

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
 Data File : VV038836.D
 Acq On : 02 Jul 2025 11:45
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 03 02:25:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:21:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	571341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	914729	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	856535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	494611	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.934	65	615485	96.121	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 192.240%#	
35) Dibromofluoromethane	4.497	113	571753	98.679	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 197.360%#	
50) Toluene-d8	7.233	98	1837766	98.034	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 196.060%#	
62) 4-Bromofluorobenzene	9.998	95	786665	103.867	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 207.740%#	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.121	85	526137	97.009	ug/l 99
3) Chloromethane	1.230	50	595386	102.916	ug/l 98
4) Vinyl Chloride	1.297	62	614333	99.274	ug/l 100
5) Bromomethane	1.487	94	350306	92.761	ug/l 97
6) Chloroethane	1.555	64	397604	95.841	ug/l 98
7) Trichlorofluoromethane	1.722	101	1040495	95.035	ug/l 98
8) Diethyl Ether	1.915	74	370021	97.121	ug/l 99
9) 1,1,2-Trichlorotrifluo...	2.079	101	602804	97.372	ug/l 100
10) Methyl Iodide	2.191	142	863385	109.920	ug/l 99
11) Tert butyl alcohol	2.564	59	437798	523.797	ug/l 99
12) 1,1-Dichloroethene	2.079	96	557071	94.675	ug/l 99
13) Acrolein	2.005	56	110012	527.127	ug/l 96
14) Allyl chloride	2.355	41	815196	103.023	ug/l 99
15) Acrylonitrile	2.667	53	1576449	539.193	ug/l 100
16) Acetone	2.114	43	1090429	511.013	ug/l 100
17) Carbon Disulfide	2.249	76	1273154	93.410	ug/l 99
18) Methyl Acetate	2.375	43	783906	107.737	ug/l 100
19) Methyl tert-butyl Ether	2.706	73	1951760	107.285	ug/l 100
20) Methylene Chloride	2.452	84	636777	90.296	ug/l 99
21) trans-1,2-Dichloroethene	2.699	96	586730	99.712	ug/l 98
22) Diisopropyl ether	3.207	45	1769655	109.087	ug/l 87
23) Vinyl Acetate	3.182	43	6812222	582.344	ug/l 100
24) 1,1-Dichloroethane	3.114	63	1067963	97.655	ug/l 100
25) 2-Butanone	3.850	43	1726441	574.189	ug/l 100
26) 2,2-Dichloropropane	3.805	77	1010065	99.653	ug/l 100
27) cis-1,2-Dichloroethene	3.815	96	710831	103.661	ug/l 98
28) Bromochloromethane	4.140	49	440156	94.172	ug/l # 99
29) Tetrahydrofuran	4.223	42	1179667	570.471	ug/l 99
30) Chloroform	4.272	83	1166333	97.885	ug/l 100
31) Cyclohexane	4.580	56	832775	96.156	ug/l 100
32) 1,1,1-Trichloroethane	4.510	97	1072199	96.956	ug/l 99
36) 1,1-Dichloropropene	4.741	75	751122	106.832	ug/l 98
37) Ethyl Acetate	3.960	43	716944	101.420	ug/l 98
38) Carbon Tetrachloride	4.731	117	922968	99.735	ug/l 99
39) Methylcyclohexane	6.043	83	983775	107.017	ug/l 98
40) Benzene	5.005	78	2360739	104.683	ug/l 100

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 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:21:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.146	41	362413	99.390	ug/l	98
42) 1,2-Dichloroethane	5.034	62	835942	101.703	ug/l	99
43) Isopropyl Acetate	5.182	43	1214977	106.580	ug/l	99
44) Trichloroethene	5.828	130	620903	102.480	ug/l	95
45) 1,2-Dichloropropane	6.085	63	587829	100.817	ug/l	98
46) Dibromomethane	6.220	93	457200	99.432	ug/l	99
47) Bromodichloromethane	6.423	83	949365	97.508	ug/l	97
48) Methyl methacrylate	6.288	41	592268	114.891	ug/l	99
49) 1,4-Dioxane	6.281	88	158093	2172.483	ug/l	97
51) 4-Methyl-2-Pentanone	7.143	43	3932571	553.263	ug/l	99
52) Toluene	7.304	92	1552398	107.023	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	992380	109.713	ug/l	100
54) cis-1,3-Dichloropropene	6.944	75	1021934	107.228	ug/l	98
55) 1,1,2-Trichloroethane	7.757	97	636325	100.321	ug/l	99
56) Ethyl methacrylate	7.712	69	974875	116.827	ug/l	99
57) 1,3-Dichloropropane	7.931	76	1026596	102.741	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.808	63	2086869	572.832	ug/l	99
59) 2-Hexanone	8.059	43	2829599	549.089	ug/l	100
60) Dibromochloromethane	8.165	129	792289	99.205	ug/l	99
61) 1,2-Dibromoethane	8.271	107	681653	105.801	ug/l	100
64) Tetrachloroethene	7.895	164	529477	96.128	ug/l	99
65) Chlorobenzene	8.802	112	1799366	99.683	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	667291	98.996	ug/l	99
67) Ethyl Benzene	8.934	91	3095474	109.453	ug/l	100
68) m/p-Xylenes	9.059	106	2427548	224.101	ug/l	99
69) o-Xylene	9.468	106	1160614	112.143	ug/l	100
70) Styrene	9.484	104	2052394	113.424	ug/l	100
71) Bromoform	9.654	173	569824	104.032	ug/l #	100
73) Isopropylbenzene	9.853	105	3158065	108.795	ug/l	100
74) N-amyl acetate	9.722	43	1152929	116.125	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	1019200	96.852	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	749368	97.921	ug/l	98
77) Bromobenzene	10.140	156	766922	102.416	ug/l	100
78) n-propylbenzene	10.278	91	3759932	108.843	ug/l	100
79) 2-Chlorotoluene	10.345	91	2209838	105.336	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	2723031	109.714	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	385189	107.141	ug/l	93
82) 4-Chlorotoluene	10.461	91	2641068	109.201	ug/l	100
83) tert-Butylbenzene	10.789	119	2809898	109.157	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	2728077	112.147	ug/l	100
85) sec-Butylbenzene	11.011	105	3632760	110.850	ug/l	100
86) p-Isopropyltoluene	11.165	119	3102499	110.419	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	1536392	100.921	ug/l	98
88) 1,4-Dichlorobenzene	11.194	146	1568188	97.760	ug/l	100
89) n-Butylbenzene	11.580	91	2947265	113.181	ug/l	99
90) Hexachloroethane	11.821	117	599327	98.265	ug/l	100
91) 1,2-Dichlorobenzene	11.564	146	1500766	104.589	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.348	75	231691	103.991	ug/l	98
93) 1,2,4-Trichlorobenzene	13.184	180	1058082	113.760	ug/l	100
94) Hexachlorobutadiene	13.368	225	457641	101.960	ug/l	97
95) Naphthalene	13.422	128	3534065	119.438	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	1069767	111.452	ug/l	99

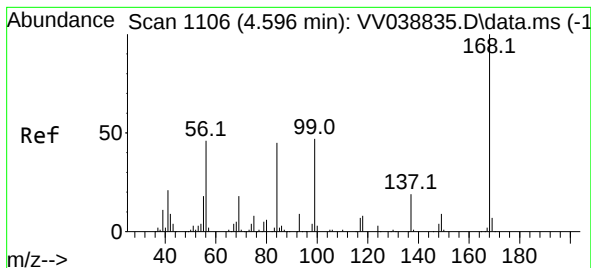
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
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Quant Title : SW846 8260
QLast Update : Thu Jul 03 02:21:38 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

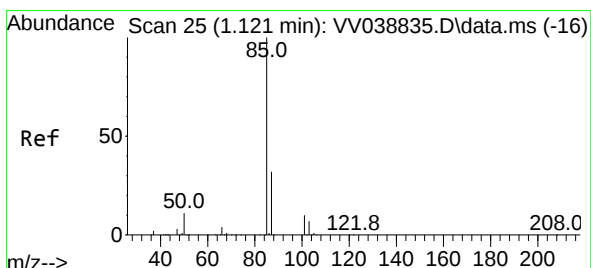
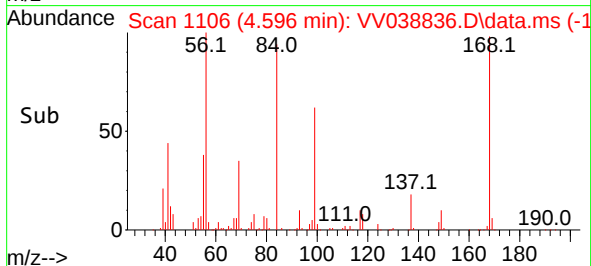
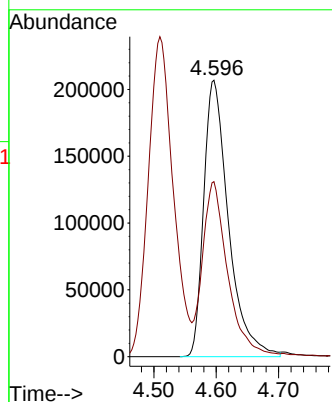
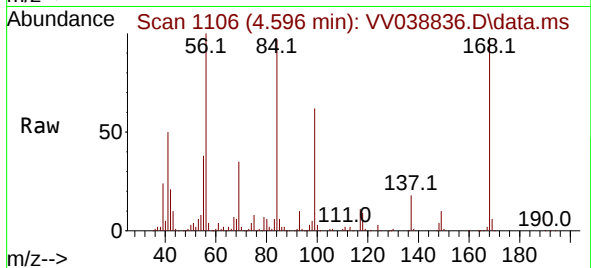
VSTDICC100

Tgt Ion:168 Resp: 571341

Ion Ratio Lower Upper

168 100

99 62.3 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 97.009 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV038836.D

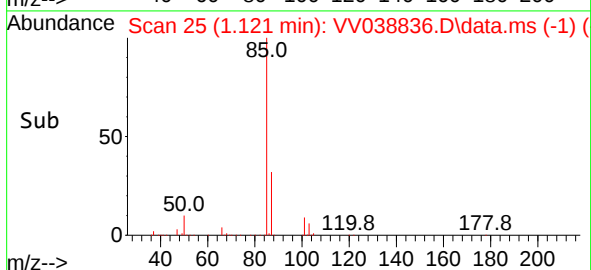
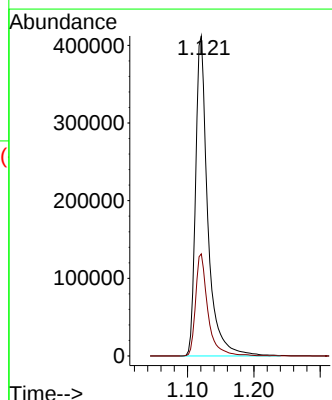
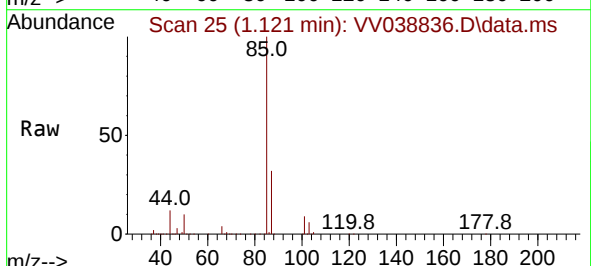
Acq: 02 Jul 2025 11:45

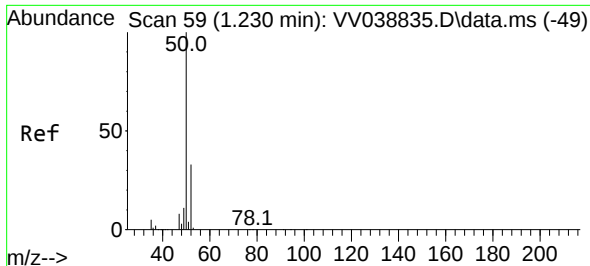
Tgt Ion: 85 Resp: 526137

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.3

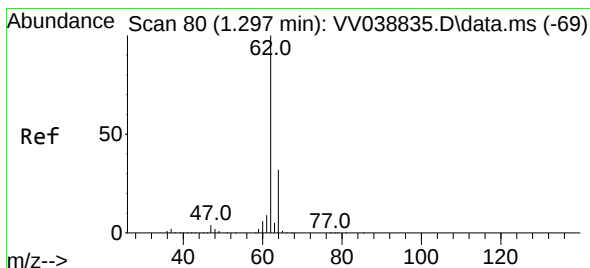
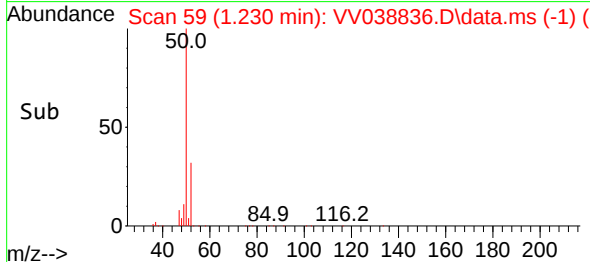
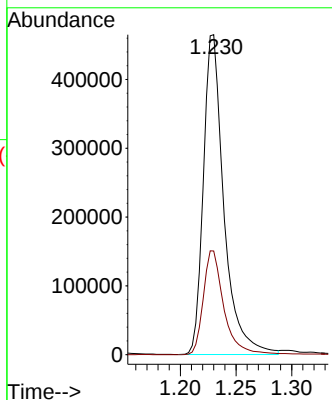
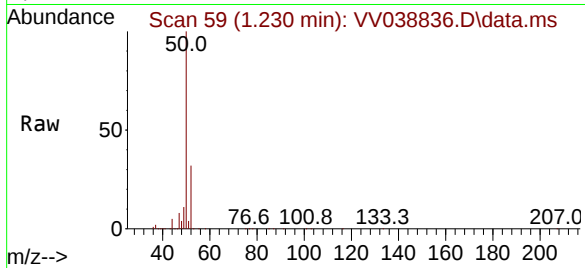




#3
Chloromethane
Concen: 102.916 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

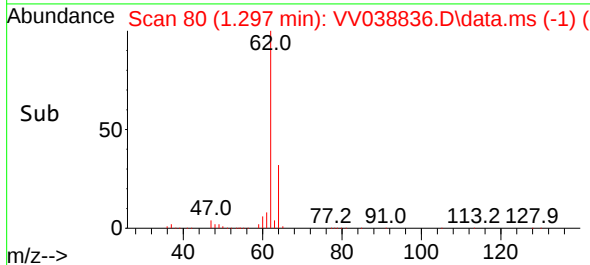
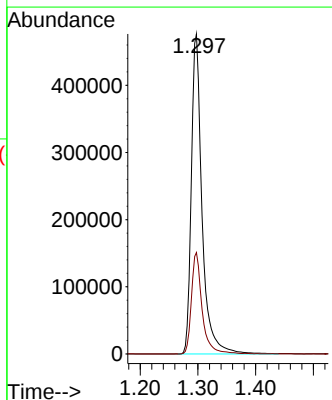
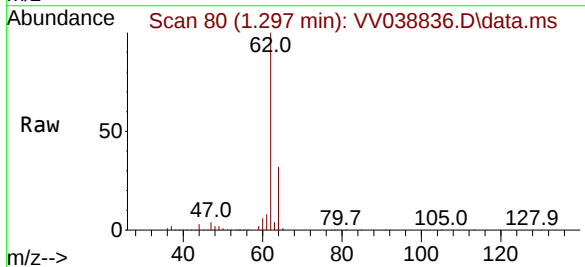
Instrument :
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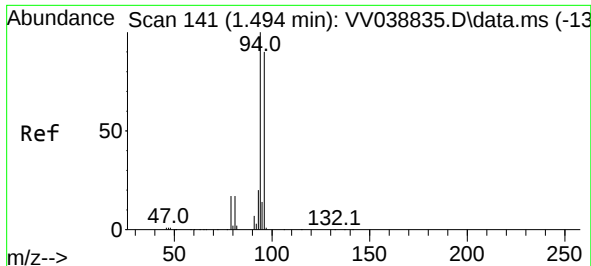
Tgt Ion: 50 Resp: 595386
Ion Ratio Lower Upper
50 100
52 32.4 26.7 40.1



#4
Vinyl Chloride
Concen: 99.274 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 62 Resp: 614333
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3

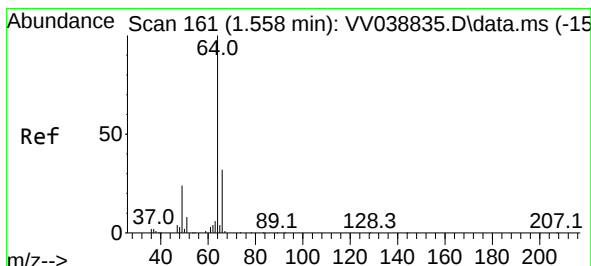
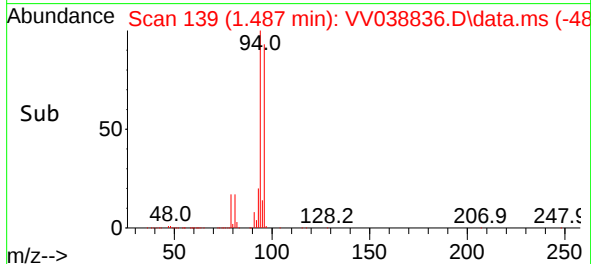
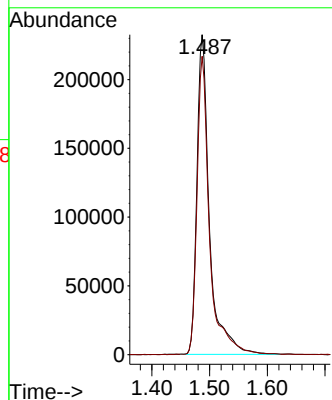
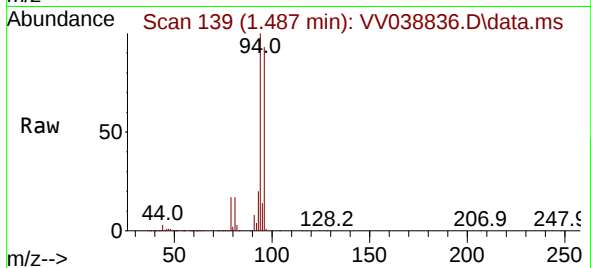




#5
Bromomethane
Concen: 92.761 ug/l
RT: 1.487 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

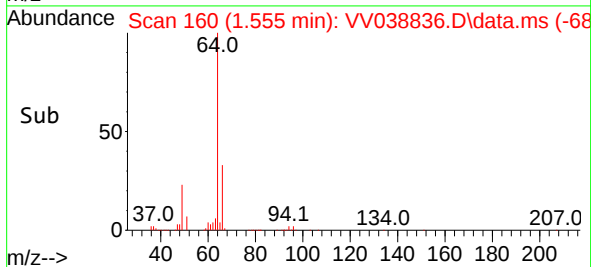
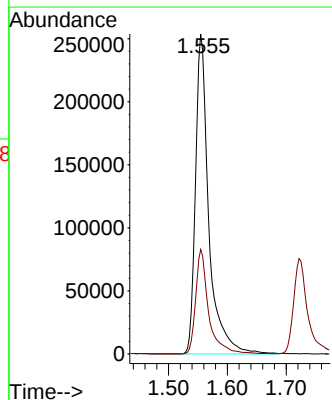
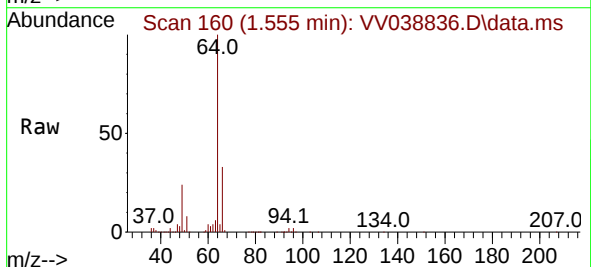
Instrument :
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ClientSampleId :
VSTDIC100

Tgt Ion: 94 Resp: 350306
Ion Ratio Lower Upper
94 100
96 93.2 72.2 108.4



#6
Chloroethane
Concen: 95.841 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 64 Resp: 397604
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.0

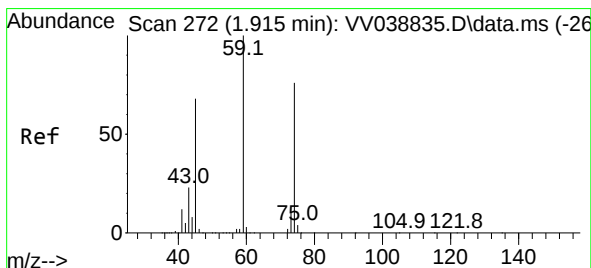
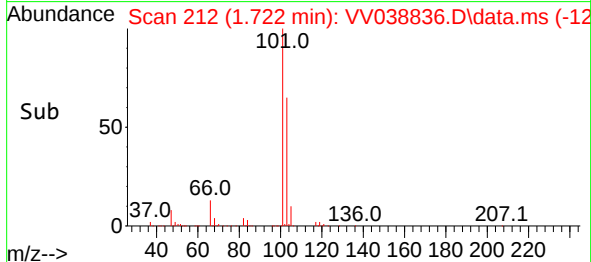
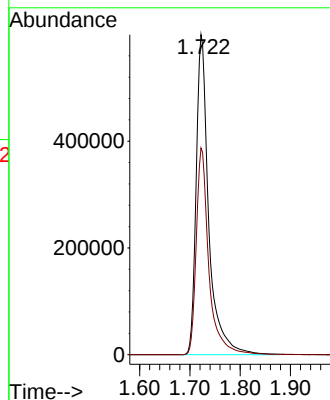
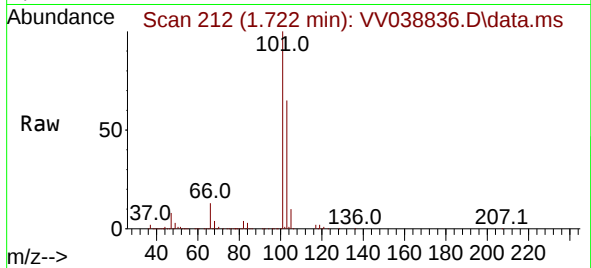




#7
 Trichlorofluoromethane
 Concen: 95.035 ug/l
 RT: 1.722 min Scan# 213
 Delta R.T. -0.003 min
 Lab File: VV038836.D
 Acq: 02 Jul 2025 11:45

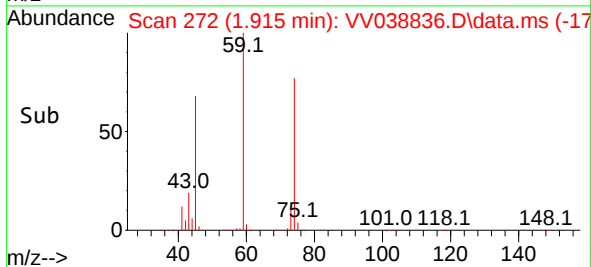
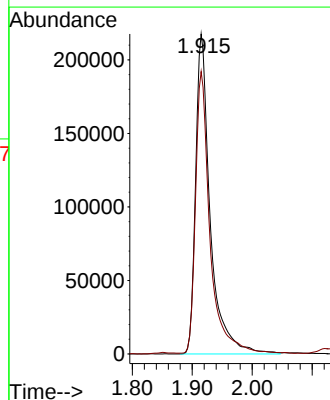
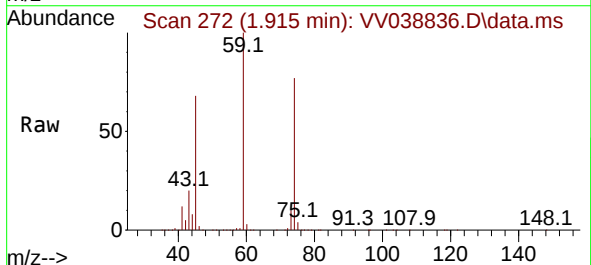
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 ClientSampleId :
 VSTDIC100

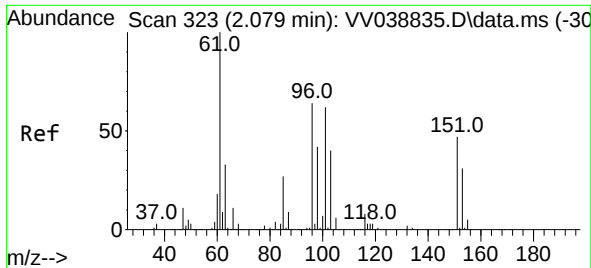
Tgt Ion:101 Resp: 1040495
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.8 79.2



#8
 Diethyl Ether
 Concen: 97.121 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. -0.000 min
 Lab File: VV038836.D
 Acq: 02 Jul 2025 11:45

Tgt Ion: 74 Resp: 370021
 Ion Ratio Lower Upper
 74 100
 45 86.6 43.9 131.7

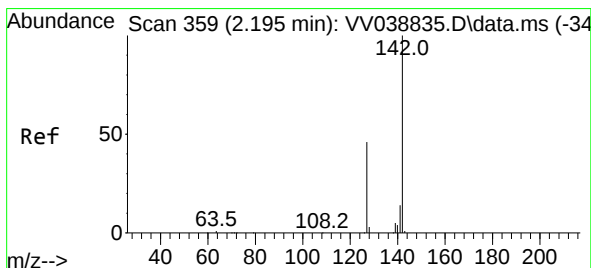
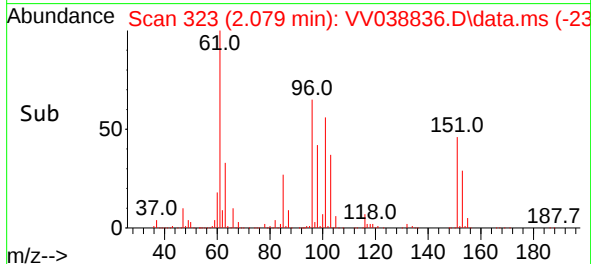
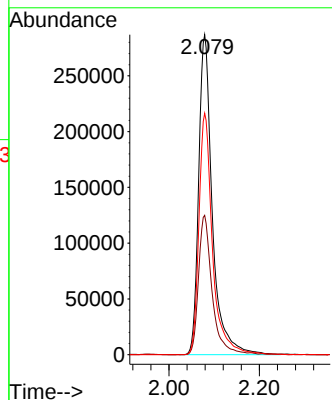
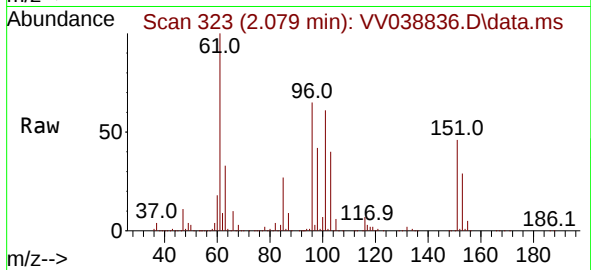




