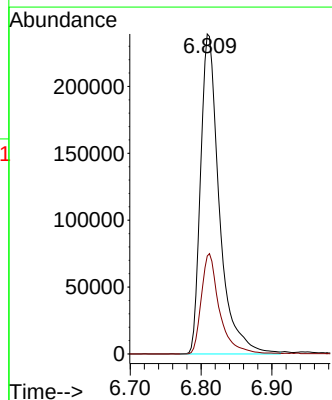
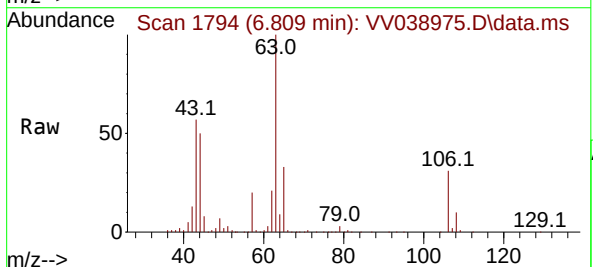
Acq: 21 Aug 2025 10:17

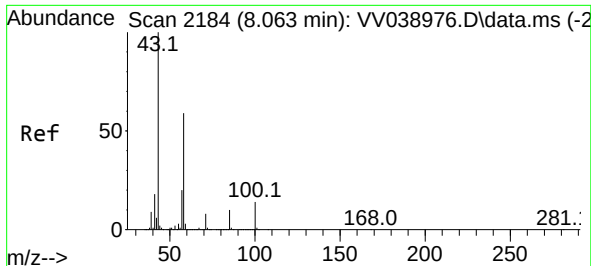
Tgt Ion: 63 Resp: 439082

Ion Ratio Lower Upper

63 100

106 30.4 25.6 38.4

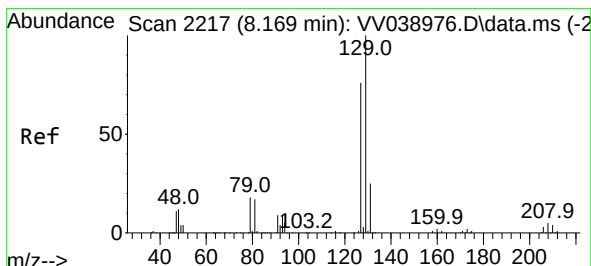
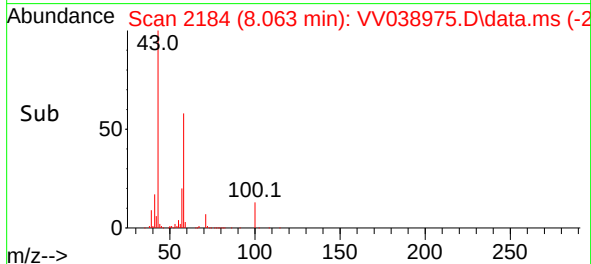
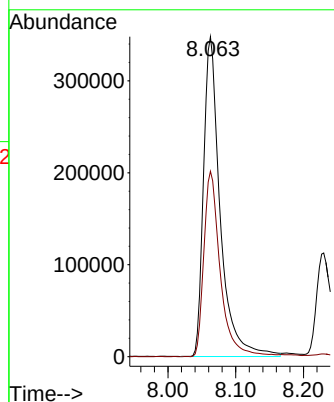
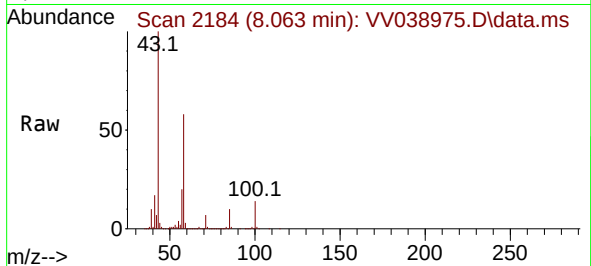




#59
2-Hexanone
Concen: 85.746 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

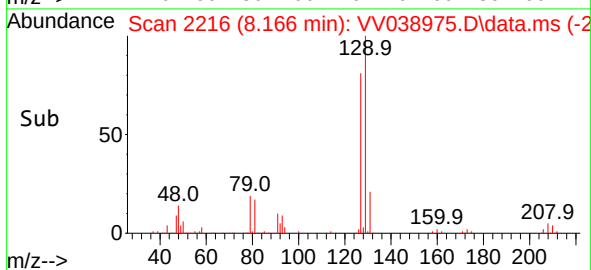
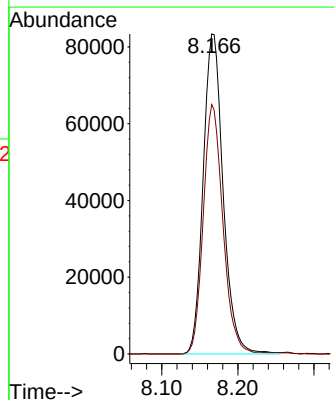
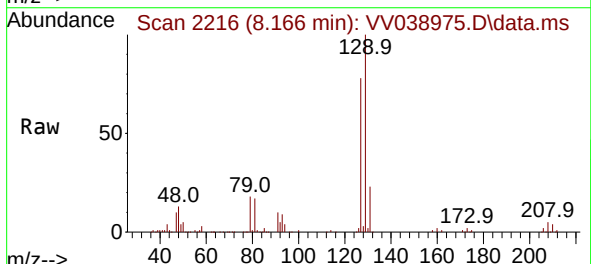
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

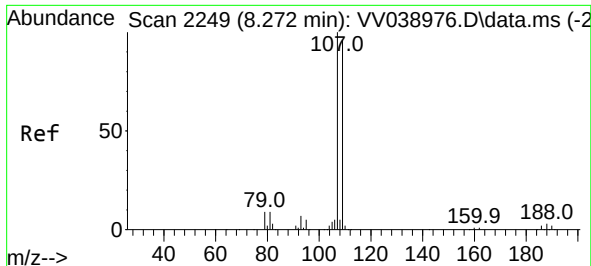
Tgt Ion: 43 Resp: 592514
Ion Ratio Lower Upper
43 100
58 57.1 29.8 89.4



#60
Dibromochloromethane
Concen: 19.449 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 129 Resp: 152342
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.1

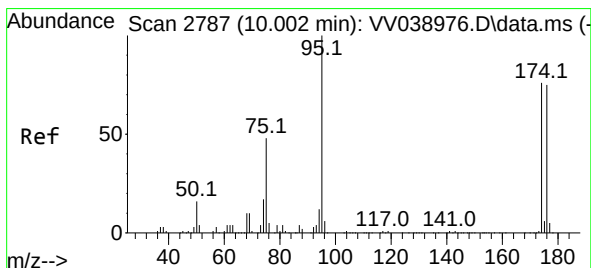
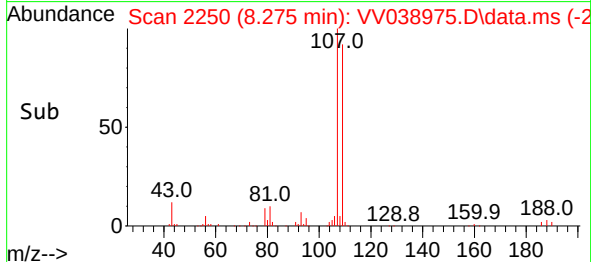
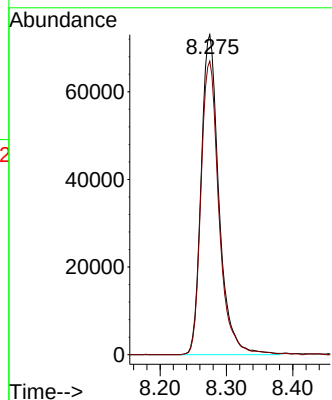
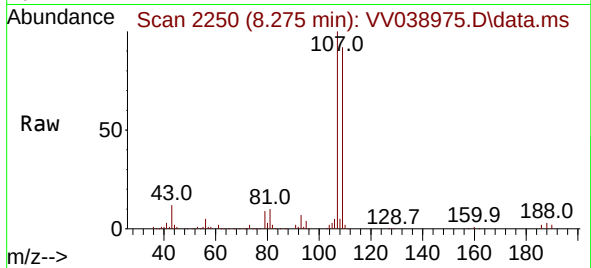




#61
1,2-Dibromoethane
Concen: 20.240 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

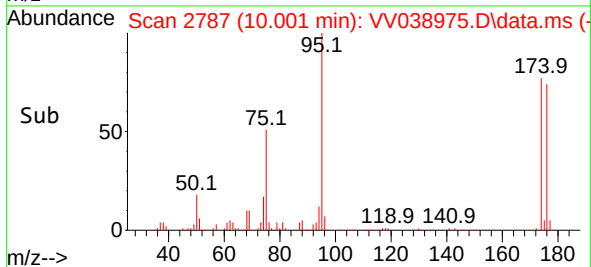
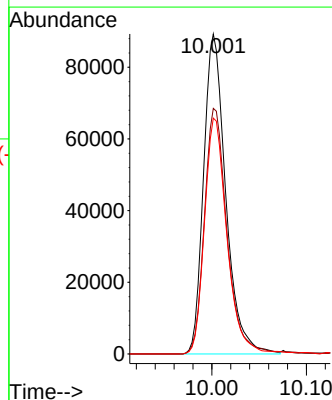
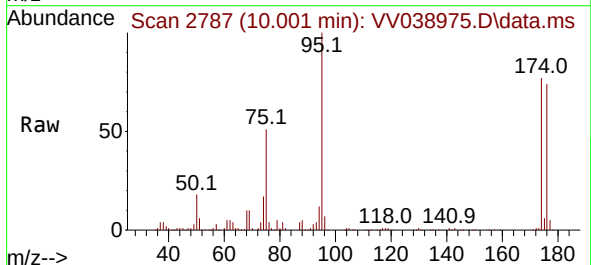
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

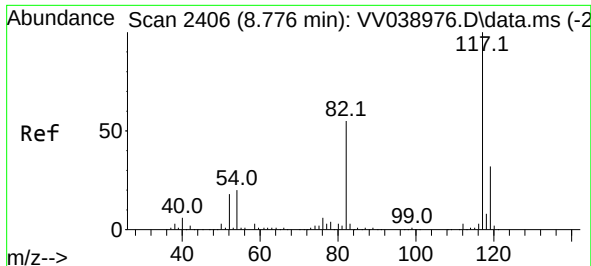
Tgt Ion:107 Resp: 136218
Ion Ratio Lower Upper
107 100
109 92.4 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 19.744 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 95 Resp: 145467
Ion Ratio Lower Upper
95 100
174 78.0 0.0 154.4
176 74.8 0.0 148.6

