

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
 Data File : VV038834.D
 Acq On : 02 Jul 2025 10:46
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 03 02:24:04 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	517698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	807492	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	772107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	447799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	118671	20.453	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	40.900%#
35) Dibromofluoromethane	4.503	113	104529	20.436	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	40.880%#
50) Toluene-d8	7.236	98	334829	20.233	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	40.460%#
62) 4-Bromofluorobenzene	10.005	95	134509	20.118	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	40.240%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	97627	19.866	ug/l	98
3) Chloromethane	1.230	50	108864	19.952	ug/l	100
4) Vinyl Chloride	1.297	62	107598	19.189	ug/l	97
5) Bromomethane	1.500	94	69558	20.327	ug/l	89
6) Chloroethane	1.564	64	73112	19.449	ug/l	99
7) Trichlorofluoromethane	1.728	101	196679	19.825	ug/l	99
8) Diethyl Ether	1.918	74	68063	19.716	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.085	101	111230	19.829	ug/l	98
10) Methyl Iodide	2.198	142	134953	18.962	ug/l	99
11) Tert butyl alcohol	2.564	59	73676	97.282	ug/l	96
12) 1,1-Dichloroethene	2.085	96	101228	18.987	ug/l	95
13) Acrolein	2.014	56	17835	94.312	ug/l	97
14) Allyl chloride	2.362	41	134840	18.807	ug/l	95
15) Acrylonitrile	2.674	53	274092	103.462	ug/l	100
16) Acetone	2.121	43	192491	99.555	ug/l	100
17) Carbon Disulfide	2.256	76	238659	19.324	ug/l	99
18) Methyl Acetate	2.384	43	131168	19.895	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	336367	20.405	ug/l	99
20) Methylene Chloride	2.458	84	121490	19.013	ug/l	97
21) trans-1,2-Dichloroethene	2.706	96	106278	19.933	ug/l	96
22) Diisopropyl ether	3.214	45	315066	21.434	ug/l	94
23) Vinyl Acetate	3.191	43	1092209	103.042	ug/l	100
24) 1,1-Dichloroethane	3.121	63	199396	20.122	ug/l	99
25) 2-Butanone	3.863	43	290197	106.516	ug/l	99
26) 2,2-Dichloropropane	3.812	77	184432	20.081	ug/l	99
27) cis-1,2-Dichloroethene	3.825	96	125221	20.153	ug/l	98
28) Bromochloromethane	4.153	49	86346	20.388	ug/l	98
29) Tetrahydrofuran	4.233	42	199192	106.308	ug/l	99
30) Chloroform	4.278	83	224980	20.838	ug/l	98
31) Cyclohexane	4.583	56	151666	19.327	ug/l	97
32) 1,1,1-Trichloroethane	4.516	97	198795	19.839	ug/l	98
36) 1,1-Dichloropropene	4.751	75	133394	21.492	ug/l	98
37) Ethyl Acetate	3.976	43	120450	19.302	ug/l #	93
38) Carbon Tetrachloride	4.735	117	167973	20.562	ug/l	99
39) Methylcyclohexane	6.046	83	157280	19.381	ug/l	97
40) Benzene	5.011	78	426194	21.409	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	53428	20.065	ug/l	93
42) 1,2-Dichloroethane	5.040	62	154503	21.294	ug/l	99
43) Isopropyl Acetate	5.191	43	194057	19.284	ug/l	100
44) Trichloroethene	5.834	130	112111	20.961	ug/l	100
45) 1,2-Dichloropropane	6.088	63	99460	19.323	ug/l	95
46) Dibromomethane	6.227	93	83210	20.500	ug/l	99
47) Bromodichloromethane	6.426	83	176650	20.553	ug/l	96
48) Methyl methacrylate	6.300	41	85016	18.682	ug/l	93
49) 1,4-Dioxane	6.288	88	24334	378.801	ug/l	96
51) 4-Methyl-2-Pentanone	7.146	43	689955	109.959	ug/l	100
52) Toluene	7.310	92	279195	21.804	ug/l	100
53) t-1,3-Dichloropropene	7.577	75	168654	21.122	ug/l	96
54) cis-1,3-Dichloropropene	6.950	75	179211	21.301	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	118838	21.224	ug/l	96
56) Ethyl methacrylate	7.715	69	149867	20.345	ug/l	98
57) 1,3-Dichloropropane	7.934	76	186224	21.112	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	339624	105.605	ug/l	100
59) 2-Hexanone	8.062	43	470632	103.456	ug/l	99
60) Dibromochloromethane	8.165	129	142979	20.280	ug/l	98
61) 1,2-Dibromoethane	8.275	107	124950	21.969	ug/l	99
64) Tetrachloroethene	7.898	164	98484	19.835	ug/l	97
65) Chlorobenzene	8.805	112	330926	20.338	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.898	131	125160	20.599	ug/l	99
67) Ethyl Benzene	8.937	91	516790	20.271	ug/l	99
68) m/p-Xylenes	9.062	106	418110	42.819	ug/l	98
69) o-Xylene	9.468	106	186626	20.004	ug/l	99
70) Styrene	9.487	104	341292	20.924	ug/l	99
71) Bromoform	9.654	173	101389	20.535	ug/l #	99
73) Isopropylbenzene	9.857	105	538136	20.477	ug/l	99
74) N-amyl acetate	9.725	43	177497	19.747	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	193169	20.275	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	134282	19.381	ug/l	97
77) Bromobenzene	10.143	156	135377	19.968	ug/l	99
78) n-propylbenzene	10.278	91	637980	20.399	ug/l	100
79) 2-Chlorotoluene	10.349	91	391157	20.594	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	466697	20.769	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	61886	19.013	ug/l	95
82) 4-Chlorotoluene	10.464	91	453041	20.690	ug/l	99
83) tert-Butylbenzene	10.789	119	461363	19.796	ug/l	97
84) 1,2,4-Trimethylbenzene	10.840	105	455829	20.697	ug/l	98
85) sec-Butylbenzene	11.014	105	604551	20.376	ug/l	99
86) p-Isopropyltoluene	11.168	119	517705	20.351	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	280339	20.340	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	292759	20.158	ug/l	99
89) n-Butylbenzene	11.580	91	469101	19.898	ug/l	99
90) Hexachloroethane	11.821	117	106418	19.272	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	258829	19.924	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	38755	19.213	ug/l	98
93) 1,2,4-Trichlorobenzene	13.184	180	164952	19.589	ug/l	98
94) Hexachlorobutadiene	13.368	225	80228	19.743	ug/l	96
95) Naphthalene	13.426	128	500781	18.694	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	172278	19.825	ug/l	100

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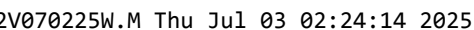
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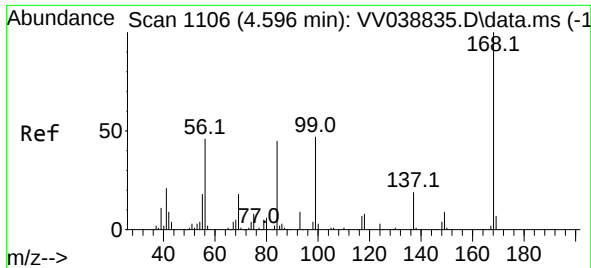
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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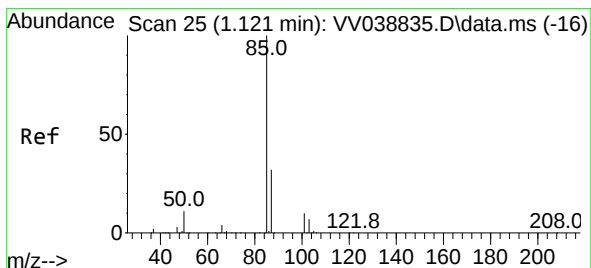
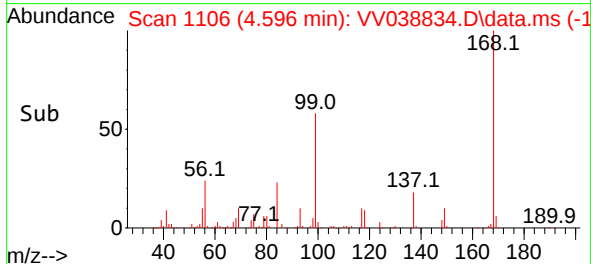
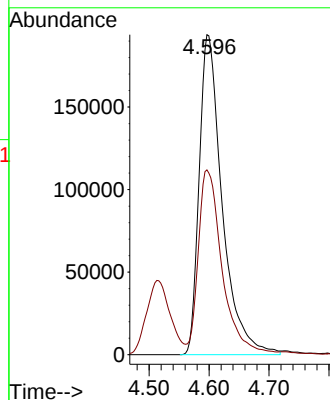
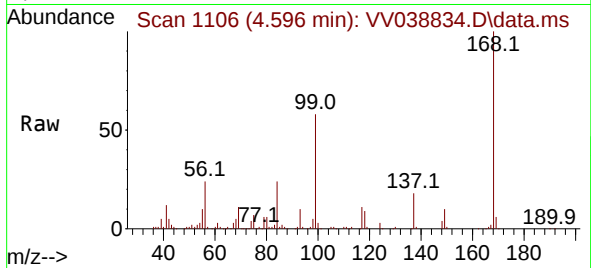




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. 0.000 min
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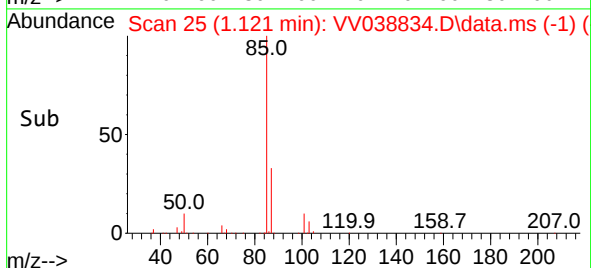
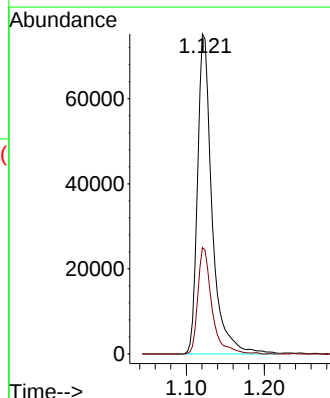
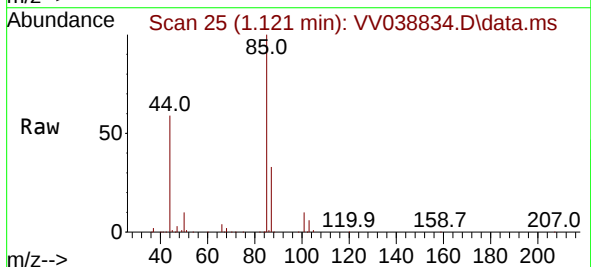
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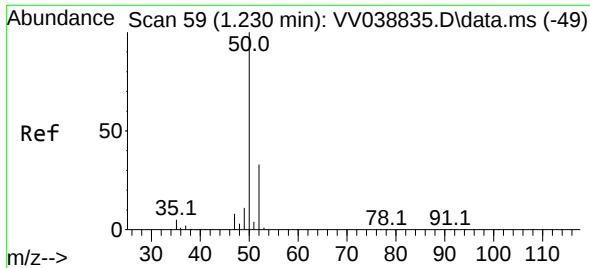
Tgt Ion:168 Resp: 517698
Ion Ratio Lower Upper
168 100
99 56.9 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 19.866 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 85 Resp: 97627
Ion Ratio Lower Upper
85 100
87 33.3 16.1 48.3

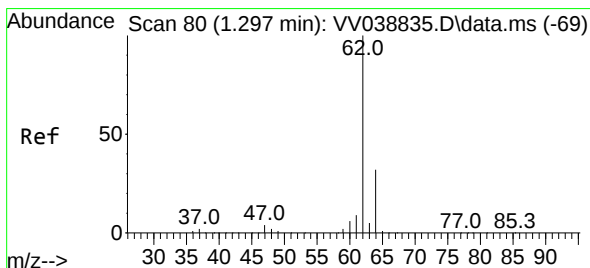
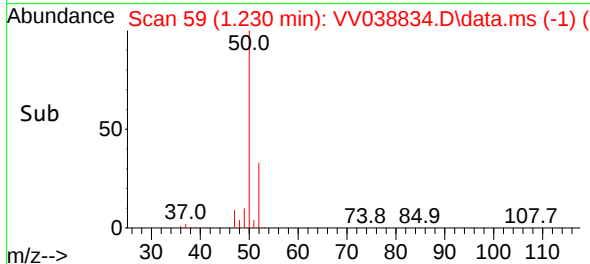
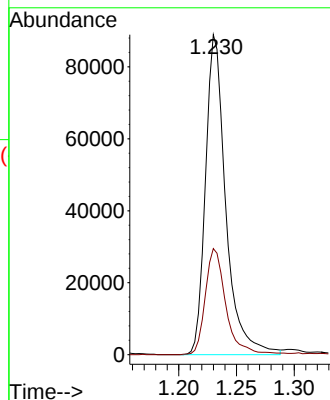
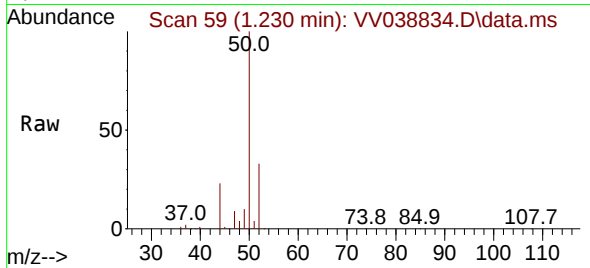




#3
Chloromethane
Concen: 19.952 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038834.D
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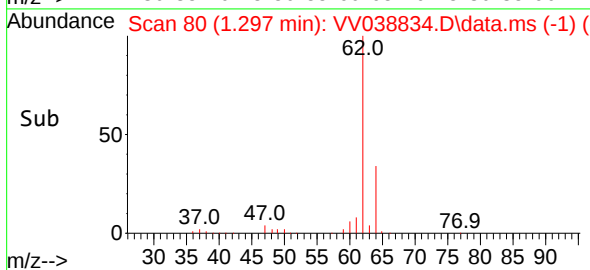
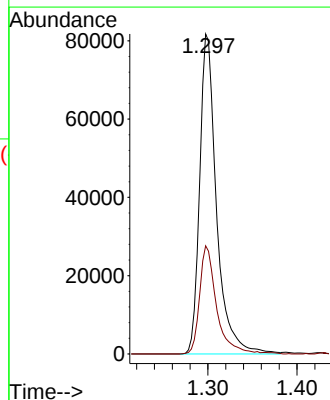
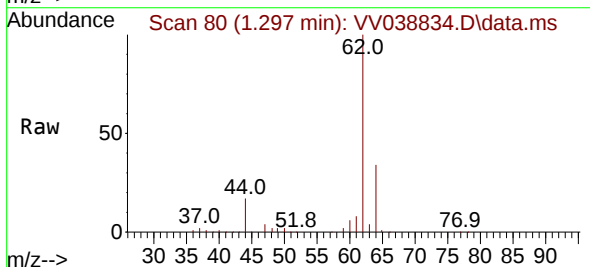
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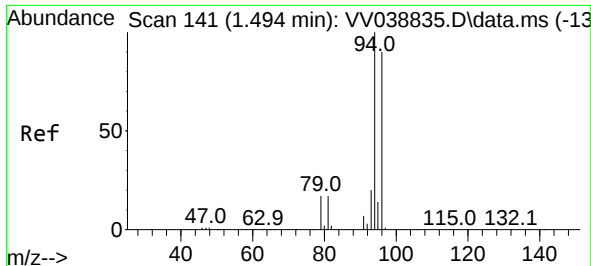
Tgt Ion: 50 Resp: 108864
Ion Ratio Lower Upper
50 100
52 33.1 26.7 40.1



#4
Vinyl Chloride
Concen: 19.189 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 62 Resp: 107598
Ion Ratio Lower Upper
62 100
64 33.8 25.5 38.3

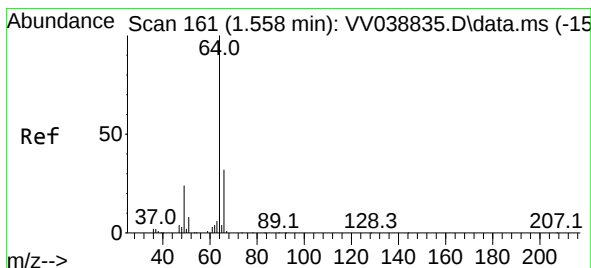
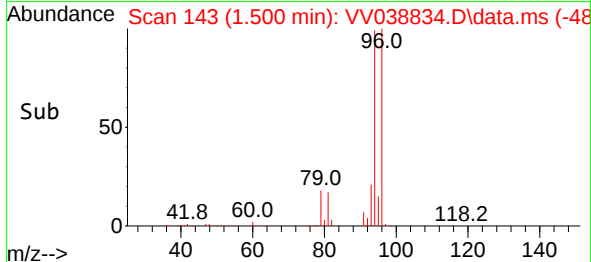
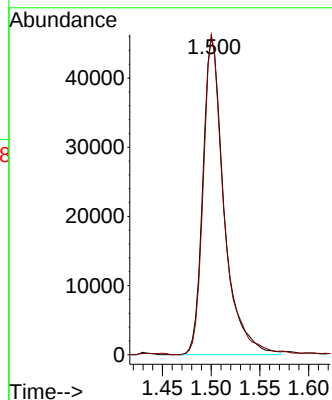
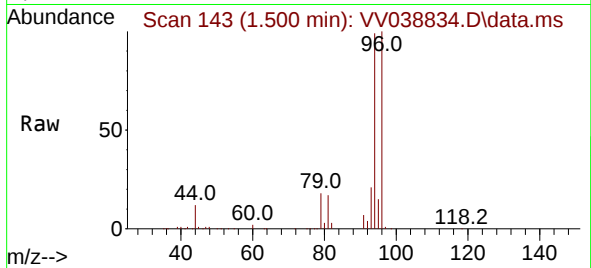




