

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062725\
 Data File : VV038827.D
 Acq On : 27 Jun 2025 10:26
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 28 03:59:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 28 03:44:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	543182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	900578	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	834884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	464034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	650313	92.998	ug/l	0.00
Spiked Amount 50.000			Recovery	=	186.000%	
35) Dibromofluoromethane	4.497	113	566223	96.906	ug/l	0.00
Spiked Amount 50.000			Recovery	=	193.820%	
50) Toluene-d8	7.233	98	1929675	96.657	ug/l	0.00
Spiked Amount 50.000			Recovery	=	193.320%	
62) 4-Bromofluorobenzene	9.998	95	763635	103.906	ug/l	0.00
Spiked Amount 50.000			Recovery	=	207.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	478287	92.755	ug/l	98
3) Chloromethane	1.230	50	587434	87.932	ug/l	100
4) Vinyl Chloride	1.298	62	641873	90.045	ug/l	98
5) Bromomethane	1.481	94	388642	105.513	ug/l	95
6) Chloroethane	1.552	64	411003	89.106	ug/l	98
7) Trichlorofluoromethane	1.722	101	941823	88.796	ug/l	100
8) Diethyl Ether	1.915	74	377205	93.083	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	571010	89.396	ug/l	99
10) Methyl Iodide	2.195	142	737467	100.815	ug/l	99
11) Tert butyl alcohol	2.574	59	626602	525.495	ug/l	100
12) 1,1-Dichloroethene	2.079	96	536883	99.571	ug/l	97
13) Acrolein	2.005	56	229299	509.252	ug/l	98
14) Allyl chloride	2.355	41	1001291	96.650	ug/l	99
15) Acrylonitrile	2.671	53	2053902	505.852	ug/l	99
16) Acetone	2.114	43	1525767	485.174	ug/l	100
17) Carbon Disulfide	2.249	76	1378281	101.123	ug/l	100
18) Methyl Acetate	2.375	43	1034468	102.665	ug/l	100
19) Methyl tert-butyl Ether	2.706	73	1941811	100.294	ug/l	100
20) Methylene Chloride	2.452	84	639111	87.315	ug/l	100
21) trans-1,2-Dichloroethene	2.699	96	582102	91.423	ug/l	98
22) Diisopropyl ether	3.211	45	2137047	101.931	ug/l	84
23) Vinyl Acetate	3.182	43	8946280	537.167	ug/l	100
24) 1,1-Dichloroethane	3.114	63	1155814	91.925	ug/l	99
25) 2-Butanone	3.854	43	2593673	551.420	ug/l	99
26) 2,2-Dichloropropane	3.809	77	1002255	94.641	ug/l	99
27) cis-1,2-Dichloroethene	3.815	96	705981	95.661	ug/l	100
28) Bromochloromethane	4.140	49	526268	89.683	ug/l	100
29) Tetrahydrofuran	4.223	42	1737622	507.493	ug/l	98
30) Chloroform	4.275	83	1168316	90.426	ug/l	99
31) Cyclohexane	4.580	56	940263	96.182	ug/l	99
32) 1,1,1-Trichloroethane	4.510	97	1009159	90.853	ug/l	99
36) 1,1-Dichloropropene	4.741	75	783585	91.534	ug/l	99
37) Ethyl Acetate	3.963	43	1047480	91.159	ug/l	97
38) Carbon Tetrachloride	4.735	117	856834	94.041	ug/l	100
39) Methylcyclohexane	6.043	83	1016133	105.787	ug/l	98
40) Benzene	5.005	78	2471560	97.586	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.146	41	507678	101.456	ug/l	98
42) 1,2-Dichloroethane	5.034	62	846052	92.614	ug/l	98
43) Isopropyl Acetate	5.185	43	1598546	114.444	ug/l	99
44) Trichloroethene	5.828	130	593267	97.603	ug/l	98
45) 1,2-Dichloropropane	6.085	63	657230	98.705	ug/l	100
46) Dibromomethane	6.220	93	460720	94.324	ug/l	99
47) Bromodichloromethane	6.423	83	952620	96.573	ug/l	99
48) Methyl methacrylate	6.288	41	762238	115.141	ug/l	99
49) 1,4-Dioxane	6.281	88	213965	2007.840	ug/l	95
51) 4-Methyl-2-Pentanone	7.146	43	5546094	539.308	ug/l	100
52) Toluene	7.307	92	1549957	100.389	ug/l	98
53) t-1,3-Dichloropropene	7.571	75	1004670	106.834	ug/l	100
54) cis-1,3-Dichloropropene	6.944	75	1073084	103.163	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	628929	94.406	ug/l	98
56) Ethyl methacrylate	7.712	69	1052769	115.996	ug/l	100
57) 1,3-Dichloropropane	7.931	76	1093199	99.719	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	2911141	516.536	ug/l	99
59) 2-Hexanone	8.059	43	4123427	569.231	ug/l	98
60) Dibromochloromethane	8.165	129	755019	97.750	ug/l	98
61) 1,2-Dibromoethane	8.272	107	673856	97.997	ug/l	99
64) Tetrachloroethene	7.895	164	533266	91.520	ug/l	98
65) Chlorobenzene	8.802	112	1753395	96.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	615371	95.320	ug/l	99
67) Ethyl Benzene	8.934	91	3039178	105.771	ug/l	100
68) m/p-Xylenes	9.059	106	2346115	216.793	ug/l	99
69) o-Xylene	9.468	106	1115046	110.149	ug/l	99
70) Styrene	9.484	104	1958594	114.571	ug/l	99
71) Bromoform	9.654	173	523628	100.669	ug/l #	99
73) Isopropylbenzene	9.854	105	3021026	106.780	ug/l	100
74) N-amyl acetate	9.722	43	1432967	116.166	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	1098473	93.248	ug/l	99
76) 1,2,3-Trichloropropane	10.194	75	863788	96.838	ug/l	82
77) Bromobenzene	10.140	156	709422	99.455	ug/l	99
78) n-propylbenzene	10.278	91	3643550	106.491	ug/l	100
79) 2-Chlorotoluene	10.345	91	2107624	103.532	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	2551727	108.540	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	428826	111.332	ug/l	95
82) 4-Chlorotoluene	10.461	91	2499752	106.507	ug/l	99
83) tert-Butylbenzene	10.789	119	2527944	107.835	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	2544679	111.625	ug/l	100
85) sec-Butylbenzene	11.011	105	3404806	110.115	ug/l	100
86) p-Isopropyltoluene	11.165	119	2860720	108.284	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	1431882	98.623	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	1461629	92.943	ug/l	98
89) n-Butylbenzene	11.577	91	2840093	110.997	ug/l	99
90) Hexachloroethane	11.821	117	562633	96.736	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	1385487	98.434	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	260356	104.250	ug/l	95
93) 1,2,4-Trichlorobenzene	13.185	180	937656	112.917	ug/l	100
94) Hexachlorobutadiene	13.368	225	394747	97.749	ug/l	99
95) Naphthalene	13.422	128	3425926	100.382	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	938607	110.029	ug/l	99

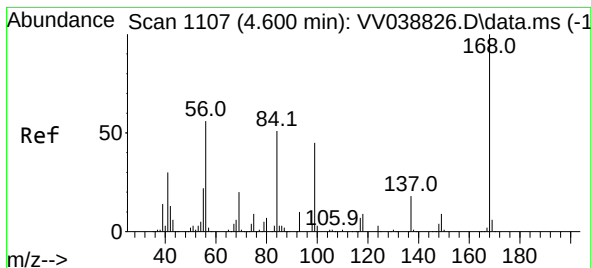
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062725\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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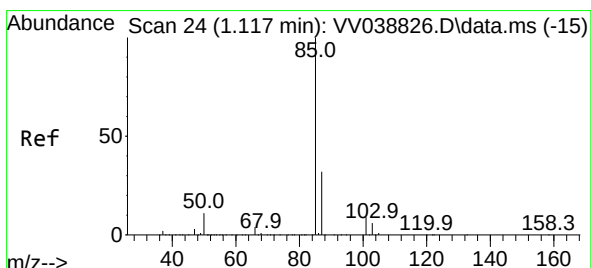
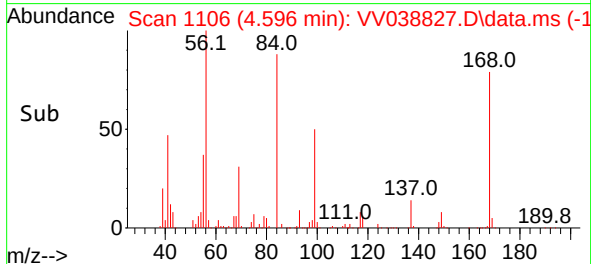
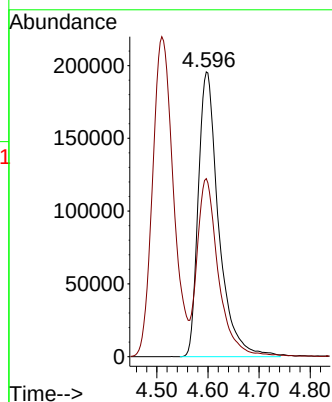
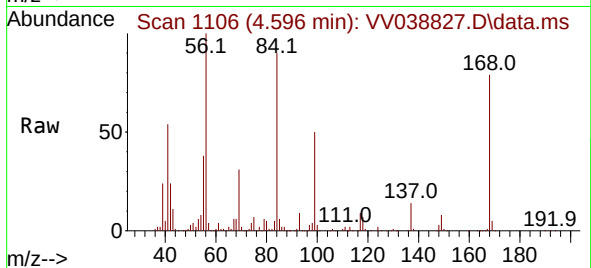
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.004 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

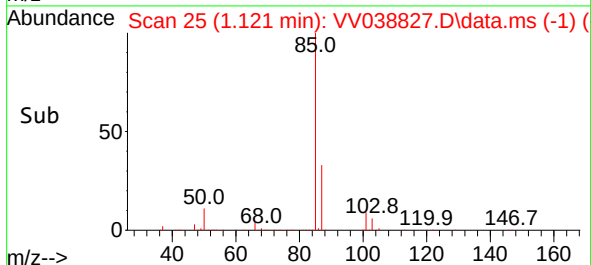
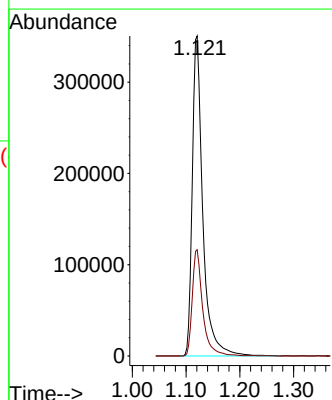
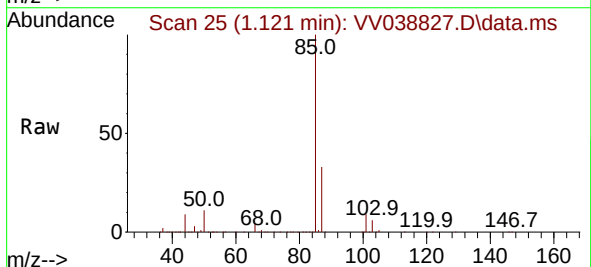
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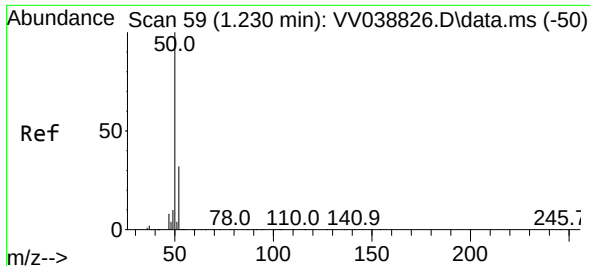
Tgt Ion:168 Resp: 543182
Ion Ratio Lower Upper
168 100
99 62.0 49.0 73.6



#2
Dichlorodifluoromethane
Concen: 92.755 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 85 Resp: 478287
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.3

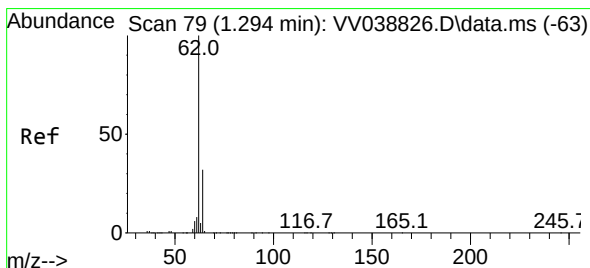
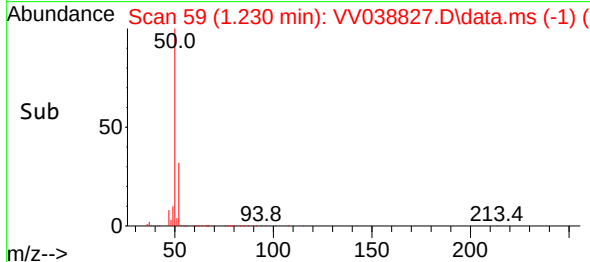
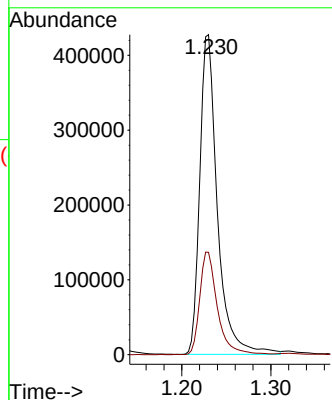
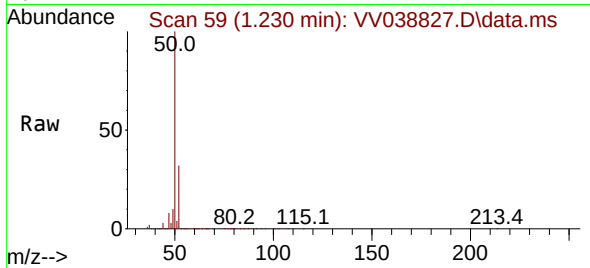




#3
Chloromethane
Concen: 87.932 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

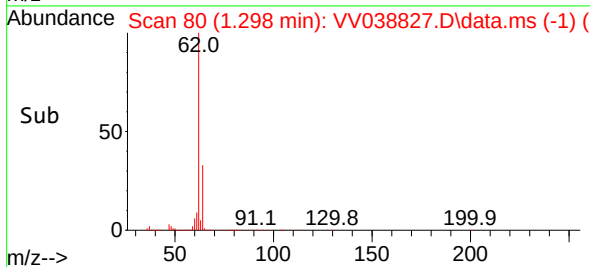
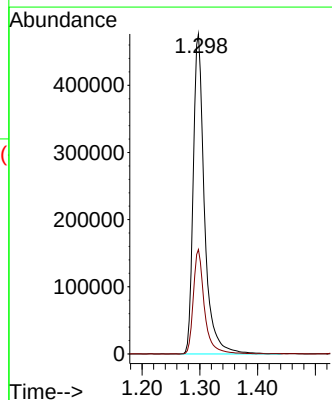
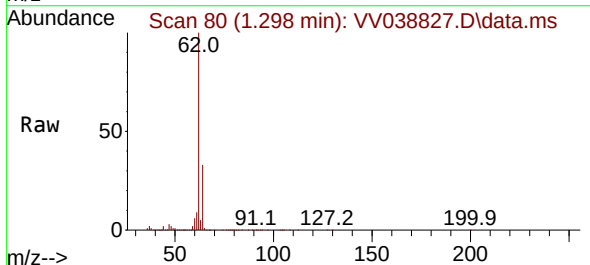
Instrument :
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ClientSampleId :
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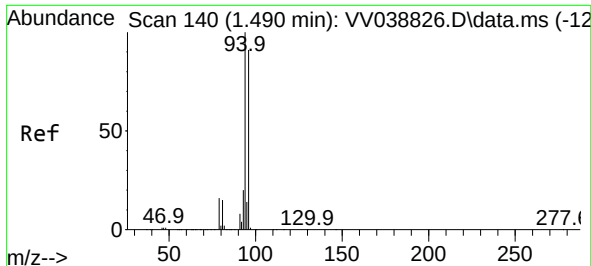
Tgt Ion: 50 Resp: 587434
Ion Ratio Lower Upper
50 100
52 31.9 25.8 38.6



#4
Vinyl Chloride
Concen: 90.045 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 62 Resp: 641873
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9

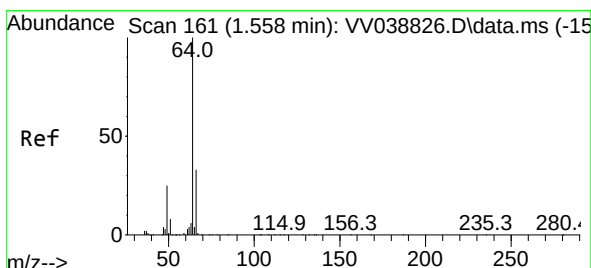
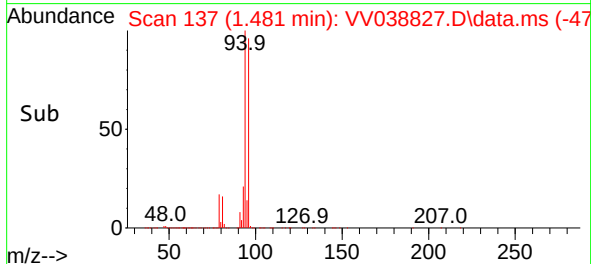
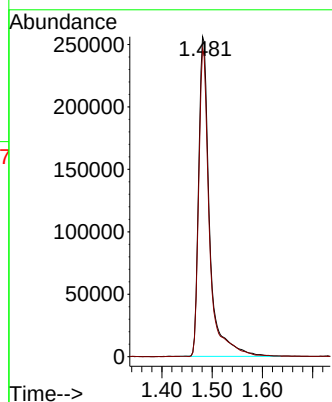
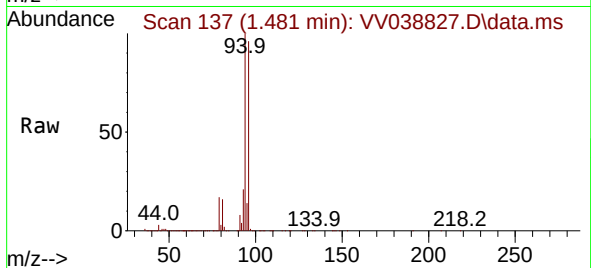




#5
Bromomethane
Concen: 105.513 ug/l
RT: 1.481 min Scan# 11
Delta R.T. -0.009 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

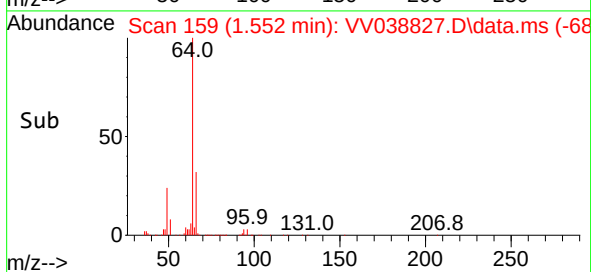
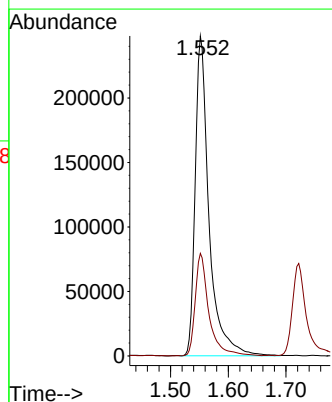
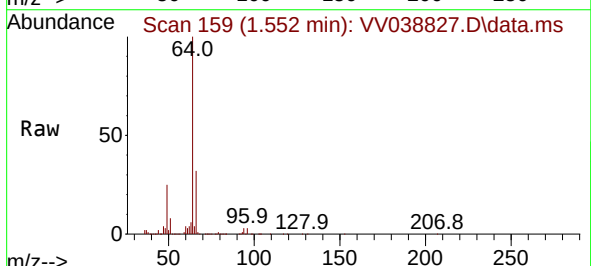
Instrument :
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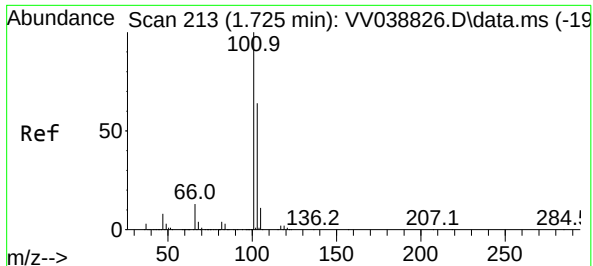
Tgt Ion: 94 Resp: 388642
Ion Ratio Lower Upper
94 100
96 96.2 72.9 109.3



#6
Chloroethane
Concen: 89.106 ug/l
RT: 1.552 min Scan# 159
Delta R.T. -0.006 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 64 Resp: 411003
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5

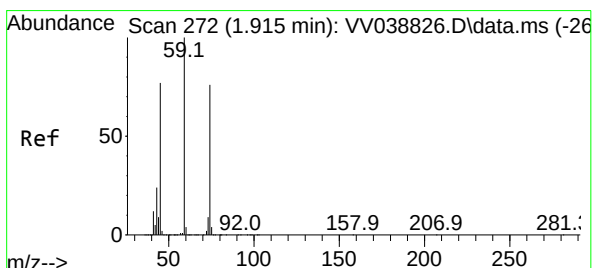
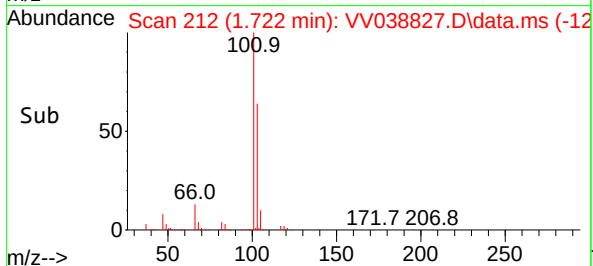
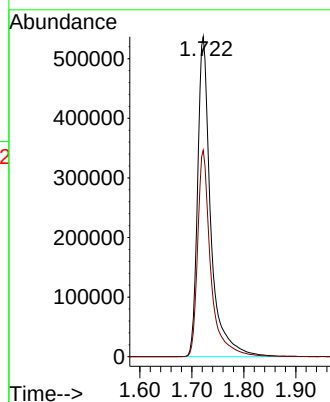
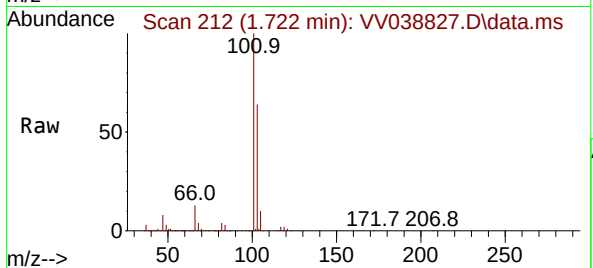




#7
Trichlorofluoromethane
Concen: 88.796 ug/l
RT: 1.722 min Scan# 213
Delta R.T. -0.003 min
Lab File: VV038827.D
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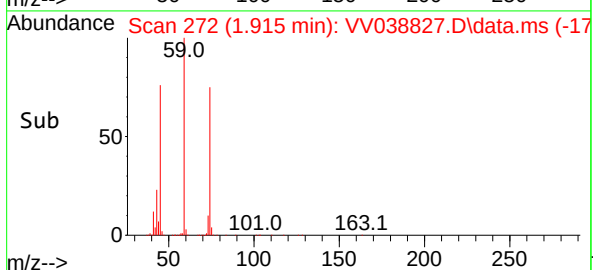
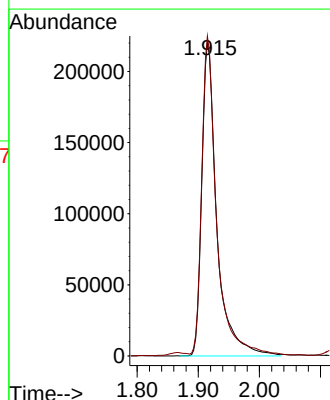
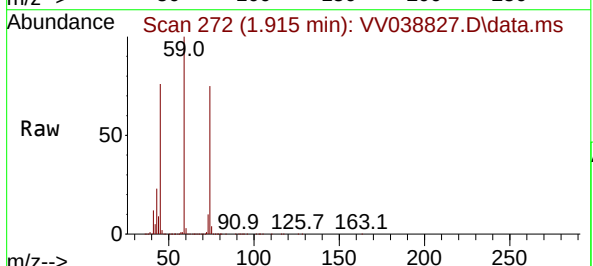
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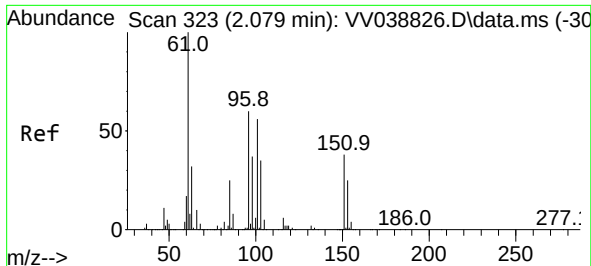
Tgt Ion:101 Resp: 941823
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3



#8
Diethyl Ether
Concen: 93.083 ug/l
RT: 1.915 min Scan# 272
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 74 Resp: 377205
Ion Ratio Lower Upper
74 100
45 99.8 50.2 150.6

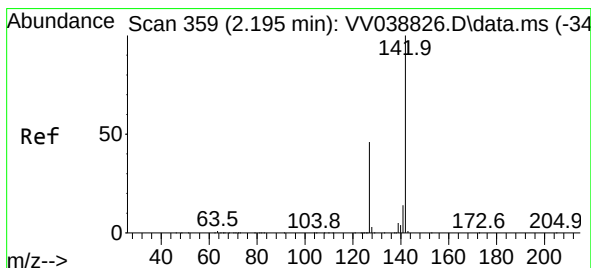
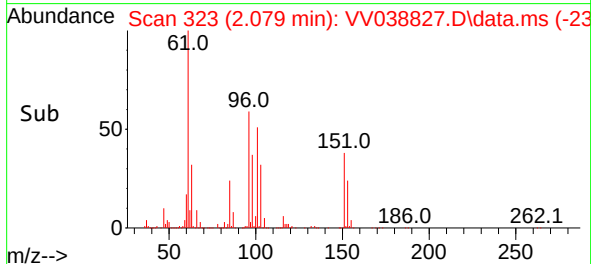
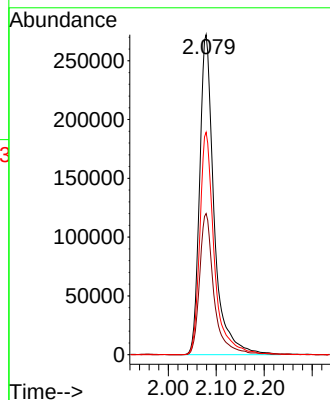
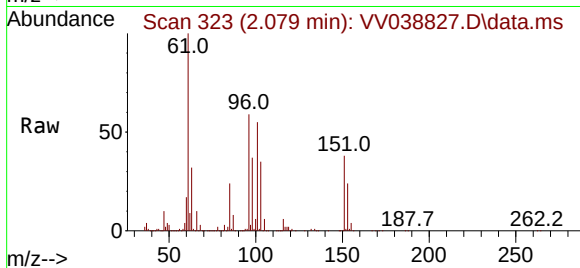