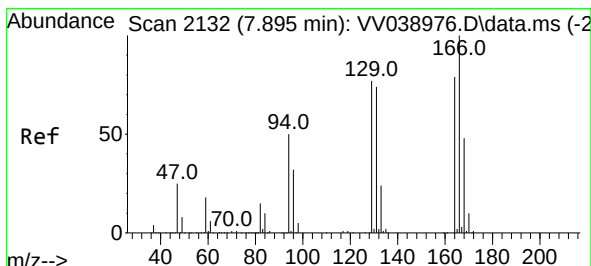
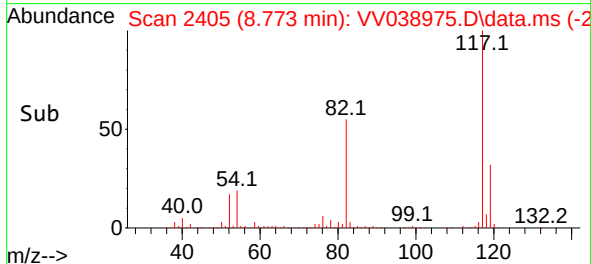
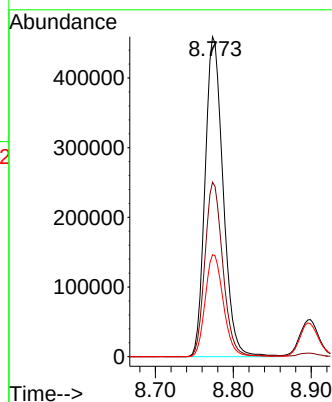
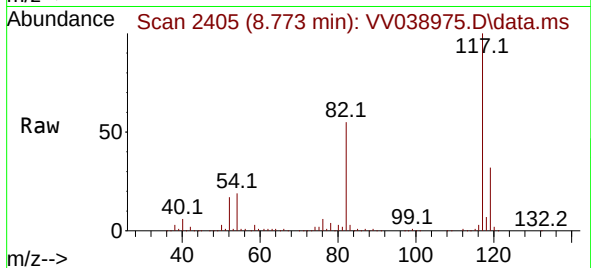




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

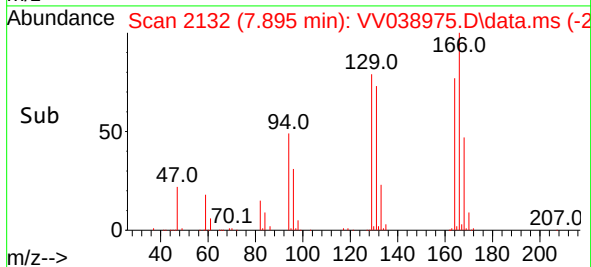
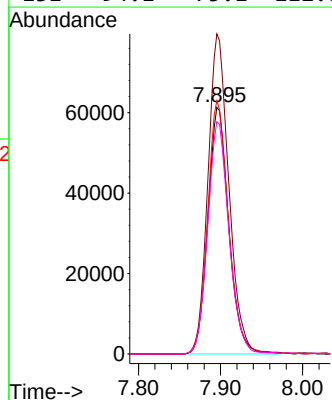
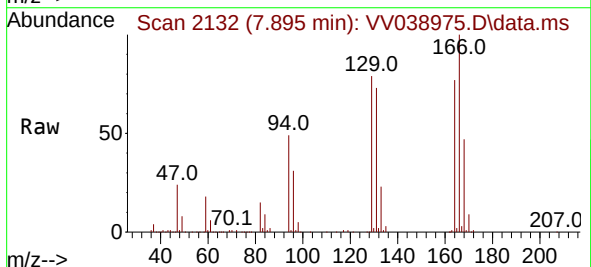
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

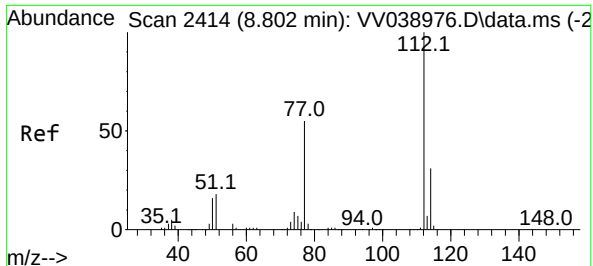
Tgt Ion:117 Resp: 738684
Ion Ratio Lower Upper
117 100
82 54.5 44.4 66.6
119 31.9 26.0 39.0



#64
Tetrachloroethene
Concen: 19.802 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion:164 Resp: 108840
Ion Ratio Lower Upper
164 100
166 129.7 101.8 152.6
129 102.7 78.7 118.1
131 94.1 75.1 112.7

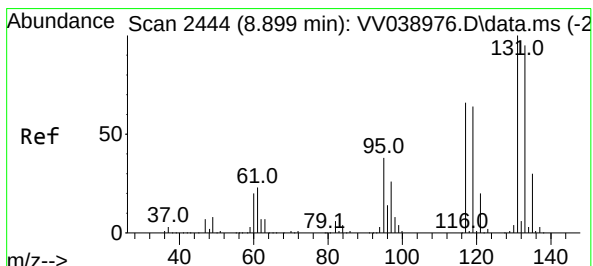
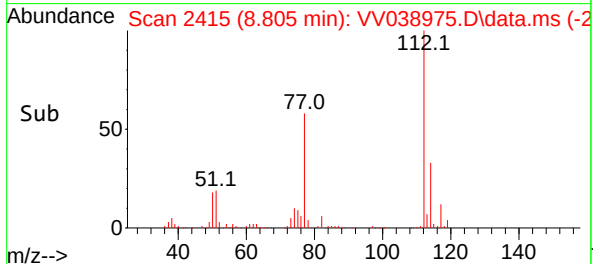
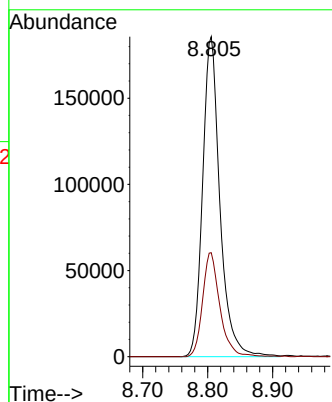
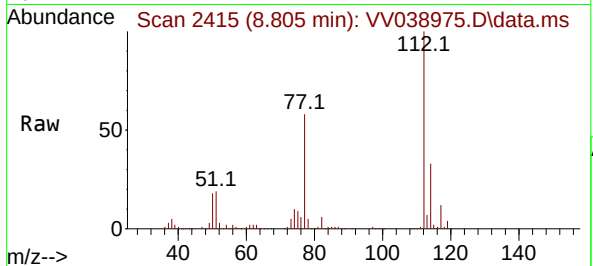




#65
Chlorobenzene
Concen: 19.337 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

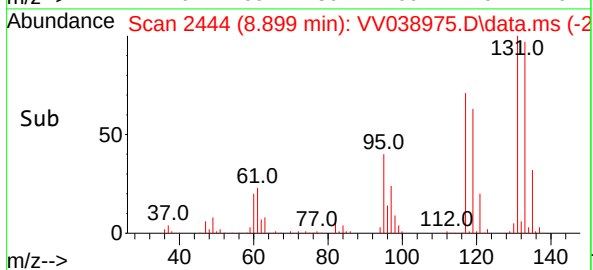
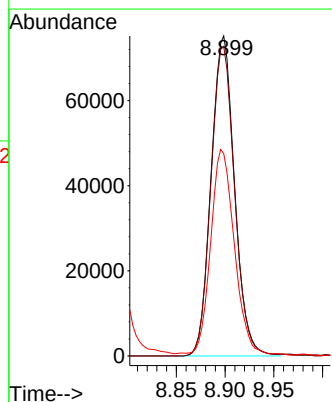
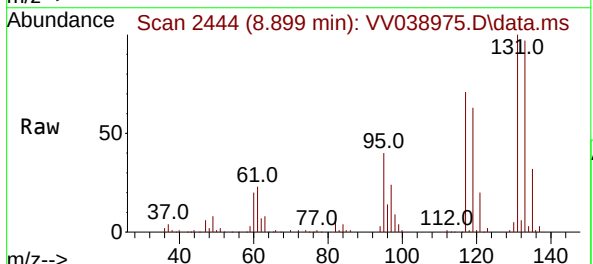
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

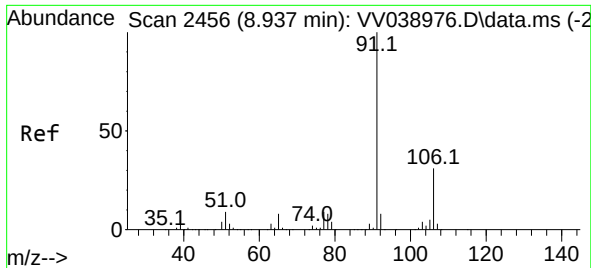
Tgt Ion:112 Resp: 344406
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.672 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion:131 Resp: 125776
Ion Ratio Lower Upper
131 100
133 97.6 47.6 142.9
119 65.4 32.1 96.3

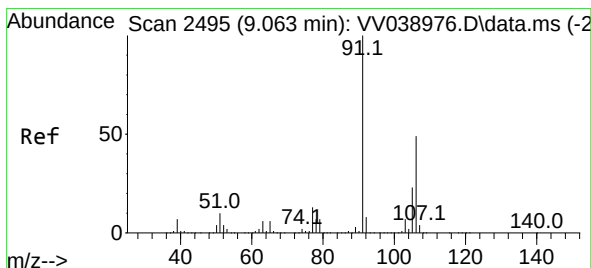
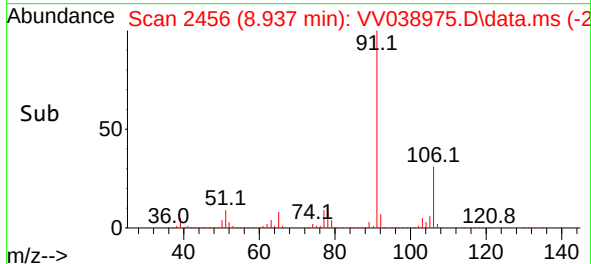
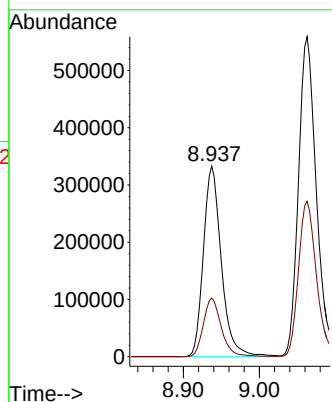
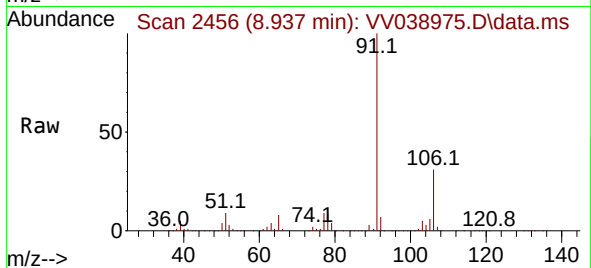