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.372 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038836.D
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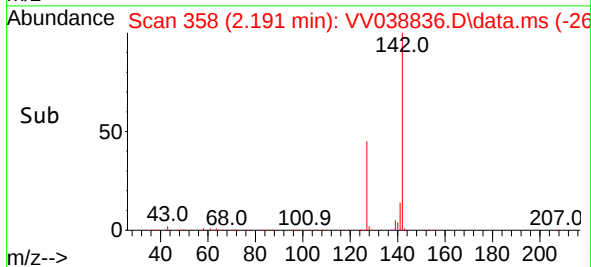
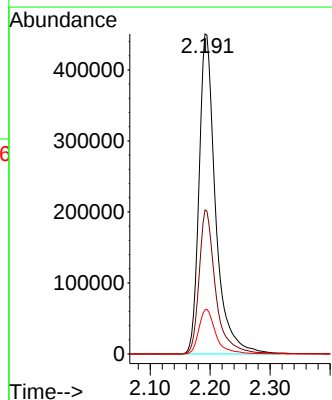
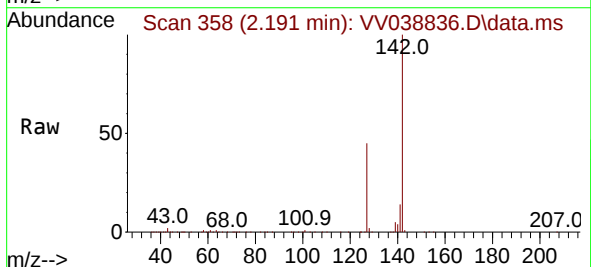
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

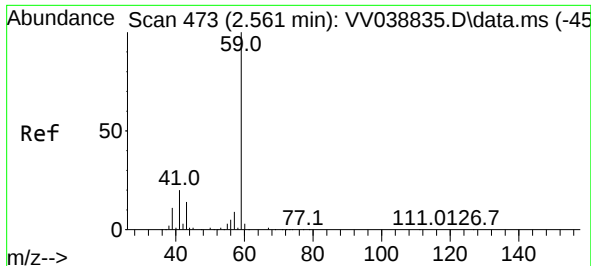
Tgt Ion:101 Resp: 602804
Ion Ratio Lower Upper
101 100
85 43.2 34.6 52.0
151 75.4 60.4 90.6



#10
Methyl Iodide
Concen: 109.920 ug/l
RT: 2.191 min Scan# 358
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion:142 Resp: 863385
Ion Ratio Lower Upper
142 100
127 45.1 36.9 55.3
141 14.4 11.8 17.8

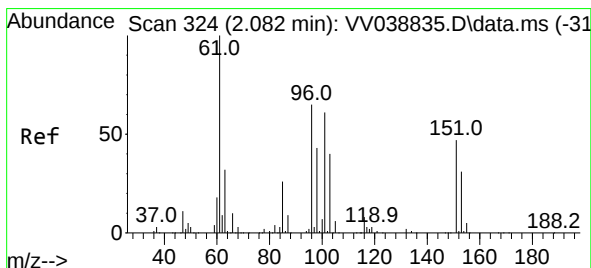
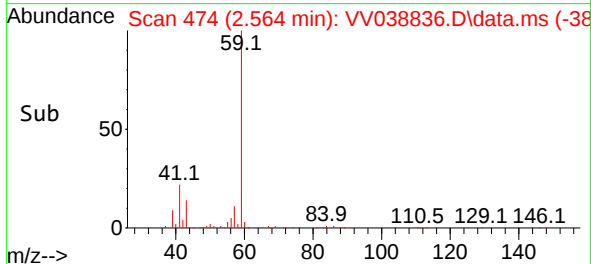
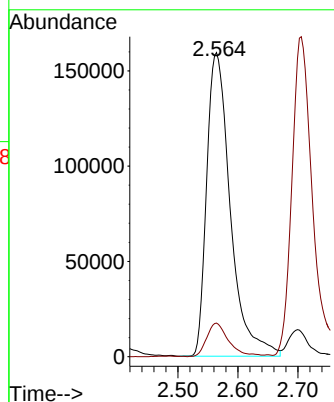
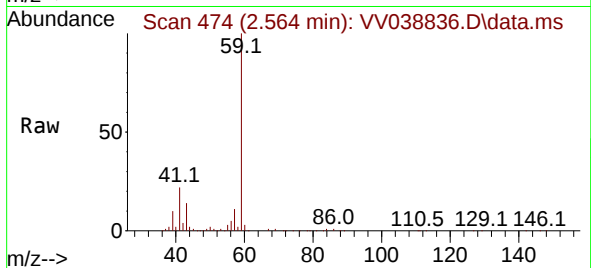




#11
Tert butyl alcohol
Concen: 523.797 ug/l
RT: 2.564 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

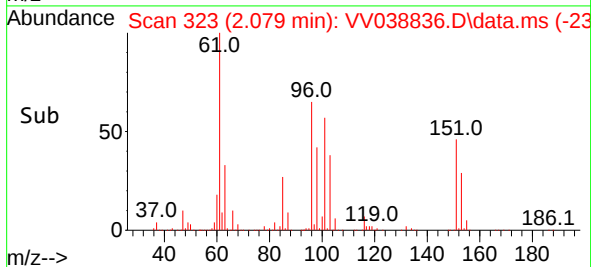
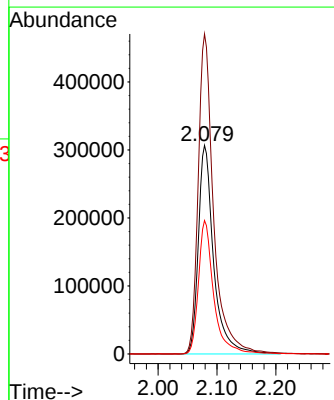
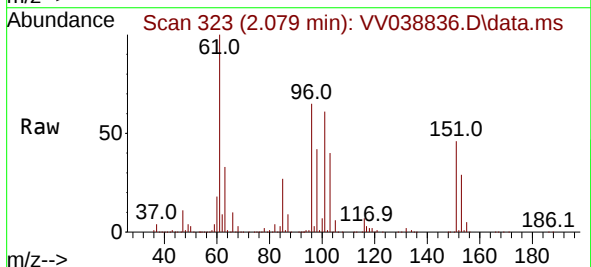
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

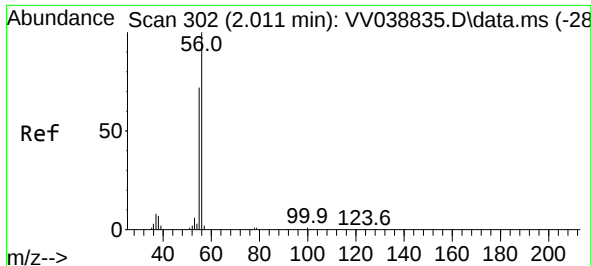
Tgt Ion: 59 Resp: 437798
Ion Ratio Lower Upper
59 100
57 10.4 8.0 12.0



#12
1,1-Dichloroethene
Concen: 94.675 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 96 Resp: 557071
Ion Ratio Lower Upper
96 100
61 153.4 123.5 185.3
98 63.9 52.5 78.7

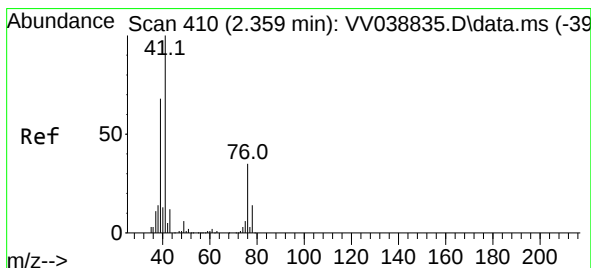
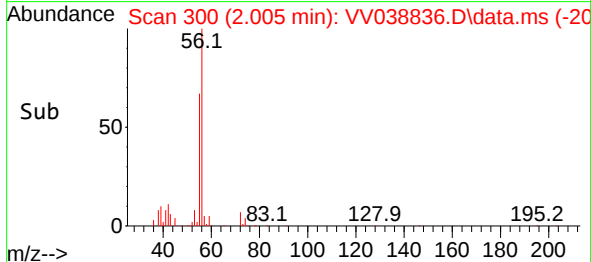
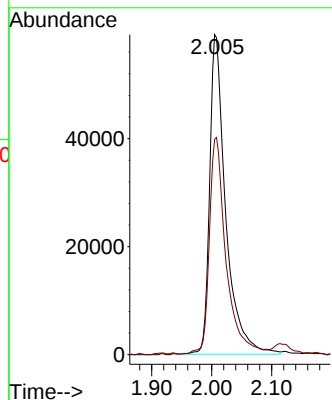
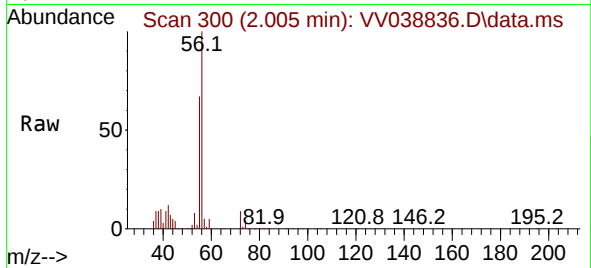




#13
Acrolein
Concen: 527.127 ug/l
RT: 2.005 min Scan# 30
Delta R.T. -0.006 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

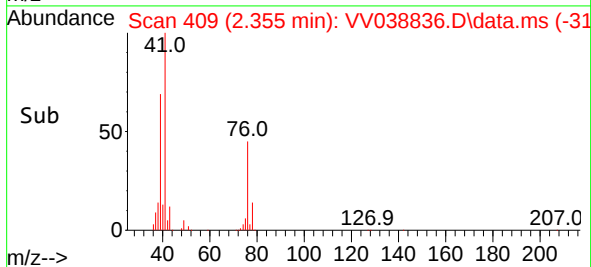
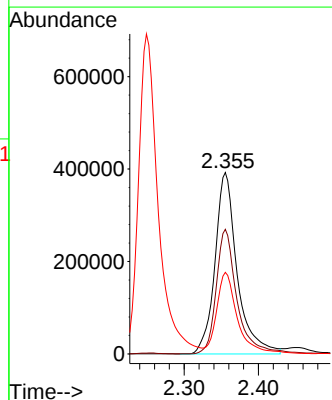
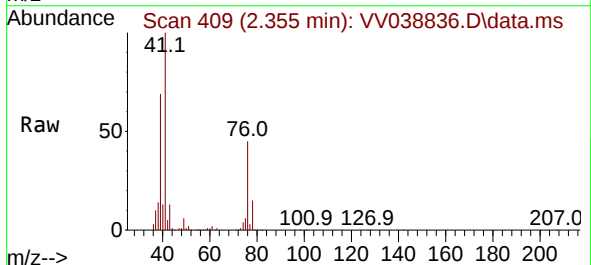
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

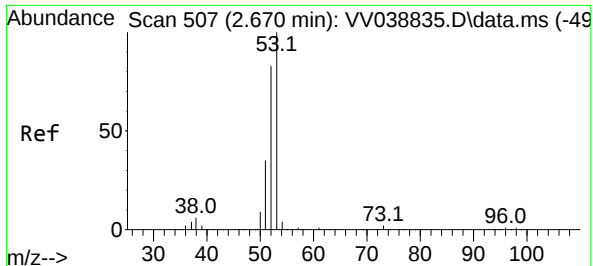
Tgt Ion: 56 Resp: 110012
Ion Ratio Lower Upper
56 100
55 69.8 53.4 80.2



#14
Allyl chloride
Concen: 103.023 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 41 Resp: 815196
Ion Ratio Lower Upper
41 100
39 65.0 51.0 76.4
76 42.2 33.6 50.4

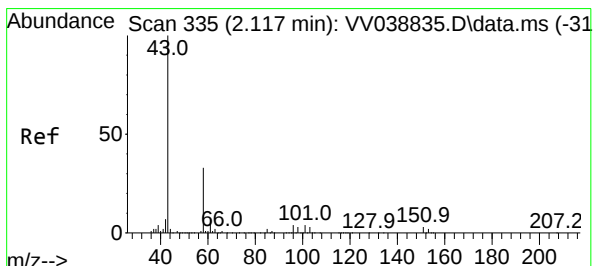
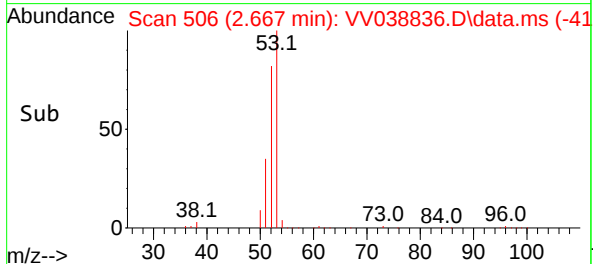
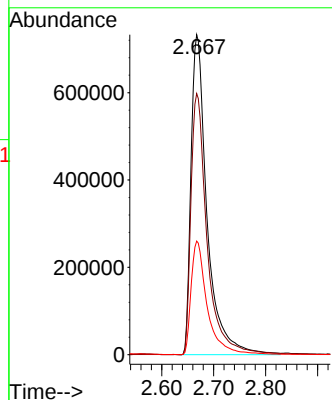
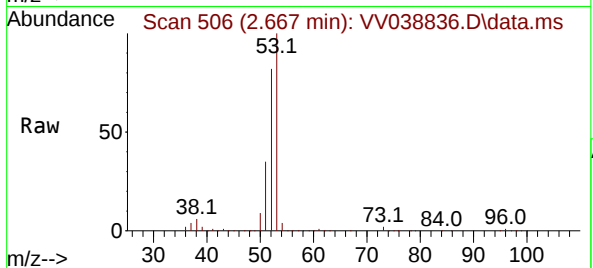




#15
Acrylonitrile
Concen: 539.193 ug/l
RT: 2.667 min Scan# 507
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

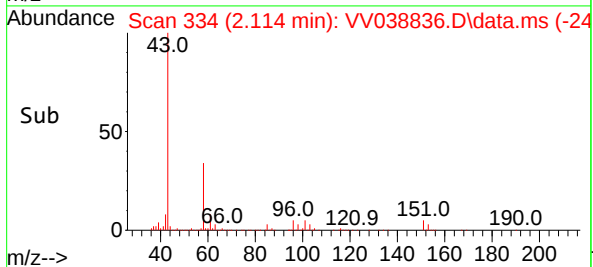
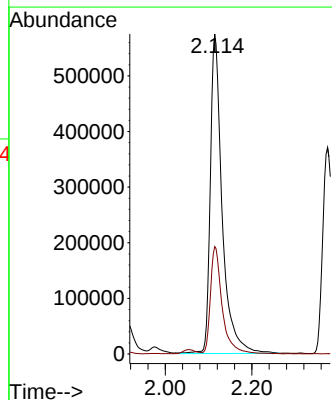
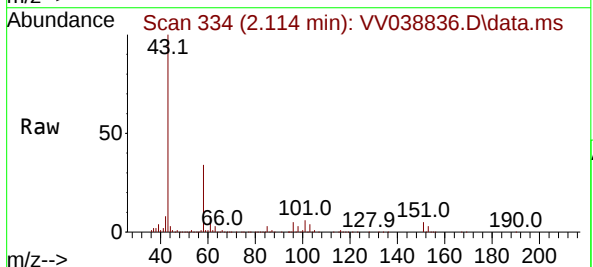
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

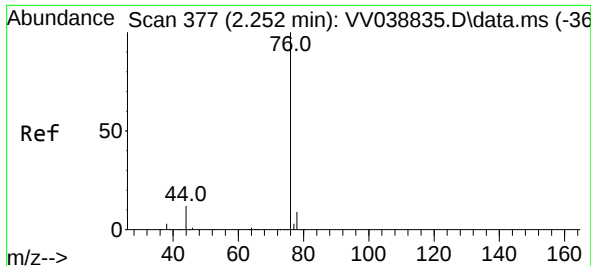
Tgt Ion: 53 Resp: 1576449
Ion Ratio Lower Upper
53 100
52 82.3 65.8 98.6
51 35.7 28.5 42.7



#16
Acetone
Concen: 511.013 ug/l
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 43 Resp: 1090429
Ion Ratio Lower Upper
43 100
58 33.6 27.0 40.4

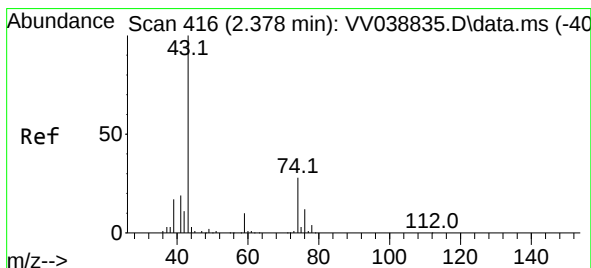
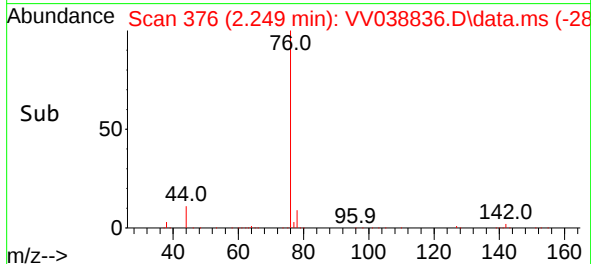
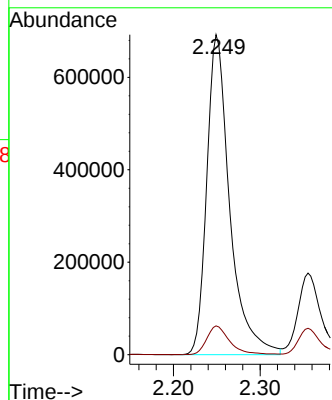
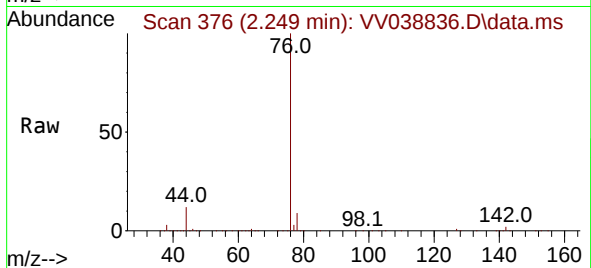




#17
Carbon Disulfide
Concen: 93.410 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

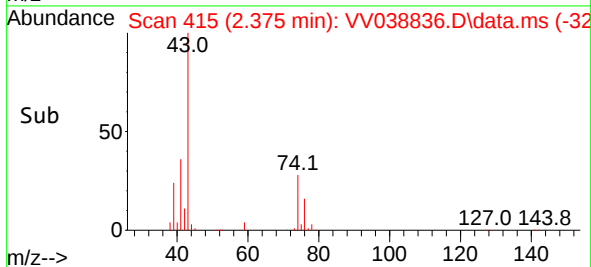
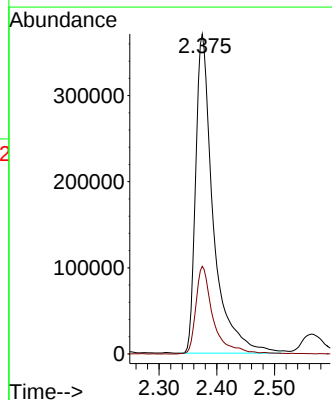
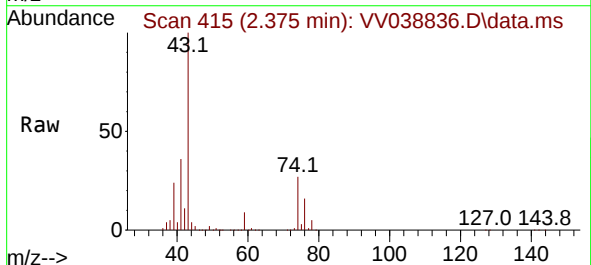
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

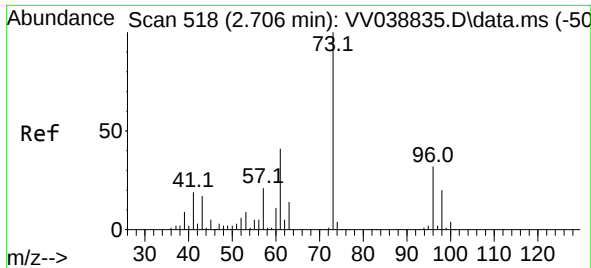
Tgt Ion: 76 Resp: 1273154
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 107.737 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 43 Resp: 783906
Ion Ratio Lower Upper
43 100
74 26.7 21.4 32.0

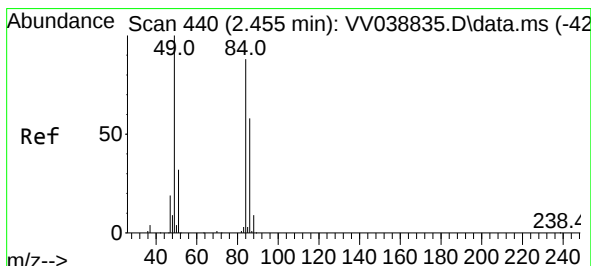
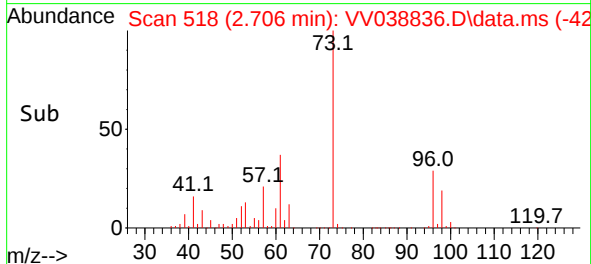
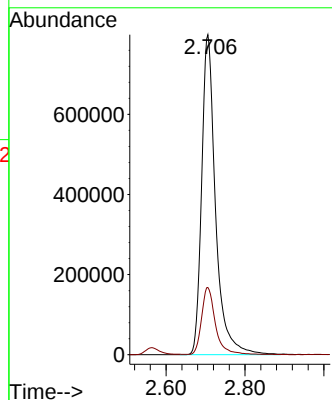
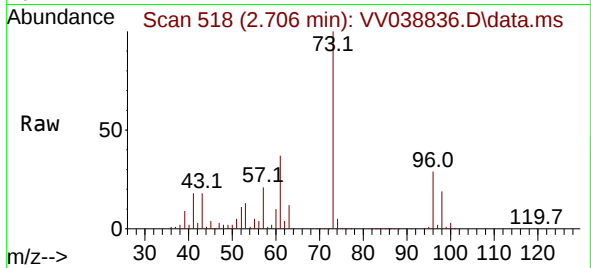




#19
Methyl tert-butyl Ether
Concen: 107.285 ug/l
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

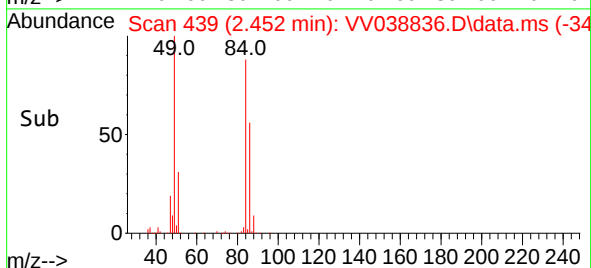
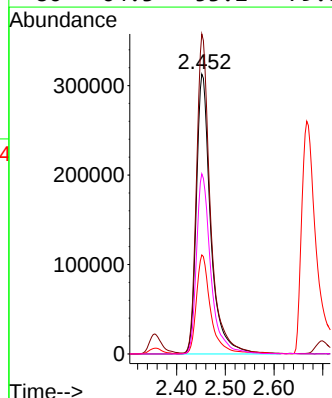
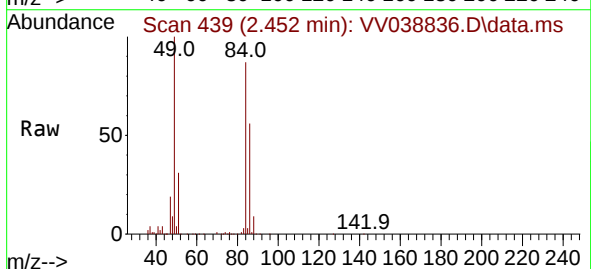
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

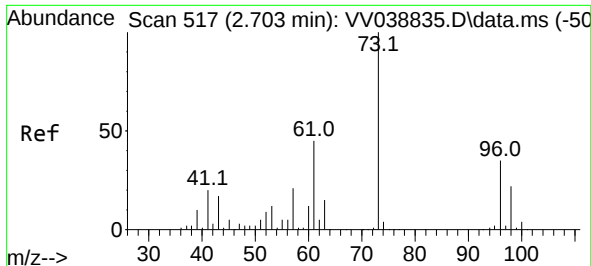
Tgt Ion: 73 Resp: 1951760
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.4



#20
Methylene Chloride
Concen: 90.296 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 84 Resp: 636777
Ion Ratio Lower Upper
84 100
49 114.1 91.0 136.4
51 35.2 29.4 44.2
86 64.3 53.2 79.8

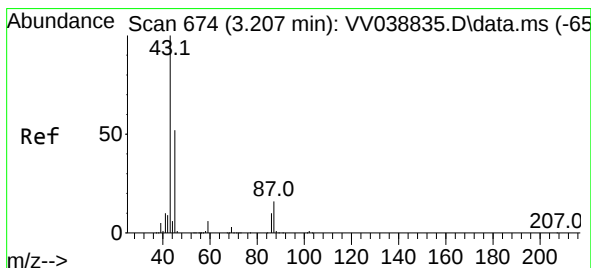
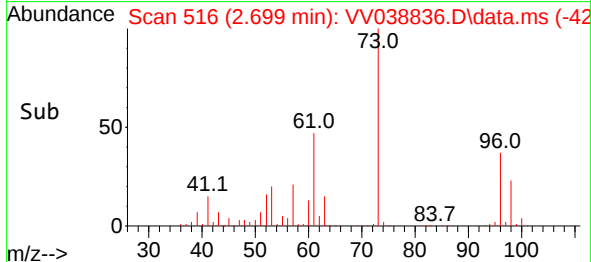
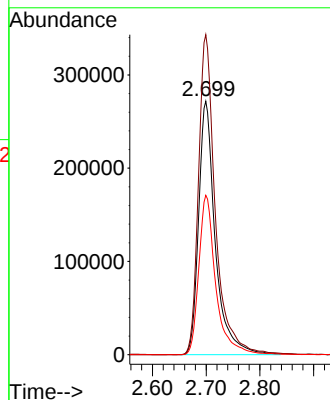
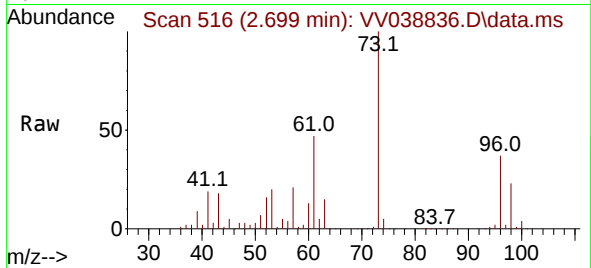




#21
trans-1,2-Dichloroethene
Concen: 99.712 ug/l
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

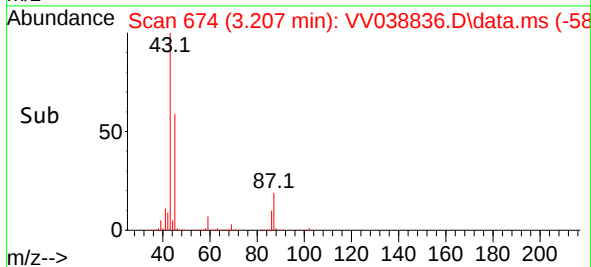
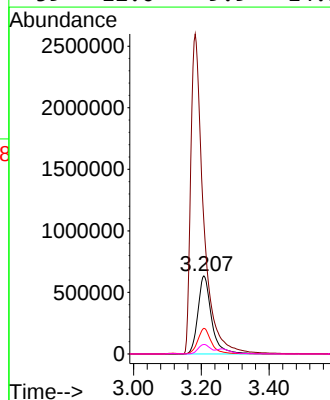
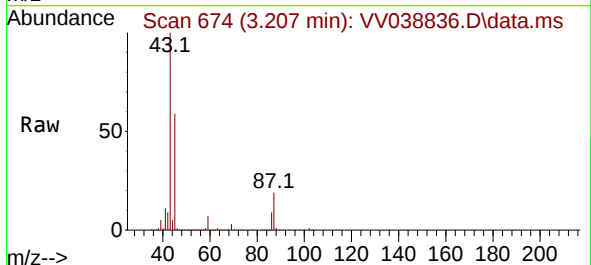
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