#9
1,1,2-Trichlorotrifluoroethane
Concen: 89.396 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038827.D
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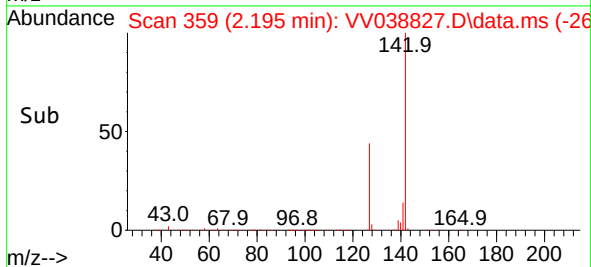
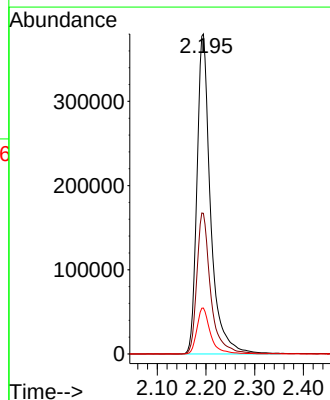
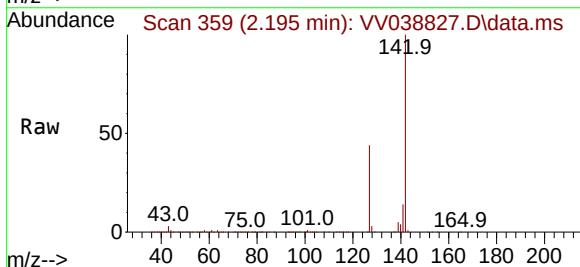
Instrument :
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ClientSampleId :
VSTDIC100

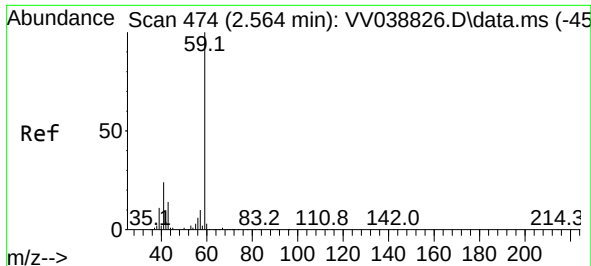
Tgt Ion:101 Resp: 571010
Ion Ratio Lower Upper
101 100
85 43.6 35.5 53.3
151 69.5 55.4 83.2



#10
Methyl Iodide
Concen: 100.815 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion:142 Resp: 737467
Ion Ratio Lower Upper
142 100
127 44.8 36.4 54.6
141 14.3 11.9 17.9

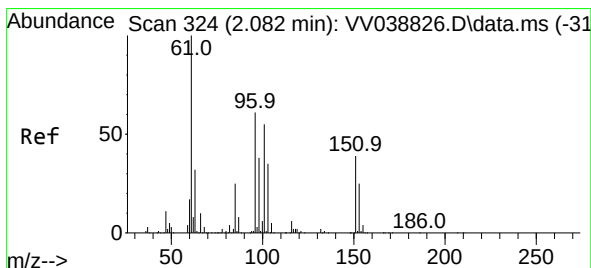
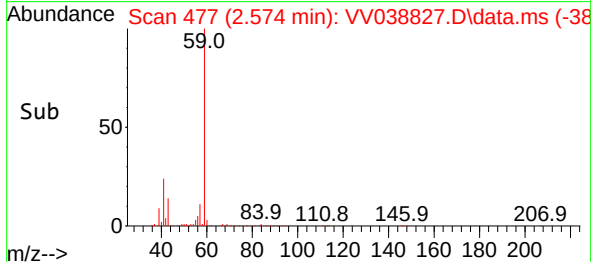
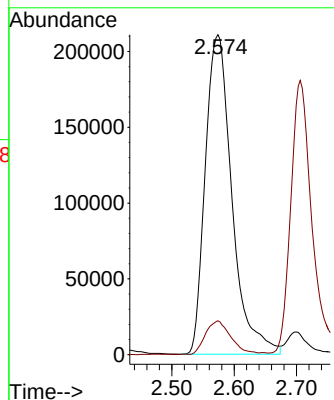
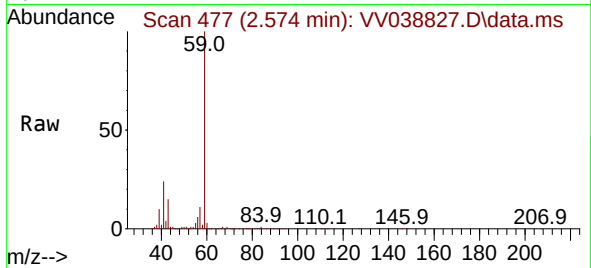




#11
Tert butyl alcohol
Concen: 525.495 ug/l
RT: 2.574 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

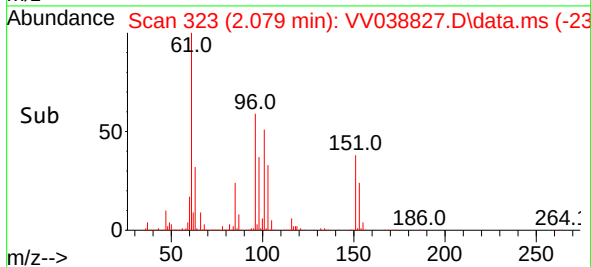
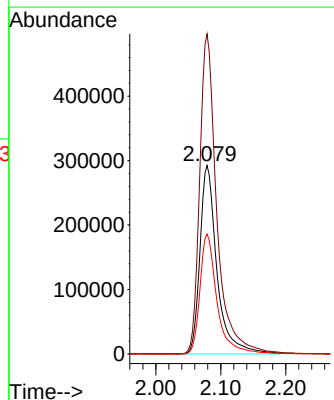
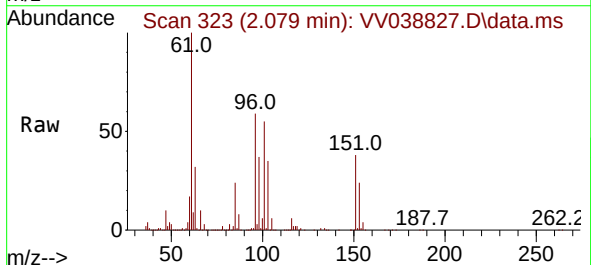
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

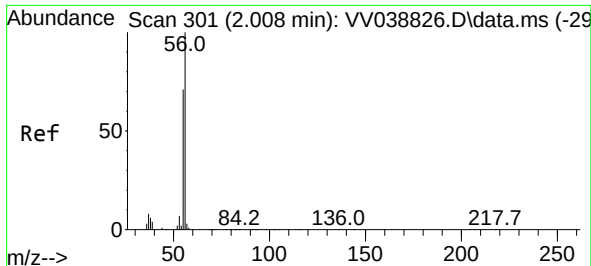
Tgt Ion: 59 Resp: 626602
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 99.571 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 96 Resp: 536883
Ion Ratio Lower Upper
96 100
61 169.8 131.5 197.3
98 63.6 50.0 75.0

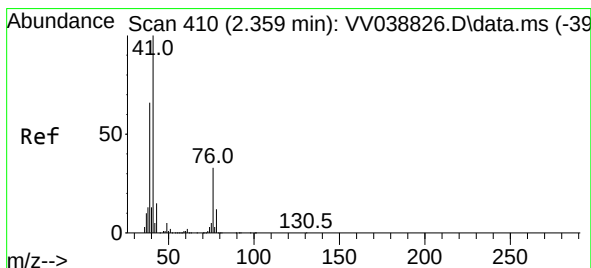
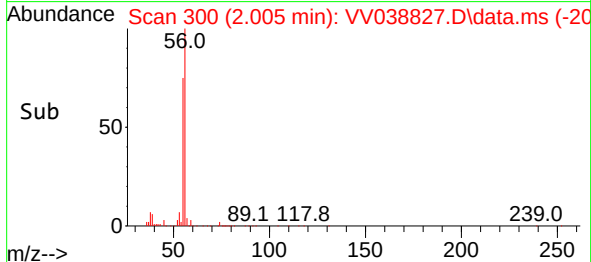
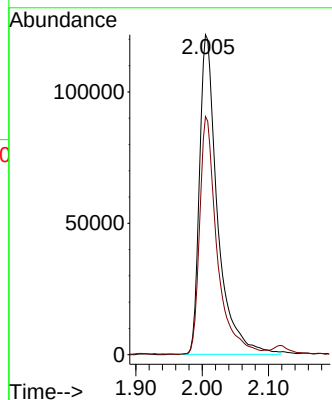
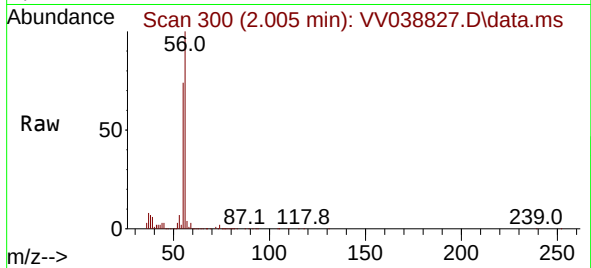




#13
Acrolein
Concen: 509.252 ug/l
RT: 2.005 min Scan# 301
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

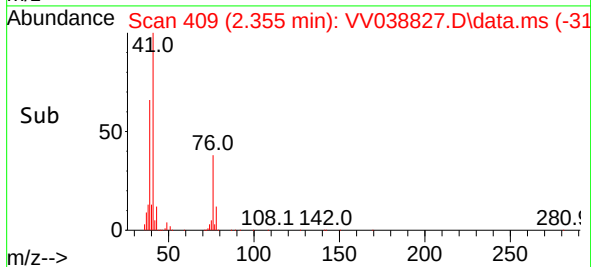
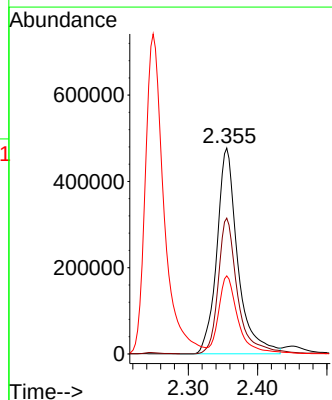
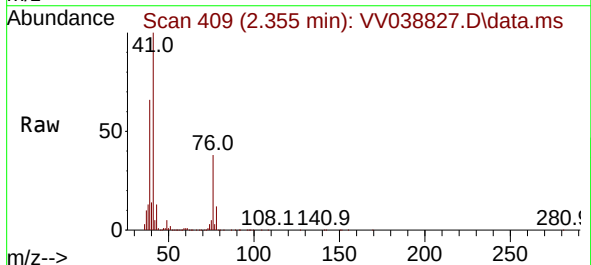
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

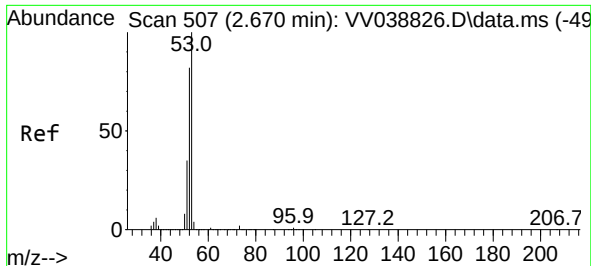
Tgt Ion: 56 Resp: 229299
Ion Ratio Lower Upper
56 100
55 71.6 56.0 84.0



#14
Allyl chloride
Concen: 96.650 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 41 Resp: 1001291
Ion Ratio Lower Upper
41 100
39 61.7 49.4 74.0
76 35.2 28.8 43.2



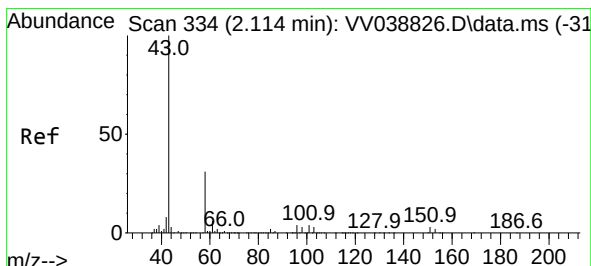
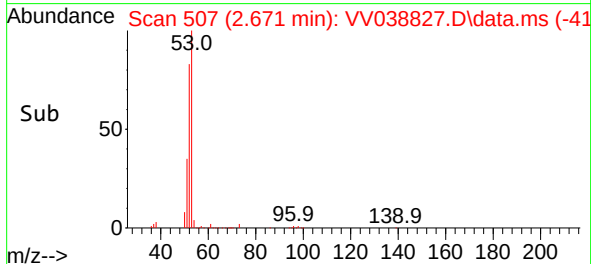
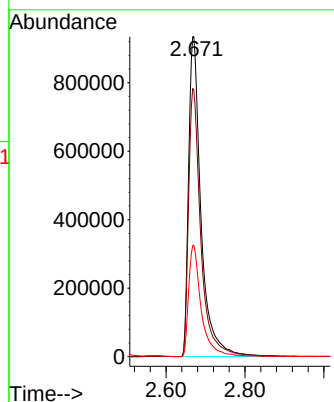
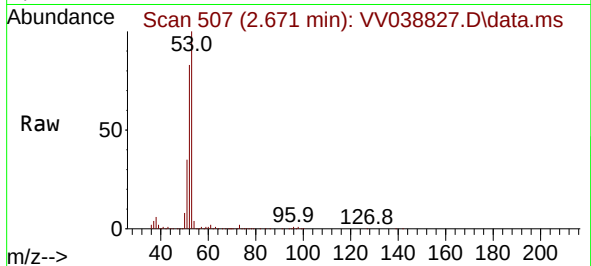


#15
Acrylonitrile
Concen: 505.852 ug/l
RT: 2.671 min Scan# 507
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 53 Resp: 2053902

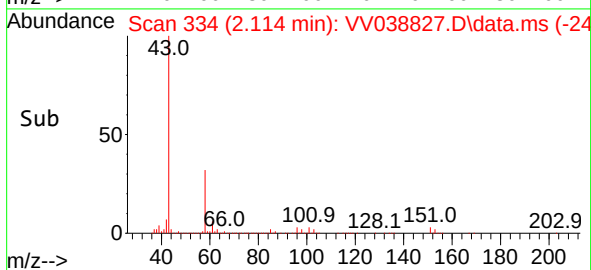
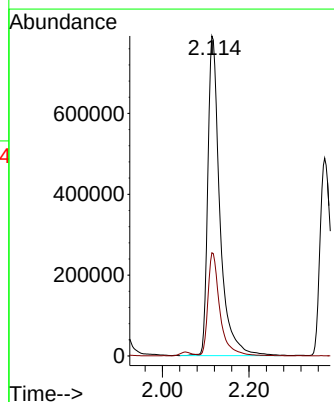
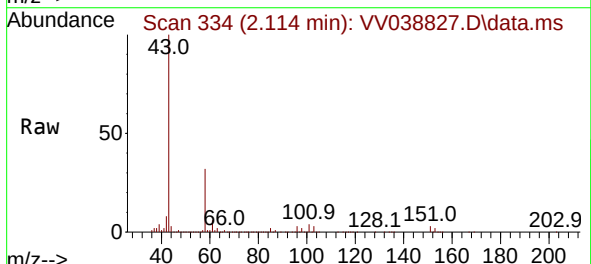
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.5	98.3
51	35.2	28.3	42.5

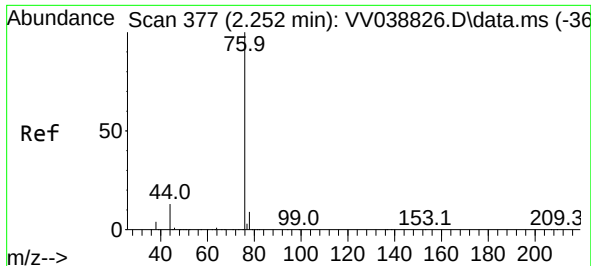


#16
Acetone
Concen: 485.174 ug/l
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 43 Resp: 1525767

Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.7	38.5

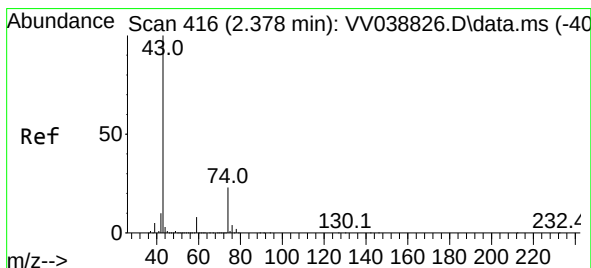
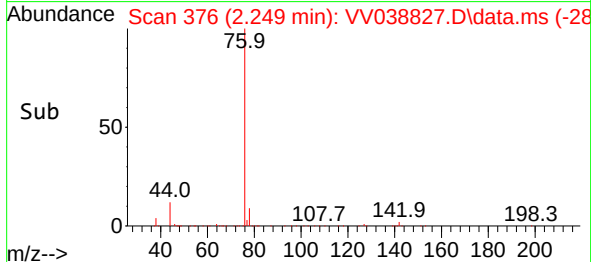
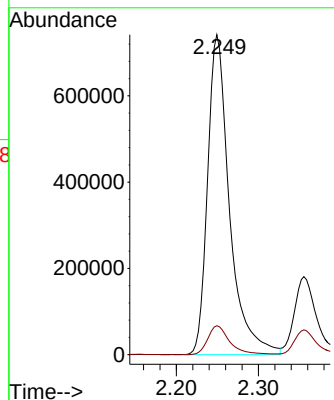
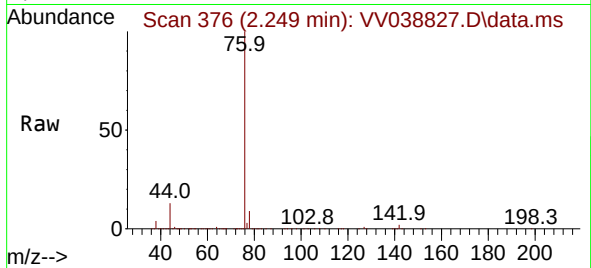




#17
Carbon Disulfide
Concen: 101.123 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

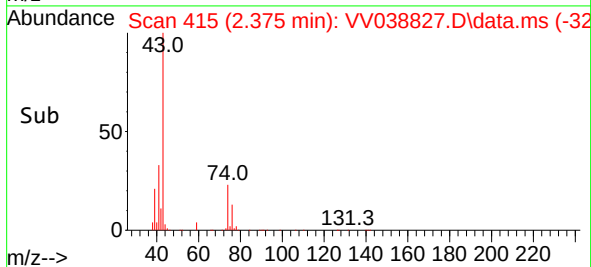
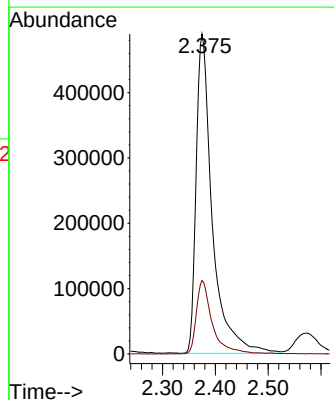
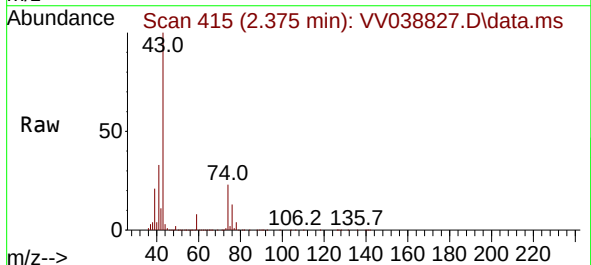
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

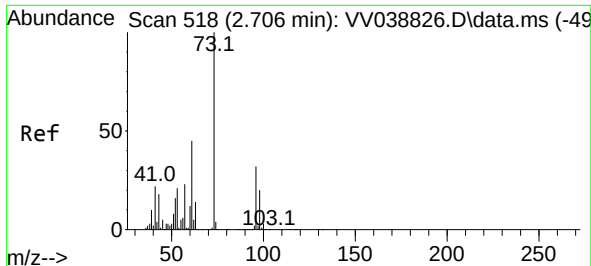
Tgt Ion: 76 Resp: 1378281
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 102.665 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 43 Resp: 1034468
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.2

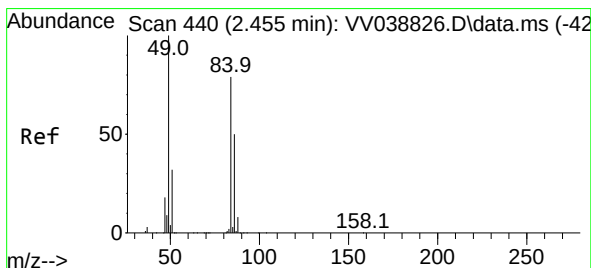
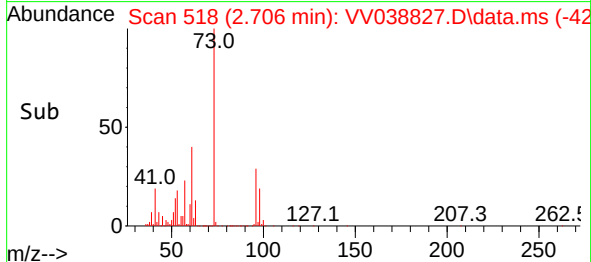
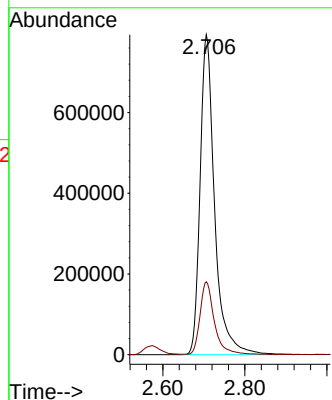
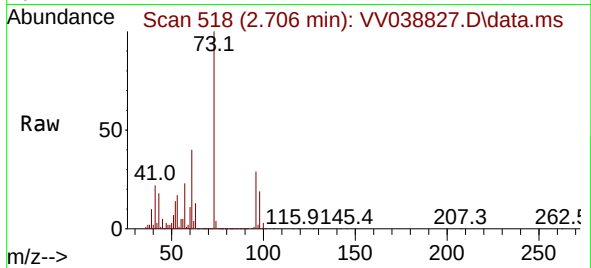




#19
Methyl tert-butyl Ether
Concen: 100.294 ug/l
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

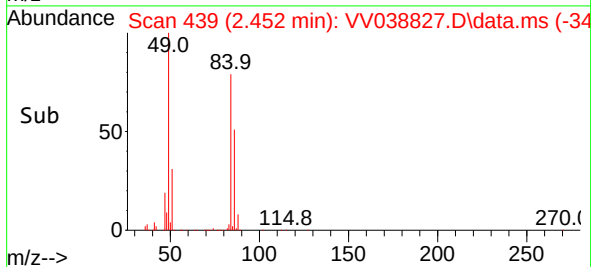
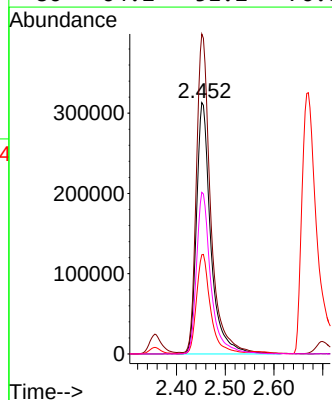
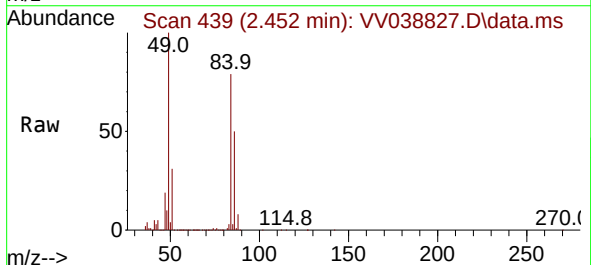
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

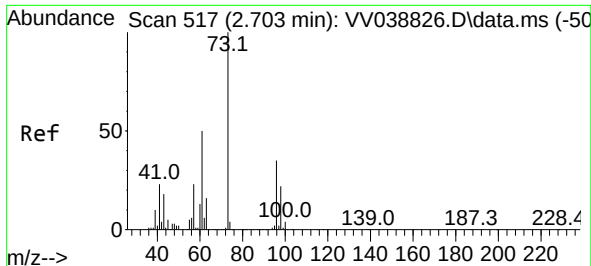
Tgt Ion: 73 Resp: 1941811
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.4



#20
Methylene Chloride
Concen: 87.315 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 84 Resp: 639111
Ion Ratio Lower Upper
84 100
49 127.0 101.4 152.2
51 39.3 32.3 48.5
86 64.2 51.2 76.8

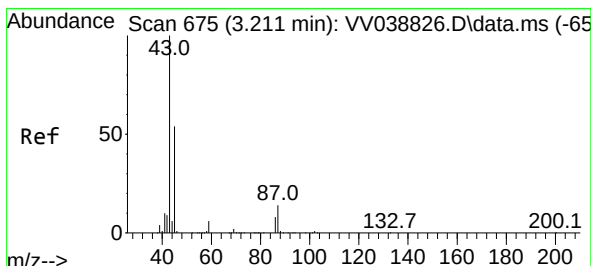
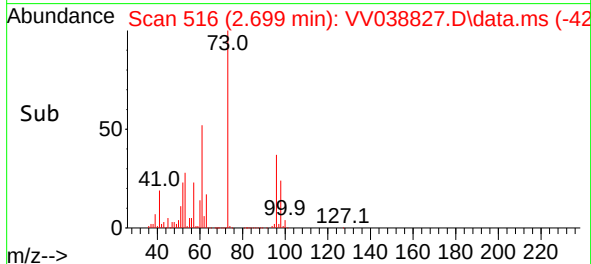
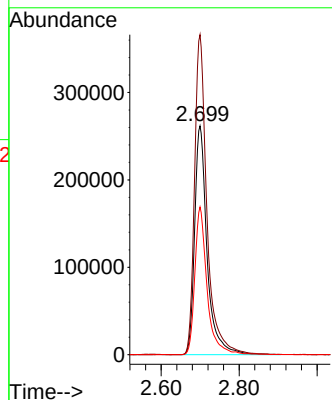
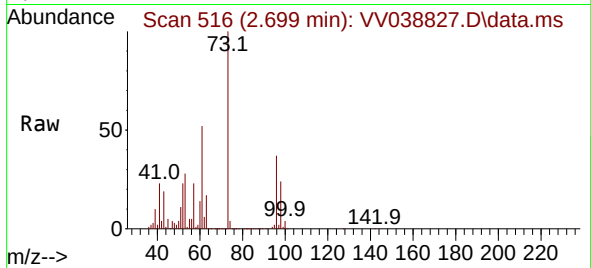




#21
trans-1,2-Dichloroethene
Concen: 91.423 ug/l
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

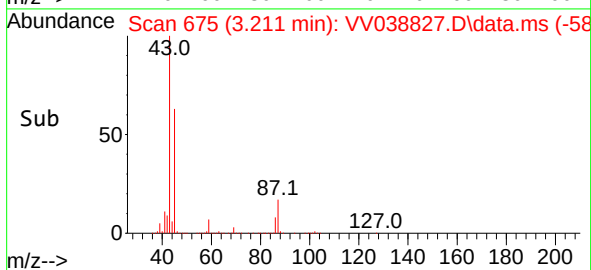
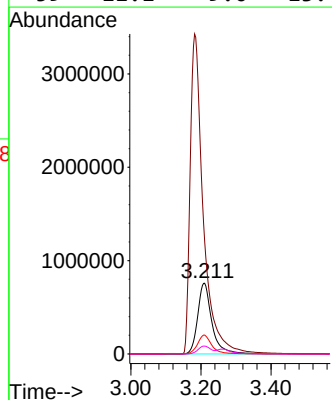
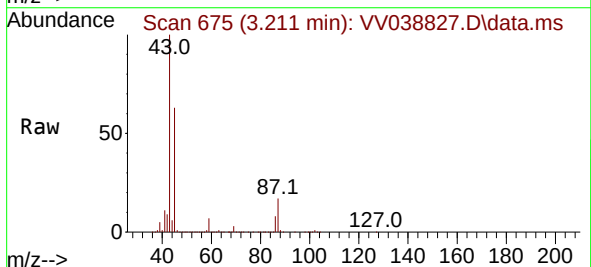
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