#67
Ethyl Benzene
Concen: 20.087 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

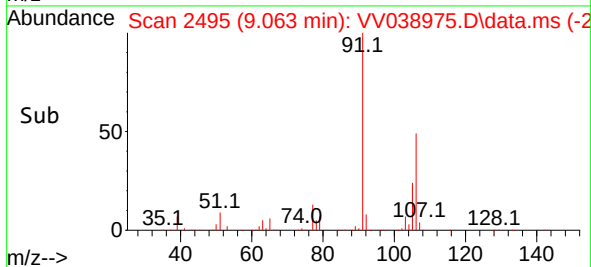
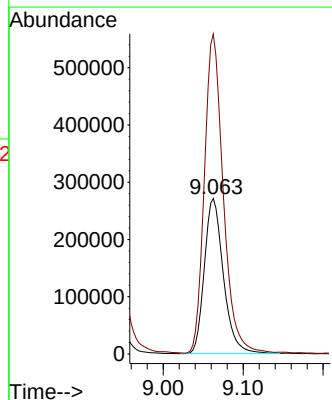
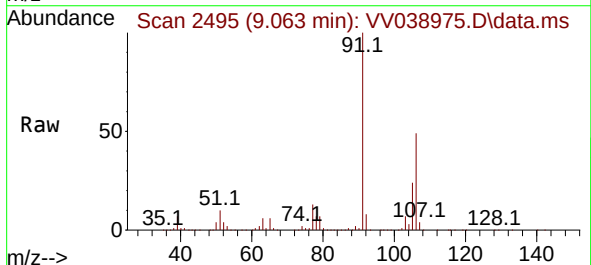
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

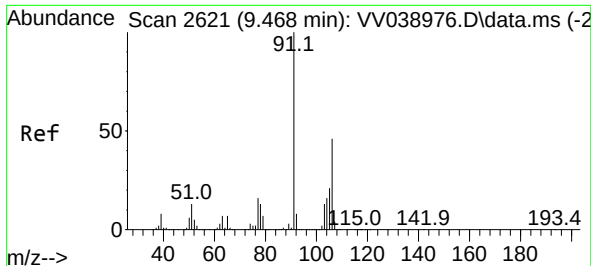
Tgt Ion: 91 Resp: 546149
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8



#68
m/p-Xylenes
Concen: 42.621 ug/l
RT: 9.063 min Scan# 2495
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 106 Resp: 450062
Ion Ratio Lower Upper
106 100
91 202.9 163.6 245.4

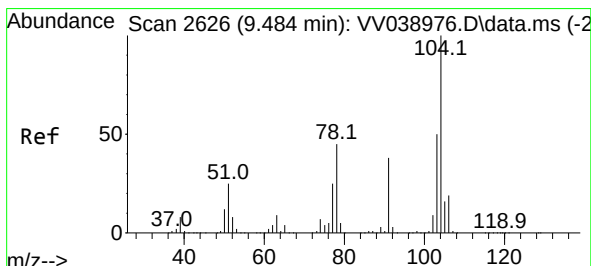
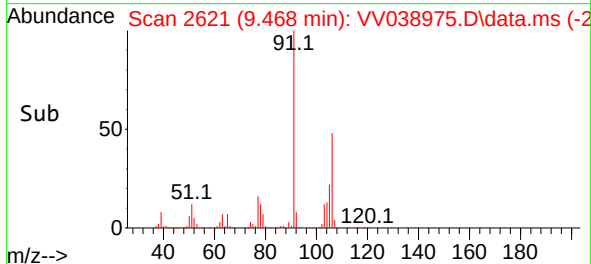
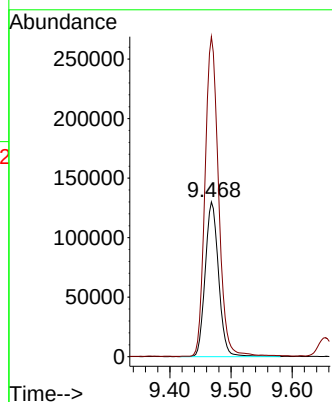
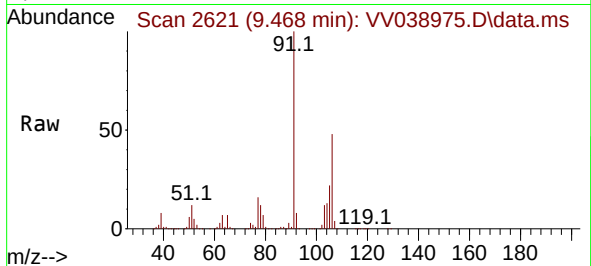




#69
o-Xylene
Concen: 20.552 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

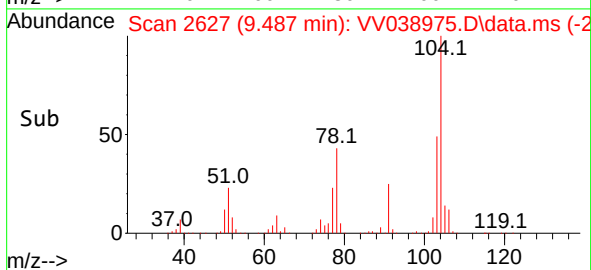
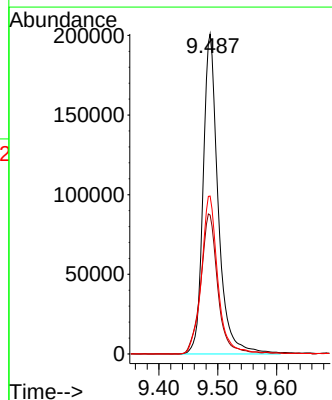
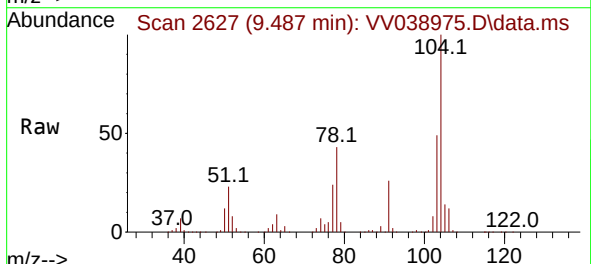
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

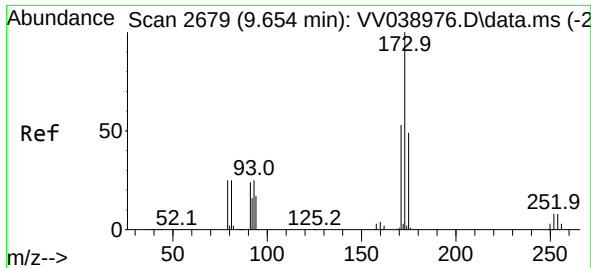
Tgt Ion:106 Resp: 197804
Ion Ratio Lower Upper
106 100
91 208.0 108.0 324.0



#70
Styrene
Concen: 21.656 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion:104 Resp: 357594
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.8
103 53.8 43.5 65.3

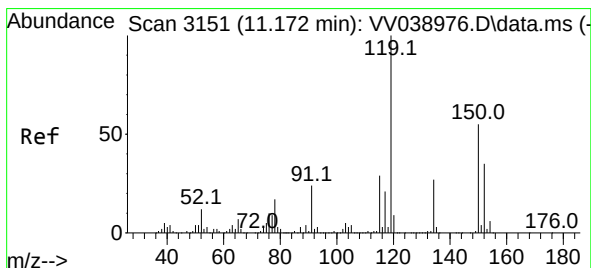
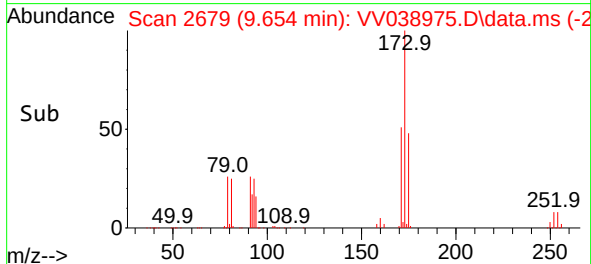
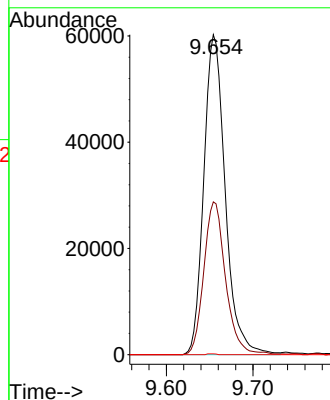
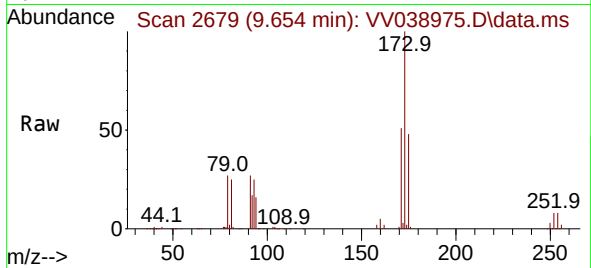




#71
Bromoform
Concen: 19.646 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

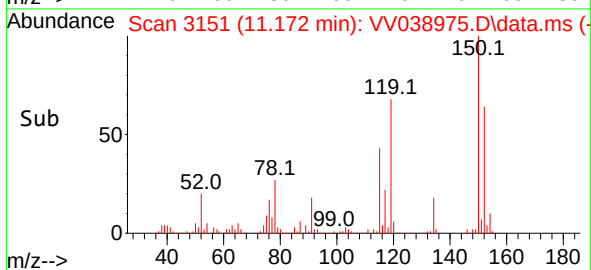
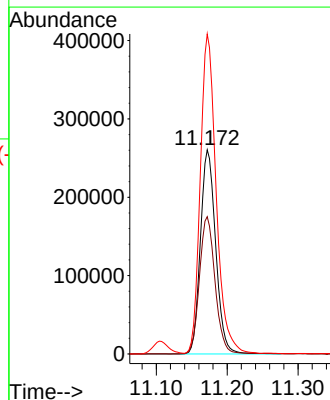
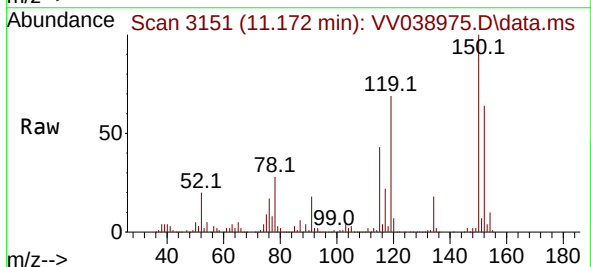
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