#5
Bromomethane
Concen: 20.327 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.006 min
Lab File: VV038834.D
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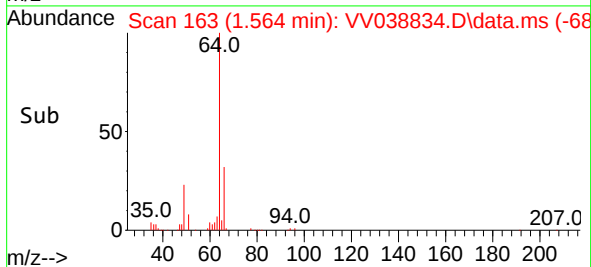
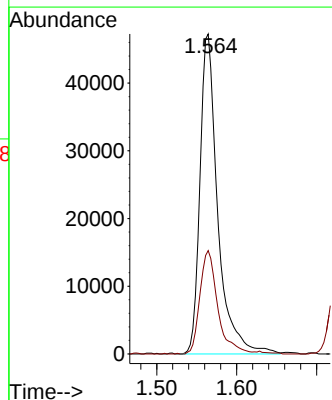
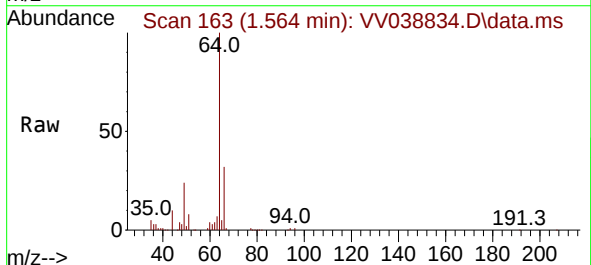
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Tgt Ion: 94 Resp: 69558
Ion Ratio Lower Upper
94 100
96 101.1 72.2 108.4



#6
Chloroethane
Concen: 19.449 ug/l
RT: 1.564 min Scan# 163
Delta R.T. 0.006 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 64 Resp: 73112
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0

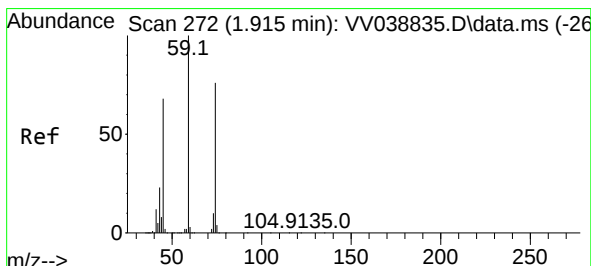
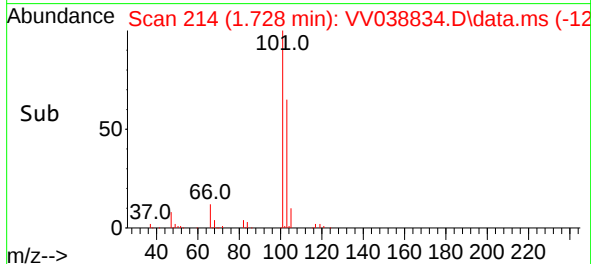
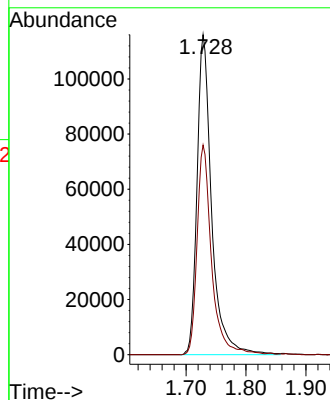
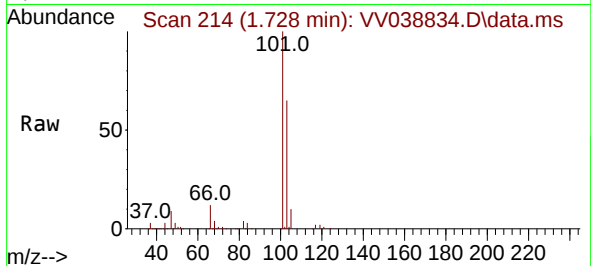




#7
 Trichlorofluoromethane
 Concen: 19.825 ug/l
 RT: 1.728 min Scan# 213
 Delta R.T. 0.003 min
 Lab File: VV038834.D
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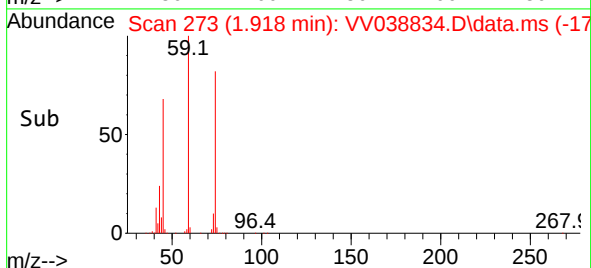
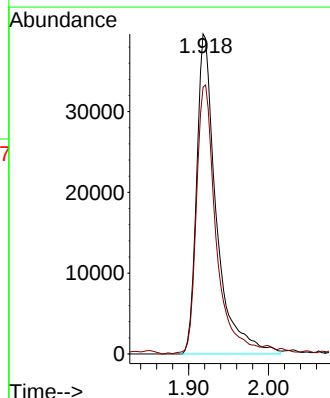
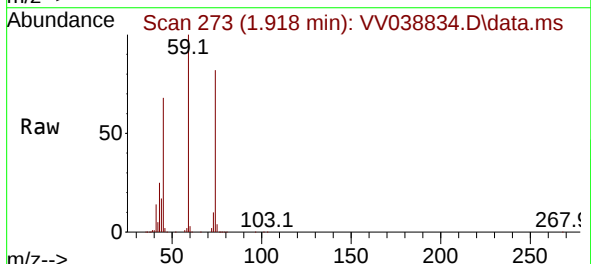
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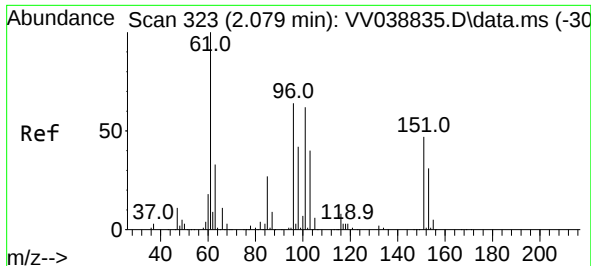
Tgt Ion: 101 Resp: 196679
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.8 79.2



#8
 Diethyl Ether
 Concen: 19.716 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038834.D
 Acq: 02 Jul 2025 10:46

Tgt Ion: 74 Resp: 68063
 Ion Ratio Lower Upper
 74 100
 45 83.4 43.9 131.7

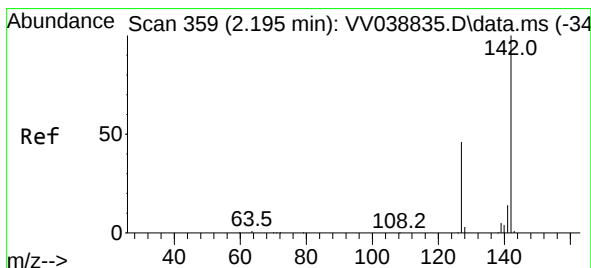
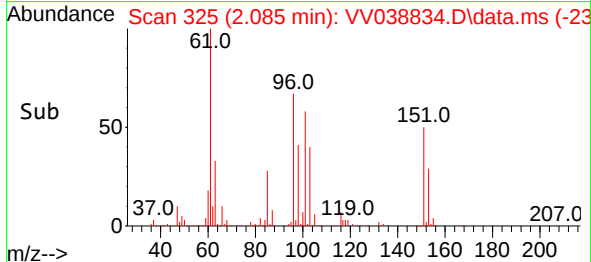
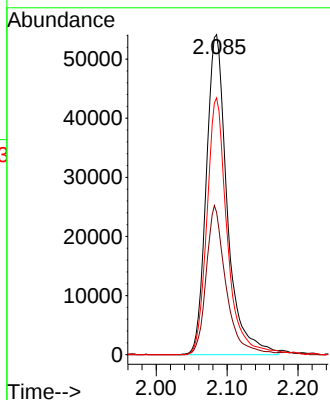
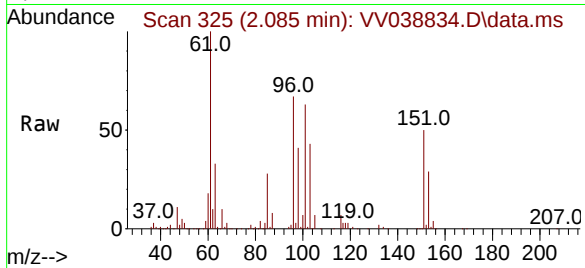




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.829 ug/l
RT: 2.085 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV038834.D
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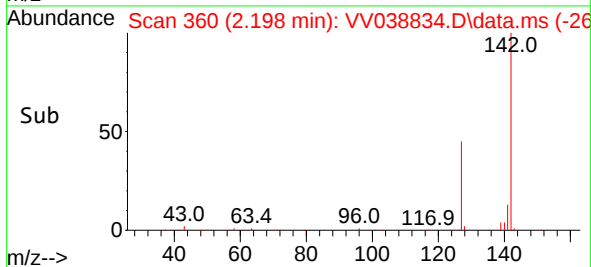
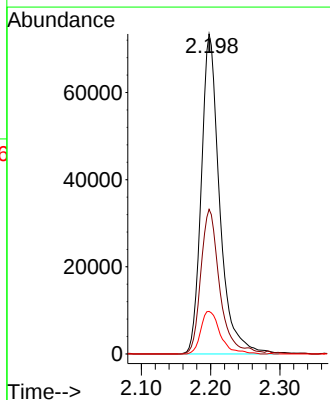
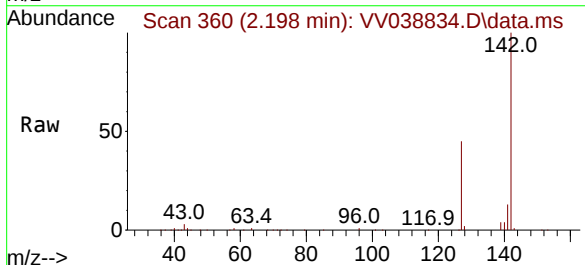
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

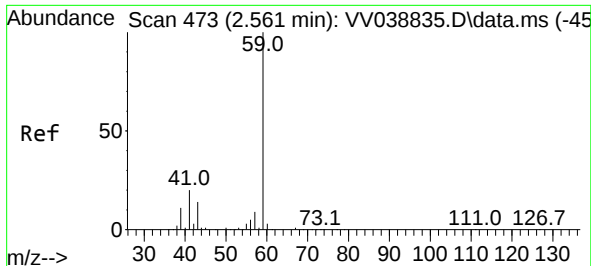
Tgt Ion:101 Resp: 111230
Ion Ratio Lower Upper
101 100
85 44.0 34.6 52.0
151 77.8 60.4 90.6



#10
Methyl Iodide
Concen: 18.962 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion:142 Resp: 134953
Ion Ratio Lower Upper
142 100
127 46.5 36.9 55.3
141 14.2 11.8 17.8

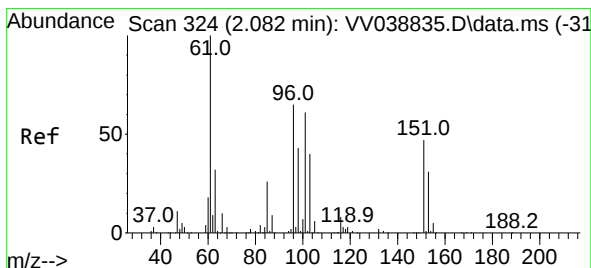
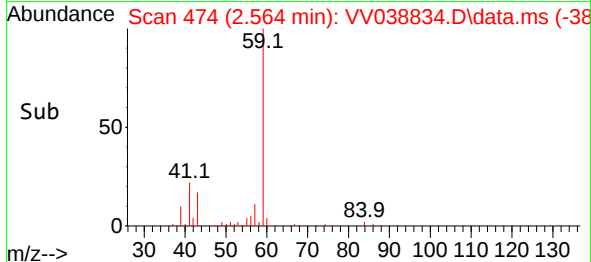
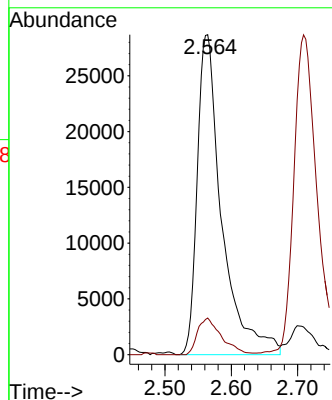
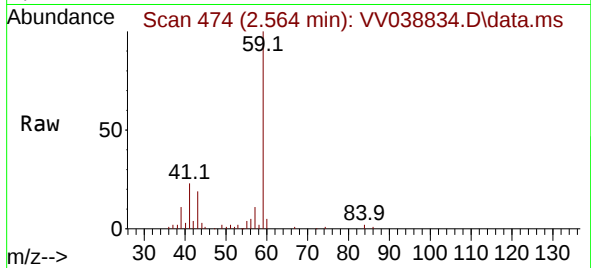




#11
Tert butyl alcohol
Concen: 97.282 ug/l
RT: 2.564 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

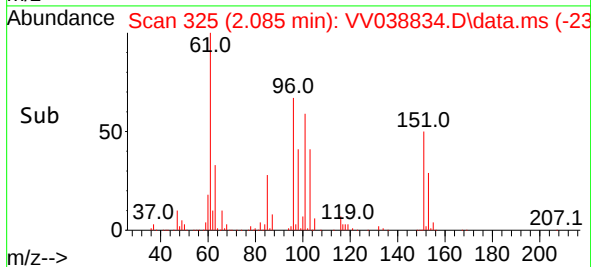
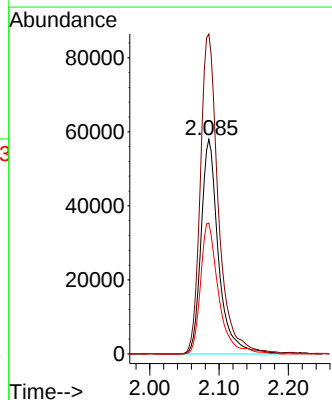
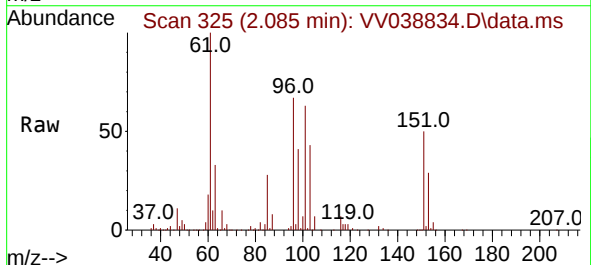
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

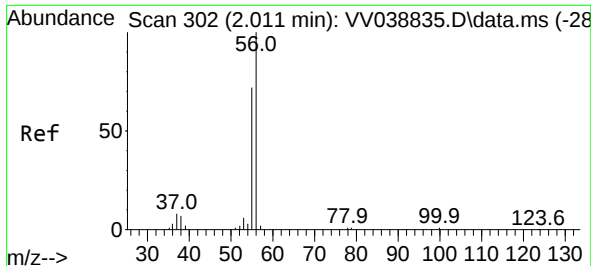
Tgt Ion: 59 Resp: 73676
Ion Ratio Lower Upper
59 100
57 11.3 8.0 12.0



#12
1,1-Dichloroethene
Concen: 18.987 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 96 Resp: 101228
Ion Ratio Lower Upper
96 100
61 149.2 123.5 185.3
98 61.0 52.5 78.7

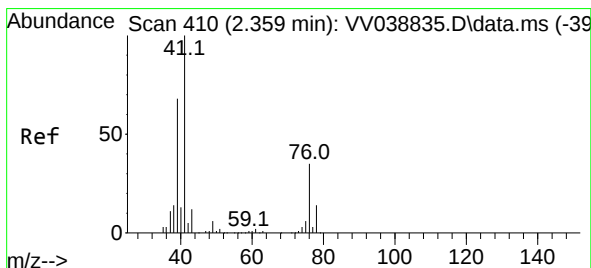
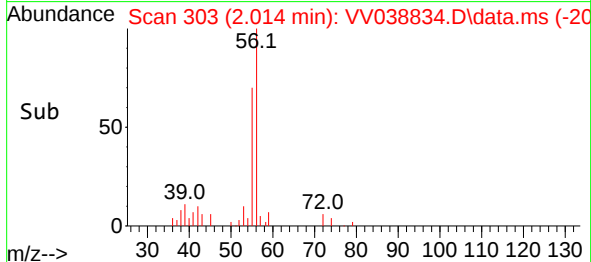
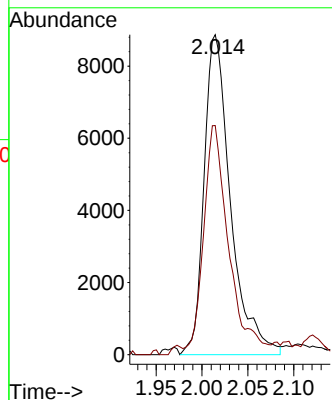
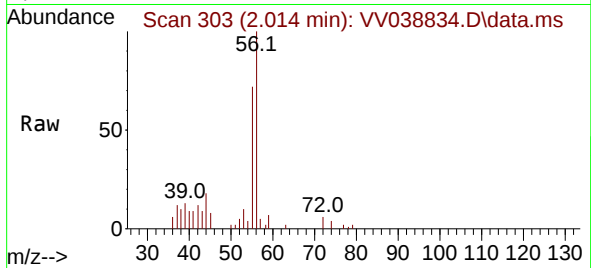




#13
Acrolein
Concen: 94.312 ug/l
RT: 2.014 min Scan# 302
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

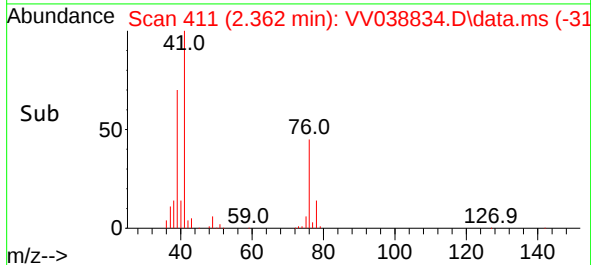
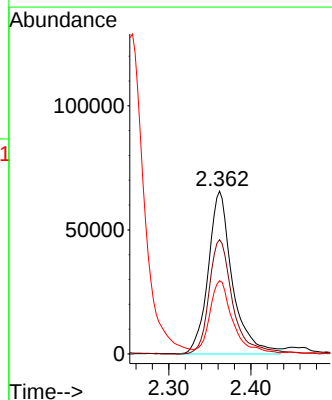
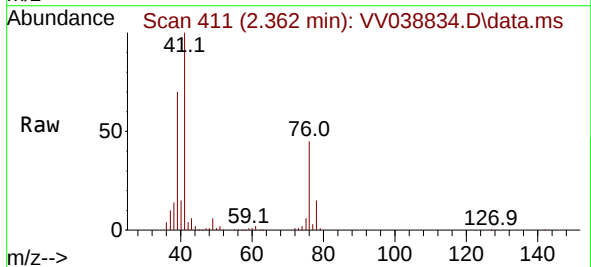
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