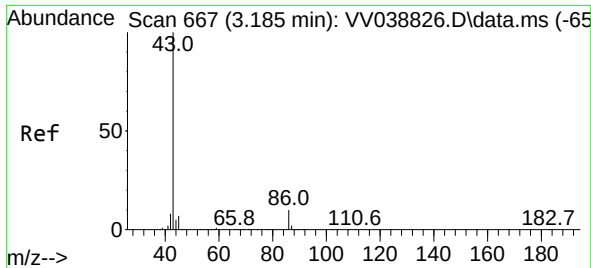
Tgt Ion: 96 Resp: 582102
Ion Ratio Lower Upper
96 100
61 139.8 112.6 169.0
98 64.5 49.6 74.4



#22
Diisopropyl ether
Concen: 101.931 ug/l
RT: 3.211 min Scan# 675
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 45 Resp: 2137047
Ion Ratio Lower Upper
45 100
43 159.1 148.7 223.1
87 26.6 21.0 31.4
59 11.1 9.0 13.4

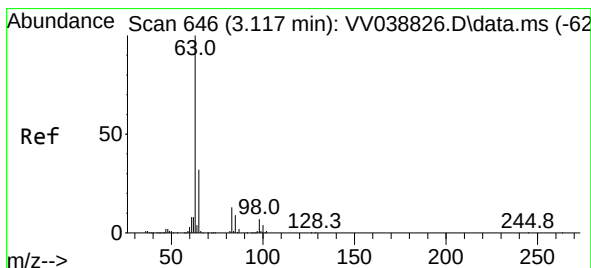
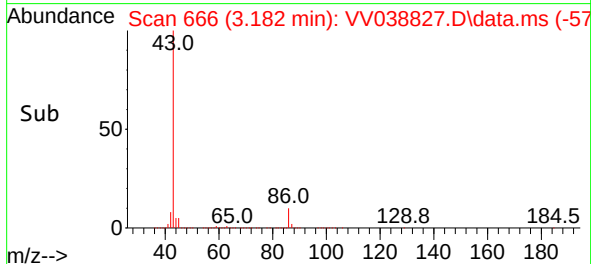
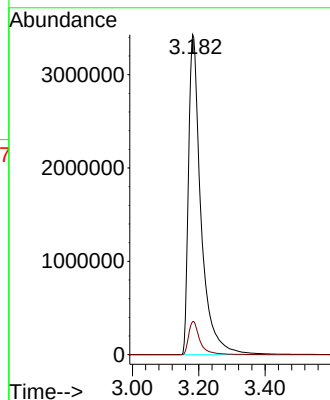
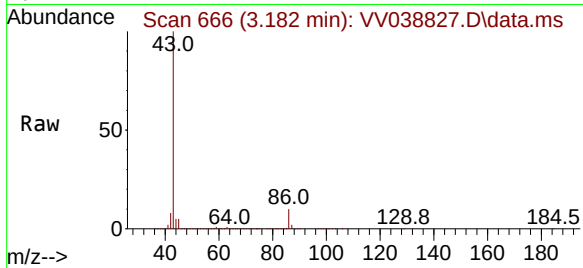




#23
 Vinyl Acetate
 Concen: 537.167 ug/l
 RT: 3.182 min Scan# 60
 Delta R.T. -0.003 min
 Lab File: VV038827.D
 Acq: 27 Jun 2025 10:26

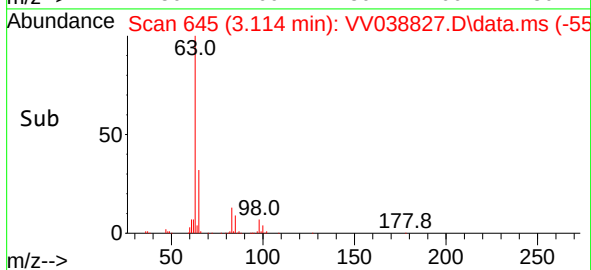
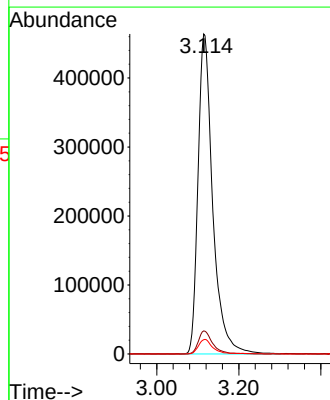
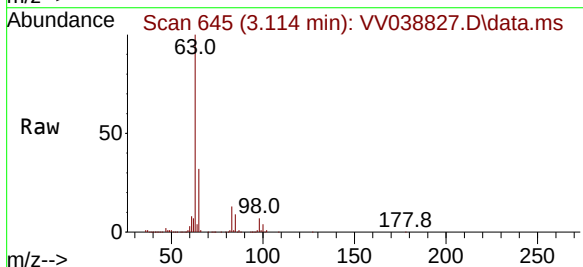
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

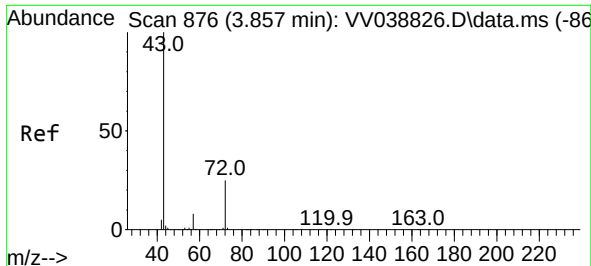
Tgt Ion: 43 Resp: 8946280
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 91.925 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV038827.D
 Acq: 27 Jun 2025 10:26

Tgt Ion: 63 Resp: 1155814
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.4 2.1 6.5

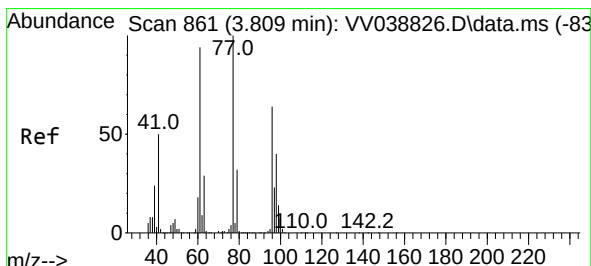
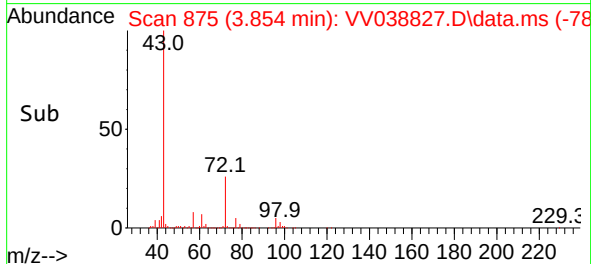
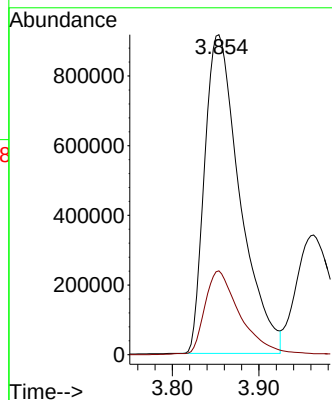
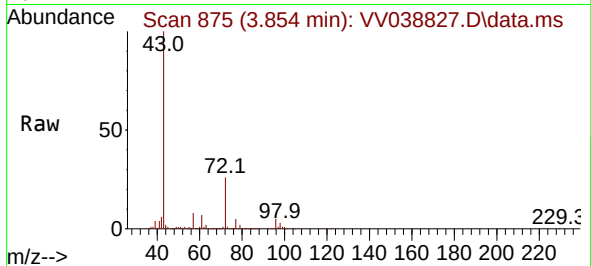




#25
2-Butanone
Concen: 551.420 ug/l
RT: 3.854 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

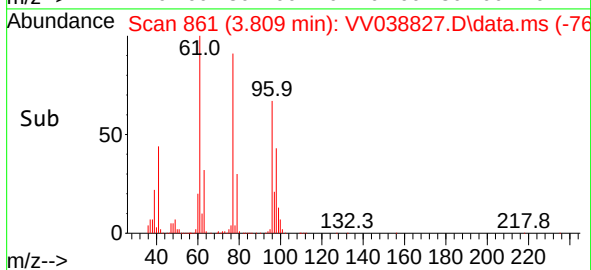
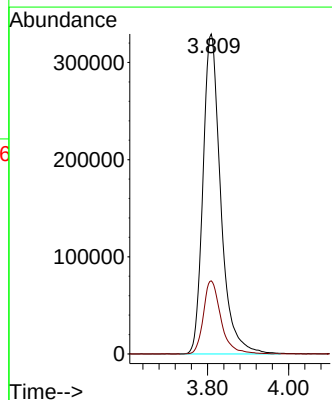
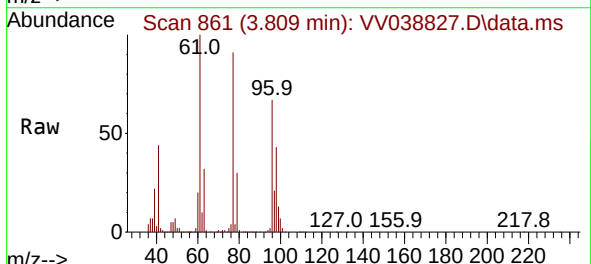
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

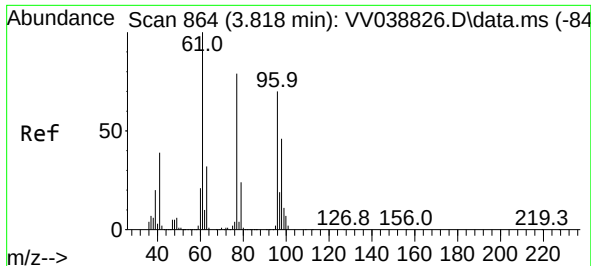
Tgt Ion: 43 Resp: 2593673
Ion Ratio Lower Upper
43 100
72 25.9 20.2 30.4



#26
2,2-Dichloropropane
Concen: 94.641 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 77 Resp: 1002255
Ion Ratio Lower Upper
77 100
97 22.6 11.1 33.1



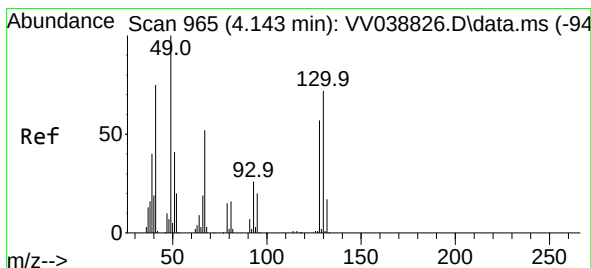
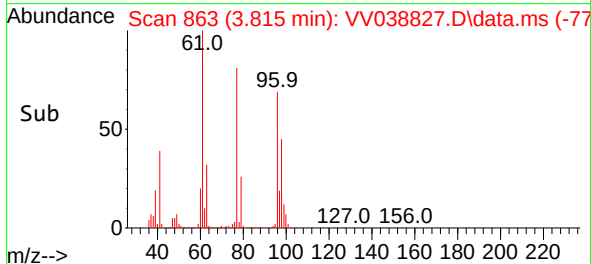
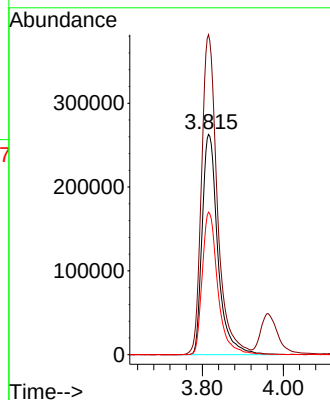
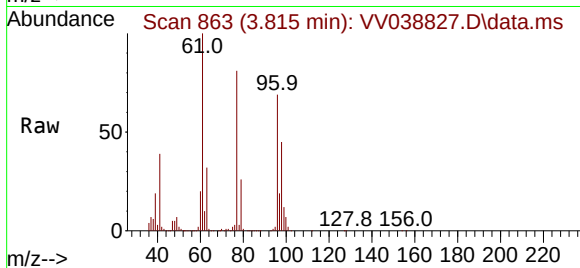


#27
 cis-1,2-Dichloroethene
 Concen: 95.661 ug/l
 RT: 3.815 min Scan# 863
 Delta R.T. -0.003 min
 Lab File: VV038827.D
 Acq: 27 Jun 2025 10:26

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 705981

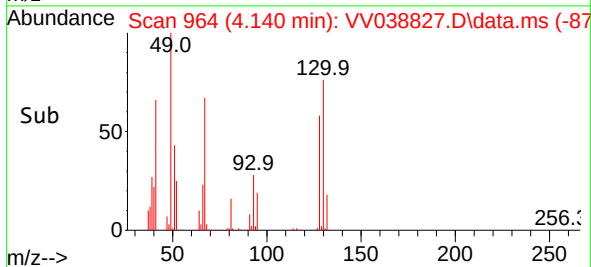
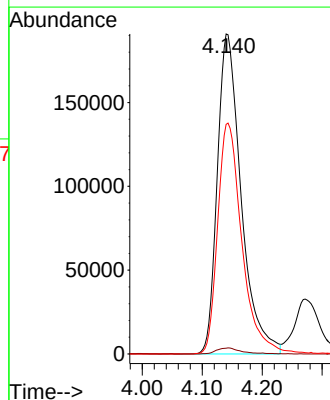
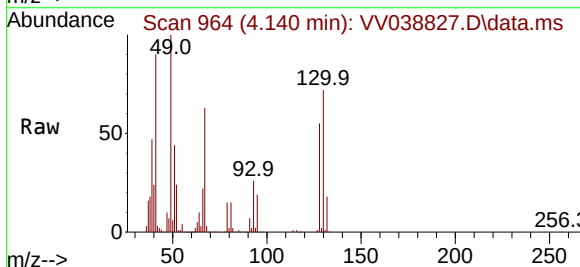
Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	292.4
98	64.1	0.0	128.6

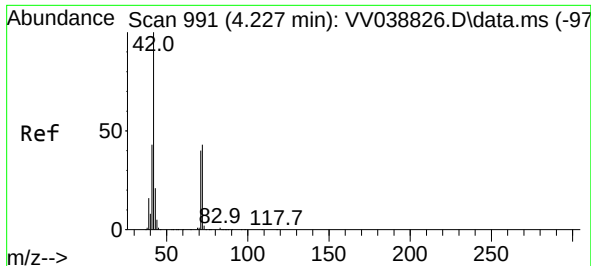


#28
 Bromochloromethane
 Concen: 89.683 ug/l
 RT: 4.140 min Scan# 964
 Delta R.T. -0.003 min
 Lab File: VV038827.D
 Acq: 27 Jun 2025 10:26

Tgt Ion: 49 Resp: 526268

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	73.4	58.8	88.2





#29

Tetrahydrofuran

Concen: 507.493 ug/l

RT: 4.223 min Scan# 991

Delta R.T. -0.003 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

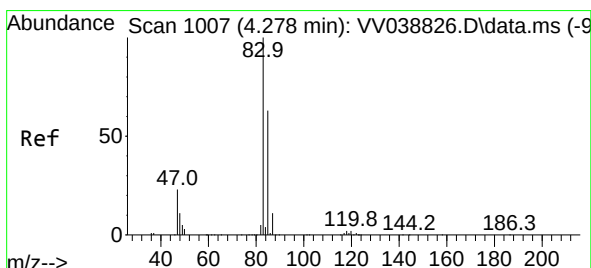
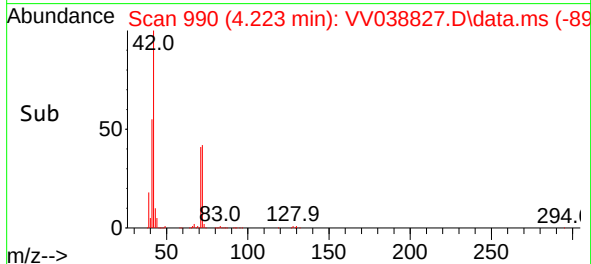
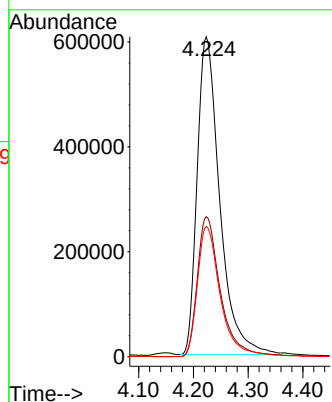
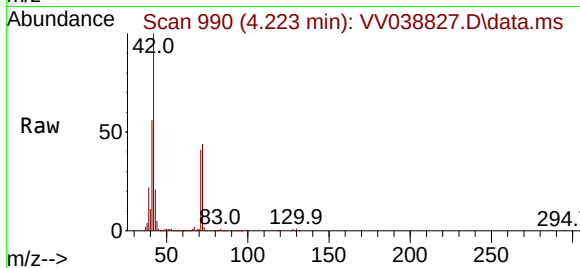
MSVOA_V

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 1737622

Ion	Ratio	Lower	Upper
42	100		
72	45.0	34.8	52.2
71	41.7	32.6	49.0



#30

Chloroform

Concen: 90.426 ug/l

RT: 4.275 min Scan# 1006

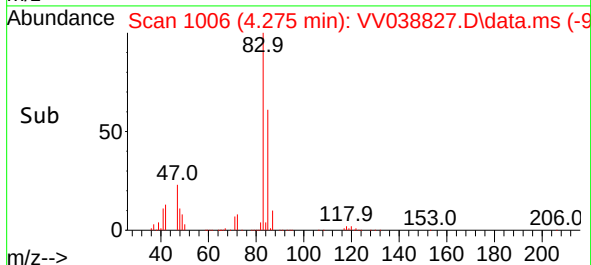
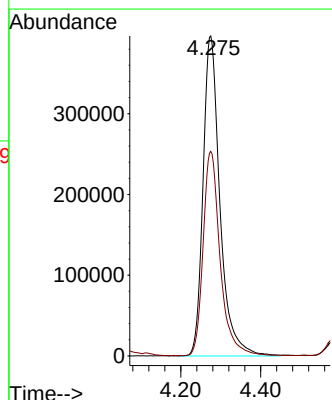
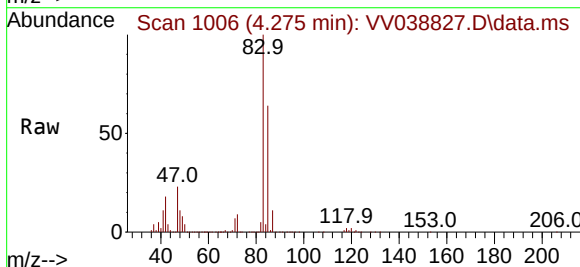
Delta R.T. -0.003 min

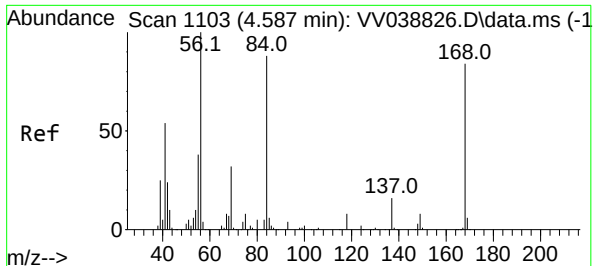
Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Tgt Ion: 83 Resp: 1168316

Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.6	76.0





#31

Cyclohexane

Concen: 96.182 ug/l

RT: 4.580 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

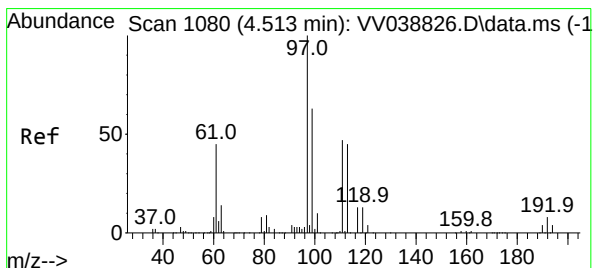
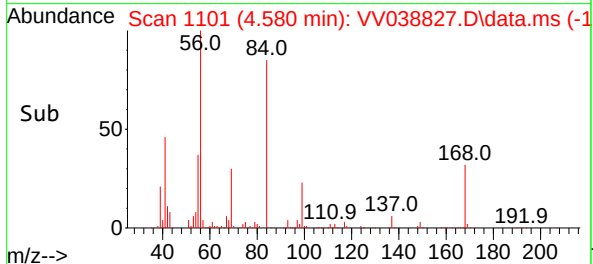
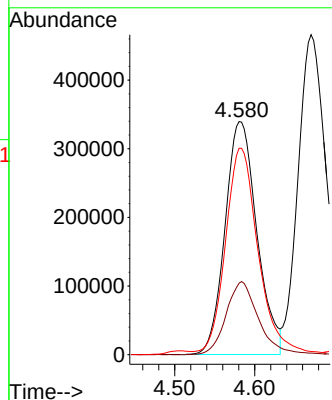
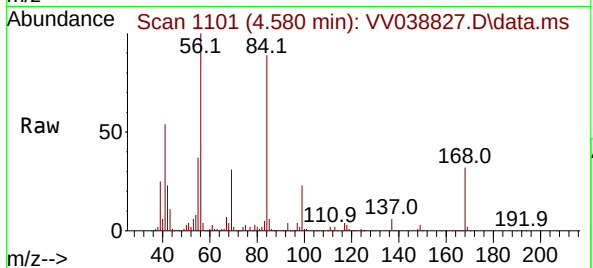
Tgt Ion: 56 Resp: 940263

Ion Ratio Lower Upper

56 100

69 30.7 25.4 38.0

84 86.9 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 90.853 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

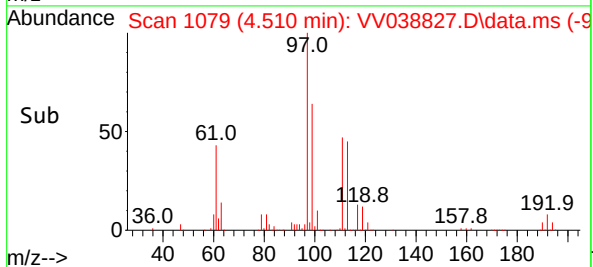
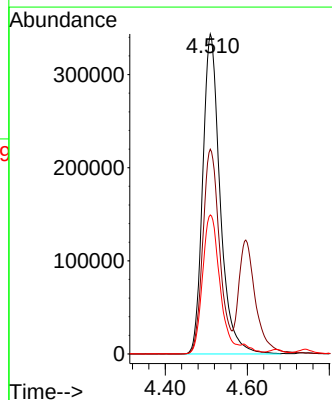
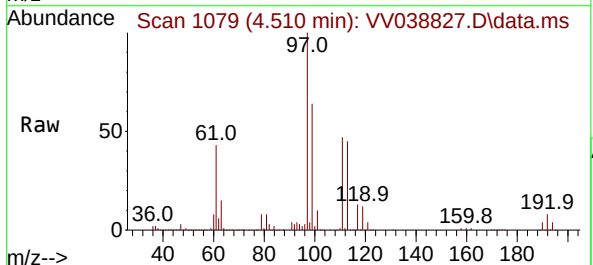
Tgt Ion: 97 Resp: 1009159

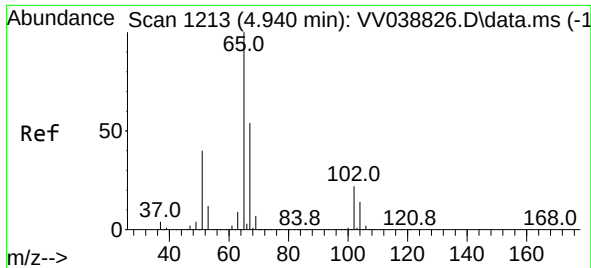
Ion Ratio Lower Upper

97 100

99 61.2 48.9 73.3

61 43.9 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 92.998 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

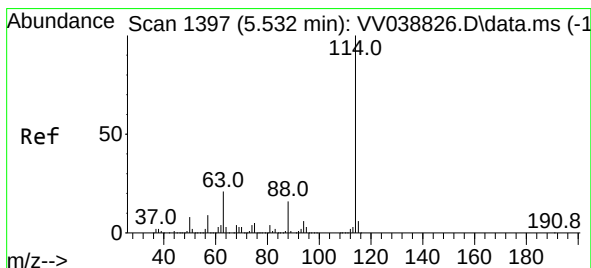
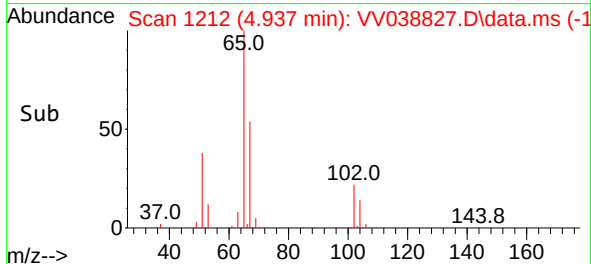
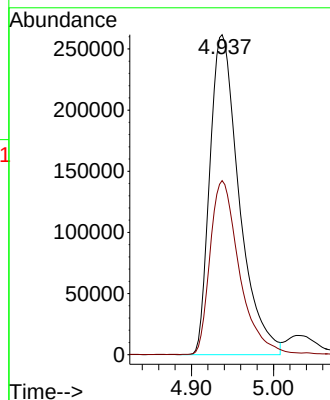
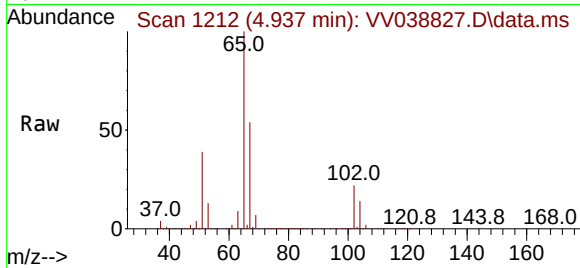
VSTDIC100

Tgt Ion: 65 Resp: 650313

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

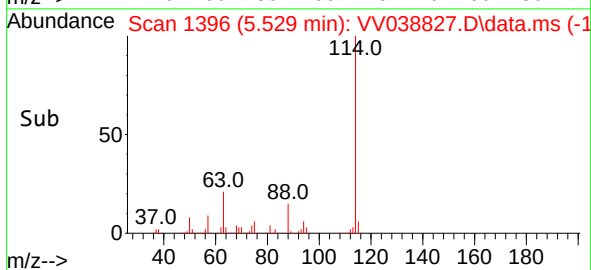
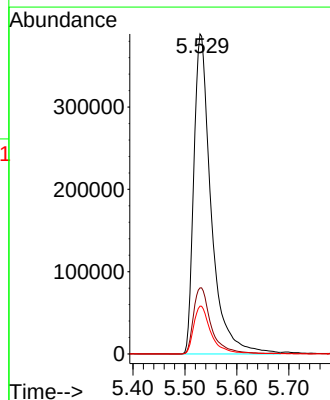
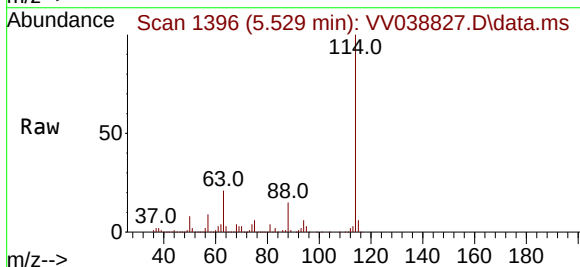
Tgt Ion: 114 Resp: 900578