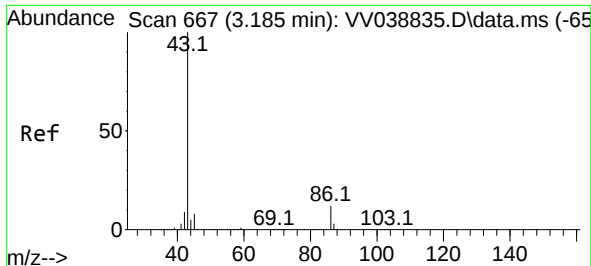
Tgt Ion: 96 Resp: 586730
Ion Ratio Lower Upper
96 100
61 126.2 102.8 154.2
98 62.9 50.9 76.3



#22
Diisopropyl ether
Concen: 109.087 ug/l
RT: 3.207 min Scan# 674
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 45 Resp: 1769655
Ion Ratio Lower Upper
45 100
43 169.0 153.1 229.7
87 32.8 25.2 37.8
59 12.0 9.9 14.9

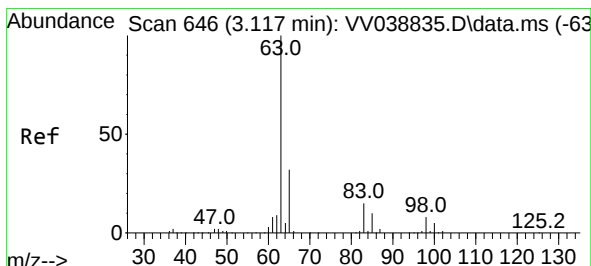
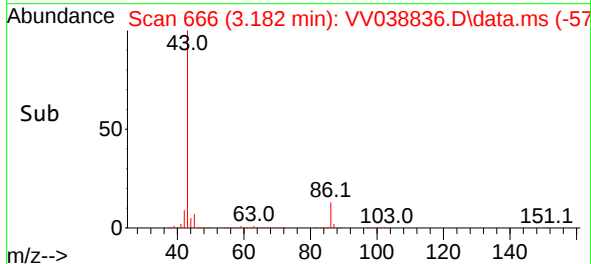
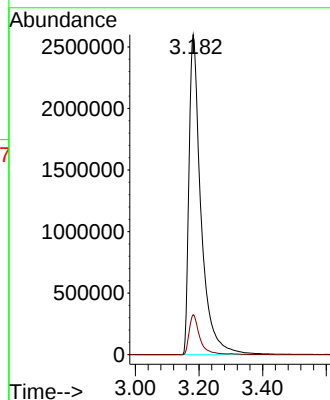
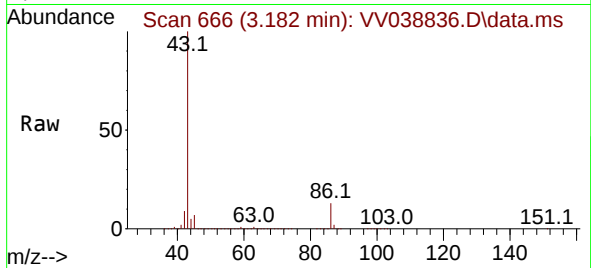




#23
 Vinyl Acetate
 Concen: 582.344 ug/l
 RT: 3.182 min Scan# 666
 Delta R.T. -0.003 min
 Lab File: VV038836.D
 Acq: 02 Jul 2025 11:45

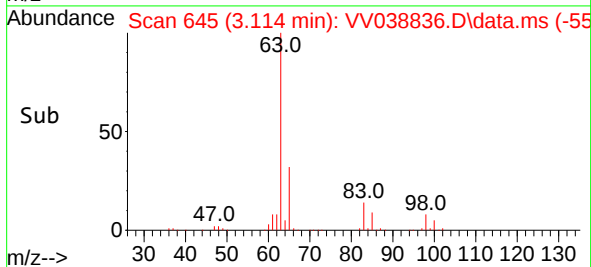
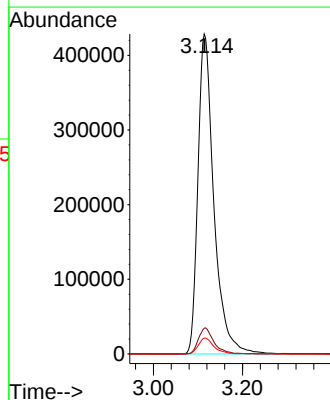
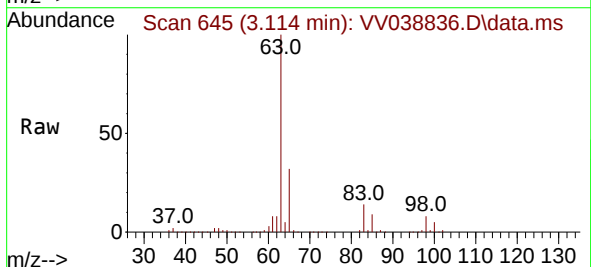
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

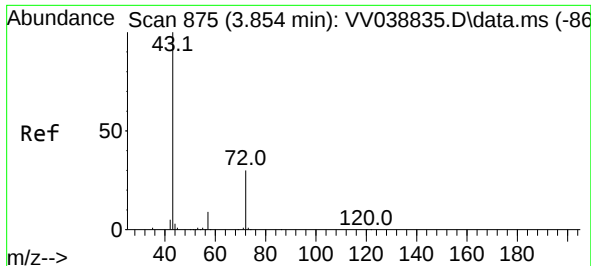
Tgt Ion: 43 Resp: 6812222
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 97.655 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV038836.D
 Acq: 02 Jul 2025 11:45

Tgt Ion: 63 Resp: 1067963
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.1 12.3
 100 5.0 2.4 7.2

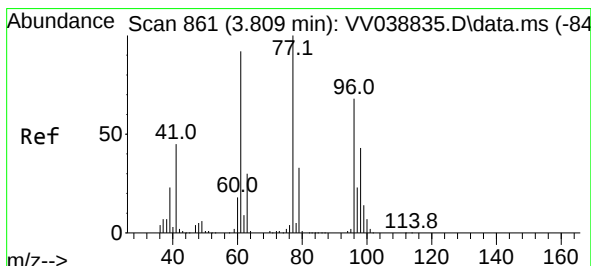
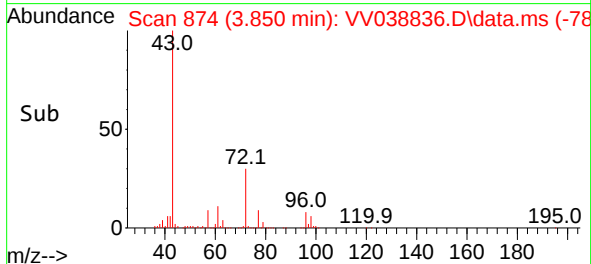
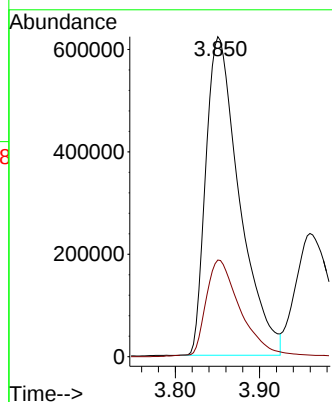
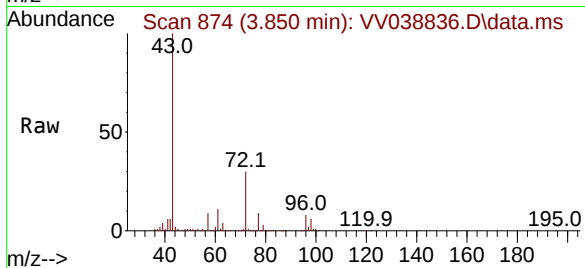




#25
2-Butanone
Concen: 574.189 ug/l
RT: 3.850 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

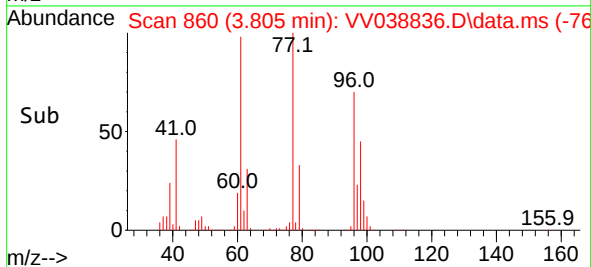
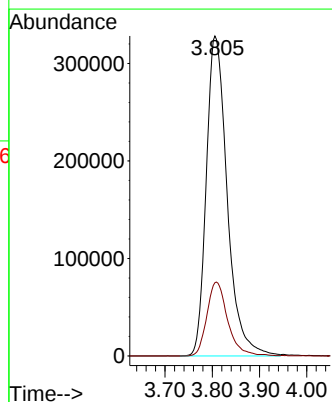
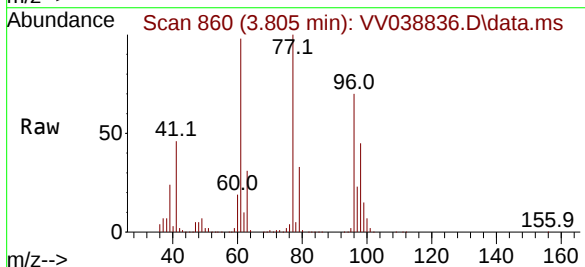
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

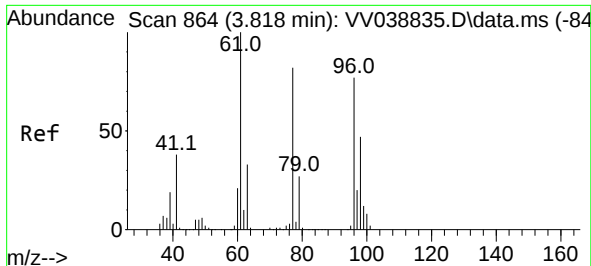
Tgt Ion: 43 Resp: 1726441
Ion Ratio Lower Upper
43 100
72 29.9 23.8 35.8



#26
2,2-Dichloropropane
Concen: 99.653 ug/l
RT: 3.805 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 77 Resp: 1010065
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.4



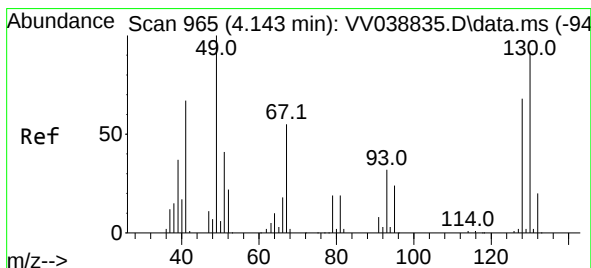
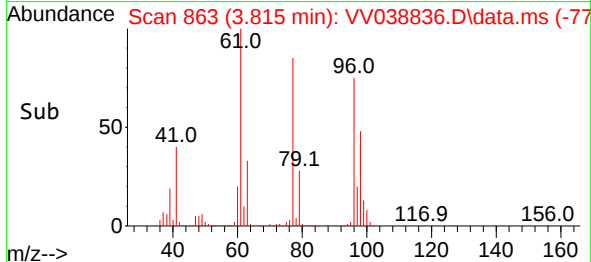
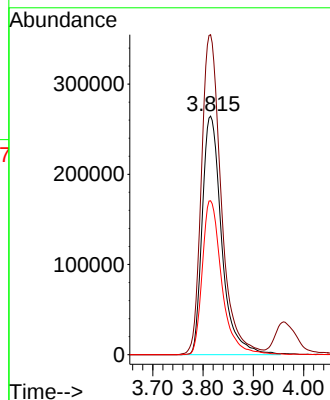
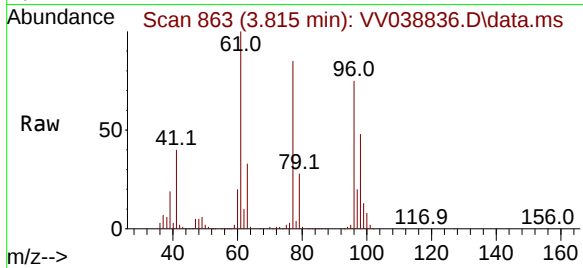


#27
 cis-1,2-Dichloroethene
 Concen: 103.661 ug/l
 RT: 3.815 min Scan# 863
 Delta R.T. -0.003 min
 Lab File: VV038836.D
 Acq: 02 Jul 2025 11:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 710831

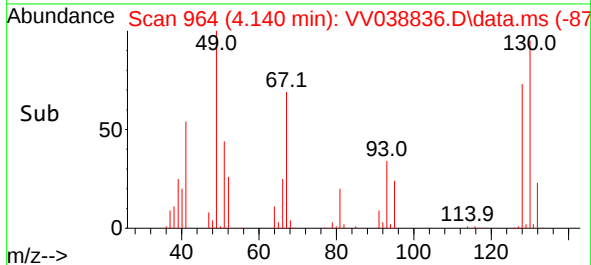
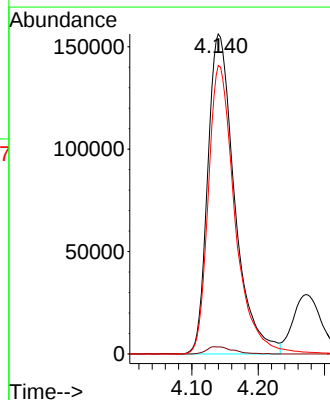
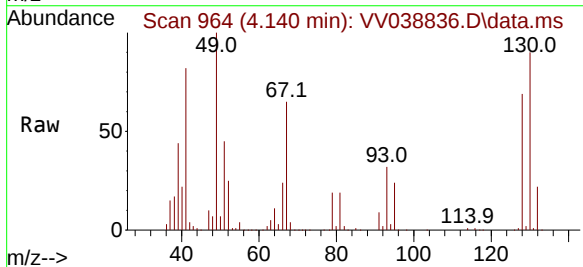
Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	268.4
98	64.6	0.0	128.0

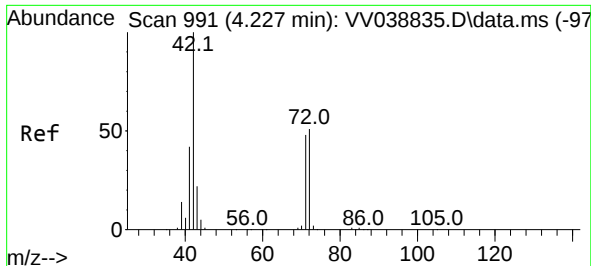


#28
 Bromochloromethane
 Concen: 94.172 ug/l
 RT: 4.140 min Scan# 964
 Delta R.T. -0.003 min
 Lab File: VV038836.D
 Acq: 02 Jul 2025 11:45

Tgt Ion: 49 Resp: 440156

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.2#
130	89.5	72.5	108.7





#29

Tetrahydrofuran

Concen: 570.471 ug/l

RT: 4.223 min Scan# 991

Delta R.T. -0.003 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Instrument :

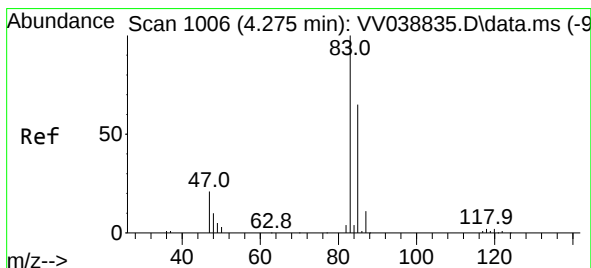
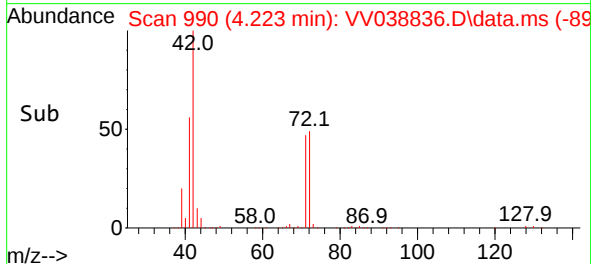
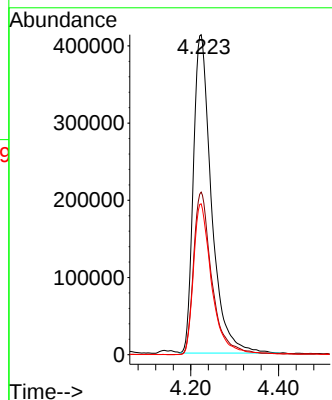
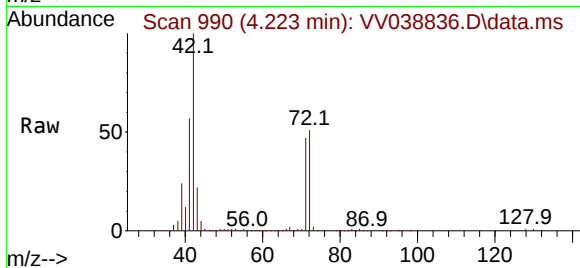
MSVOA_V

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 1179667

Ion	Ratio	Lower	Upper
42	100		
72	51.6	41.3	61.9
71	48.2	39.2	58.8



#30

Chloroform

Concen: 97.885 ug/l

RT: 4.272 min Scan# 1005

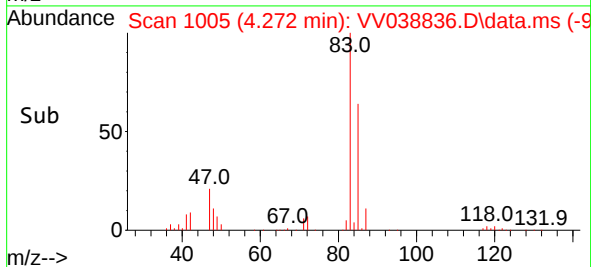
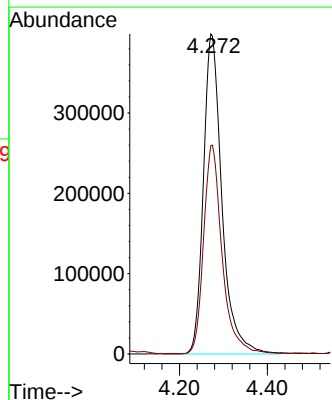
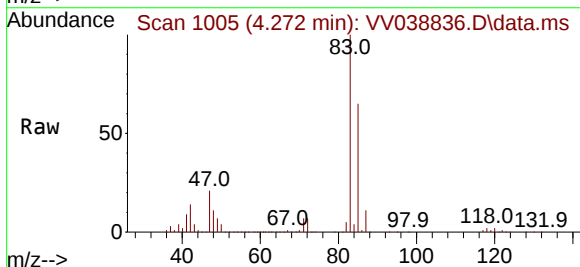
Delta R.T. -0.003 min

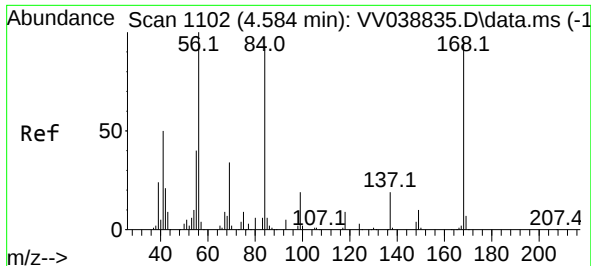
Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Tgt Ion: 83 Resp: 1166333

Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.8	77.6





#31

Cyclohexane

Concen: 96.156 ug/l

RT: 4.580 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

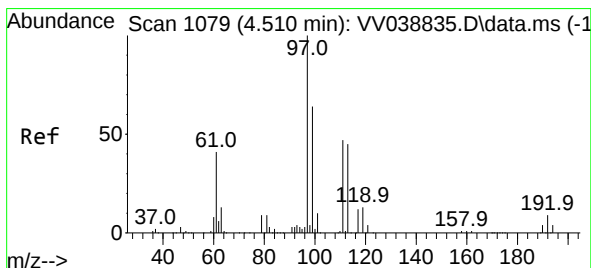
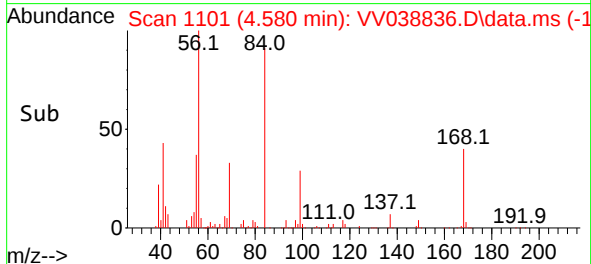
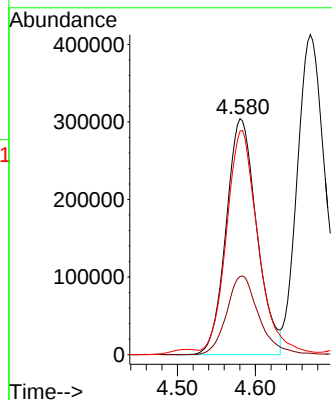
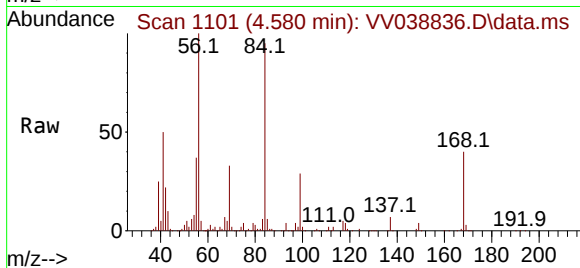
Tgt Ion: 56 Resp: 832775

Ion Ratio Lower Upper

56 100

69 33.1 27.0 40.4

84 92.7 74.4 111.6



#32

1,1,1-Trichloroethane

Concen: 96.956 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

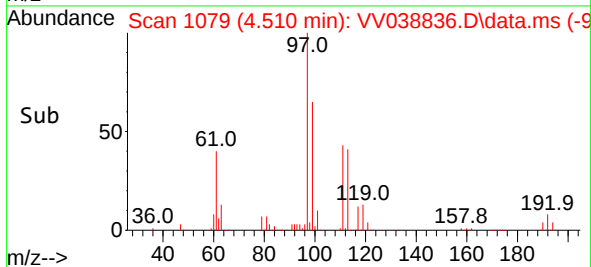
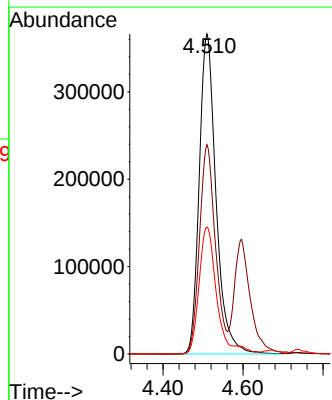
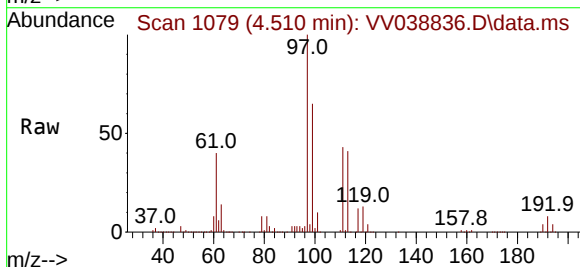
Tgt Ion: 97 Resp: 1072199

Ion Ratio Lower Upper

97 100

99 62.0 48.8 73.2

61 40.0 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 96.121 ug/l

RT: 4.934 min Scan# 1211

Delta R.T. -0.003 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

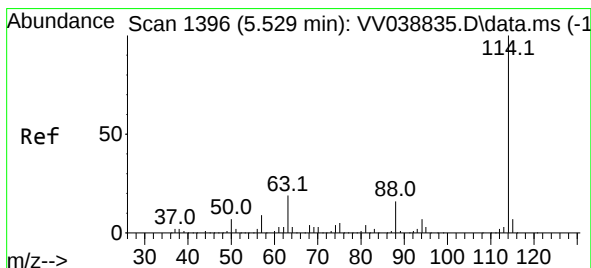
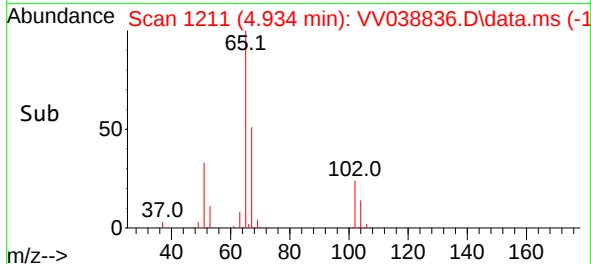
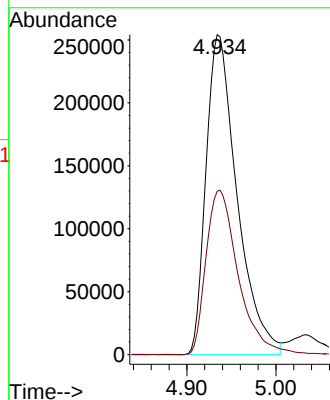
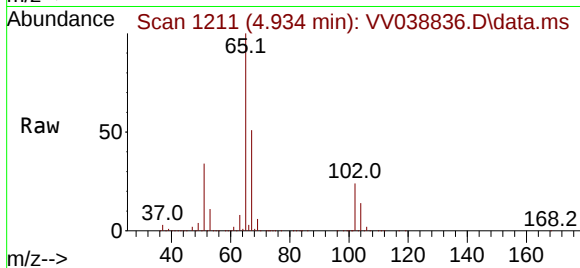
VSTDICC100

Tgt Ion: 65 Resp: 615485

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

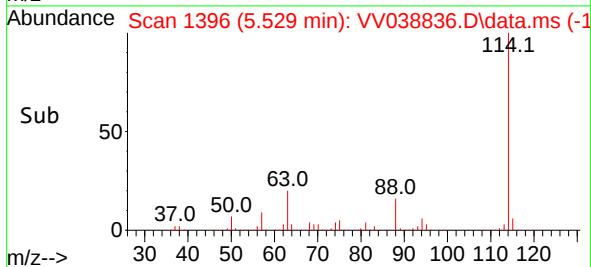
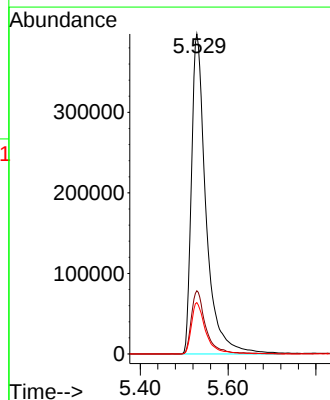
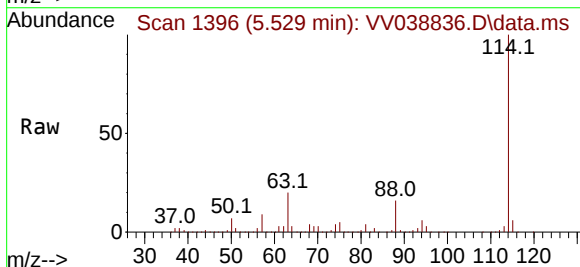
Tgt Ion: 114 Resp: 914729