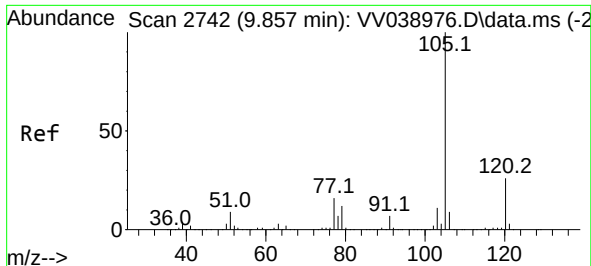
Tgt Ion:173 Resp: 103675
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.6
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion:152 Resp: 389746
Ion Ratio Lower Upper
152 100
115 68.7 42.5 127.5
150 162.3 0.0 344.8

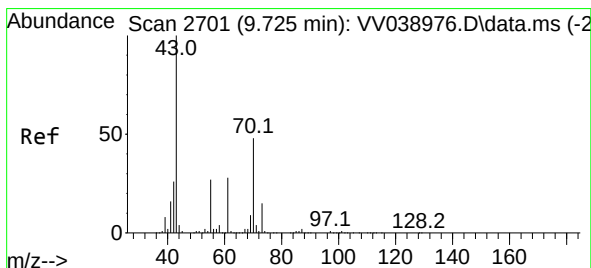
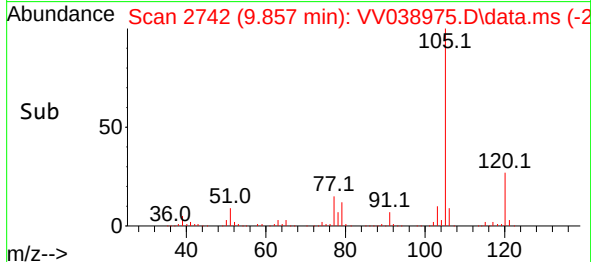
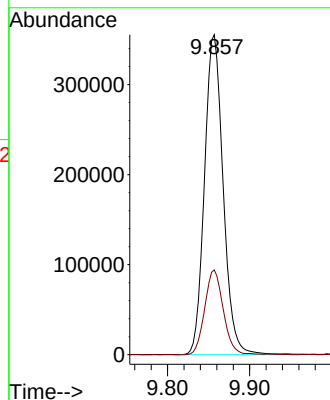
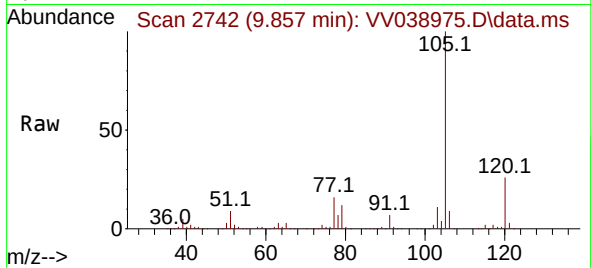




#73
Isopropylbenzene
Concen: 21.487 ug/l
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

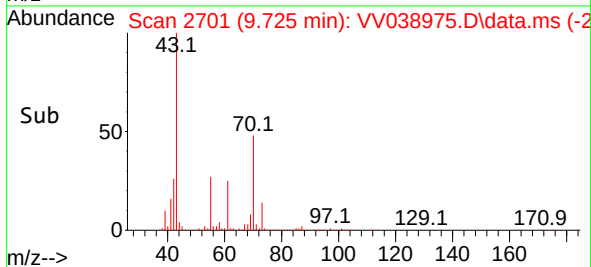
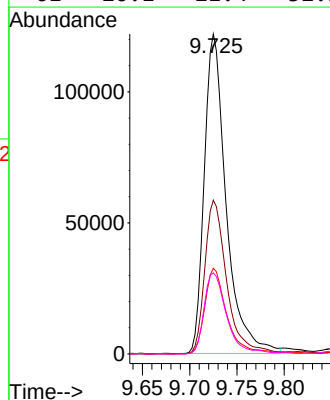
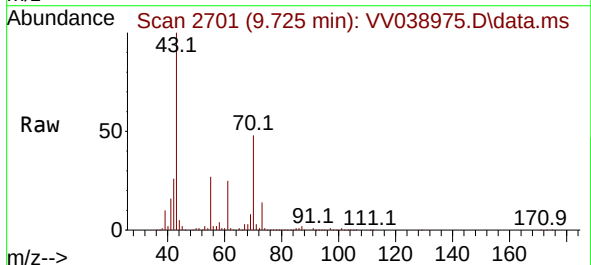
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

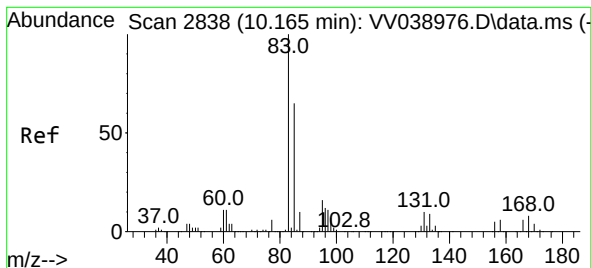
Tgt Ion:105 Resp: 561962
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#74
N-ethyl acetate
Concen: 20.696 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 43 Resp: 196570
Ion Ratio Lower Upper
43 100
70 48.3 38.3 57.5
55 27.1 21.6 32.4
61 26.1 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.878 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

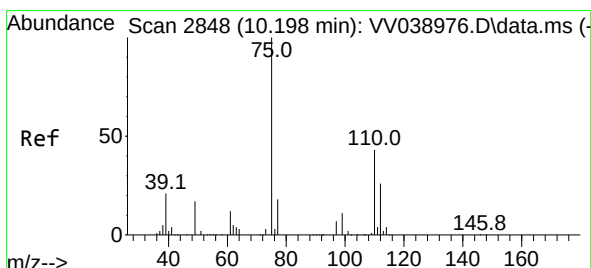
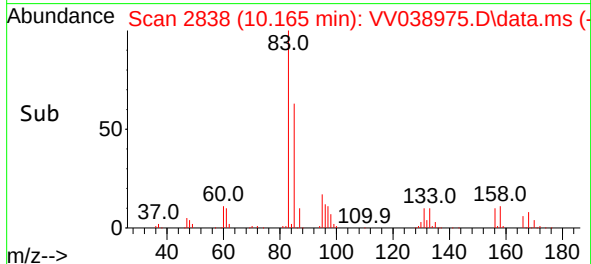
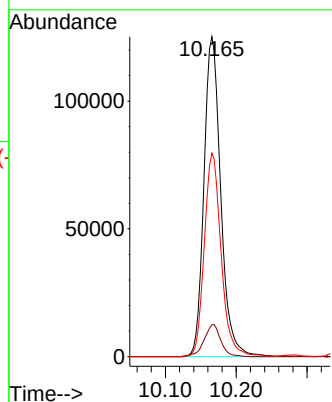
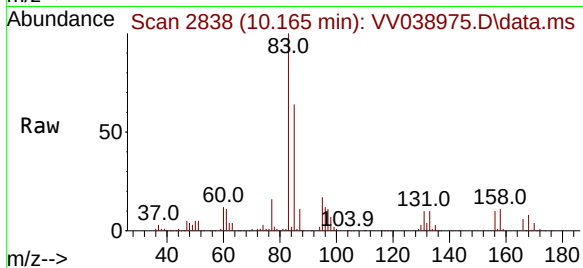
Tgt Ion: 83 Resp: 206468

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.9

85 63.8 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 20.824 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. -0.000 min

Lab File: VV038975.D

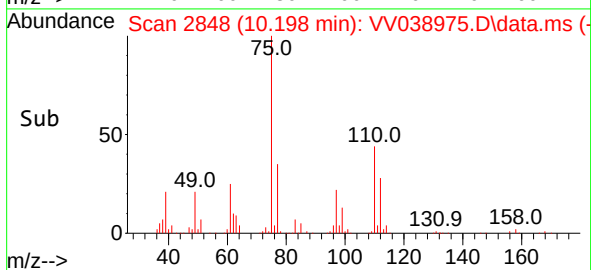
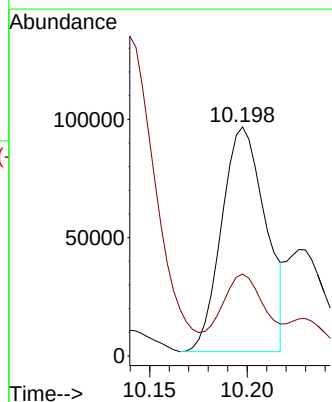
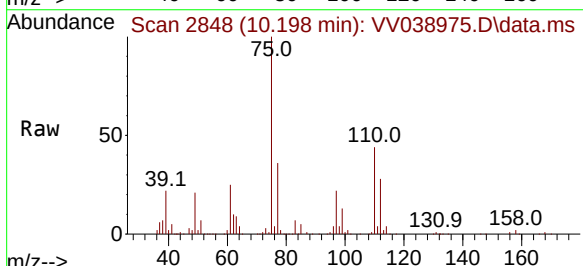
Acq: 21 Aug 2025 10:17