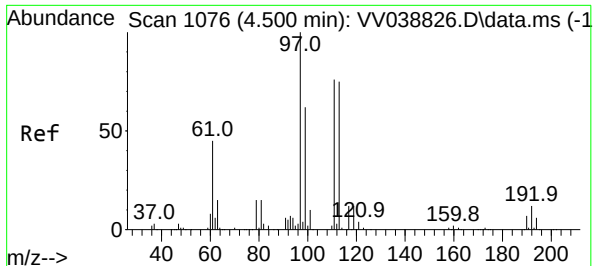
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 15.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 96.906 ug/l

RT: 4.497 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

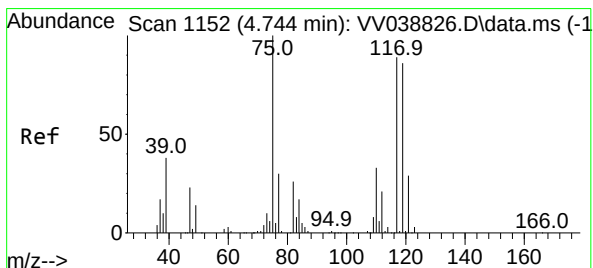
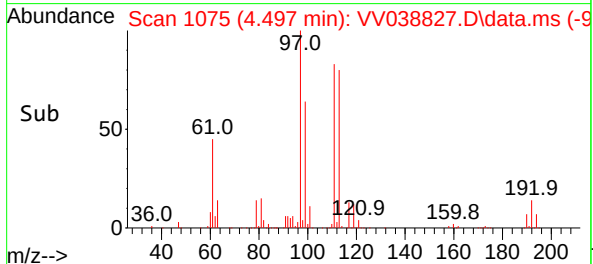
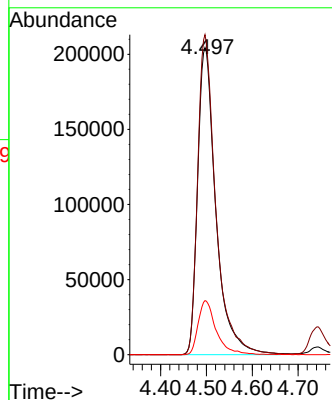
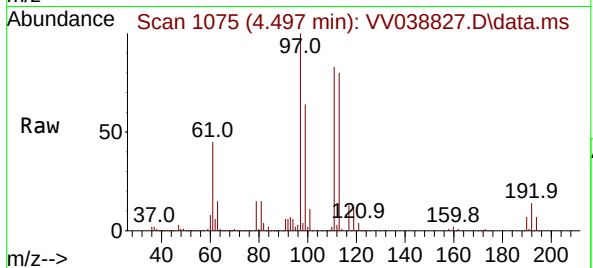
Tgt Ion:113 Resp: 566223

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

192 17.3 13.7 20.5



#36

1,1-Dichloropropene

Concen: 91.534 ug/l

RT: 4.741 min Scan# 1151

Delta R.T. -0.003 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

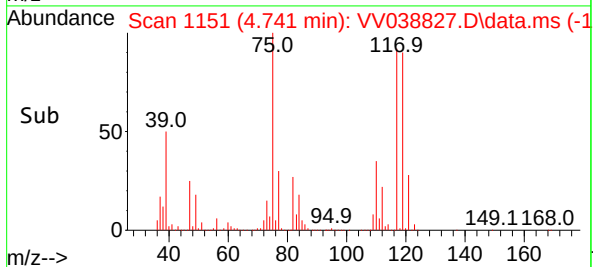
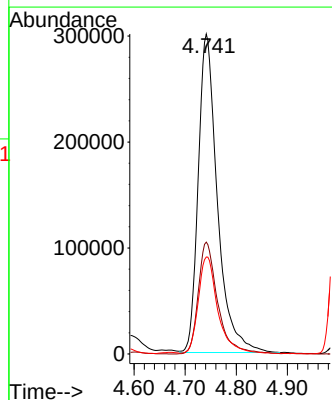
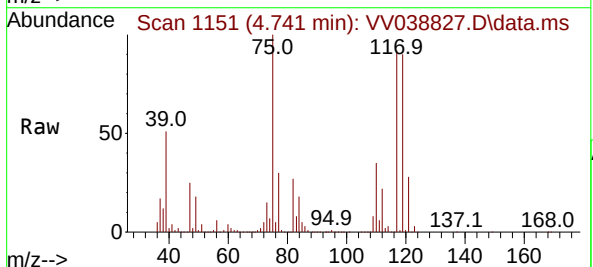
Tgt Ion: 75 Resp: 783585

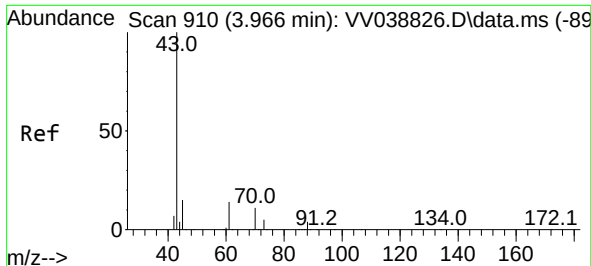
Ion Ratio Lower Upper

75 100

110 35.7 17.4 52.3

77 30.8 24.4 36.6

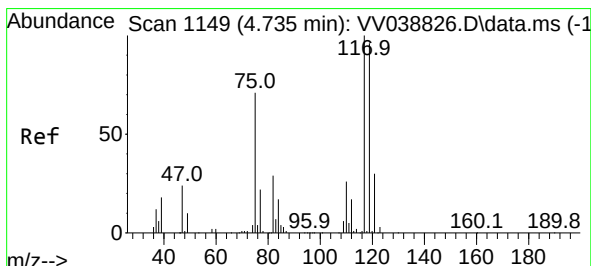
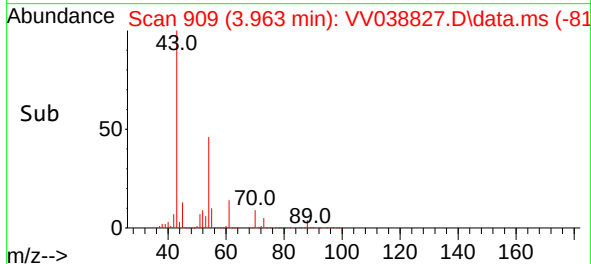
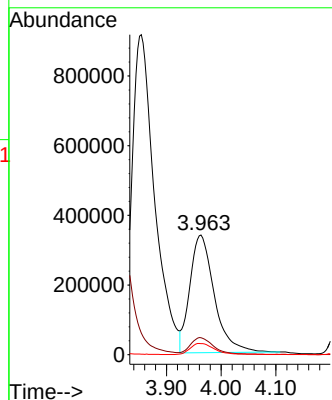
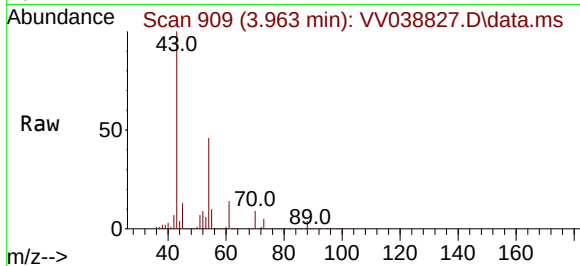




#37
Ethyl Acetate
Concen: 91.159 ug/l
RT: 3.963 min Scan# 909
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

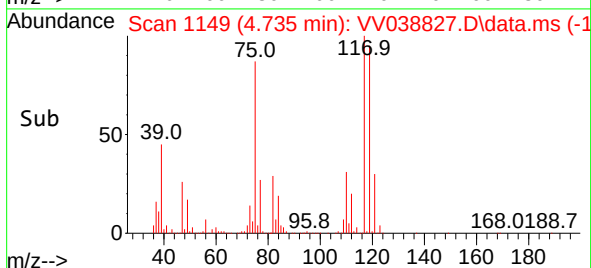
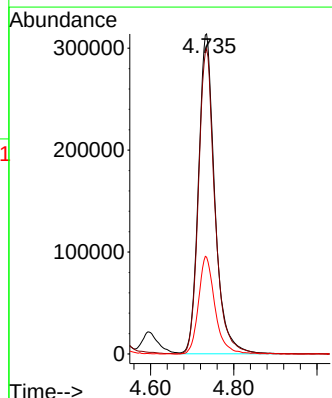
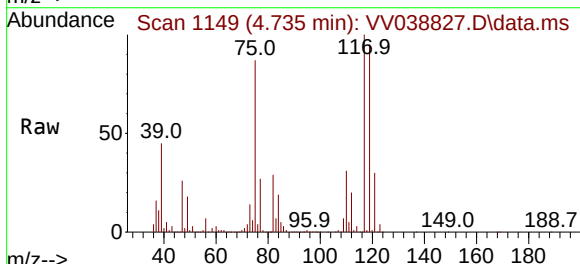
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

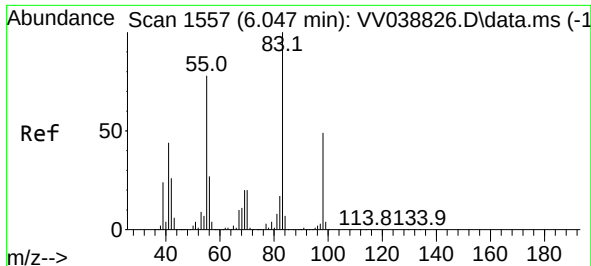
Tgt Ion: 43 Resp: 1047480
Ion Ratio Lower Upper
43 100
61 13.7 9.9 14.9
70 9.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 94.041 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 117 Resp: 856834
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6
121 30.3 24.0 36.0





#39

Methylcyclohexane

Concen: 105.787 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

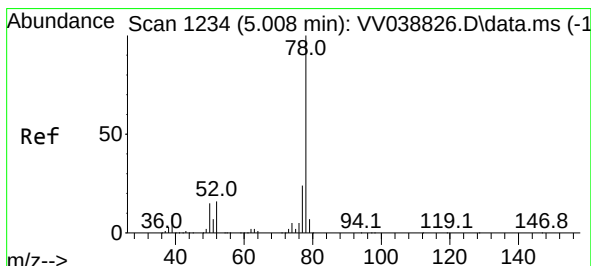
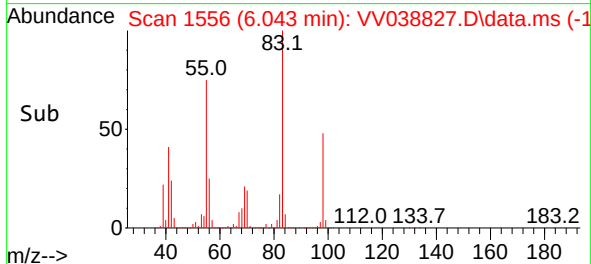
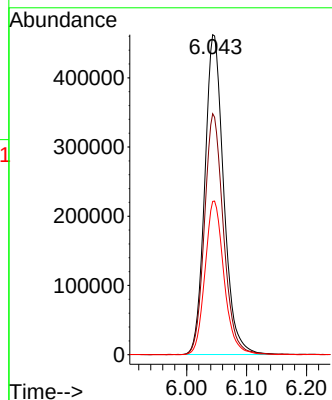
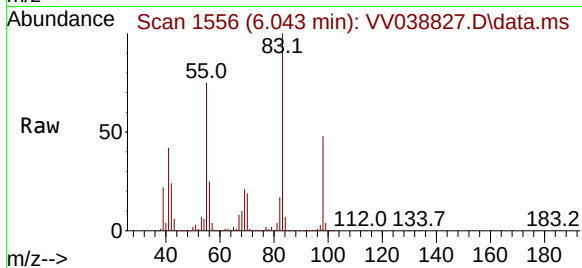
Tgt Ion: 83 Resp: 1016133

Ion Ratio Lower Upper

83 100

55 75.3 62.4 93.6

98 47.9 39.1 58.7



#40

Benzene

Concen: 97.586 ug/l

RT: 5.005 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VV038827.D

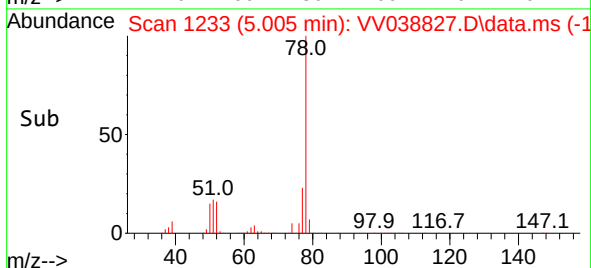
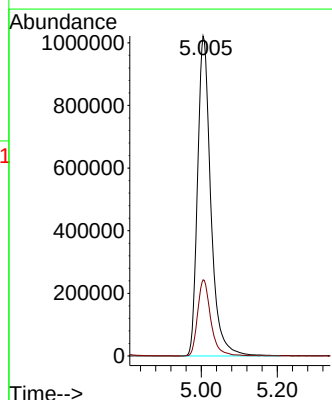
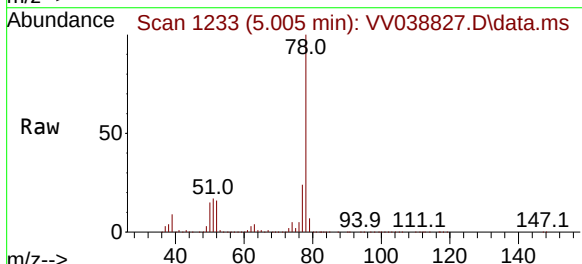
Acq: 27 Jun 2025 10:26

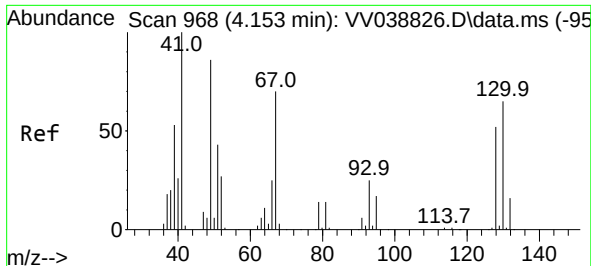
Tgt Ion: 78 Resp: 2471560

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9



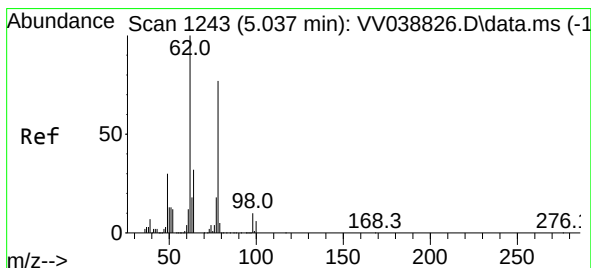
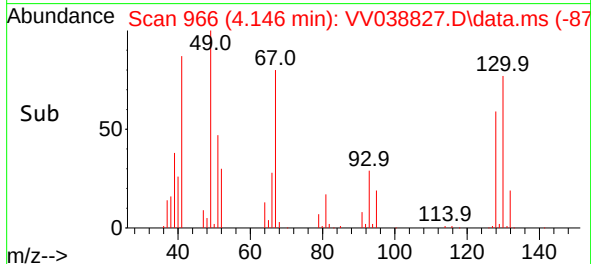
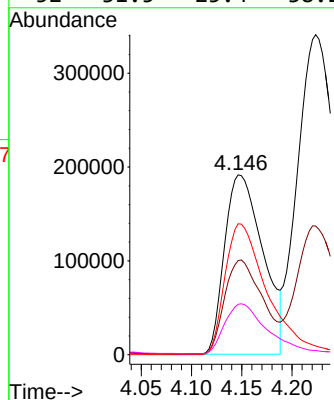
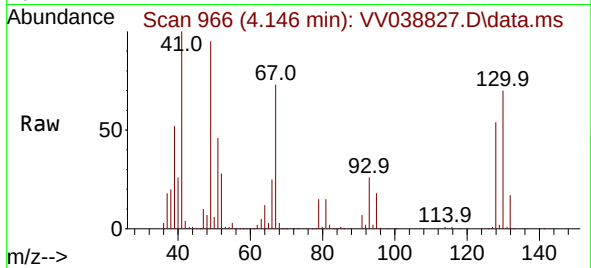


#41
Methacrylonitrile
Concen: 101.456 ug/l
RT: 4.146 min Scan# 966
Delta R.T. -0.007 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 507678

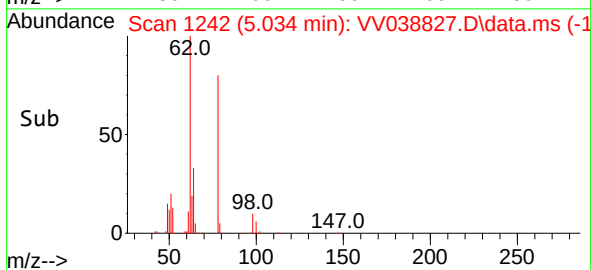
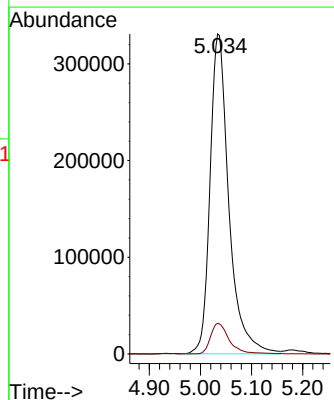
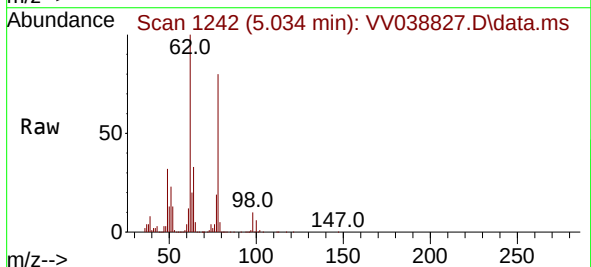
Ion	Ratio	Lower	Upper
41	100		
39	52.2	42.2	63.2
67	82.1	68.2	102.4
52	31.5	25.4	38.2

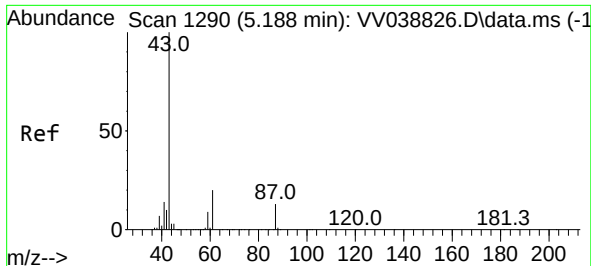


#42
1,2-Dichloroethane
Concen: 92.614 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 62 Resp: 846052

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.8

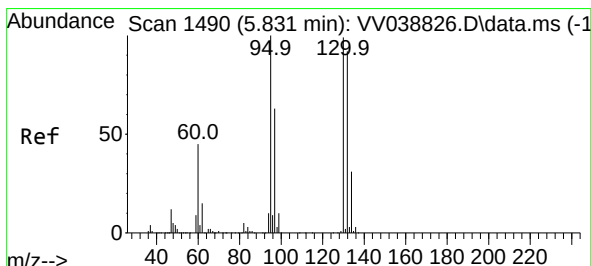
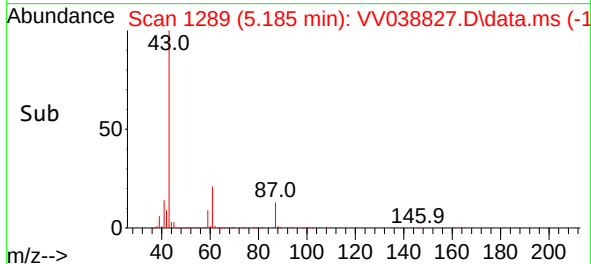
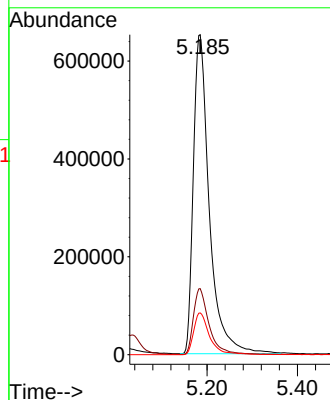
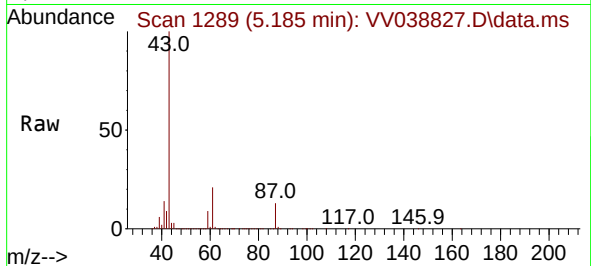




#43
Isopropyl Acetate
Concen: 114.444 ug/l
RT: 5.185 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

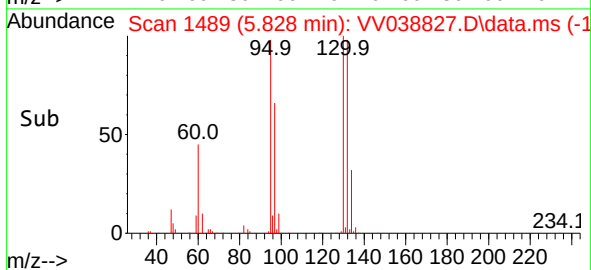
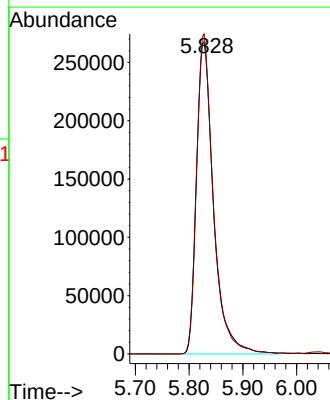
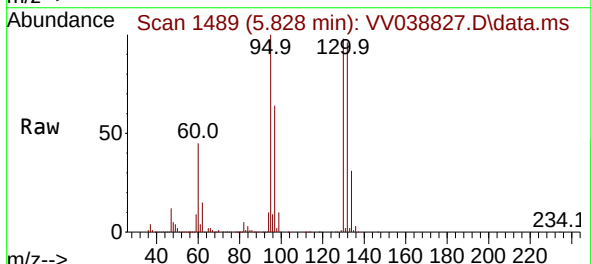
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

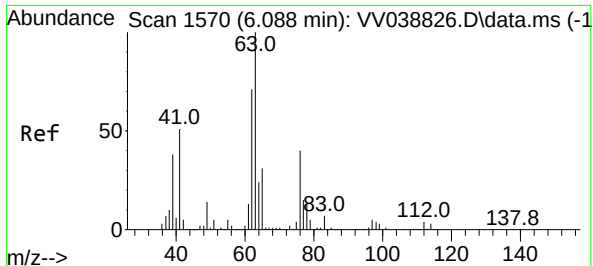
Tgt Ion: 43 Resp: 1598546
Ion Ratio Lower Upper
43 100
61 20.1 15.4 23.2
87 12.9 10.1 15.1



#44
Trichloroethene
Concen: 97.603 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion:130 Resp: 593267
Ion Ratio Lower Upper
130 100
95 102.5 0.0 201.6





#45

1,2-Dichloropropane

Concen: 98.705 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

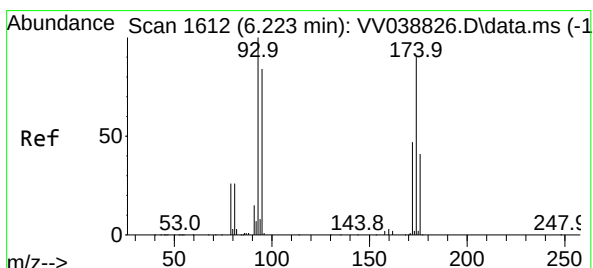
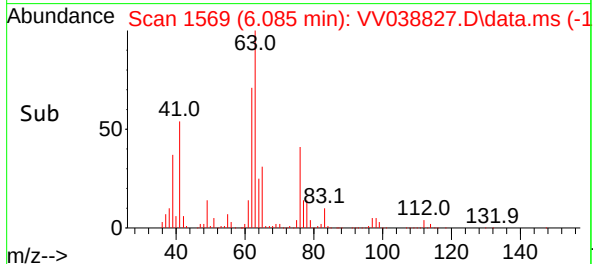
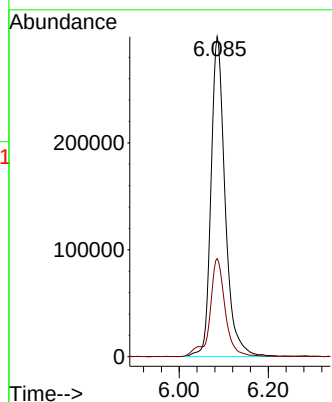
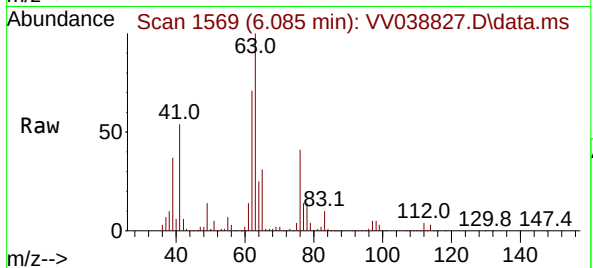
VSTDICC100

Tgt Ion: 63 Resp: 657230

Ion Ratio Lower Upper

63 100

65 30.6 24.3 36.5



#46

Dibromomethane

Concen: 94.324 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.003 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

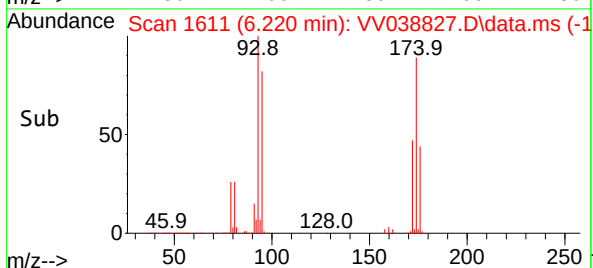
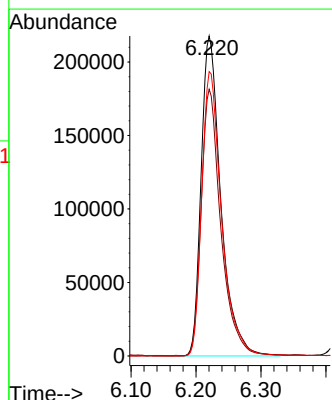
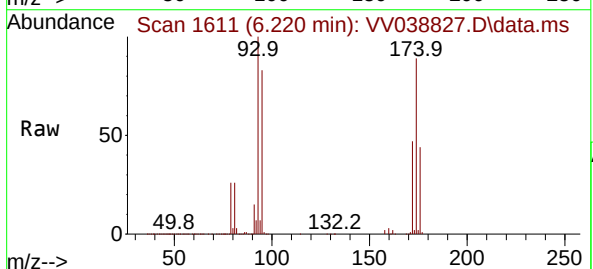
Tgt Ion: 93 Resp: 460720

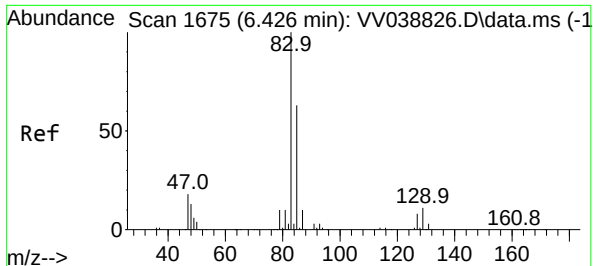
Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