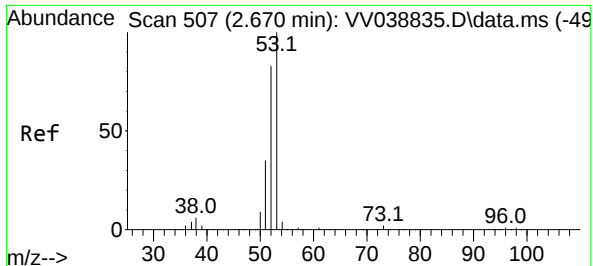
Tgt Ion: 56 Resp: 17835
Ion Ratio Lower Upper
56 100
55 64.6 53.4 80.2



#14
Allyl chloride
Concen: 18.807 ug/l
RT: 2.362 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 41 Resp: 134840
Ion Ratio Lower Upper
41 100
39 69.2 51.0 76.4
76 41.1 33.6 50.4

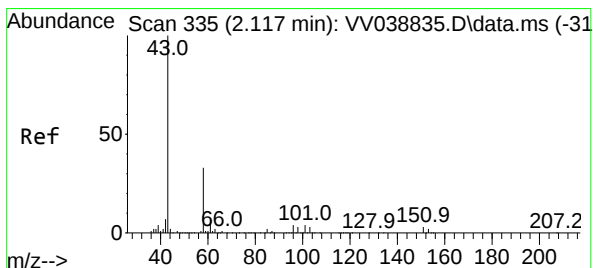
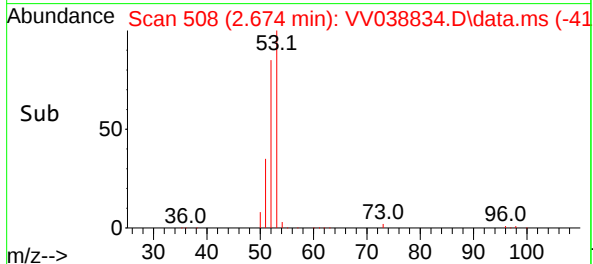
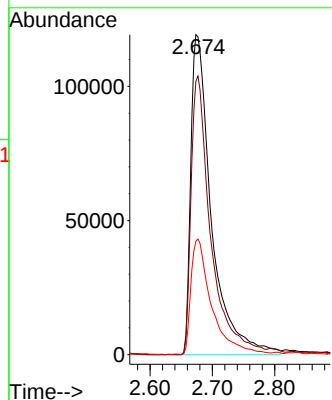
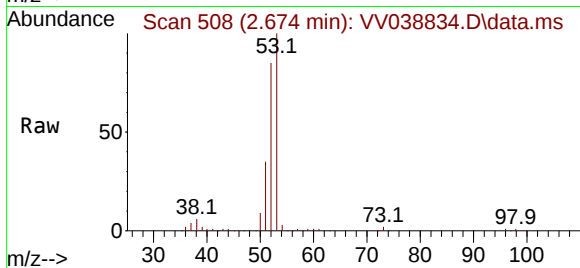




#15
Acrylonitrile
Concen: 103.462 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

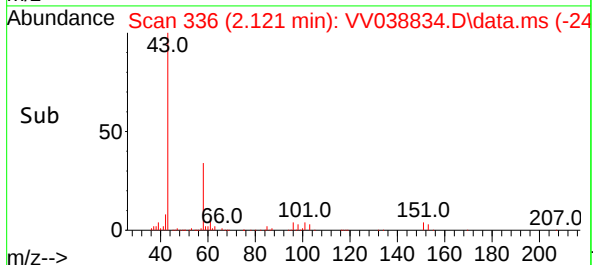
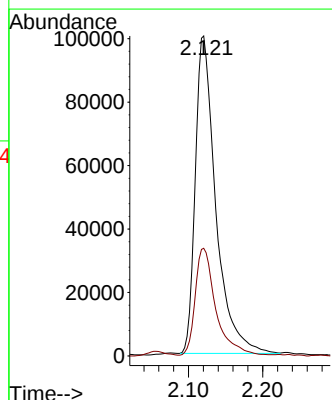
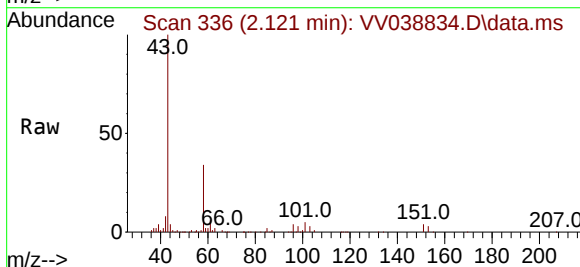
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

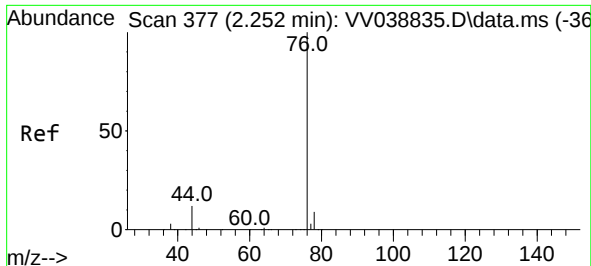
Tgt Ion: 53 Resp: 274092
Ion Ratio Lower Upper
53 100
52 82.6 65.8 98.6
51 35.8 28.5 42.7



#16
Acetone
Concen: 99.555 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 43 Resp: 192491
Ion Ratio Lower Upper
43 100
58 33.7 27.0 40.4

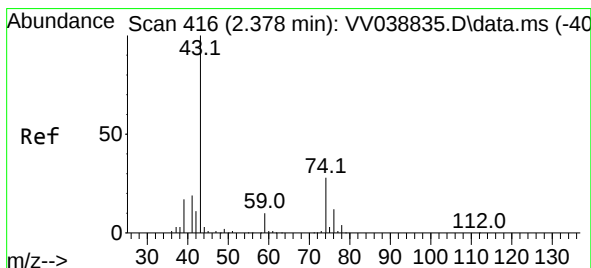
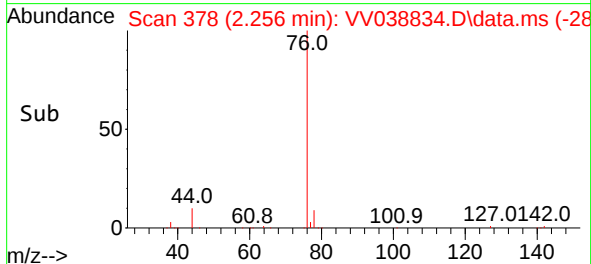
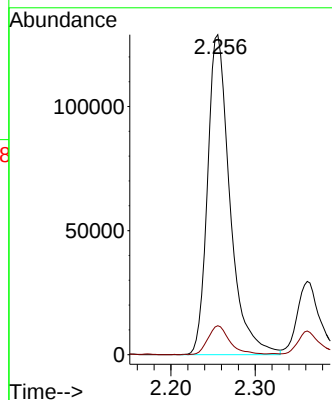
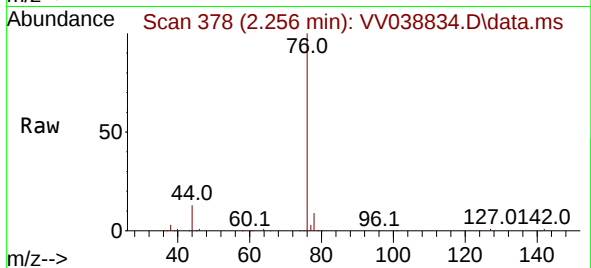




#17
Carbon Disulfide
Concen: 19.324 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

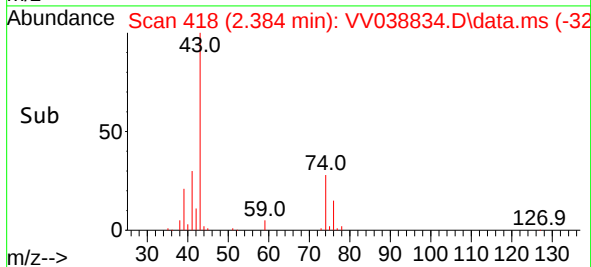
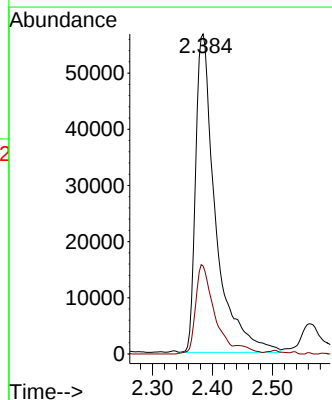
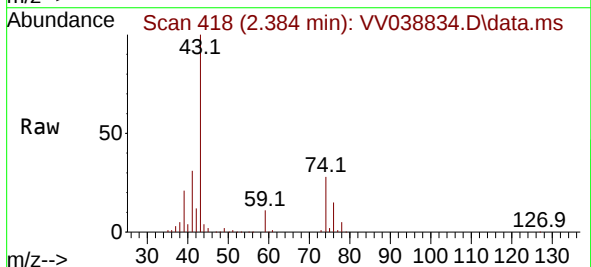
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

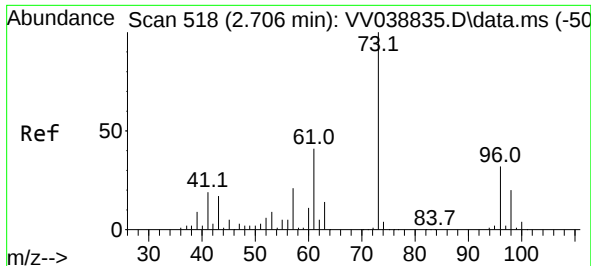
Tgt Ion: 76 Resp: 238659
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 19.895 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.006 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 43 Resp: 131168
Ion Ratio Lower Upper
43 100
74 25.5 21.4 32.0

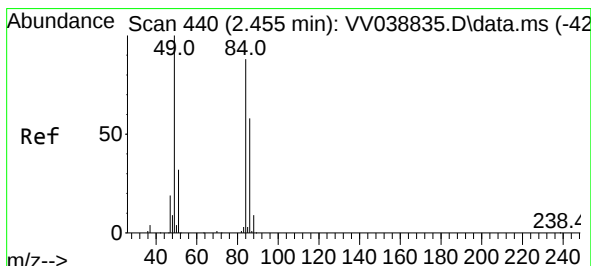
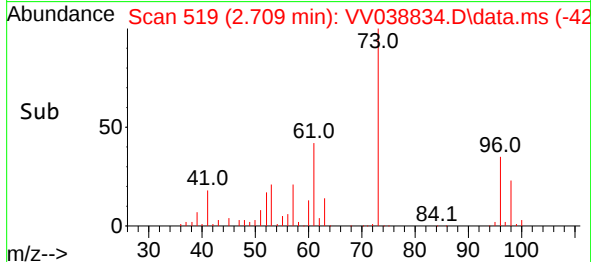
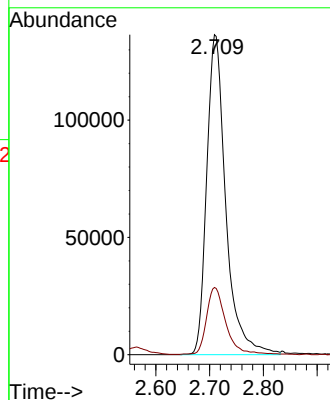
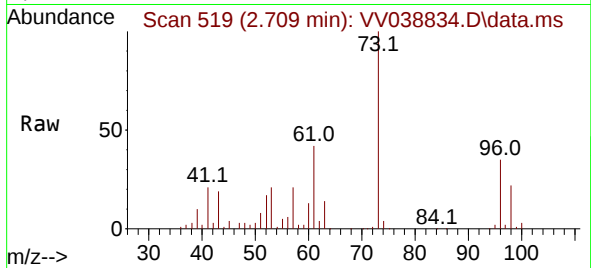




#19
Methyl tert-butyl Ether
Concen: 20.405 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

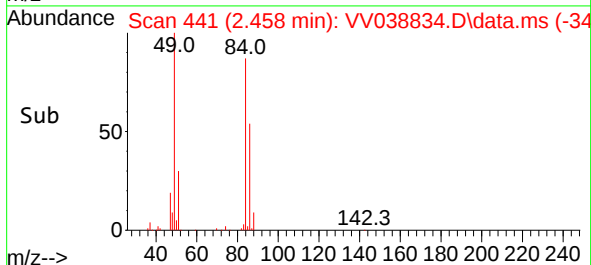
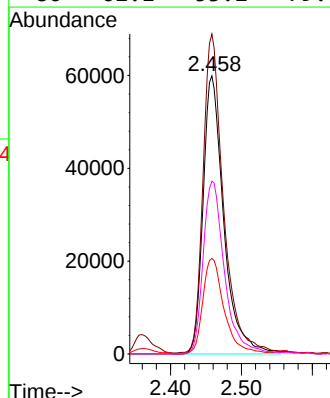
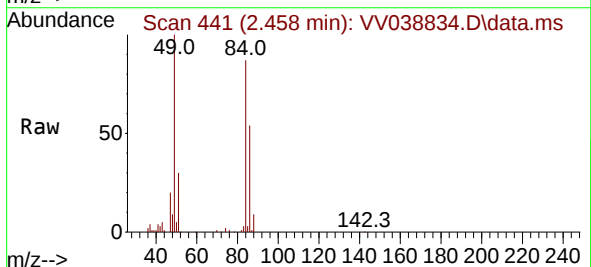
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

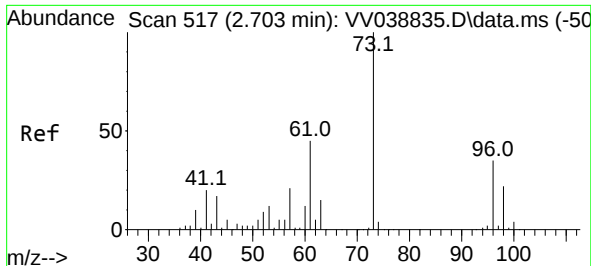
Tgt Ion: 73 Resp: 336367
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.4



#20
Methylene Chloride
Concen: 19.013 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 84 Resp: 121490
Ion Ratio Lower Upper
84 100
49 114.6 91.0 136.4
51 34.4 29.4 44.2
86 62.1 53.2 79.8

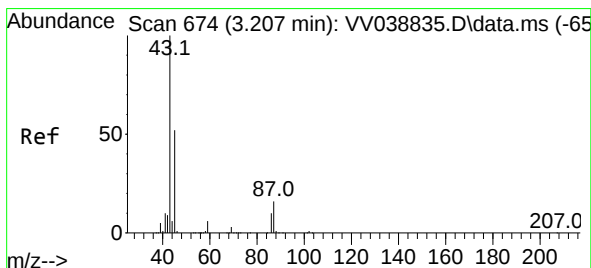
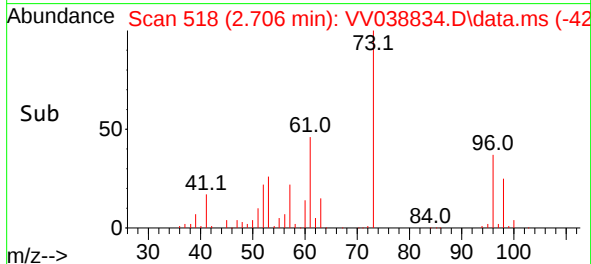
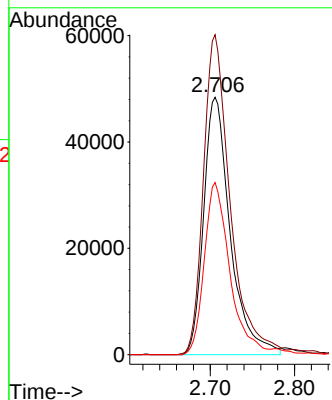
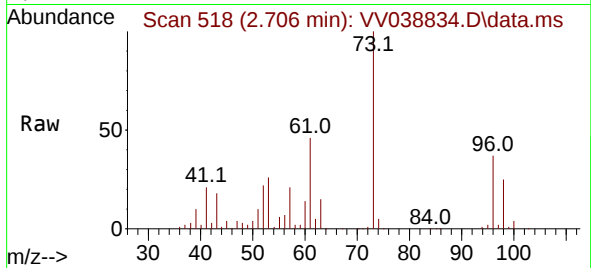




#21
trans-1,2-Dichloroethene
Concen: 19.933 ug/l
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

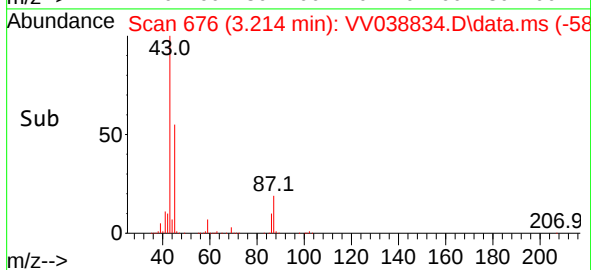
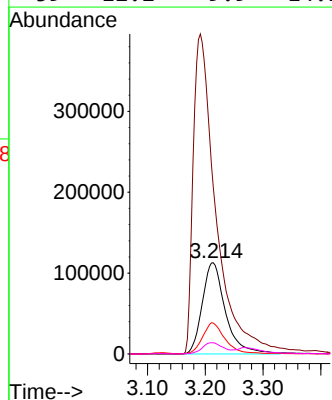
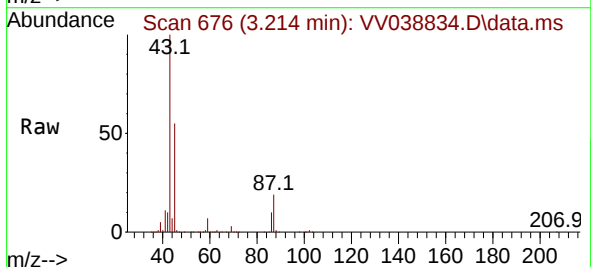
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

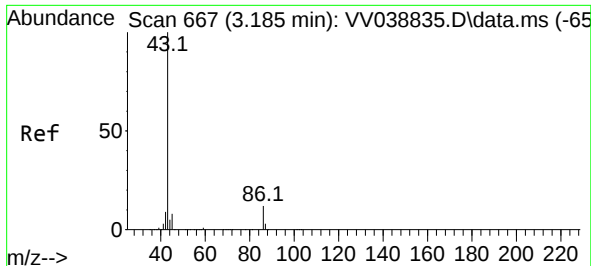
Tgt Ion: 96 Resp: 106278
Ion Ratio Lower Upper
96 100
61 124.0 102.8 154.2
98 66.9 50.9 76.3