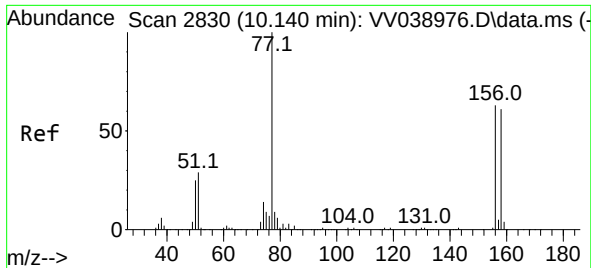
Tgt Ion: 75 Resp: 149251

Ion Ratio Lower Upper

75 100

77 21.5 11.3 33.8

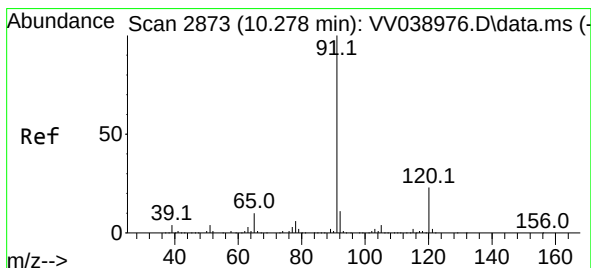
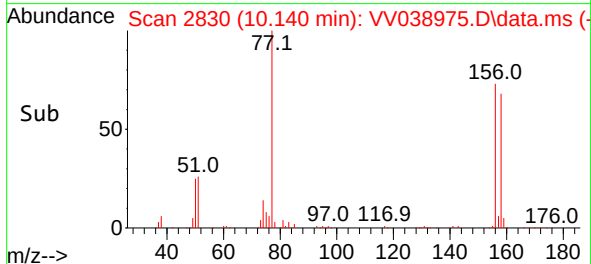
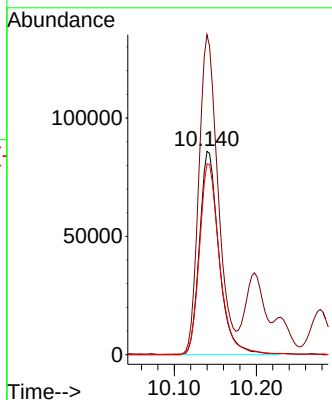
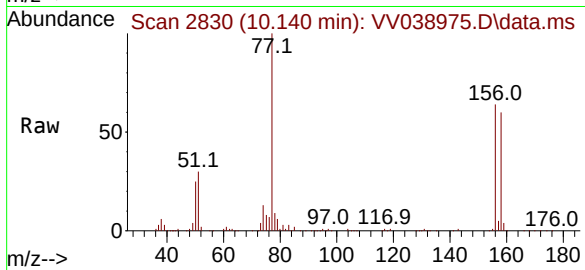




#77
Bromobenzene
Concen: 21.110 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

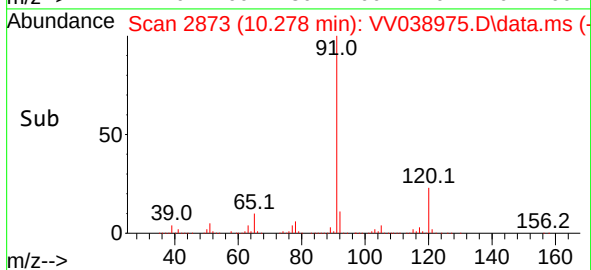
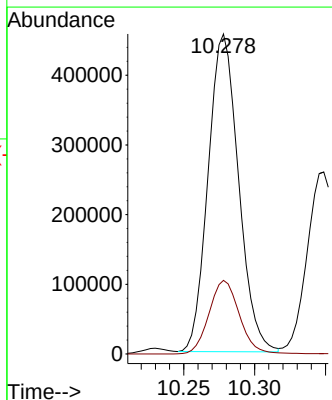
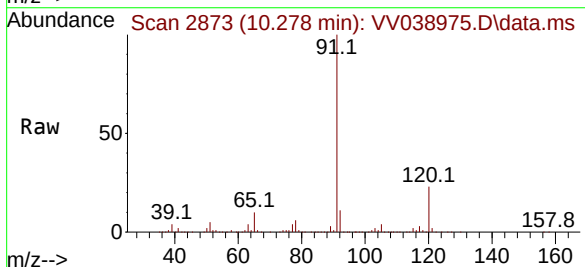
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

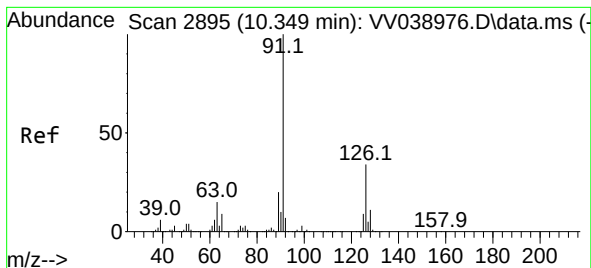
Tgt Ion:156 Resp: 141847
Ion Ratio Lower Upper
156 100
77 153.6 79.0 237.0
158 96.8 48.6 145.9



#78
n-propylbenzene
Concen: 21.797 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 91 Resp: 680632
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.704 ug/l

RT: 10.349 min Scan# 2895

Delta R.T. -0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

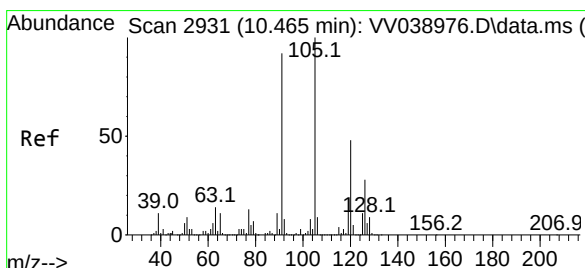
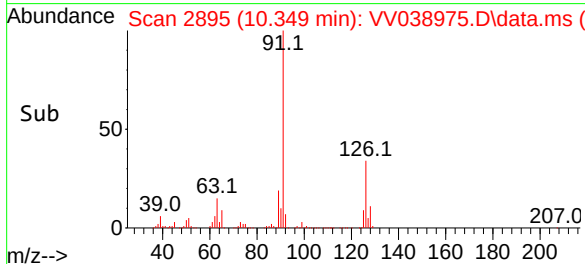
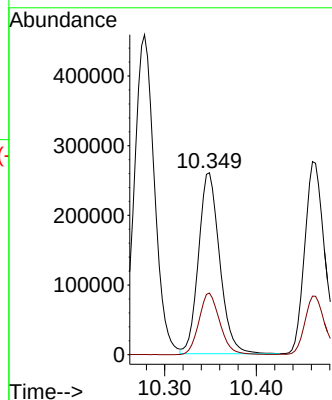
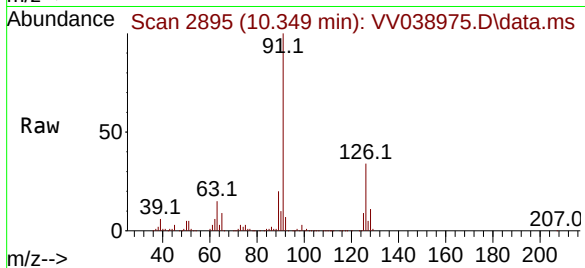
VSTDIC020

Tgt Ion: 91 Resp: 415958

Ion Ratio Lower Upper

91 100

126 33.8 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 20.050 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. -0.000 min

Lab File: VV038975.D

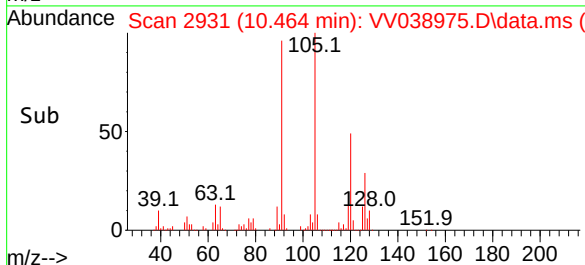
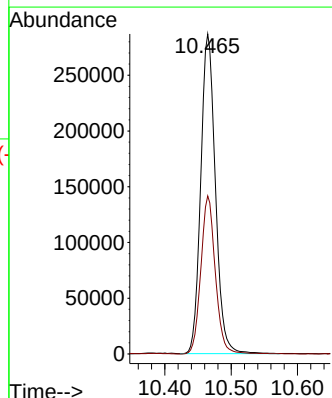
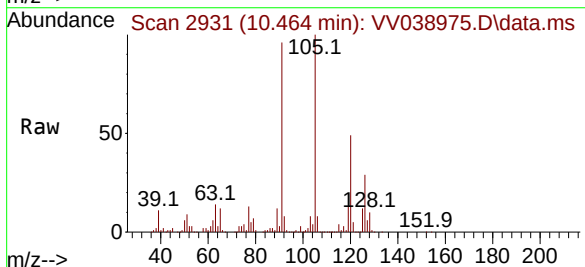
Acq: 21 Aug 2025 10:17

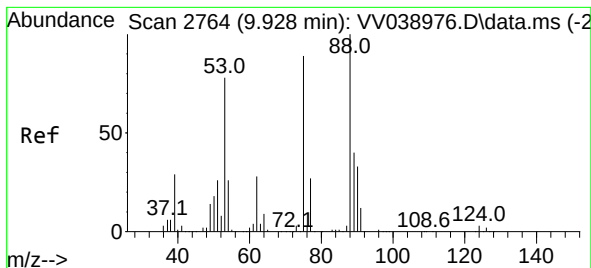
Tgt Ion: 105 Resp: 441294

Ion Ratio Lower Upper

105 100

120 48.8 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 20.710 ug/l

RT: 9.931 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

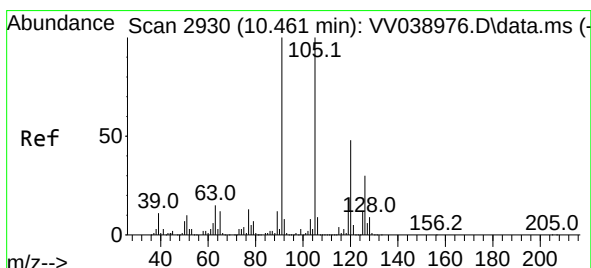
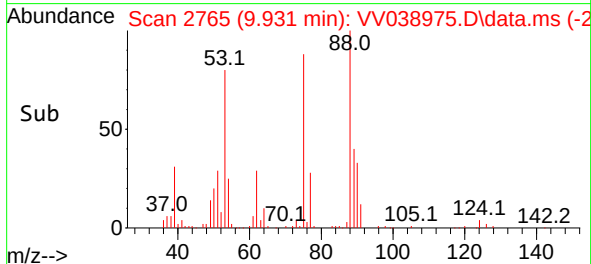
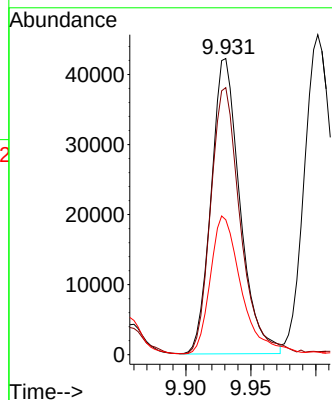
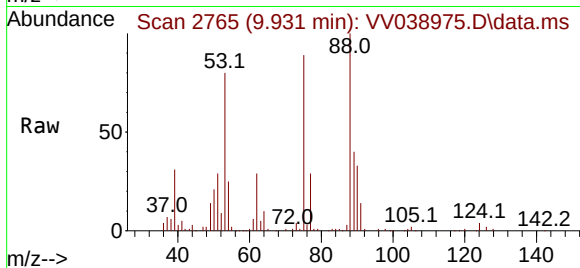
Tgt Ion: 75 Resp: 65212