174 89.3 71.4 107.0

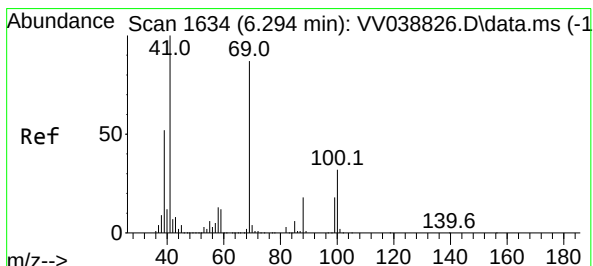
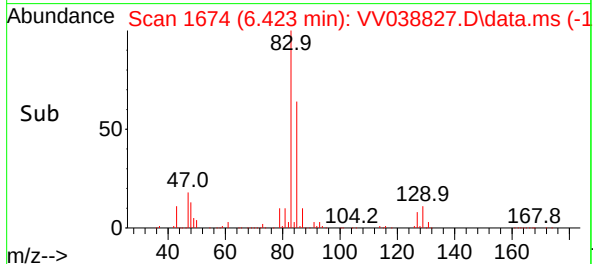
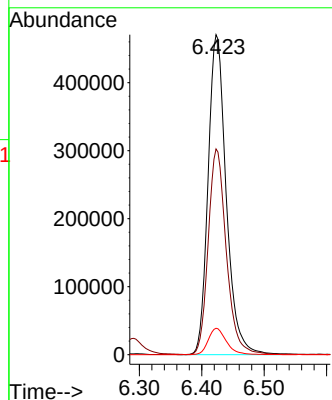
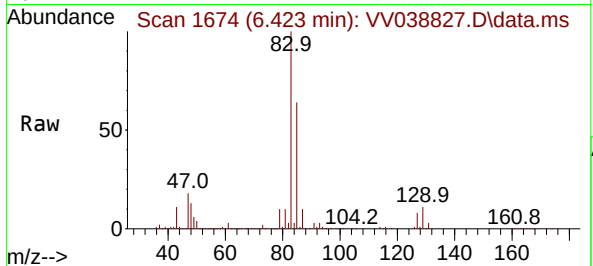




#47
Bromodichloromethane
Concen: 96.573 ug/l
RT: 6.423 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

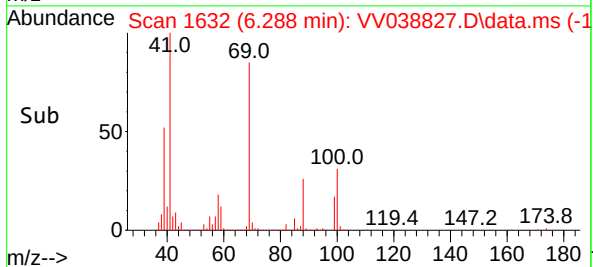
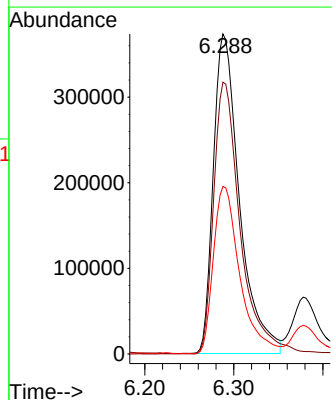
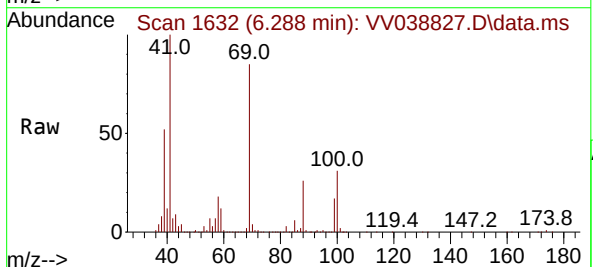
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

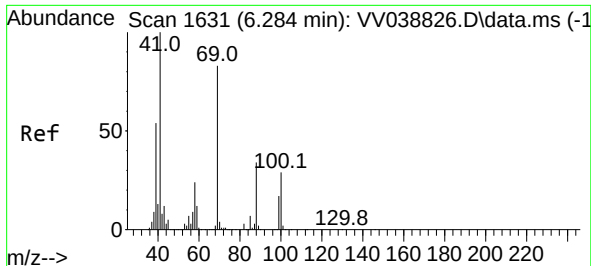
Tgt Ion: 83 Resp: 952620
Ion Ratio Lower Upper
83 100
85 64.2 50.7 76.1
127 8.2 6.2 9.2



#48
Methyl methacrylate
Concen: 115.141 ug/l
RT: 6.288 min Scan# 1632
Delta R.T. -0.006 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 41 Resp: 762238
Ion Ratio Lower Upper
41 100
69 86.8 70.4 105.6
39 52.8 42.3 63.5





#49

1,4-Dioxane

Concen: 2007.840 ug/l

RT: 6.281 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

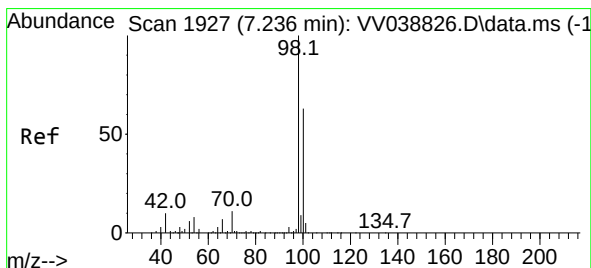
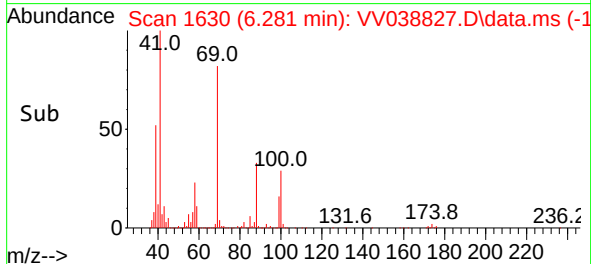
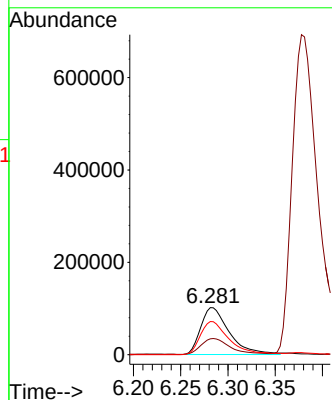
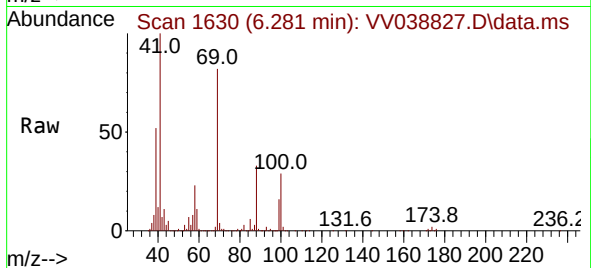
Tgt Ion: 88 Resp: 213965

Ion Ratio Lower Upper

88 100

43 33.8 30.4 45.6

58 71.0 59.6 89.4



#50

Toluene-d8

Concen: 96.657 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038827.D

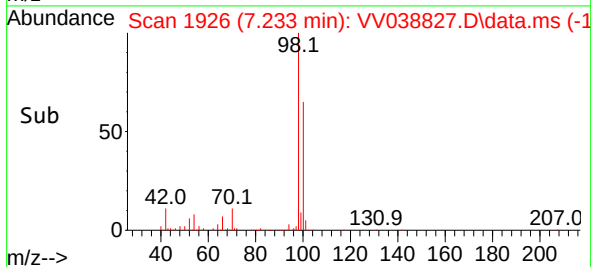
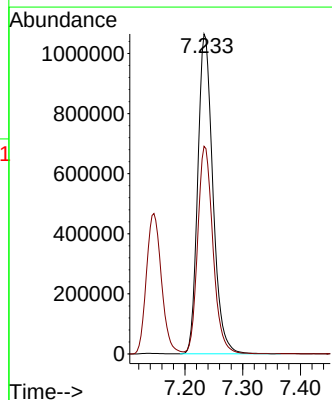
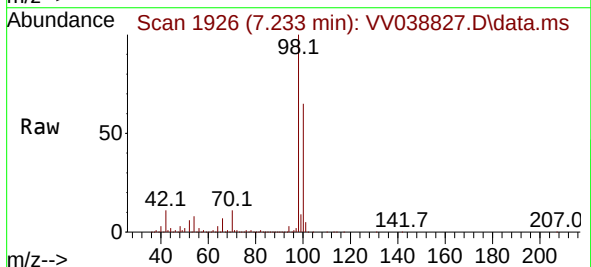
Acq: 27 Jun 2025 10:26

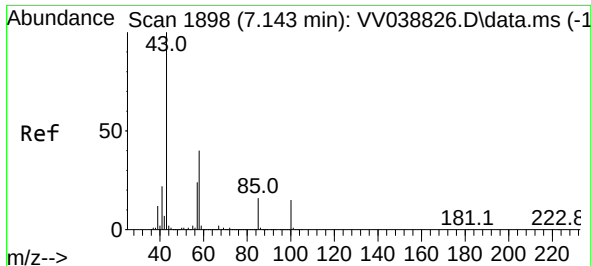
Tgt Ion: 98 Resp: 1929675

Ion Ratio Lower Upper

98 100

100 65.6 51.7 77.5

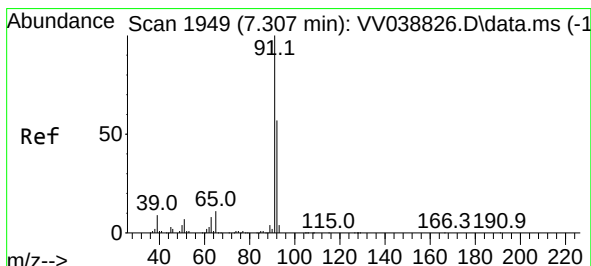
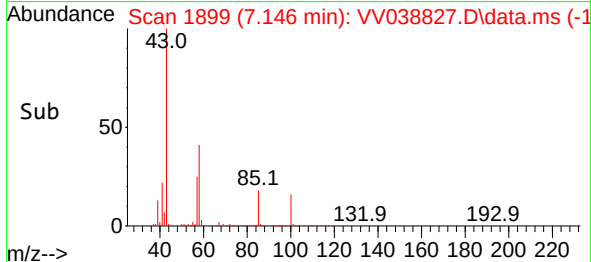
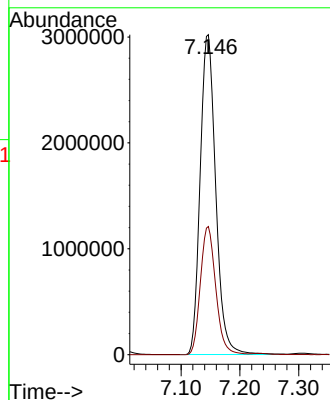
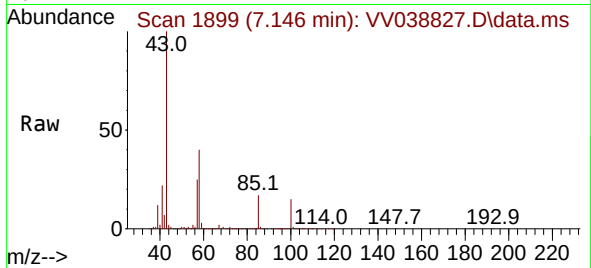




#51
4-Methyl-2-Pentanone
Concen: 539.308 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

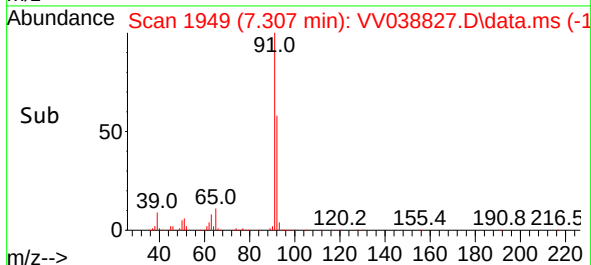
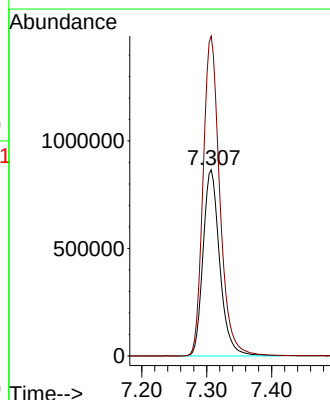
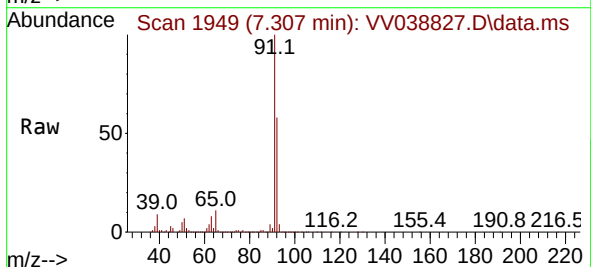
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

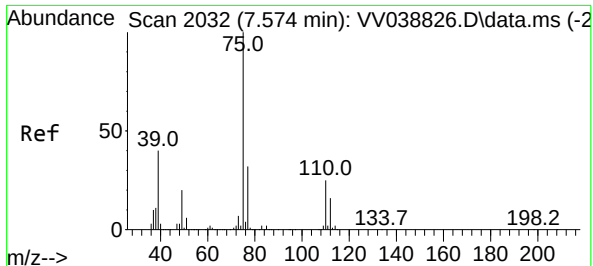
Tgt Ion: 43 Resp: 5546094
Ion Ratio Lower Upper
43 100
58 39.6 31.4 47.2



#52
Toluene
Concen: 100.389 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 92 Resp: 1549957
Ion Ratio Lower Upper
92 100
91 172.7 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 106.834 ug/l

RT: 7.571 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

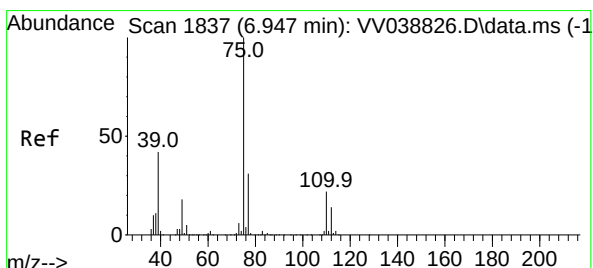
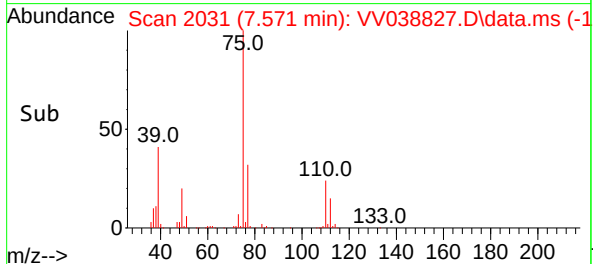
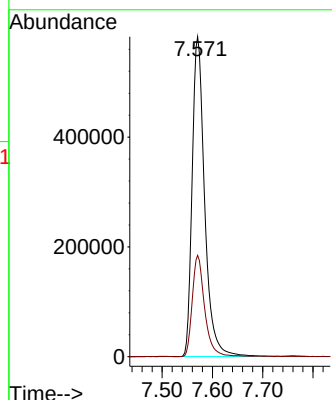
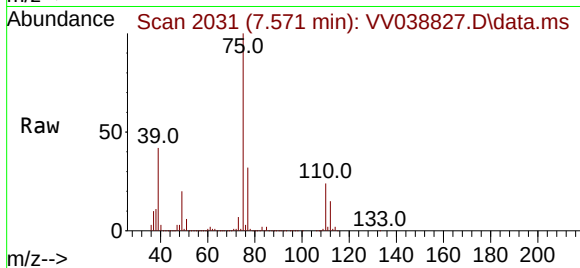
VSTDIC100

Tgt Ion: 75 Resp: 1004670

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 103.163 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

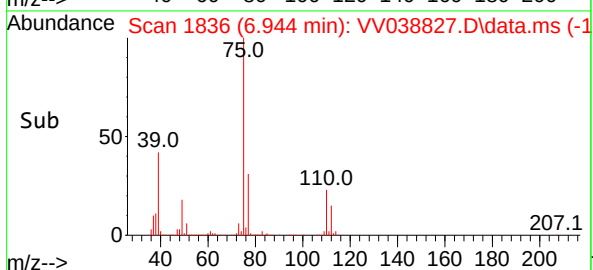
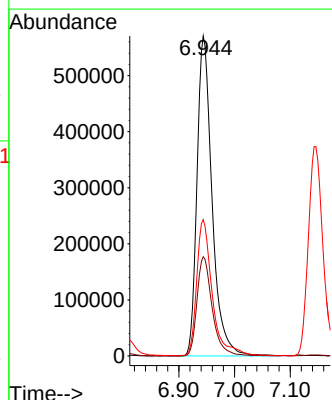
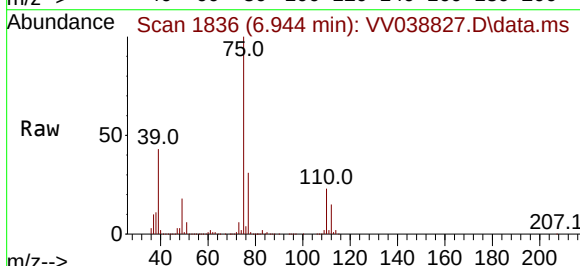
Tgt Ion: 75 Resp: 1073084

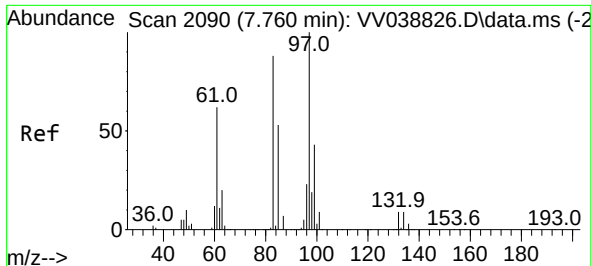
Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

39 42.5 33.8 50.6



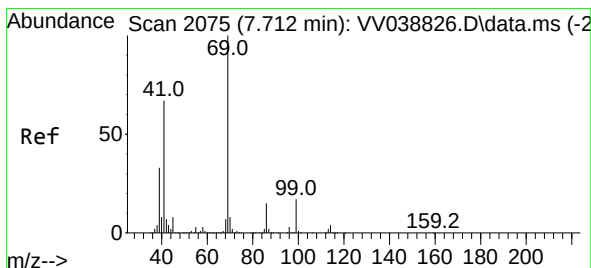
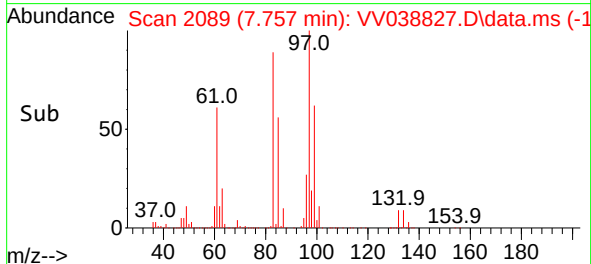
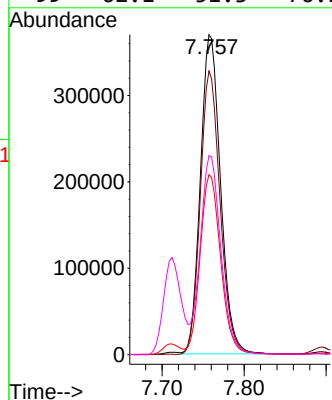
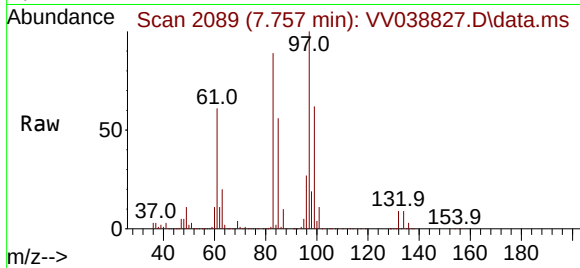


#55
 1,1,2-Trichloroethane
 Concen: 94.406 ug/l
 RT: 7.757 min Scan# 2090
 Delta R.T. -0.003 min
 Lab File: VV038827.D
 Acq: 27 Jun 2025 10:26

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion: 97 Resp: 628929

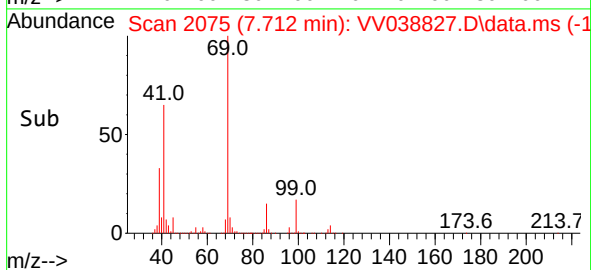
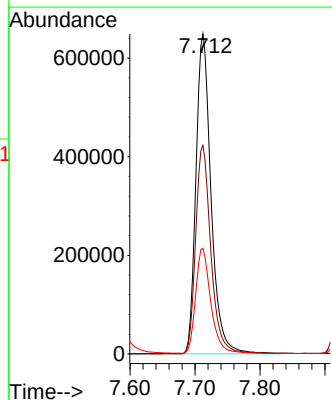
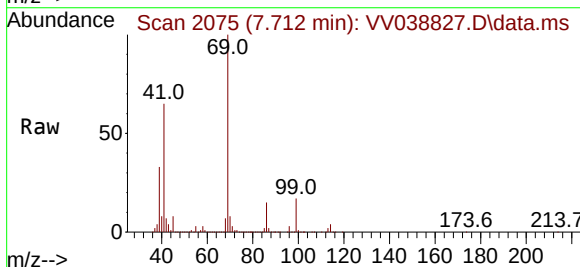
Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.9	104.9
85	56.2	44.2	66.4
99	62.1	51.3	76.9

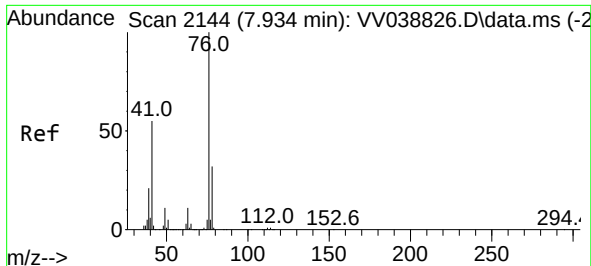


#56
 Ethyl methacrylate
 Concen: 115.996 ug/l
 RT: 7.712 min Scan# 2075
 Delta R.T. 0.000 min
 Lab File: VV038827.D
 Acq: 27 Jun 2025 10:26

Tgt Ion: 69 Resp: 1052769

Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.2	78.4
39	33.1	26.1	39.1

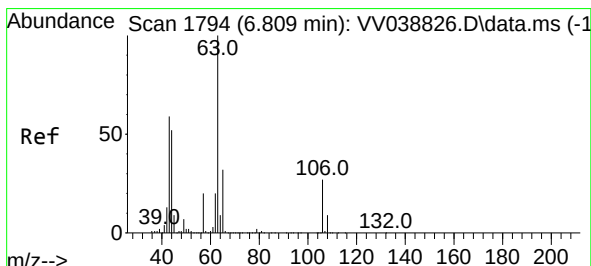
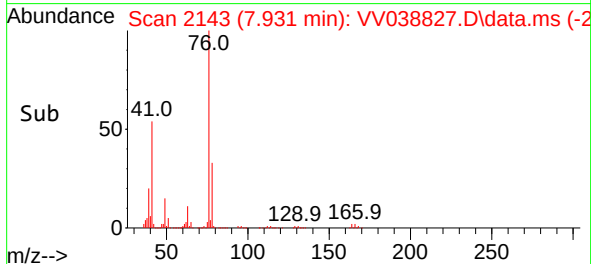
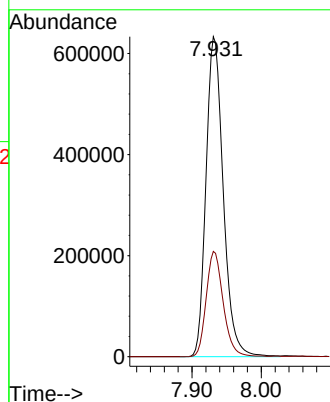
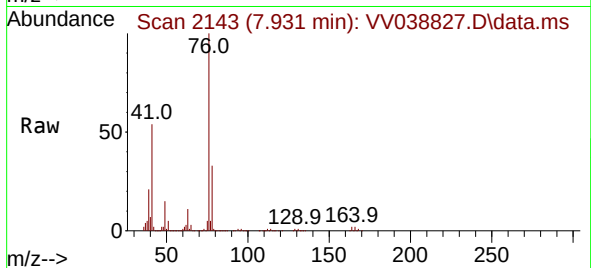




#57
1,3-Dichloropropane
Concen: 99.719 ug/l
RT: 7.931 min Scan# 2143
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

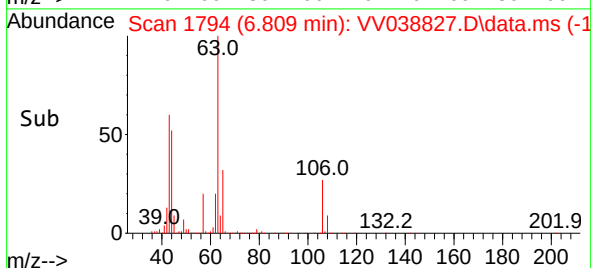
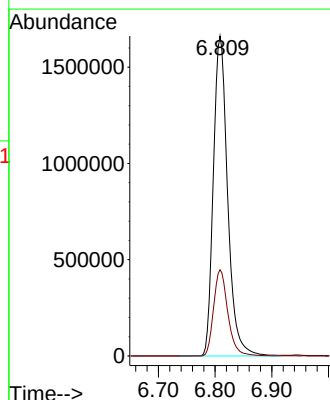
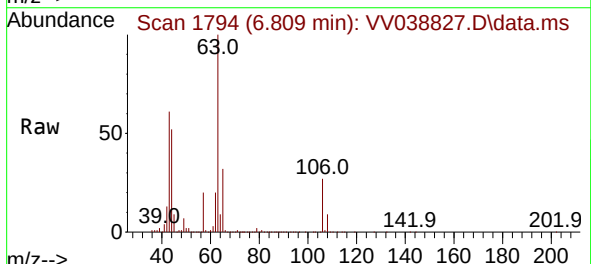
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

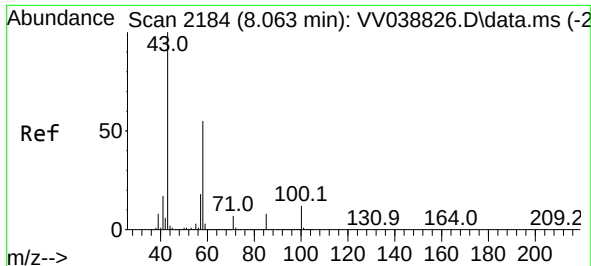
Tgt Ion: 76 Resp: 1093199
Ion Ratio Lower Upper
76 100
78 32.5 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 516.536 ug/l
RT: 6.809 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 63 Resp: 2911141
Ion Ratio Lower Upper
63 100
106 26.8 21.1 31.7