#22
Diisopropyl ether
Concen: 21.434 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.006 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 45 Resp: 315066
Ion Ratio Lower Upper
45 100
43 182.4 153.1 229.7
87 33.7 25.2 37.8
59 12.2 9.9 14.9

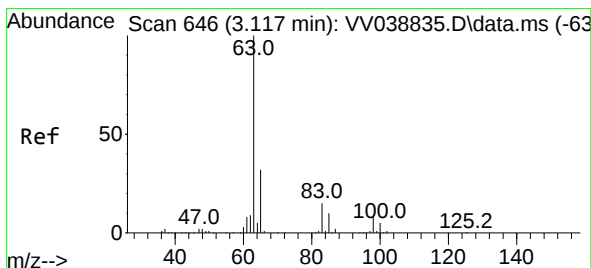
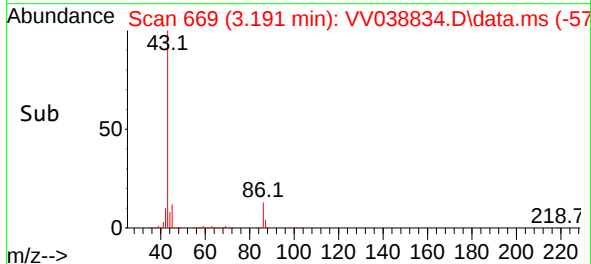
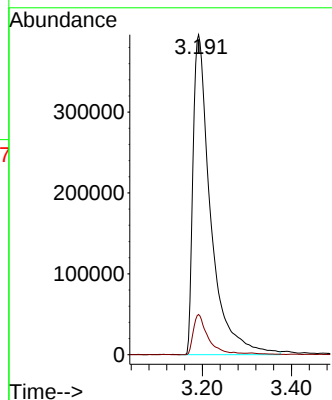
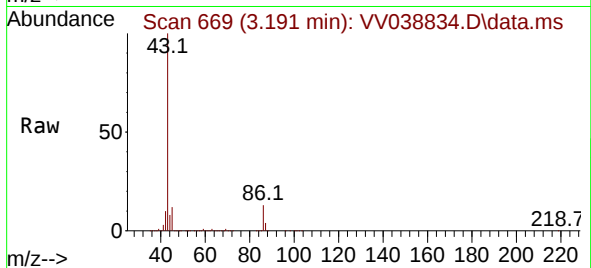




#23
 Vinyl Acetate
 Concen: 103.042 ug/l
 RT: 3.191 min Scan# 669
 Delta R.T. 0.006 min
 Lab File: VV038834.D
 Acq: 02 Jul 2025 10:46

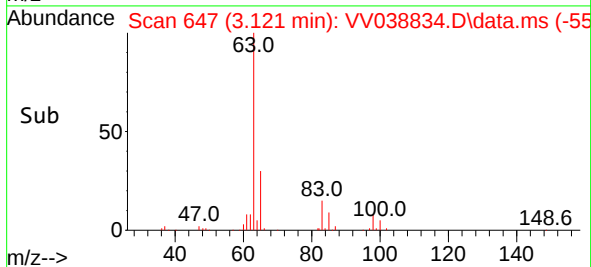
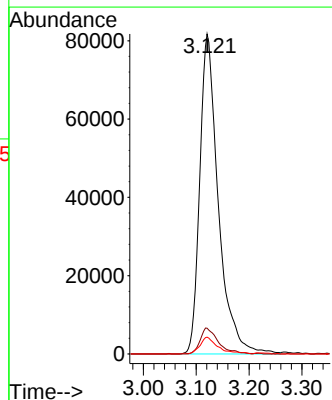
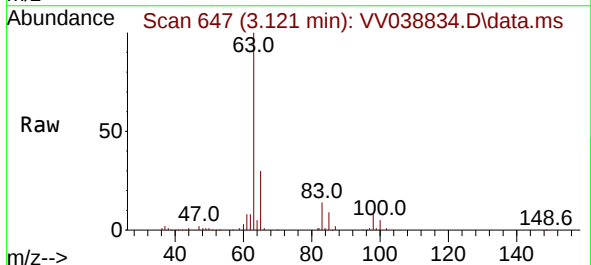
Instrument :
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 ClientSampleId :
 VSTDIC020

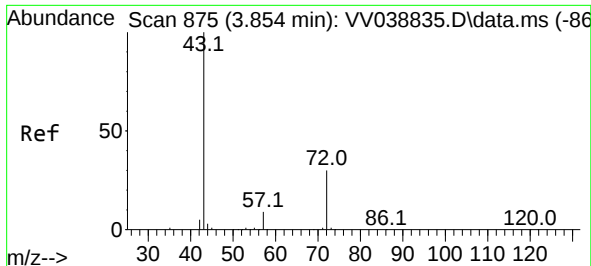
Tgt Ion: 43 Resp: 1092209
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 20.122 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038834.D
 Acq: 02 Jul 2025 10:46

Tgt Ion: 63 Resp: 199396
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.1 12.3
 100 5.3 2.4 7.2

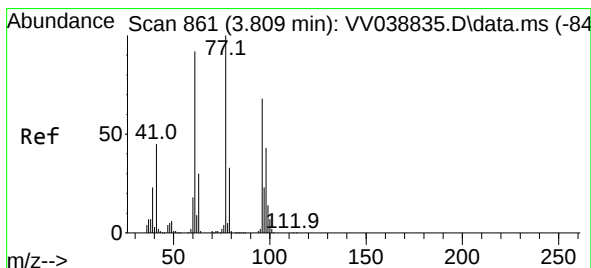
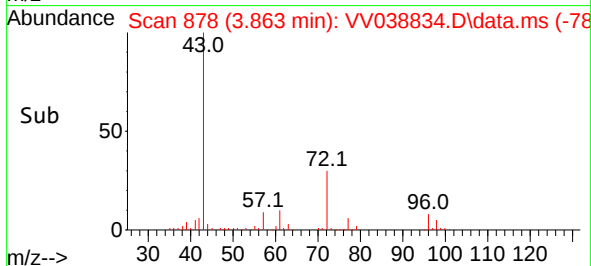
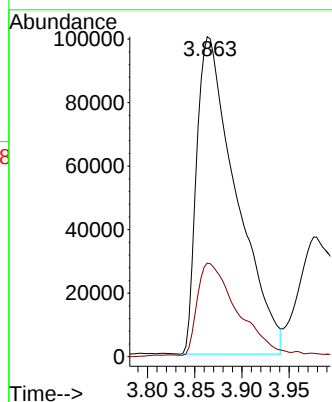
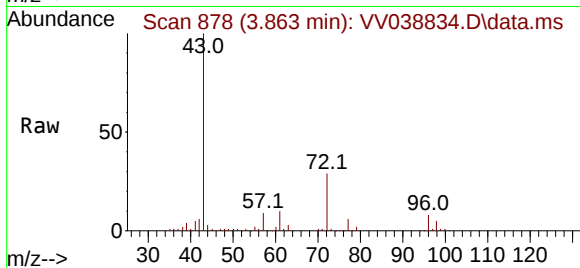




#25
2-Butanone
Concen: 106.516 ug/l
RT: 3.863 min Scan# 81
Delta R.T. 0.010 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

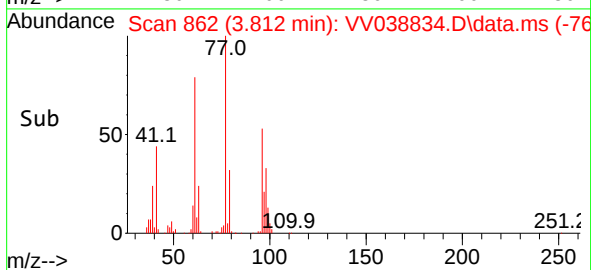
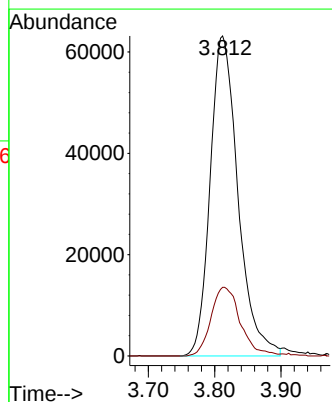
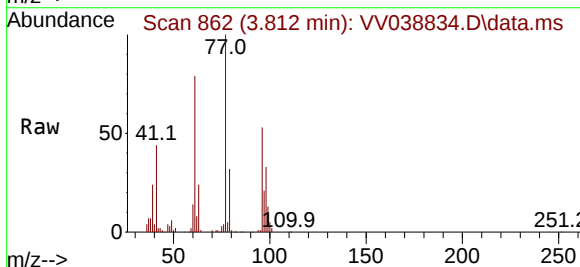
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

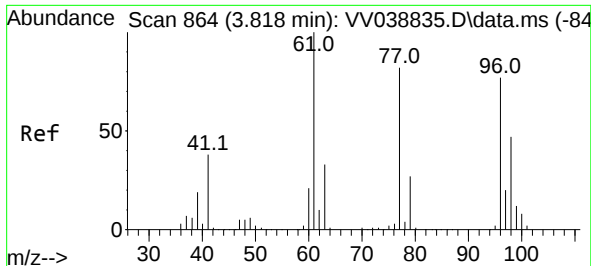
Tgt Ion: 43 Resp: 290197
Ion Ratio Lower Upper
43 100
72 29.1 23.8 35.8



#26
2,2-Dichloropropane
Concen: 20.081 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 77 Resp: 184432
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.4

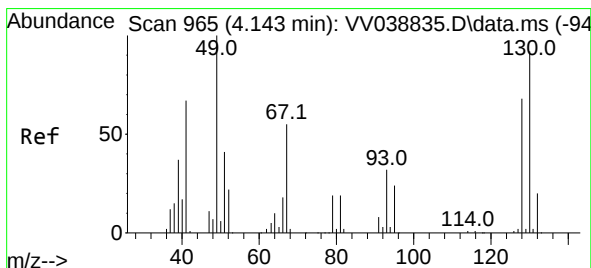
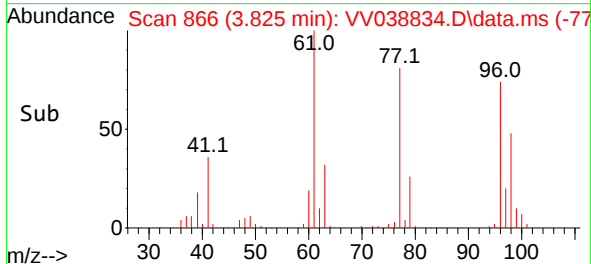
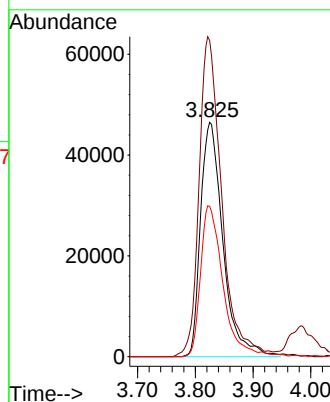
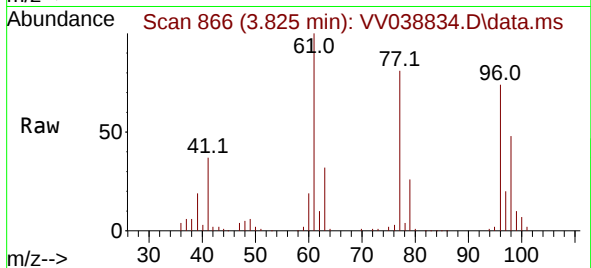




#27
 cis-1,2-Dichloroethene
 Concen: 20.153 ug/l
 RT: 3.825 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VV038834.D
 Acq: 02 Jul 2025 10:46

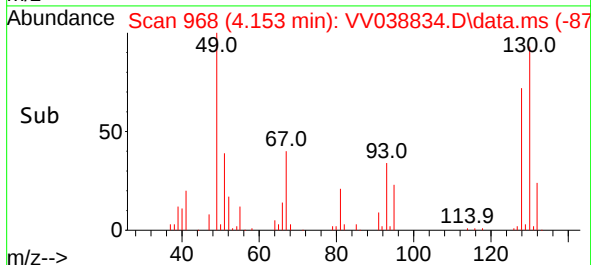
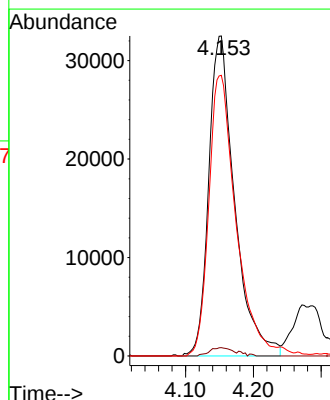
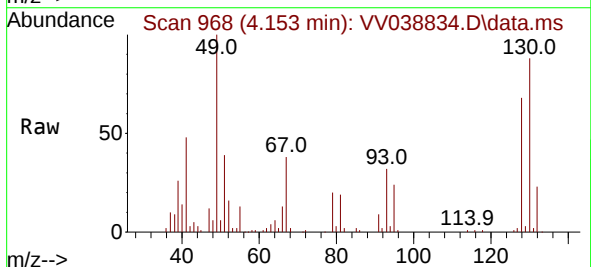
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

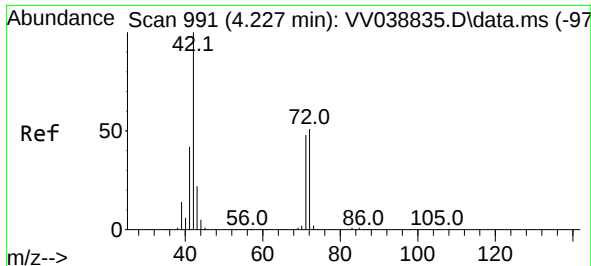
Tgt Ion: 96 Resp: 125221
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 268.4
 98 63.1 0.0 128.0



#28
 Bromochloromethane
 Concen: 20.388 ug/l
 RT: 4.153 min Scan# 968
 Delta R.T. 0.010 min
 Lab File: VV038834.D
 Acq: 02 Jul 2025 10:46

Tgt Ion: 49 Resp: 86346
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.2
 130 92.4 72.5 108.7





#29

Tetrahydrofuran

Concen: 106.308 ug/l

RT: 4.233 min Scan# 991

Delta R.T. 0.006 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

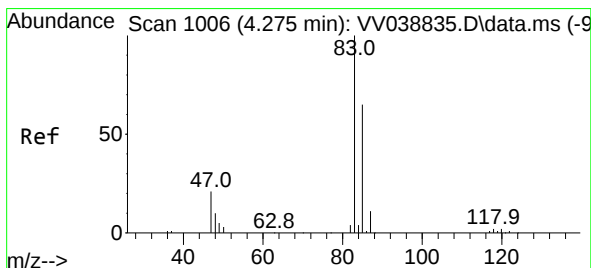
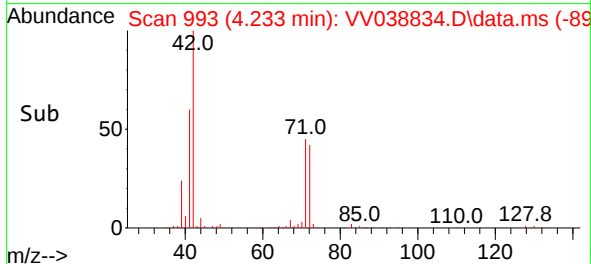
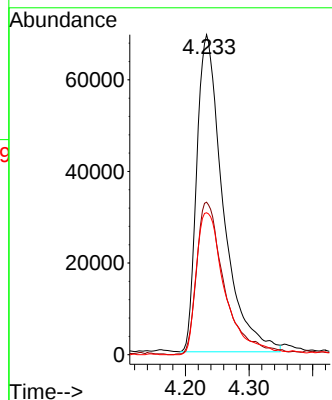
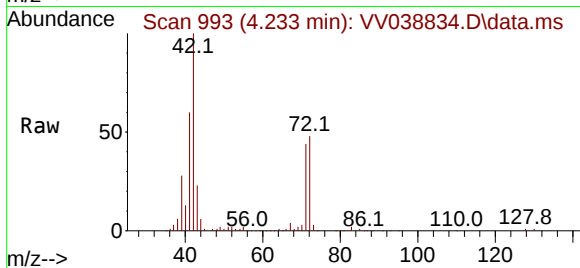
Tgt Ion: 42 Resp: 199192

Ion Ratio Lower Upper

42 100

72 51.0 41.3 61.9

71 48.6 39.2 58.8



#30

Chloroform

Concen: 20.838 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV038834.D

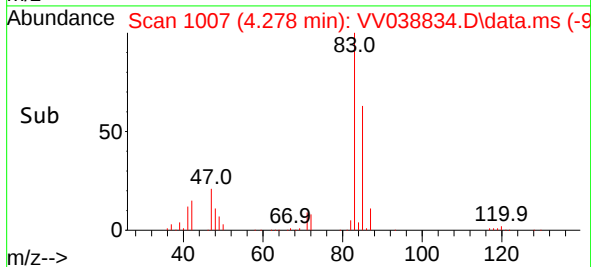
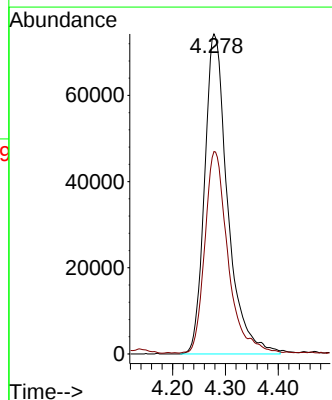
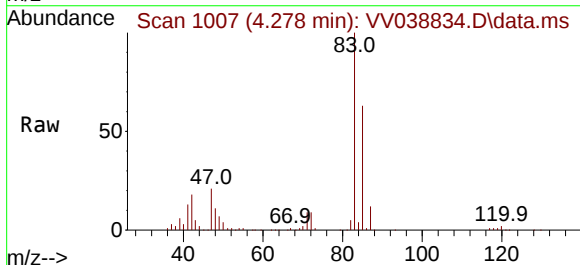
Acq: 02 Jul 2025 10:46