Ion Ratio Lower Upper

75 100

53 92.3 70.3 105.5

89 50.0 37.9 56.9



#82

4-Chlorotoluene

Concen: 19.712 ug/l

RT: 10.461 min Scan# 2930

Delta R.T. -0.000 min

Lab File: VV038975.D

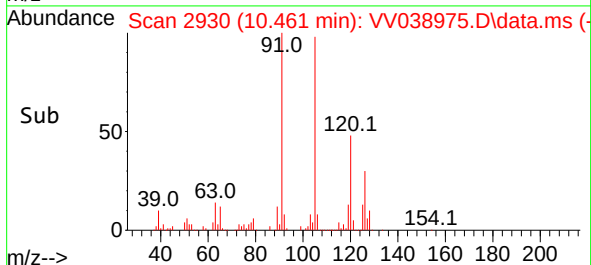
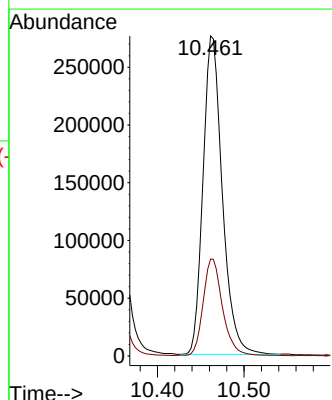
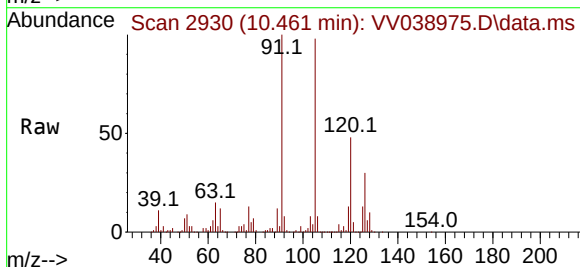
Acq: 21 Aug 2025 10:17

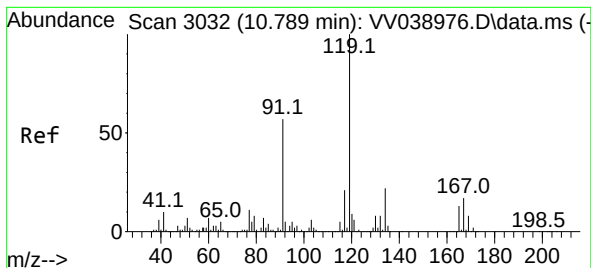
Tgt Ion: 91 Resp: 425956

Ion Ratio Lower Upper

91 100

126 30.7 14.9 44.5





#83

tert-Butylbenzene

Concen: 18.886 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

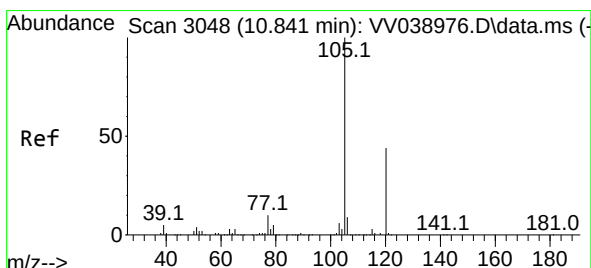
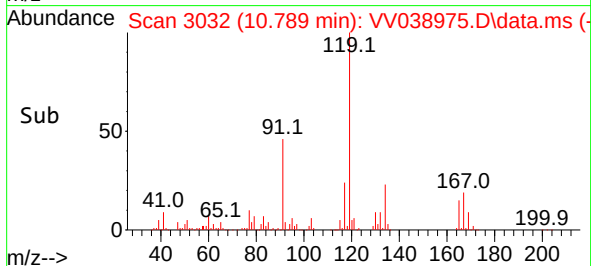
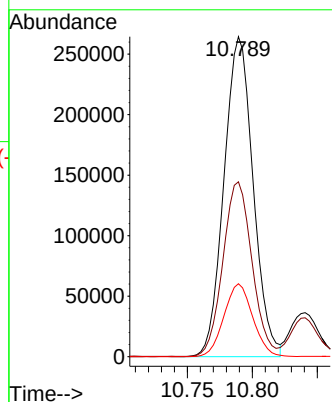
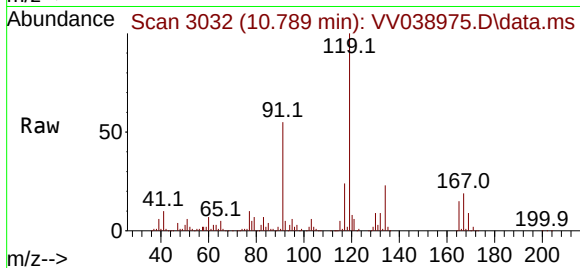
Tgt Ion:119 Resp: 412752

Ion Ratio Lower Upper

119 100

91 54.3 28.4 85.3

134 22.5 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 20.073 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VV038975.D

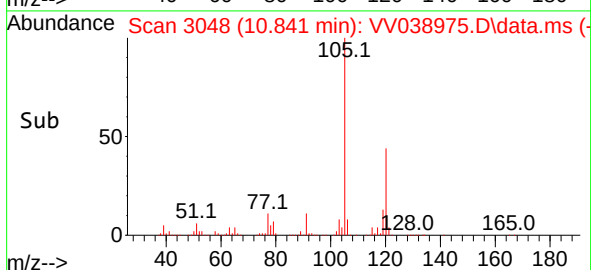
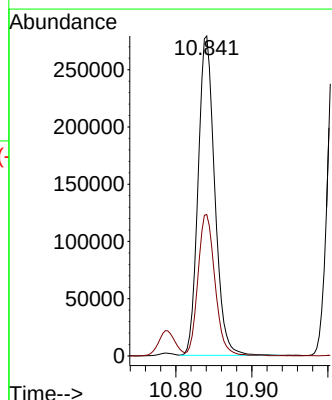
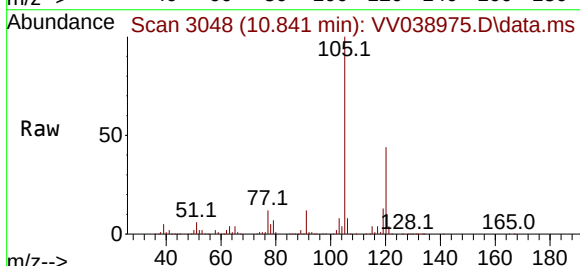
Acq: 21 Aug 2025 10:17

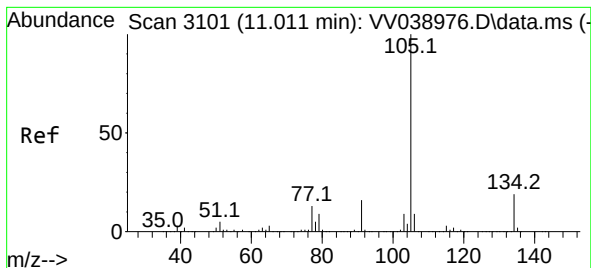
Tgt Ion:105 Resp: 422791

Ion Ratio Lower Upper

105 100

120 44.9 22.8 68.3





#85

sec-Butylbenzene

Concen: 19.594 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

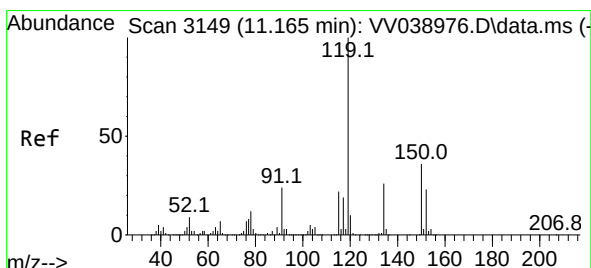
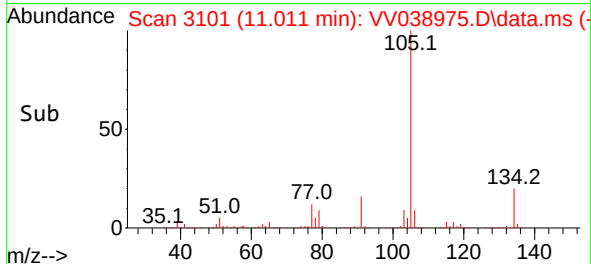
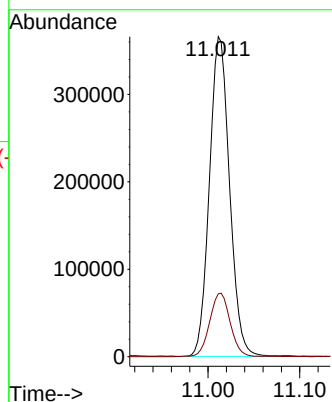
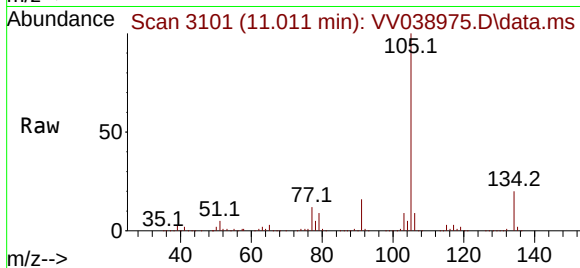
VSTDIC020

Tgt Ion:105 Resp: 556915

Ion Ratio Lower Upper

105 100

134 20.4 9.9 29.7



#86

p-Isopropyltoluene

Concen: 20.114 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

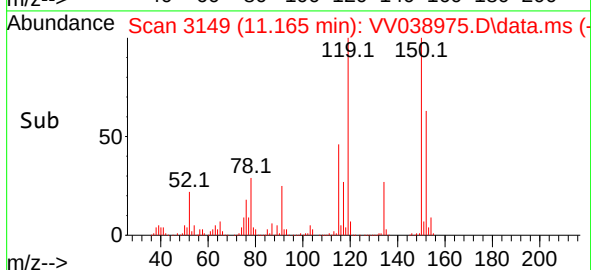
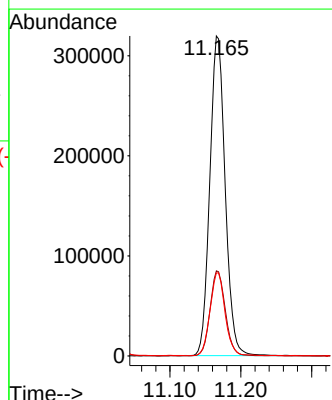
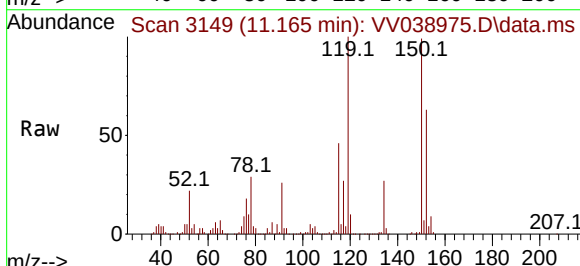
Tgt Ion:119 Resp: 481435