#59

2-Hexanone

Concen: 569.231 ug/l

RT: 8.059 min Scan# 2183

Delta R.T. -0.003 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

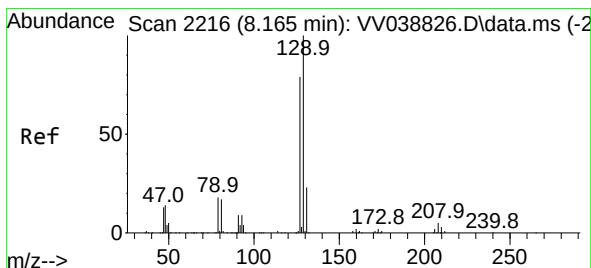
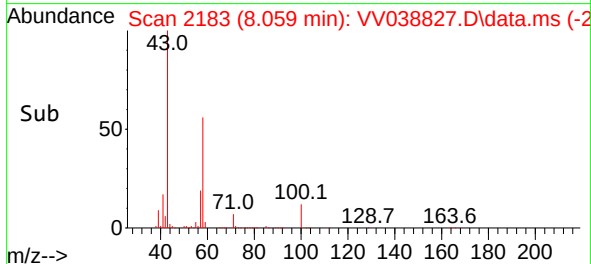
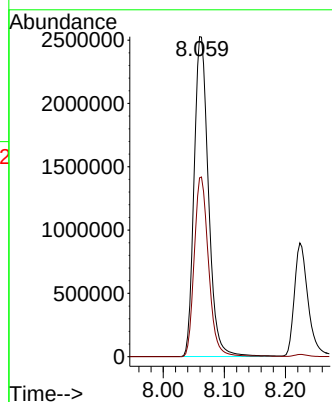
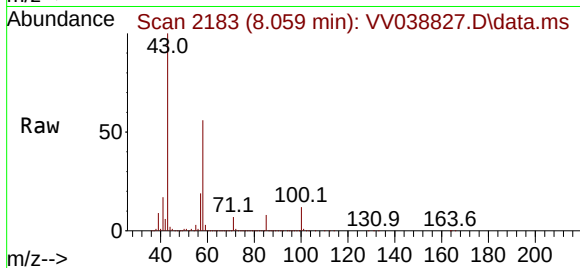
VSTDIC100

Tgt Ion: 43 Resp: 4123427

Ion Ratio Lower Upper

43 100

58 56.0 27.5 82.4



#60

Dibromochloromethane

Concen: 97.750 ug/l

RT: 8.165 min Scan# 2216

Delta R.T. 0.000 min

Lab File: VV038827.D

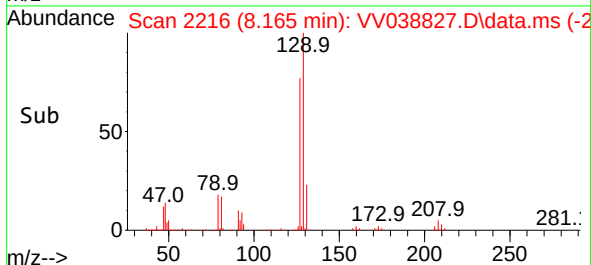
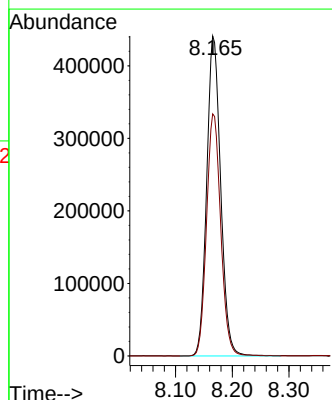
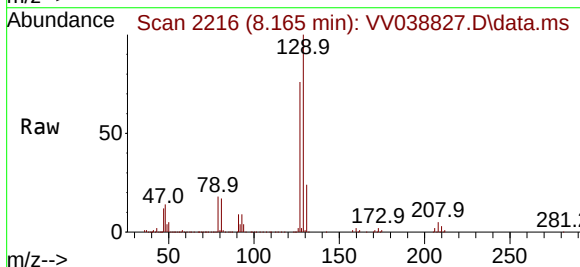
Acq: 27 Jun 2025 10:26

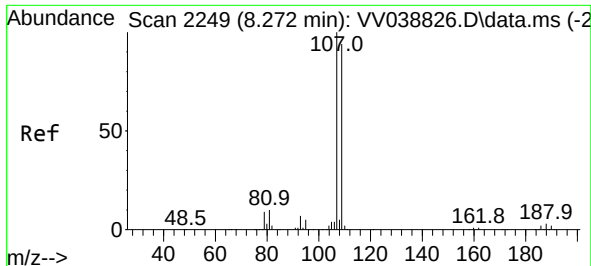
Tgt Ion: 129 Resp: 755019

Ion Ratio Lower Upper

129 100

127 76.8 39.4 118.1





#61

1,2-Dibromoethane

Concen: 97.997 ug/l

RT: 8.272 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

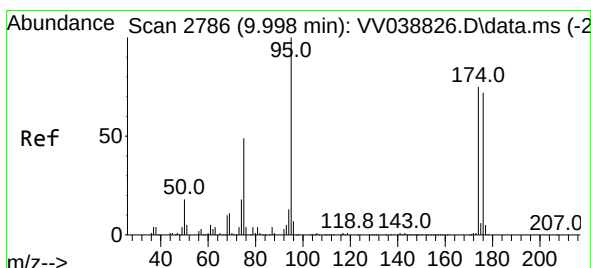
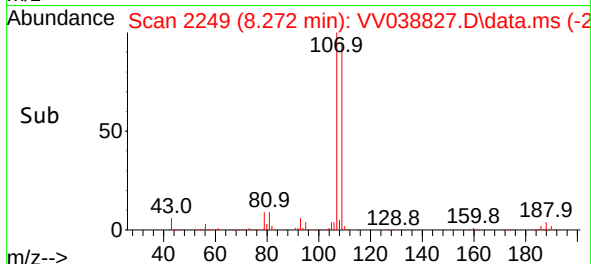
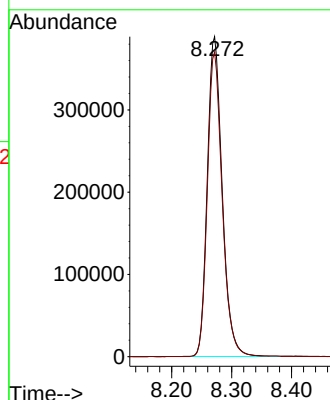
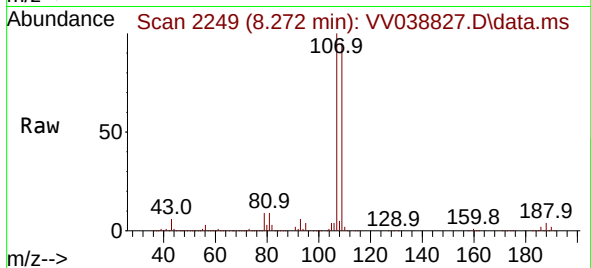
VSTDIC100

Tgt Ion:107 Resp: 673856

Ion Ratio Lower Upper

107 100

109 94.7 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 103.906 ug/l

RT: 9.998 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

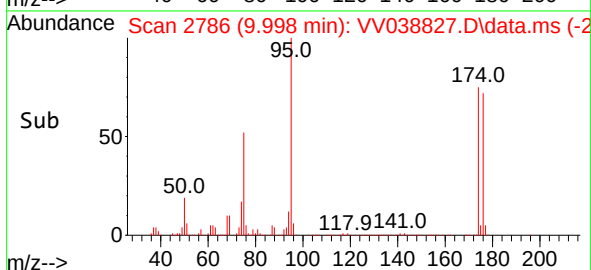
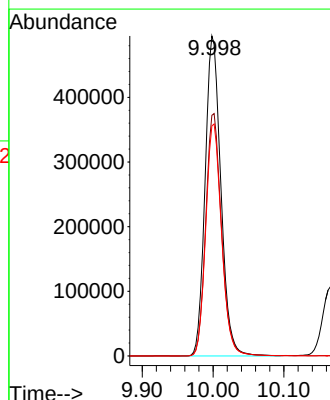
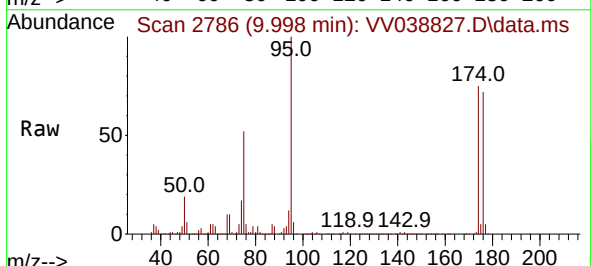
Tgt Ion: 95 Resp: 763635

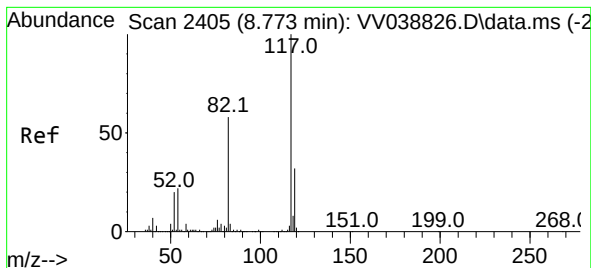
Ion Ratio Lower Upper

95 100

174 76.1 0.0 151.0

176 73.1 0.0 145.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

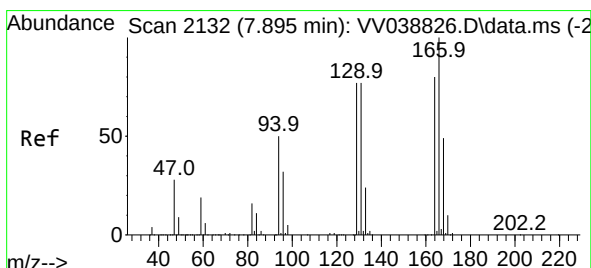
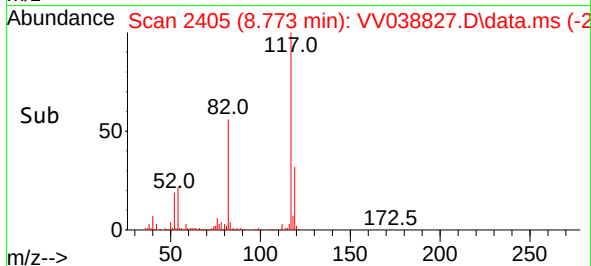
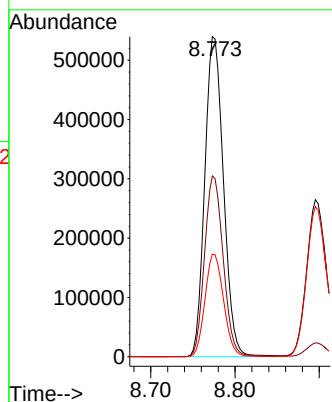
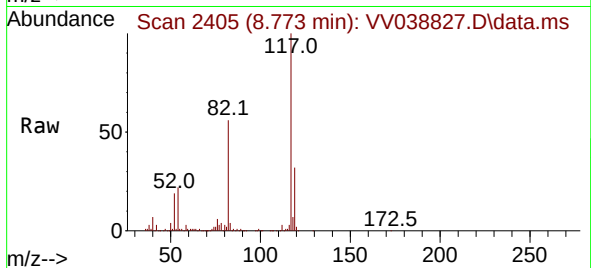
Tgt Ion:117 Resp: 834884

Ion Ratio Lower Upper

117 100

82 56.4 46.2 69.2

119 32.1 25.8 38.8



#64

Tetrachloroethene

Concen: 91.520 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Tgt Ion:164 Resp: 533266

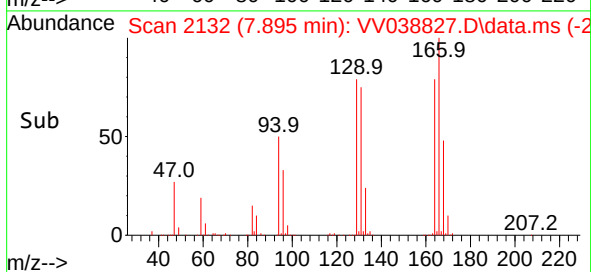
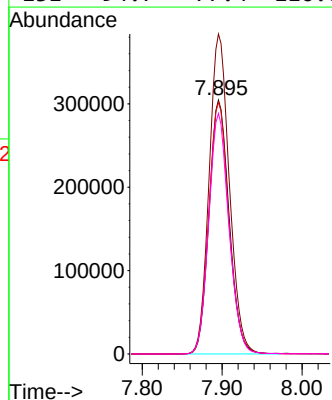
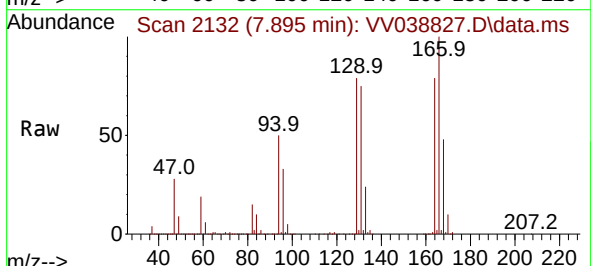
Ion Ratio Lower Upper

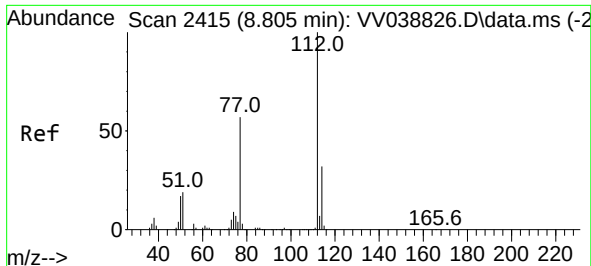
164 100

166 126.0 100.3 150.5

129 99.1 77.5 116.3

131 94.7 77.4 116.0

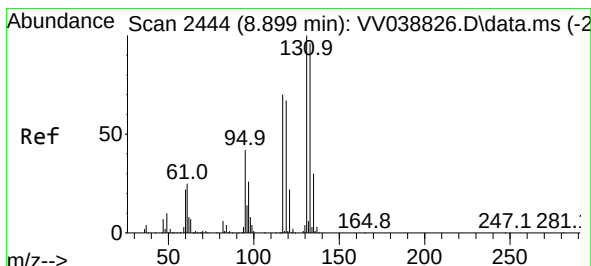
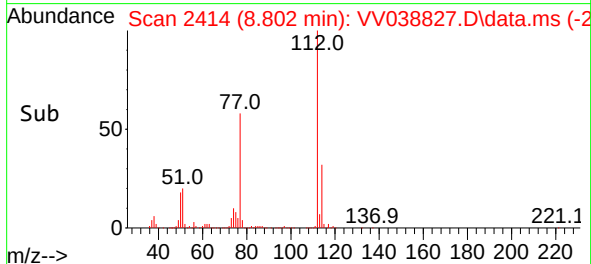
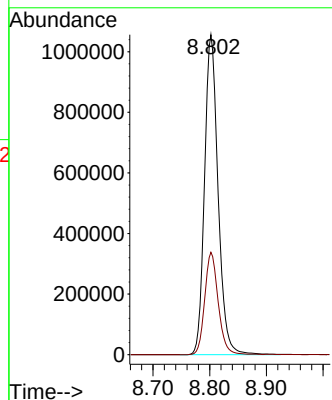
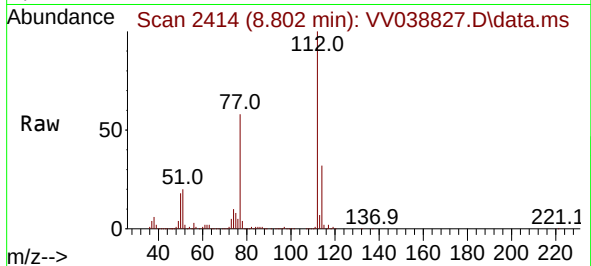




#65
Chlorobenzene
Concen: 96.040 ug/l
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

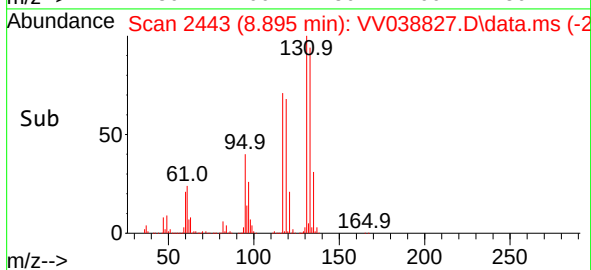
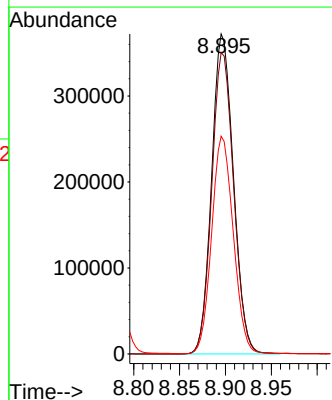
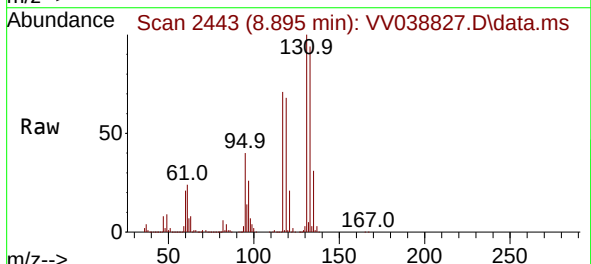
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

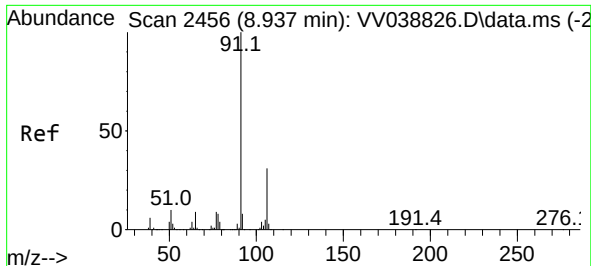
Tgt Ion:112 Resp: 1753395
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 95.320 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion:131 Resp: 615371
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.4
119 67.5 34.2 102.5





#67

Ethyl Benzene

Concen: 105.771 ug/l

RT: 8.934 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

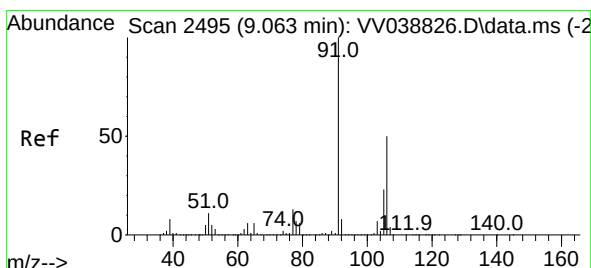
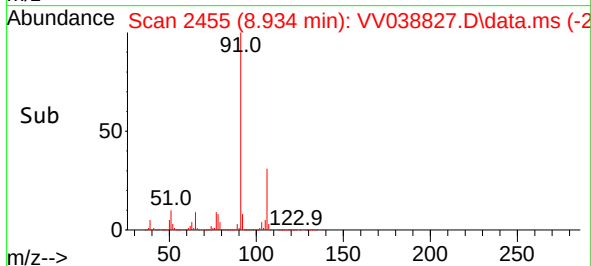
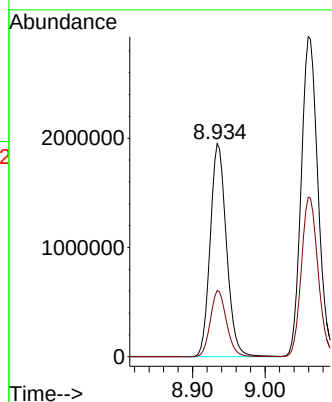
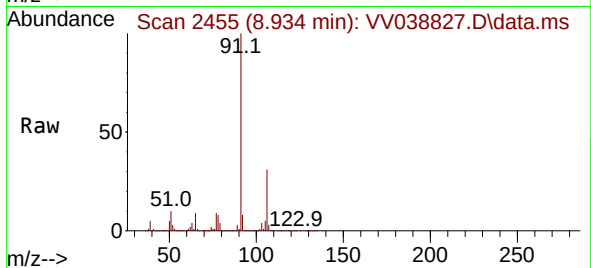
VSTDIC100

Tgt Ion: 91 Resp: 3039178

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.6



#68

m/p-Xylenes

Concen: 216.793 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. -0.003 min

Lab File: VV038827.D

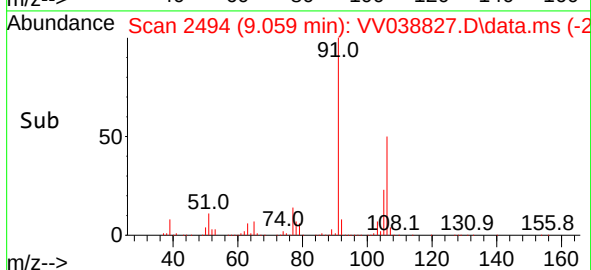
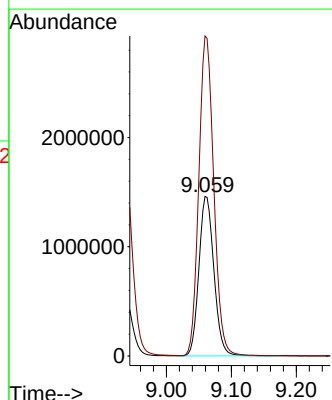
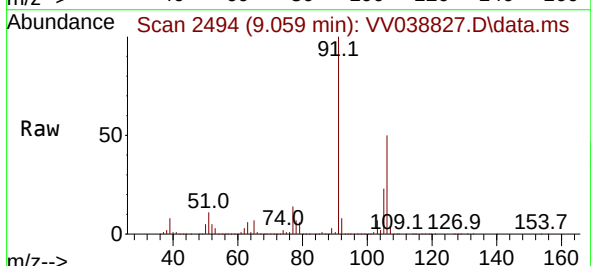
Acq: 27 Jun 2025 10:26

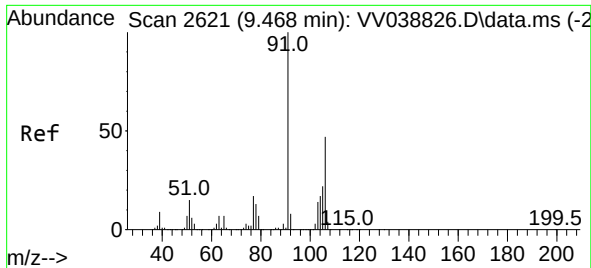
Tgt Ion:106 Resp: 2346115

Ion Ratio Lower Upper

106 100

91 200.8 161.8 242.8

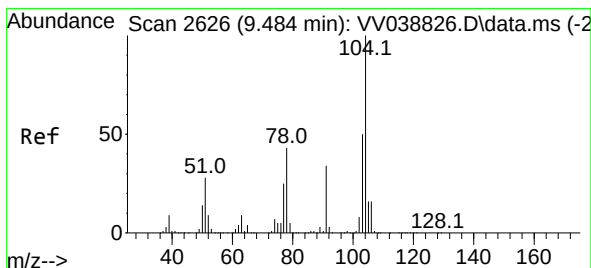
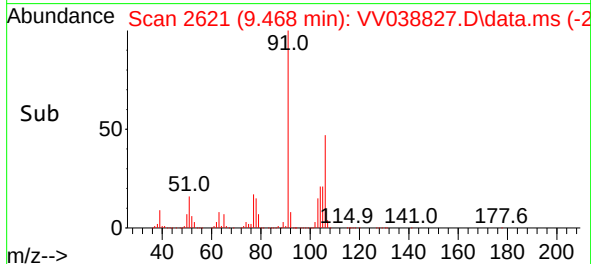
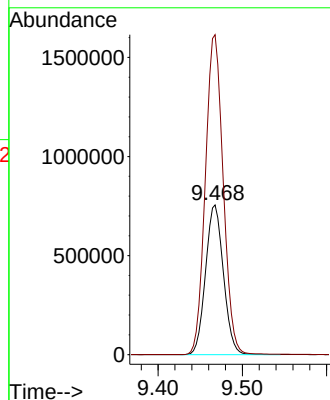
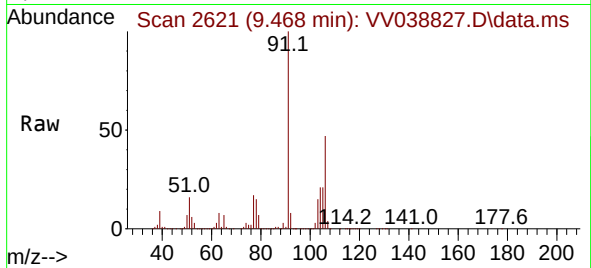




#69
o-Xylene
Concen: 110.149 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

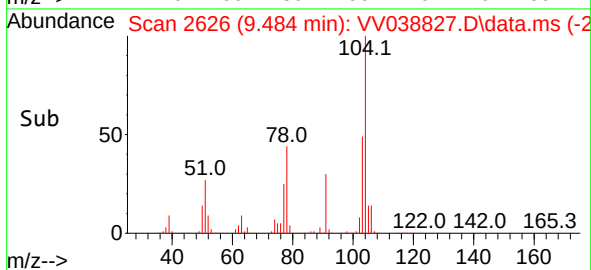
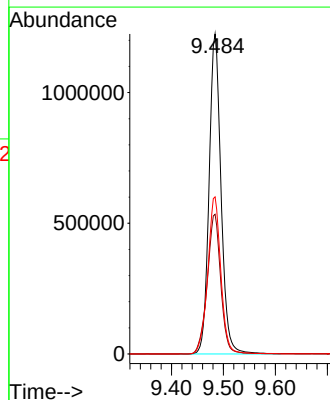
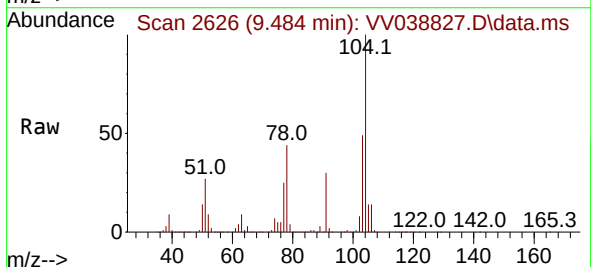
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

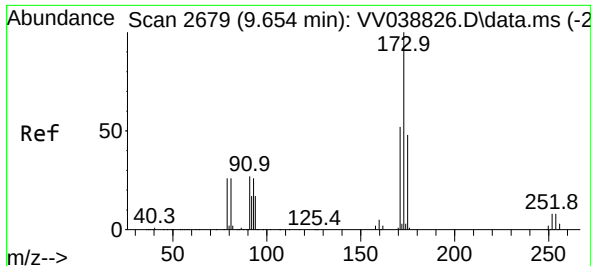
Tgt Ion:106 Resp: 1115046
Ion Ratio Lower Upper
106 100
91 213.6 106.1 318.1



#70
Styrene
Concen: 114.571 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion:104 Resp: 1958594
Ion Ratio Lower Upper
104 100
78 49.0 38.8 58.2
103 53.9 43.4 65.2

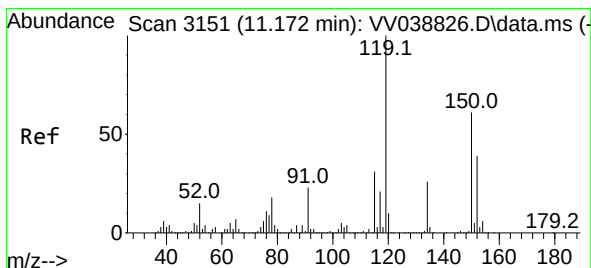
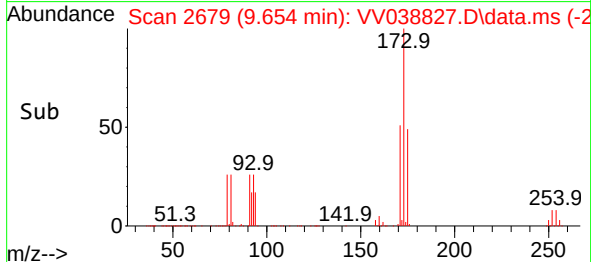
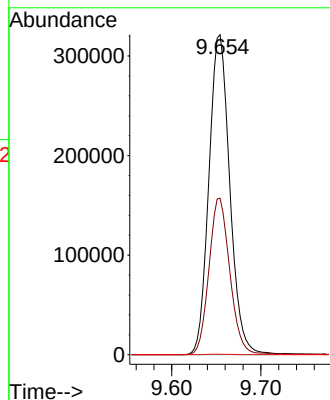
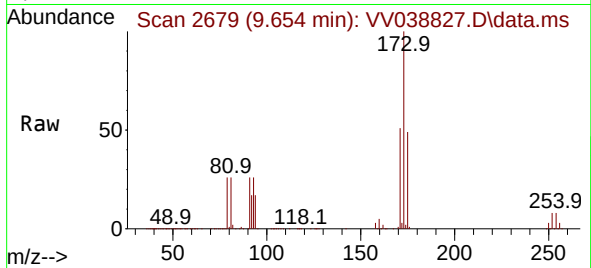




