

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100725\
 Data File : VV039287.D
 Acq On : 07 Oct 2025 11:32
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 08 04:43:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 04:38:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	749661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1167657	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1107633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	621882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	985564	92.521	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 185.040%#	
35) Dibromofluoromethane	4.497	113	858226	93.282	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 186.560%#	
50) Toluene-d8	7.236	98	3134481	100.146	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 200.300%#	
62) 4-Bromofluorobenzene	9.998	95	1168638	104.841	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 209.680%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	893519	94.301	ug/l	100
3) Chloromethane	1.230	50	879319	89.137	ug/l	100
4) Vinyl Chloride	1.297	62	998482	88.720	ug/l	99
5) Bromomethane	1.487	94	623024	85.322	ug/l	99
6) Chloroethane	1.555	64	603702	99.386	ug/l	99
7) Trichlorofluoromethane	1.722	101	1463821	85.141	ug/l	100
8) Diethyl Ether	1.918	74	550404	88.590	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	881200	85.597	ug/l	100
10) Methyl Iodide	2.195	142	1028544	115.961	ug/l	99
11) Tert butyl alcohol	2.574	59	889682	430.970	ug/l	100
12) 1,1-Dichloroethene	2.079	96	854123	84.498	ug/l	99
13) Acrolein	2.008	56	596300	506.663	ug/l	99
14) Allyl chloride	2.355	41	1407616	87.845	ug/l	100
15) Acrylonitrile	2.674	53	2595364	423.939	ug/l	99
16) Acetone	2.117	43	2403719	495.727	ug/l	99
17) Carbon Disulfide	2.249	76	2346685	82.192	ug/l	100
18) Methyl Acetate	2.378	43	1264520	91.610	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	2731645	89.783	ug/l	98
20) Methylene Chloride	2.455	84	922846	99.824	ug/l	99
21) trans-1,2-Dichloroethene	2.699	96	880398	82.721	ug/l	99
22) Diisopropyl ether	3.217	45	2663473	92.580	ug/l	93
23) Vinyl Acetate	3.188	43	11652736	461.373	ug/l	99
24) 1,1-Dichloroethane	3.117	63	1598702	82.946	ug/l	99
25) 2-Butanone	3.866	43	3263476	502.401	ug/l	98
26) 2,2-Dichloropropane	3.809	77	1375516	88.606	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	1023815	96.076	ug/l	99
28) Bromochloromethane	4.146	49	683408	81.134	ug/l	100
29) Tetrahydrofuran	4.236	42	2101591	504.695	ug/l	100
30) Chloroform	4.278	83	1662798	84.599	ug/l	100
31) Cyclohexane	4.583	56	1347579	95.992	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	1470824	85.587	ug/l	99
36) 1,1-Dichloropropene	4.741	75	1123479	97.224	ug/l	99
37) Ethyl Acetate	3.973	43	1228696	91.123	ug/l	100
38) Carbon Tetrachloride	4.735	117	1280814	87.445	ug/l	99
39) Methylcyclohexane	6.046	83	1465584	110.972	ug/l	96
40) Benzene	5.008	78	3515685	94.814	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100725\
 Data File : VV039287.D
 Acq On : 07 Oct 2025 11:32
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 08 04:43:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 04:38:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	593957	100.873	ug/l	98
42) 1,2-Dichloroethane	5.037	62	1144477	87.944	ug/l	100
43) Isopropyl Acetate	5.191	43	1908455	103.569	ug/l	99
44) Trichloroethene	5.828	130	881129	94.495	ug/l	100
45) 1,2-Dichloropropane	6.088	63	873398	96.798	ug/l	100
46) Dibromomethane	6.223	93	669010	88.707	ug/l	98
47) Bromodichloromethane	6.426	83	1331015	89.570	ug/l	99
48) Methyl methacrylate	6.294	41	914826	111.494	ug/l	100
49) 1,4-Dioxane	6.291	88	296818	2174.580	ug/l	91
51) 4-Methyl-2-Pentanone	7.149	43	6345475	516.411	ug/l	99
52) Toluene	7.307	92	2263884	101.117	ug/l	99
53) t-1,3-Dichloropropene	7.570	75	1368814	105.398	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	1462703	101.305	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	907428	89.760	ug/l	98
56) Ethyl methacrylate	7.715	69	1403788	124.375	ug/l	100
57) 1,3-Dichloropropane	7.934	76	1467059	96.166	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	3527395	500.230	ug/l	99
59) 2-Hexanone	8.062	43	4801164	532.226	ug/l	98
60) Dibromochloromethane	8.169	129	1076945	91.110	ug/l	99
61) 1,2-Dibromoethane	8.271	107	991319	94.173	ug/l	99
64) Tetrachloroethene	7.895	164	767463	94.986	ug/l	100
65) Chlorobenzene	8.802	112	2503276	95.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.898	131	892682	90.889	ug/l	99
67) Ethyl Benzene	8.937	91	4288544	111.032	ug/l	99
68) m/p-Xylenes	9.062	106	3410520	222.630	ug/l	100
69) o-Xylene	9.468	106	1591932	117.673	ug/l	98
70) Styrene	9.484	104	2846152	118.237	ug/l	99
71) Bromoform	9.654	173	764338	96.230	ug/l #	100
73) Isopropylbenzene	9.857	105	4236831	112.193	ug/l	100
74) N-amyl acetate	9.722	43	1717728	109.578	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	1463782	84.405	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	1139829	91.832	ug/l	99
77) Bromobenzene	10.140	156	1039102	100.094	ug/l	97
78) n-propylbenzene	10.278	91	5031443	109.805	ug/l	99
79) 2-Chlorotoluene	10.349	91	3001261	106.088	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	3568373	112.666	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	535551	108.969	ug/l	98
82) 4-Chlorotoluene	10.461	91	3551601	109.222	ug/l	99
83) tert-Butylbenzene	10.789	119	3524869	112.082	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	3570942	114.530	ug/l	100
85) sec-Butylbenzene	11.011	105	4503223	113.251	ug/l	100
86) p-Isopropyltoluene	11.165	119	3801102	111.182	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	2025215	97.806	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	2063431	88.407	ug/l	99
89) n-Butylbenzene	11.577	91	3617227	113.614	ug/l	99
90) Hexachloroethane	11.818	117	753378	89.118	ug/l	100
91) 1,2-Dichlorobenzene	11.564	146	1927089	97.835	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.348	75	329241	92.330	ug/l	98
93) 1,2,4-Trichlorobenzene	13.184	180	1244317	113.268	ug/l	98
94) Hexachlorobutadiene	13.368	225	508802	91.466	ug/l	100
95) Naphthalene	13.422	128	4559594	126.683	ug/l	100
96) 1,2,3-Trichlorobenzene	13.663	180	1278887	112.009	ug/l	100

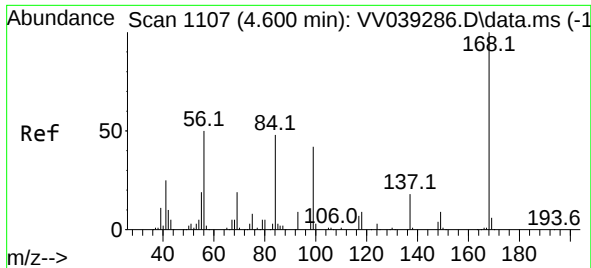
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100725\
Data File : VV039287.D
Acq On : 07 Oct 2025 11:32
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Quant Time: Oct 08 04:43:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:38:33 2025
Response via : Initial Calibration

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

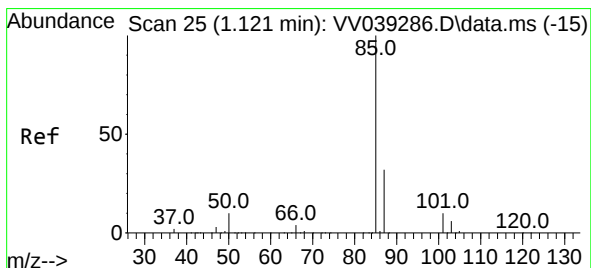
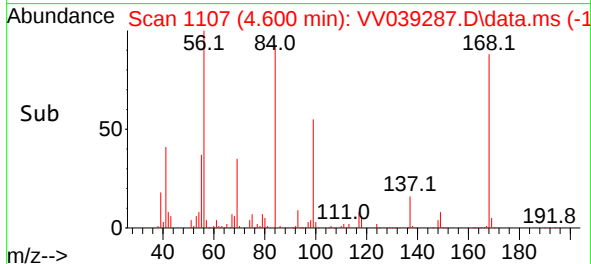
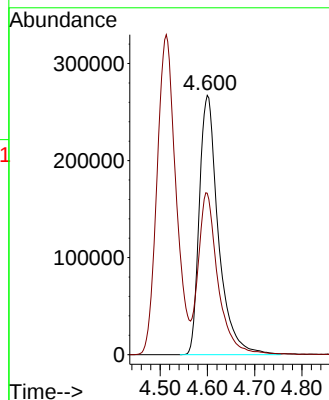
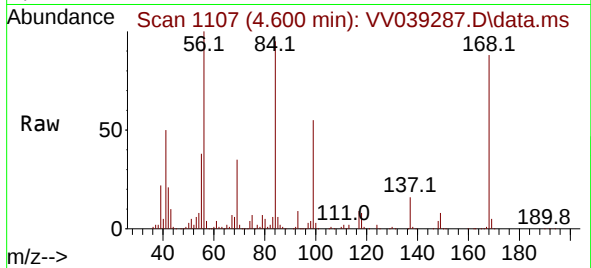
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

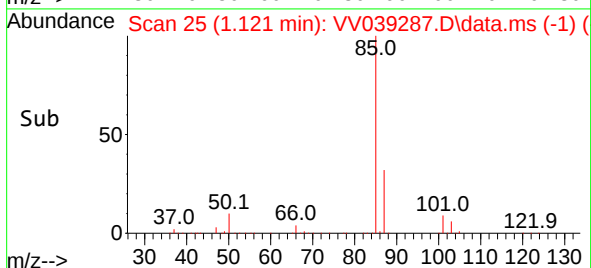
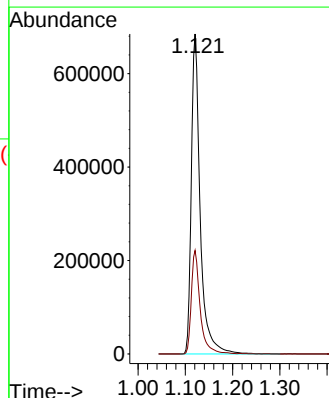
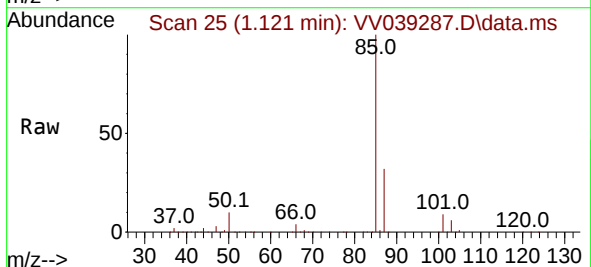
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

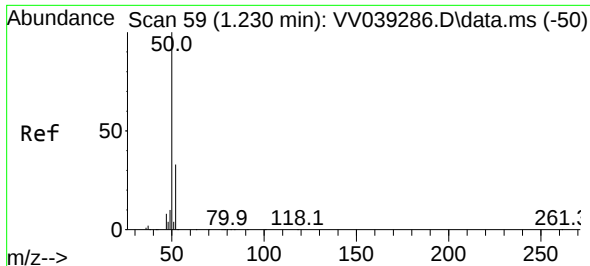
Tgt Ion:168 Resp: 749661
Ion Ratio Lower Upper
168 100
99 61.9 46.6 70.0



#2
Dichlorodifluoromethane
Concen: 94.301 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 85 Resp: 893519
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2

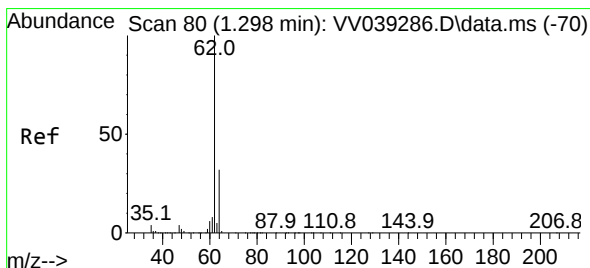
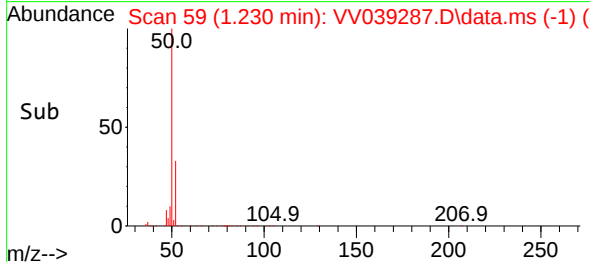
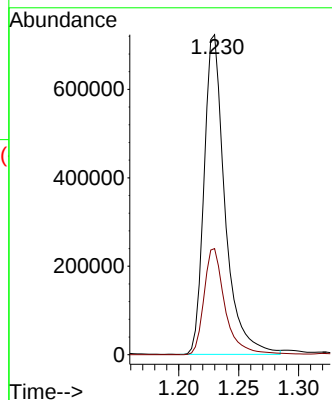
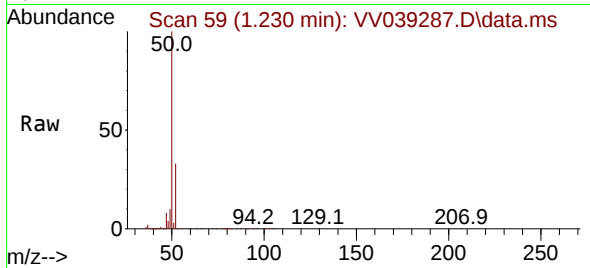




#3
Chloromethane
Concen: 89.137 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

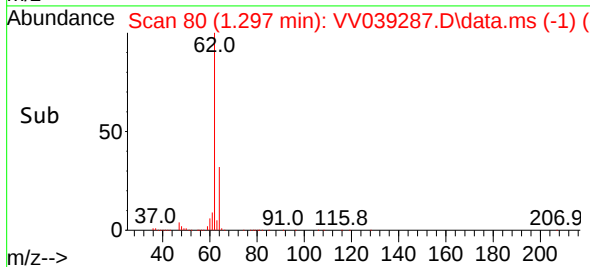
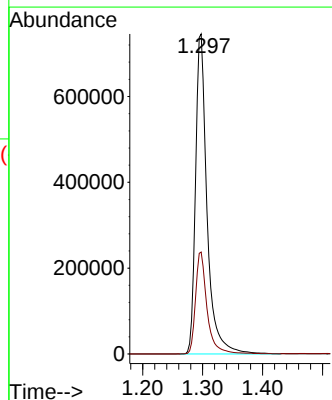
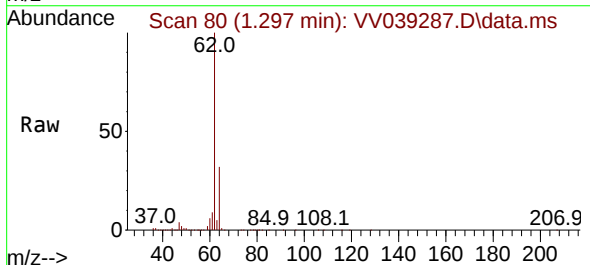
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

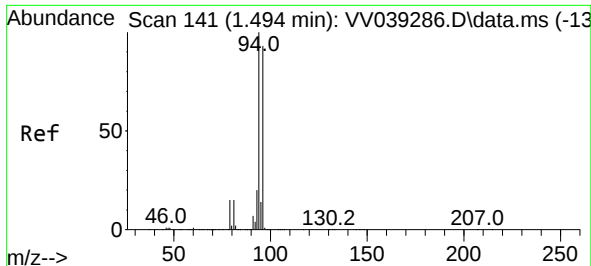
Tgt Ion: 50 Resp: 879319
Ion Ratio Lower Upper
50 100
52 33.2 26.6 39.8



#4
Vinyl Chloride
Concen: 88.720 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 62 Resp: 998482
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6

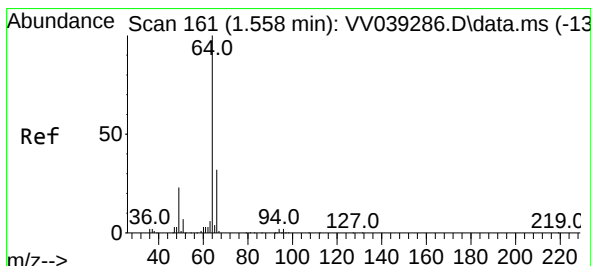
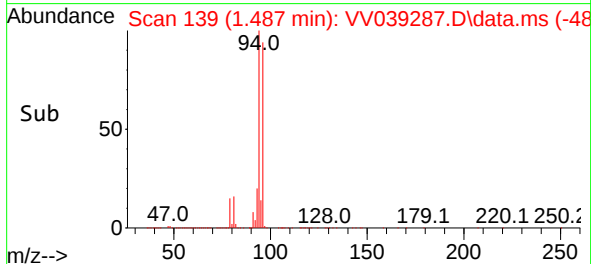
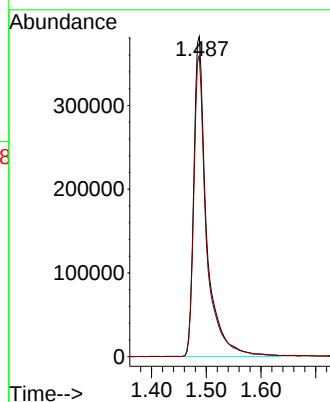
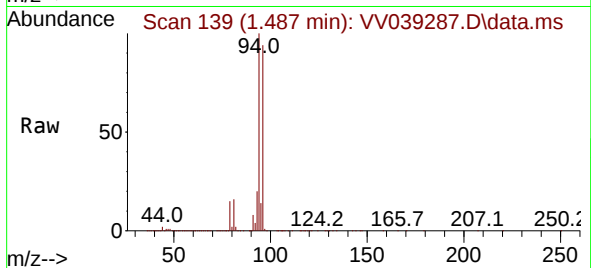




#5
Bromomethane
Concen: 85.322 ug/l
RT: 1.487 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

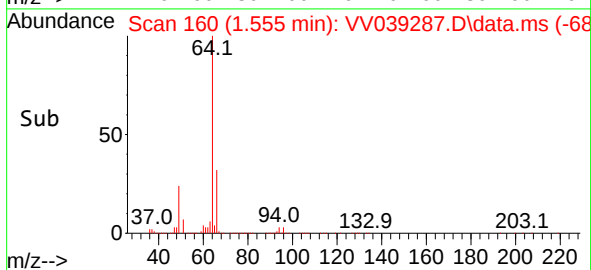
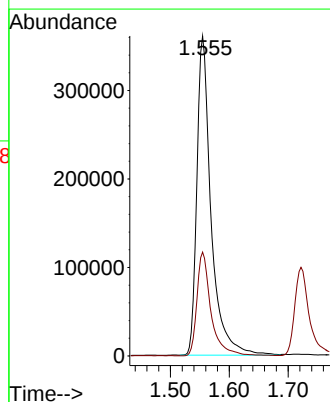
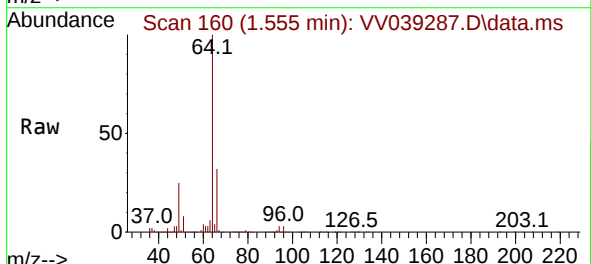
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

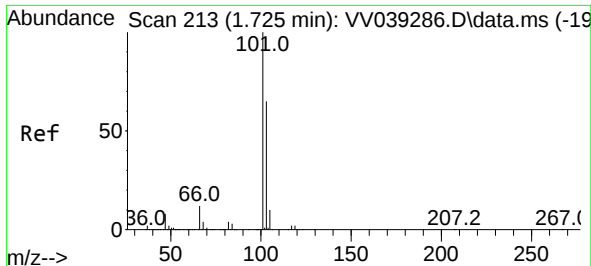
Tgt Ion: 94 Resp: 623024
Ion Ratio Lower Upper
94 100
96 94.1 74.2 111.2



#6
Chloroethane
Concen: 99.386 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 64 Resp: 603702
Ion Ratio Lower Upper
64 100
66 32.5 25.7 38.5

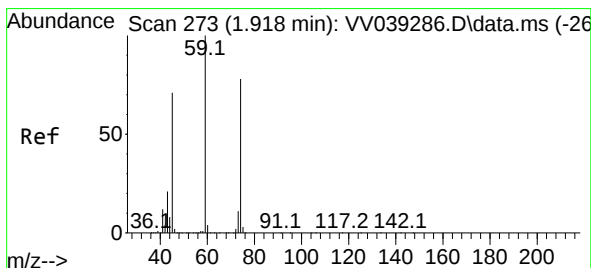
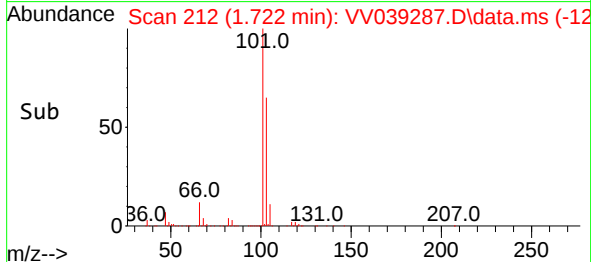
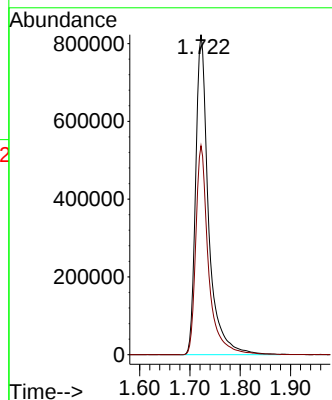
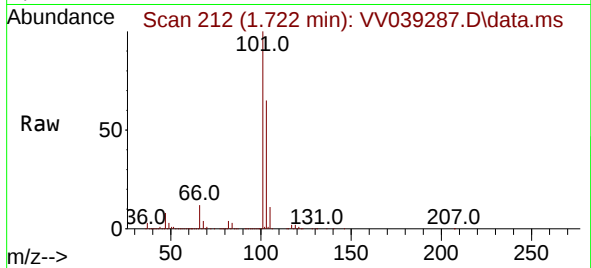




#7
 Trichlorofluoromethane
 Concen: 85.141 ug/l
 RT: 1.722 min Scan# 213
 Delta R.T. -0.003 min
 Lab File: VV039287.D
 Acq: 07 Oct 2025 11:32

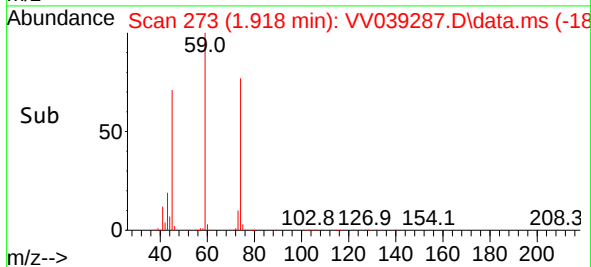
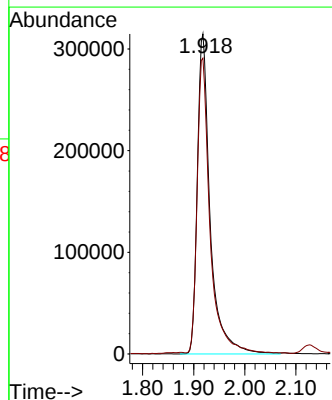
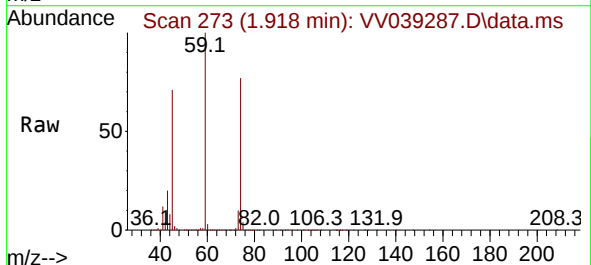
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

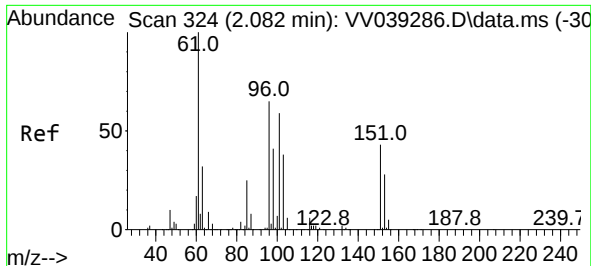
Tgt Ion:101 Resp: 1463821
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.0 78.0



#8
 Diethyl Ether
 Concen: 88.590 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. -0.000 min
 Lab File: VV039287.D
 Acq: 07 Oct 2025 11:32

Tgt Ion: 74 Resp: 550404
 Ion Ratio Lower Upper
 74 100
 45 91.4 45.9 137.7

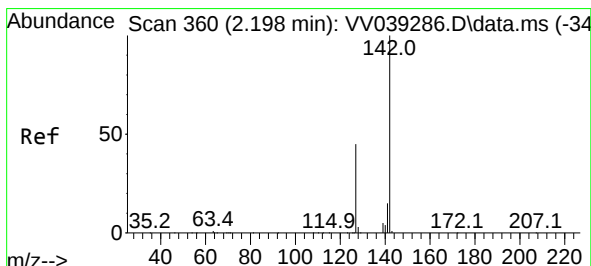
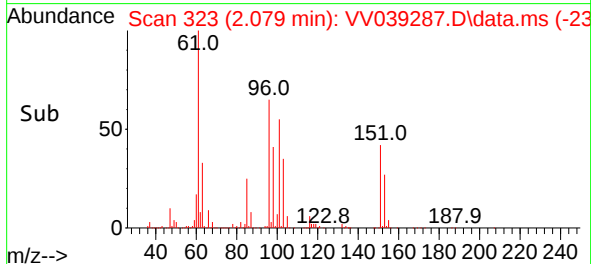
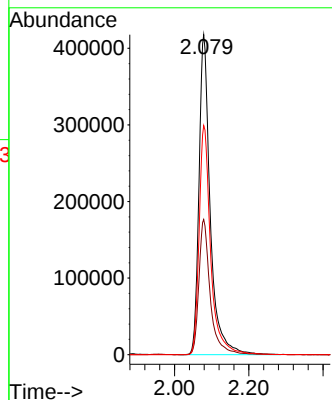
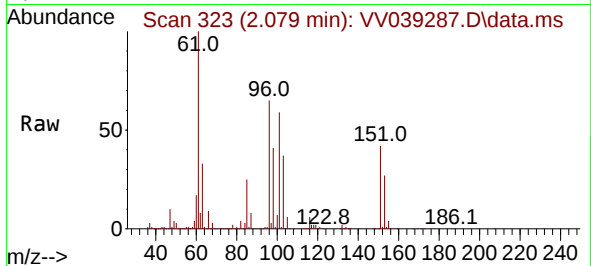




#9
1,1,2-Trichlorotrifluoroethane
Concen: 85.597 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