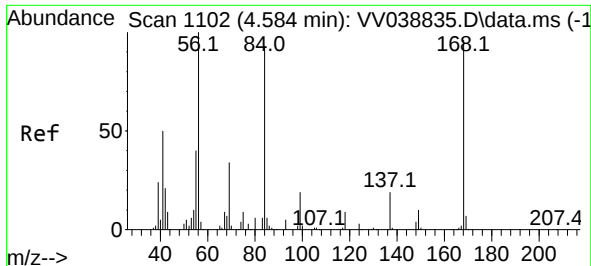
Tgt Ion: 83 Resp: 224980

Ion Ratio Lower Upper

83 100

85 62.9 51.8 77.6

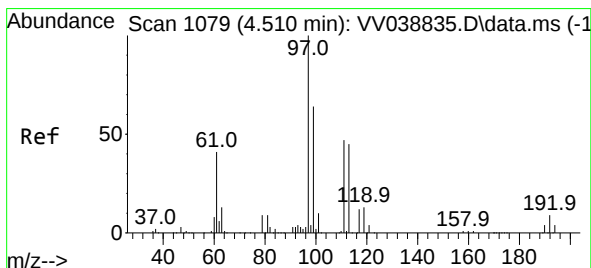
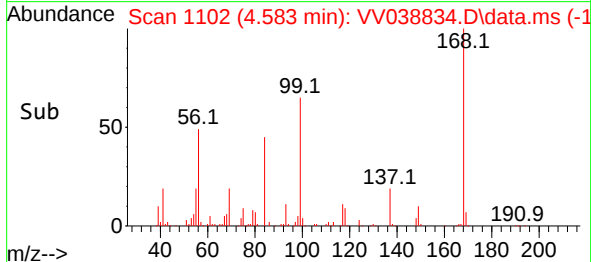
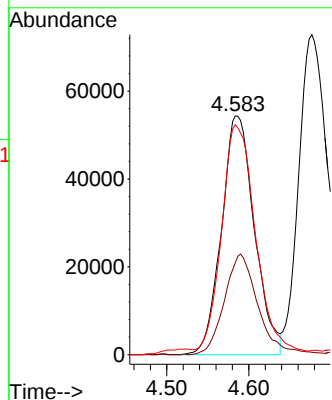
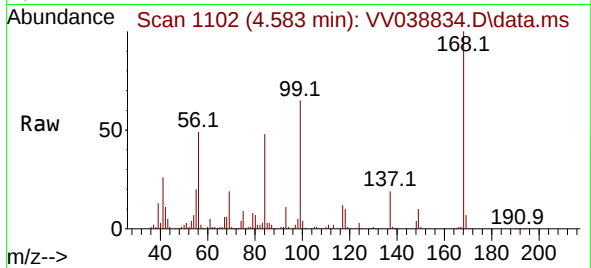




#31
Cyclohexane
Concen: 19.327 ug/l
RT: 4.583 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

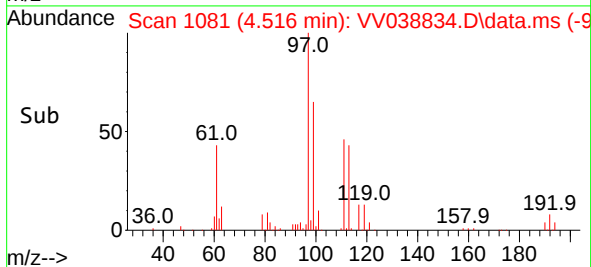
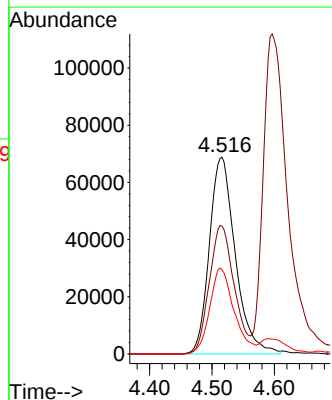
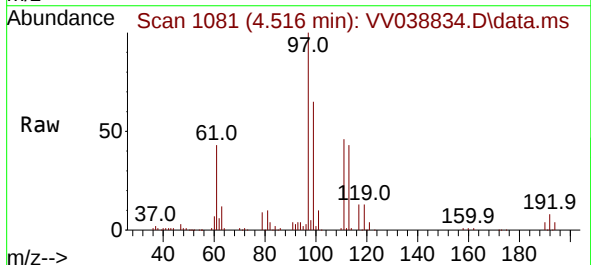
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 151666
Ion Ratio Lower Upper
56 100
69 38.4 27.0 40.4
84 93.9 74.4 111.6



#32
1,1,1-Trichloroethane
Concen: 19.839 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 97 Resp: 198795
Ion Ratio Lower Upper
97 100
99 62.4 48.8 73.2
61 41.0 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 20.453 ug/l

RT: 4.944 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

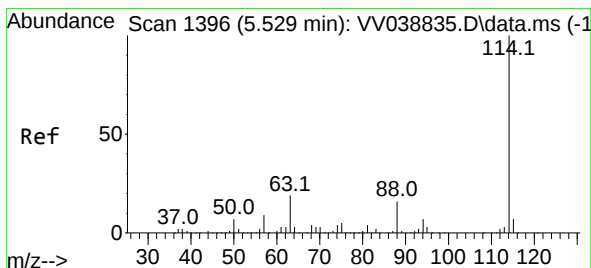
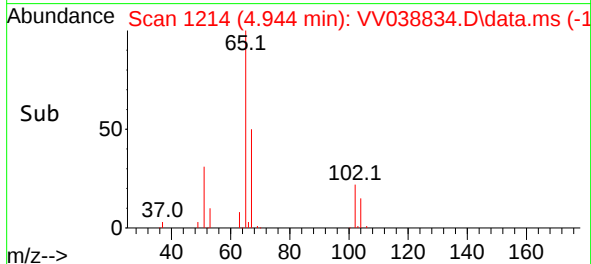
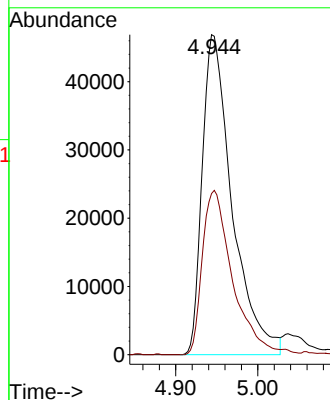
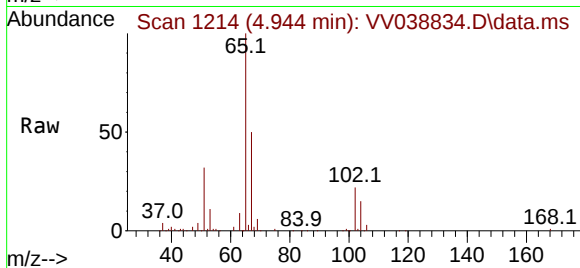
VSTDIC020

Tgt Ion: 65 Resp: 118671

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

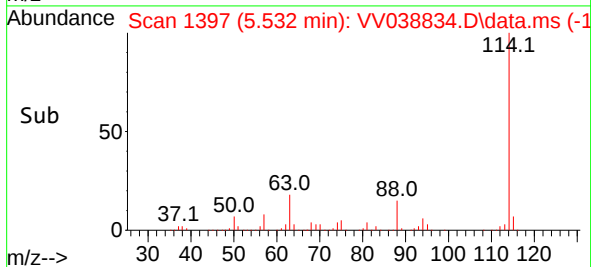
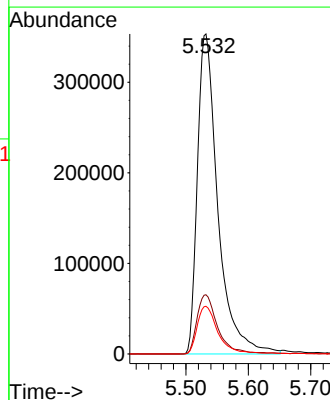
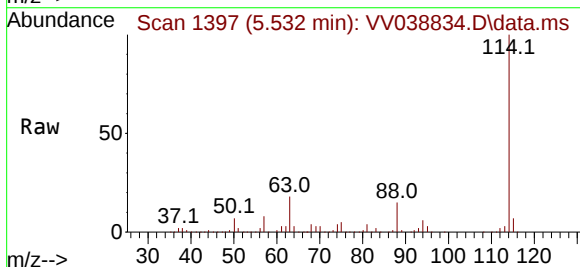
Tgt Ion: 114 Resp: 807492

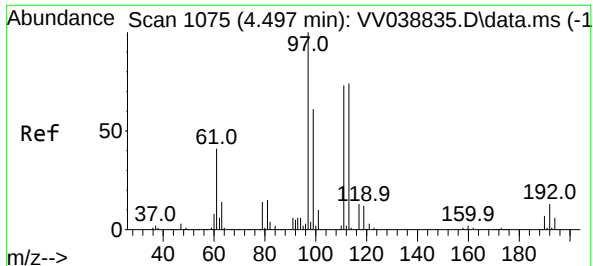
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 14.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 20.436 ug/l

RT: 4.503 min Scan# 110

Delta R.T. 0.006 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

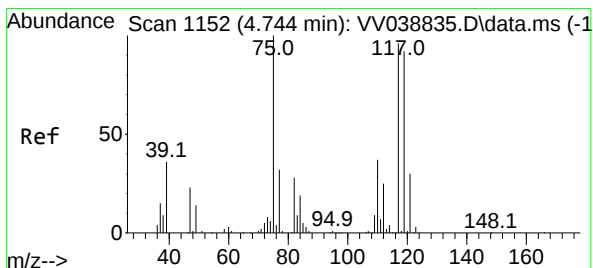
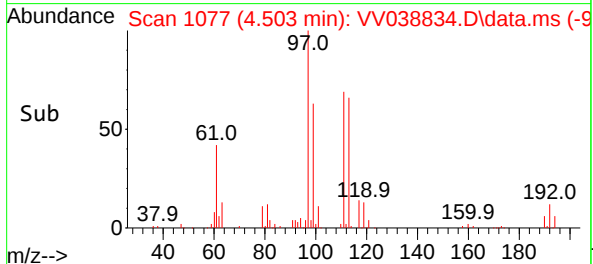
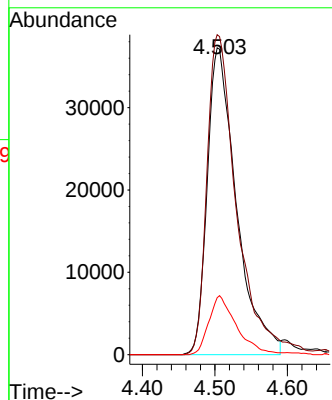
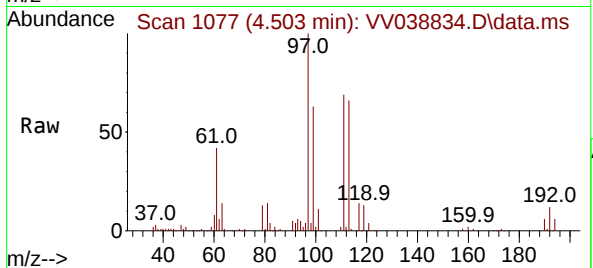
Tgt Ion:113 Resp: 104529

Ion Ratio Lower Upper

113 100

111 106.3 81.5 122.3

192 18.2 14.7 22.1



#36

1,1-Dichloropropene

Concen: 21.492 ug/l

RT: 4.751 min Scan# 1154

Delta R.T. 0.006 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

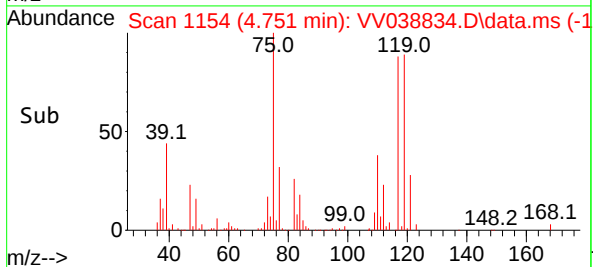
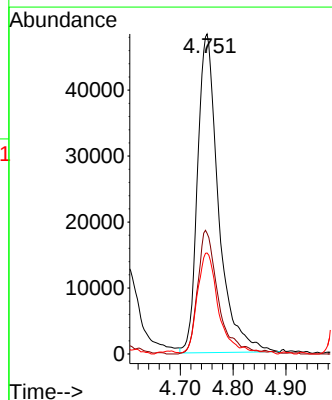
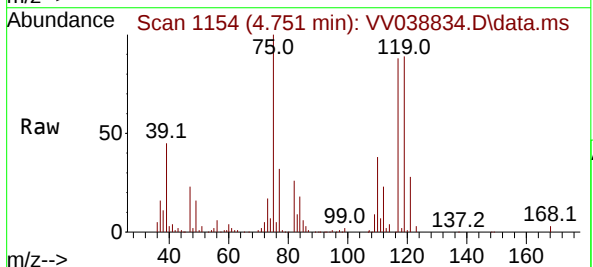
Tgt Ion: 75 Resp: 133394

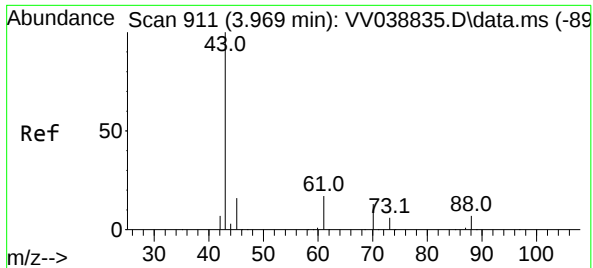
Ion Ratio Lower Upper

75 100

110 36.9 19.3 57.9

77 30.4 25.1 37.7





#37

Ethyl Acetate

Concen: 19.302 ug/l

RT: 3.976 min Scan# 911

Delta R.T. 0.006 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

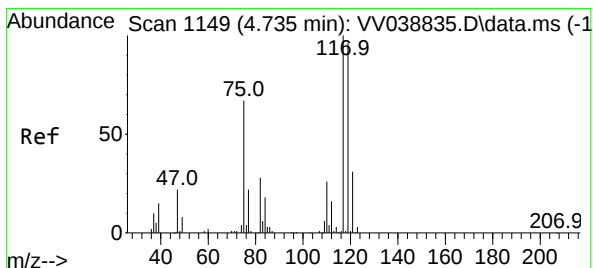
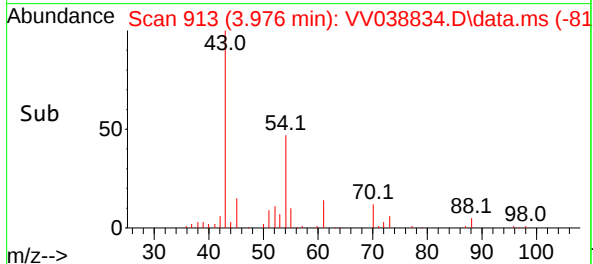
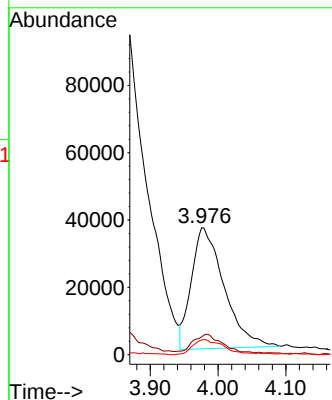
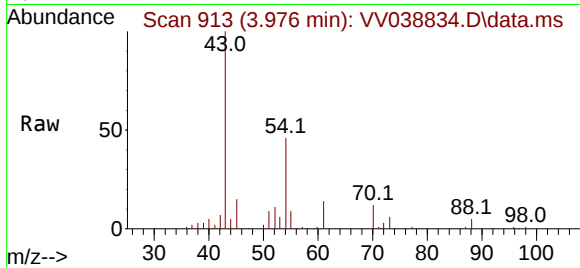
Tgt Ion: 43 Resp: 120450

Ion Ratio Lower Upper

43 100

61 11.5 13.0 19.4#

70 11.8 9.6 14.4



#38

Carbon Tetrachloride

Concen: 20.562 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

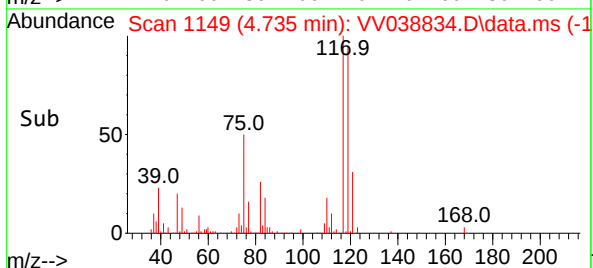
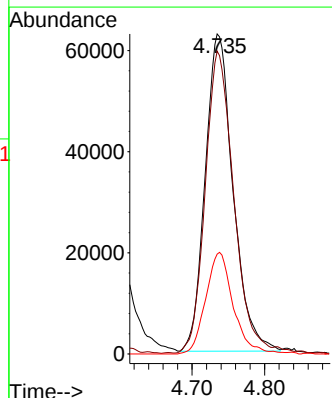
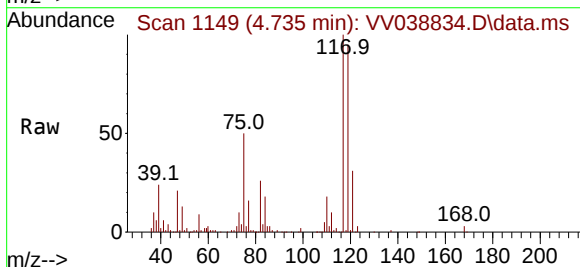
Tgt Ion: 117 Resp: 167973

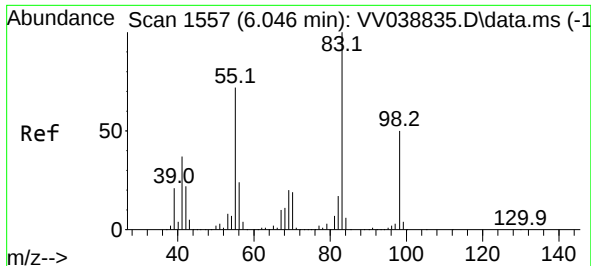
Ion Ratio Lower Upper

117 100

119 94.7 76.5 114.7

121 31.3 25.0 37.6





#39

Methylcyclohexane

Concen: 19.381 ug/l

RT: 6.046 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

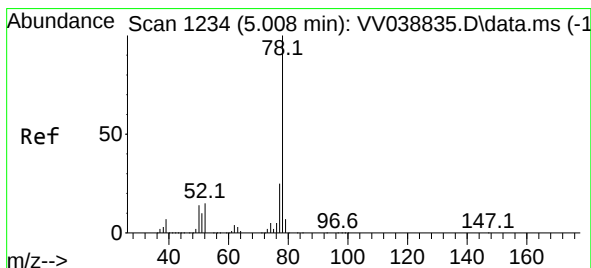
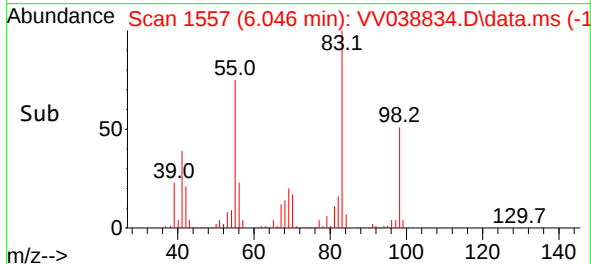
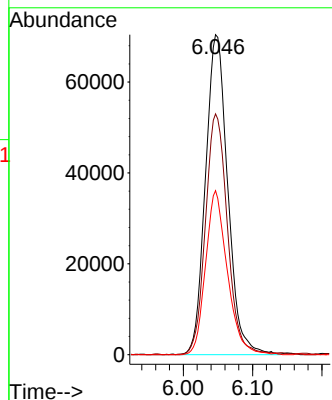
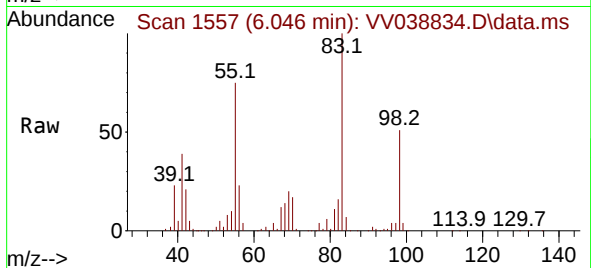
Tgt Ion: 83 Resp: 157280