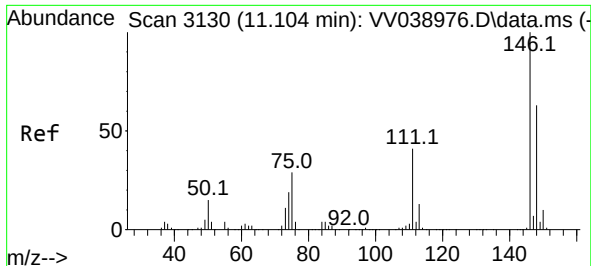
Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

91 25.4 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 19.507 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. -0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

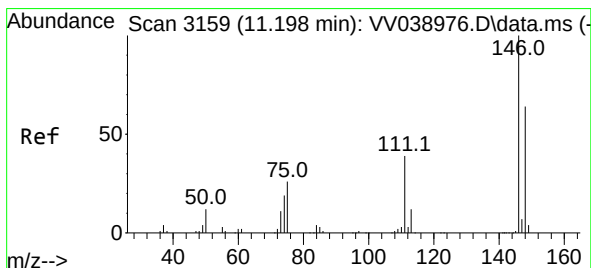
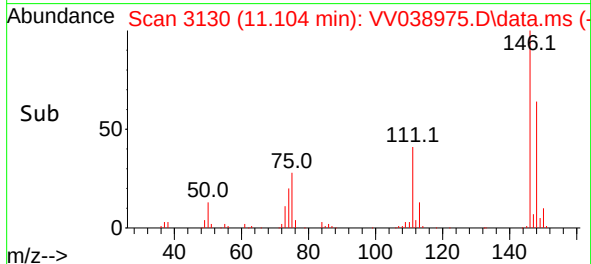
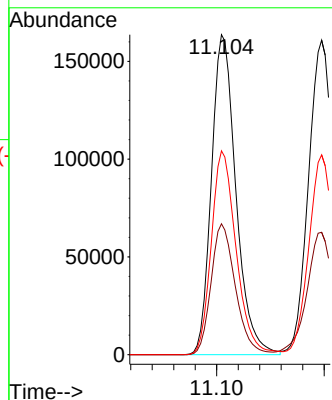
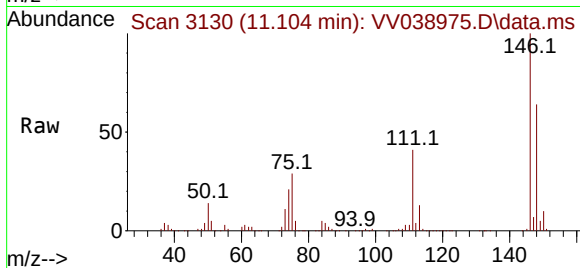
Tgt Ion:146 Resp: 258827

Ion Ratio Lower Upper

146 100

111 40.7 20.5 61.6

148 64.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.087 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. -0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

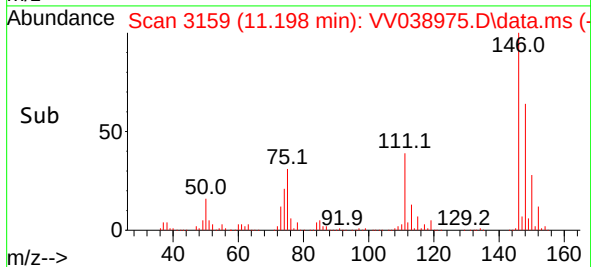
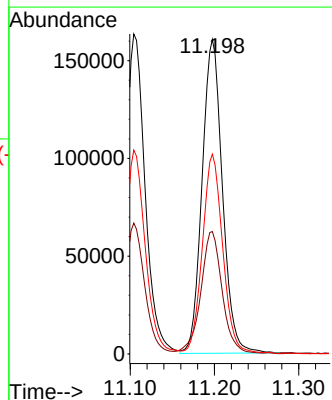
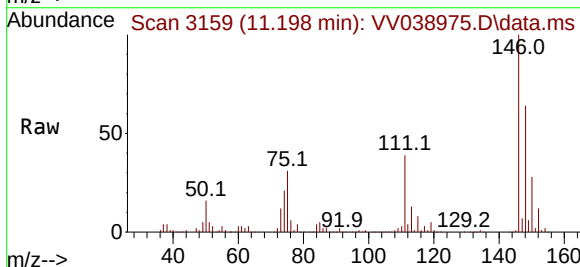
Tgt Ion:146 Resp: 270145

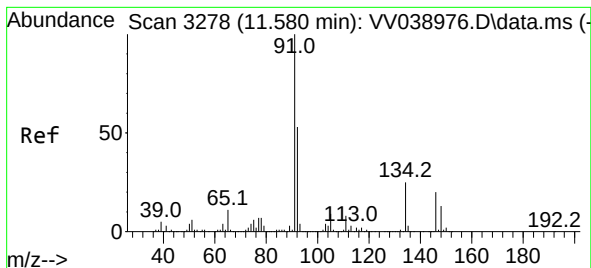
Ion Ratio Lower Upper

146 100

111 40.4 20.0 60.0

148 62.8 31.8 95.3





#89

n-Butylbenzene

Concen: 21.069 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

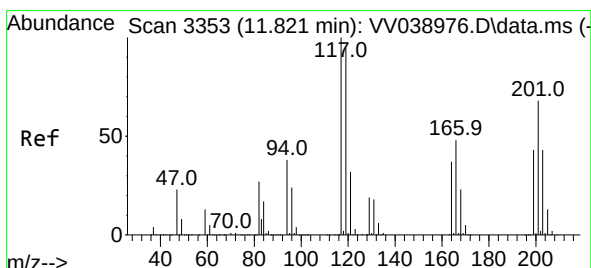
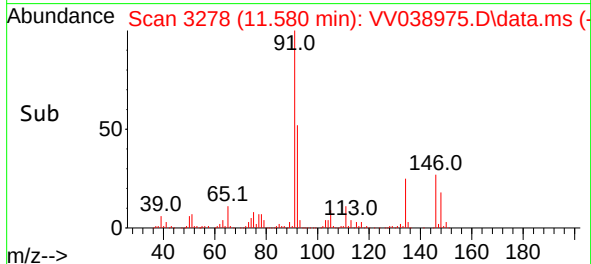
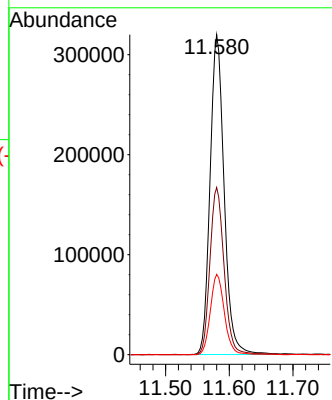
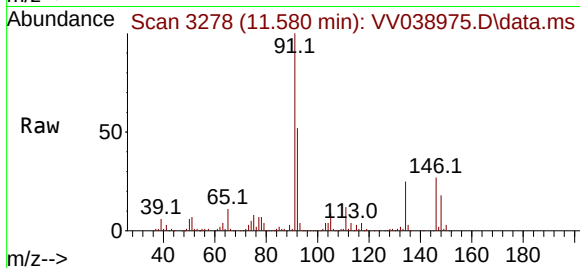
Tgt Ion: 91 Resp: 491308

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.5

134 25.1 12.6 37.8



#90

Hexachloroethane

Concen: 20.332 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. -0.000 min

Lab File: VV038975.D

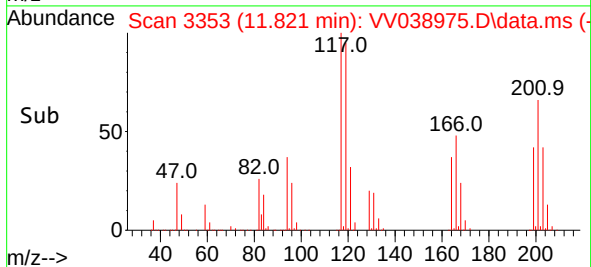
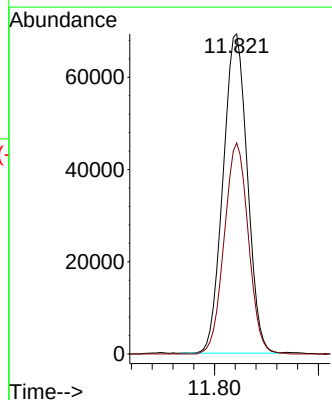
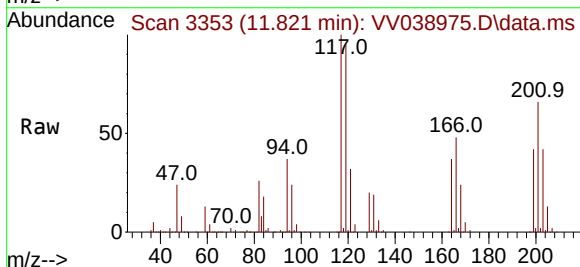
Acq: 21 Aug 2025 10:17

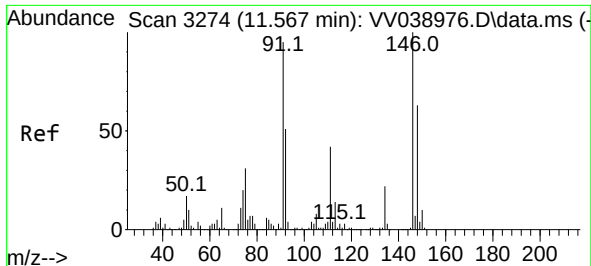
Tgt Ion: 117 Resp: 112471

Ion Ratio Lower Upper

117 100

201 65.7 33.7 101.0

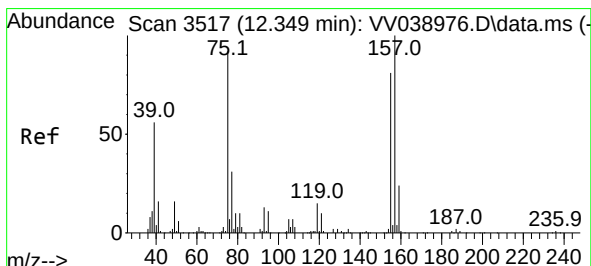
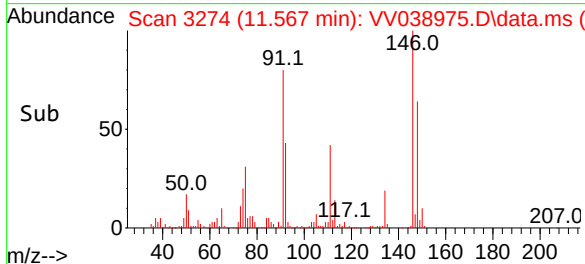
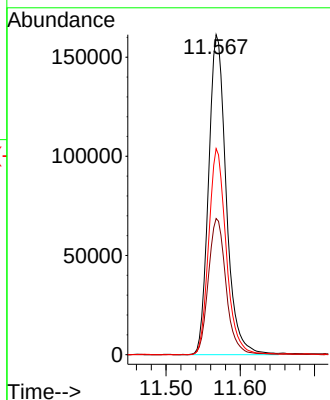
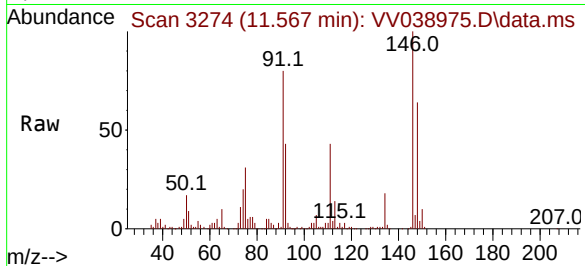