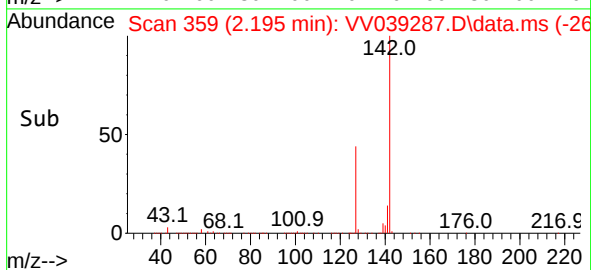
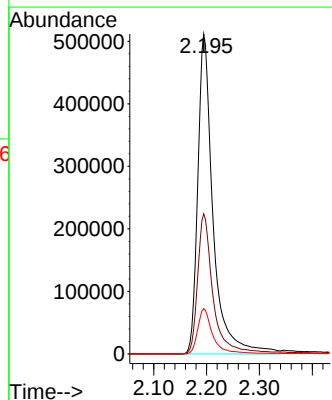
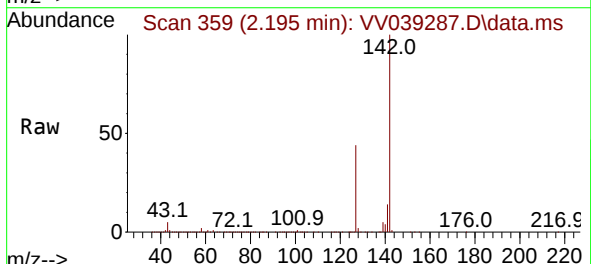
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

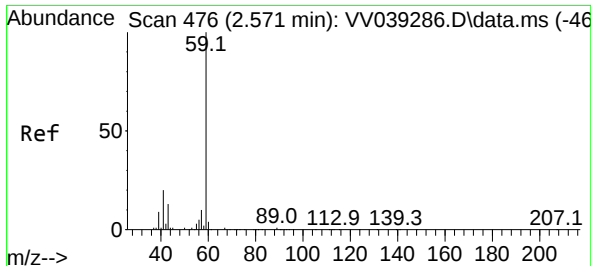
Tgt Ion:101 Resp: 881200
Ion Ratio Lower Upper
101 100
85 42.7 34.0 51.0
151 73.4 58.5 87.7



#10
Methyl Iodide
Concen: 115.961 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion:142 Resp: 1028544
Ion Ratio Lower Upper
142 100
127 44.1 35.5 53.3
141 13.9 11.5 17.3

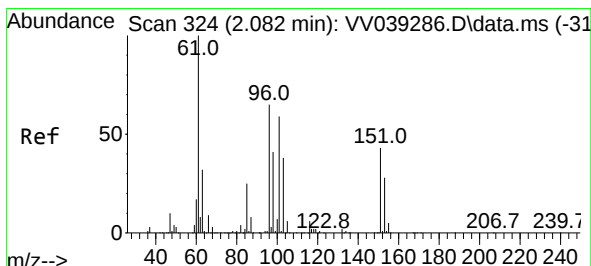
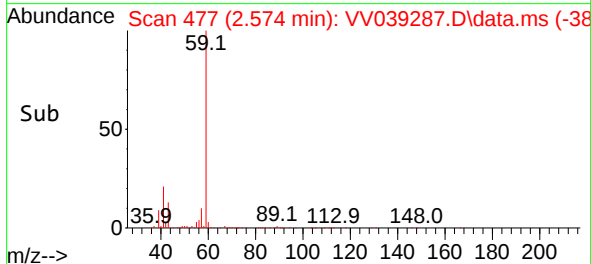
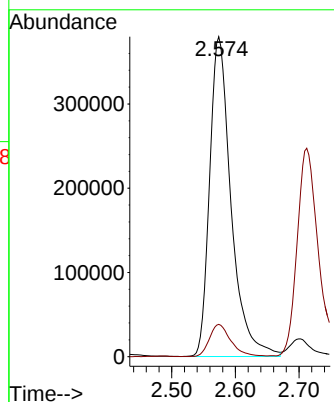
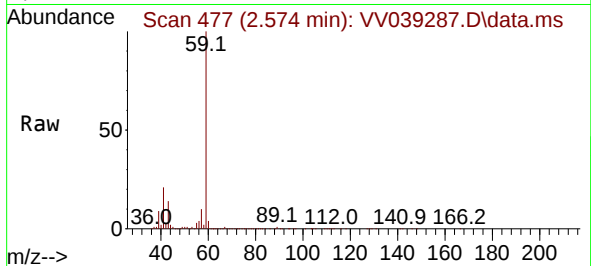




#11
Tert butyl alcohol
Concen: 430.970 ug/l
RT: 2.574 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

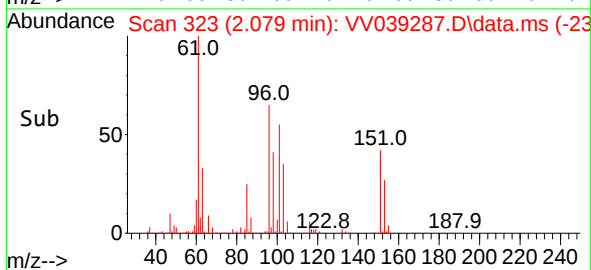
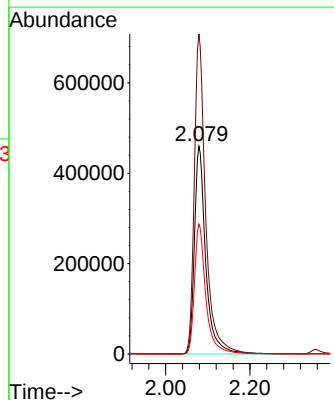
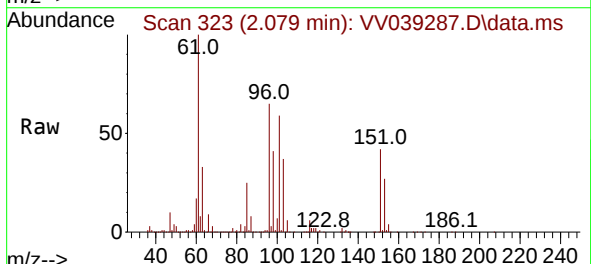
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

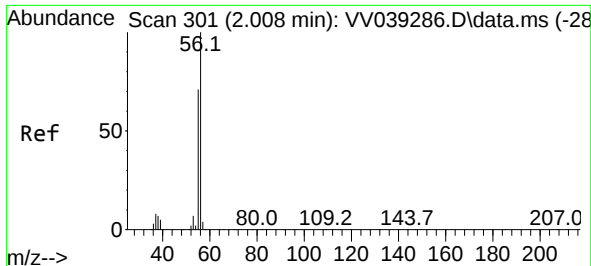
Tgt Ion: 59 Resp: 889682
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 84.498 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 96 Resp: 854123
Ion Ratio Lower Upper
96 100
61 154.0 123.6 185.4
98 62.6 51.1 76.7

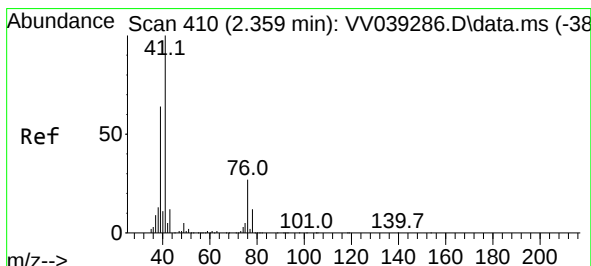
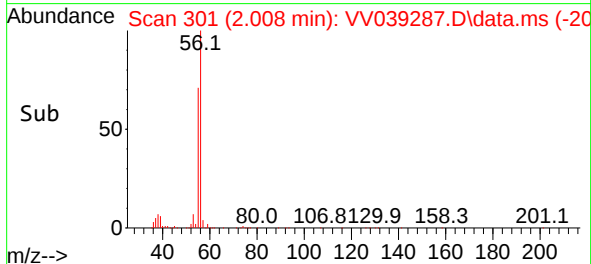
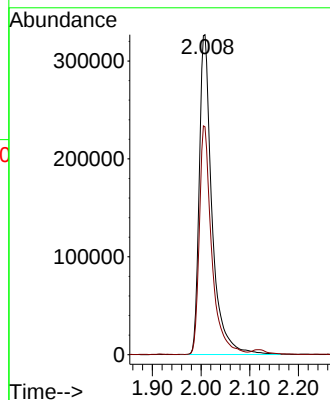
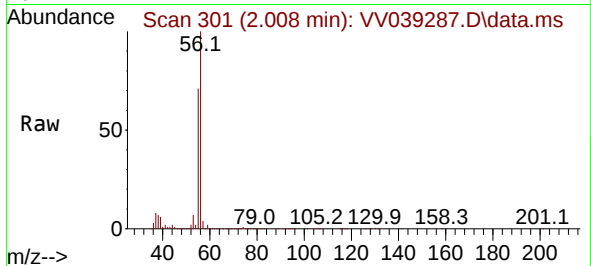




#13
Acrolein
Concen: 506.663 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

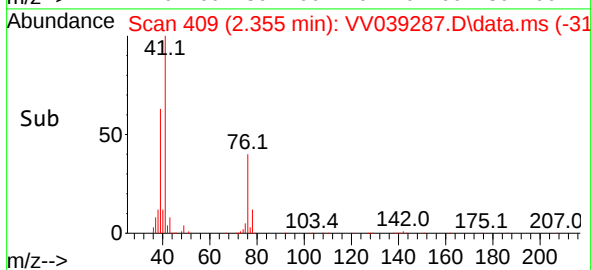
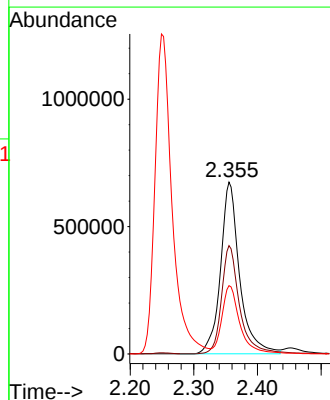
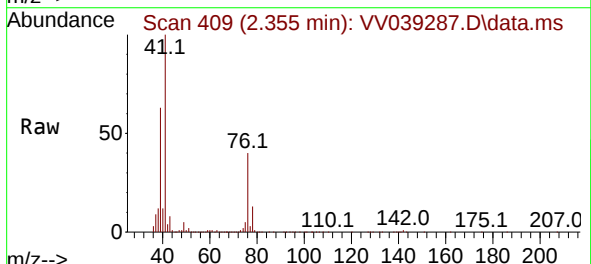
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

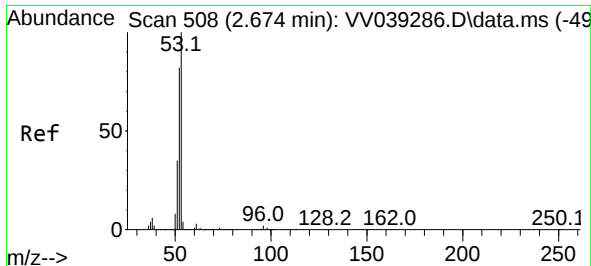
Tgt Ion: 56 Resp: 596300
Ion Ratio Lower Upper
56 100
55 69.6 56.2 84.4



#14
Allyl chloride
Concen: 87.845 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 41 Resp: 1407616
Ion Ratio Lower Upper
41 100
39 59.8 47.8 71.6
76 37.6 30.2 45.2



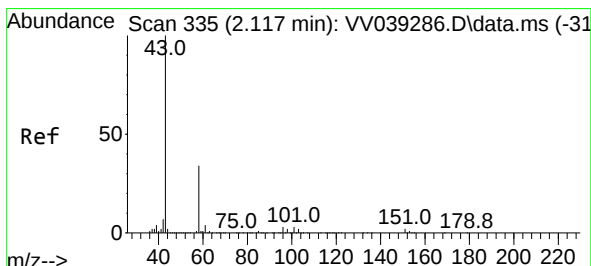
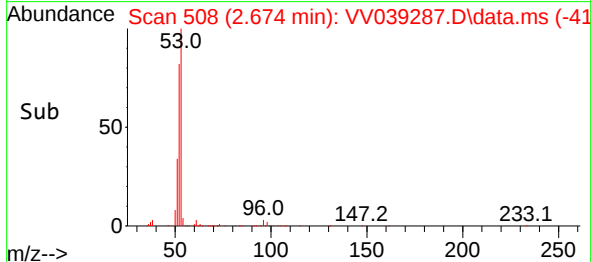
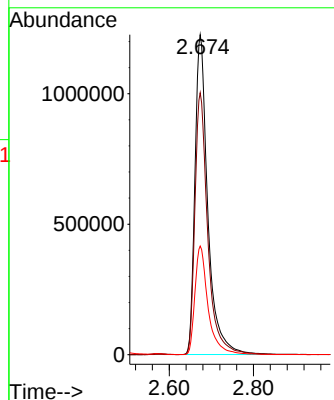
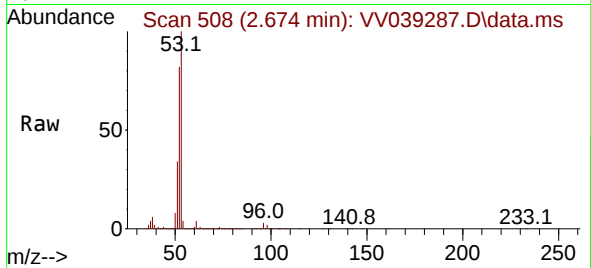


#15
Acrylonitrile
Concen: 423.939 ug/l
RT: 2.674 min Scan# 508
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 53 Resp: 2595364

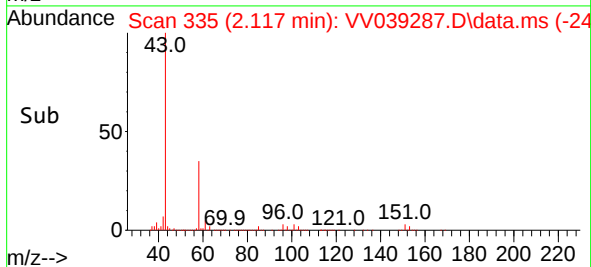
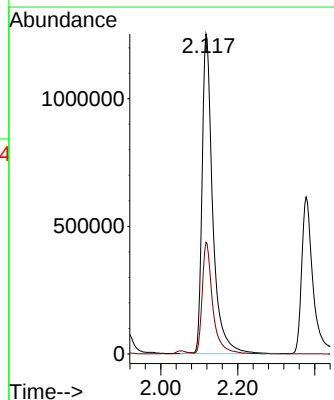
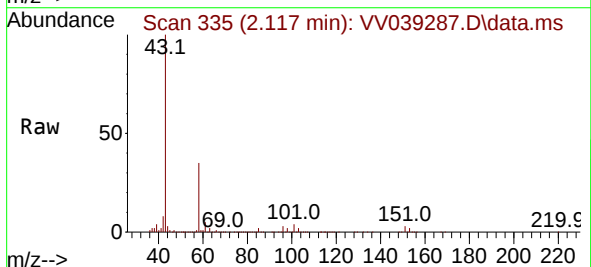
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.0	97.6
51	34.7	27.9	41.9

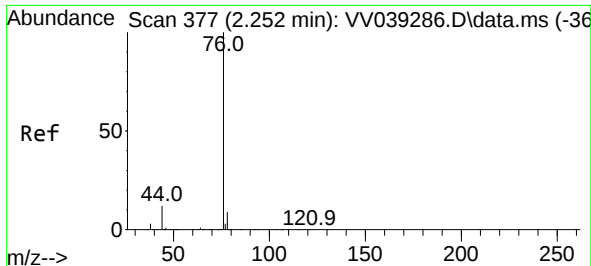


#16
Acetone
Concen: 495.727 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 43 Resp: 2403719

Ion	Ratio	Lower	Upper
43	100		
58	34.9	27.5	41.3

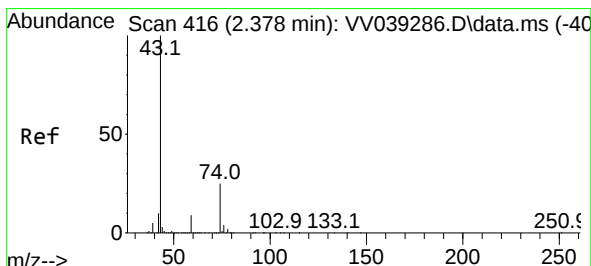
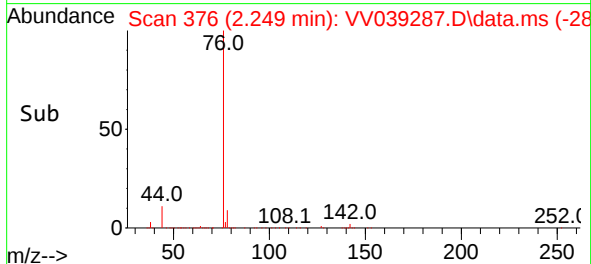
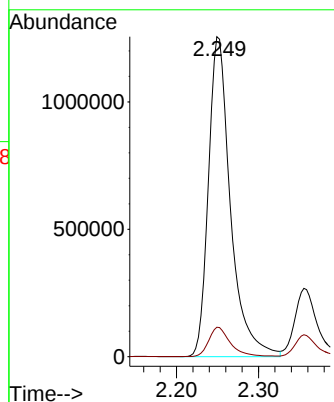
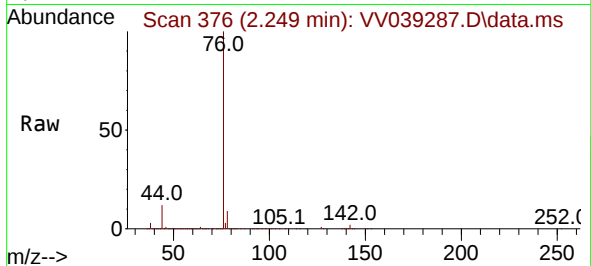




#17
Carbon Disulfide
Concen: 82.192 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

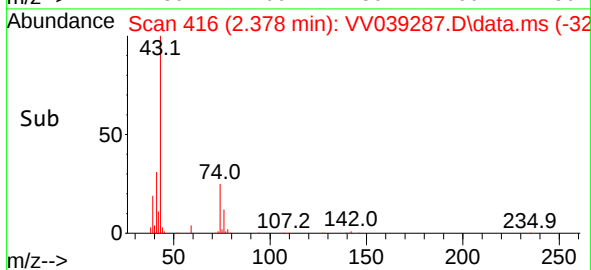
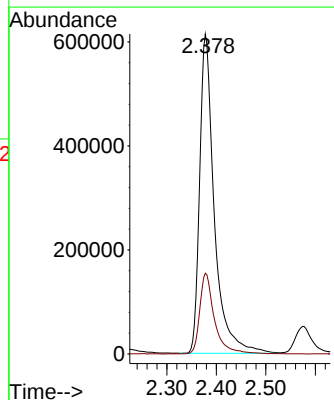
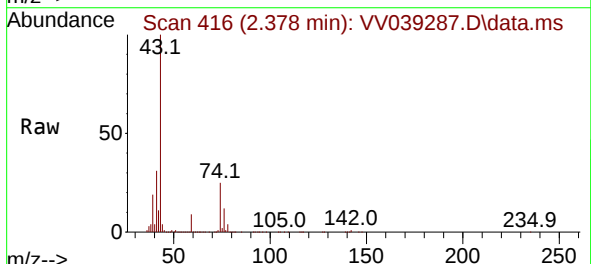
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

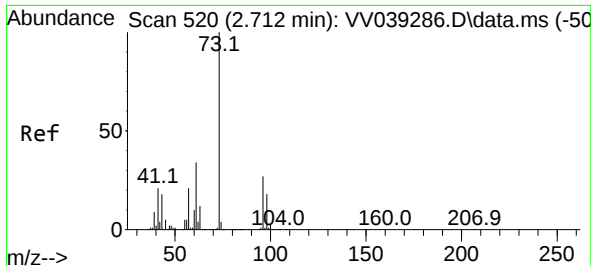
Tgt Ion: 76 Resp: 2346685
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 91.610 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 43 Resp: 1264520
Ion Ratio Lower Upper
43 100
74 25.2 19.5 29.3

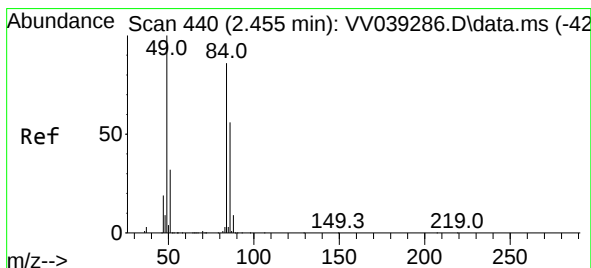
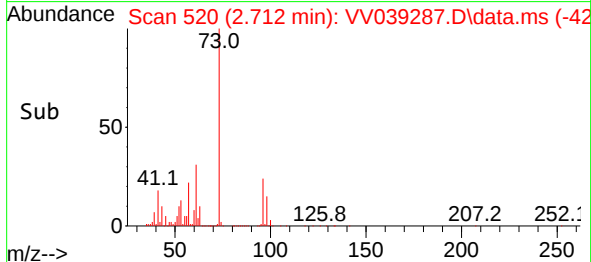
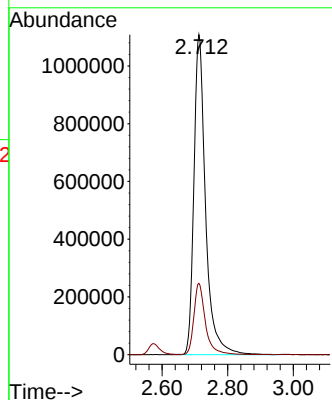
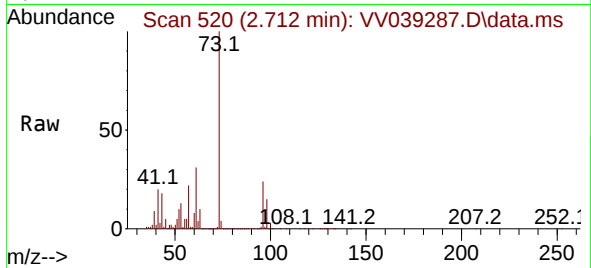




#19
Methyl tert-butyl Ether
Concen: 89.783 ug/l
RT: 2.712 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

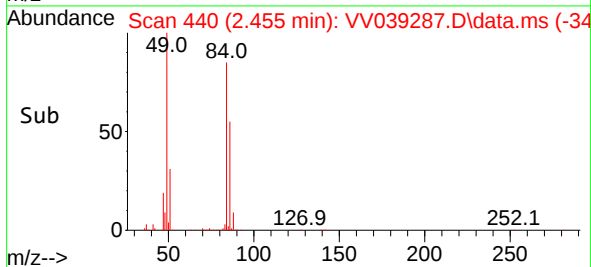
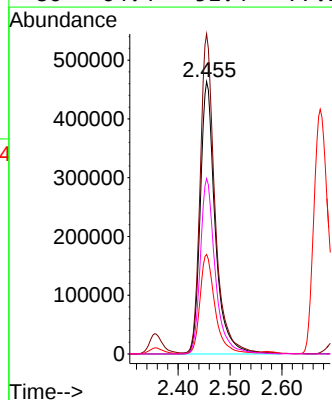
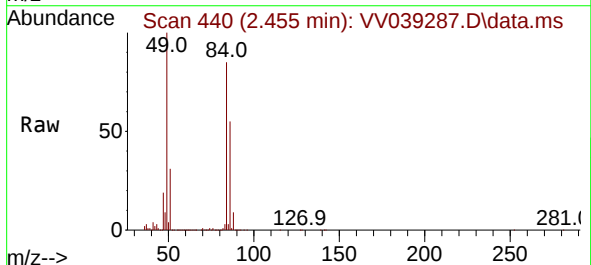
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

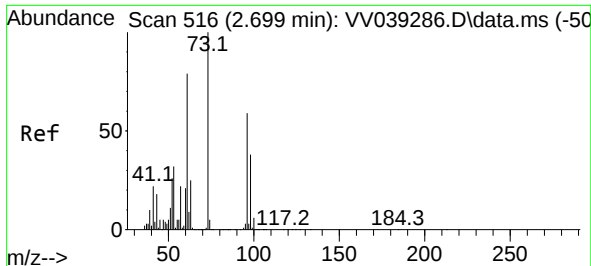
Tgt Ion: 73 Resp: 2731645
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.6



#20
Methylene Chloride
Concen: 99.824 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 84 Resp: 922846
Ion Ratio Lower Upper
84 100
49 117.2 92.6 139.0
51 36.4 29.6 44.4
86 64.4 51.4 77.2

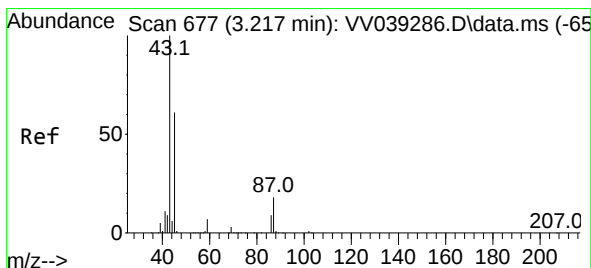
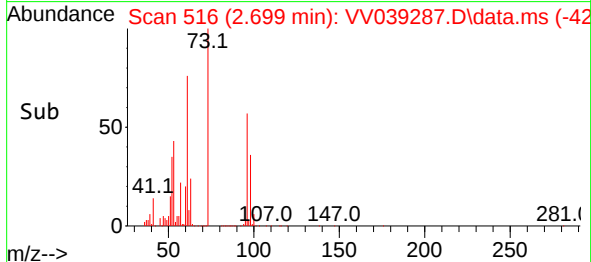
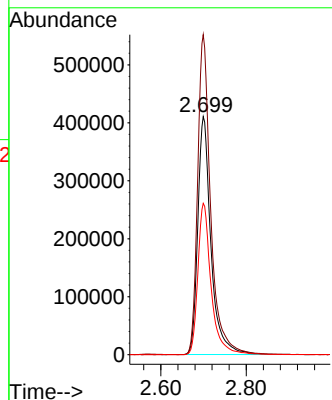
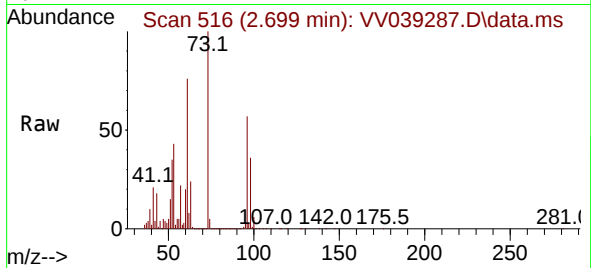




#21
trans-1,2-Dichloroethene
Concen: 82.721 ug/l
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

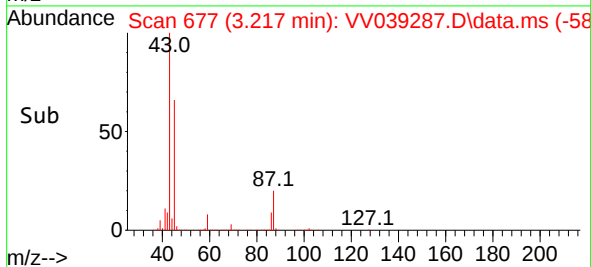
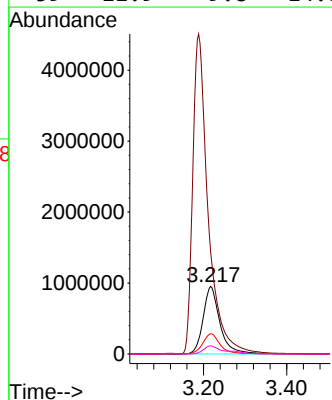
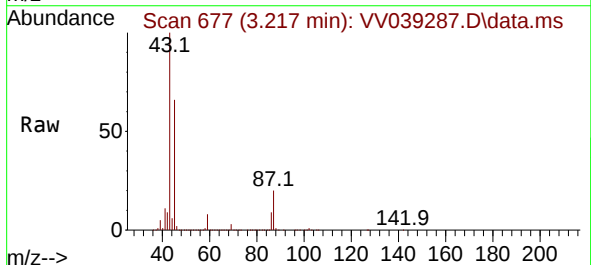
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