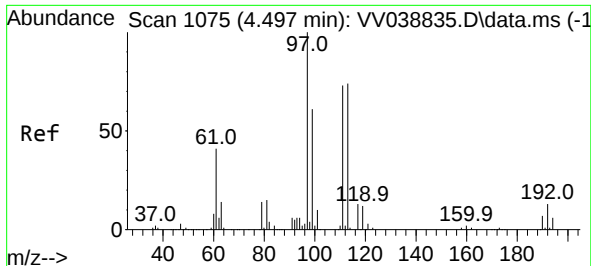
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

88 16.1 0.0 31.2

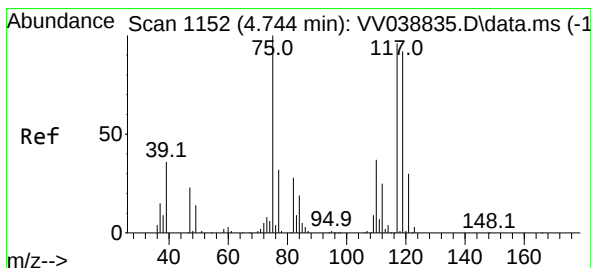
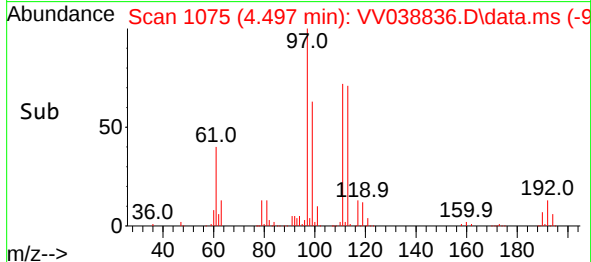
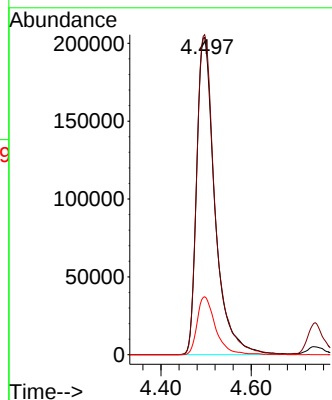
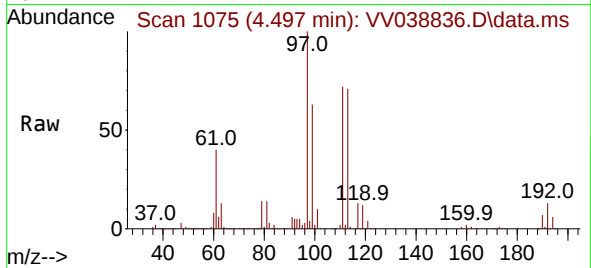




#35
Dibromofluoromethane
Concen: 98.679 ug/l
RT: 4.497 min Scan# 110
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

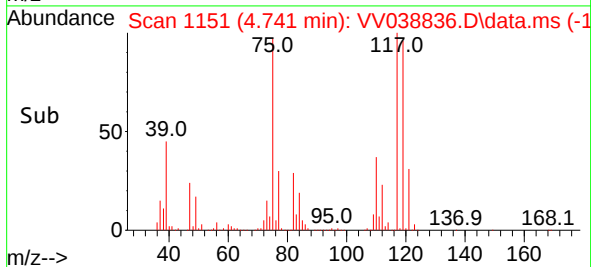
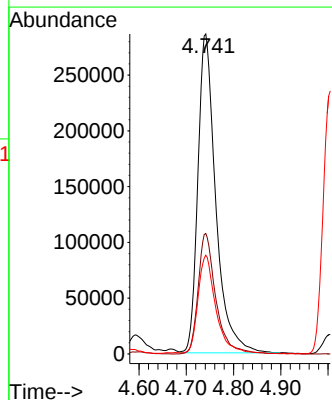
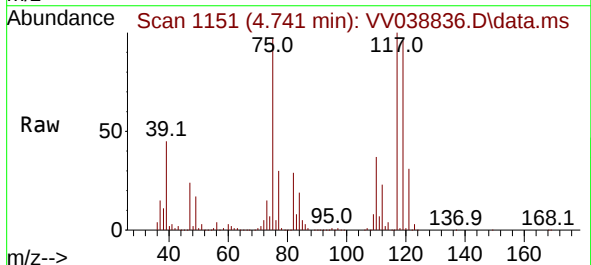
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

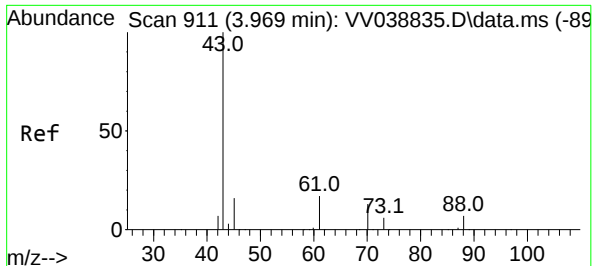
Tgt Ion:113 Resp: 571753
Ion Ratio Lower Upper
113 100
111 101.4 81.5 122.3
192 18.2 14.7 22.1



#36
1,1-Dichloropropene
Concen: 106.832 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 75 Resp: 751122
Ion Ratio Lower Upper
75 100
110 37.4 19.3 57.9
77 30.7 25.1 37.7

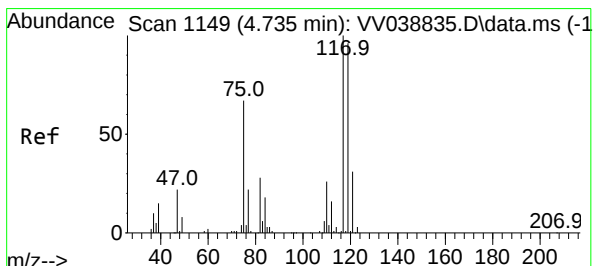
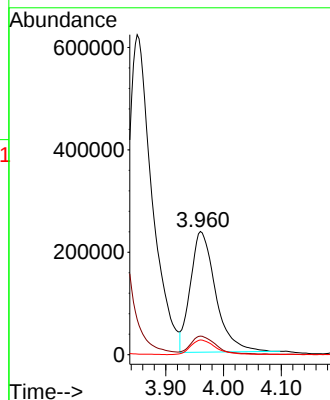
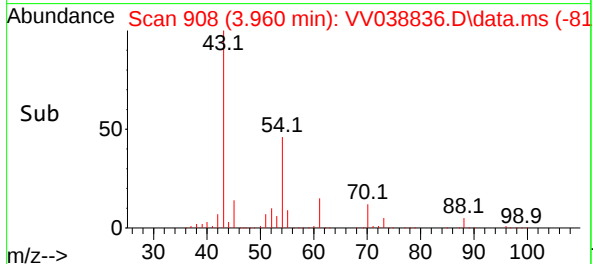
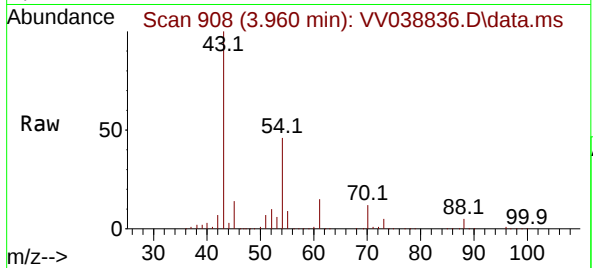




#37
Ethyl Acetate
Concen: 101.420 ug/l
RT: 3.960 min Scan# 911
Delta R.T. -0.010 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

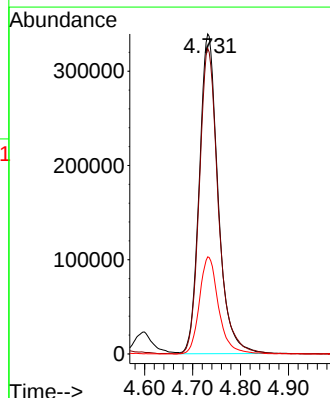
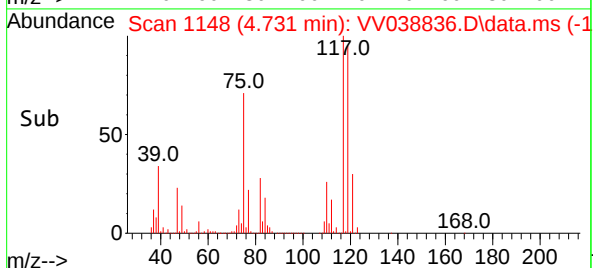
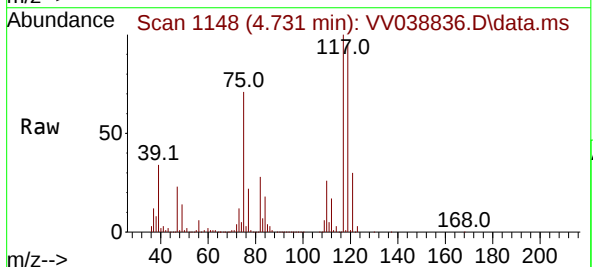
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

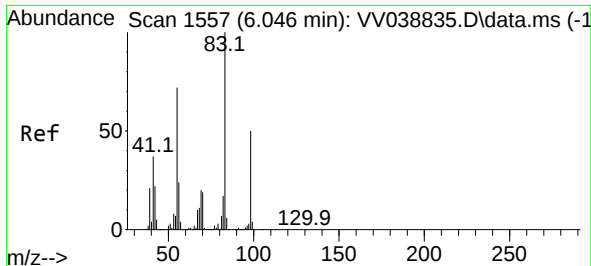
Tgt Ion: 43 Resp: 716944
Ion Ratio Lower Upper
43 100
61 15.0 13.0 19.4
70 12.0 9.6 14.4



#38
Carbon Tetrachloride
Concen: 99.735 ug/l
RT: 4.731 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 117 Resp: 922968
Ion Ratio Lower Upper
117 100
119 95.4 76.5 114.7
121 30.3 25.0 37.6





#39

Methylcyclohexane

Concen: 107.017 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

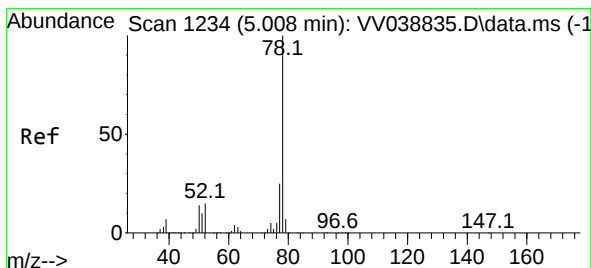
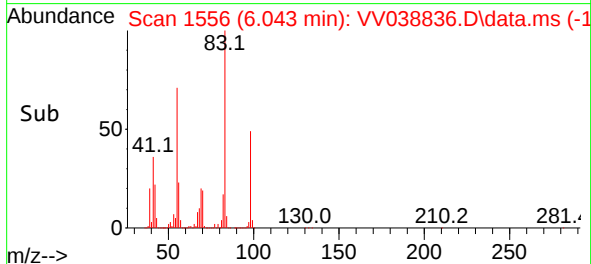
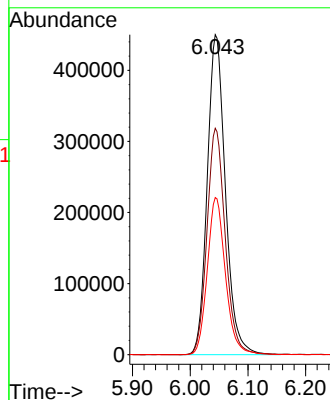
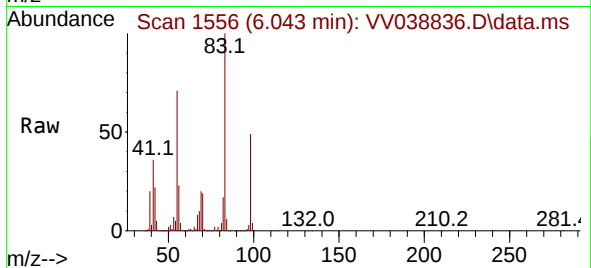
Tgt Ion: 83 Resp: 983775

Ion Ratio Lower Upper

83 100

55 70.7 57.7 86.5

98 49.1 40.2 60.2



#40

Benzene

Concen: 104.683 ug/l

RT: 5.005 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VV038836.D

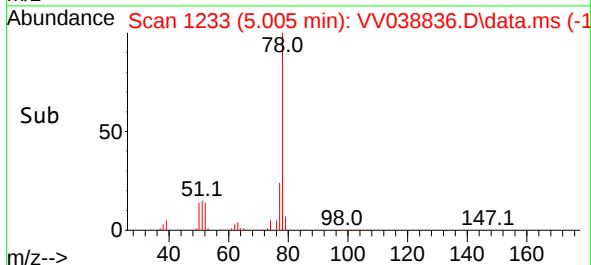
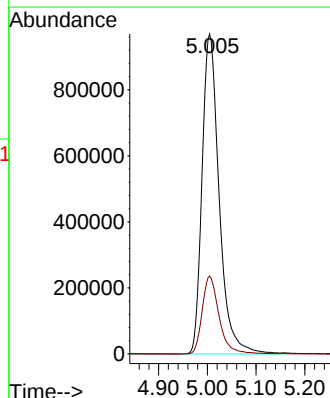
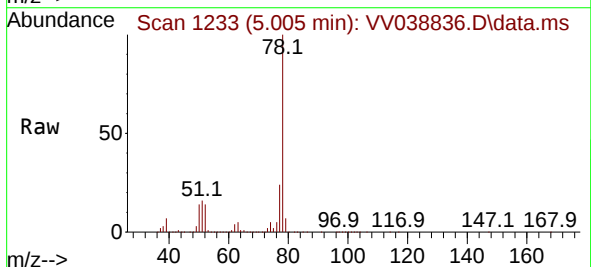
Acq: 02 Jul 2025 11:45

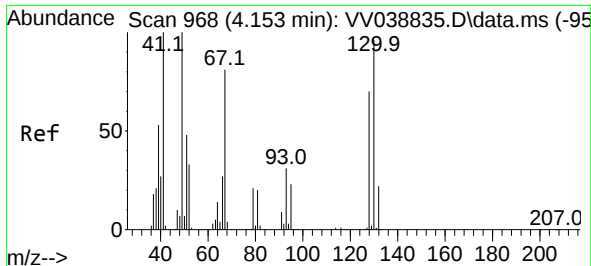
Tgt Ion: 78 Resp: 2360739

Ion Ratio Lower Upper

78 100

77 24.3 19.6 29.4



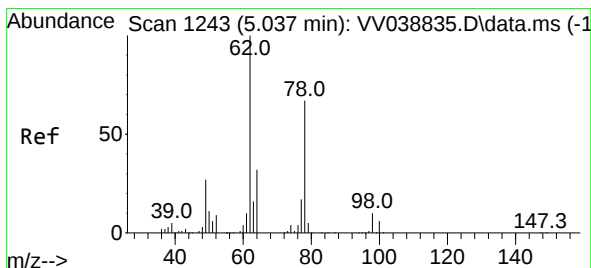
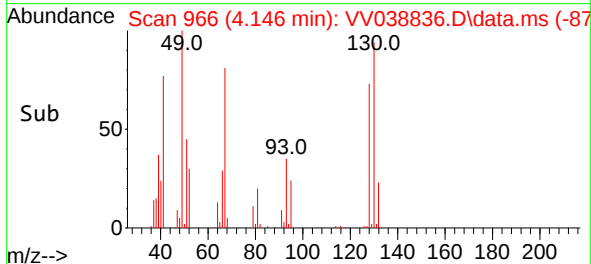
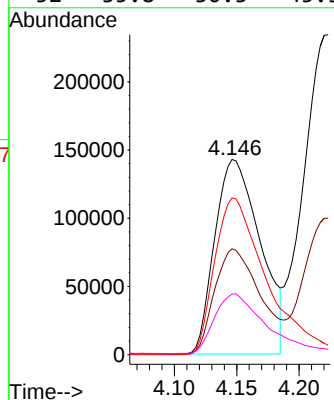
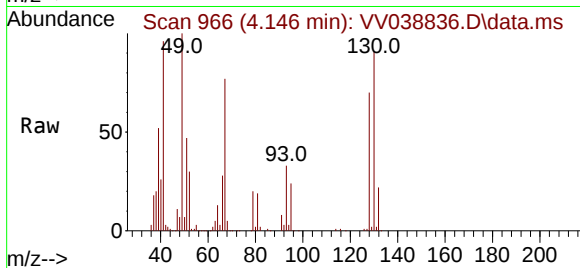


#41
Methacrylonitrile
Concen: 99.390 ug/l
RT: 4.146 min Scan# 966
Delta R.T. -0.006 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 362413

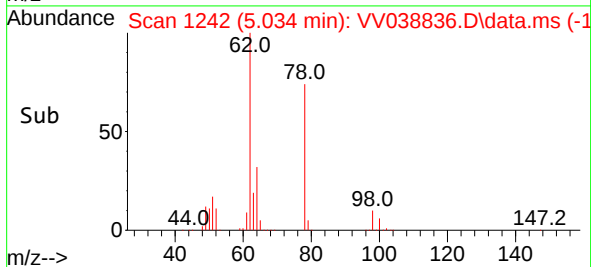
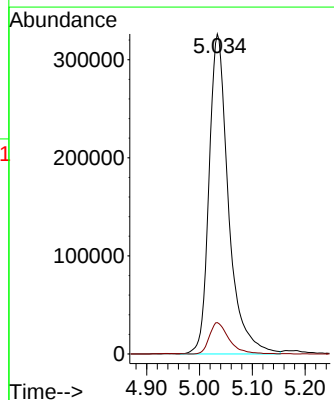
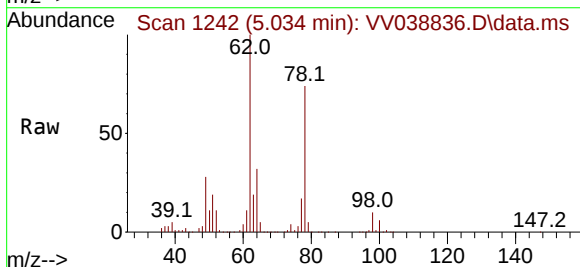
Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.8	65.8
67	95.5	78.8	118.2
52	35.8	30.3	45.5

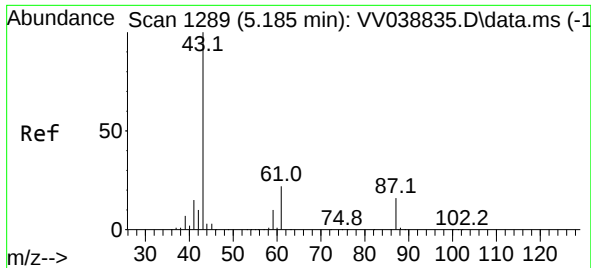


#42
1,2-Dichloroethane
Concen: 101.703 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 62 Resp: 835942

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0

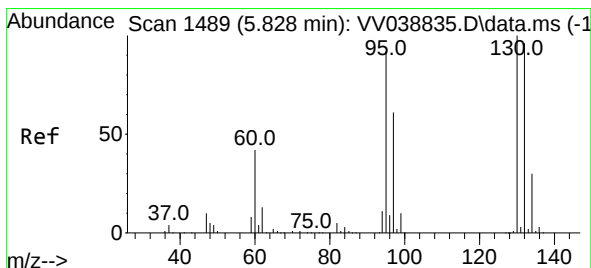
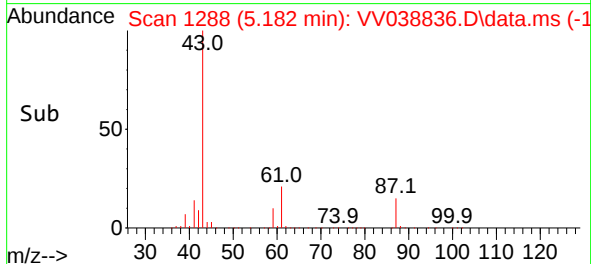
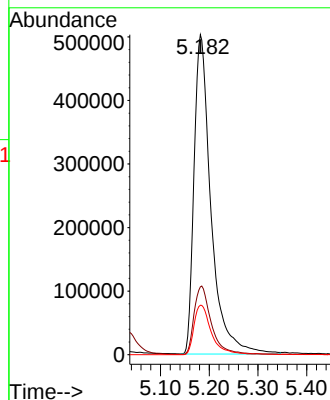
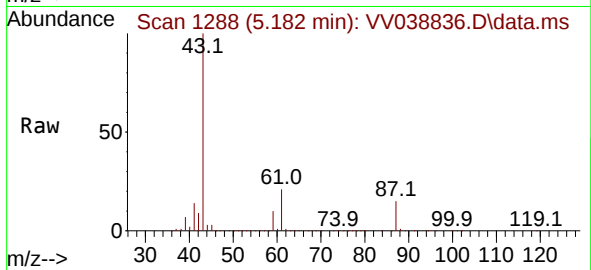




#43
Isopropyl Acetate
Concen: 106.580 ug/l
RT: 5.182 min Scan# 1288
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

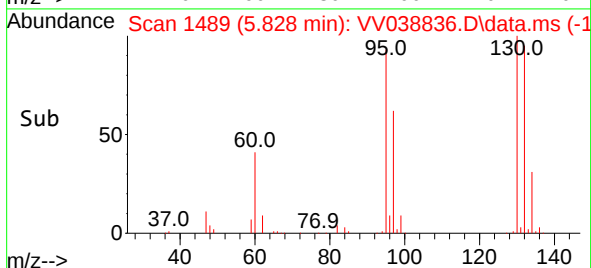
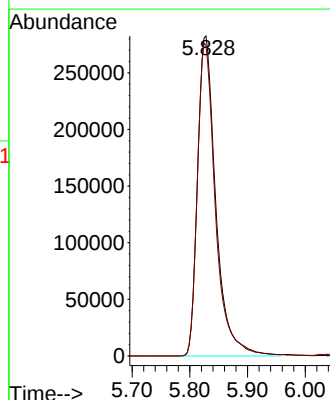
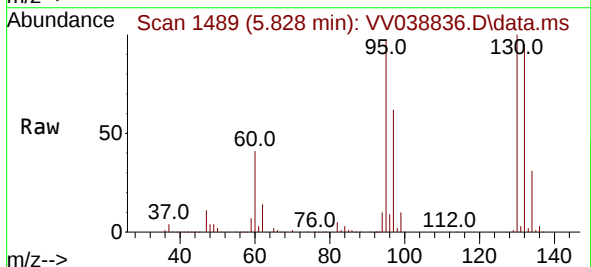
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

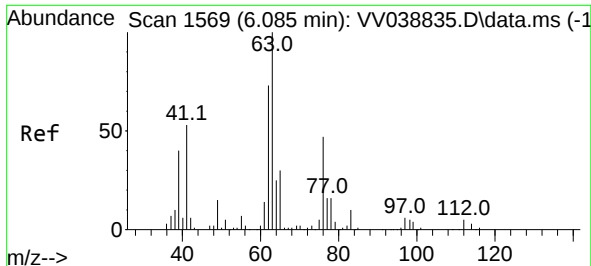
Tgt Ion: 43 Resp: 1214977
Ion Ratio Lower Upper
43 100
61 21.5 17.0 25.6
87 15.9 13.0 19.6



#44
Trichloroethene
Concen: 102.480 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion:130 Resp: 620903
Ion Ratio Lower Upper
130 100
95 97.0 0.0 184.4





#45

1,2-Dichloropropane

Concen: 100.817 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

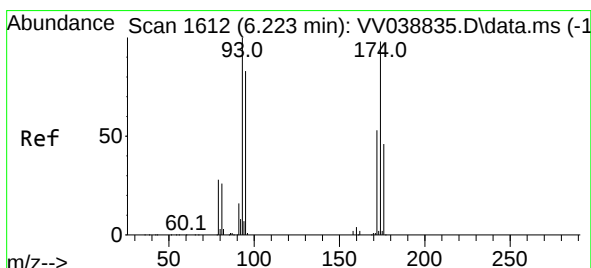
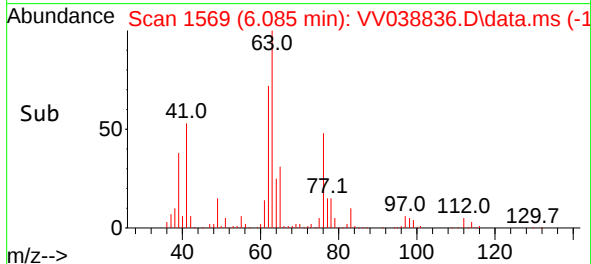
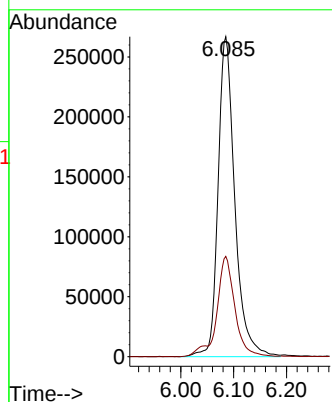
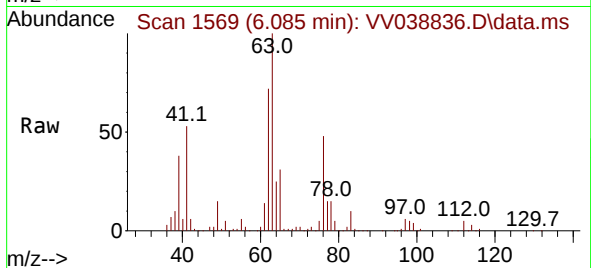
VSTDICC100

Tgt Ion: 63 Resp: 587829

Ion Ratio Lower Upper

63 100

65 31.3 24.3 36.5



#46

Dibromomethane

Concen: 99.432 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.003 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

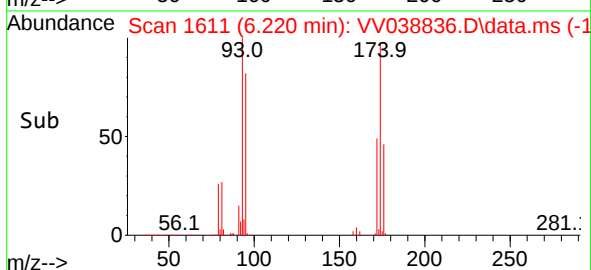
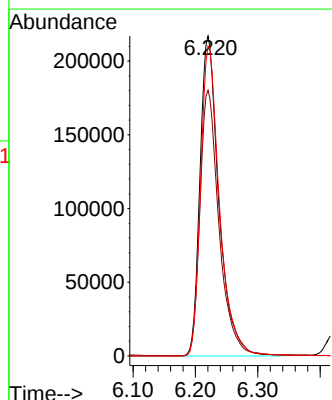
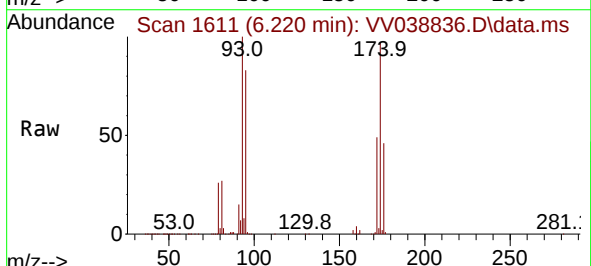
Tgt Ion: 93 Resp: 457200