#91
1,2-Dichlorobenzene
Concen: 21.037 ug/l
RT: 11.567 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

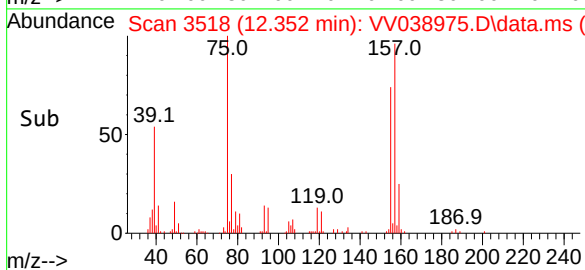
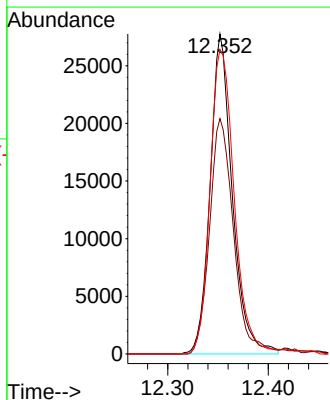
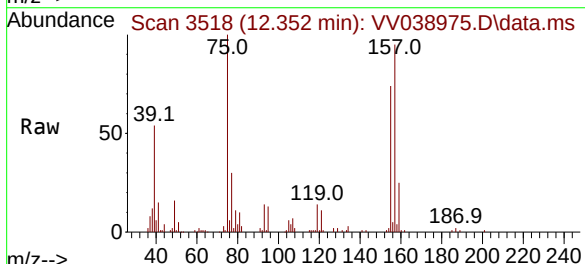
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

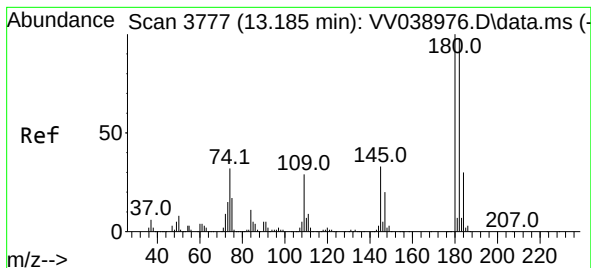
Tgt Ion:146 Resp: 266153
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.4
148 63.9 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.129 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.003 min
Lab File: VV038975.D
Acq: 21 Aug 2025 10:17

Tgt Ion: 75 Resp: 42681
Ion Ratio Lower Upper
75 100
155 79.2 43.7 131.1
157 103.8 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.742 ug/l

RT: 13.185 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

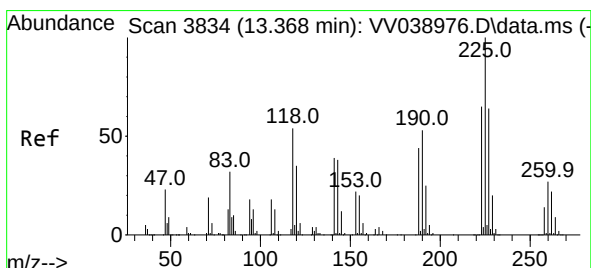
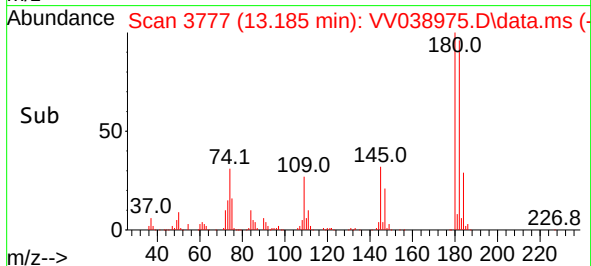
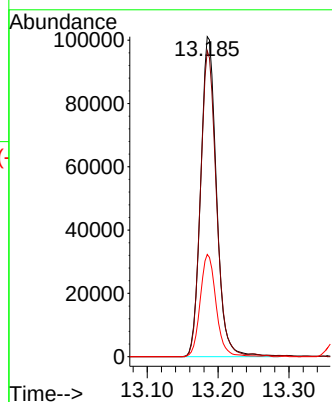
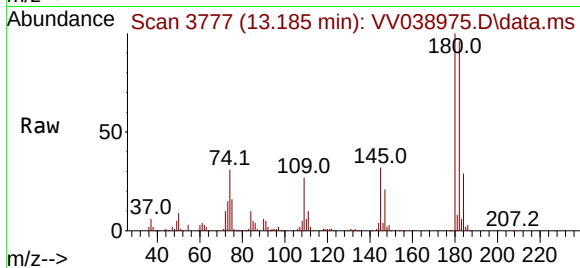
Tgt Ion:180 Resp: 156598

Ion Ratio Lower Upper

180 100

182 95.7 47.3 142.0

145 32.1 16.3 48.8



#94

Hexachlorobutadiene

Concen: 20.821 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

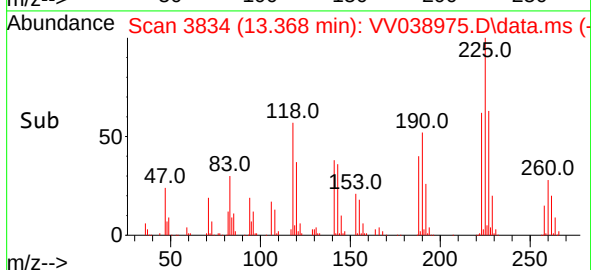
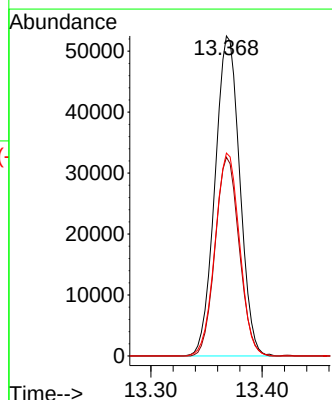
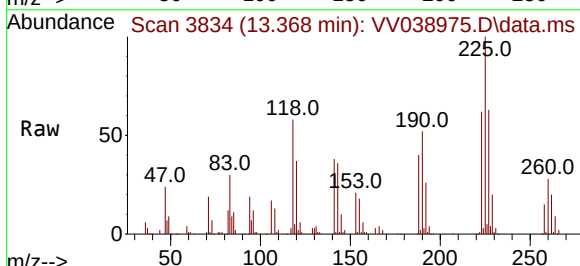
Tgt Ion:225 Resp: 81040

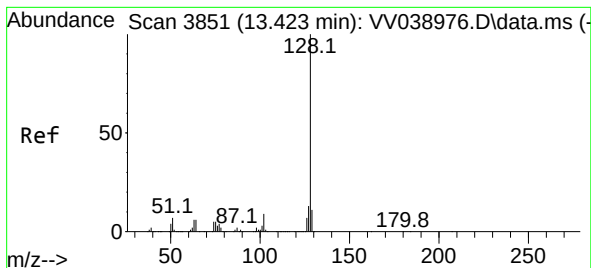
Ion Ratio Lower Upper

225 100

223 60.3 31.9 95.7

227 62.7 30.8 92.3





#95

Naphthalene

Concen: 20.490 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

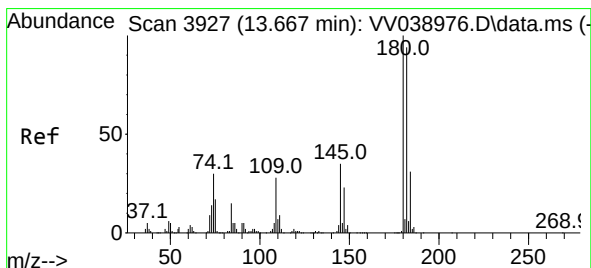
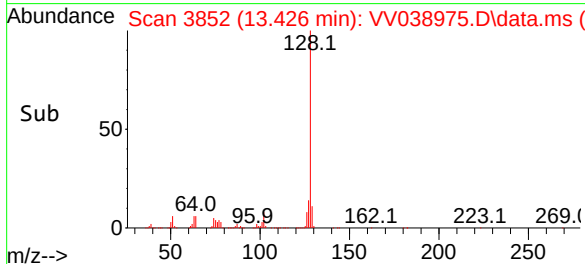
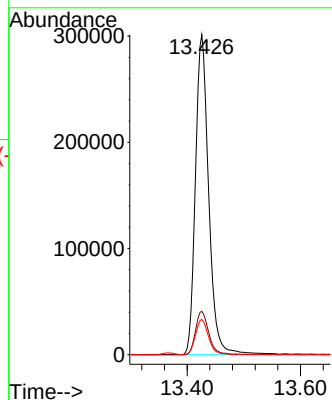
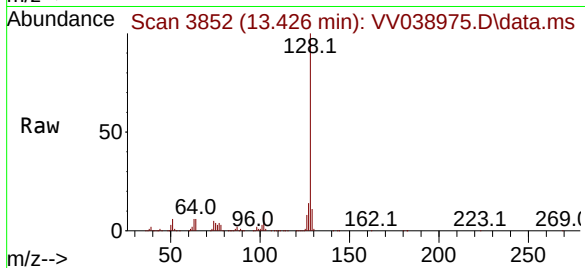
Tgt Ion:128 Resp: 488193

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 21.692 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. -0.000 min

Lab File: VV038975.D

Acq: 21 Aug 2025 10:17

Tgt Ion:180 Resp: 165134

Ion Ratio Lower Upper

180 100

182 92.4 47.0 141.0

145 34.5 17.3 52.0