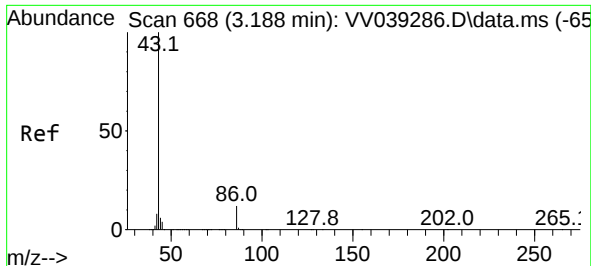
Tgt Ion: 96 Resp: 880398
Ion Ratio Lower Upper
96 100
61 134.5 106.8 160.2
98 63.6 51.1 76.7



#22
Diisopropyl ether
Concen: 92.580 ug/l
RT: 3.217 min Scan# 677
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 45 Resp: 2663473
Ion Ratio Lower Upper
45 100
43 151.6 130.8 196.2
87 29.8 23.8 35.8
59 11.9 9.8 14.8

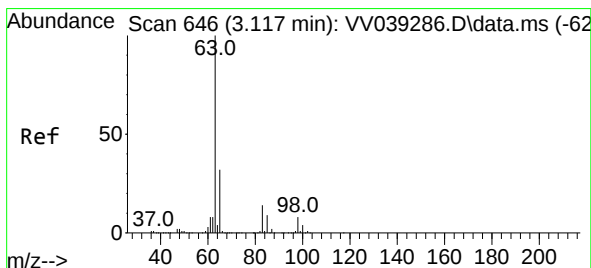
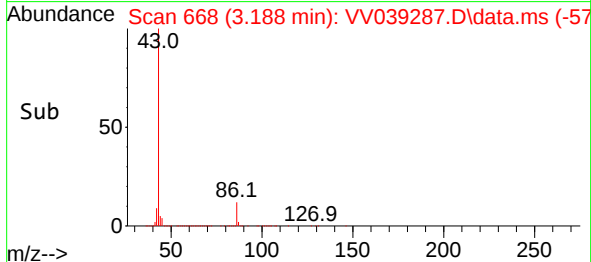
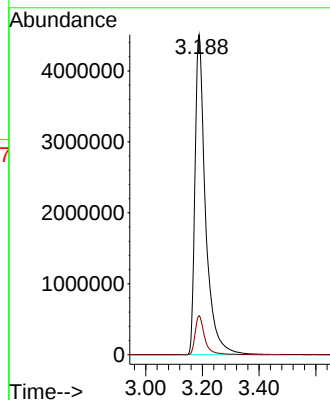
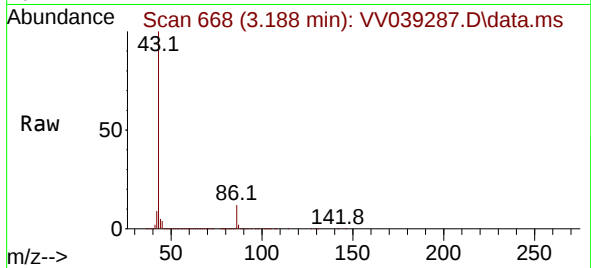




#23
 Vinyl Acetate
 Concen: 461.373 ug/l
 RT: 3.188 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: VV039287.D
 Acq: 07 Oct 2025 11:32

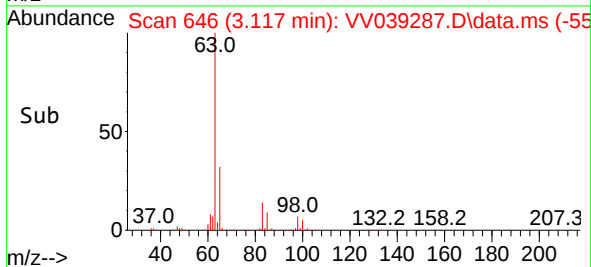
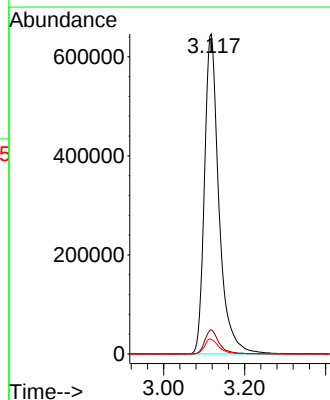
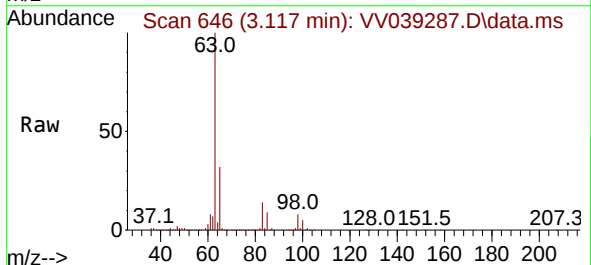
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

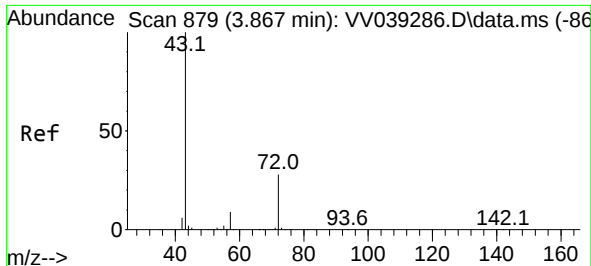
Tgt Ion: 43 Resp:11652736
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 82.946 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV039287.D
 Acq: 07 Oct 2025 11:32

Tgt Ion: 63 Resp: 1598702
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.0
 100 4.6 2.3 6.8

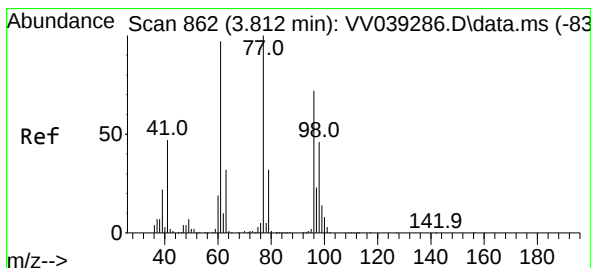
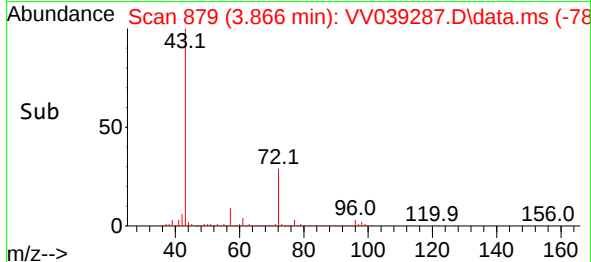
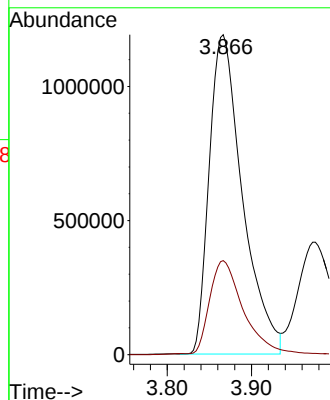
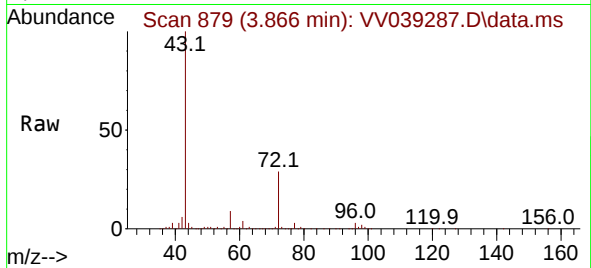




#25
2-Butanone
Concen: 502.401 ug/l
RT: 3.866 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

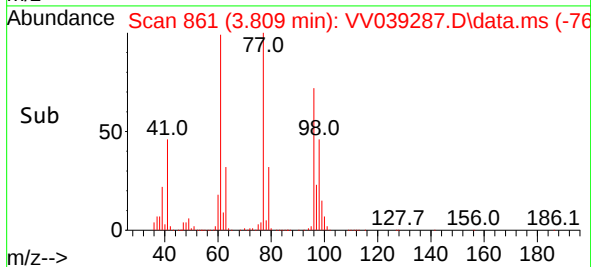
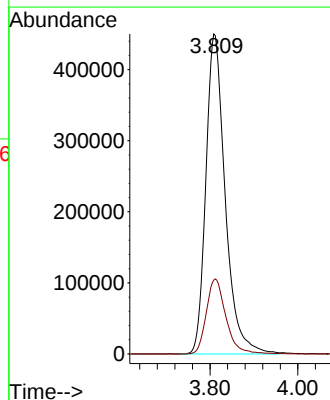
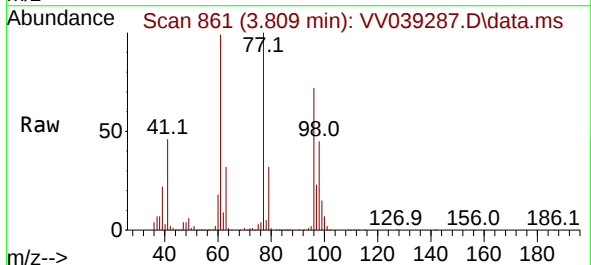
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

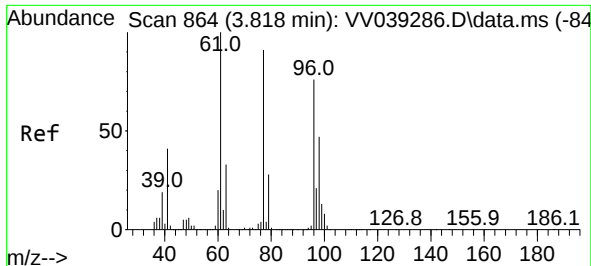
Tgt Ion: 43 Resp: 3263476
Ion Ratio Lower Upper
43 100
72 29.1 22.6 34.0



#26
2,2-Dichloropropane
Concen: 88.606 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 77 Resp: 1375516
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.8



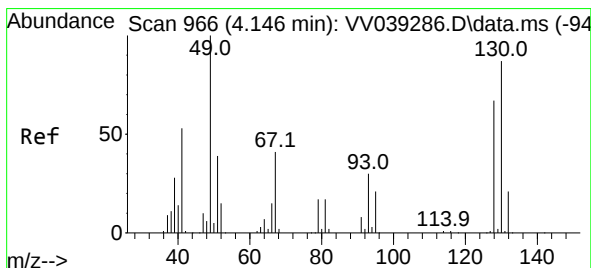
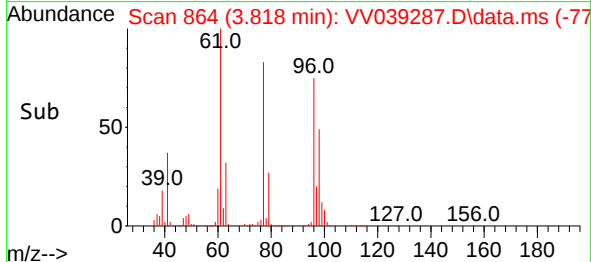
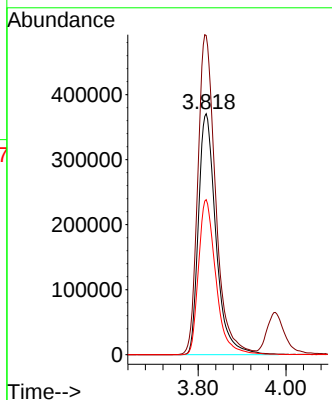
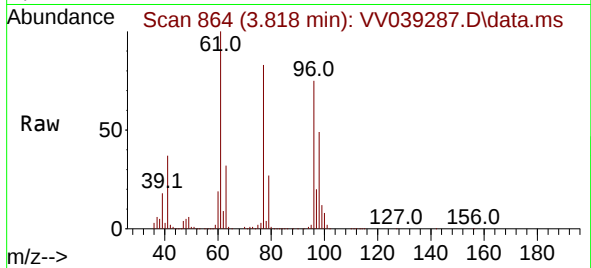


#27
 cis-1,2-Dichloroethene
 Concen: 96.076 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV039287.D
 Acq: 07 Oct 2025 11:32

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 1023815

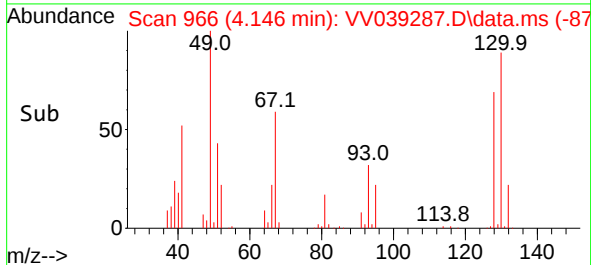
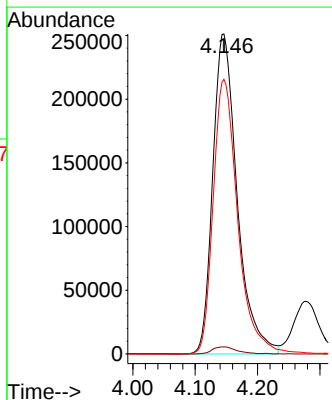
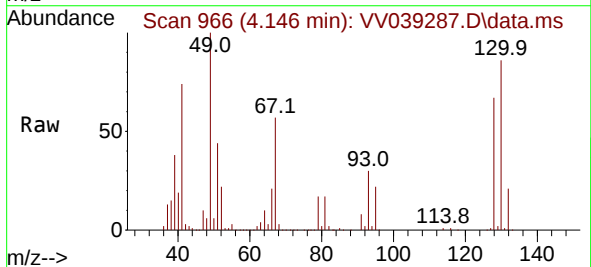
Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	275.0
98	64.0	0.0	127.8

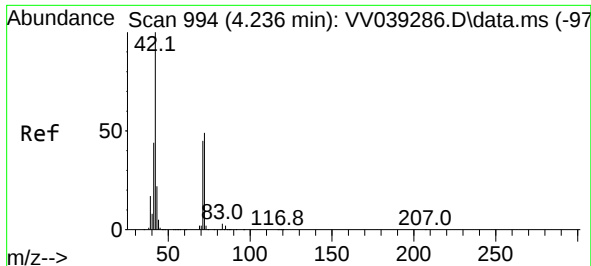


#28
 Bromochloromethane
 Concen: 81.134 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. -0.000 min
 Lab File: VV039287.D
 Acq: 07 Oct 2025 11:32

Tgt Ion: 49 Resp: 683408

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	86.5	69.5	104.3





#29

Tetrahydrofuran

Concen: 504.695 ug/l

RT: 4.236 min Scan# 994

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

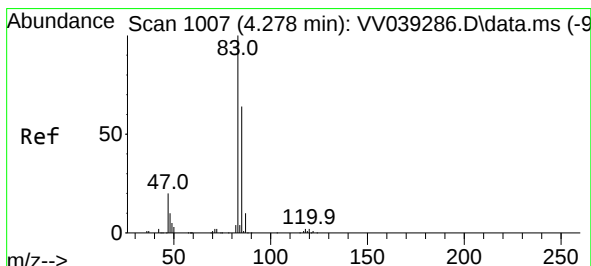
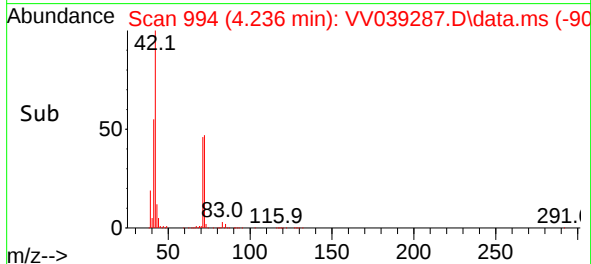
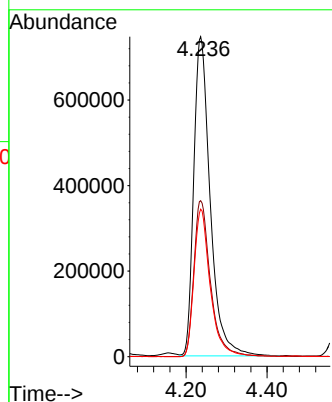
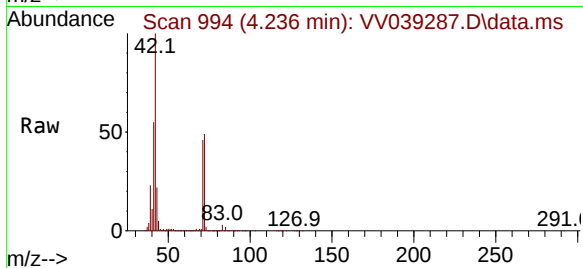
MSVOA_V

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 2101591

Ion	Ratio	Lower	Upper
42	100		
72	49.4	39.8	59.8
71	45.8	36.5	54.7



#30

Chloroform

Concen: 84.599 ug/l

RT: 4.278 min Scan# 1007

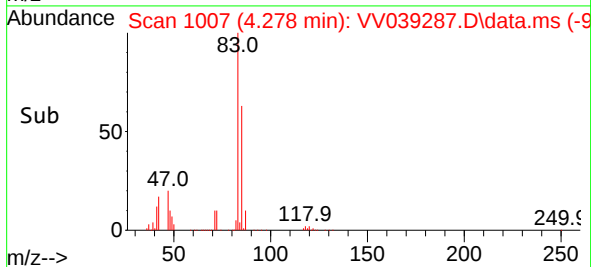
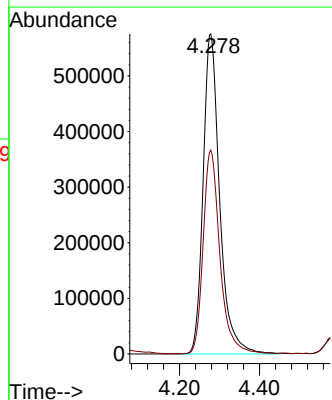
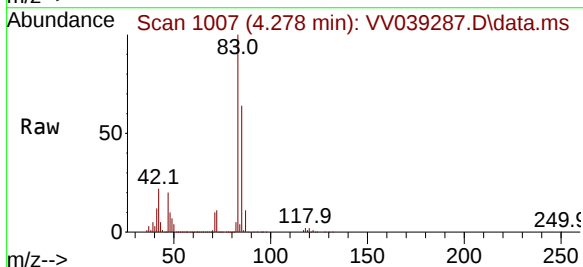
Delta R.T. -0.000 min

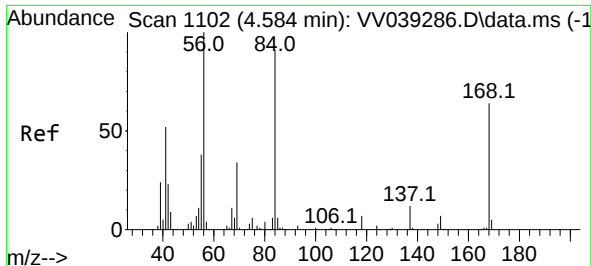
Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Tgt Ion: 83 Resp: 1662798

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.1	76.7

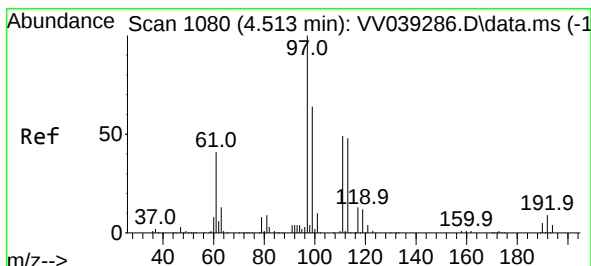
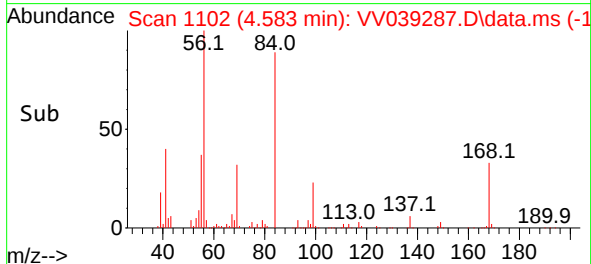
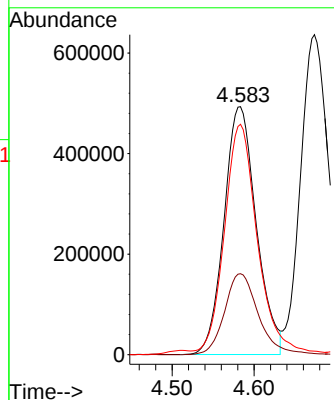
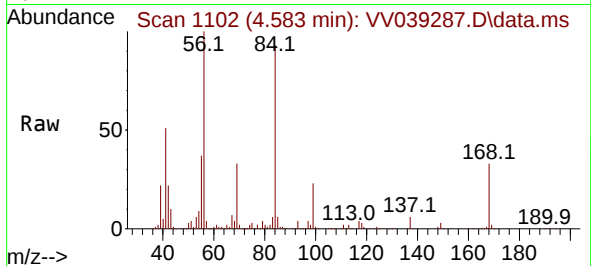




#31
Cyclohexane
Concen: 95.992 ug/l
RT: 4.583 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

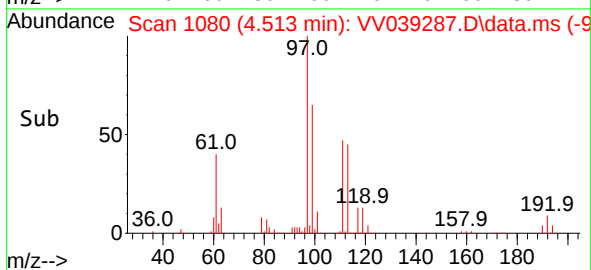
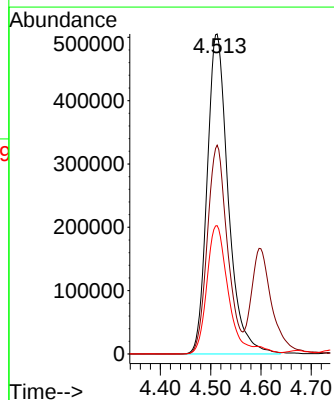
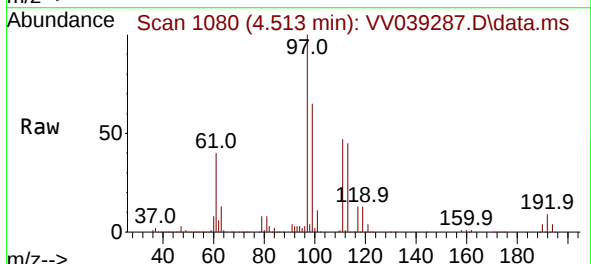
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

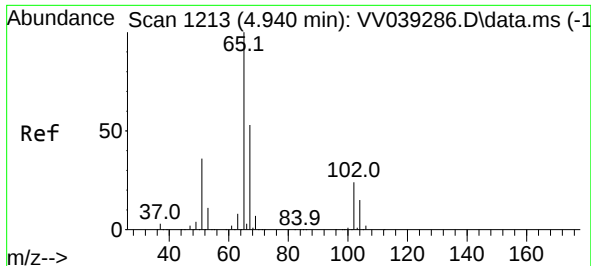
Tgt Ion: 56 Resp: 1347579
Ion Ratio Lower Upper
56 100
69 32.7 27.4 41.0
84 91.2 72.8 109.2



#32
1,1,1-Trichloroethane
Concen: 85.587 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 97 Resp: 1470824
Ion Ratio Lower Upper
97 100
99 62.1 48.6 72.8
61 40.0 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 92.521 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

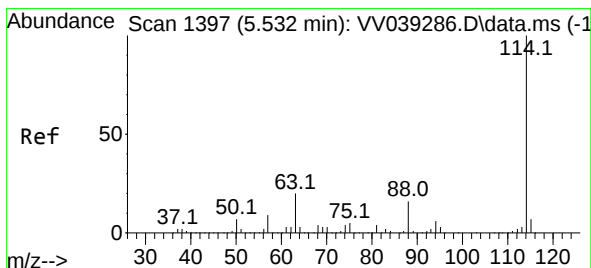
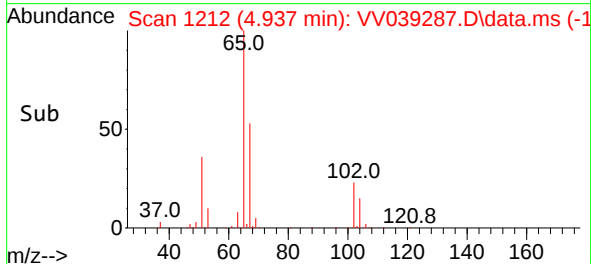
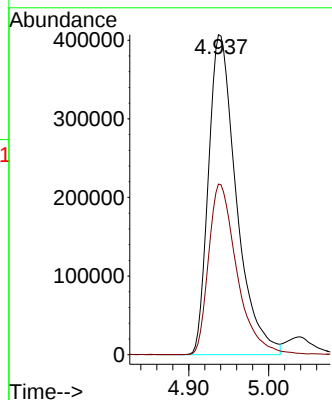
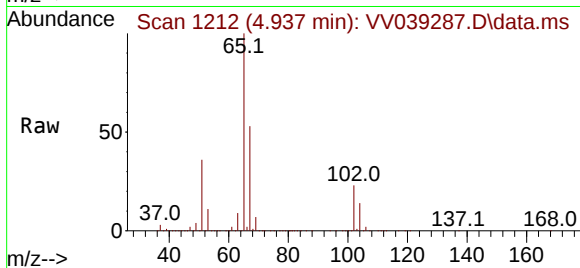
VSTDIC100

Tgt Ion: 65 Resp: 985564

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

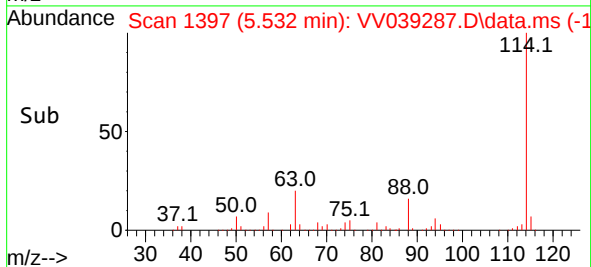
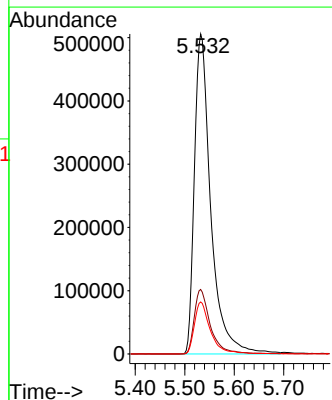
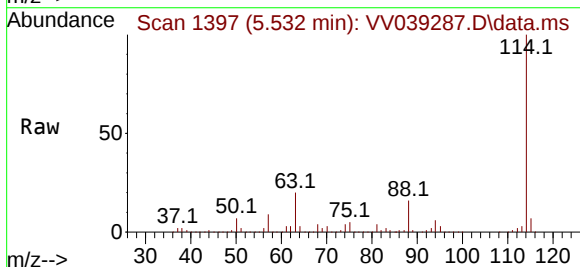
Tgt Ion: 114 Resp: 1167657