#71
Bromoform
Concen: 100.669 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

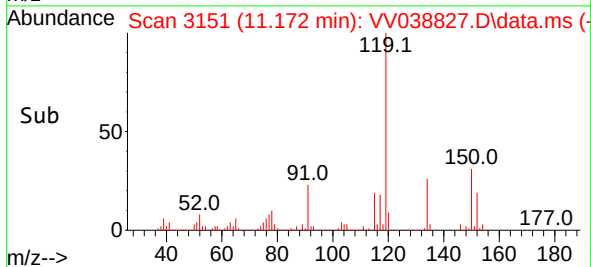
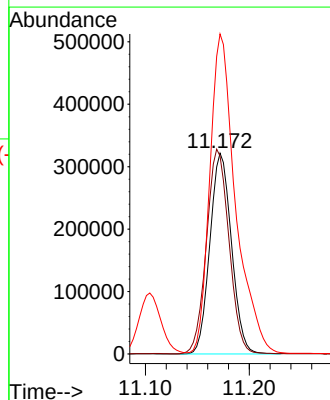
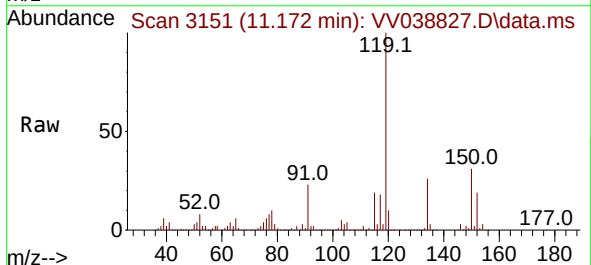
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

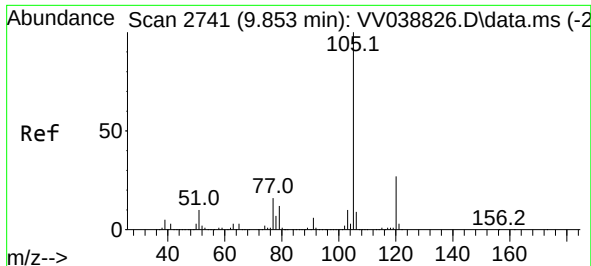
Tgt Ion:173 Resp: 523628
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.2
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion:152 Resp: 464034
Ion Ratio Lower Upper
152 100
115 106.3 41.3 123.7
150 190.9 0.0 344.6

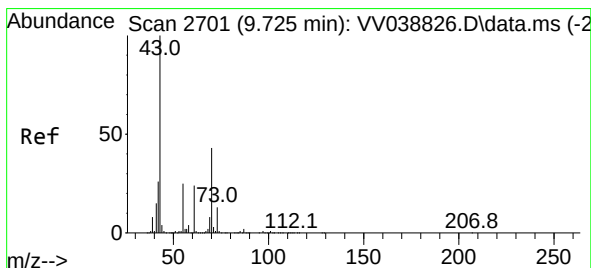
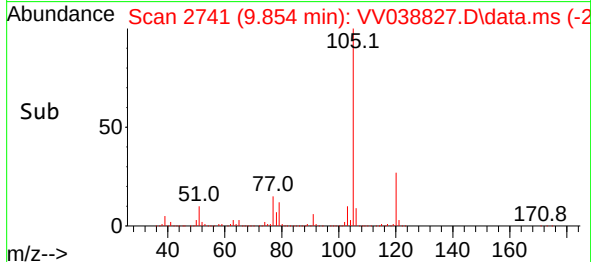
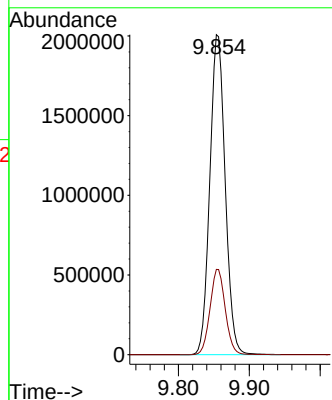
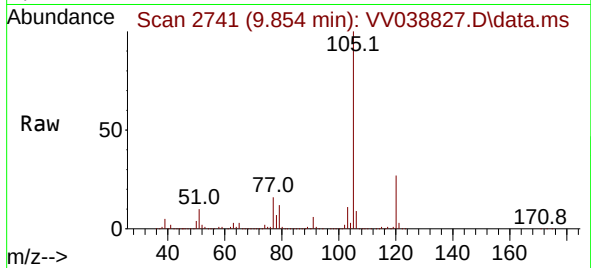




#73
Isopropylbenzene
Concen: 106.780 ug/l
RT: 9.854 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

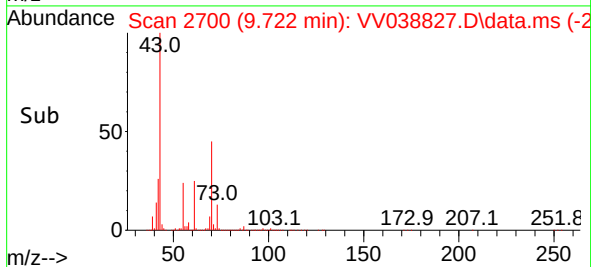
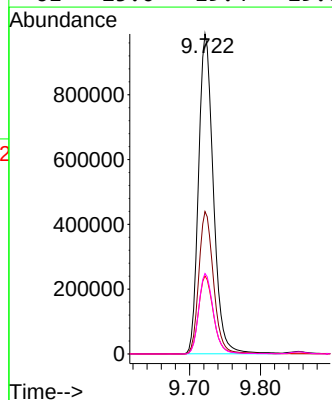
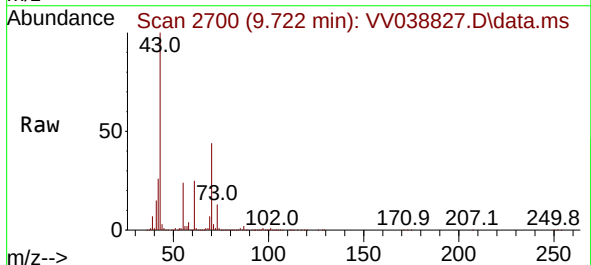
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

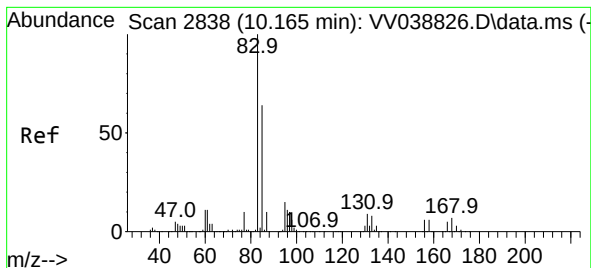
Tgt Ion:105 Resp: 3021026
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 116.166 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 43 Resp: 1432967
Ion Ratio Lower Upper
43 100
70 44.3 34.4 51.6
55 24.7 20.0 30.0
61 25.0 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 93.248 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

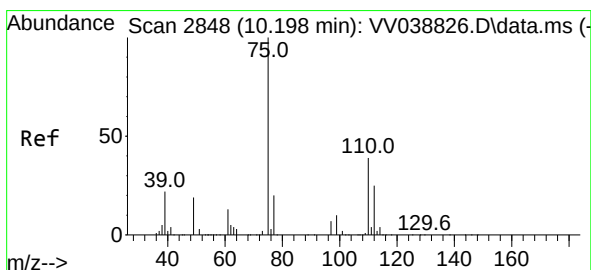
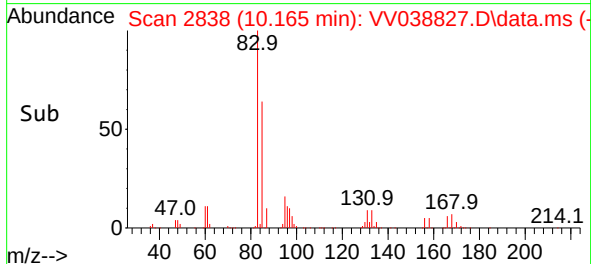
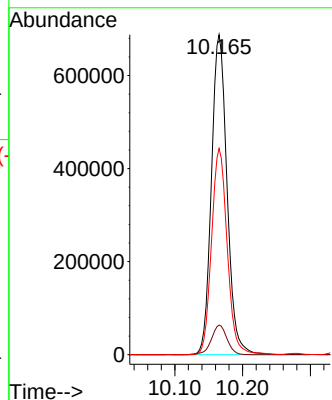
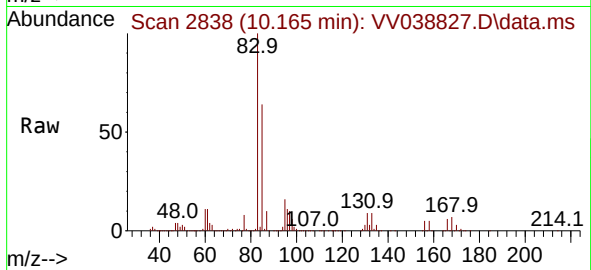
Tgt Ion: 83 Resp: 1098473

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.4

85 64.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 96.838 ug/l

RT: 10.194 min Scan# 2847

Delta R.T. -0.003 min

Lab File: VV038827.D

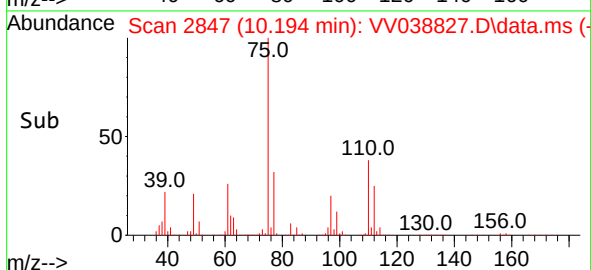
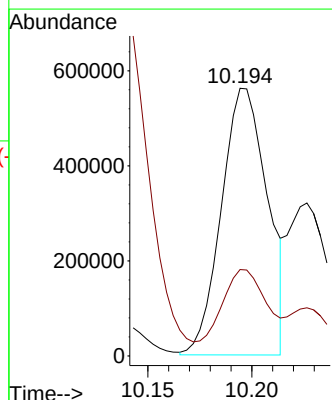
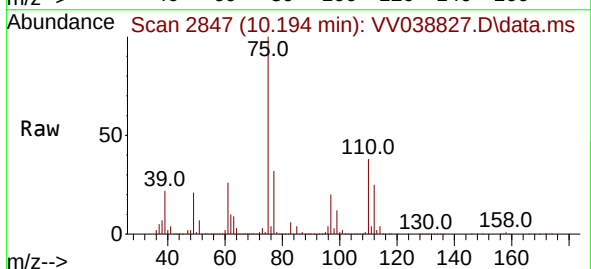
Acq: 27 Jun 2025 10:26

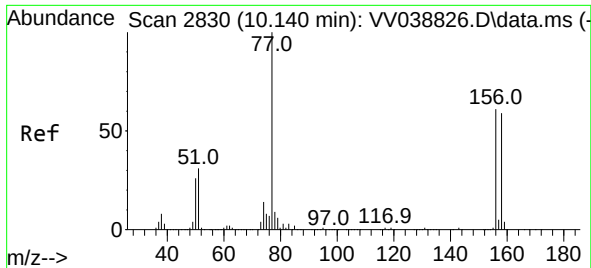
Tgt Ion: 75 Resp: 863788

Ion Ratio Lower Upper

75 100

77 24.4 17.3 52.0

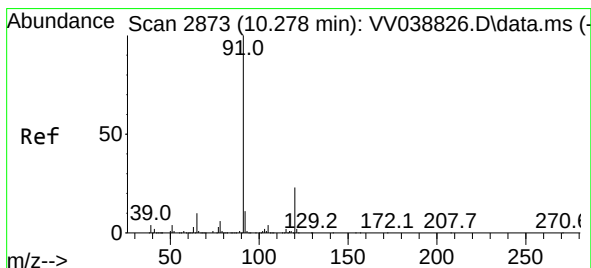
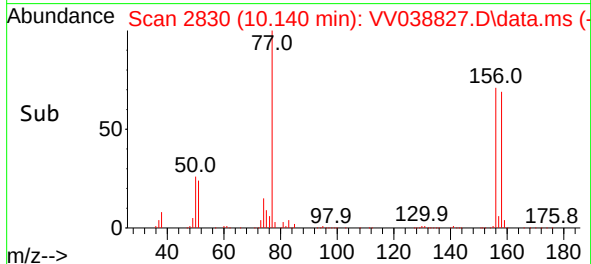
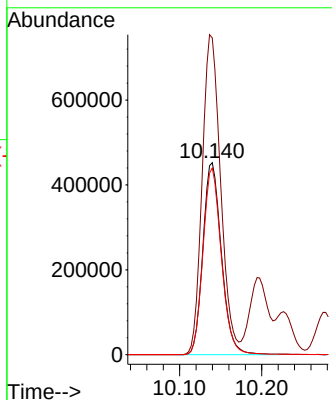
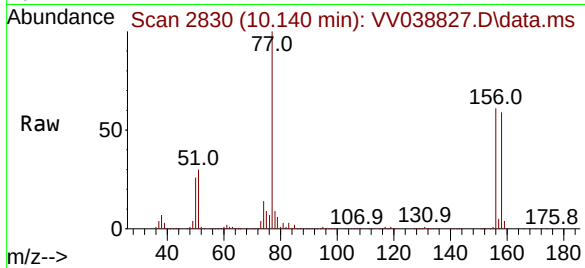




#77
Bromobenzene
Concen: 99.455 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

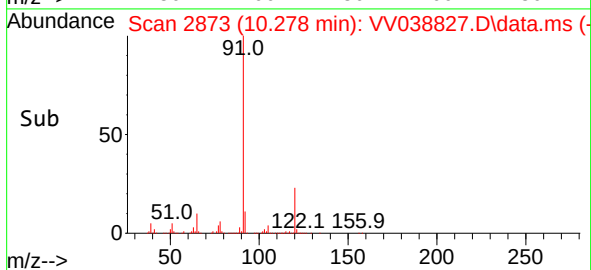
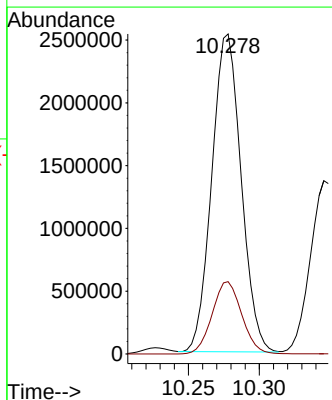
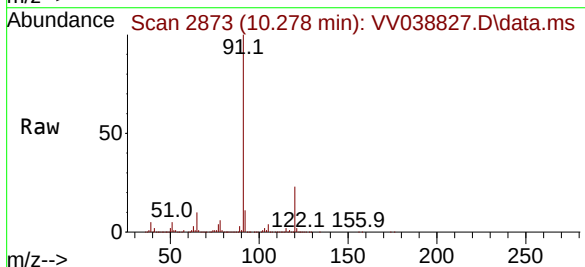
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

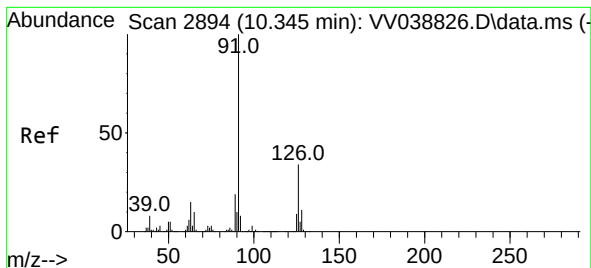
Tgt Ion:156 Resp: 709422
Ion Ratio Lower Upper
156 100
77 165.6 81.5 244.6
158 96.3 48.0 144.0



#78
n-propylbenzene
Concen: 106.491 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 91 Resp: 3643550
Ion Ratio Lower Upper
91 100
120 23.0 11.4 34.2





#79

2-Chlorotoluene

Concen: 103.532 ug/l

RT: 10.345 min Scan# 2894

Delta R.T. 0.000 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

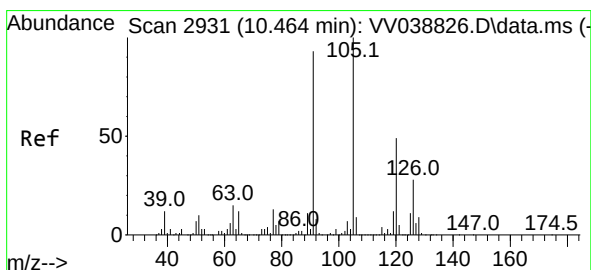
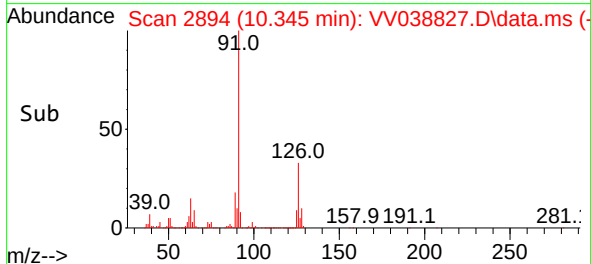
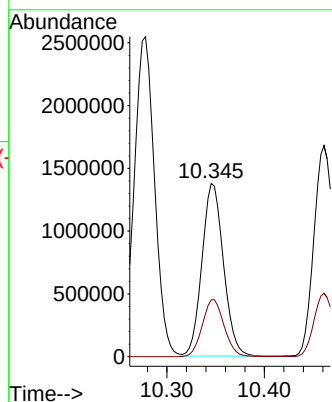
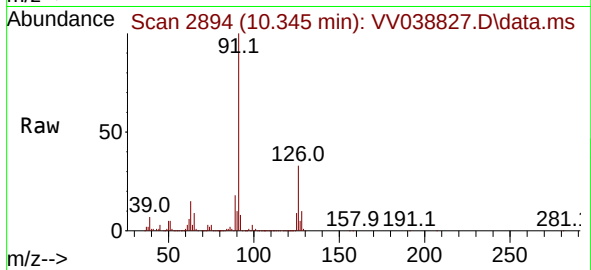
VSTDIC100

Tgt Ion: 91 Resp: 2107624

Ion Ratio Lower Upper

91 100

126 33.4 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 108.540 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV038827.D

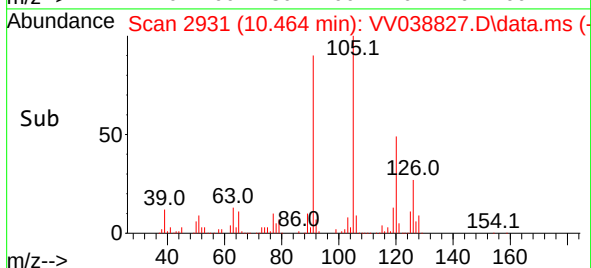
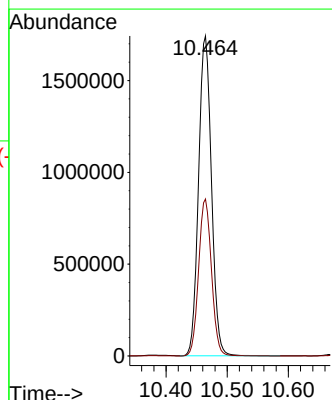
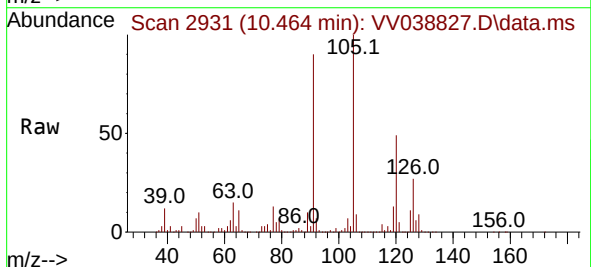
Acq: 27 Jun 2025 10:26

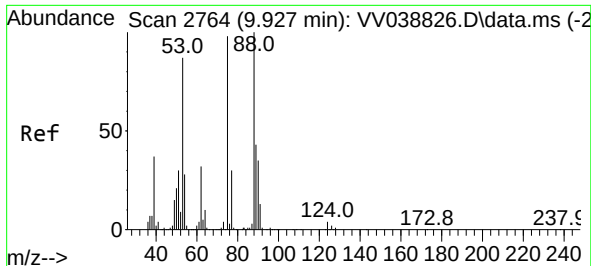
Tgt Ion:105 Resp: 2551727

Ion Ratio Lower Upper

105 100

120 48.8 24.6 73.6

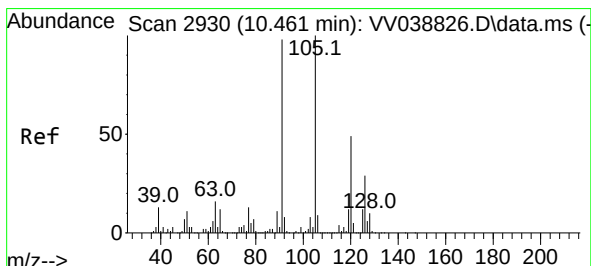
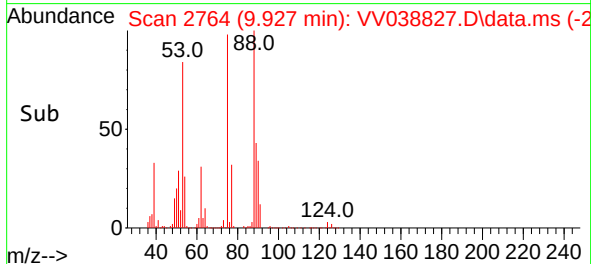
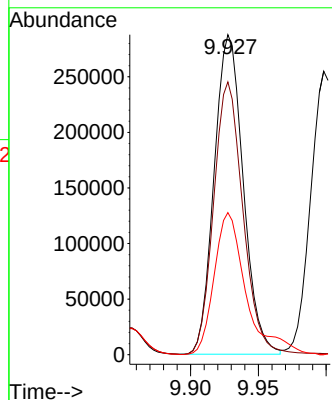
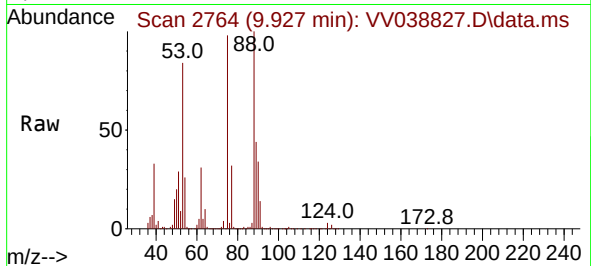




#81
trans-1,4-Dichloro-2-butene
Concen: 111.332 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

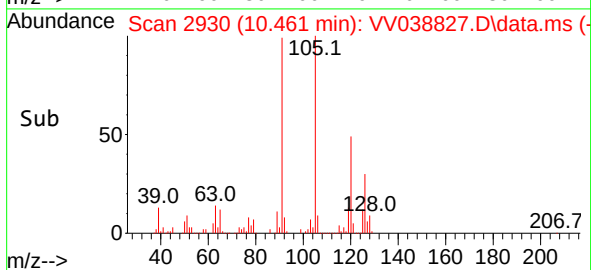
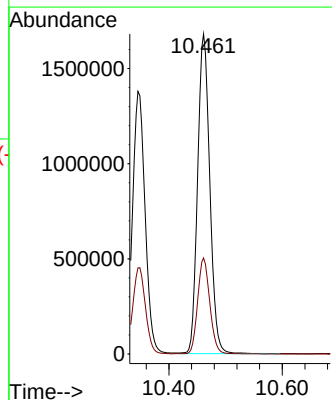
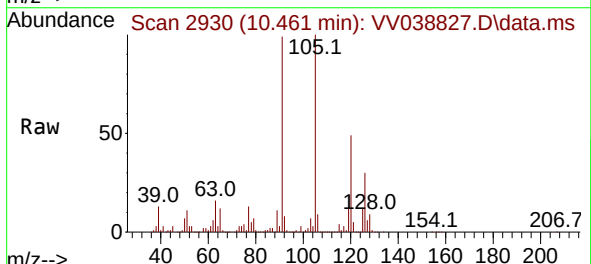
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

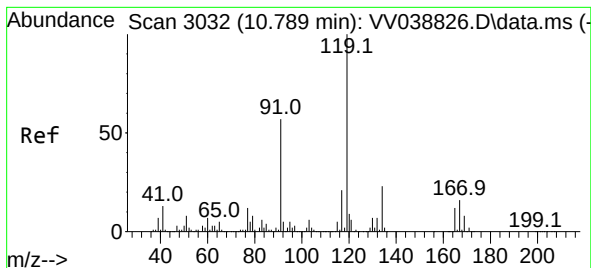
Tgt Ion: 75 Resp: 428826
Ion Ratio Lower Upper
75 100
53 86.2 72.6 109.0
89 49.1 37.0 55.6



#82
4-Chlorotoluene
Concen: 106.507 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion: 91 Resp: 2499752
Ion Ratio Lower Upper
91 100
126 29.7 15.1 45.3





#83

tert-Butylbenzene

Concen: 107.835 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

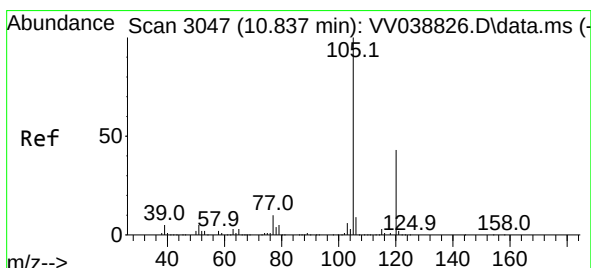
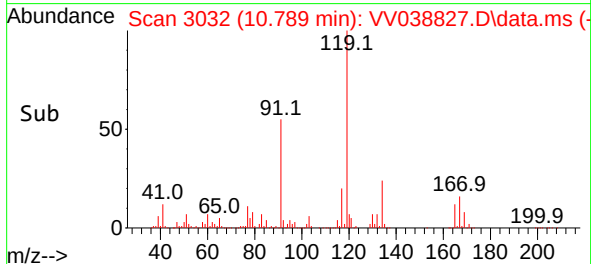
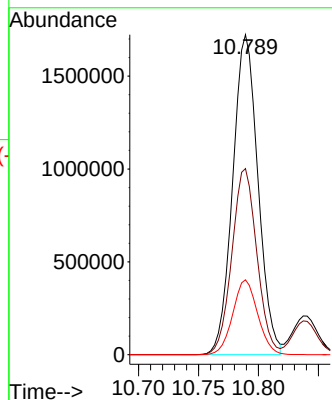
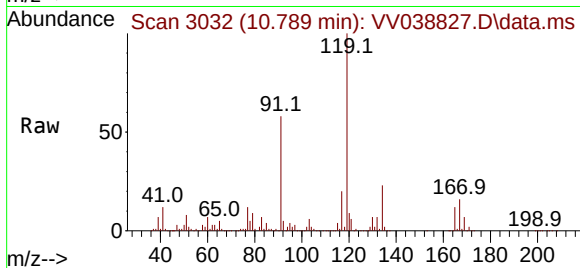
Tgt Ion:119 Resp: 2527944