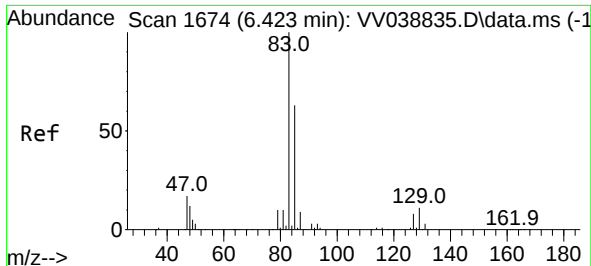
Ion Ratio Lower Upper

93 100

95 83.9 66.7 100.1

174 97.1 78.7 118.1

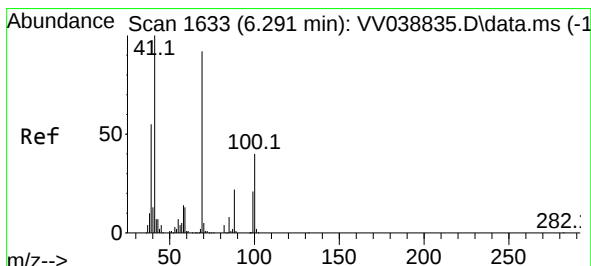
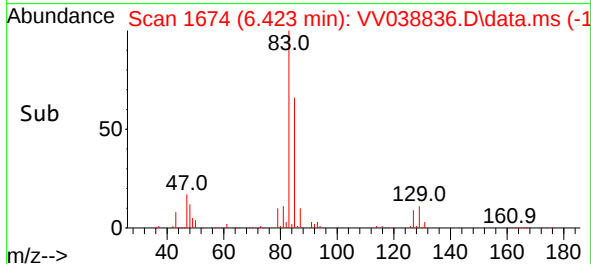
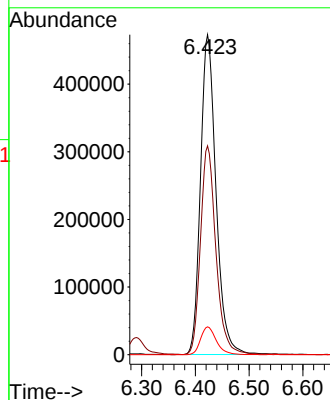
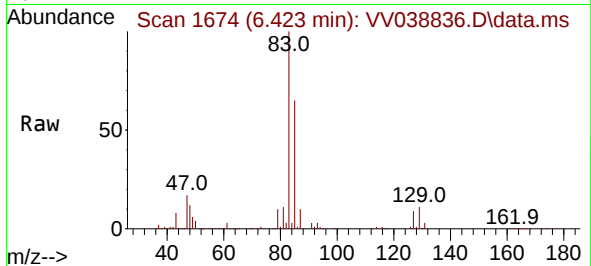




#47
Bromodichloromethane
Concen: 97.508 ug/l
RT: 6.423 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

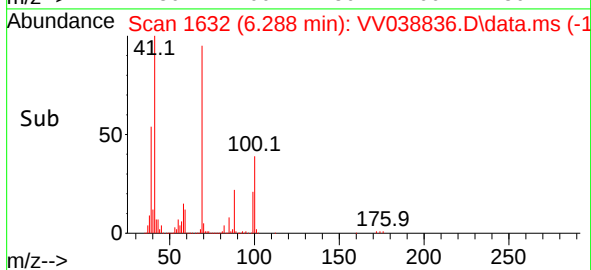
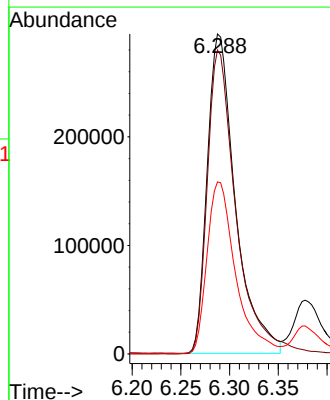
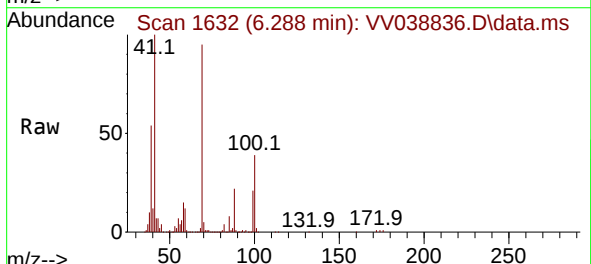
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

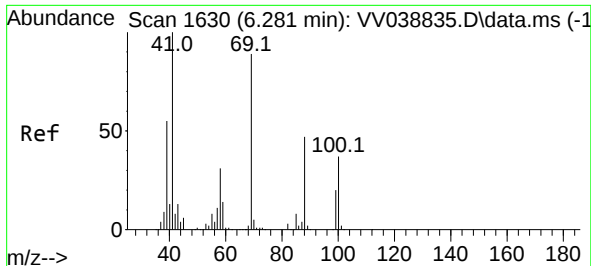
Tgt Ion: 83 Resp: 949365
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 114.891 ug/l
RT: 6.288 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 41 Resp: 592268
Ion Ratio Lower Upper
41 100
69 97.5 77.4 116.2
39 54.6 44.2 66.4





#49

1,4-Dioxane

Concen: 2172.483 ug/l

RT: 6.281 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

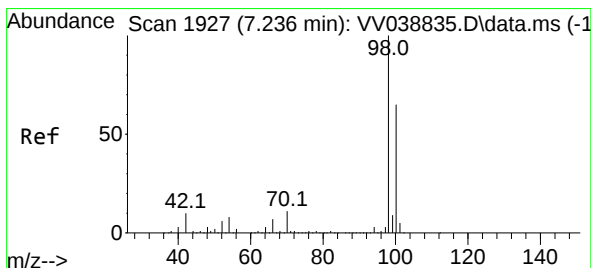
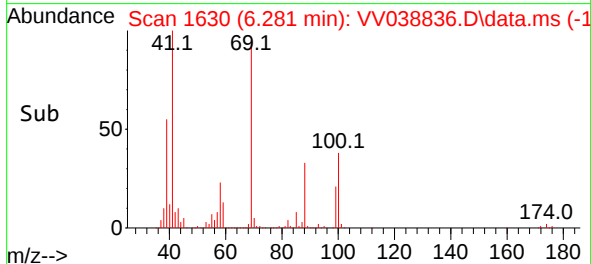
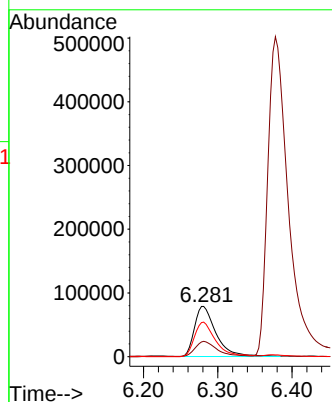
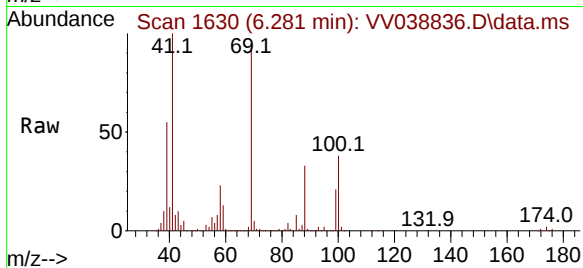
Tgt Ion: 88 Resp: 158093

Ion Ratio Lower Upper

88 100

43 30.4 25.2 37.8

58 67.9 52.1 78.1



#50

Toluene-d8

Concen: 98.034 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038836.D

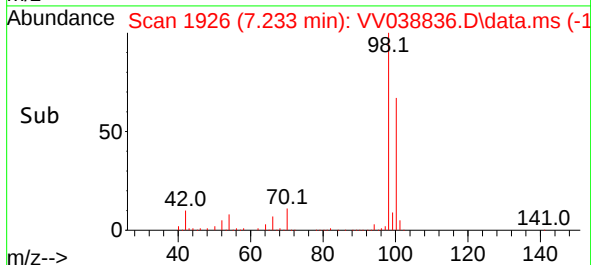
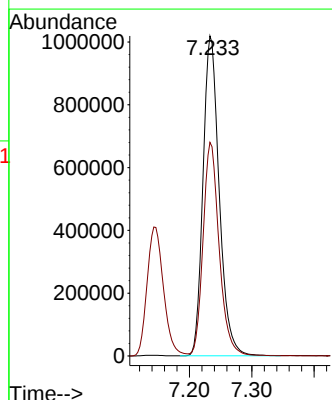
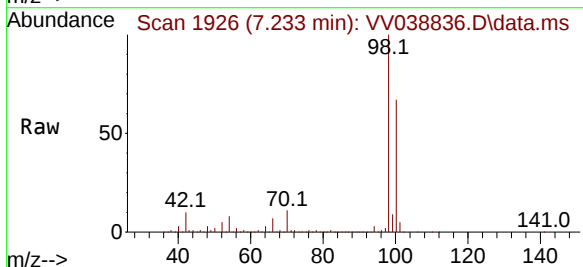
Acq: 02 Jul 2025 11:45

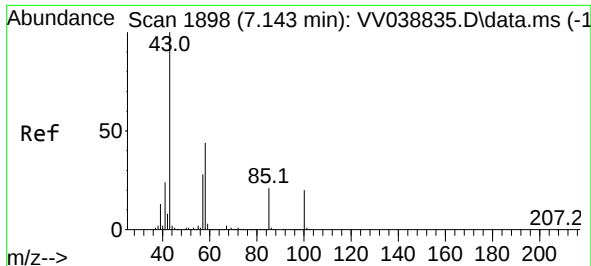
Tgt Ion: 98 Resp: 1837766

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4

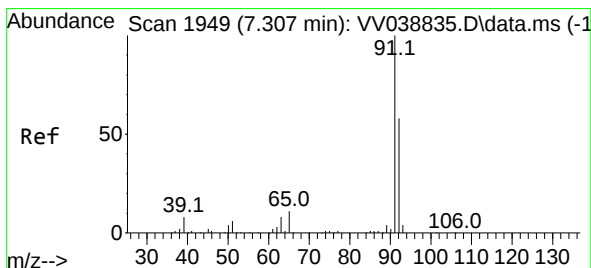
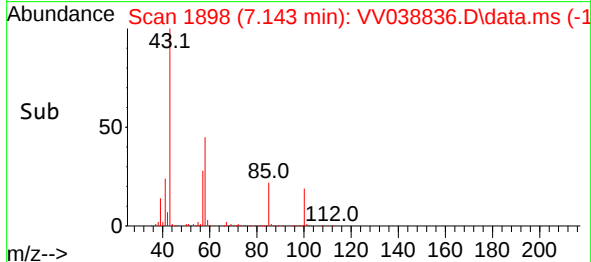
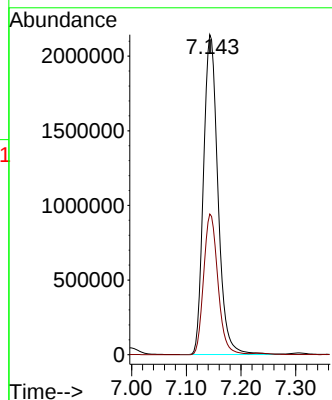
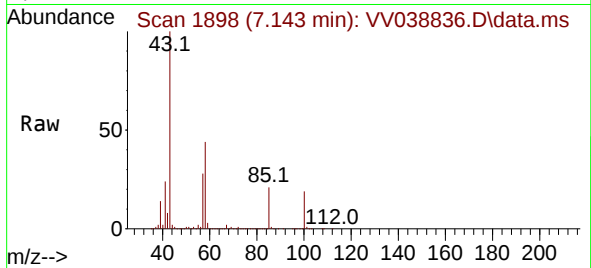




#51
4-Methyl-2-Pentanone
Concen: 553.263 ug/l
RT: 7.143 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

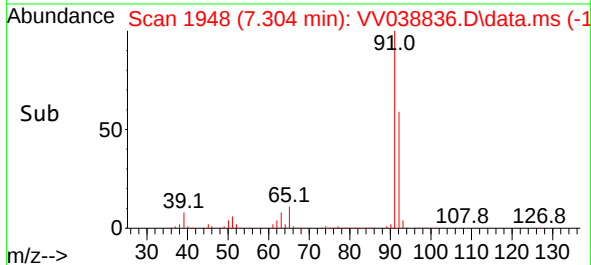
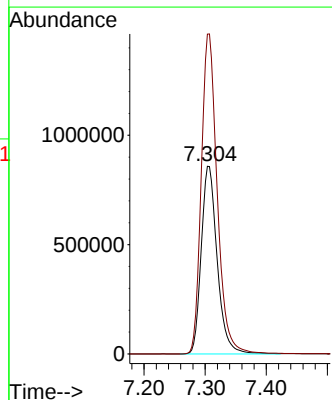
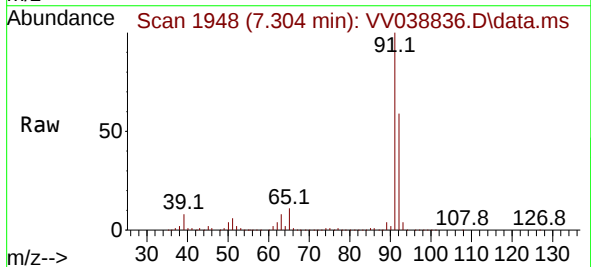
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

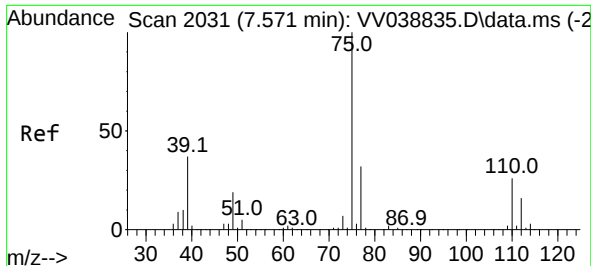
Tgt Ion: 43 Resp: 3932571
Ion Ratio Lower Upper
43 100
58 43.4 34.4 51.6



#52
Toluene
Concen: 107.023 ug/l
RT: 7.304 min Scan# 1948
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 92 Resp: 1552398
Ion Ratio Lower Upper
92 100
91 171.1 138.5 207.7

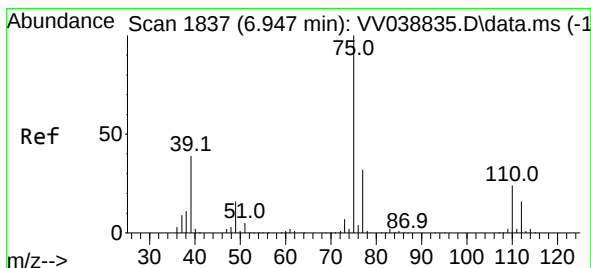
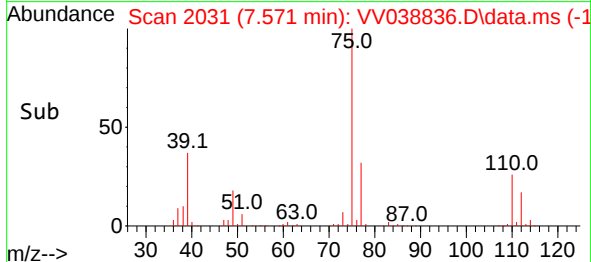
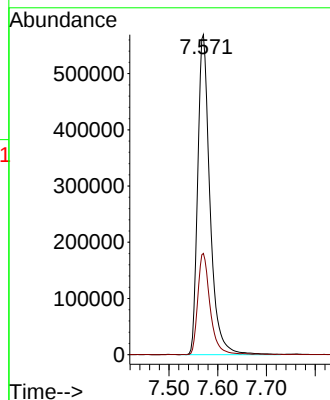
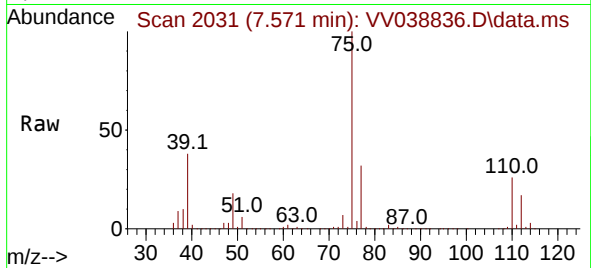




#53
 t-1,3-Dichloropropene
 Concen: 109.713 ug/l
 RT: 7.571 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VV038836.D
 Acq: 02 Jul 2025 11:45

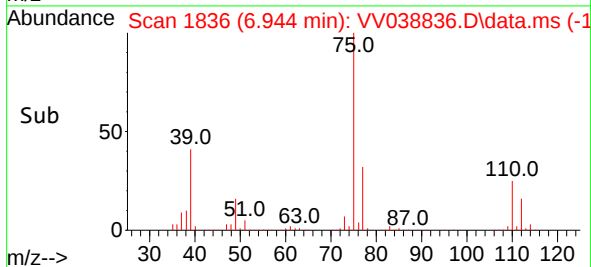
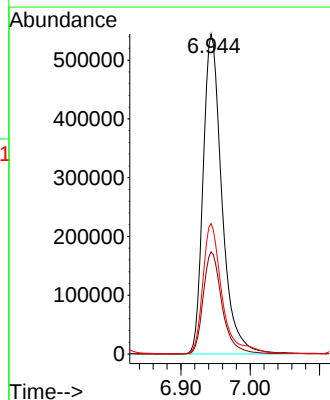
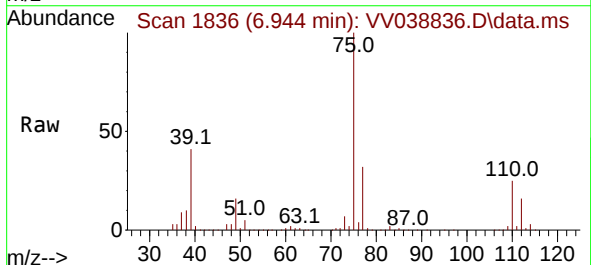
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

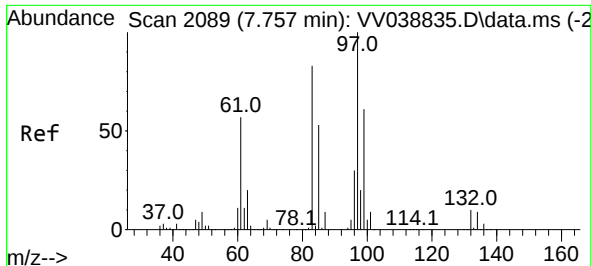
Tgt Ion: 75 Resp: 992380
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 107.228 ug/l
 RT: 6.944 min Scan# 1836
 Delta R.T. -0.003 min
 Lab File: VV038836.D
 Acq: 02 Jul 2025 11:45

Tgt Ion: 75 Resp: 1021934
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8
 39 40.7 31.3 46.9





#55

1,1,2-Trichloroethane

Concen: 100.321 ug/l

RT: 7.757 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 636325

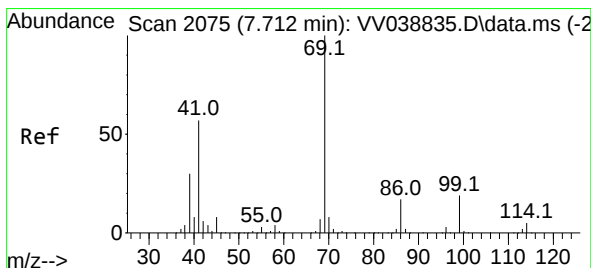
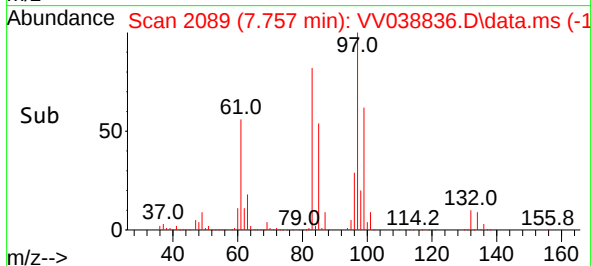
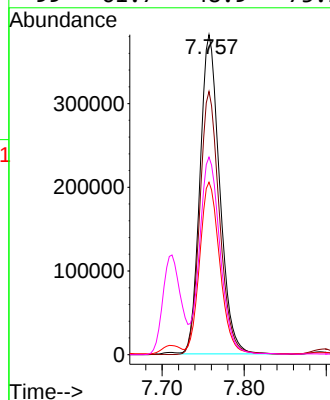
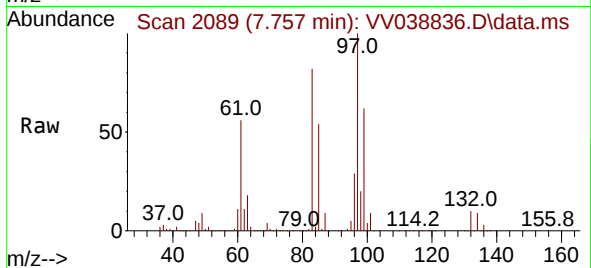
Ion Ratio Lower Upper

97 100

83 82.3 66.2 99.4

85 53.7 42.2 63.4

99 61.7 48.9 73.3



#56

Ethyl methacrylate

Concen: 116.827 ug/l

RT: 7.712 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

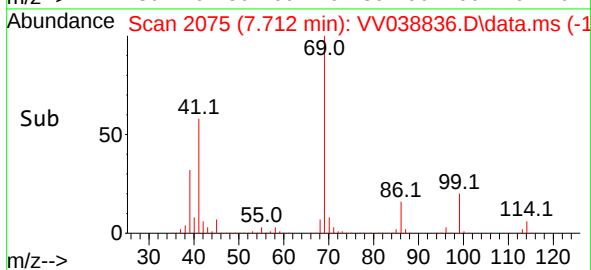
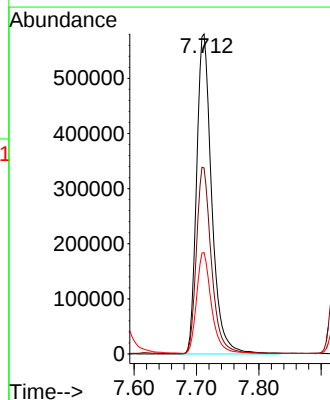
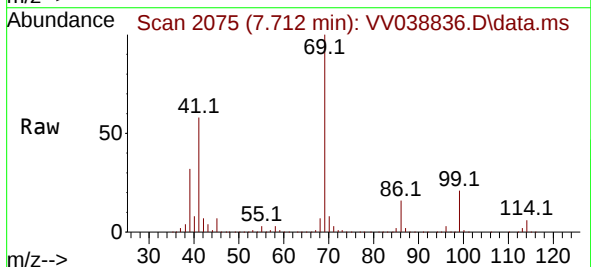
Tgt Ion: 69 Resp: 974875

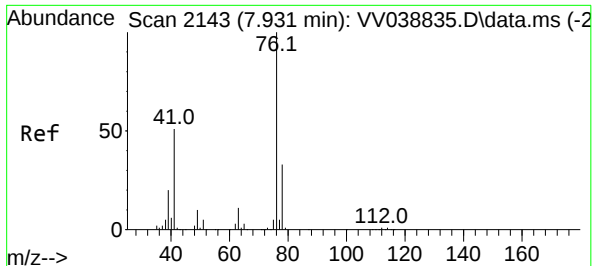
Ion Ratio Lower Upper

69 100

41 57.9 46.1 69.1

39 31.1 24.1 36.1





#57

1,3-Dichloropropane

Concen: 102.741 ug/l

RT: 7.931 min Scan# 2143

Delta R.T. -0.000 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

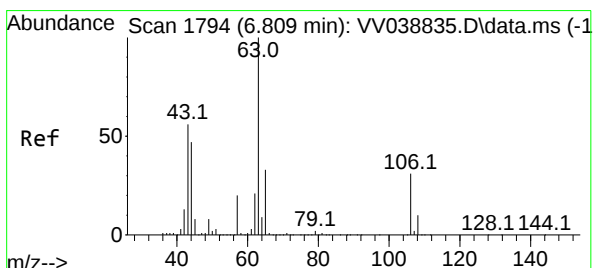
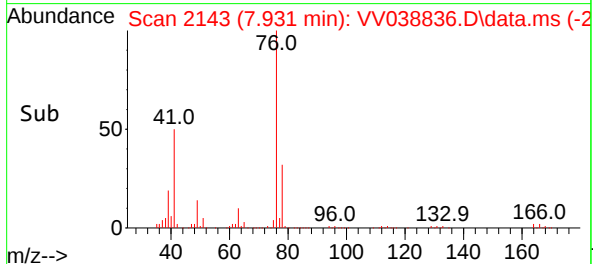
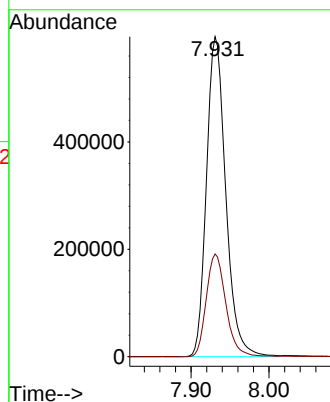
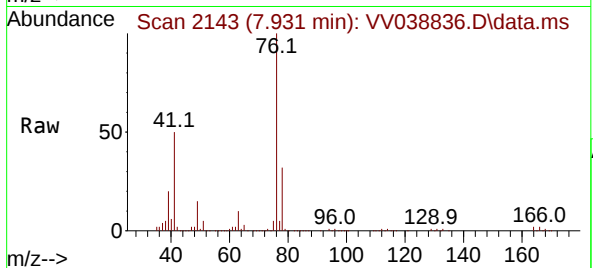
VSTDICC100

Tgt Ion: 76 Resp: 1026596

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 572.832 ug/l

RT: 6.808 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV038836.D

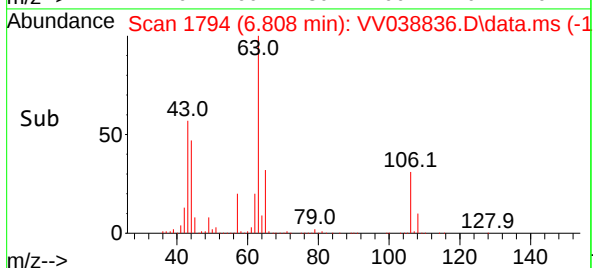
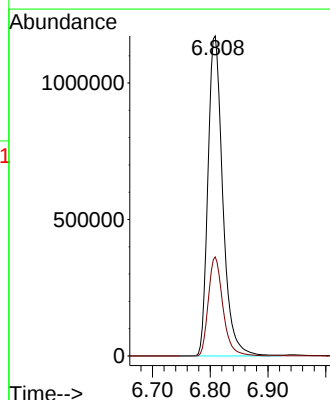
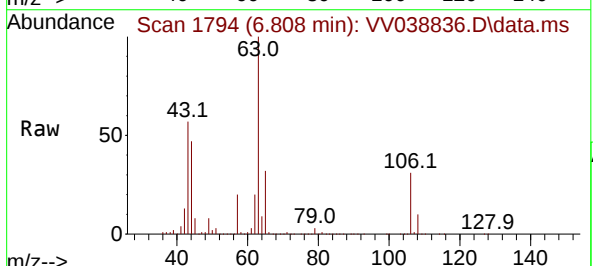
Acq: 02 Jul 2025 11:45