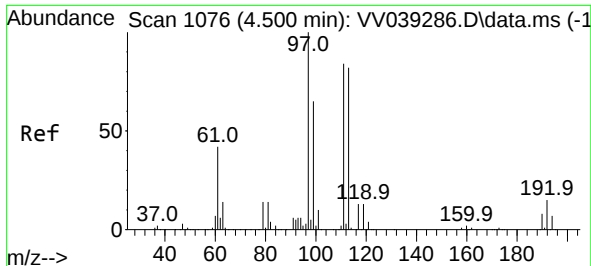
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 16.3 0.0 31.6

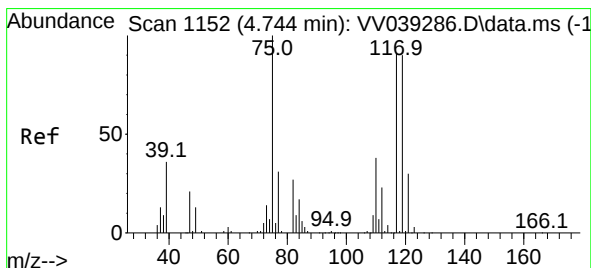
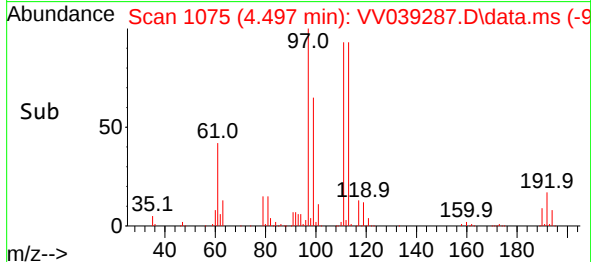
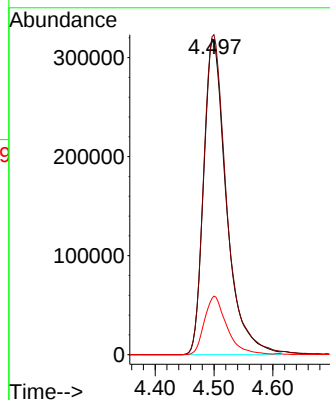
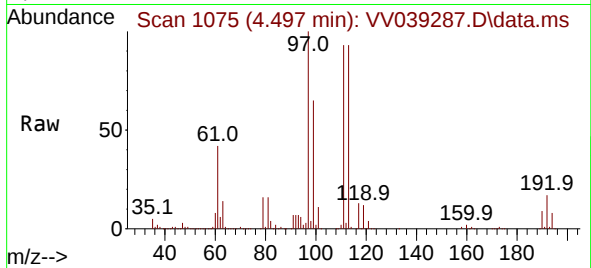




#35
Dibromofluoromethane
Concen: 93.282 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

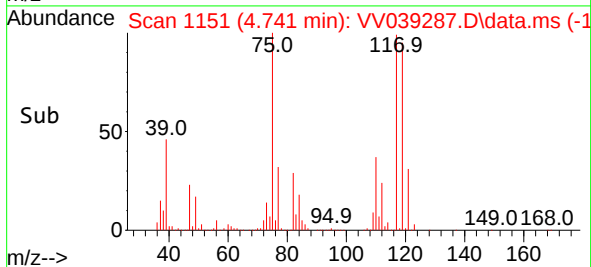
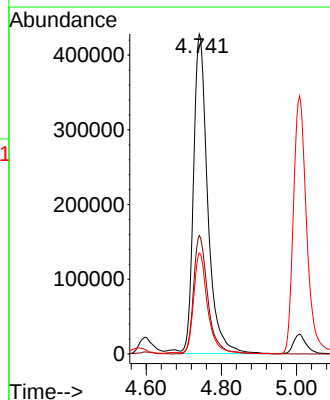
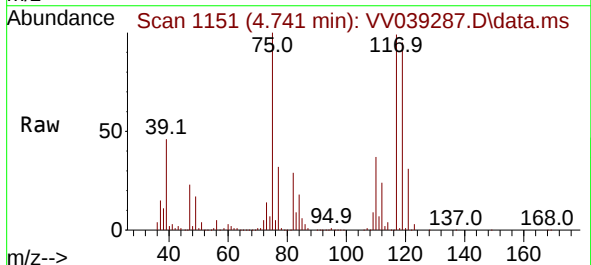
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

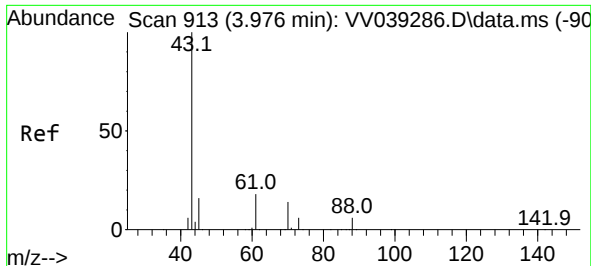
Tgt Ion:113 Resp: 858226
Ion Ratio Lower Upper
113 100
111 102.8 82.0 123.0
192 18.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 97.224 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 75 Resp: 1123479
Ion Ratio Lower Upper
75 100
110 37.3 18.9 56.7
77 30.5 24.1 36.1





#37

Ethyl Acetate

Concen: 91.123 ug/l

RT: 3.973 min Scan# 91

Delta R.T. -0.003 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

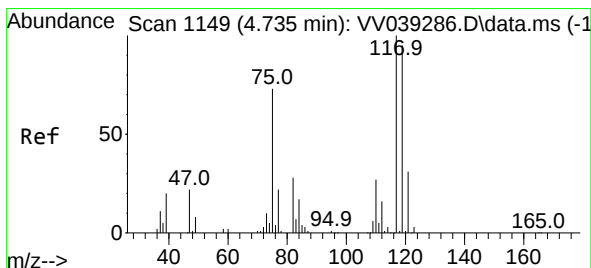
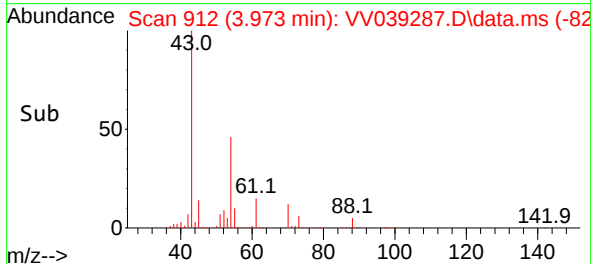
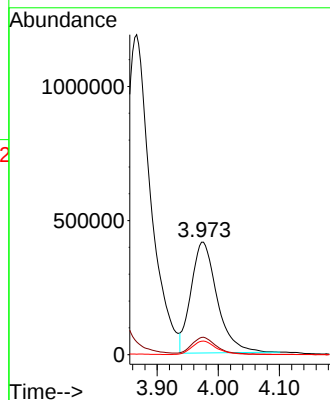
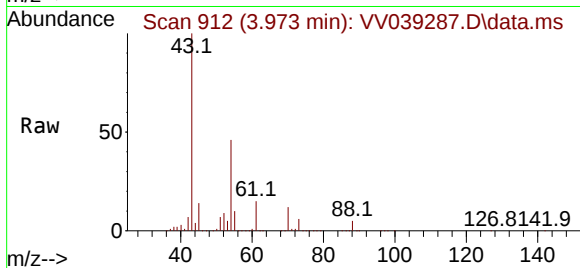
MSVOA_V

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 1228696

Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.2	18.2
70	11.3	9.0	13.4



#38

Carbon Tetrachloride

Concen: 87.445 ug/l

RT: 4.735 min Scan# 1149

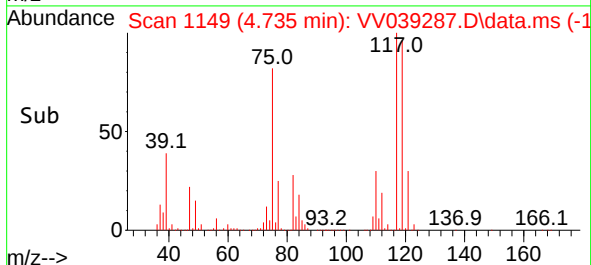
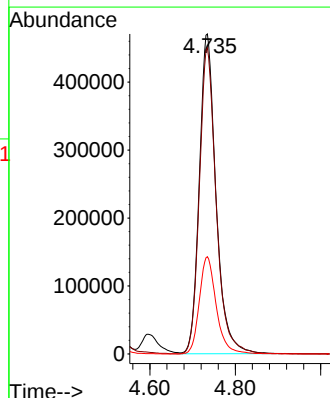
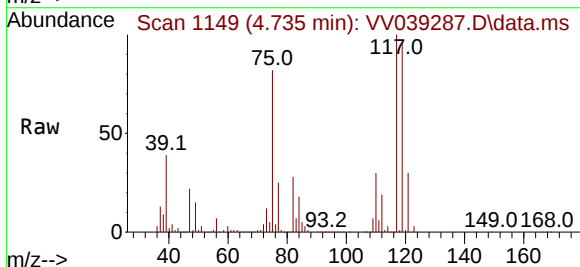
Delta R.T. -0.000 min

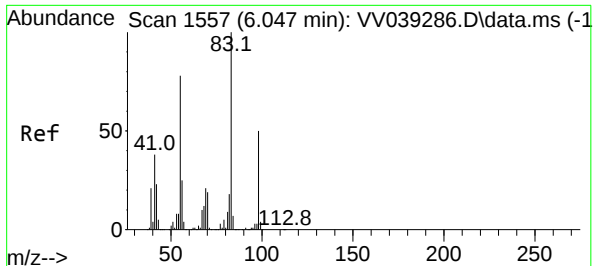
Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Tgt Ion: 117 Resp: 1280814

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.9	113.9
121	30.4	24.6	37.0





#39

Methylcyclohexane

Concen: 110.972 ug/l

RT: 6.046 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

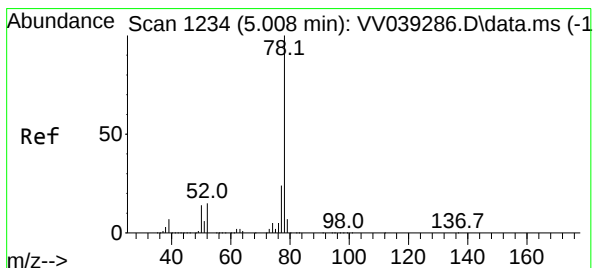
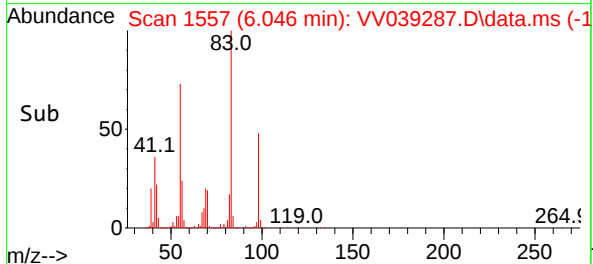
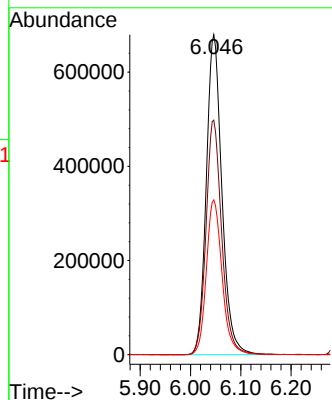
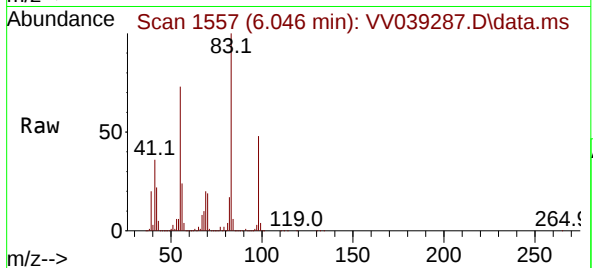
MSVOA_V

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 1465584

Ion	Ratio	Lower	Upper
83	100		
55	73.3	62.1	93.1
98	48.3	40.2	60.4



#40

Benzene

Concen: 94.814 ug/l

RT: 5.008 min Scan# 1234

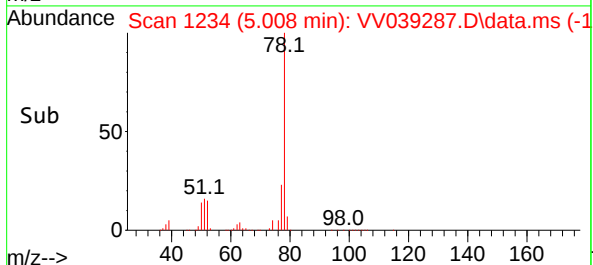
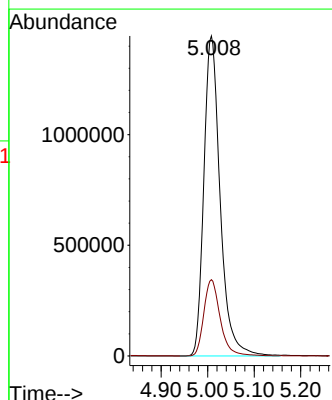
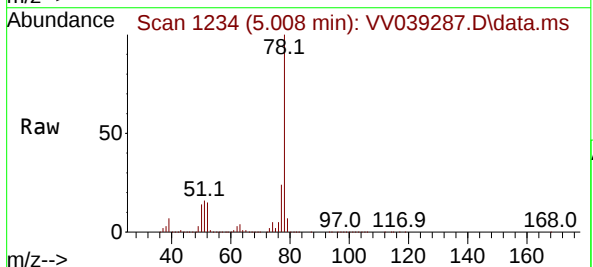
Delta R.T. -0.000 min

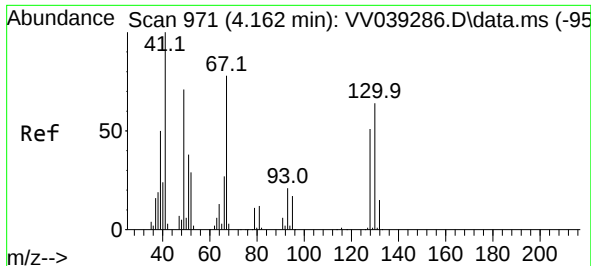
Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Tgt Ion: 78 Resp: 3515685

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.9	28.3



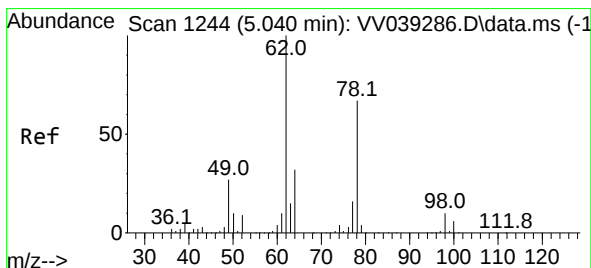
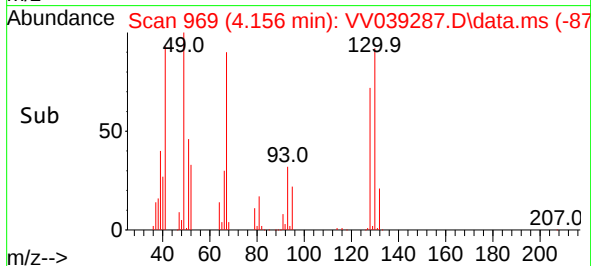
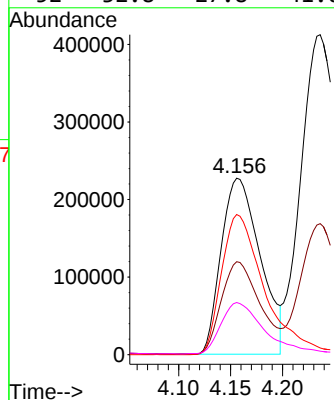
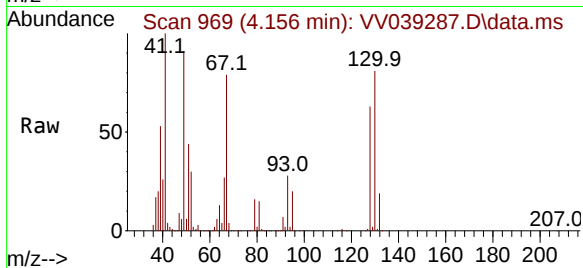


#41
Methacrylonitrile
Concen: 100.873 ug/l
RT: 4.156 min Scan# 91
Delta R.T. -0.007 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 593957

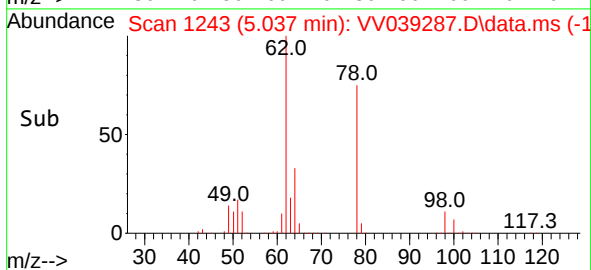
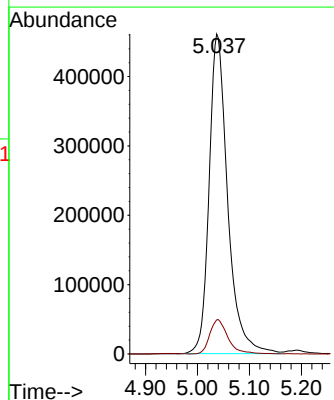
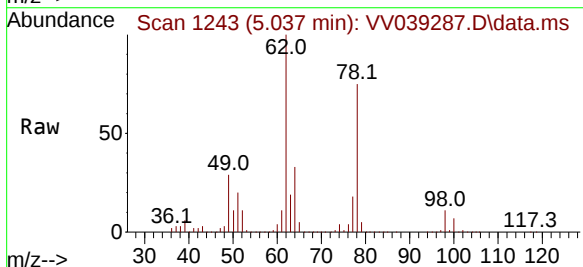
Ion	Ratio	Lower	Upper
41	100		
39	51.7	40.9	61.3
67	88.7	73.1	109.7
52	32.8	27.8	41.6

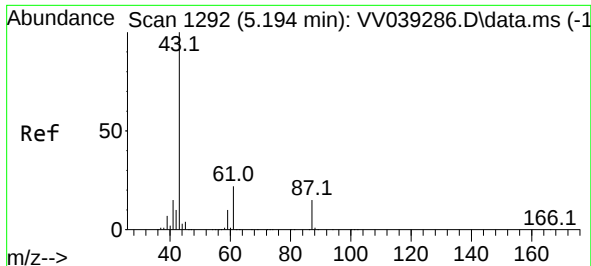


#42
1,2-Dichloroethane
Concen: 87.944 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 62 Resp: 1144477

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.0

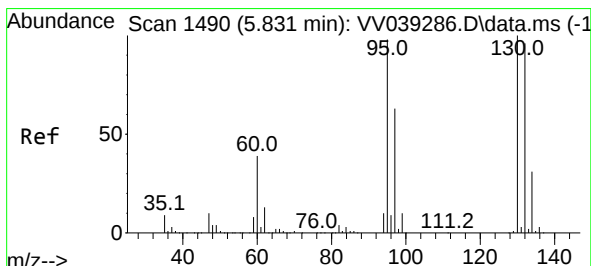
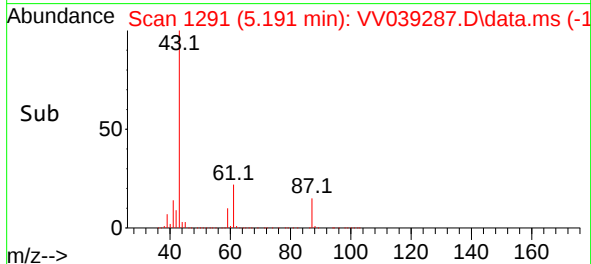
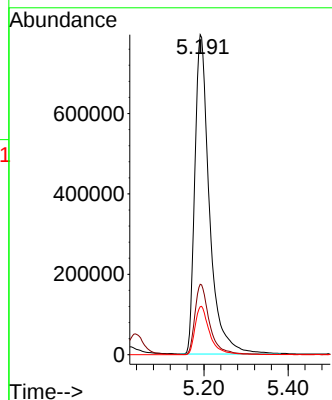
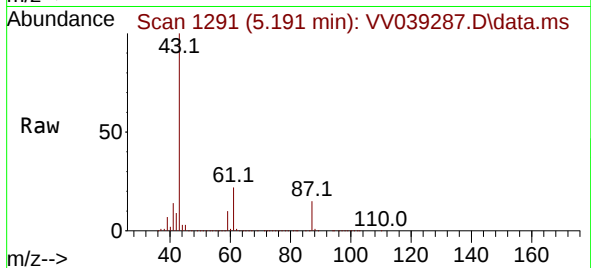




#43
Isopropyl Acetate
Concen: 103.569 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

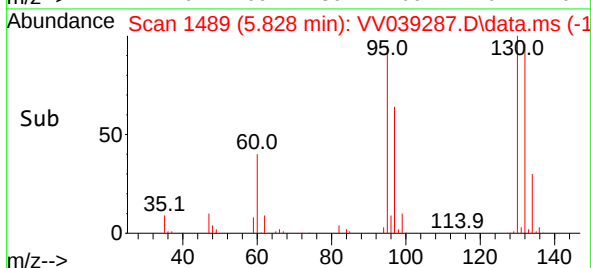
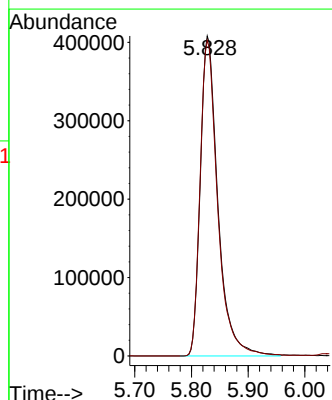
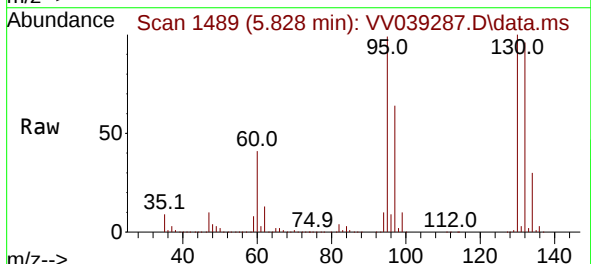
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

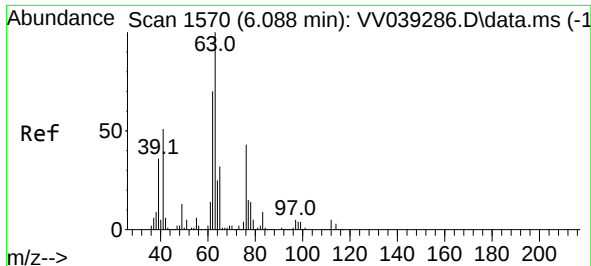
Tgt Ion: 43 Resp: 1908455
Ion Ratio Lower Upper
43 100
61 21.9 17.1 25.7
87 15.1 11.5 17.3



#44
Trichloroethene
Concen: 94.495 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion:130 Resp: 881129
Ion Ratio Lower Upper
130 100
95 98.7 0.0 196.6





#45

1,2-Dichloropropane

Concen: 96.798 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

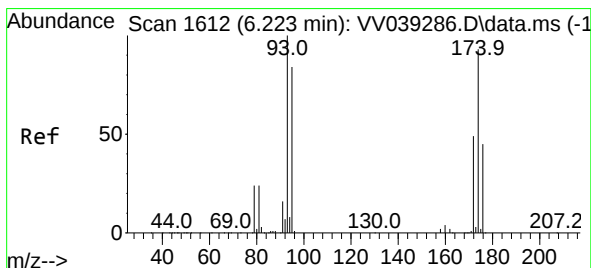
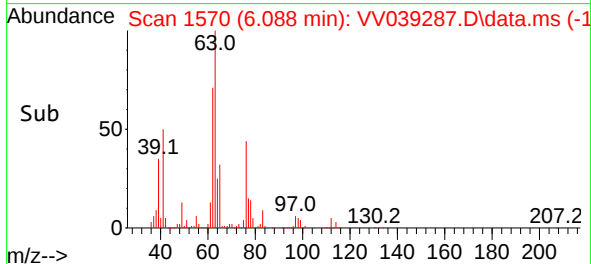
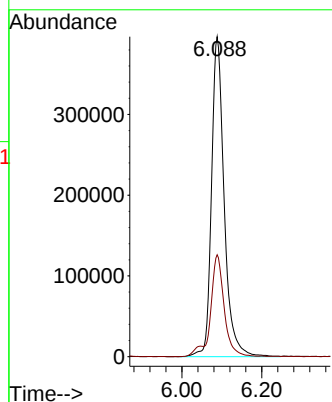
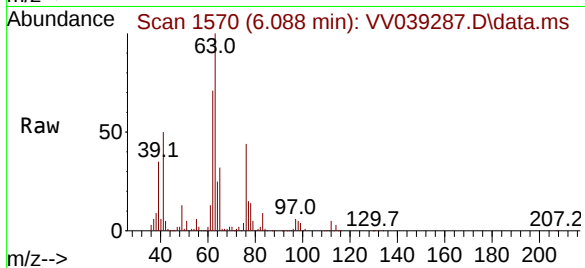
VSTDICC100

Tgt Ion: 63 Resp: 873398

Ion Ratio Lower Upper

63 100

65 31.8 25.4 38.2



#46

Dibromomethane

Concen: 88.707 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

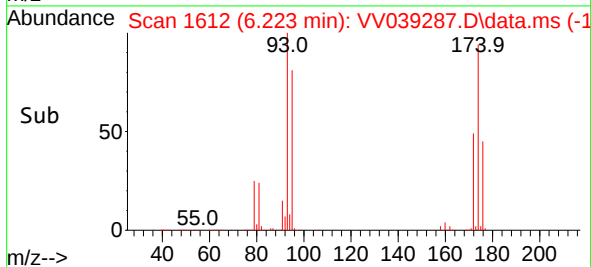
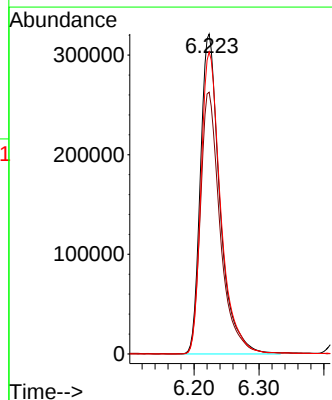
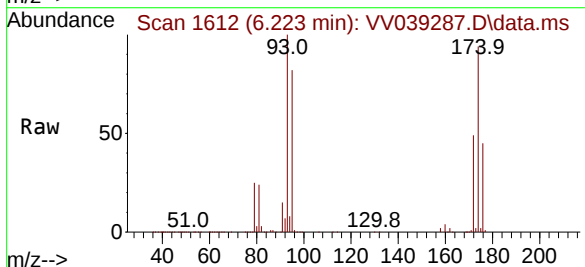
Tgt Ion: 93 Resp: 669010