Ion Ratio Lower Upper

83 100

55 75.1 57.7 86.5

98 51.2 40.2 60.2



#40

Benzene

Concen: 21.409 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV038834.D

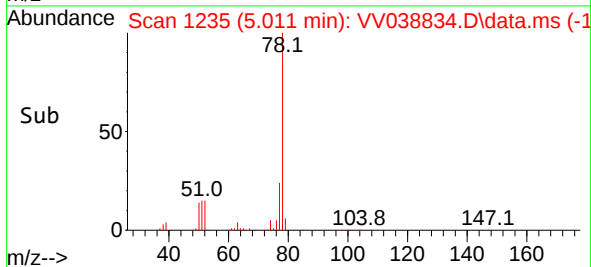
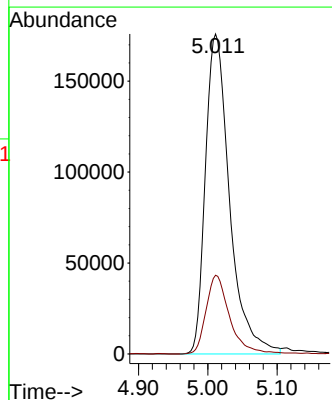
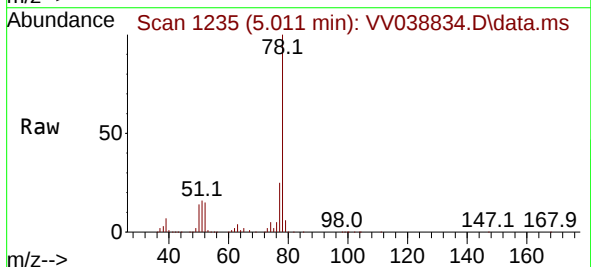
Acq: 02 Jul 2025 10:46

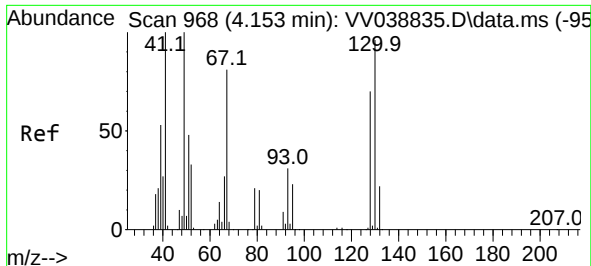
Tgt Ion: 78 Resp: 426194

Ion Ratio Lower Upper

78 100

77 24.6 19.6 29.4

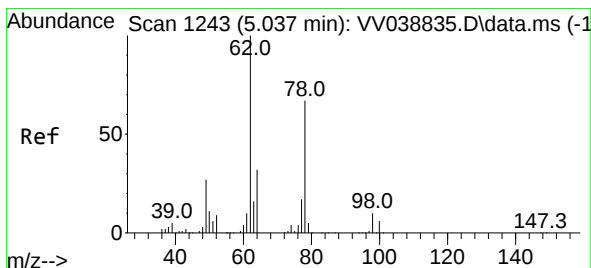
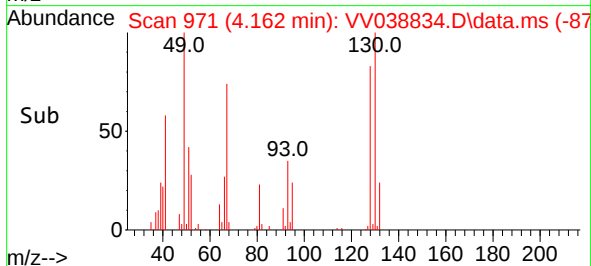
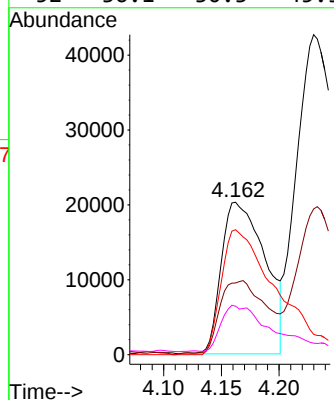
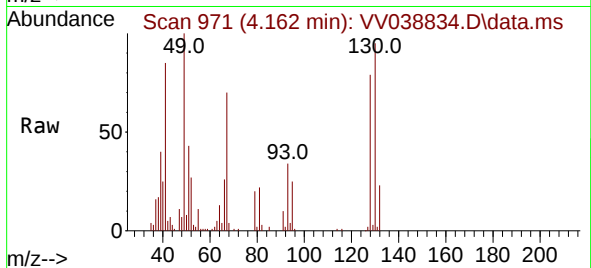




#41
Methacrylonitrile
Concen: 20.065 ug/l
RT: 4.162 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

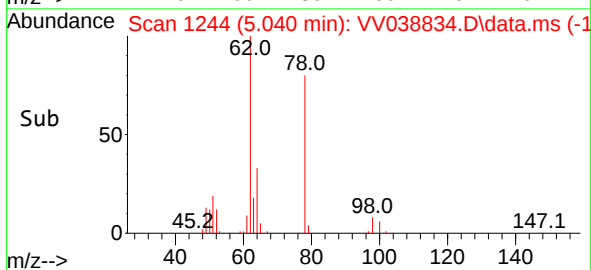
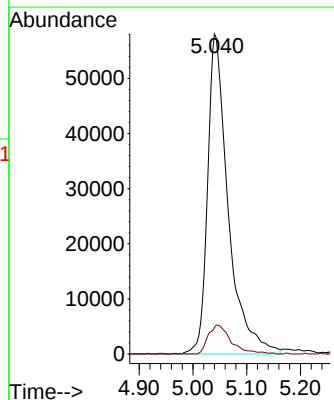
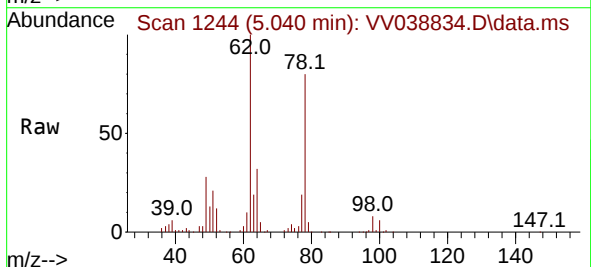
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

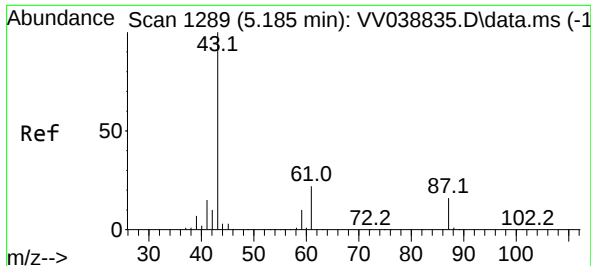
Tgt Ion:	41	Resp:	53428
Ion	Ratio	Lower	Upper
41	100		
39	50.1	43.8	65.8
67	107.9	78.8	118.2
52	36.1	30.3	45.5



#42
1,2-Dichloroethane
Concen: 21.294 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion:	62	Resp:	154503
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0

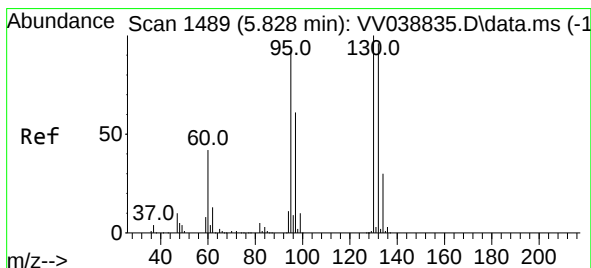
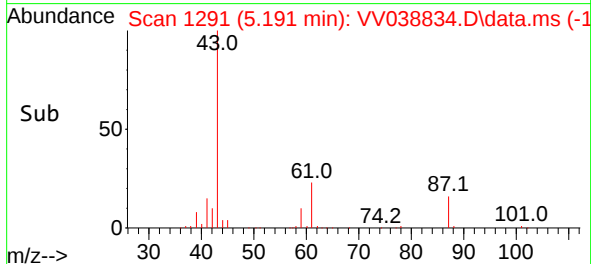
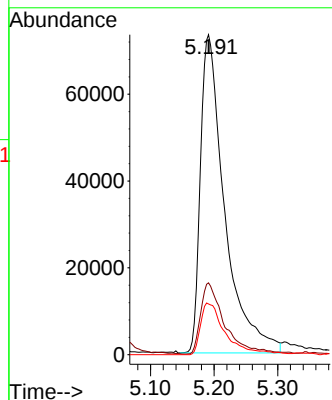
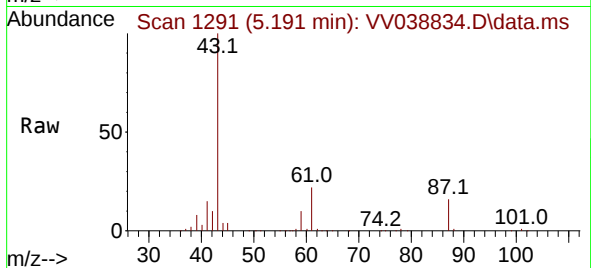




#43
Isopropyl Acetate
Concen: 19.284 ug/l
RT: 5.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

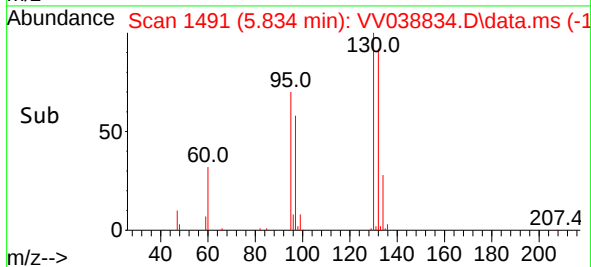
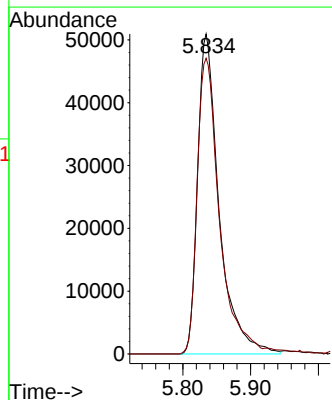
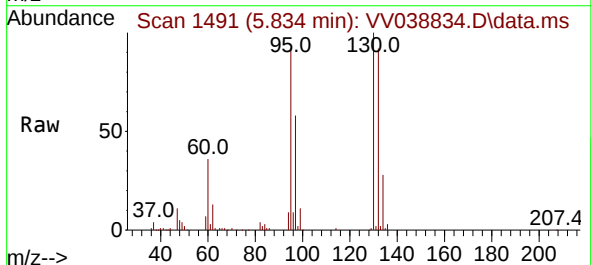
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

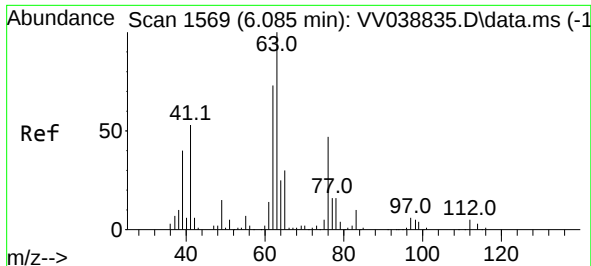
Tgt Ion: 43 Resp: 194057
Ion Ratio Lower Upper
43 100
61 21.2 17.0 25.6
87 16.4 13.0 19.6



#44
Trichloroethene
Concen: 20.961 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion:130 Resp: 112111
Ion Ratio Lower Upper
130 100
95 92.4 0.0 184.4





#45

1,2-Dichloropropane

Concen: 19.323 ug/l

RT: 6.088 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

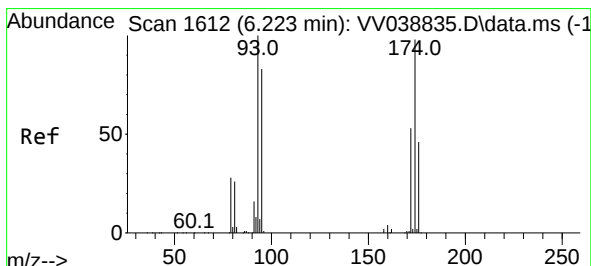
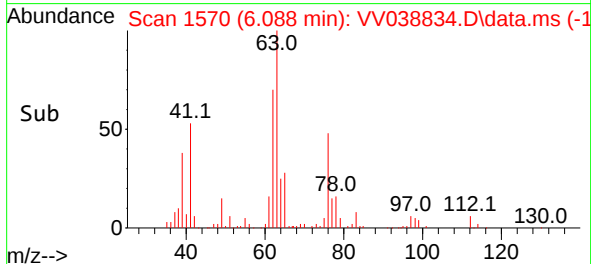
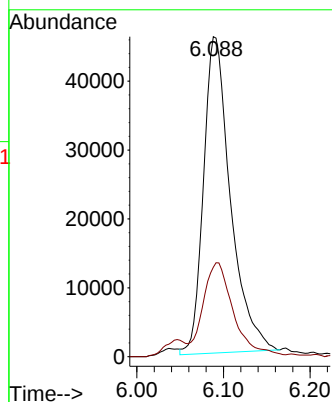
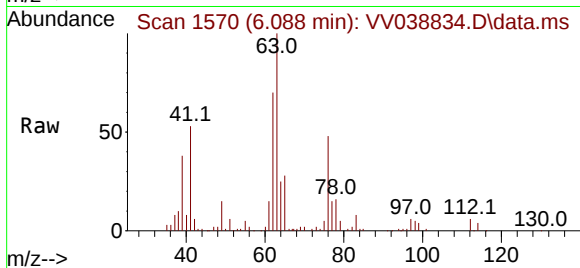
VSTDICC020

Tgt Ion: 63 Resp: 99460

Ion Ratio Lower Upper

63 100

65 27.7 24.3 36.5



#46

Dibromomethane

Concen: 20.500 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

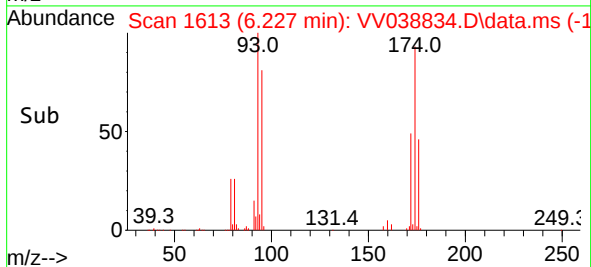
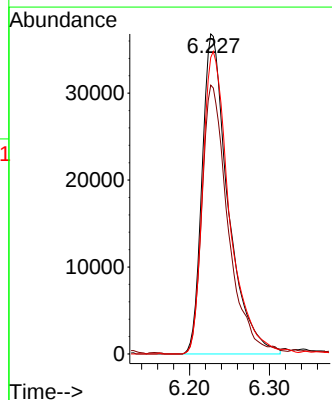
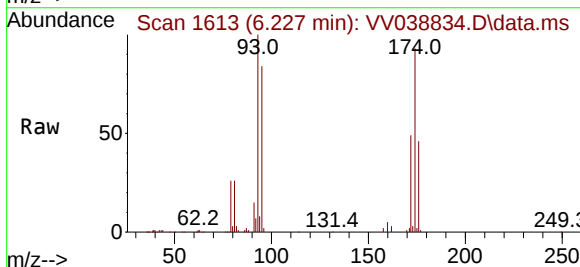
Tgt Ion: 93 Resp: 83210

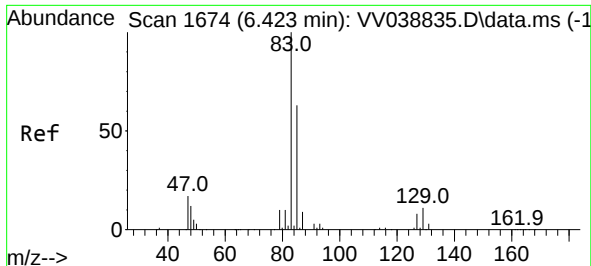
Ion Ratio Lower Upper

93 100

95 84.2 66.7 100.1

174 97.4 78.7 118.1





#47

Bromodichloromethane

Concen: 20.553 ug/l

RT: 6.426 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

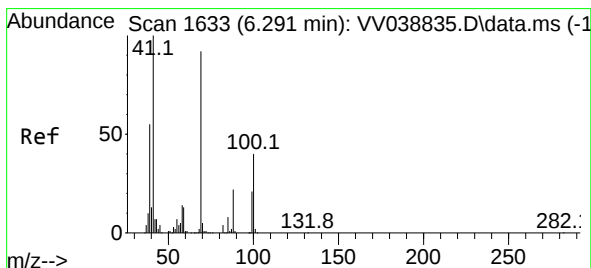
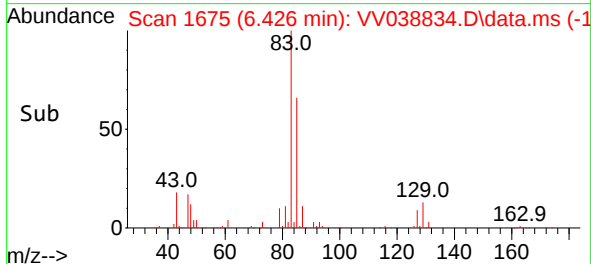
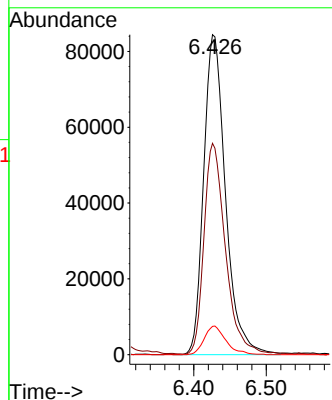
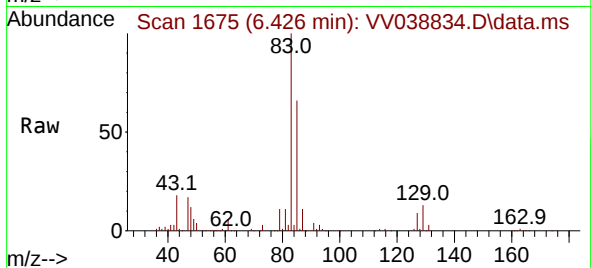
Tgt Ion: 83 Resp: 176650