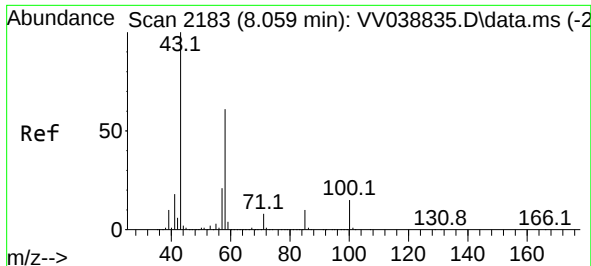
Tgt Ion: 63 Resp: 2086869

Ion Ratio Lower Upper

63 100

106 30.5 24.6 37.0

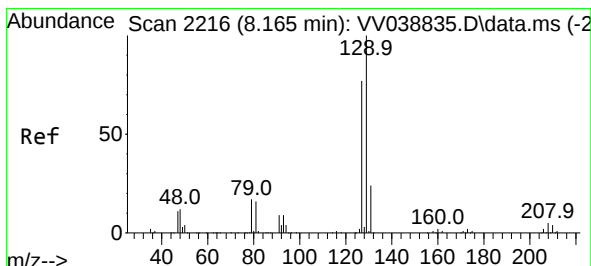
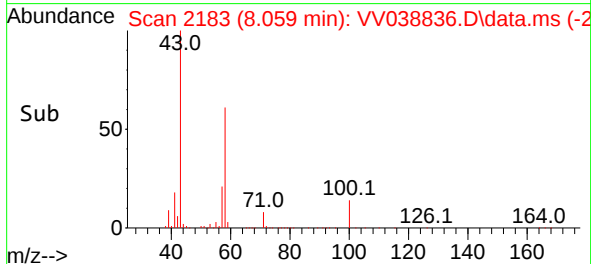
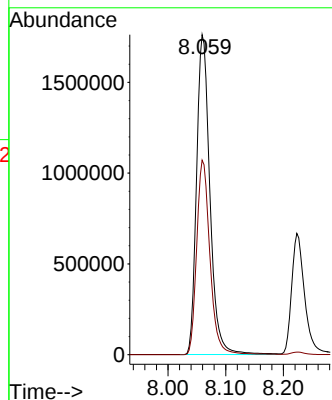
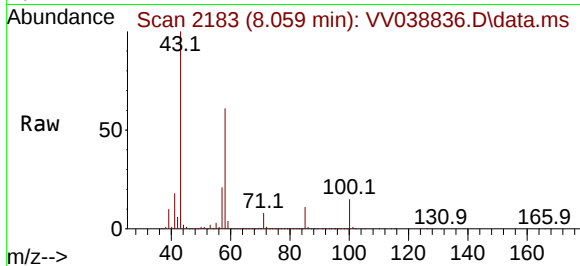




#59
2-Hexanone
Concen: 549.089 ug/l
RT: 8.059 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

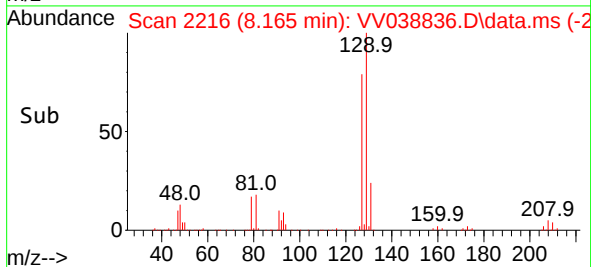
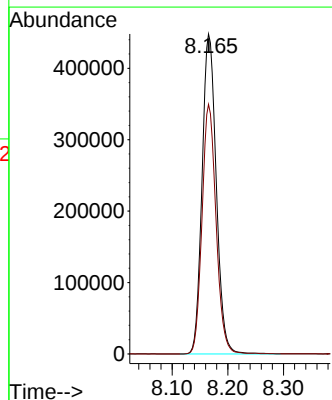
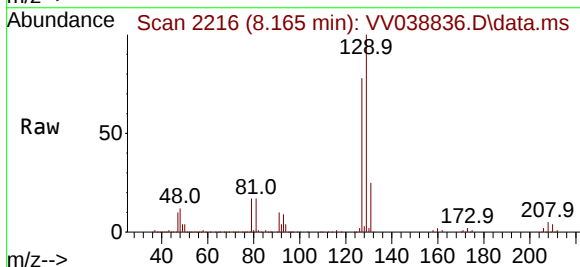
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

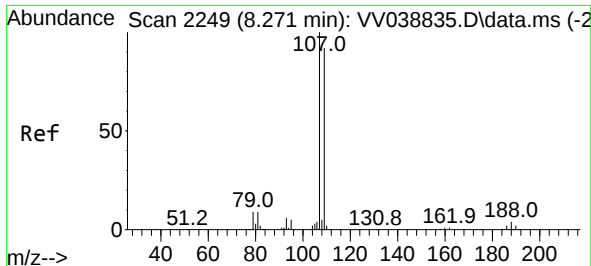
Tgt Ion: 43 Resp: 2829599
Ion Ratio Lower Upper
43 100
58 60.5 30.3 91.0



#60
Dibromochloromethane
Concen: 99.205 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 129 Resp: 792289
Ion Ratio Lower Upper
129 100
127 77.1 38.2 114.6

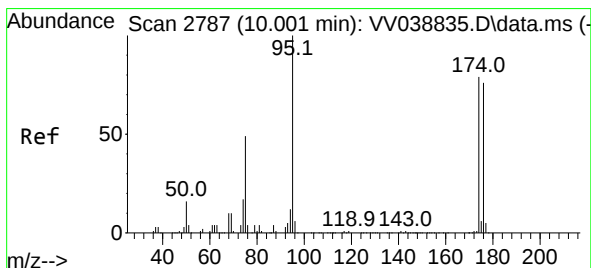
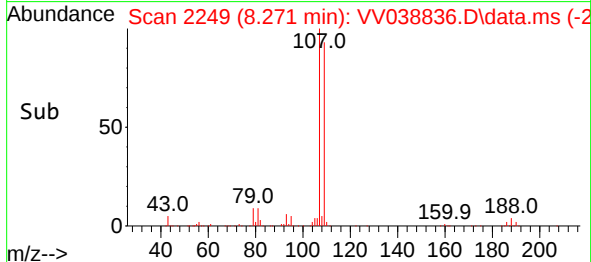
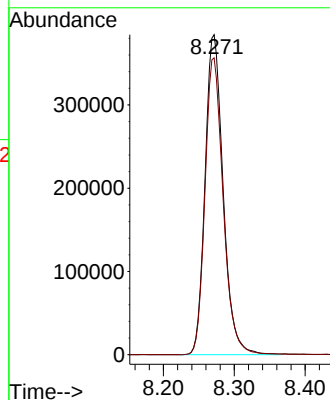
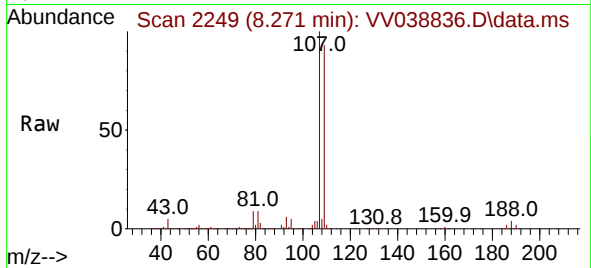




#61
1,2-Dibromoethane
Concen: 105.801 ug/l
RT: 8.271 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

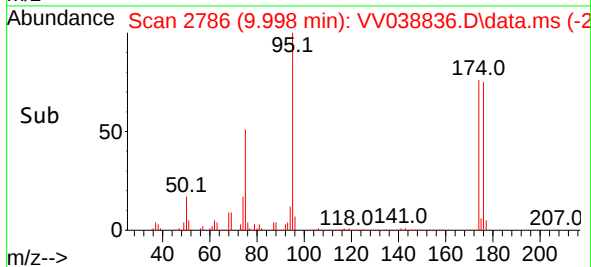
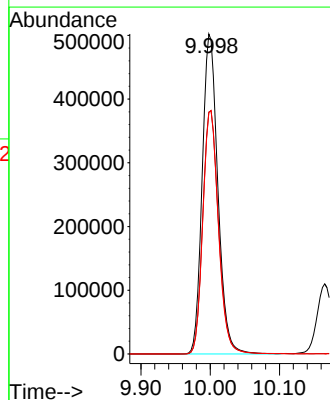
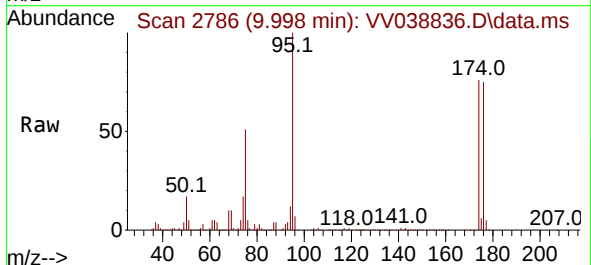
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

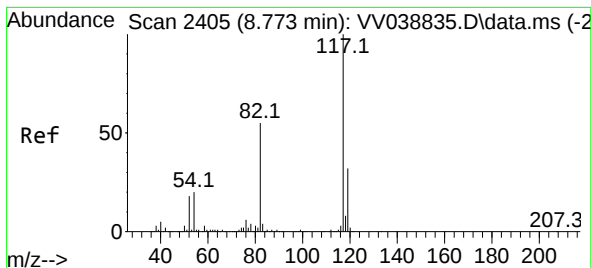
Tgt Ion:107 Resp: 681653
Ion Ratio Lower Upper
107 100
109 93.3 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 103.867 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 95 Resp: 786665
Ion Ratio Lower Upper
95 100
174 76.8 0.0 158.2
176 75.8 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

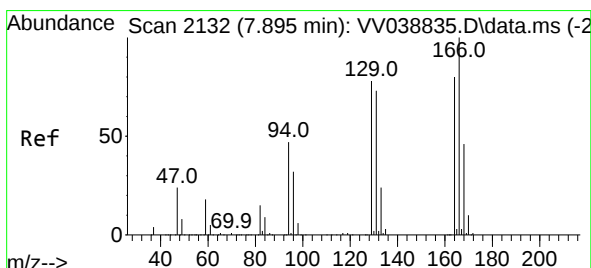
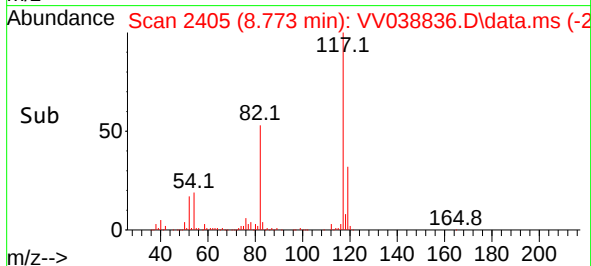
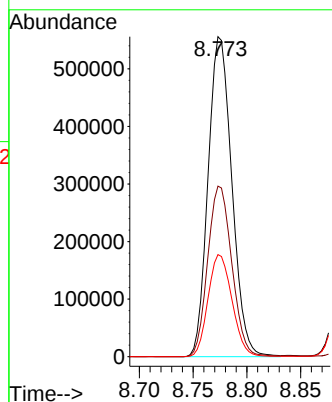
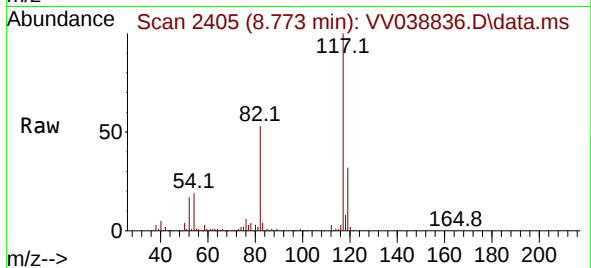
Tgt Ion:117 Resp: 856535

Ion Ratio Lower Upper

117 100

82 53.3 44.2 66.4

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 96.128 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Tgt Ion:164 Resp: 529477

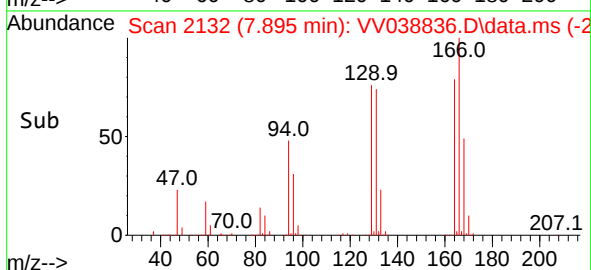
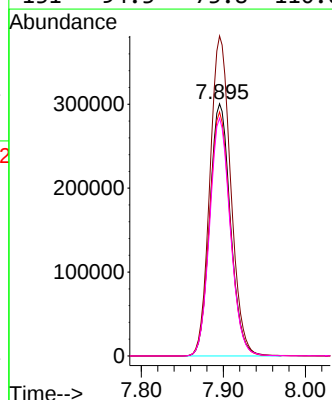
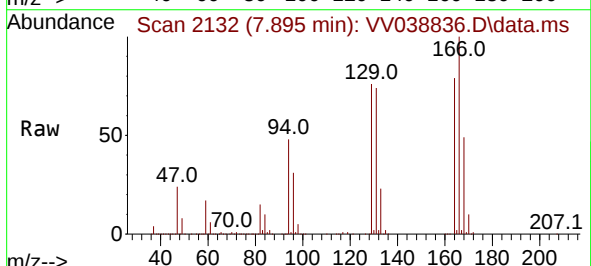
Ion Ratio Lower Upper

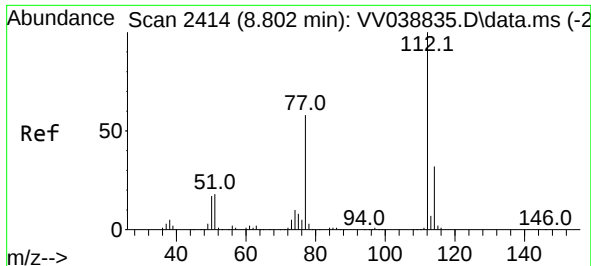
164 100

166 126.9 100.6 151.0

129 96.8 78.4 117.6

131 94.3 73.8 110.6

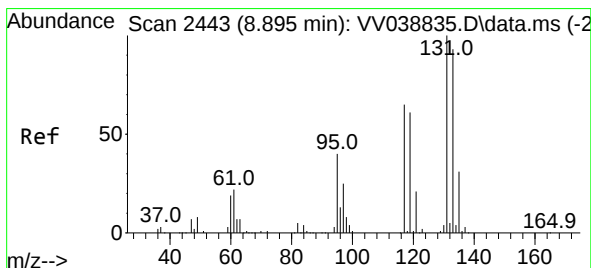
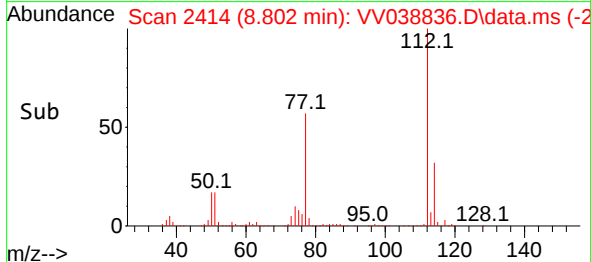
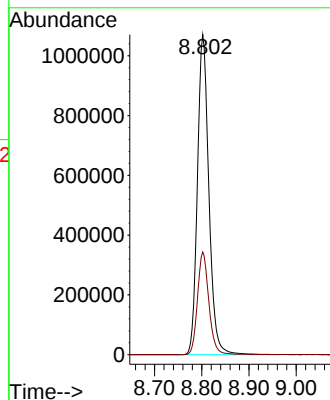
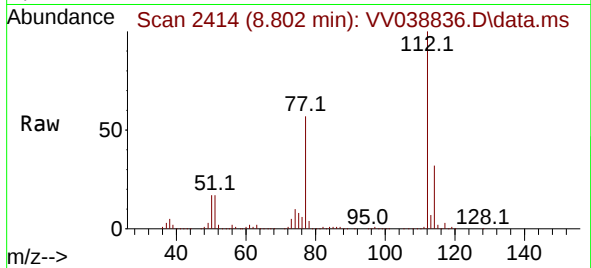




#65
Chlorobenzene
Concen: 99.683 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

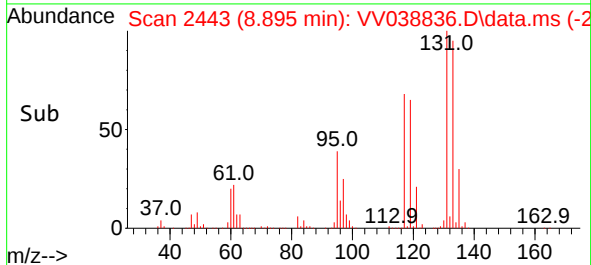
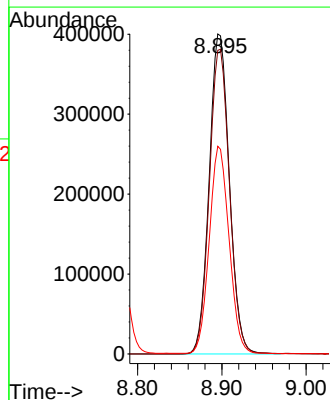
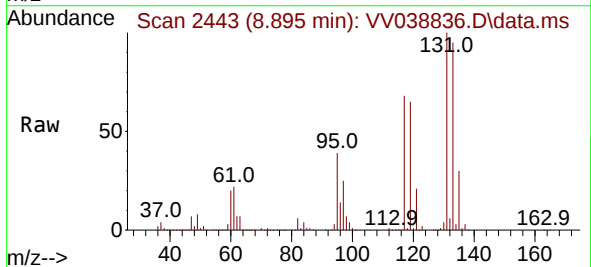
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

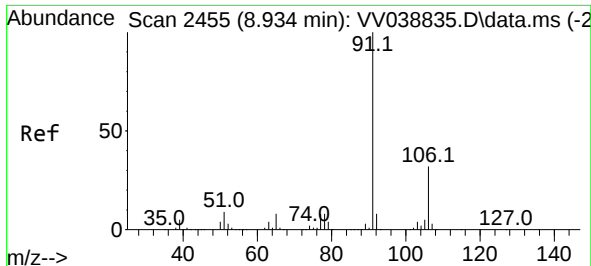
Tgt Ion:112 Resp: 1799366
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 98.996 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion:131 Resp: 667291
Ion Ratio Lower Upper
131 100
133 95.2 47.3 142.0
119 63.7 31.0 93.0





#67

Ethyl Benzene

Concen: 109.453 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. -0.000 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

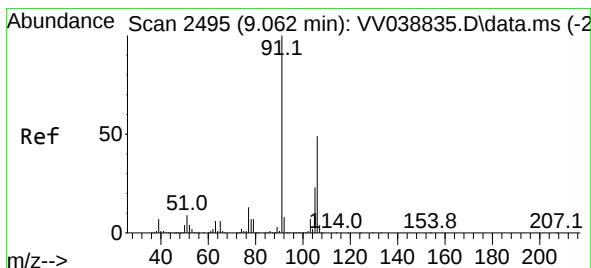
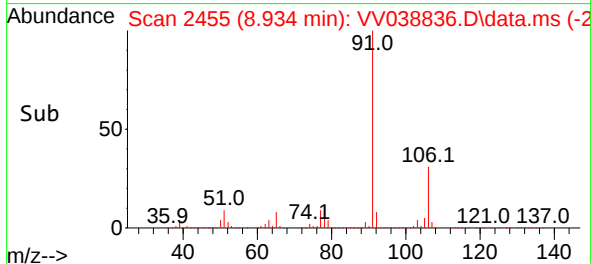
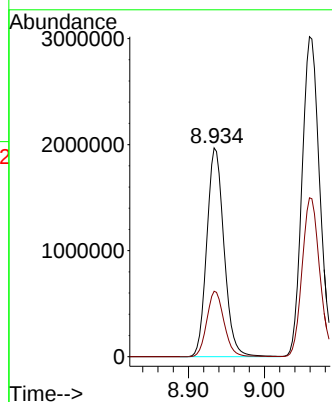
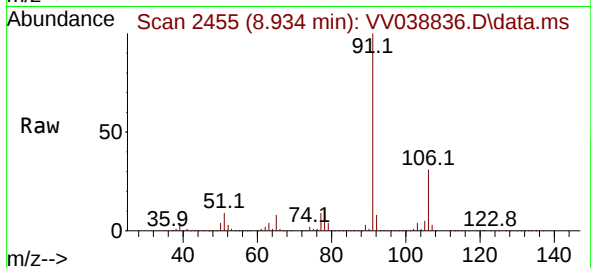
VSTDICC100

Tgt Ion: 91 Resp: 3095474

Ion Ratio Lower Upper

91 100

106 31.3 25.2 37.8



#68

m/p-Xylenes

Concen: 224.101 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. -0.003 min

Lab File: VV038836.D

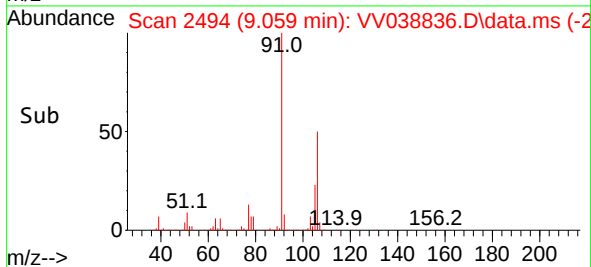
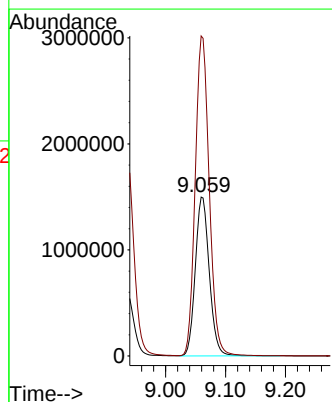
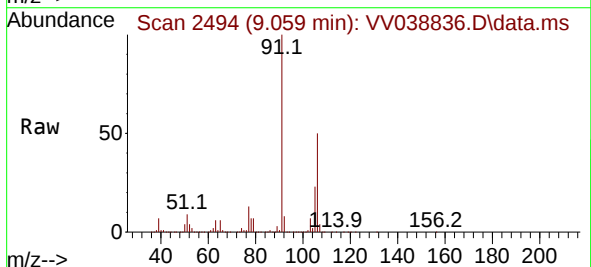
Acq: 02 Jul 2025 11:45

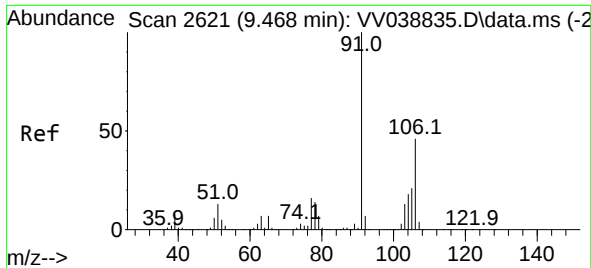
Tgt Ion:106 Resp: 2427548

Ion Ratio Lower Upper

106 100

91 201.8 162.9 244.3

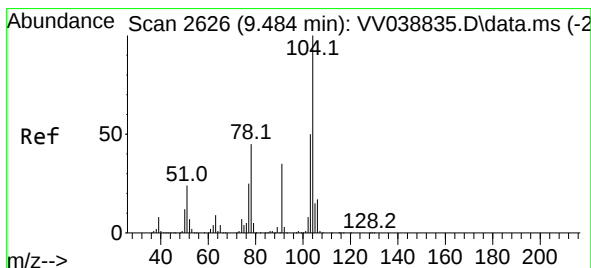
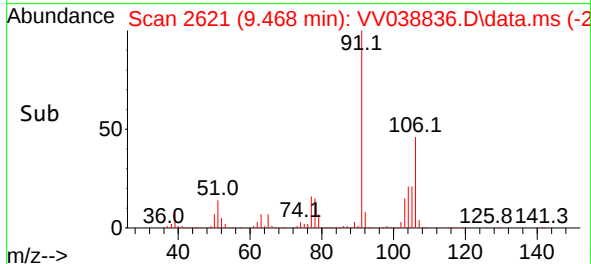
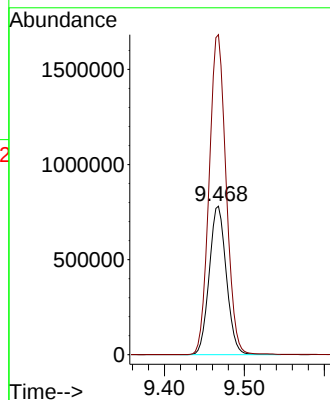
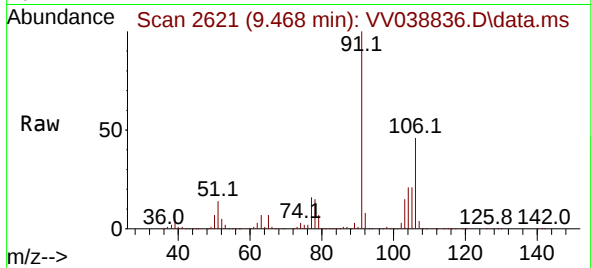




#69
o-Xylene
Concen: 112.143 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

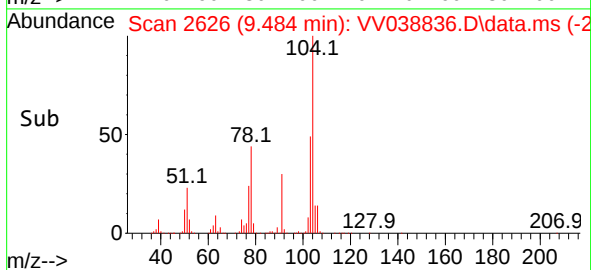
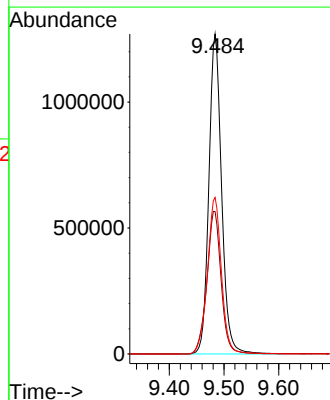
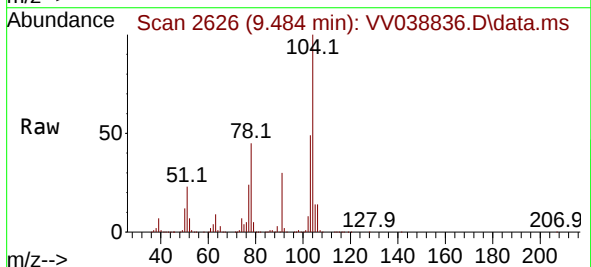
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

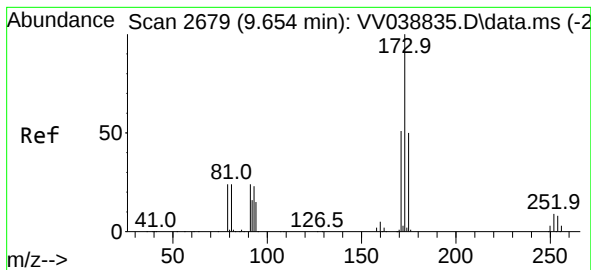
Tgt Ion:106 Resp: 1160614
Ion Ratio Lower Upper
106 100
91 214.5 107.6 322.8



#70
Styrene
Concen: 113.424 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion:104 Resp: 2052394
Ion Ratio Lower Upper
104 100
78 49.7 39.9 59.9
103 53.7 43.4 65.0