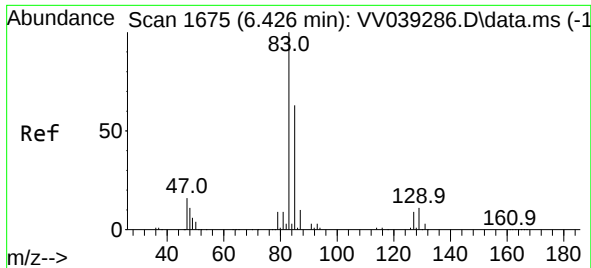
Ion Ratio Lower Upper

93 100

95 82.4 65.6 98.4

174 95.7 74.6 112.0

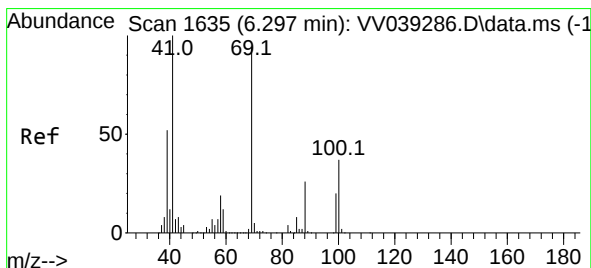
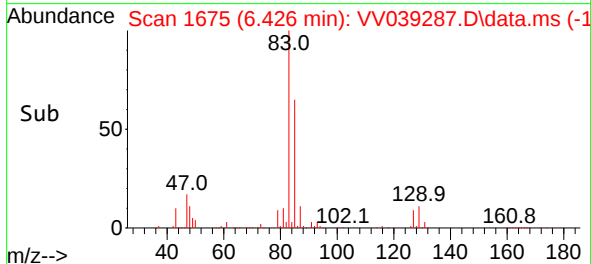
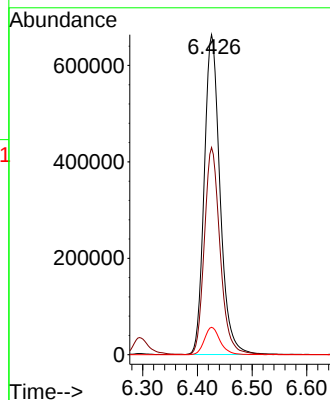
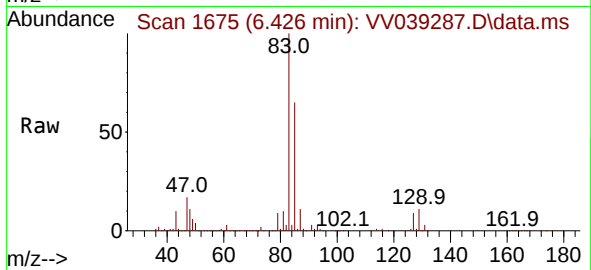




#47
Bromodichloromethane
Concen: 89.570 ug/l
RT: 6.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

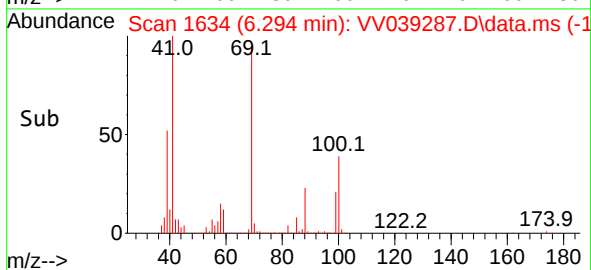
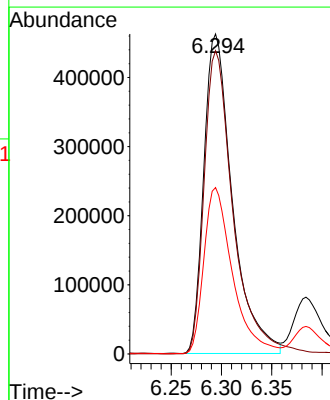
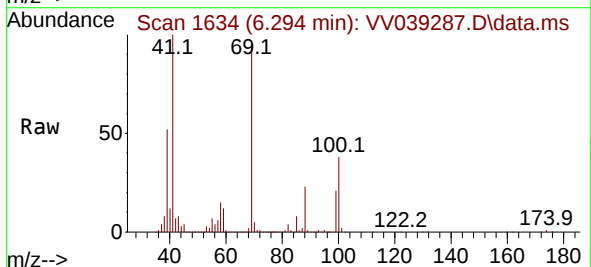
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

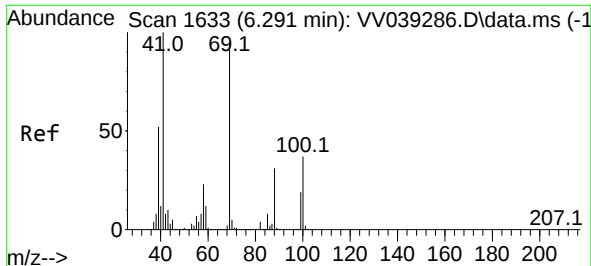
Tgt Ion: 83 Resp: 1331015
Ion Ratio Lower Upper
83 100
85 64.7 50.9 76.3
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 111.494 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 41 Resp: 914826
Ion Ratio Lower Upper
41 100
69 96.8 77.2 115.8
39 52.0 41.4 62.0





#49

1,4-Dioxane

Concen: 2174.580 ug/l

RT: 6.291 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

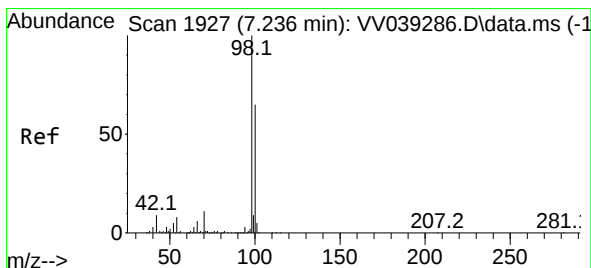
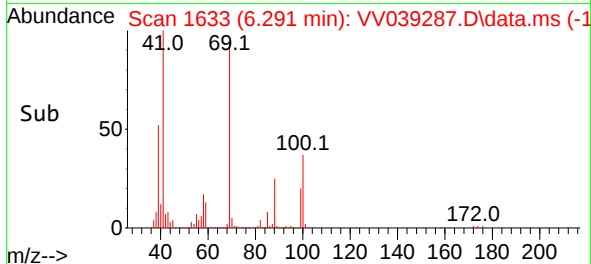
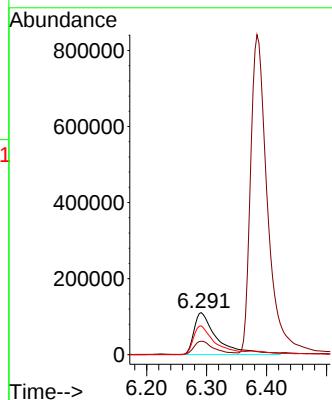
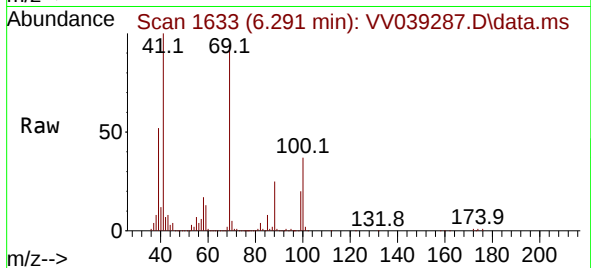
Tgt Ion: 88 Resp: 296818

Ion Ratio Lower Upper

88 100

43 27.8 24.1 36.1

58 63.2 57.6 86.4



#50

Toluene-d8

Concen: 100.146 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV039287.D

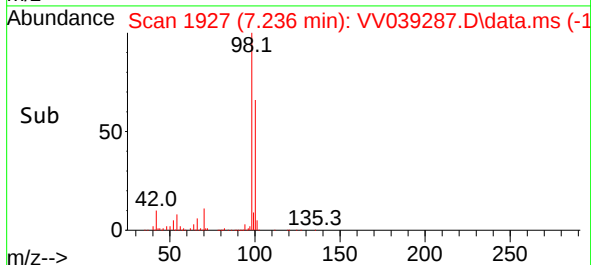
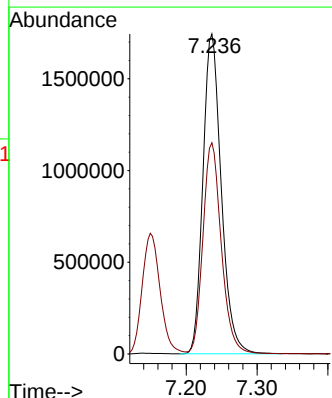
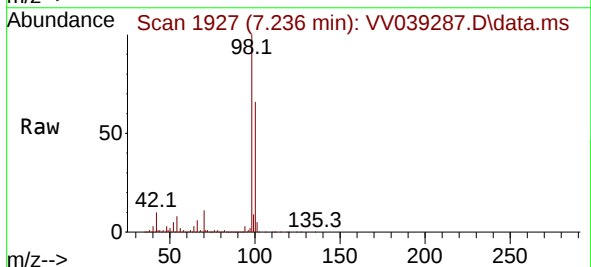
Acq: 07 Oct 2025 11:32

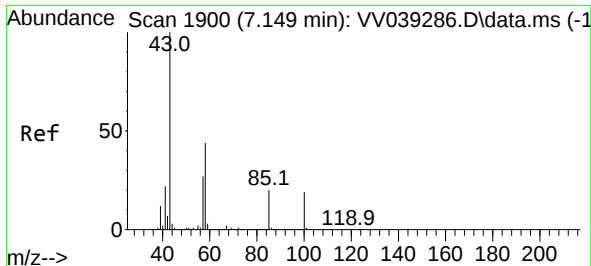
Tgt Ion: 98 Resp: 3134481

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2

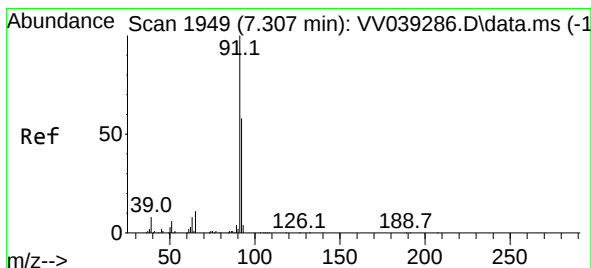
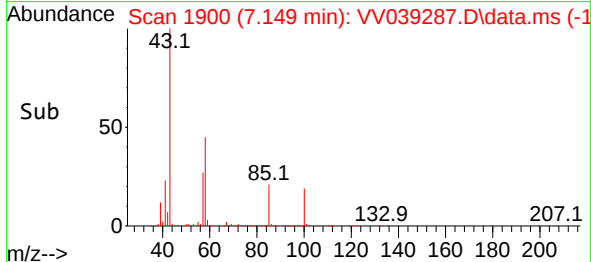
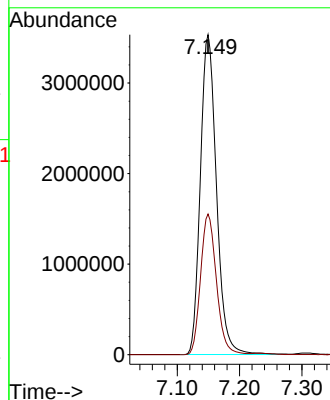
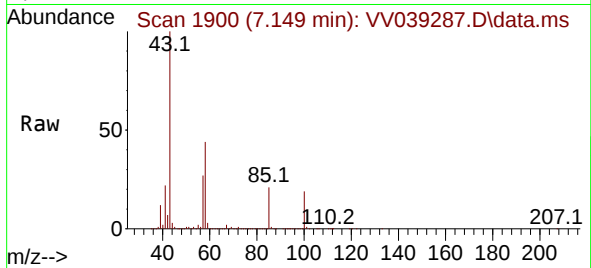




#51
 4-Methyl-2-Pentanone
 Concen: 516.411 ug/l
 RT: 7.149 min Scan# 1900
 Delta R.T. -0.000 min
 Lab File: VV039287.D
 Acq: 07 Oct 2025 11:32

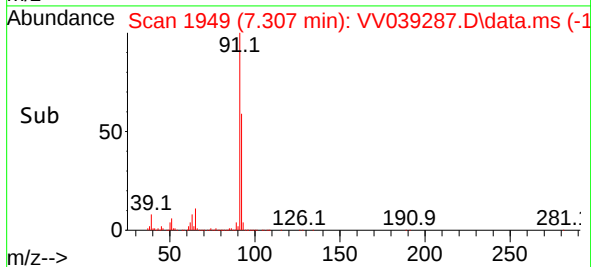
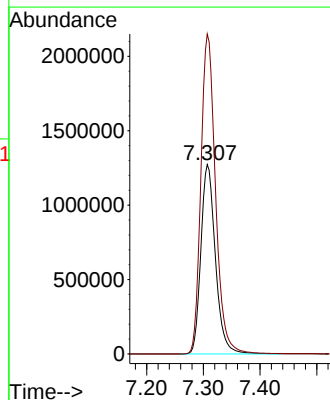
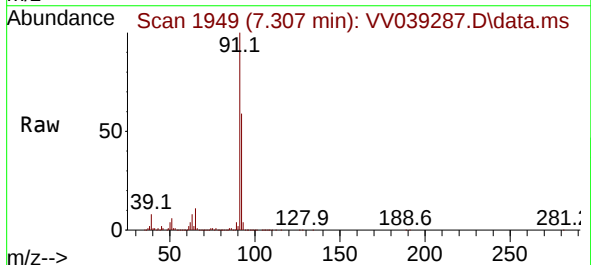
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

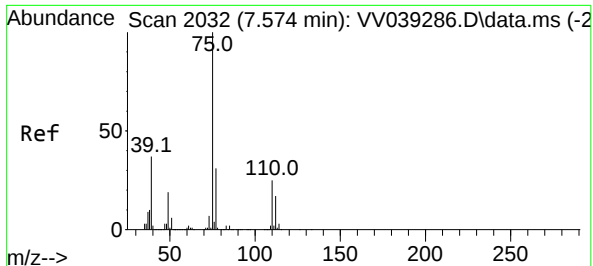
Tgt Ion: 43 Resp: 6345475
 Ion Ratio Lower Upper
 43 100
 58 43.3 34.2 51.4



#52
 Toluene
 Concen: 101.117 ug/l
 RT: 7.307 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VV039287.D
 Acq: 07 Oct 2025 11:32

Tgt Ion: 92 Resp: 2263884
 Ion Ratio Lower Upper
 92 100
 91 170.7 137.3 205.9

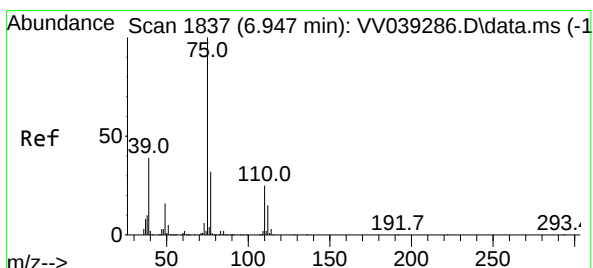
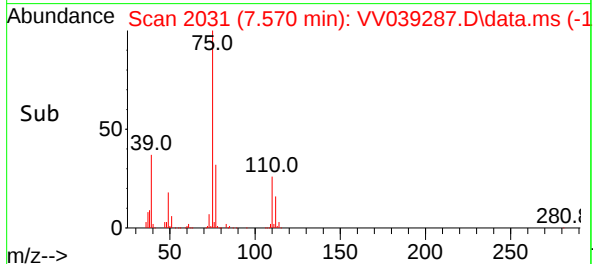
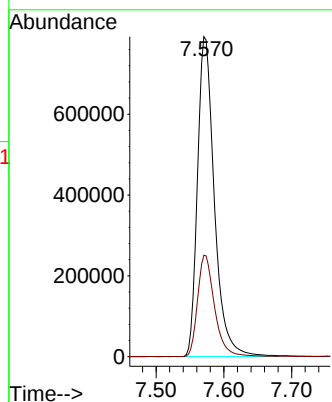
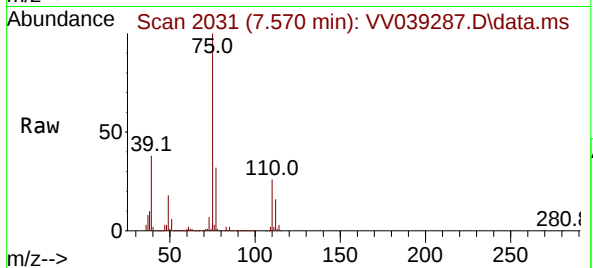




#53
t-1,3-Dichloropropene
Concen: 105.398 ug/l
RT: 7.570 min Scan# 2032
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

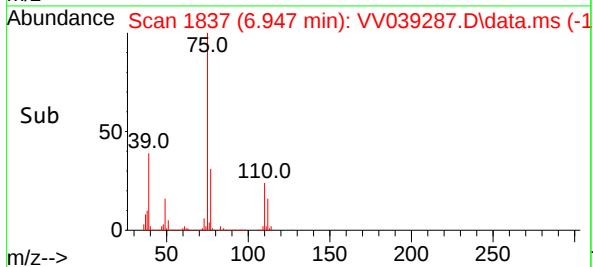
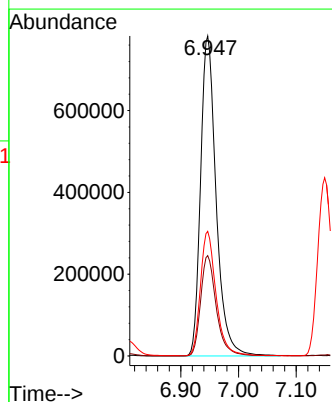
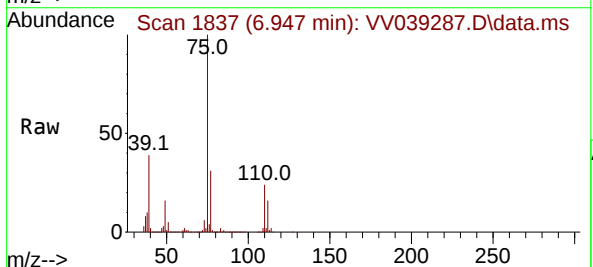
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

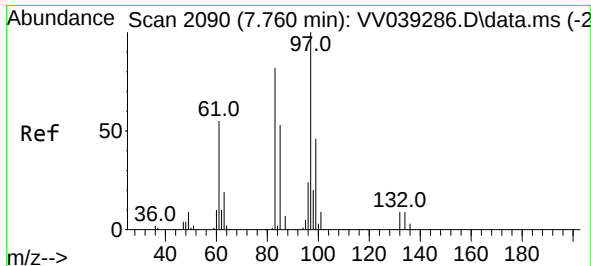
Tgt Ion: 75 Resp: 1368814
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 101.305 ug/l
RT: 6.947 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 75 Resp: 1462703
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
39 38.9 31.0 46.6



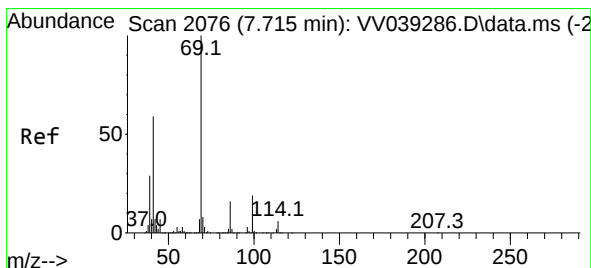
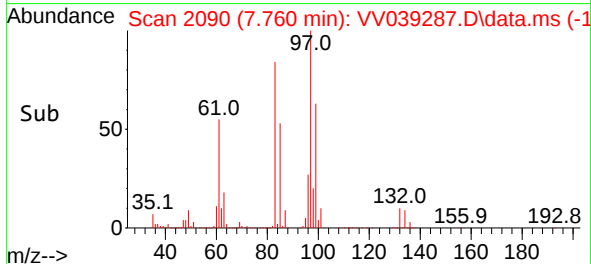
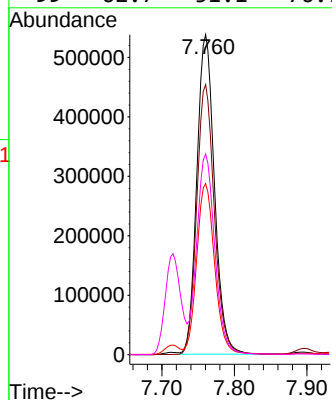
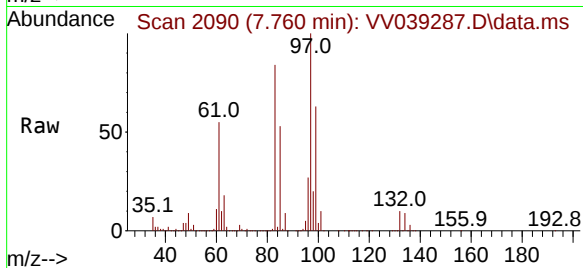


#55
 1,1,2-Trichloroethane
 Concen: 89.760 ug/l
 RT: 7.760 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: VV039287.D
 Acq: 07 Oct 2025 11:32

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion: 97 Resp: 907428

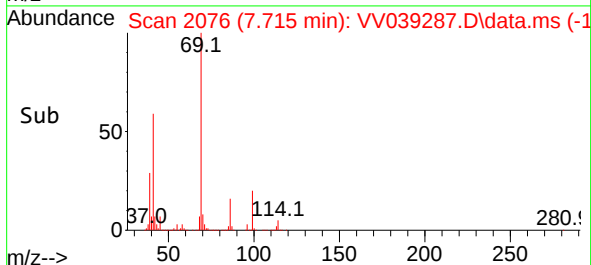
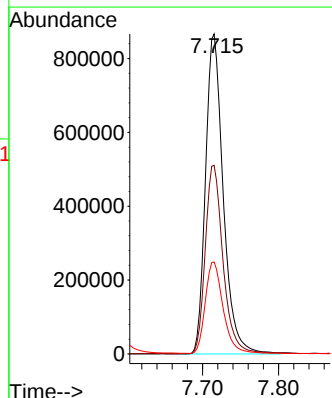
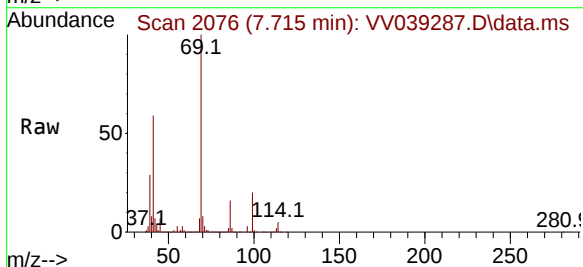
Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.8	98.8
85	53.4	43.3	64.9
99	62.7	51.1	76.7

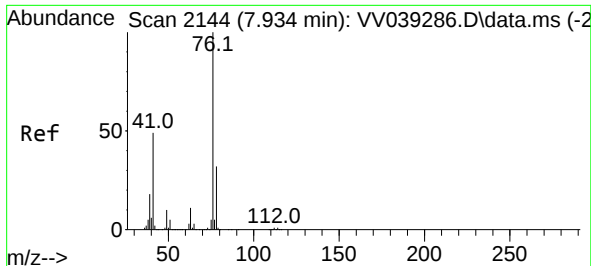


#56
 Ethyl methacrylate
 Concen: 124.375 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: VV039287.D
 Acq: 07 Oct 2025 11:32

Tgt Ion: 69 Resp: 1403788

Ion	Ratio	Lower	Upper
69	100		
41	59.2	47.1	70.7
39	28.8	23.2	34.8

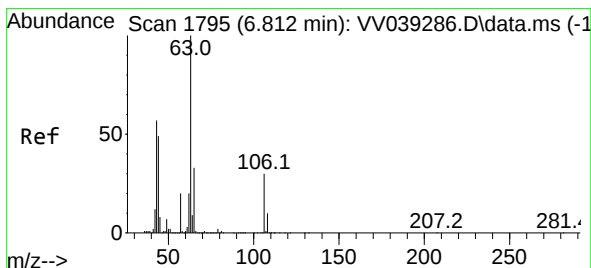
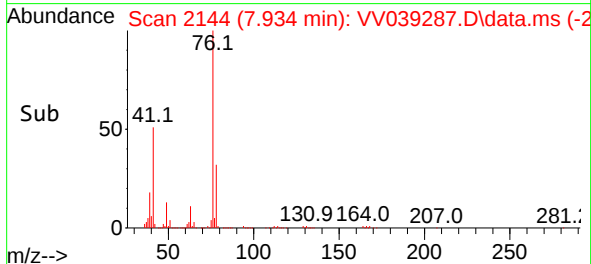
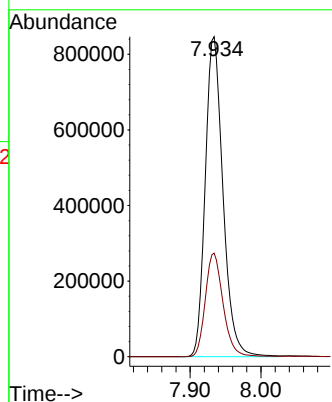
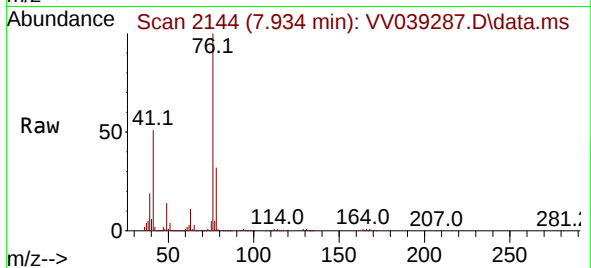




#57
1,3-Dichloropropane
Concen: 96.166 ug/l
RT: 7.934 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

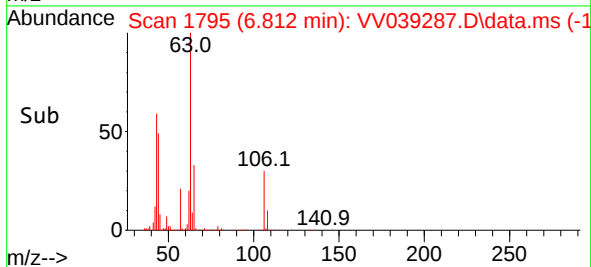
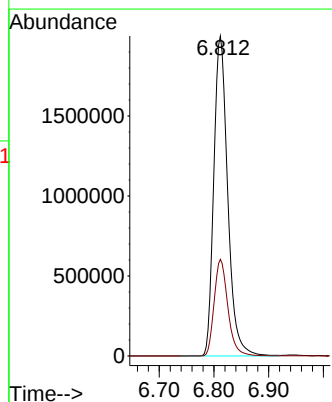
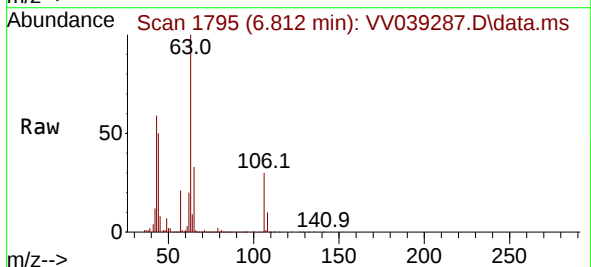
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

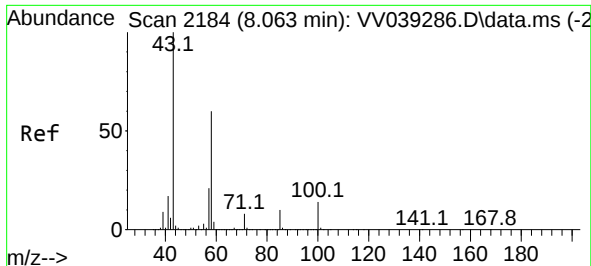
Tgt Ion: 76 Resp: 1467059
Ion Ratio Lower Upper
76 100
78 32.5 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 500.230 ug/l
RT: 6.812 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 63 Resp: 3527395
Ion Ratio Lower Upper
63 100
106 29.8 23.5 35.3