Ion Ratio Lower Upper

83 100

85 65.8 50.1 75.1

127 8.9 6.6 10.0



#48

Methyl methacrylate

Concen: 18.682 ug/l

RT: 6.300 min Scan# 1636

Delta R.T. 0.010 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

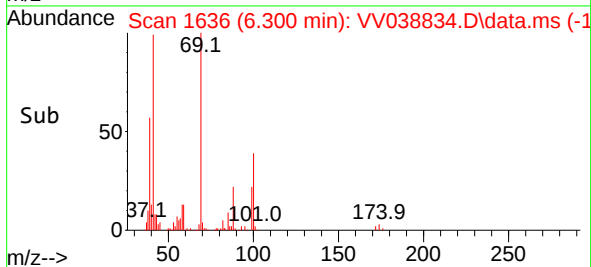
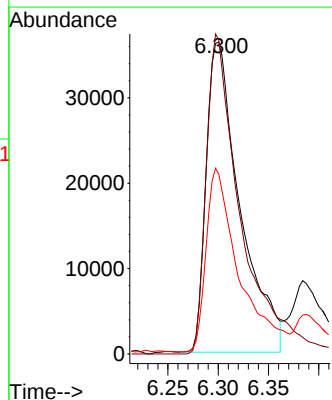
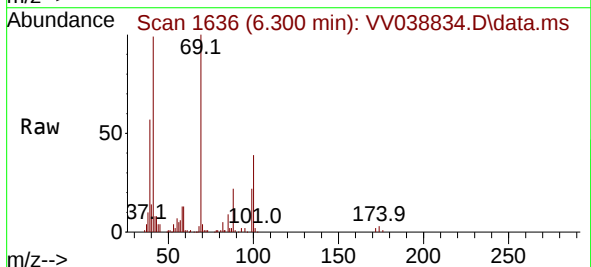
Tgt Ion: 41 Resp: 85016

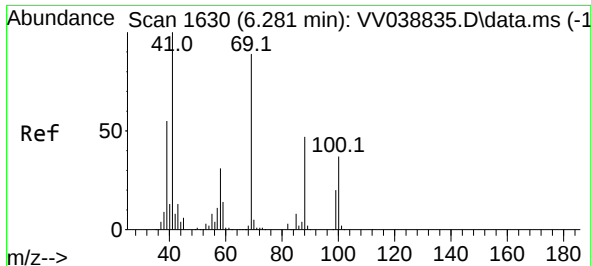
Ion Ratio Lower Upper

41 100

69 106.1 77.4 116.2

39 57.8 44.2 66.4





#49

1,4-Dioxane

Concen: 378.801 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

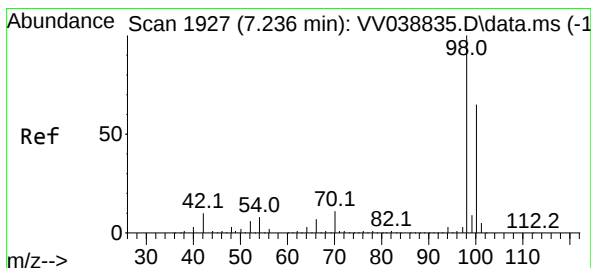
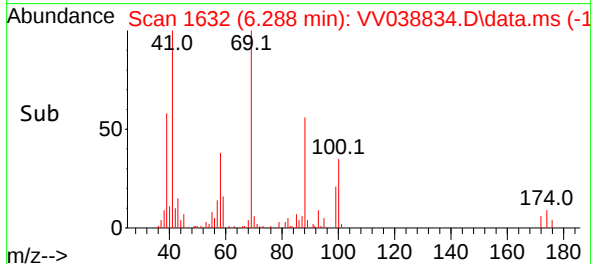
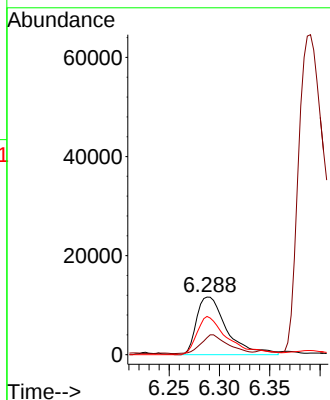
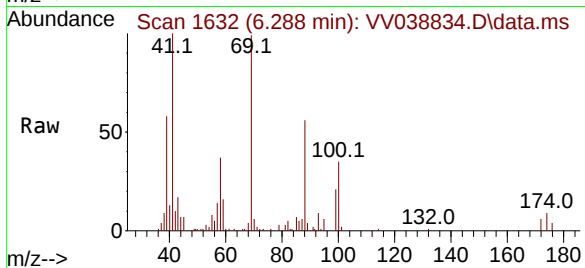
Tgt Ion: 88 Resp: 24334

Ion Ratio Lower Upper

88 100

43 28.2 25.2 37.8

58 67.2 52.1 78.1



#50

Toluene-d8

Concen: 20.233 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV038834.D

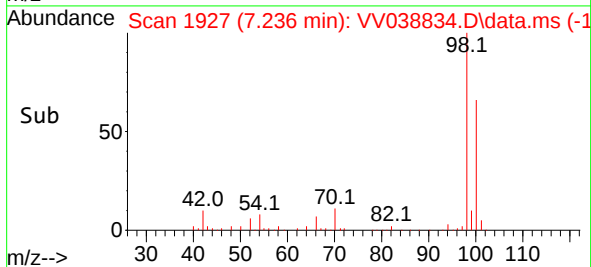
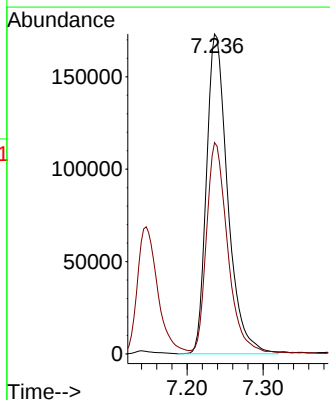
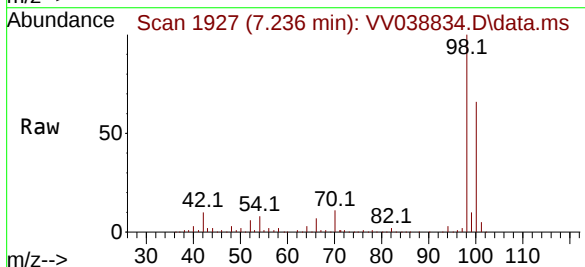
Acq: 02 Jul 2025 10:46

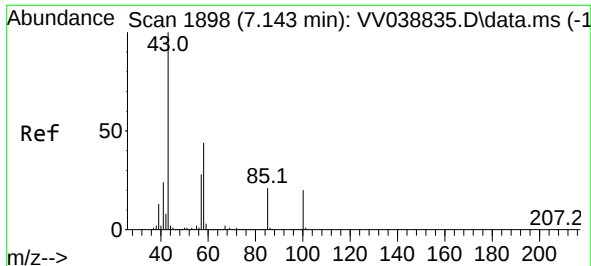
Tgt Ion: 98 Resp: 334829

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.4

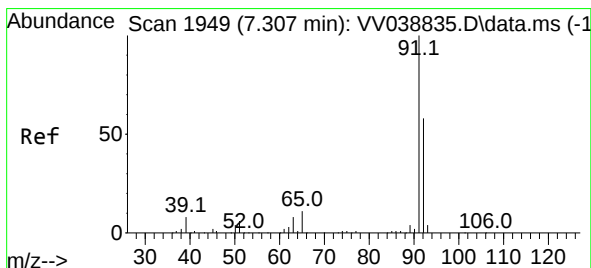
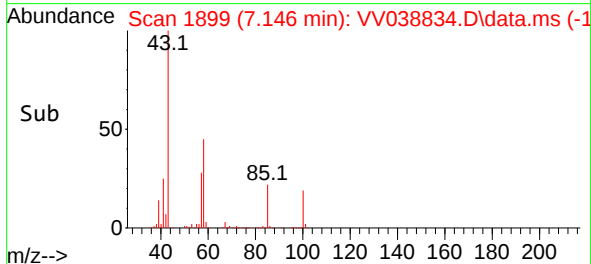
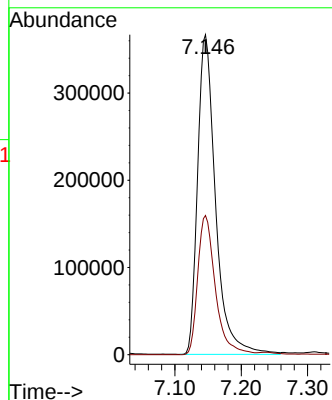
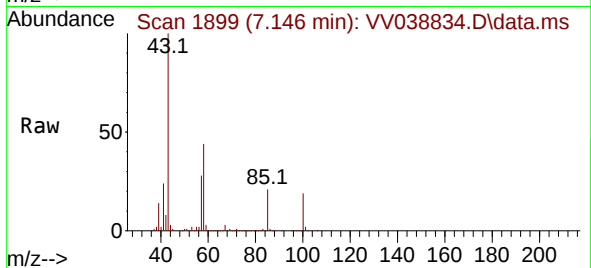




#51
4-Methyl-2-Pentanone
Concen: 109.959 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

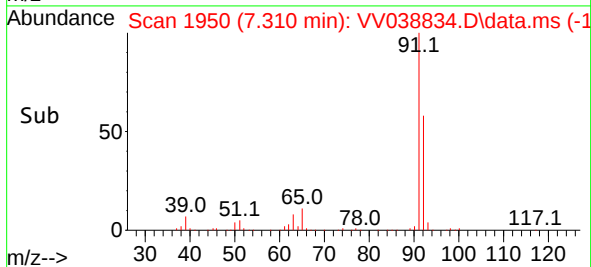
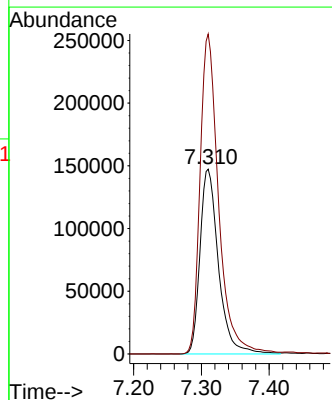
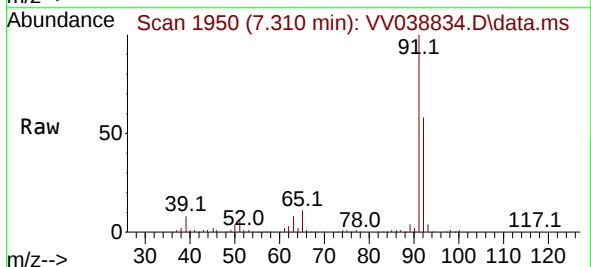
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

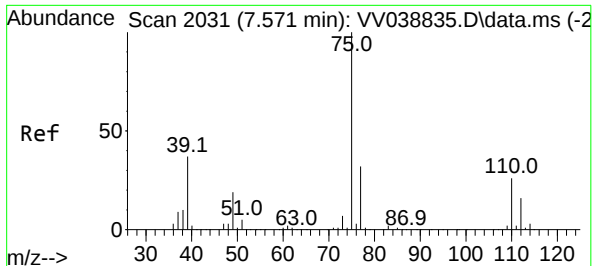
Tgt Ion: 43 Resp: 689955
Ion Ratio Lower Upper
43 100
58 42.8 34.4 51.6



#52
Toluene
Concen: 21.804 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 92 Resp: 279195
Ion Ratio Lower Upper
92 100
91 172.9 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.122 ug/l

RT: 7.577 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

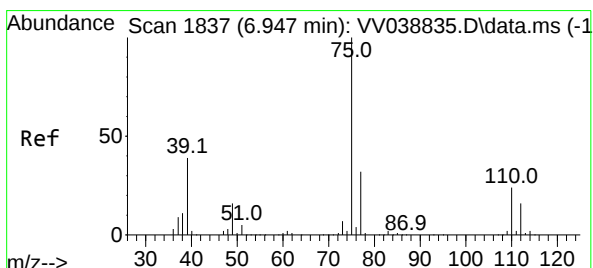
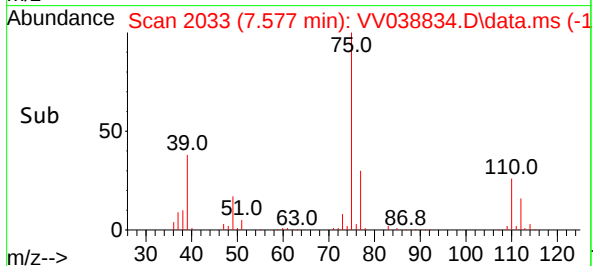
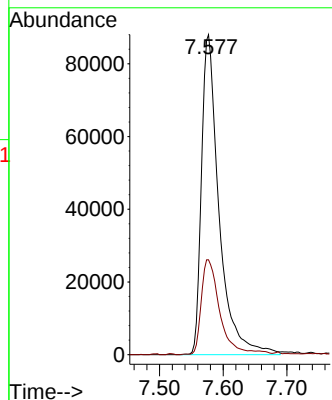
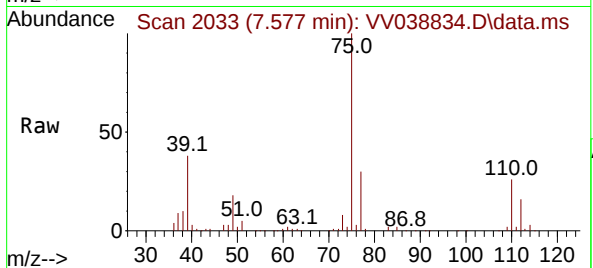
VSTDIC020

Tgt Ion: 75 Resp: 168654

Ion Ratio Lower Upper

75 100

77 29.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.301 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

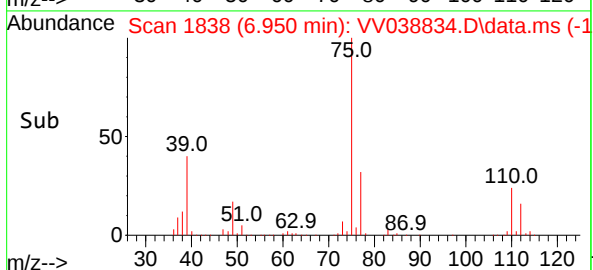
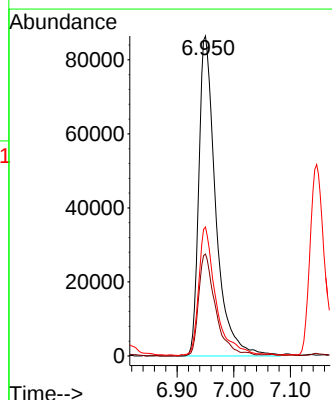
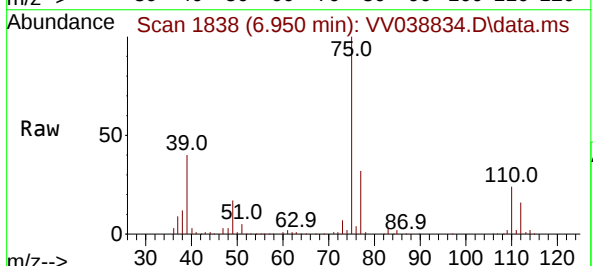
Tgt Ion: 75 Resp: 179211

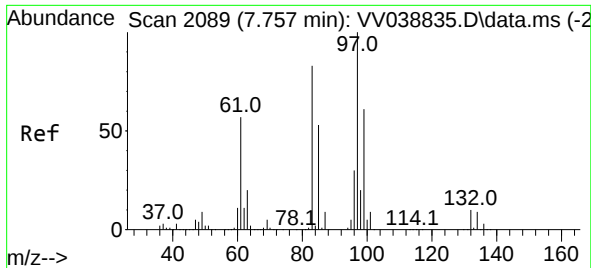
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8

39 40.0 31.3 46.9

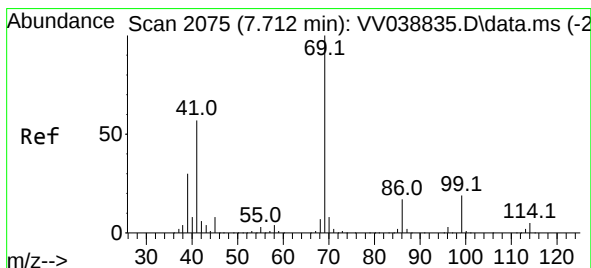
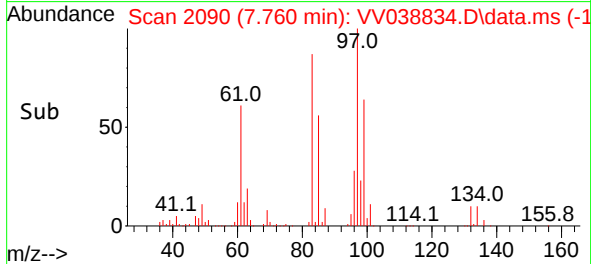
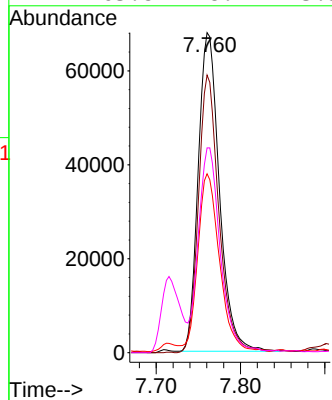
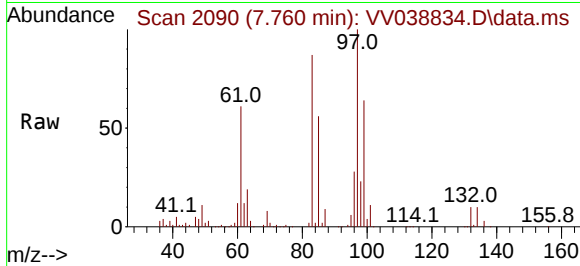