#71

Bromoform

Concen: 104.032 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

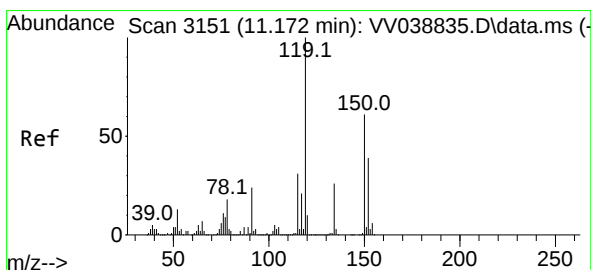
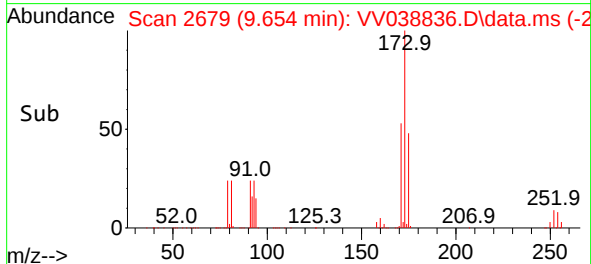
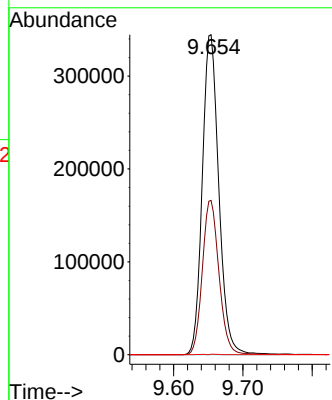
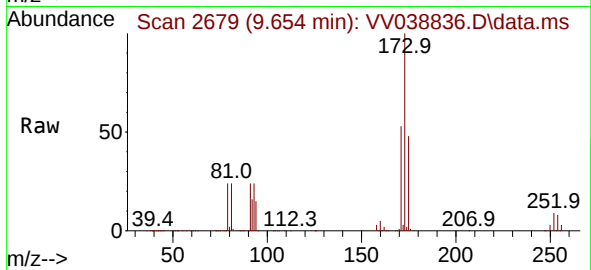
Tgt Ion:173 Resp: 569824

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.9

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

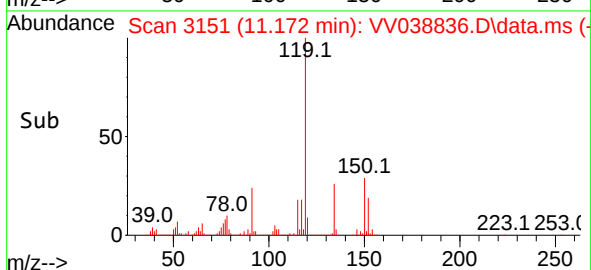
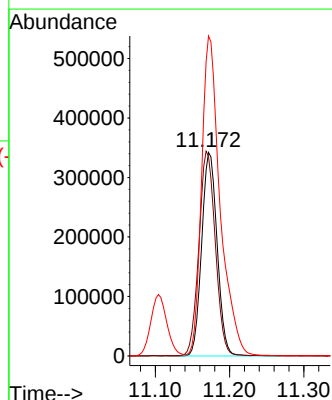
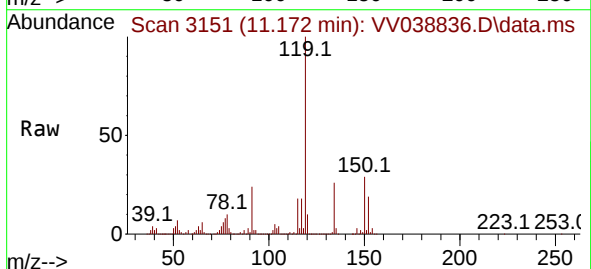
Tgt Ion:152 Resp: 494611

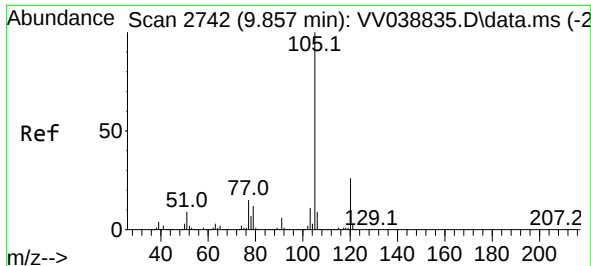
Ion Ratio Lower Upper

152 100

115 106.4 42.0 126.0

150 188.6 0.0 343.6

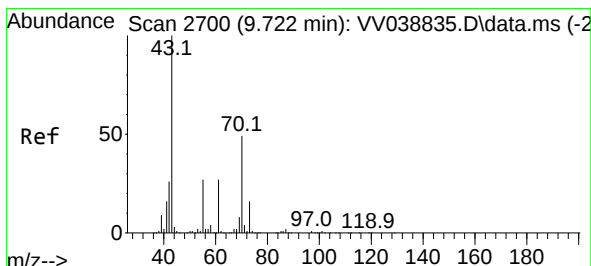
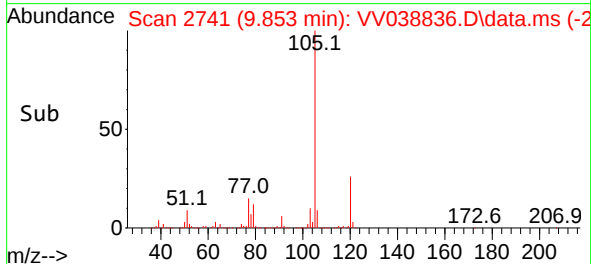
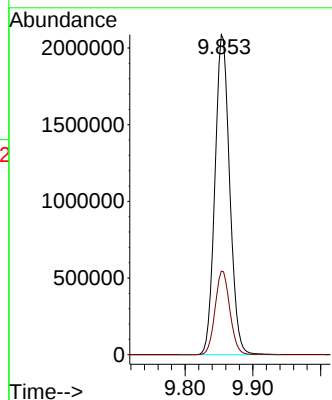
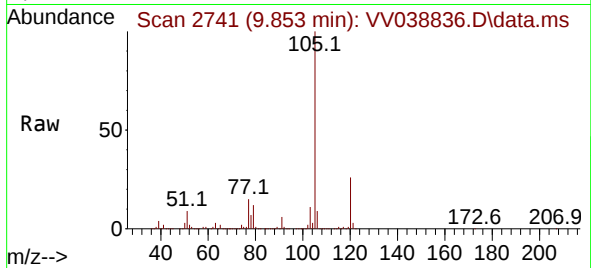




#73
Isopropylbenzene
Concen: 108.795 ug/l
RT: 9.853 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

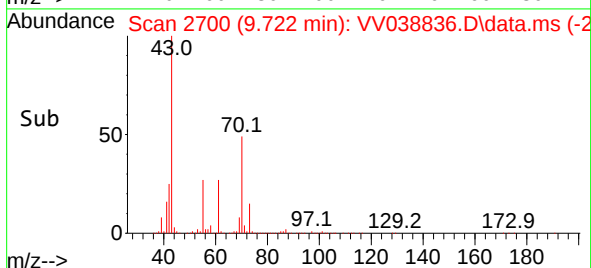
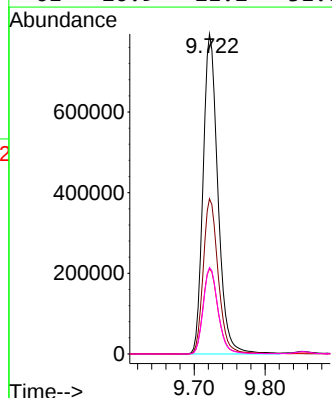
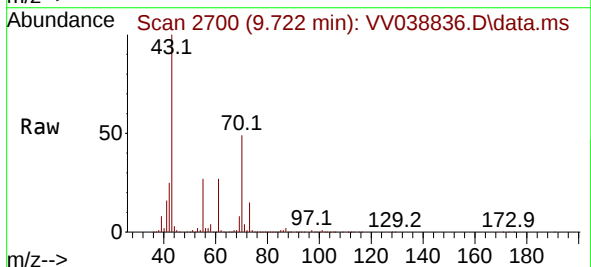
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

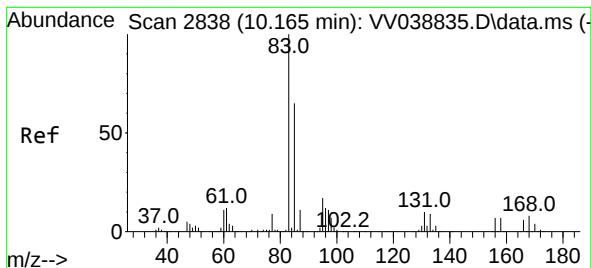
Tgt Ion:105 Resp: 3158065
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 116.125 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 43 Resp: 1152929
Ion Ratio Lower Upper
43 100
70 49.2 39.7 59.5
55 27.3 22.1 33.1
61 26.9 21.2 31.8

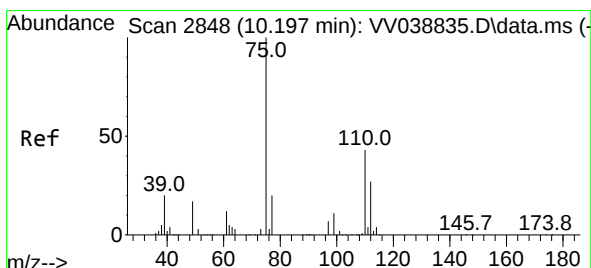
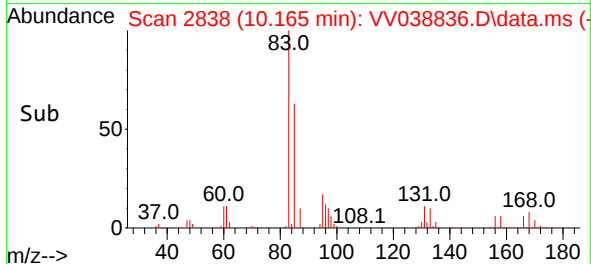
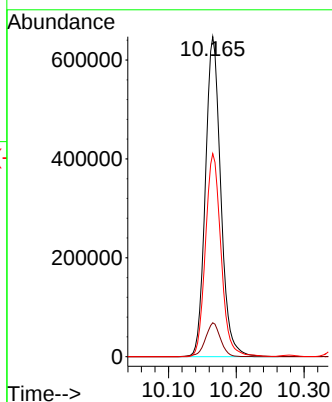
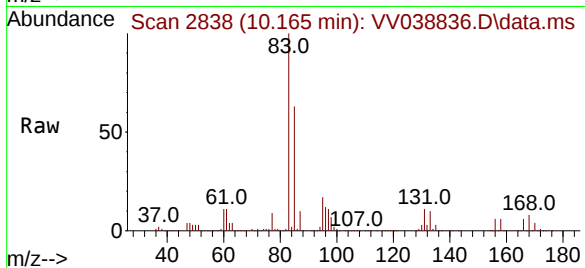




#75
1,1,2,2-Tetrachloroethane
Concen: 96.852 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

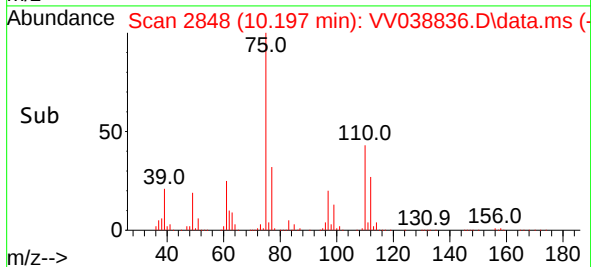
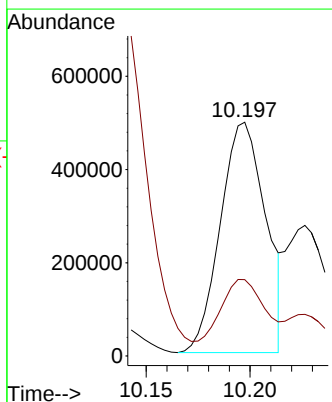
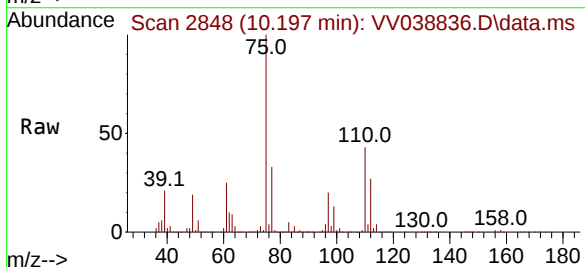
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

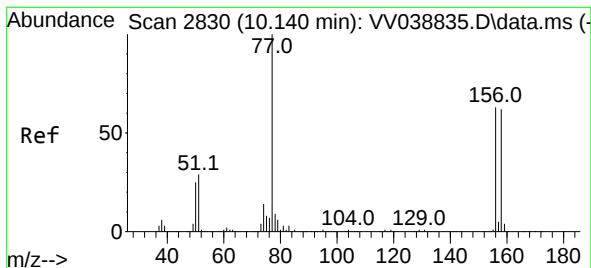
Tgt Ion: 83 Resp: 1019200
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 64.3 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 97.921 ug/l
RT: 10.197 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 75 Resp: 749368
Ion Ratio Lower Upper
75 100
77 24.4 11.7 35.1





#77

Bromobenzene

Concen: 102.416 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

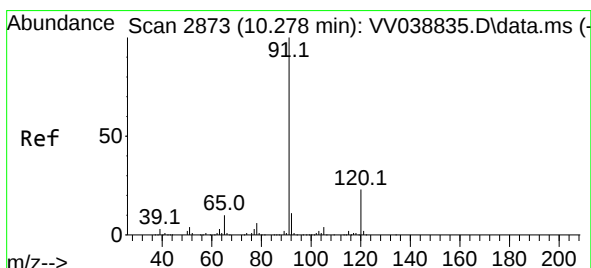
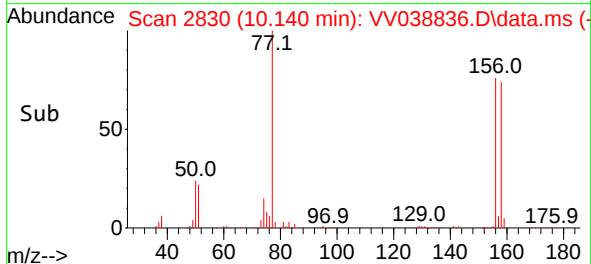
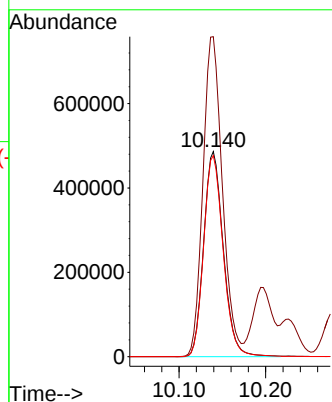
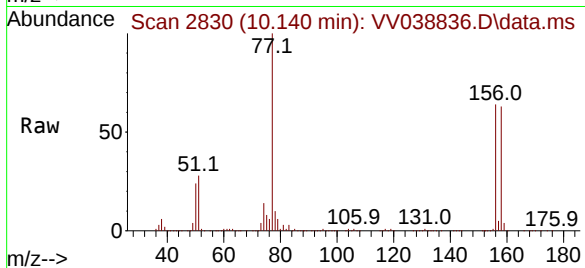
Tgt Ion:156 Resp: 766922

Ion Ratio Lower Upper

156 100

77 154.4 77.0 230.8

158 97.8 48.8 146.3



#78

n-propylbenzene

Concen: 108.843 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. -0.000 min

Lab File: VV038836.D

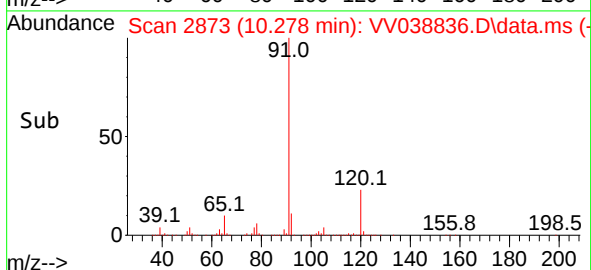
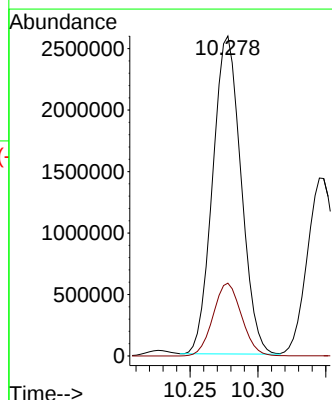
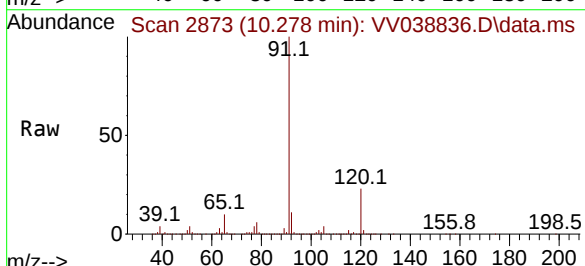
Acq: 02 Jul 2025 11:45

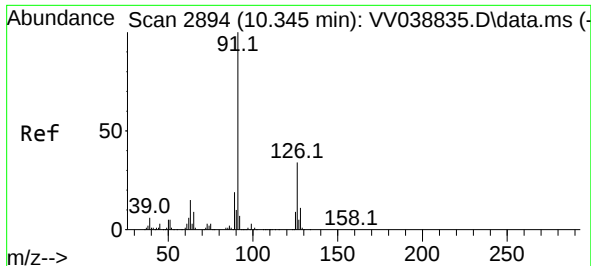
Tgt Ion: 91 Resp: 3759932

Ion Ratio Lower Upper

91 100

120 23.1 11.7 35.0

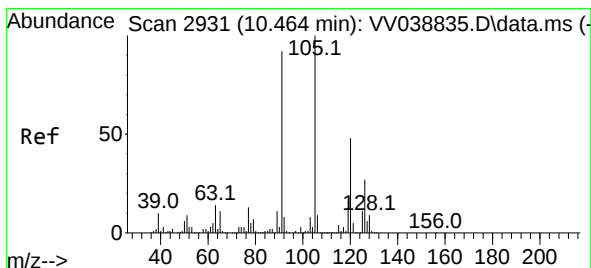
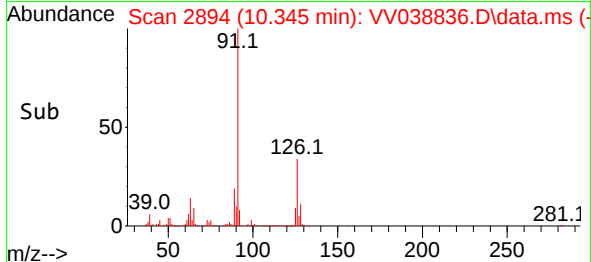
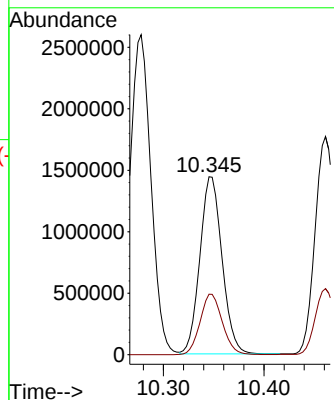
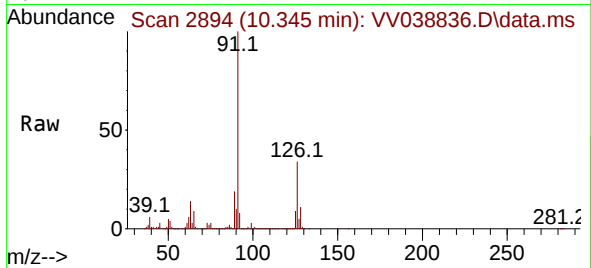




#79
2-Chlorotoluene
Concen: 105.336 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

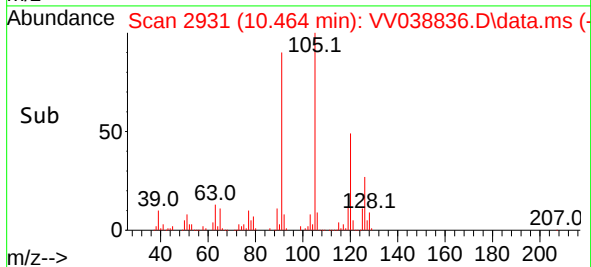
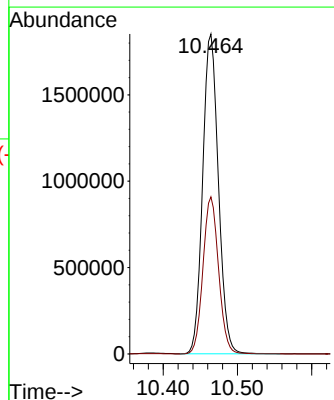
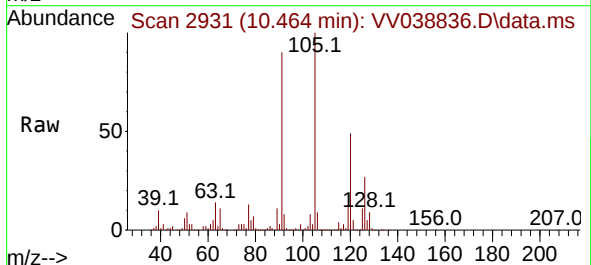
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

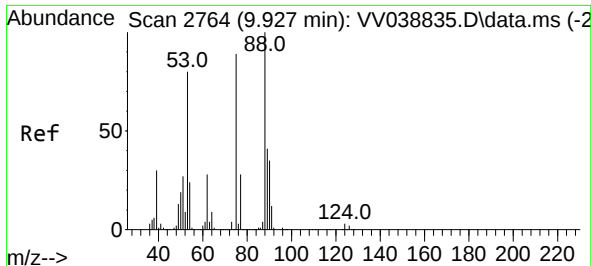
Tgt Ion: 91 Resp: 2209838
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 109.714 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion:105 Resp: 2723031
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.7

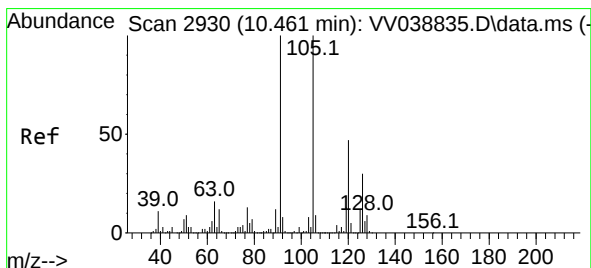
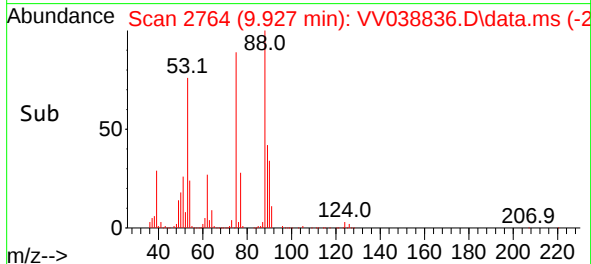
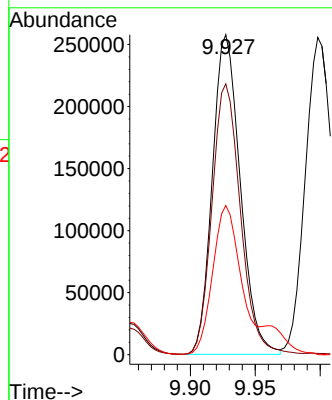
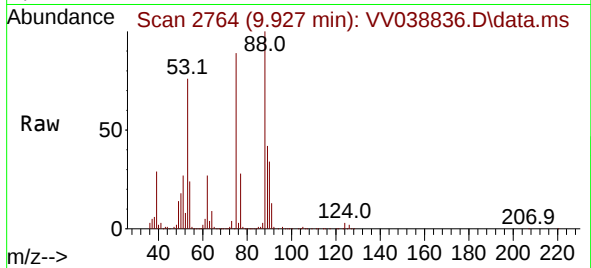




#81
trans-1,4-Dichloro-2-butene
Concen: 107.141 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

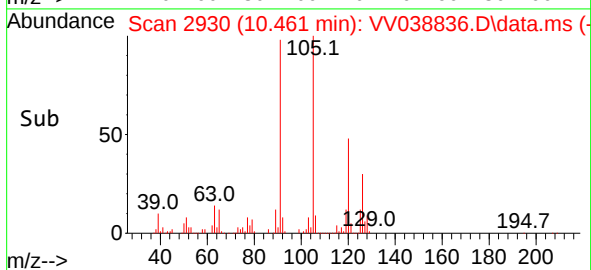
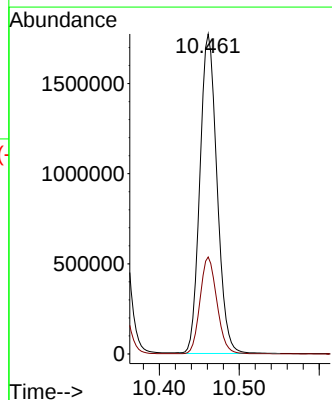
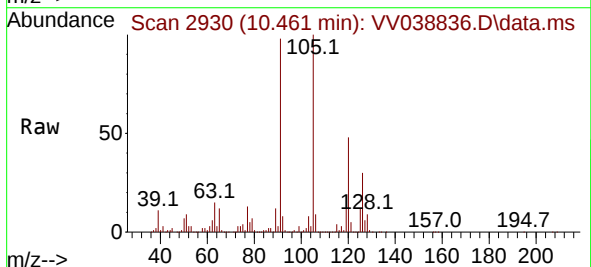
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

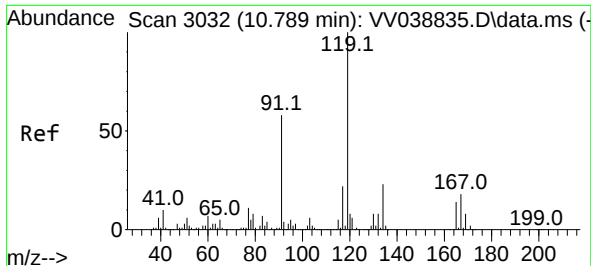
Tgt Ion: 75 Resp: 385189
Ion Ratio Lower Upper
75 100
53 85.7 71.2 106.8
89 46.9 44.6 66.8



#82
4-Chlorotoluene
Concen: 109.201 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion: 91 Resp: 2641068
Ion Ratio Lower Upper
91 100
126 29.7 14.8 44.3

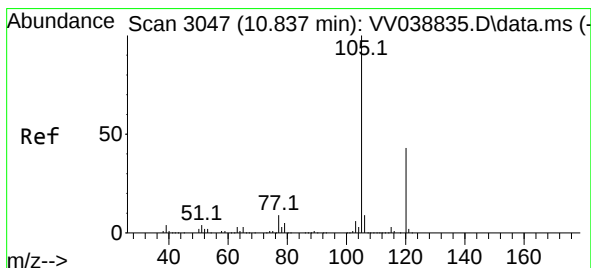
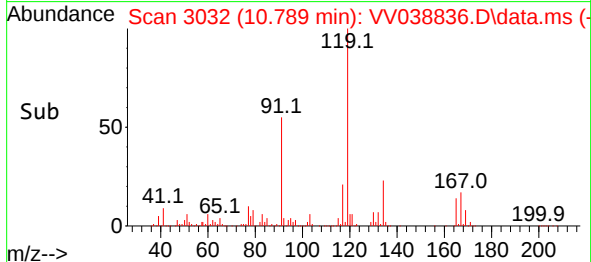
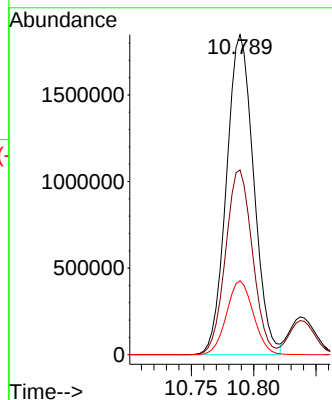
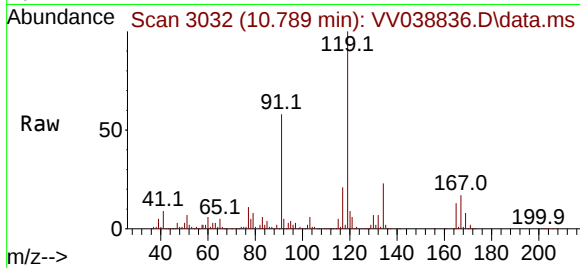