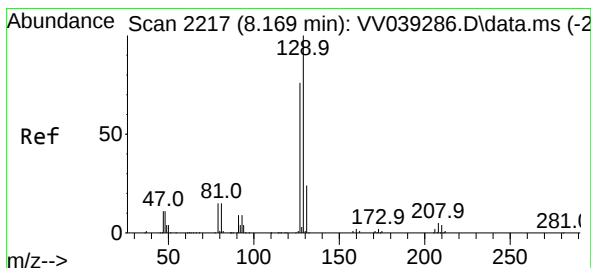
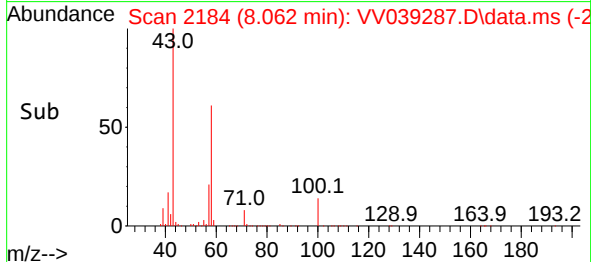
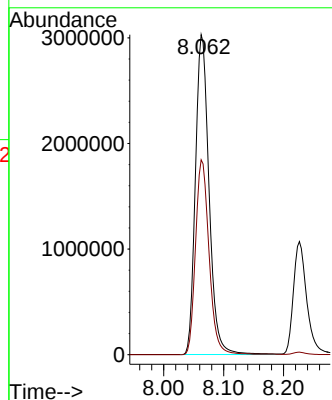
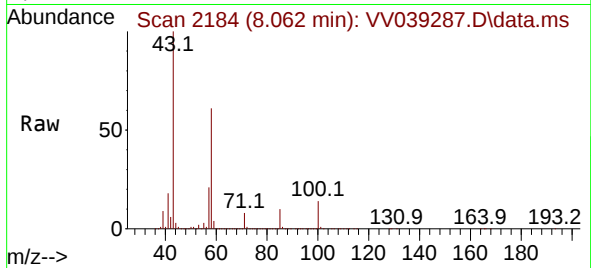




#59
2-Hexanone
Concen: 532.226 ug/l
RT: 8.062 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

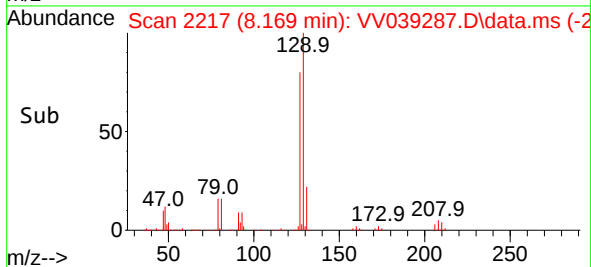
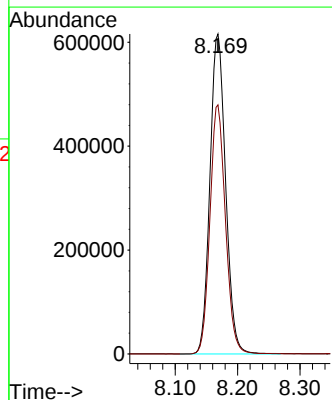
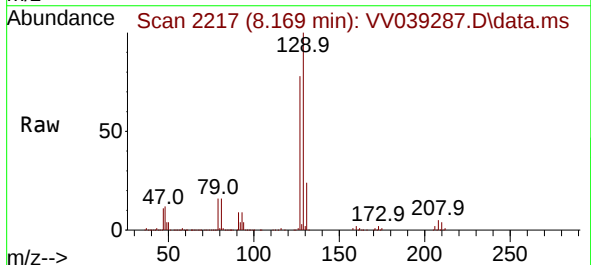
Instrument : MSVOA_V
ClientSampleId : VSTDIC100

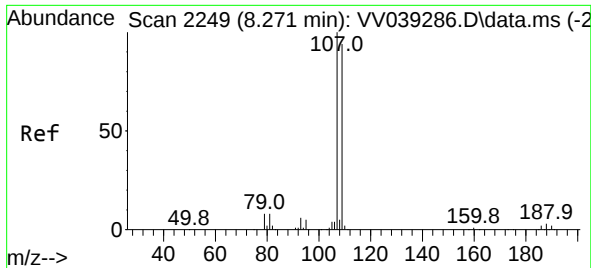
Tgt Ion: 43 Resp: 4801164
Ion Ratio Lower Upper
43 100
58 60.6 29.6 88.9



#60
Dibromochloromethane
Concen: 91.110 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 129 Resp: 1076945
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1

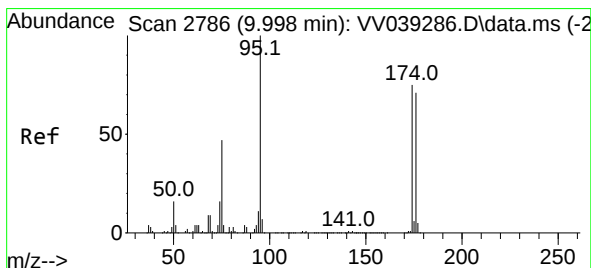
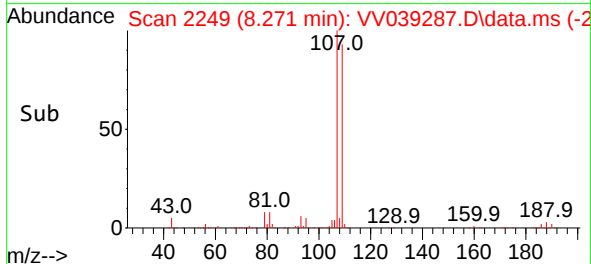
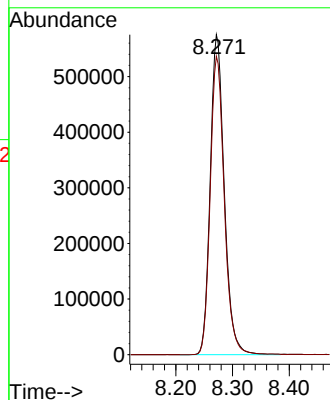
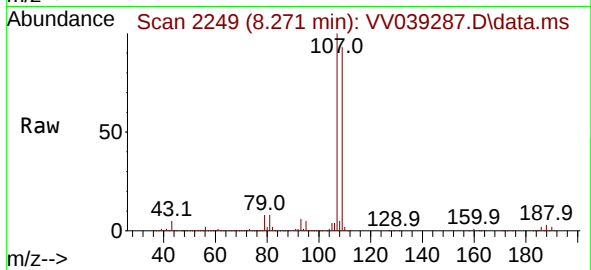




#61
1,2-Dibromoethane
Concen: 94.173 ug/l
RT: 8.271 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

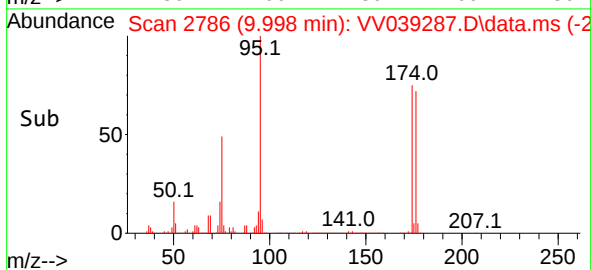
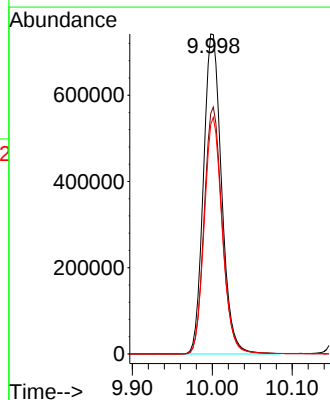
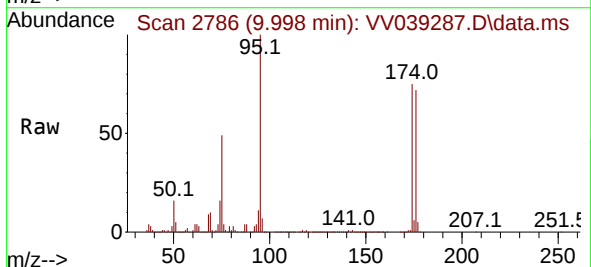
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

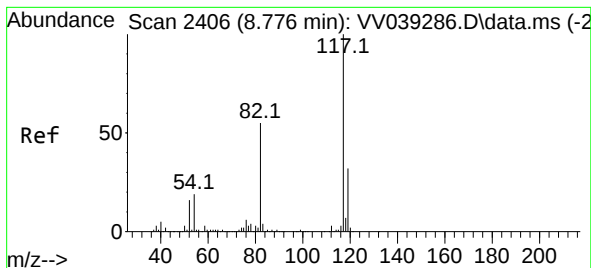
Tgt Ion:107 Resp: 991319
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 104.841 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 95 Resp: 1168638
Ion Ratio Lower Upper
95 100
174 77.0 0.0 153.6
176 73.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2406

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

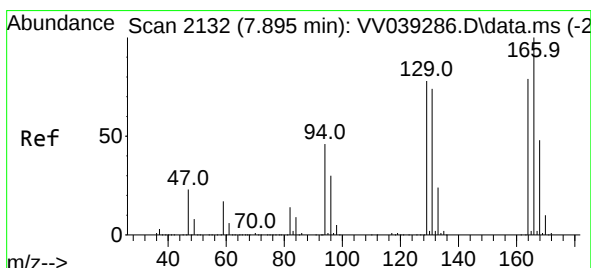
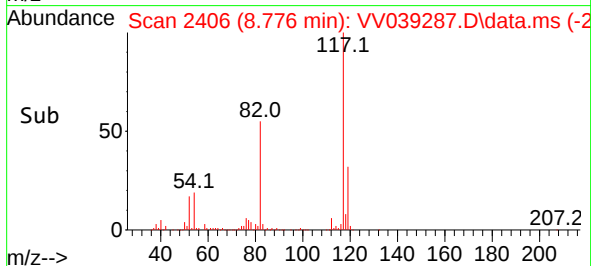
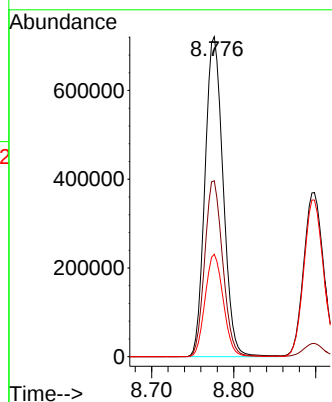
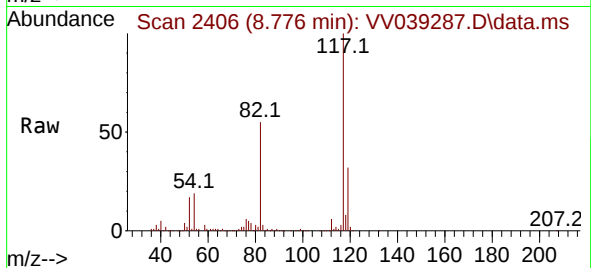
Tgt Ion:117 Resp: 1107633

Ion Ratio Lower Upper

117 100

82 54.9 43.8 65.8

119 32.0 25.8 38.6



#64

Tetrachloroethene

Concen: 94.986 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Tgt Ion:164 Resp: 767463

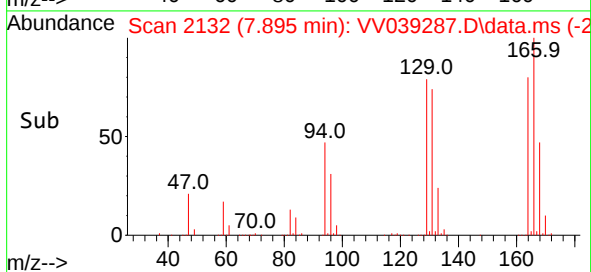
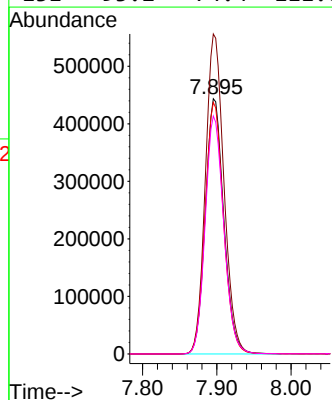
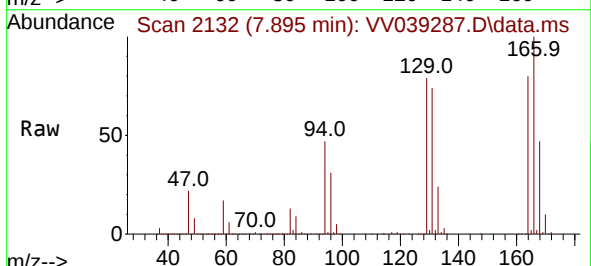
Ion Ratio Lower Upper

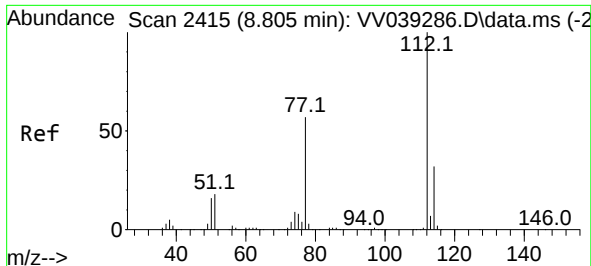
164 100

166 125.4 101.0 151.6

129 98.6 79.0 118.6

131 93.2 74.4 111.6

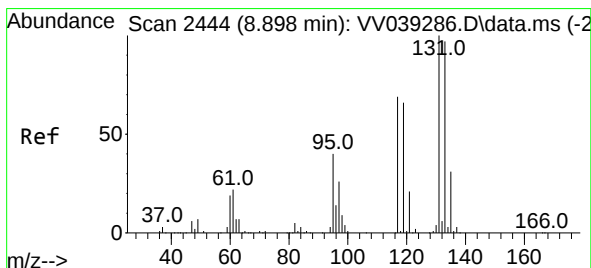
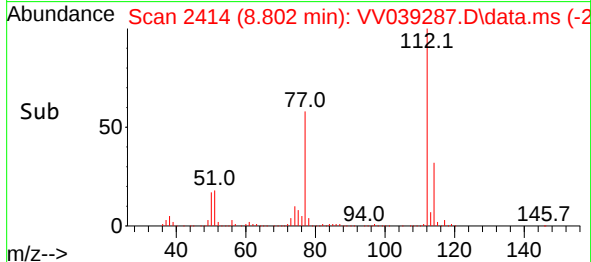
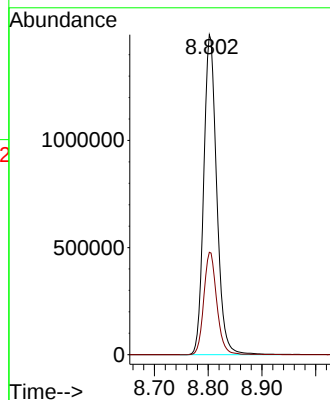
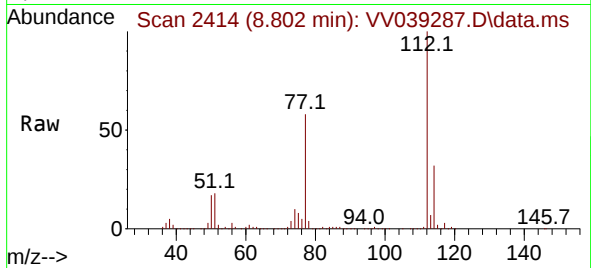




#65
Chlorobenzene
Concen: 95.468 ug/l
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

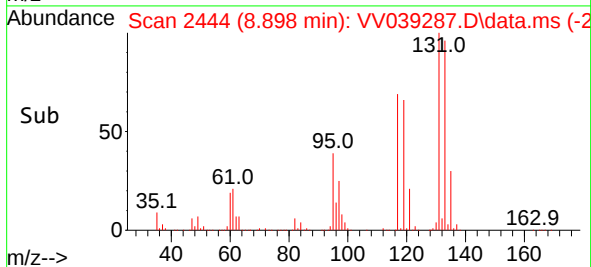
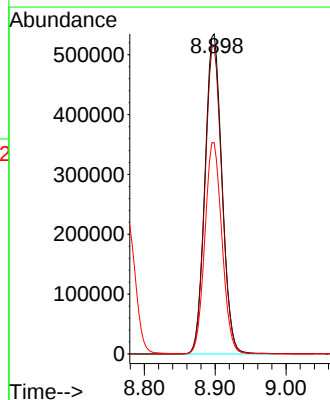
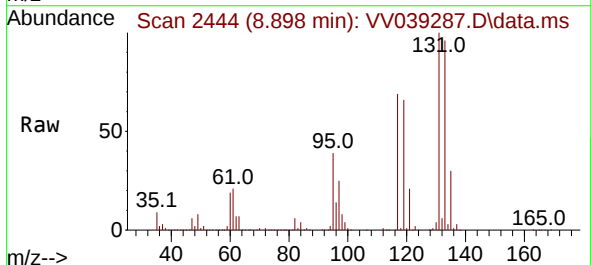
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

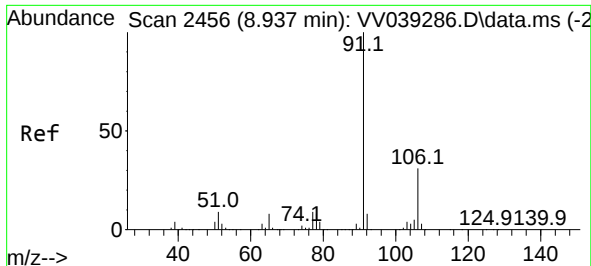
Tgt Ion:112 Resp: 2503276
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 90.889 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion:131 Resp: 892682
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.3
119 66.0 32.7 98.1

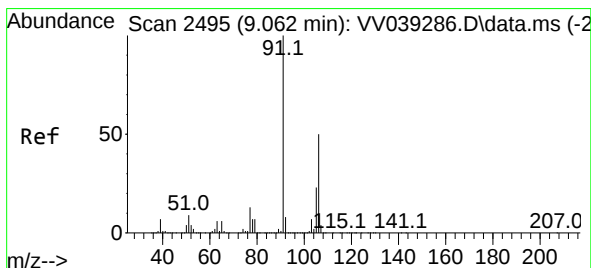
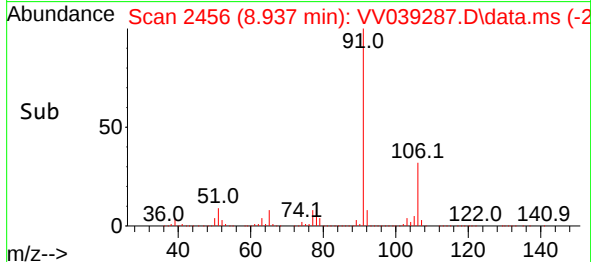
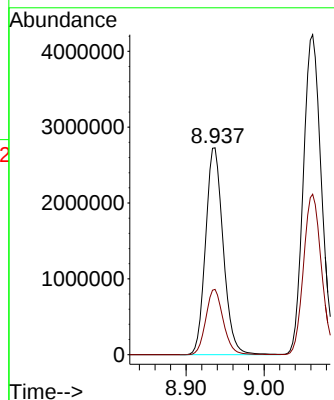
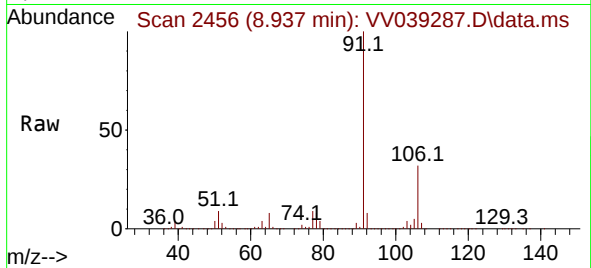




#67
Ethyl Benzene
Concen: 111.032 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

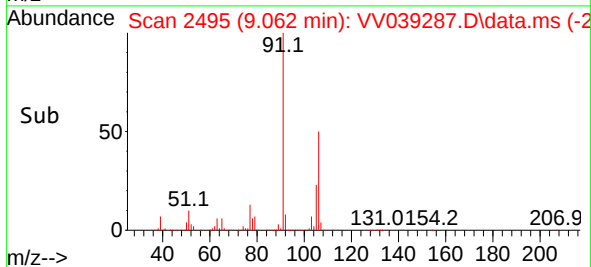
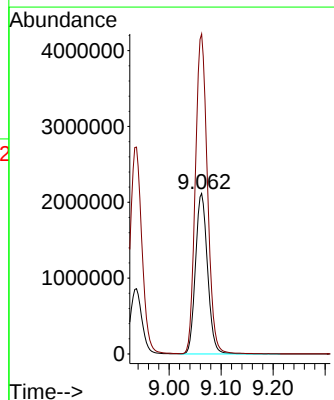
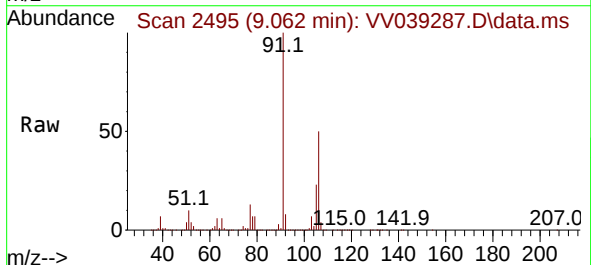
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

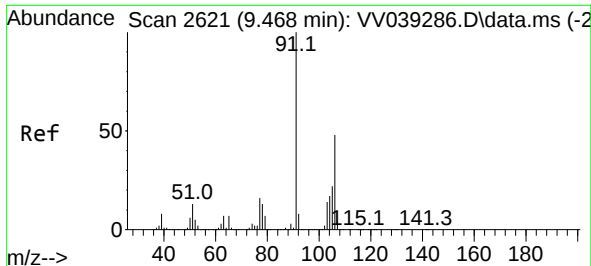
Tgt Ion: 91 Resp: 4288544
Ion Ratio Lower Upper
91 100
106 31.6 24.6 37.0



#68
m/p-Xylenes
Concen: 222.630 ug/l
RT: 9.062 min Scan# 2495
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 106 Resp: 3410520
Ion Ratio Lower Upper
106 100
91 199.6 160.2 240.2

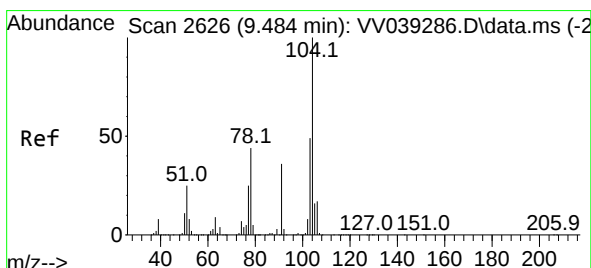
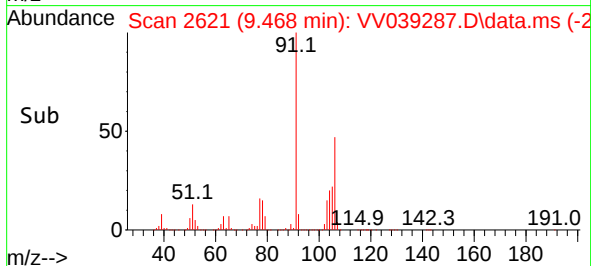
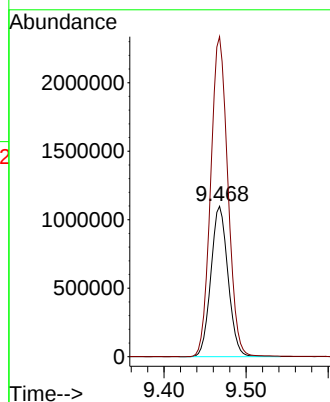
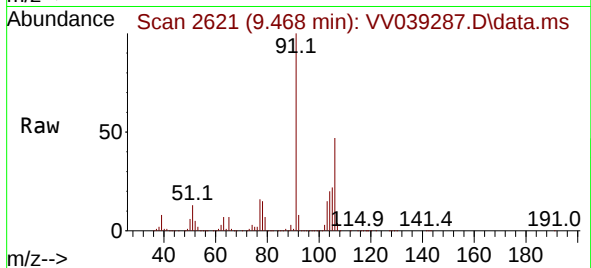




#69
o-Xylene
Concen: 117.673 ug/l
RT: 9.468 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

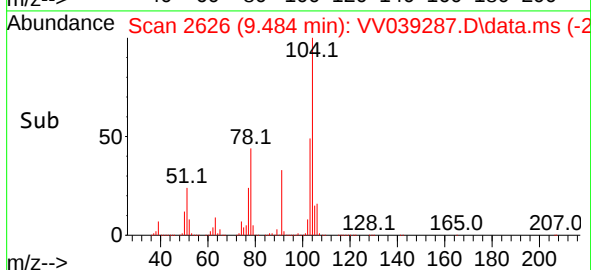
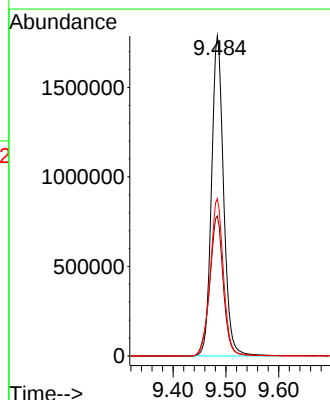
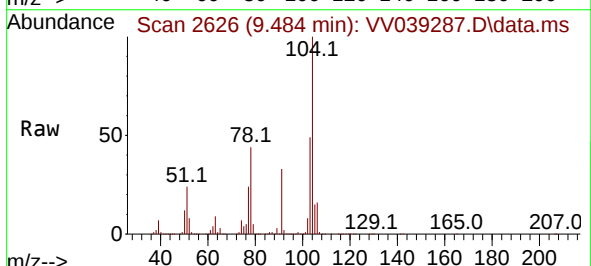
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

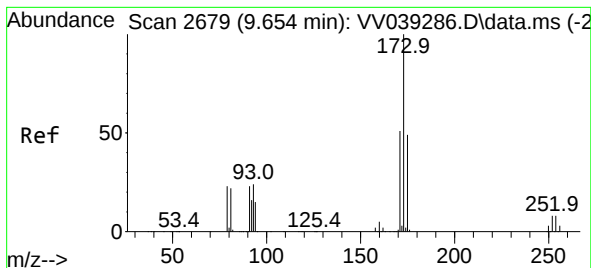
Tgt Ion:106 Resp: 1591932
Ion Ratio Lower Upper
106 100
91 214.2 105.8 317.3



#70
Styrene
Concen: 118.237 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion:104 Resp: 2846152
Ion Ratio Lower Upper
104 100
78 48.9 38.9 58.3
103 54.0 42.9 64.3