Ion Ratio Lower Upper

119 100

91 57.5 28.2 84.6

134 23.1 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 111.625 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV038827.D

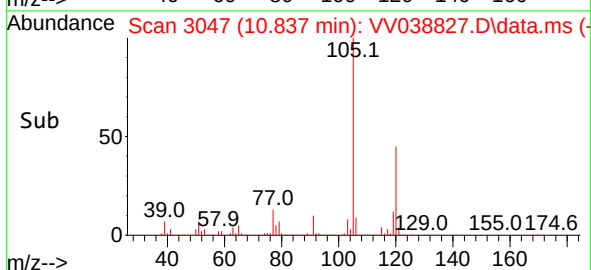
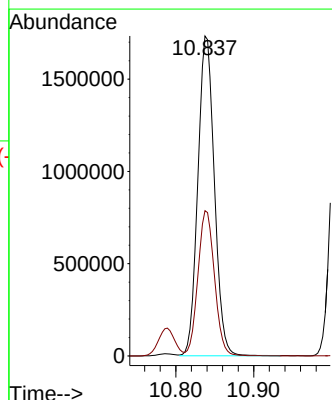
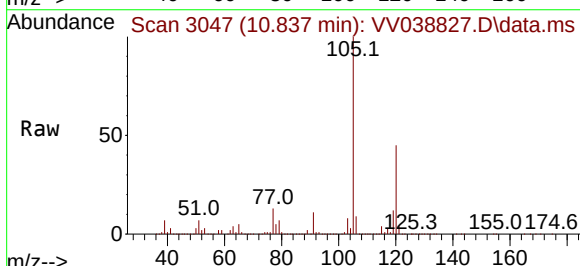
Acq: 27 Jun 2025 10:26

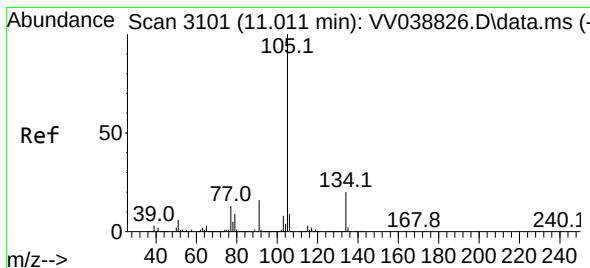
Tgt Ion:105 Resp: 2544679

Ion Ratio Lower Upper

105 100

120 45.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 110.115 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

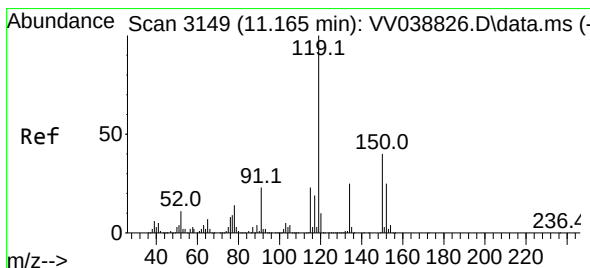
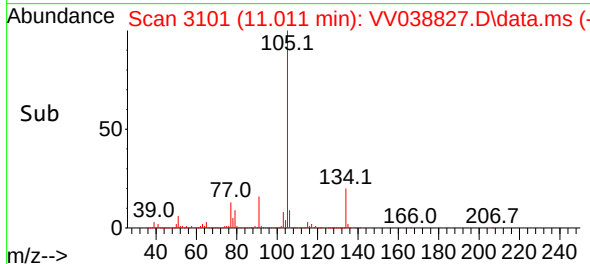
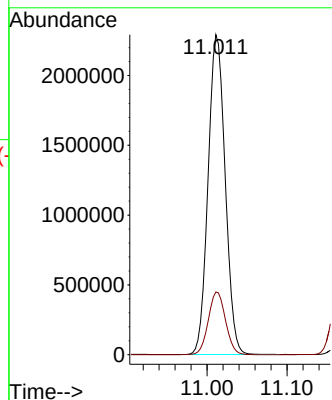
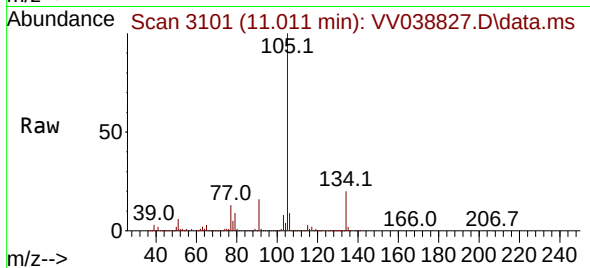
VSTDICC100

Tgt Ion:105 Resp: 3404806

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.4



#86

p-Isopropyltoluene

Concen: 108.284 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

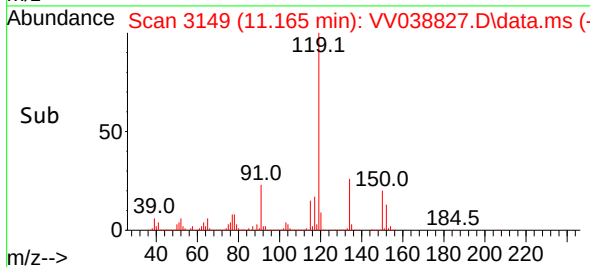
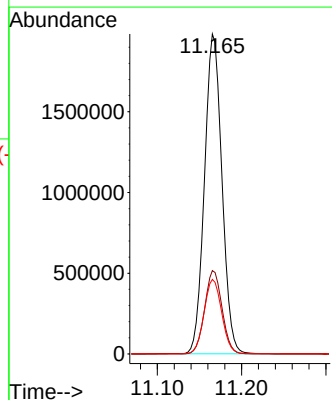
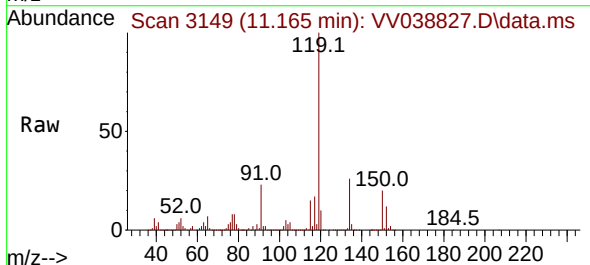
Tgt Ion:119 Resp: 2860720

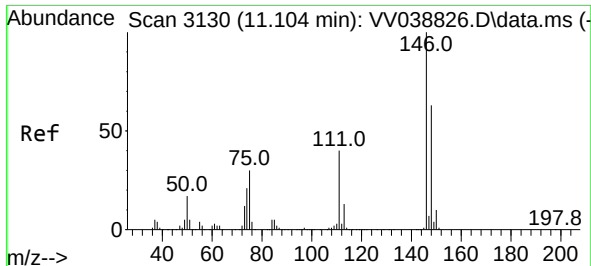
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 23.5 11.8 35.3

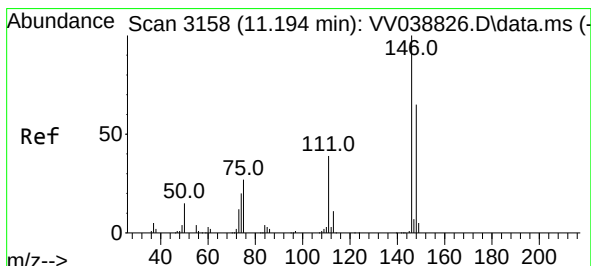
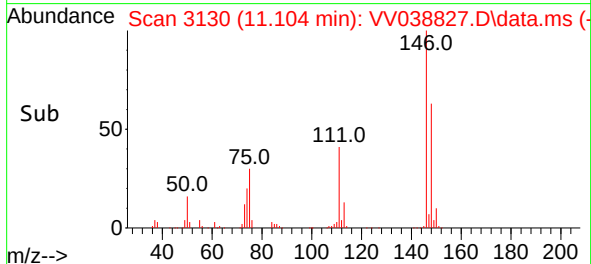
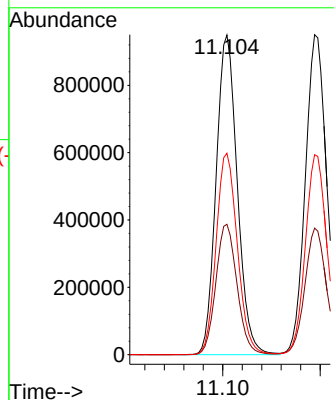
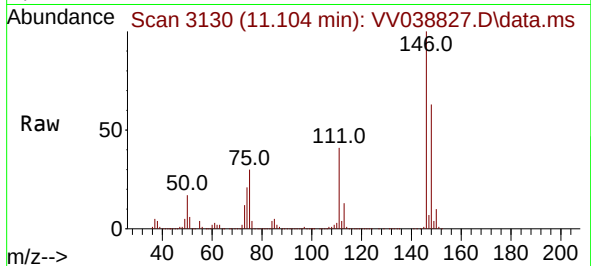




#87
1,3-Dichlorobenzene
Concen: 98.623 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

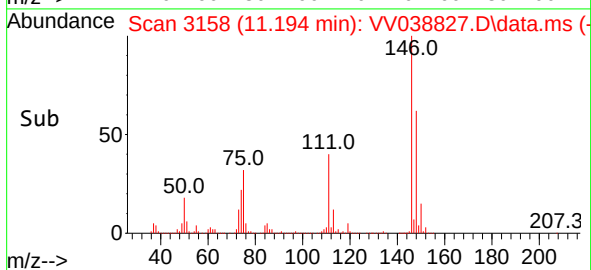
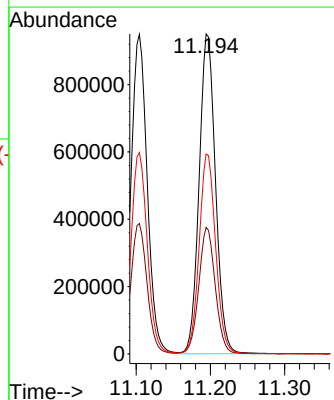
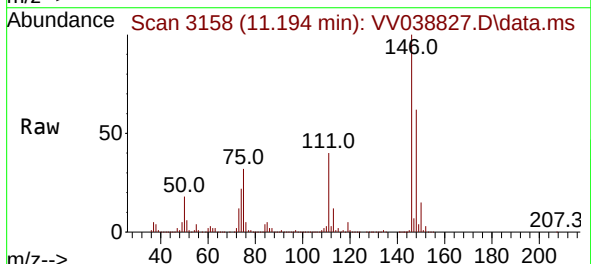
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

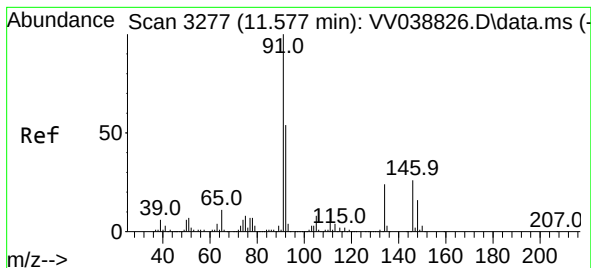
Tgt Ion:146 Resp: 1431882
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.9
148 63.3 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 92.943 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. 0.000 min
Lab File: VV038827.D
Acq: 27 Jun 2025 10:26

Tgt Ion:146 Resp: 1461629
Ion Ratio Lower Upper
146 100
111 39.7 20.5 61.5
148 62.9 32.3 96.9





#89

n-Butylbenzene

Concen: 110.997 ug/l

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

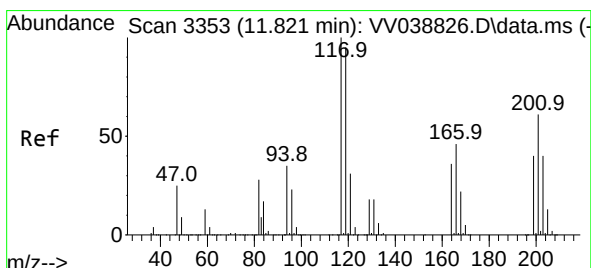
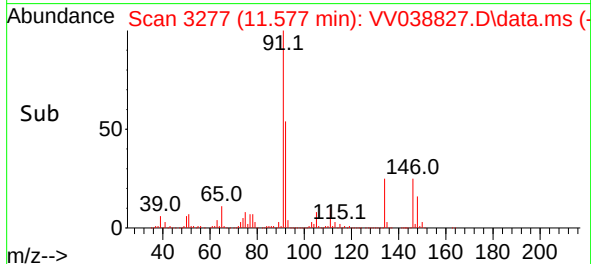
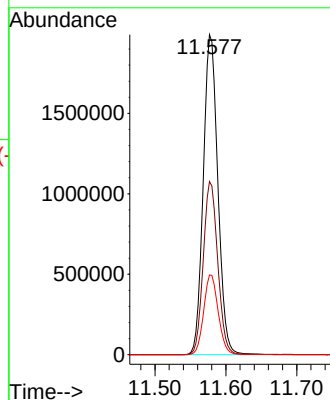
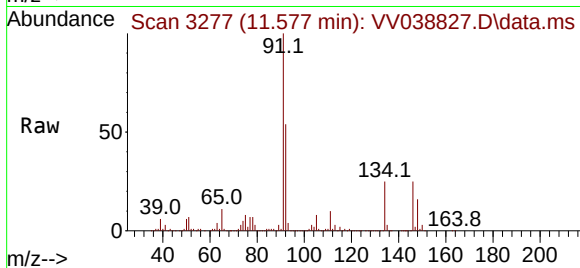
Tgt Ion: 91 Resp: 2840093

Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.7

134 24.9 12.3 36.8



#90

Hexachloroethane

Concen: 96.736 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV038827.D

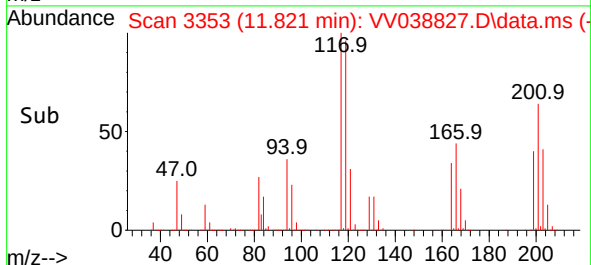
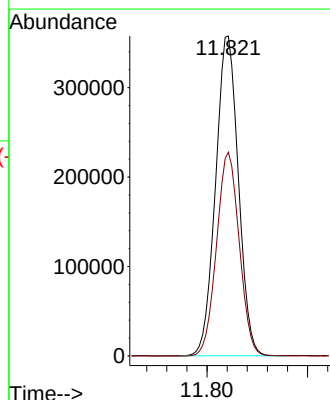
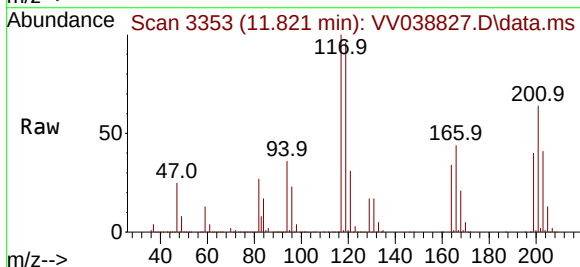
Acq: 27 Jun 2025 10:26

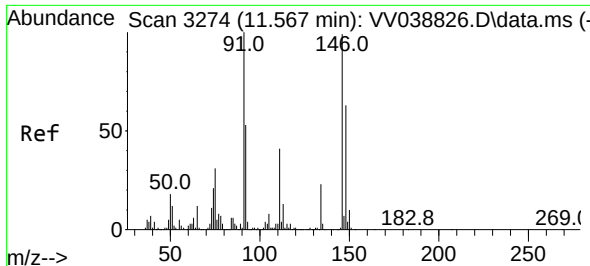
Tgt Ion: 117 Resp: 562633

Ion Ratio Lower Upper

117 100

201 63.5 31.4 94.0

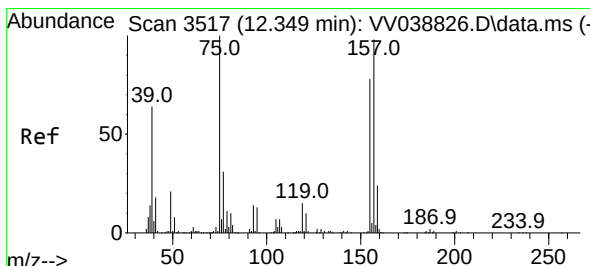
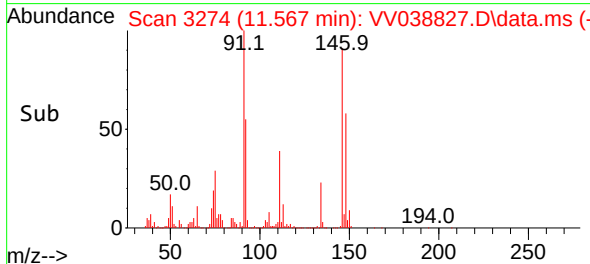
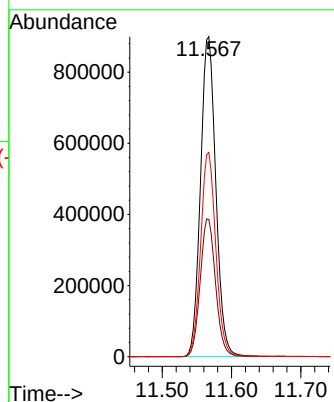
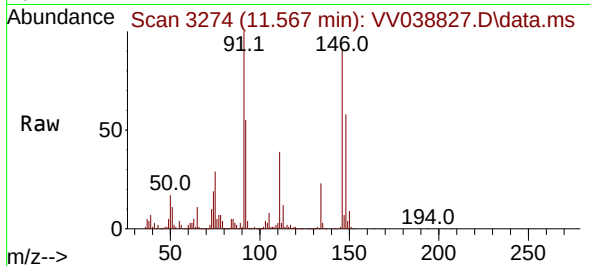




#91
 1,2-Dichlorobenzene
 Concen: 98.434 ug/l
 RT: 11.567 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV038827.D
 Acq: 27 Jun 2025 10:26

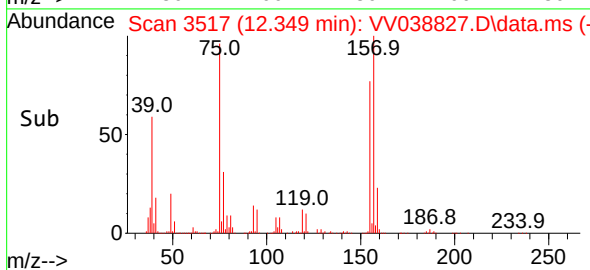
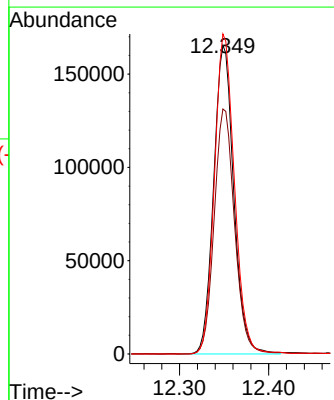
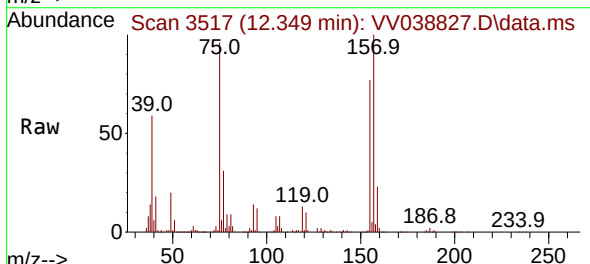
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

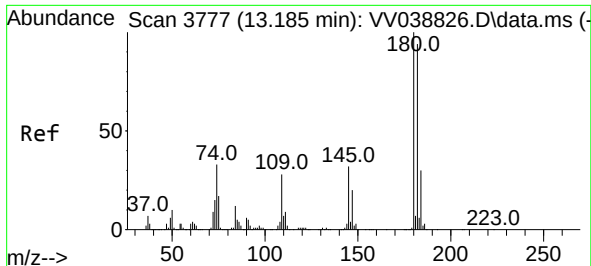
Tgt Ion:146 Resp: 1385487
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.0 63.0
 148 63.2 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 104.250 ug/l
 RT: 12.349 min Scan# 3517
 Delta R.T. 0.000 min
 Lab File: VV038827.D
 Acq: 27 Jun 2025 10:26

Tgt Ion: 75 Resp: 260356
 Ion Ratio Lower Upper
 75 100
 155 80.2 39.0 116.9
 157 102.9 48.3 144.8

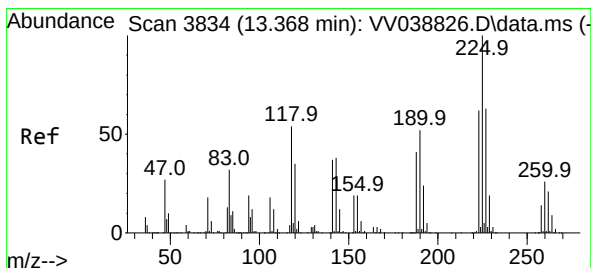
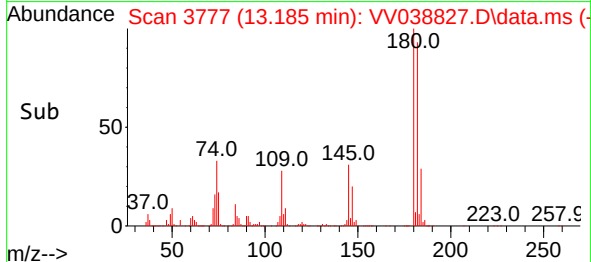
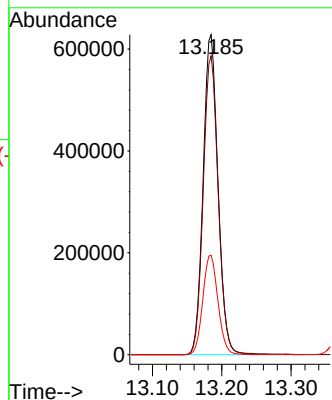
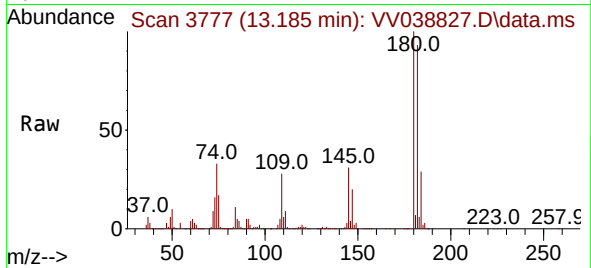




#93
 1,2,4-Trichlorobenzene
 Concen: 112.917 ug/l
 RT: 13.185 min Scan# 3777
 Delta R.T. 0.000 min
 Lab File: VV038827.D
 Acq: 27 Jun 2025 10:26

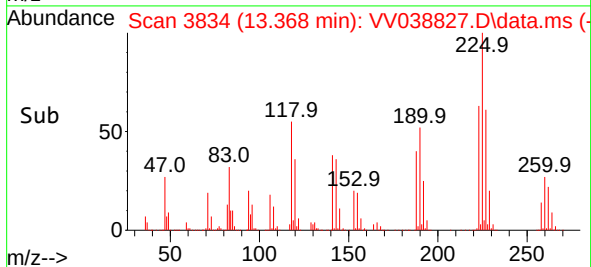
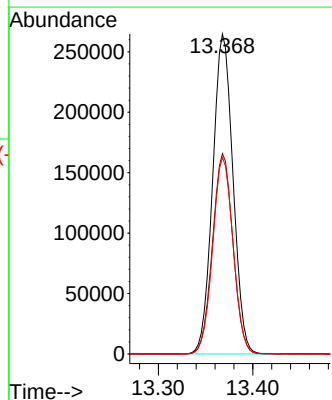
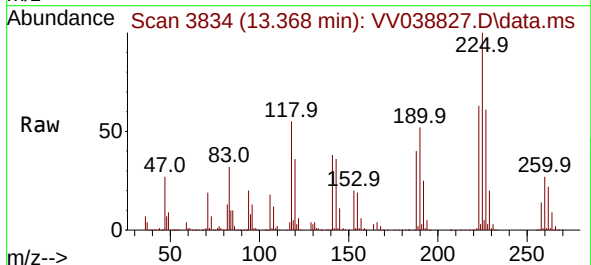
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

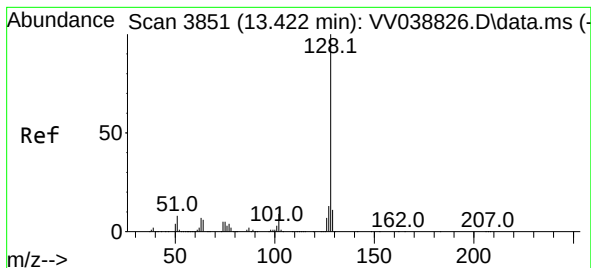
Tgt Ion:180 Resp: 937656
 Ion Ratio Lower Upper
 180 100
 182 94.1 46.9 140.6
 145 31.7 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 97.749 ug/l
 RT: 13.368 min Scan# 3834
 Delta R.T. 0.000 min
 Lab File: VV038827.D
 Acq: 27 Jun 2025 10:26

Tgt Ion:225 Resp: 394747
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.8
 227 61.6 31.0 93.0





#95

Naphthalene

Concen: 100.382 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

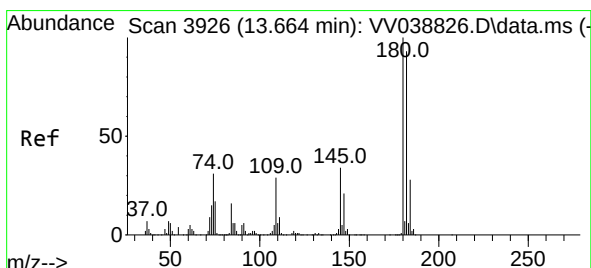
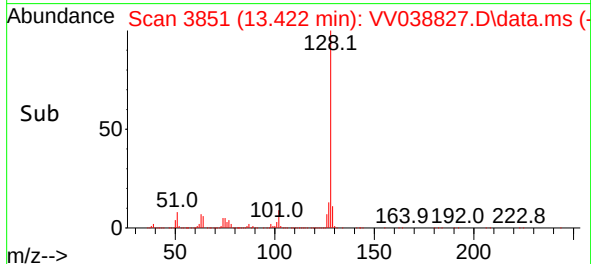
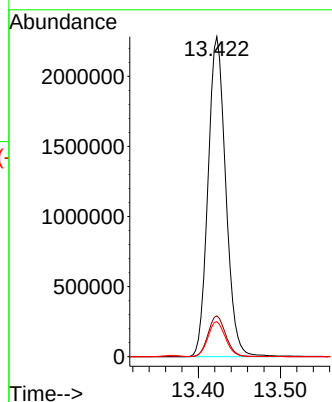
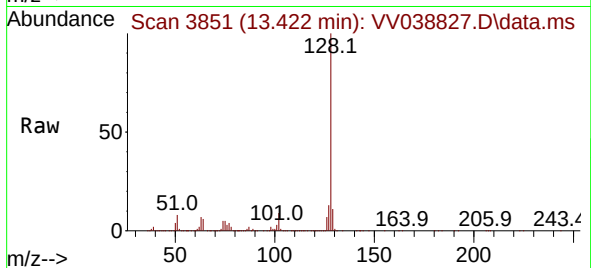
Tgt Ion:128 Resp: 3425926

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 110.029 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. 0.000 min

Lab File: VV038827.D

Acq: 27 Jun 2025 10:26

Tgt Ion:180 Resp: 938607

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 34.6 17.0 50.9