#83
tert-Butylbenzene
Concen: 109.157 ug/l
RT: 10.789 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

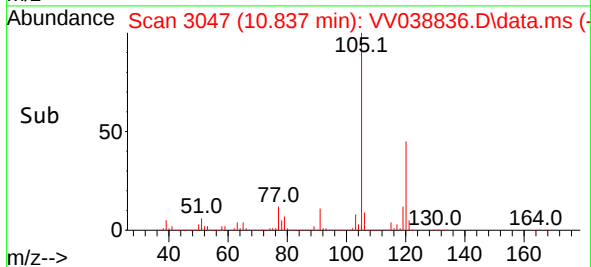
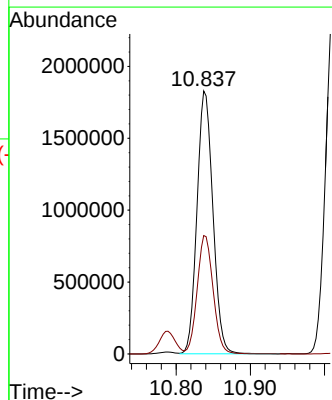
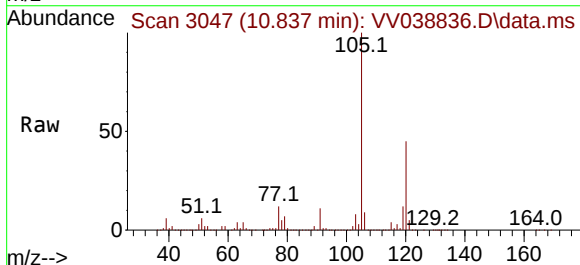
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

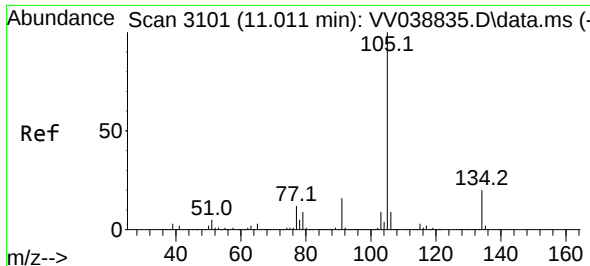
Tgt Ion:119 Resp: 2809898
Ion Ratio Lower Upper
119 100
91 57.1 28.5 85.5
134 22.8 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 112.147 ug/l
RT: 10.837 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion:105 Resp: 2728077
Ion Ratio Lower Upper
105 100
120 45.0 22.7 68.0

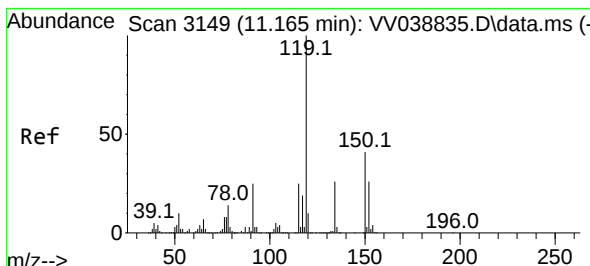
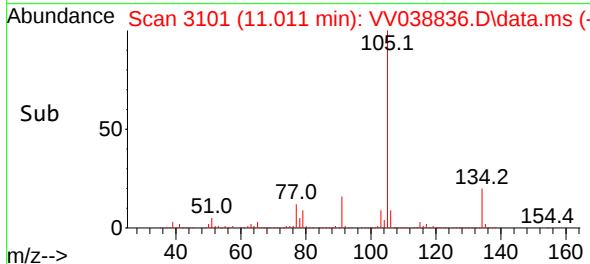
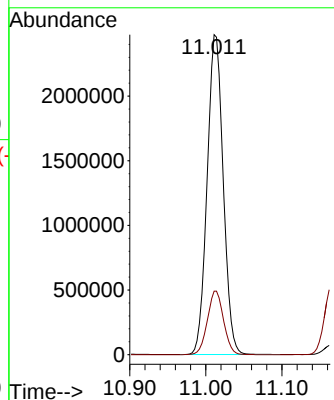
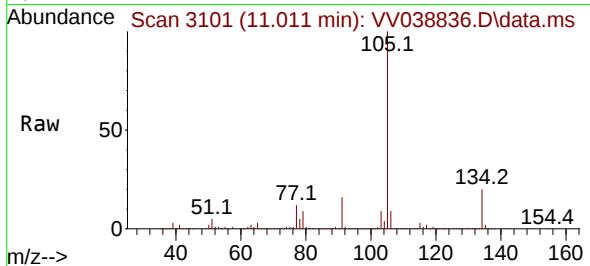




#85
 sec-Butylbenzene
 Concen: 110.850 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: VV038836.D
 Acq: 02 Jul 2025 11:45

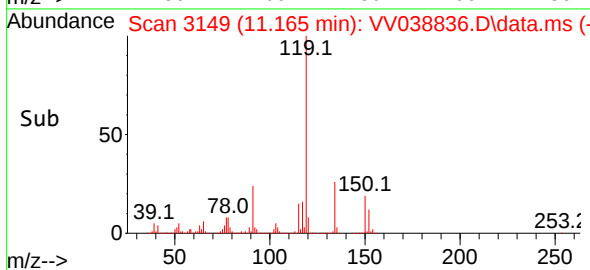
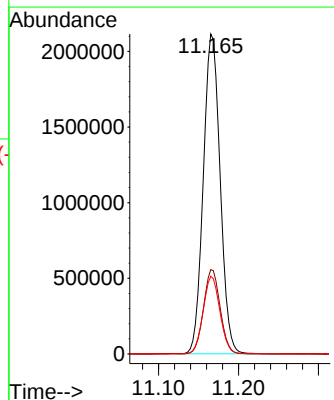
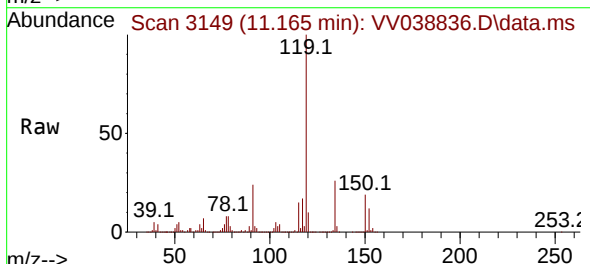
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

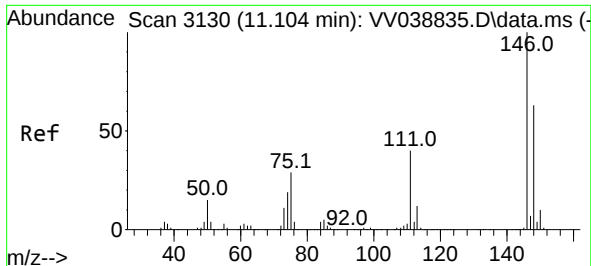
Tgt Ion:105 Resp: 3632760
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 110.419 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VV038836.D
 Acq: 02 Jul 2025 11:45

Tgt Ion:119 Resp: 3102499
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.1 12.4 37.0

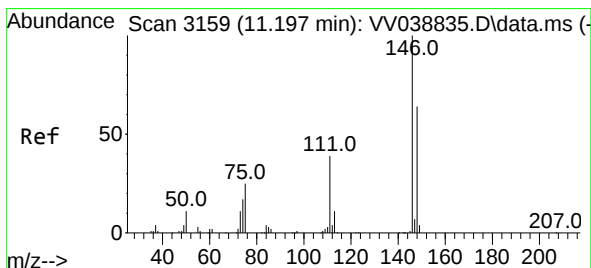
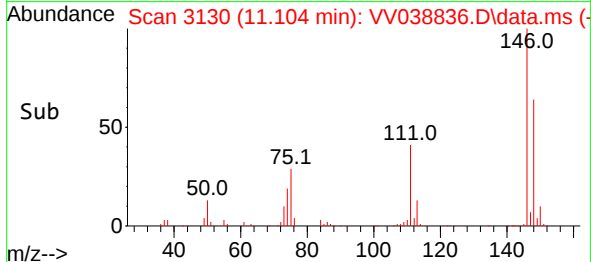
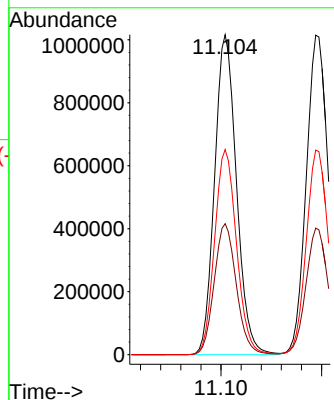
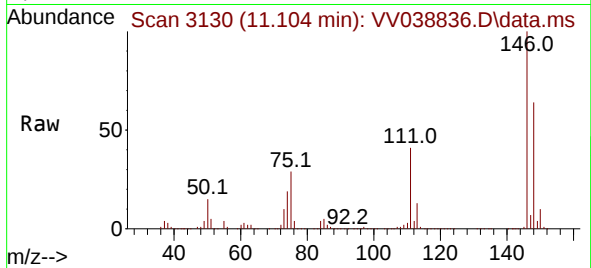




#87
1,3-Dichlorobenzene
Concen: 100.921 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

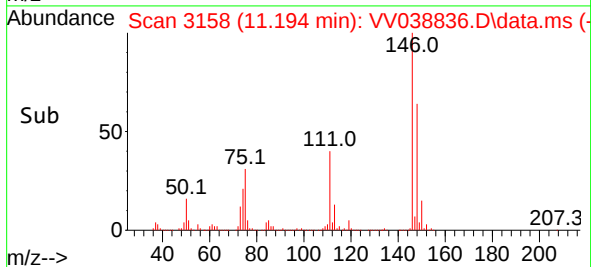
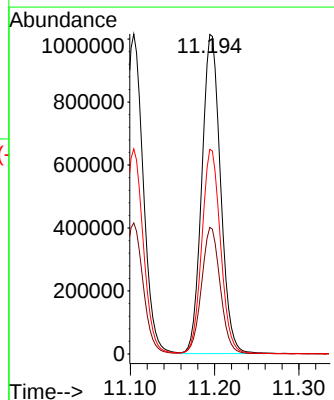
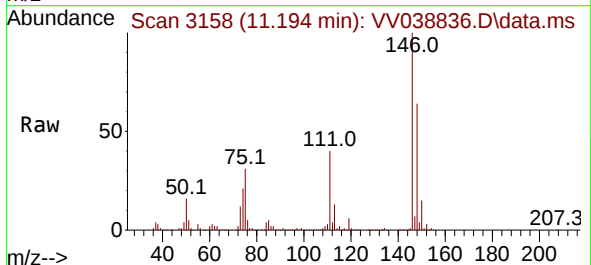
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

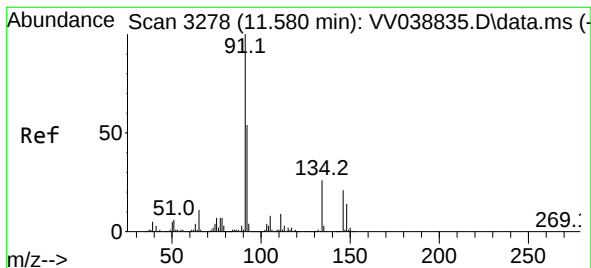
Tgt Ion:146 Resp: 1536392
Ion Ratio Lower Upper
146 100
111 41.4 20.2 60.6
148 64.3 31.3 93.8



#88
1,4-Dichlorobenzene
Concen: 97.760 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. -0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion:146 Resp: 1568188
Ion Ratio Lower Upper
146 100
111 39.5 19.8 59.3
148 64.2 32.0 96.2





#89

n-Butylbenzene

Concen: 113.181 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

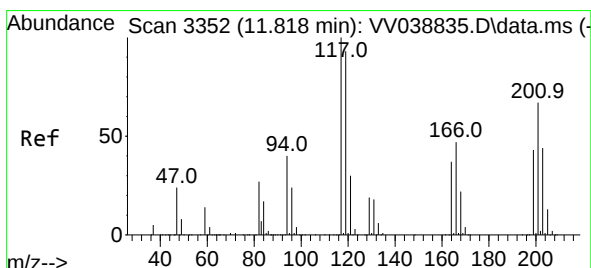
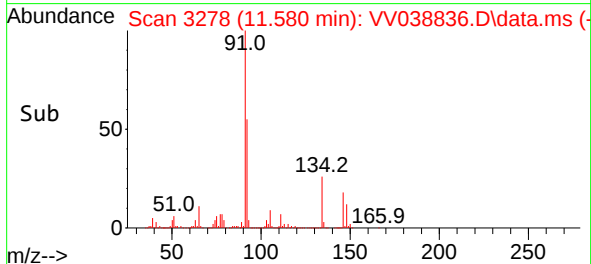
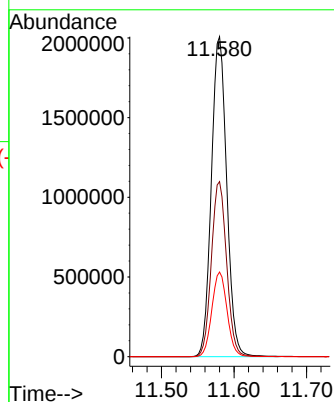
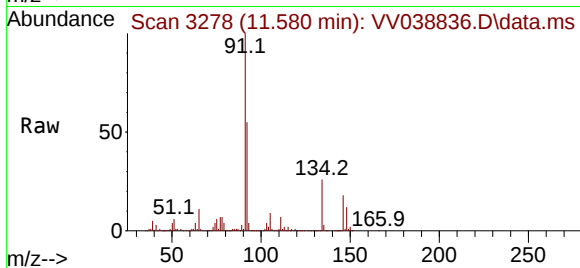
Tgt Ion: 91 Resp: 2947265

Ion Ratio Lower Upper

91 100

92 54.4 26.7 80.0

134 26.3 12.9 38.7



#90

Hexachloroethane

Concen: 98.265 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV038836.D

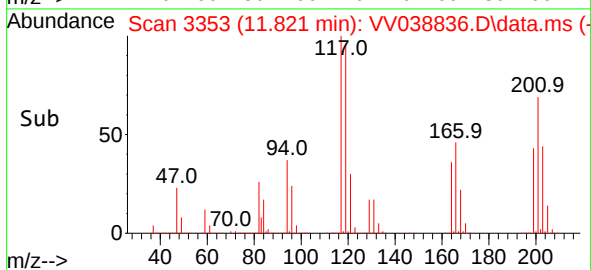
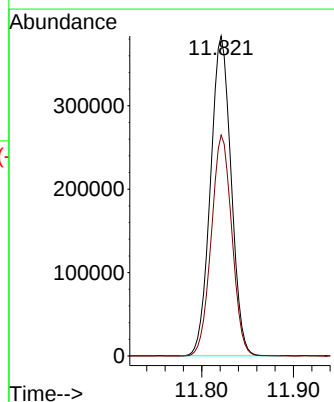
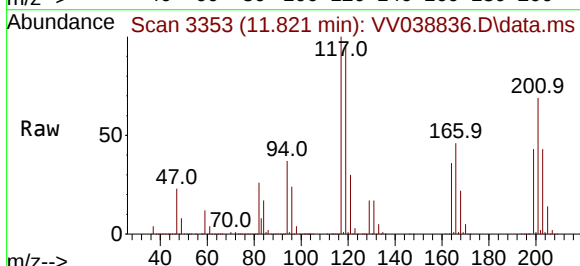
Acq: 02 Jul 2025 11:45

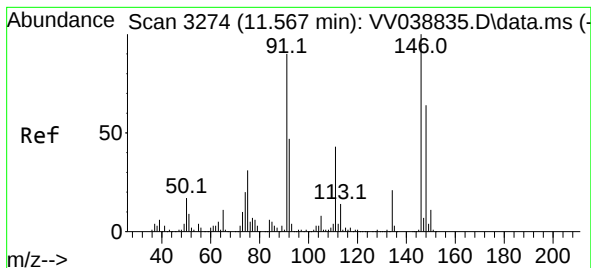
Tgt Ion: 117 Resp: 599327

Ion Ratio Lower Upper

117 100

201 68.8 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 104.589 ug/l

RT: 11.564 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

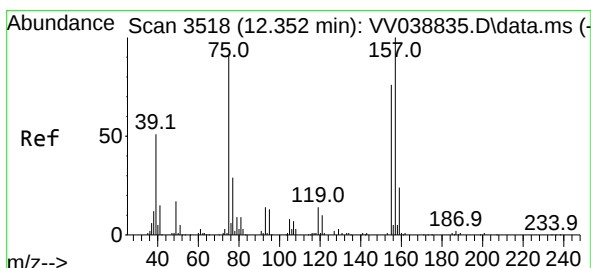
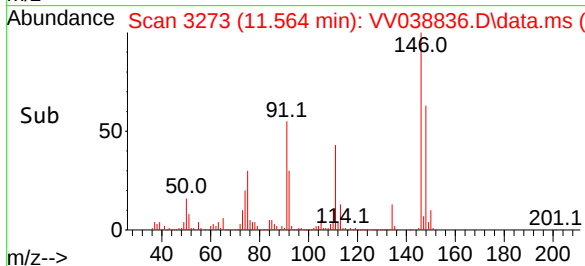
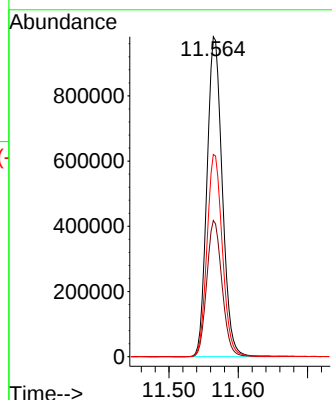
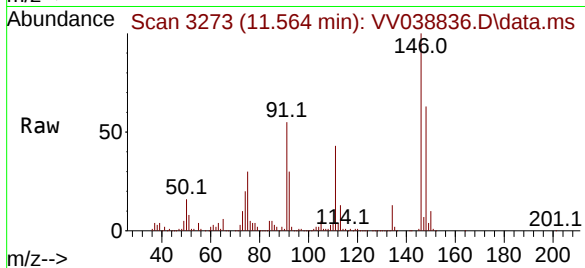
Tgt Ion:146 Resp: 1500766

Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.7

148 63.6 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 103.991 ug/l

RT: 12.348 min Scan# 3517

Delta R.T. -0.003 min

Lab File: VV038836.D

Acq: 02 Jul 2025 11:45

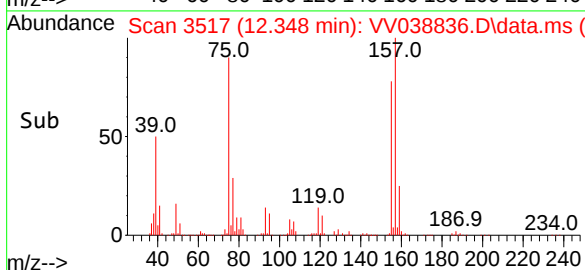
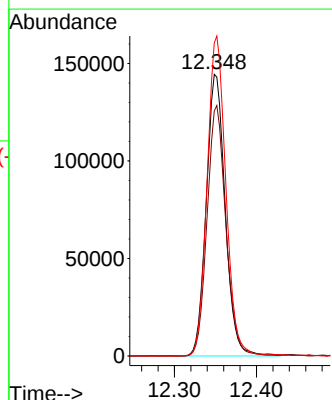
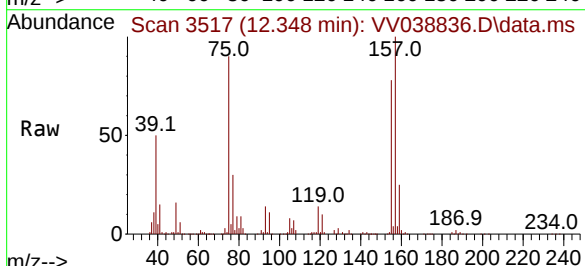
Tgt Ion: 75 Resp: 231691

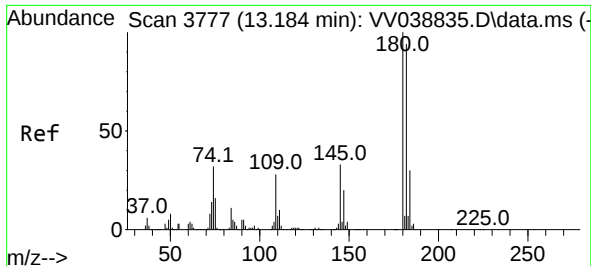
Ion Ratio Lower Upper

75 100

155 88.2 43.2 129.6

157 112.0 54.9 164.5

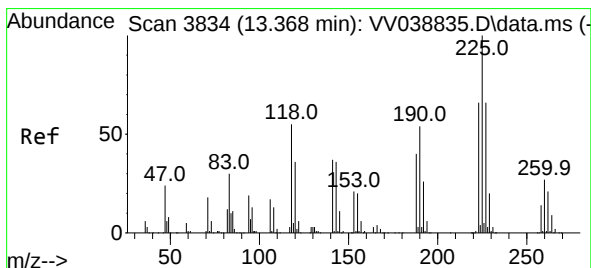
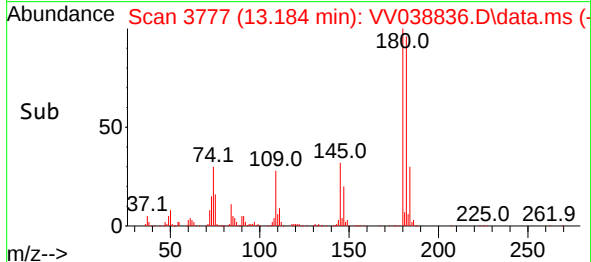
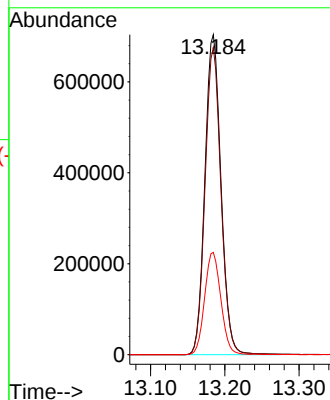
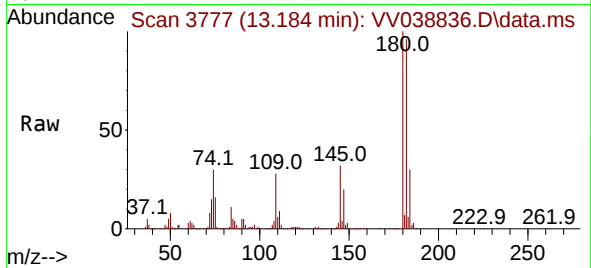




#93
1,2,4-Trichlorobenzene
Concen: 113.760 ug/l
RT: 13.184 min Scan# 3777
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

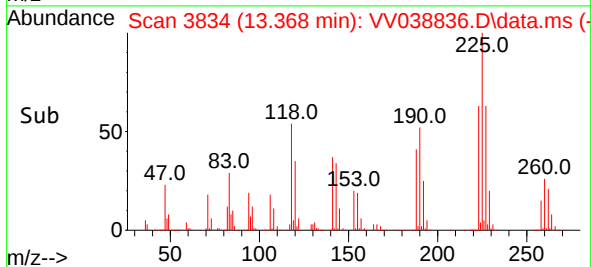
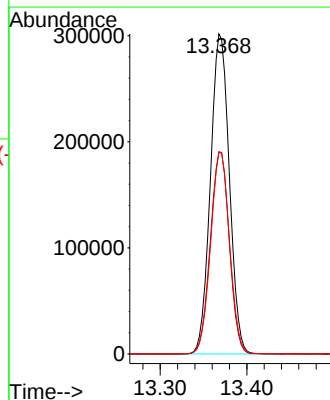
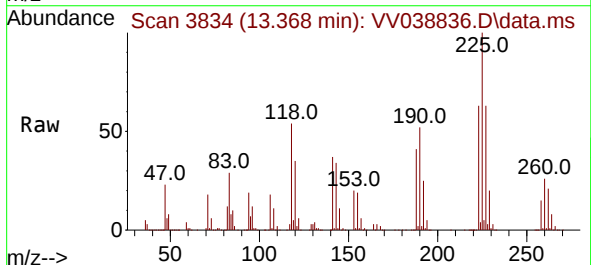
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

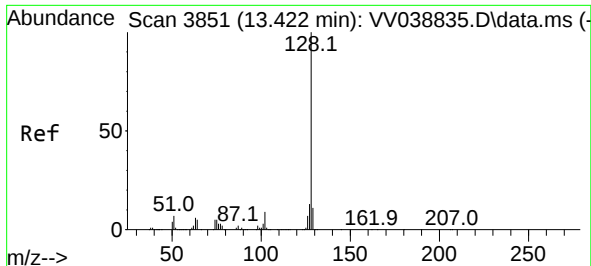
Tgt Ion:180 Resp: 1058082
Ion Ratio Lower Upper
180 100
182 95.1 47.6 142.8
145 32.2 16.4 49.1



#94
Hexachlorobutadiene
Concen: 101.960 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion:225 Resp: 457641
Ion Ratio Lower Upper
225 100
223 63.4 33.2 99.6
227 63.2 32.3 96.8

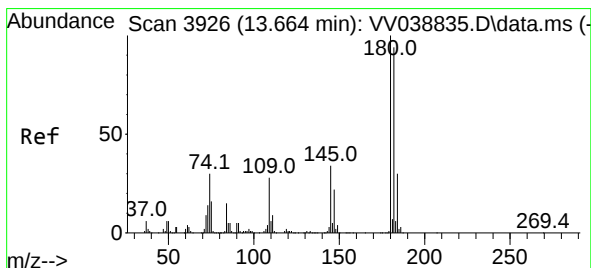
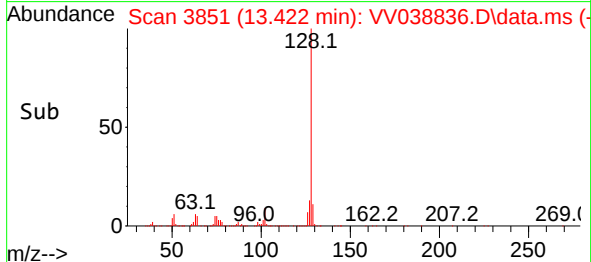
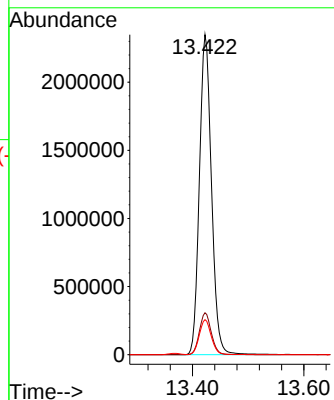
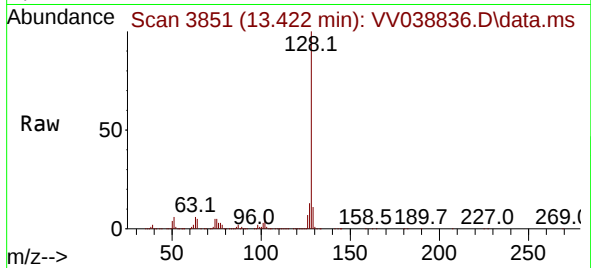




#95
Naphthalene
Concen: 119.438 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. -0.000 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 3534065
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 111.452 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.003 min
Lab File: VV038836.D
Acq: 02 Jul 2025 11:45

Tgt Ion:180 Resp: 1069767
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 34.2 17.1 51.2