#71

Bromoform

Concen: 96.230 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

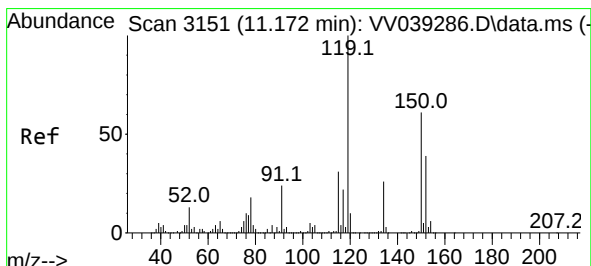
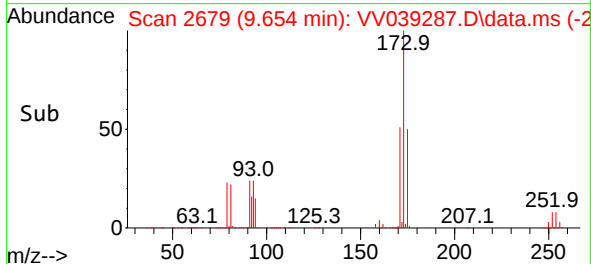
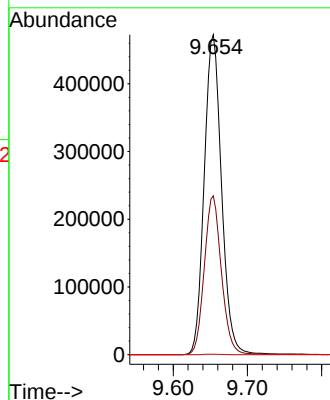
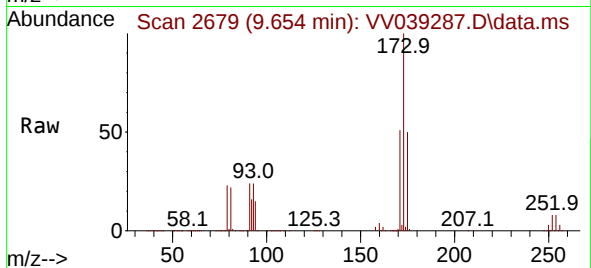
Tgt Ion:173 Resp: 764338

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.6

254 0.1 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: VV039287.D

Acq: 07 Oct 2025 11:32

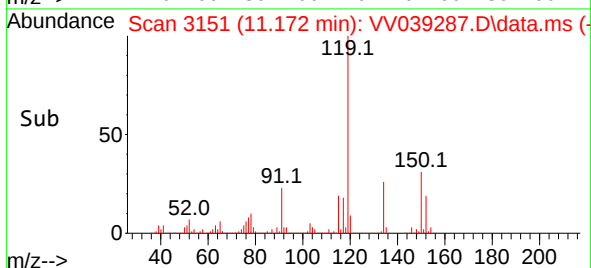
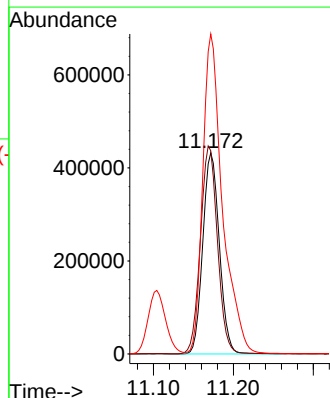
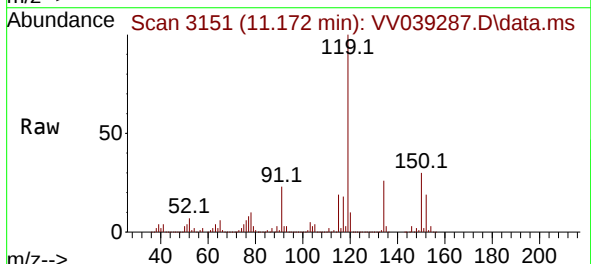
Tgt Ion:152 Resp: 621882

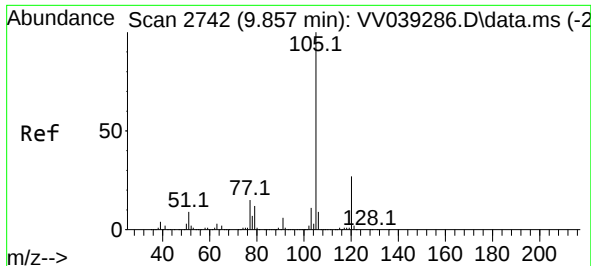
Ion Ratio Lower Upper

152 100

115 106.7 42.3 126.8

150 189.8 0.0 348.0

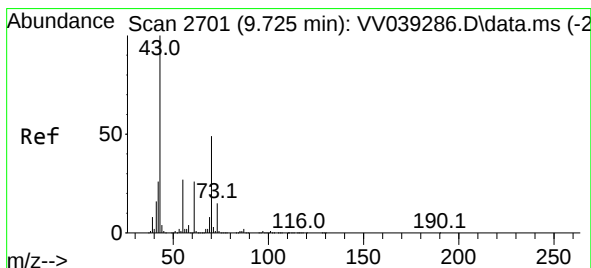
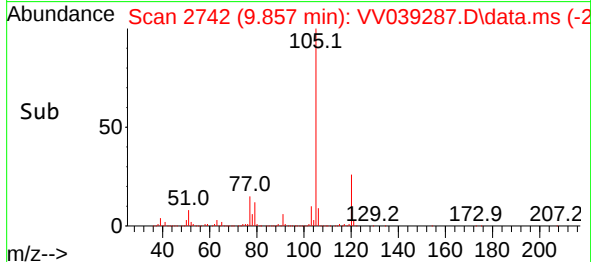
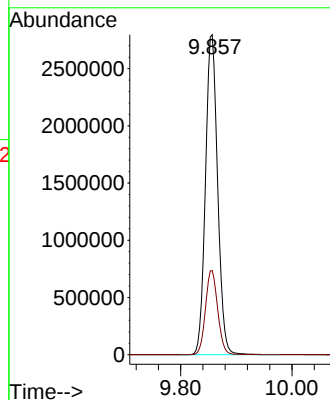
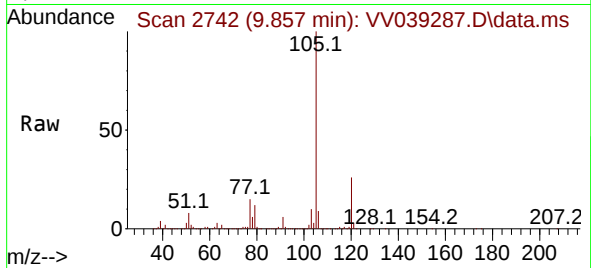




#73
Isopropylbenzene
Concen: 112.193 ug/l
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

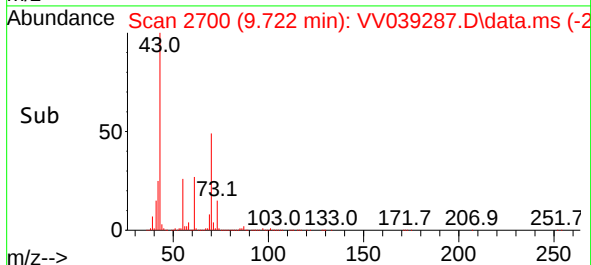
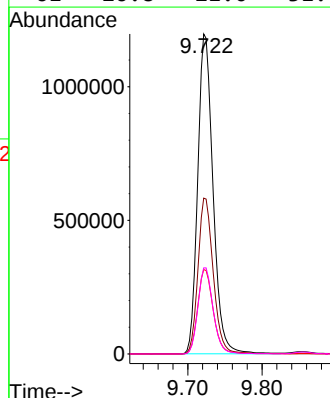
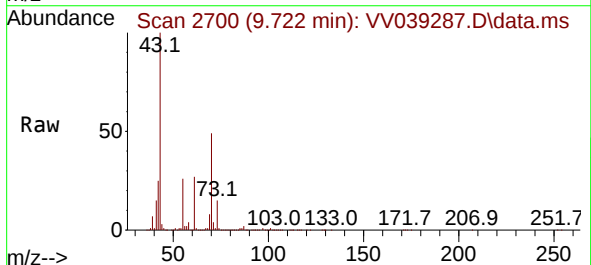
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

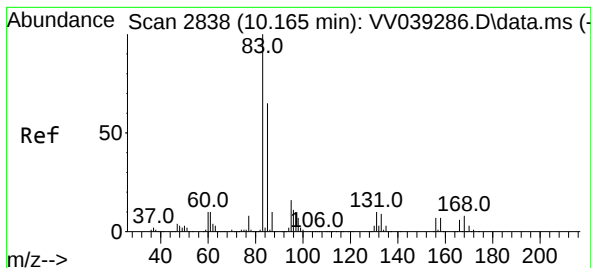
Tgt Ion:105 Resp: 4236831
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5



#74
N-ethyl acetate
Concen: 109.578 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 43 Resp: 1717728
Ion Ratio Lower Upper
43 100
70 48.6 38.6 58.0
55 26.8 21.9 32.9
61 26.8 21.0 31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 84.405 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

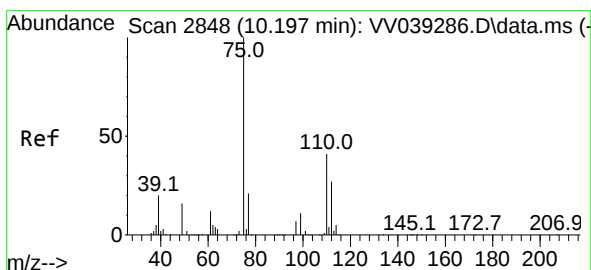
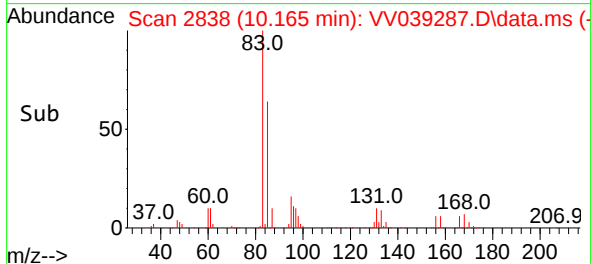
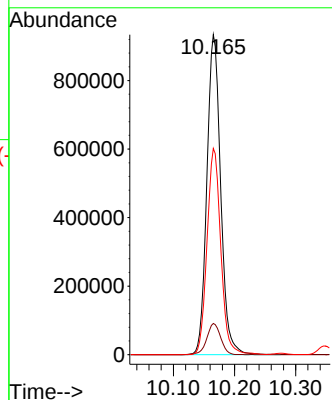
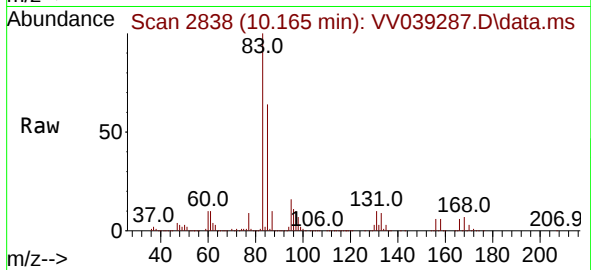
MSVOA_V

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 1463782

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	15.0
85	64.4	32.4	97.2



#76

1,2,3-Trichloropropane

Concen: 91.832 ug/l

RT: 10.197 min Scan# 2848

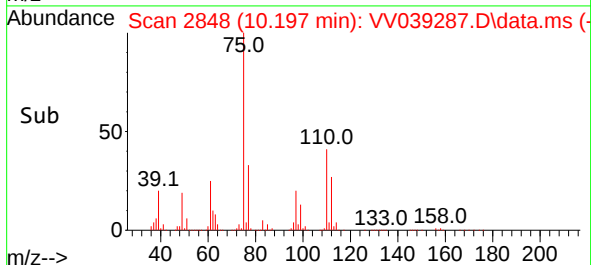
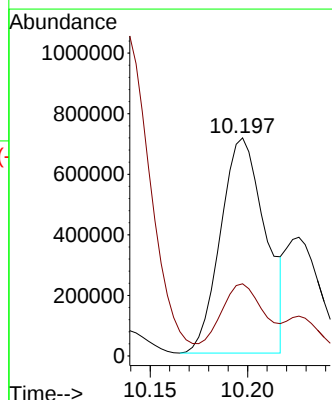
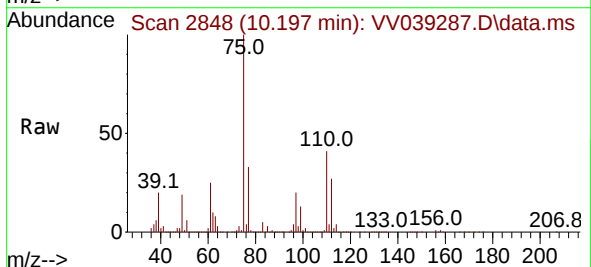
Delta R.T. -0.000 min

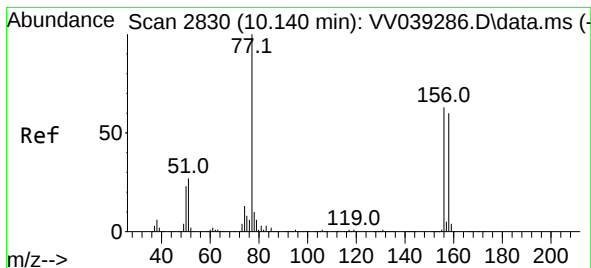
Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Tgt Ion: 75 Resp: 1139829

Ion	Ratio	Lower	Upper
75	100		
77	24.9	12.2	36.4





#77

Bromobenzene

Concen: 100.094 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

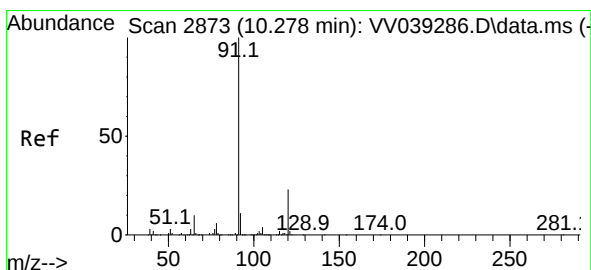
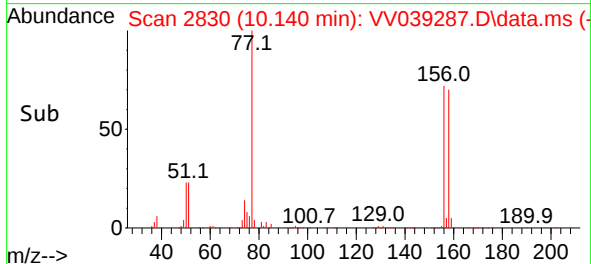
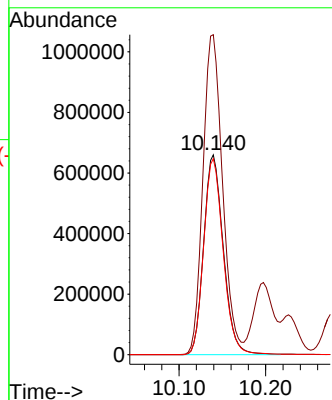
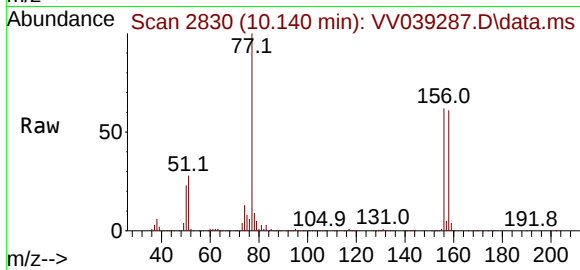
Tgt Ion:156 Resp: 1039102

Ion Ratio Lower Upper

156 100

77 160.3 78.4 235.2

158 98.1 47.7 143.1



#78

n-propylbenzene

Concen: 109.805 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. -0.000 min

Lab File: VV039287.D

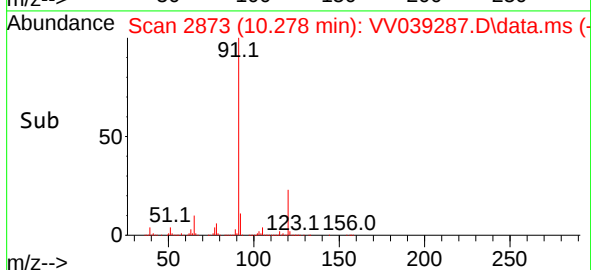
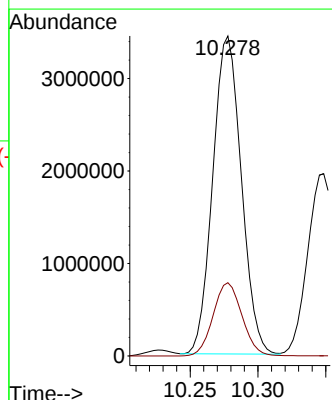
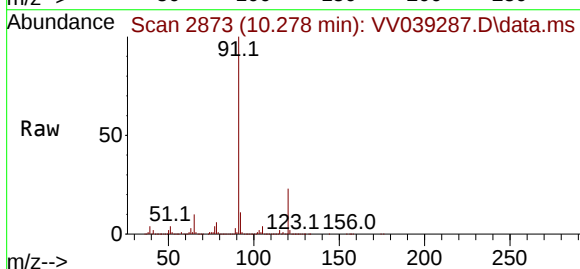
Acq: 07 Oct 2025 11:32

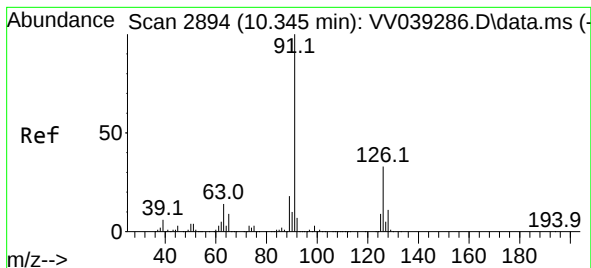
Tgt Ion: 91 Resp: 5031443

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5





#79

2-Chlorotoluene

Concen: 106.088 ug/l

RT: 10.349 min Scan# 2895

Delta R.T. 0.003 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

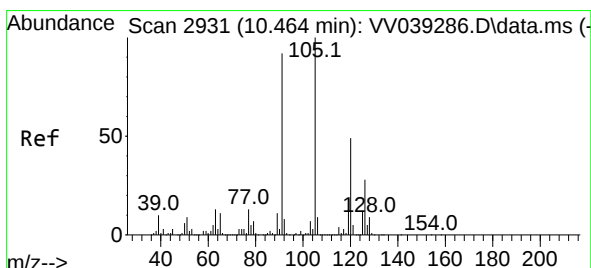
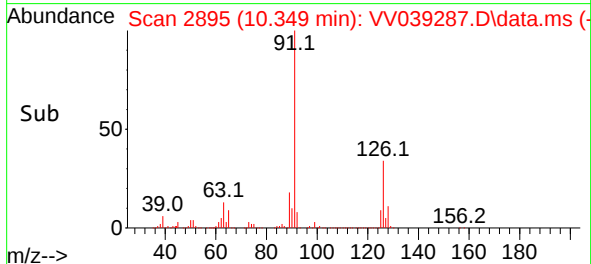
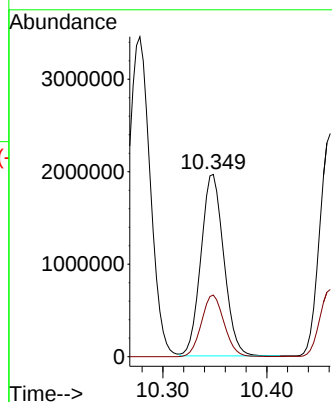
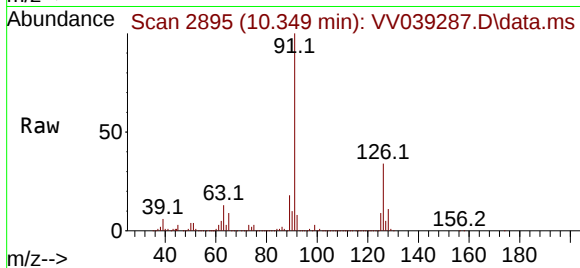
VSTDIC100

Tgt Ion: 91 Resp: 3001261

Ion Ratio Lower Upper

91 100

126 33.8 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 112.666 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. -0.000 min

Lab File: VV039287.D

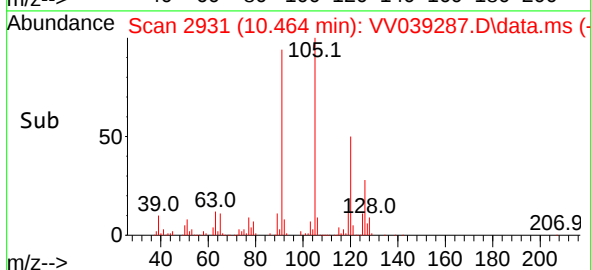
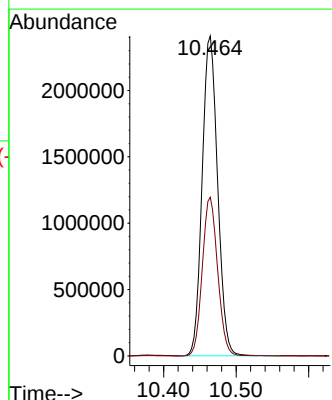
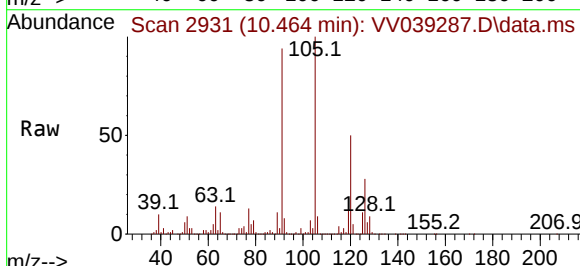
Acq: 07 Oct 2025 11:32

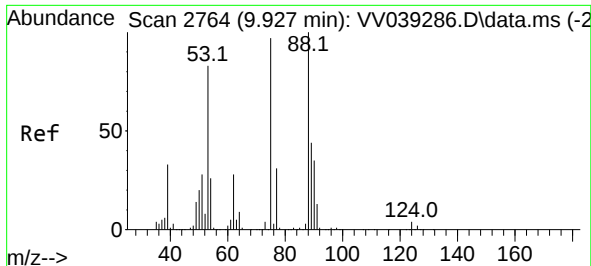
Tgt Ion:105 Resp: 3568373

Ion Ratio Lower Upper

105 100

120 49.2 24.3 73.0

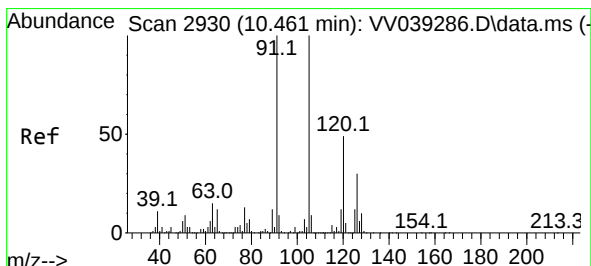
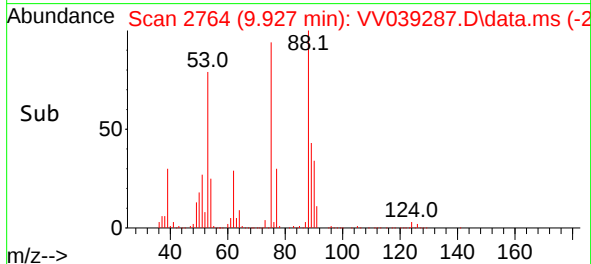
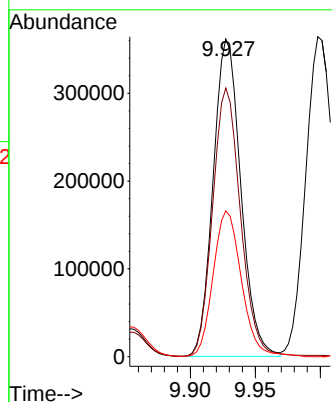
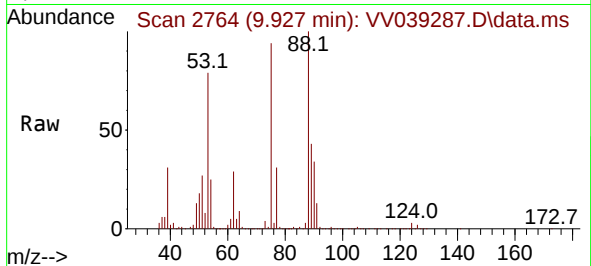




#81
trans-1,4-Dichloro-2-butene
Concen: 108.969 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

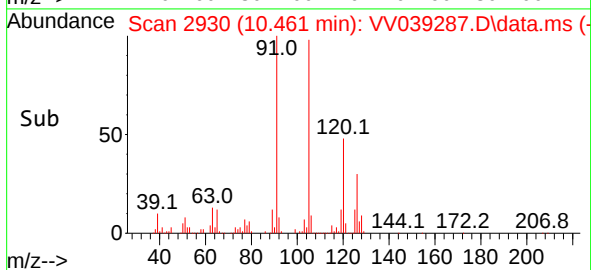
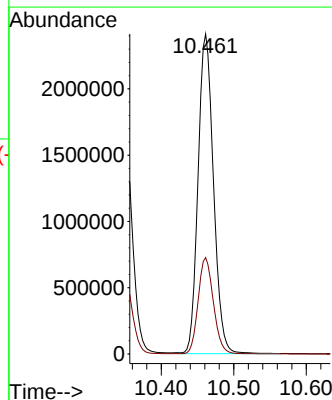
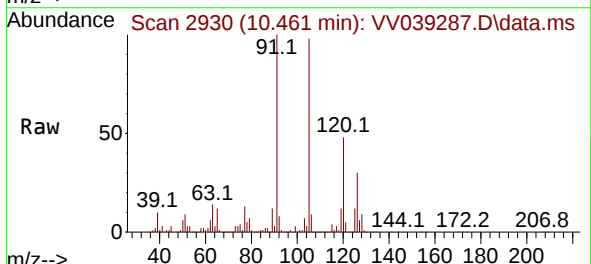
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

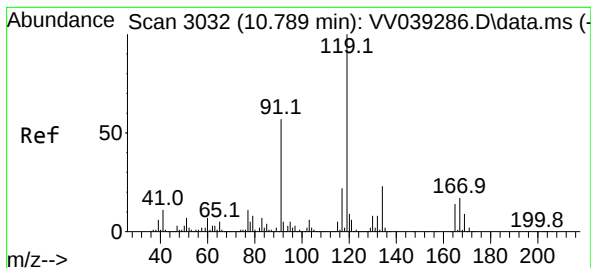
Tgt Ion: 75 Resp: 535551
Ion Ratio Lower Upper
75 100
53 85.1 69.9 104.9
89 47.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 109.222 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV039287.D
Acq: 07 Oct 2025 11:32

Tgt Ion: 91 Resp: 3551601
Ion Ratio Lower Upper
91 100
126 29.9 14.8 44.4





#83

tert-Butylbenzene

Concen: 112.082 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

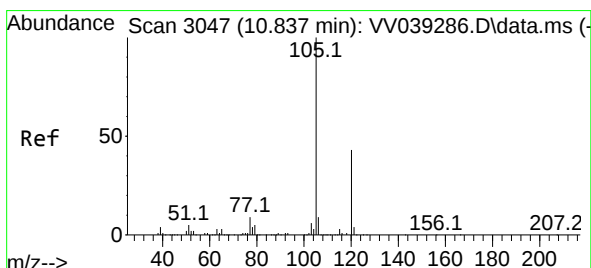
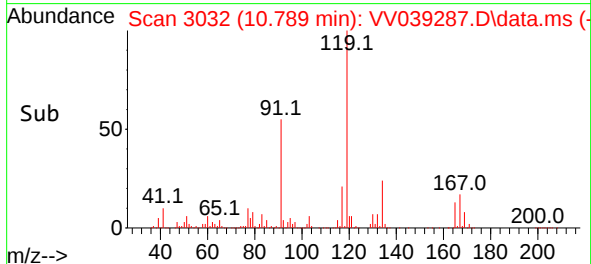
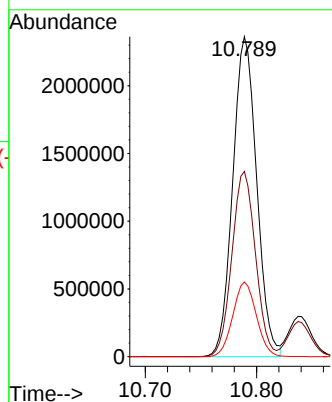
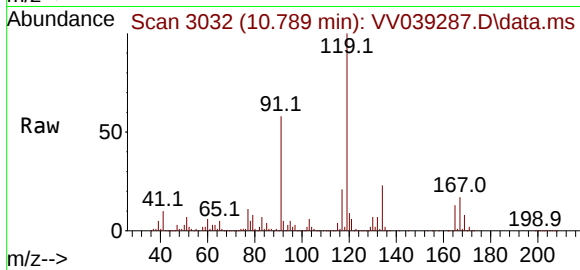
Tgt Ion:119 Resp: 3524869

Ion Ratio Lower Upper

119 100

91 57.0 28.2 84.7

134 23.0 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 114.530 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV039287.D

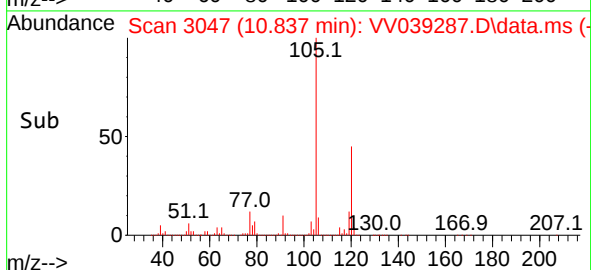
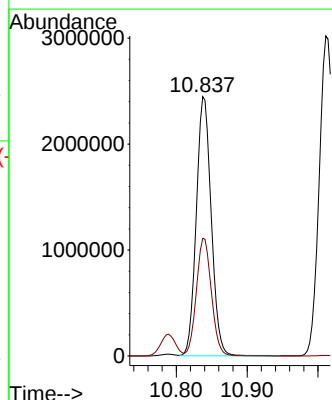
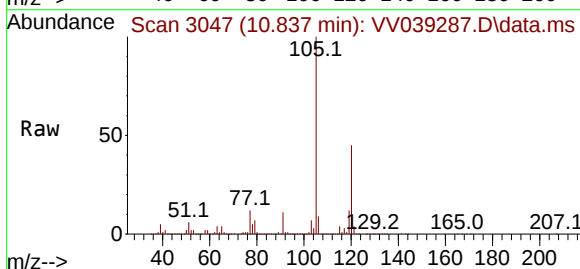
Acq: 07 Oct 2025 11:32

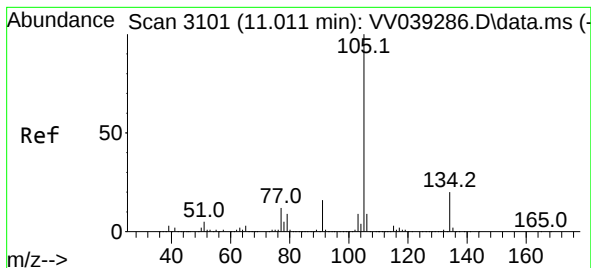
Tgt Ion:105 Resp: 3570942

Ion Ratio Lower Upper

105 100

120 45.5 22.8 68.4





#85

sec-Butylbenzene

Concen: 113.251 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

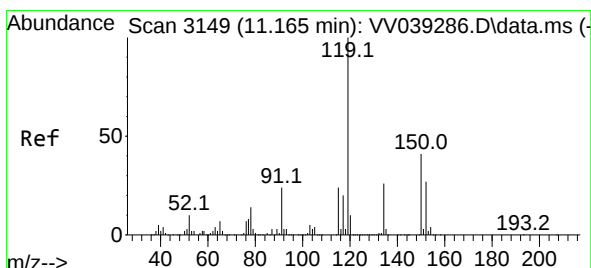
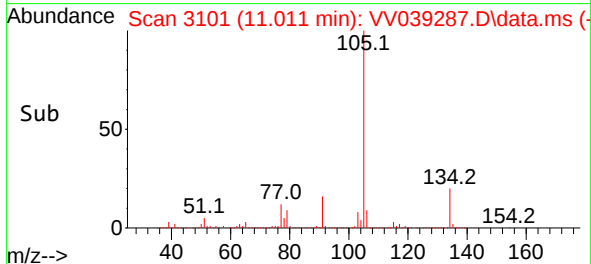
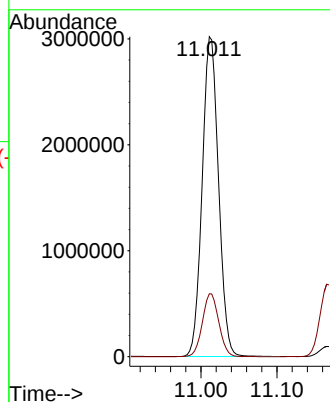
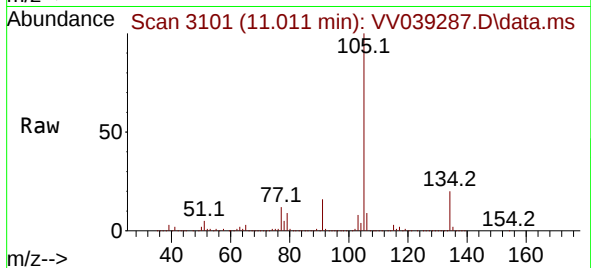
VSTDICC100

Tgt Ion:105 Resp: 4503223

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 111.182 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

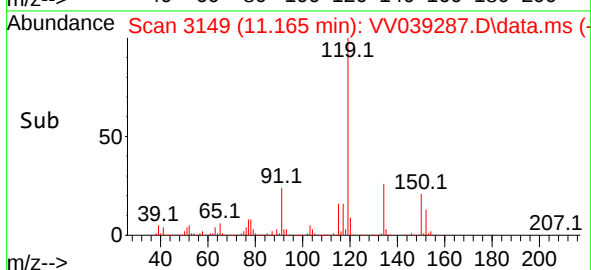
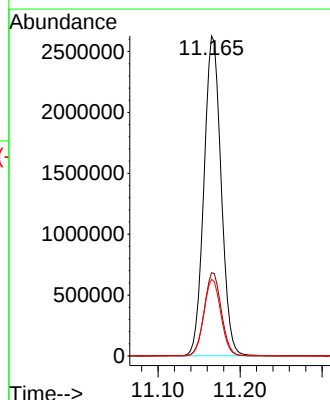
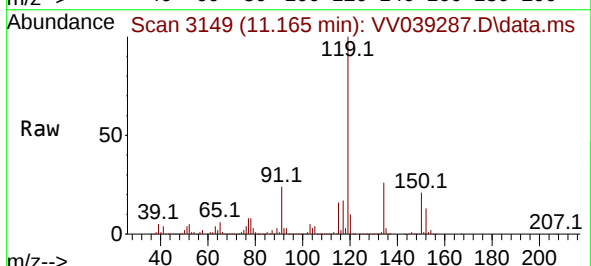
Tgt Ion:119 Resp: 3801102

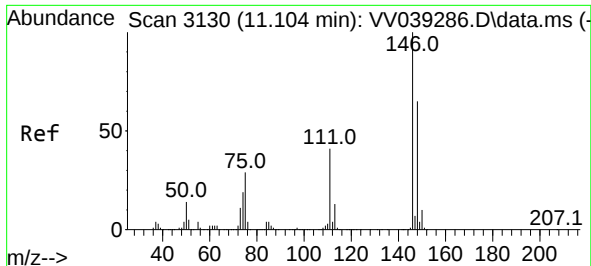
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 23.8 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 97.806 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

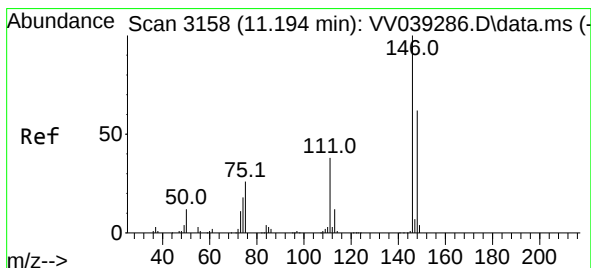
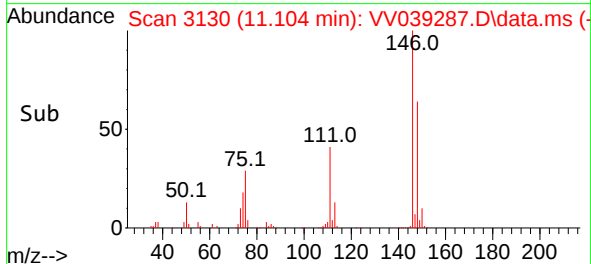
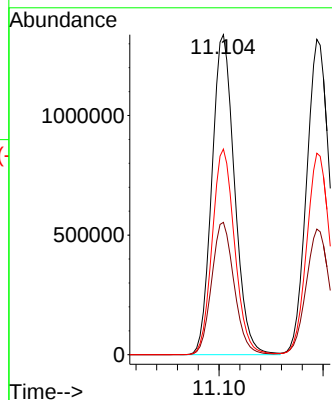
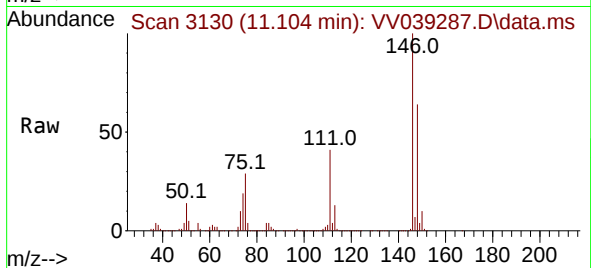
Tgt Ion:146 Resp: 2025215

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

148 63.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 88.407 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

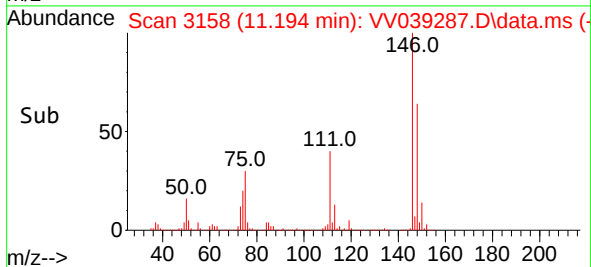
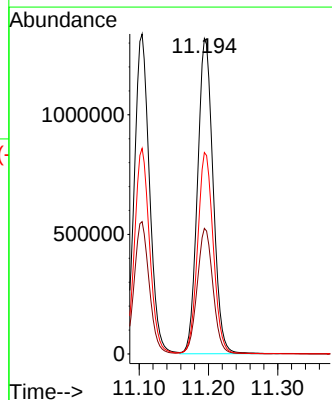
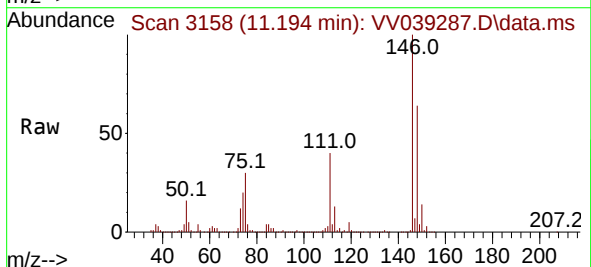
Tgt Ion:146 Resp: 2063431

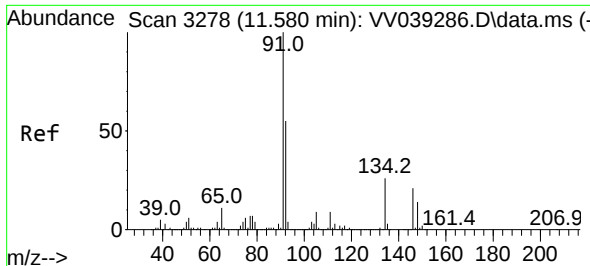
Ion Ratio Lower Upper

146 100

111 40.3 19.7 59.0

148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 113.614 ug/l

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

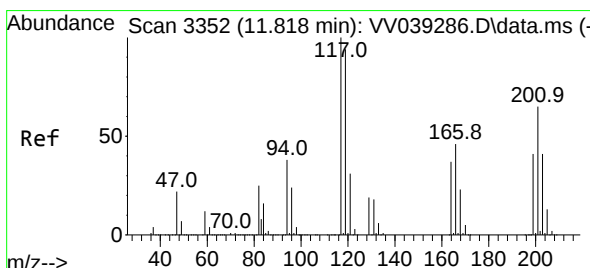
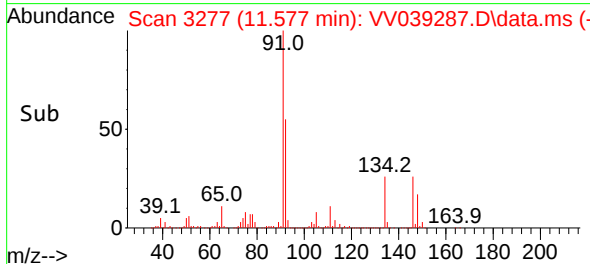
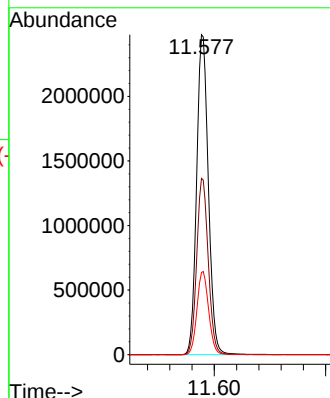
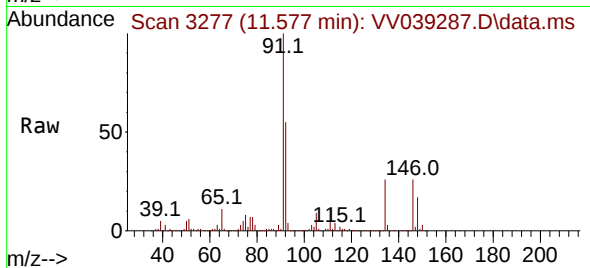
Tgt Ion: 91 Resp: 3617227

Ion Ratio Lower Upper

91 100

92 54.4 26.9 80.6

134 25.9 12.6 37.8



#90

Hexachloroethane

Concen: 89.118 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. -0.000 min

Lab File: VV039287.D

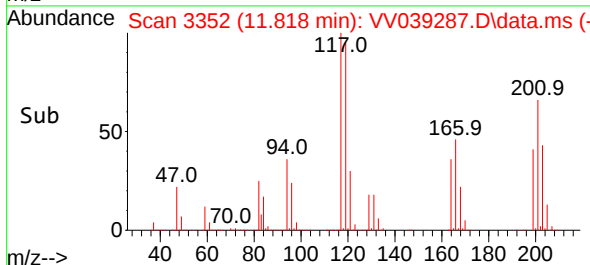
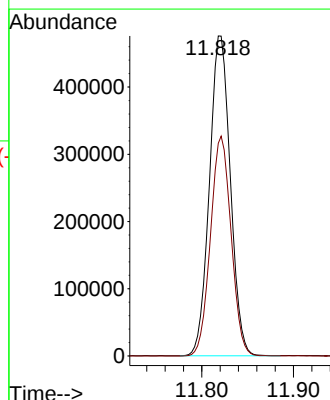
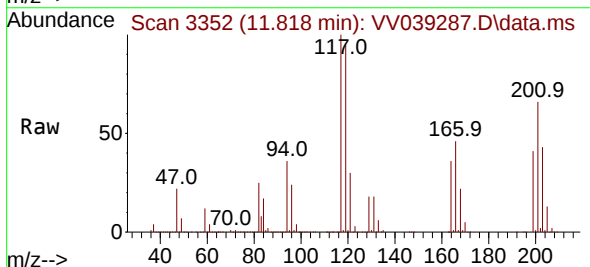
Acq: 07 Oct 2025 11:32

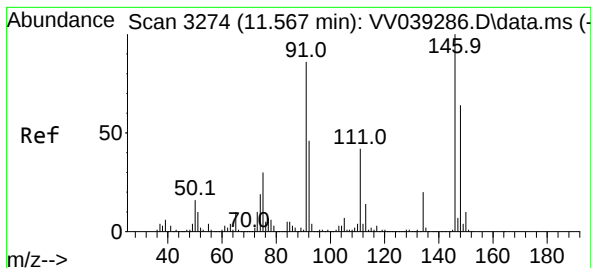
Tgt Ion: 117 Resp: 753378

Ion Ratio Lower Upper

117 100

201 67.7 33.7 101.1





#91

1,2-Dichlorobenzene

Concen: 97.835 ug/l

RT: 11.564 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

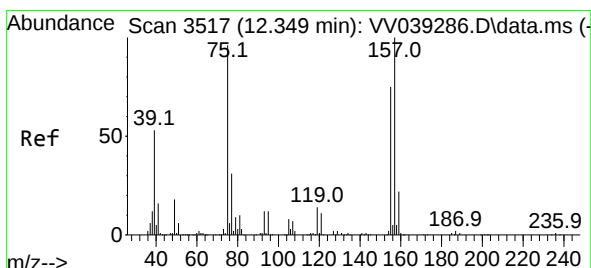
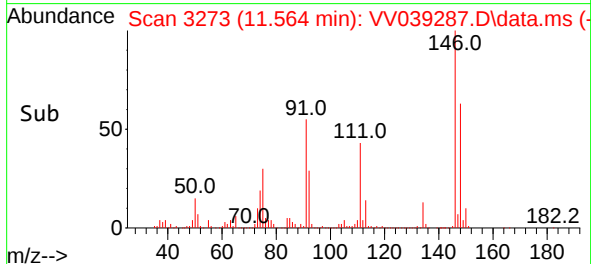
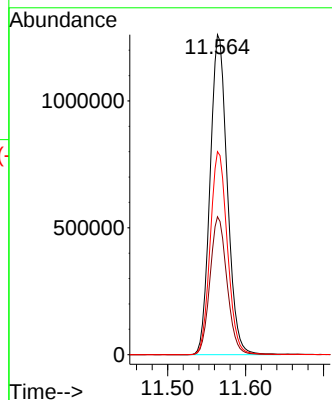
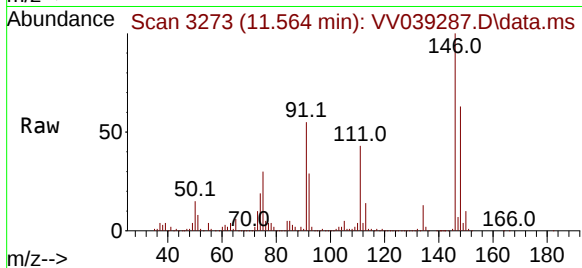
Tgt Ion:146 Resp: 1927089

Ion Ratio Lower Upper

146 100

111 42.7 21.3 64.0

148 63.6 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 92.330 ug/l

RT: 12.348 min Scan# 3517

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

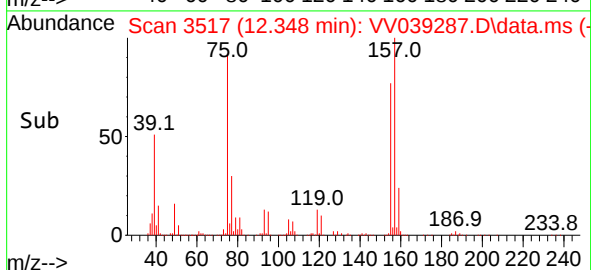
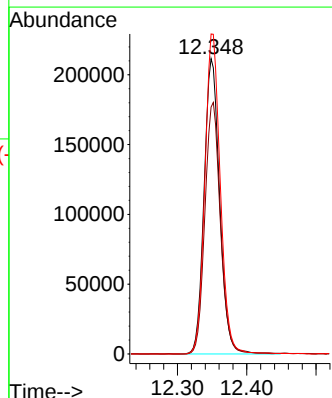
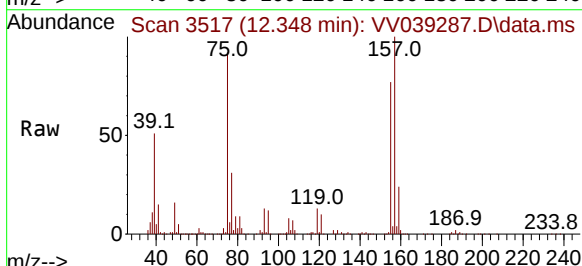
Tgt Ion: 75 Resp: 329241

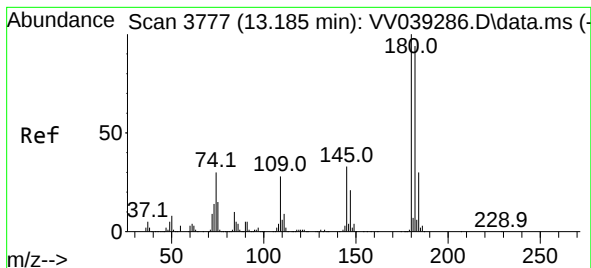
Ion Ratio Lower Upper

75 100

155 84.8 40.8 122.5

157 107.5 53.3 160.0





#93

1,2,4-Trichlorobenzene

Concen: 113.268 ug/l

RT: 13.184 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

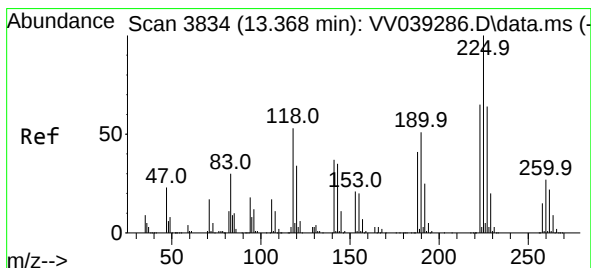
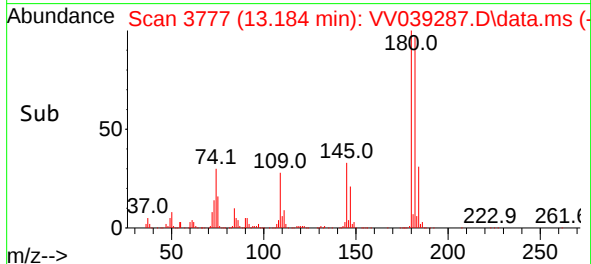
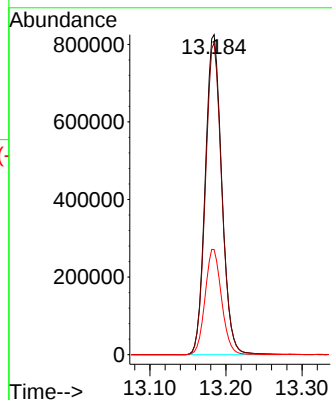
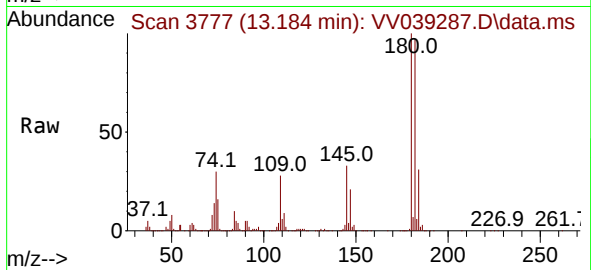
Tgt Ion:180 Resp: 1244317

Ion Ratio Lower Upper

180 100

182 96.7 47.3 141.9

145 32.9 16.3 48.9



#94

Hexachlorobutadiene

Concen: 91.466 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

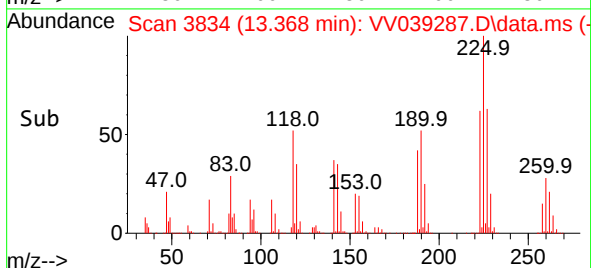
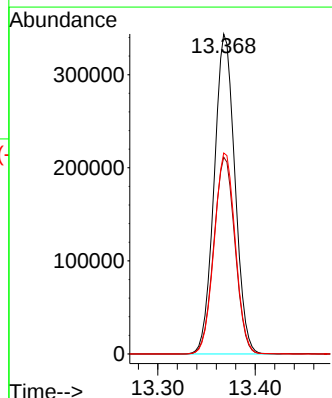
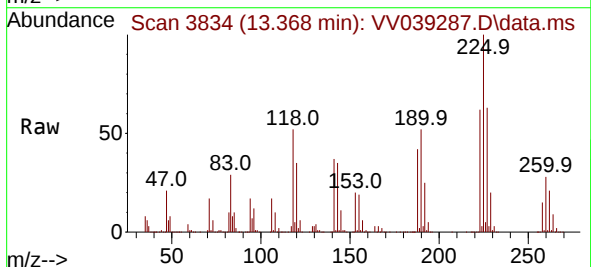
Tgt Ion:225 Resp: 508802

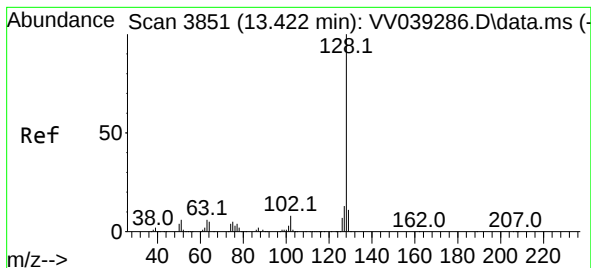
Ion Ratio Lower Upper

225 100

223 62.7 31.3 93.8

227 63.9 31.7 95.1





#95

Naphthalene

Concen: 126.683 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. -0.000 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

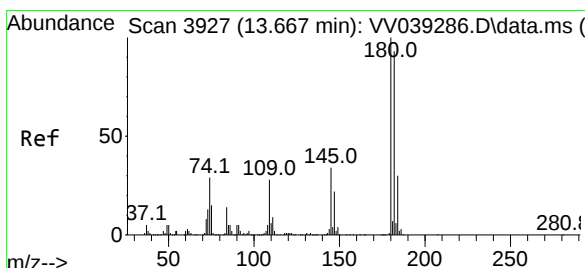
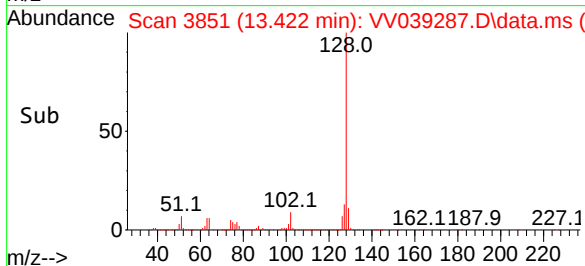
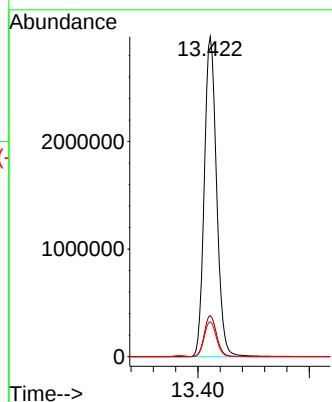
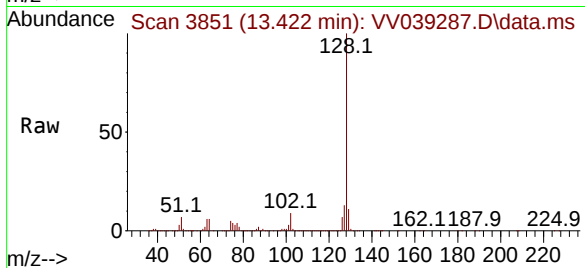
Tgt Ion:128 Resp: 4559594

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 112.009 ug/l

RT: 13.663 min Scan# 3926

Delta R.T. -0.003 min

Lab File: VV039287.D

Acq: 07 Oct 2025 11:32

Tgt Ion:180 Resp: 1278887

Ion Ratio Lower Upper

180 100

182 93.9 46.7 140.1

145 34.1 17.2 51.5