#55
1,1,2-Trichloroethane
Concen: 21.224 ug/l
RT: 7.760 min Scan# 2089
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

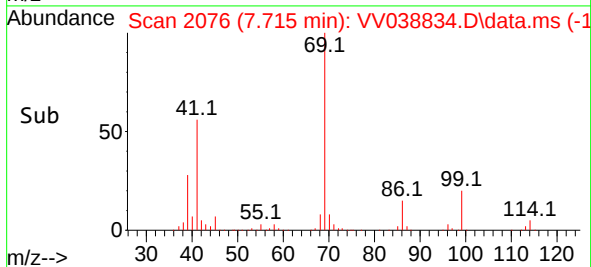
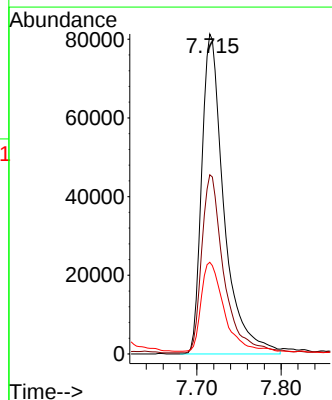
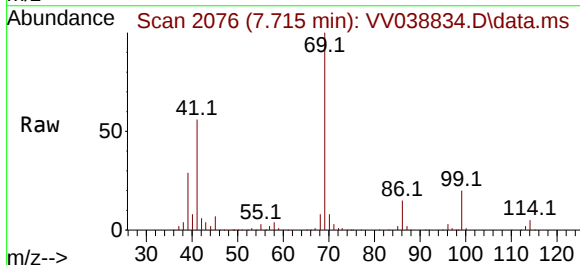
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

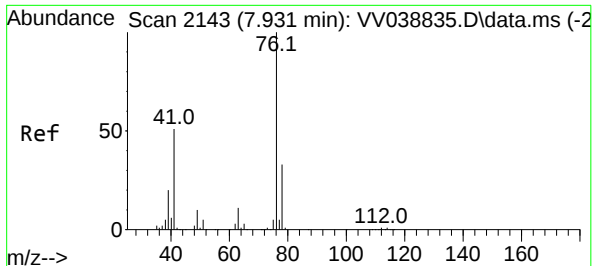
Tgt Ion:	97	Resp:	118838
Ion	Ratio	Lower	Upper
97	100		
83	86.9	66.2	99.4
85	55.3	42.2	63.4
99	63.8	48.9	73.3



#56
Ethyl methacrylate
Concen: 20.345 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion:	69	Resp:	149867
Ion	Ratio	Lower	Upper
69	100		
41	55.5	46.1	69.1
39	29.3	24.1	36.1

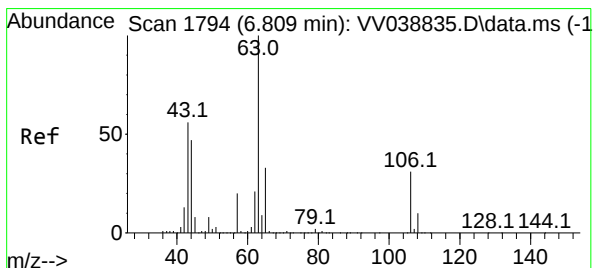
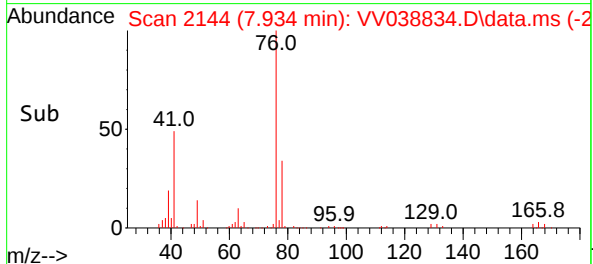
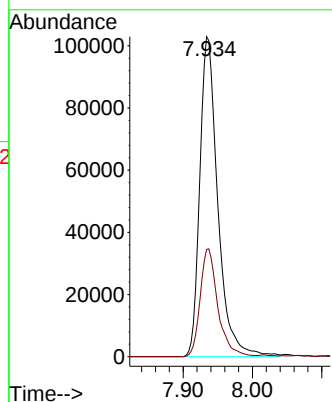
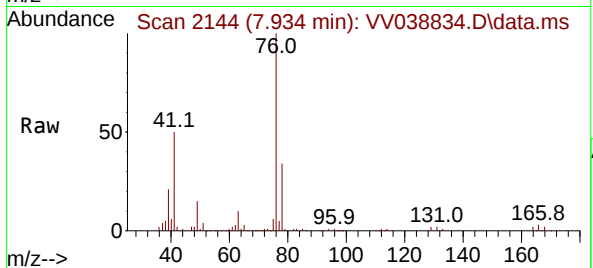




#57
1,3-Dichloropropane
Concen: 21.112 ug/l
RT: 7.934 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

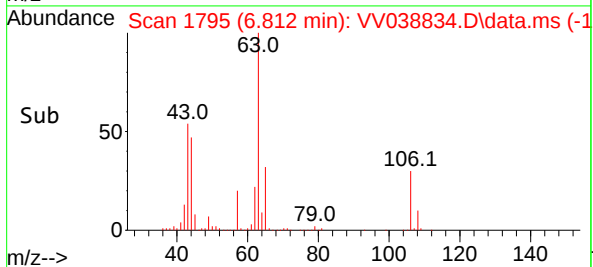
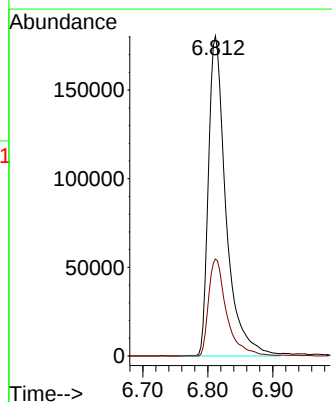
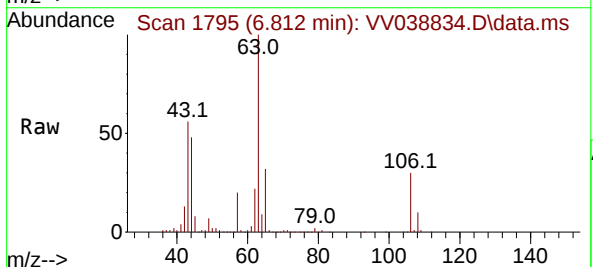
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

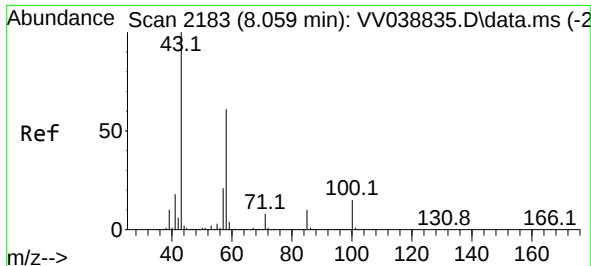
Tgt Ion: 76 Resp: 186224
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 105.605 ug/l
RT: 6.812 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 63 Resp: 339624
Ion Ratio Lower Upper
63 100
106 31.0 24.6 37.0

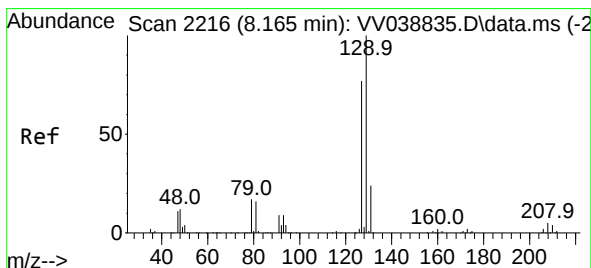
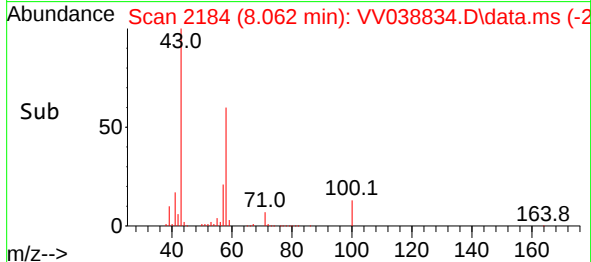
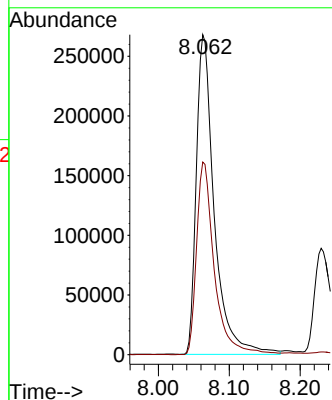
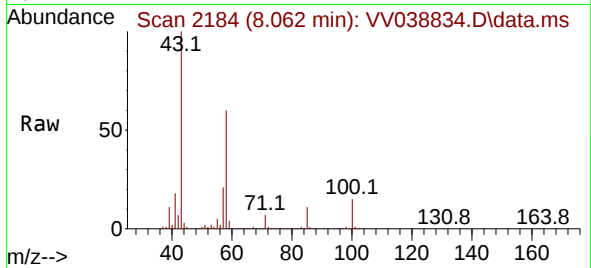




#59
2-Hexanone
Concen: 103.456 ug/l
RT: 8.062 min Scan# 2184
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

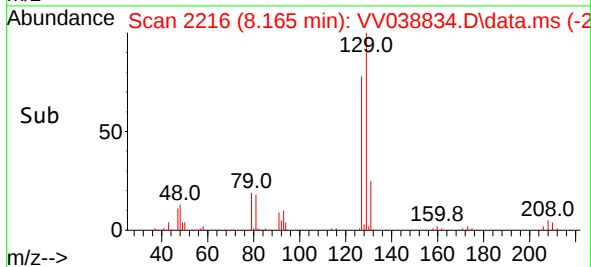
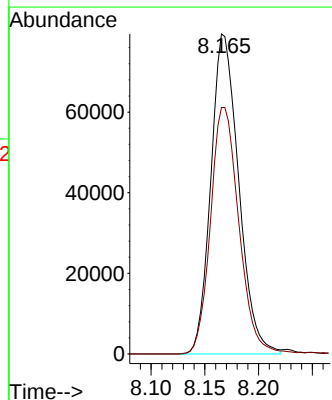
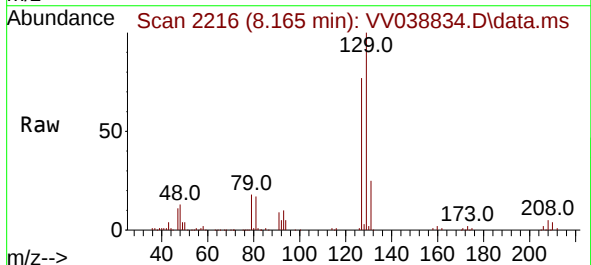
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

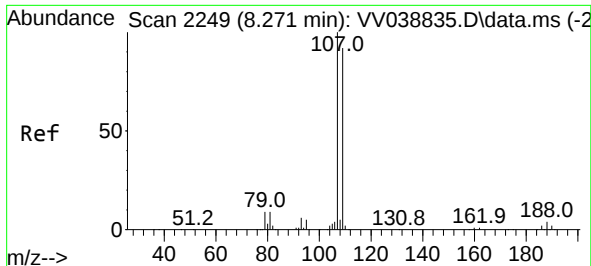
Tgt Ion: 43 Resp: 470632
Ion Ratio Lower Upper
43 100
58 59.9 30.3 91.0



#60
Dibromochloromethane
Concen: 20.280 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 129 Resp: 142979
Ion Ratio Lower Upper
129 100
127 78.5 38.2 114.6

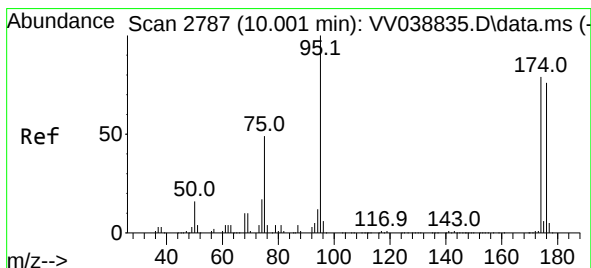
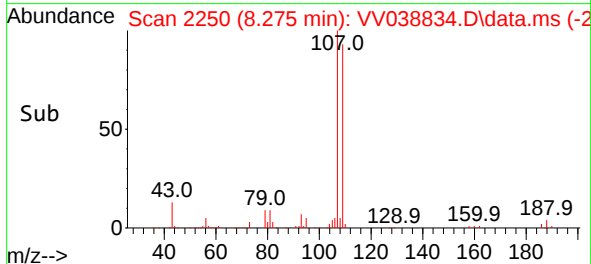
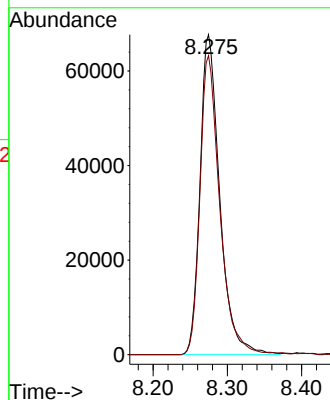
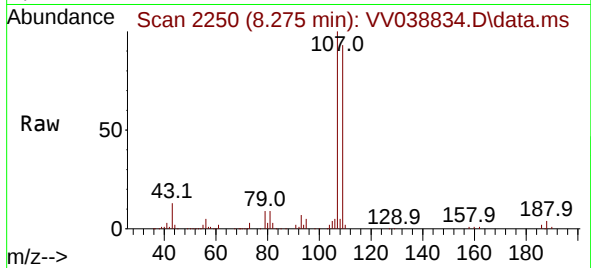




#61
 1,2-Dibromoethane
 Concen: 21.969 ug/l
 RT: 8.275 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038834.D
 Acq: 02 Jul 2025 10:46

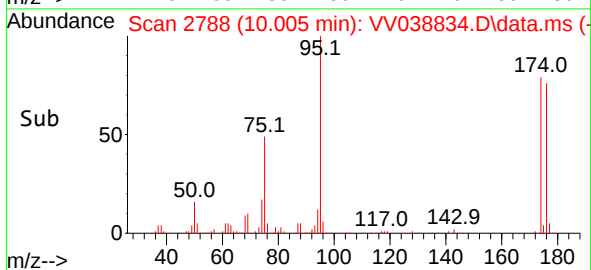
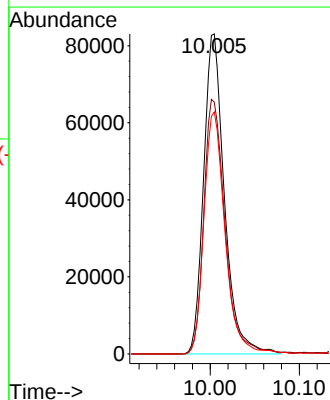
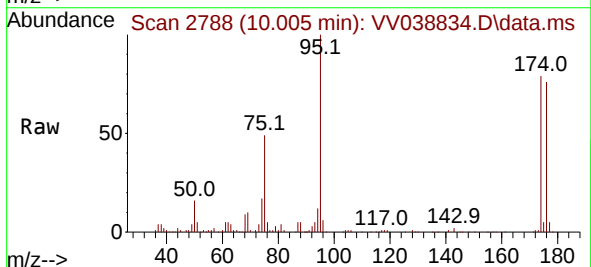
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

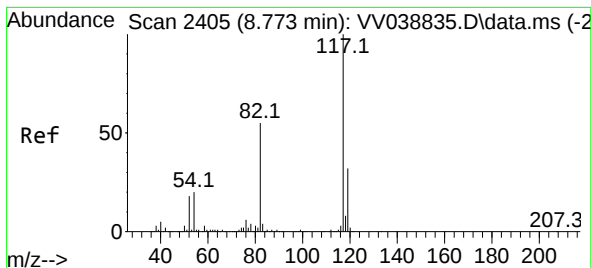
Tgt Ion:107 Resp: 124950
 Ion Ratio Lower Upper
 107 100
 109 94.0 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 20.118 ug/l
 RT: 10.005 min Scan# 2788
 Delta R.T. 0.003 min
 Lab File: VV038834.D
 Acq: 02 Jul 2025 10:46

Tgt Ion: 95 Resp: 134509
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 158.2
 176 76.7 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

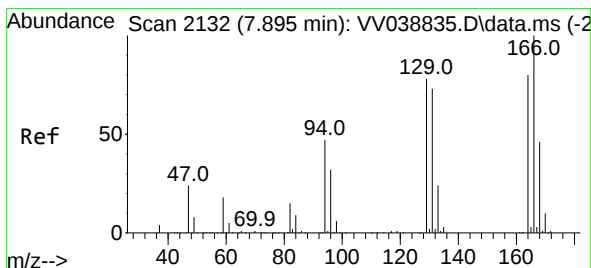
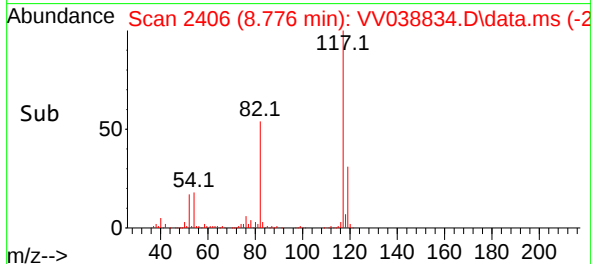
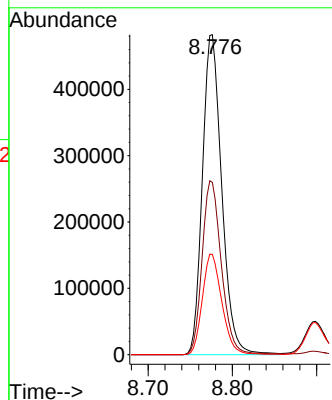
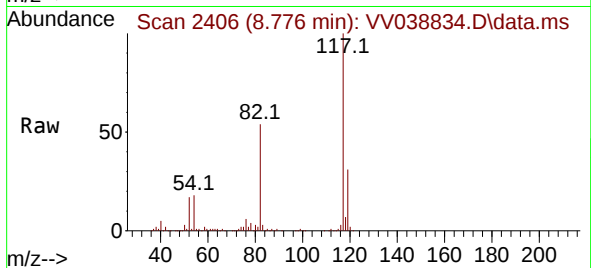
Tgt Ion:117 Resp: 772107

Ion Ratio Lower Upper

117 100

82 53.8 44.2 66.4

119 31.3 25.5 38.3



#64

Tetrachloroethene

Concen: 19.835 ug/l

RT: 7.898 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Tgt Ion:164 Resp: 98484

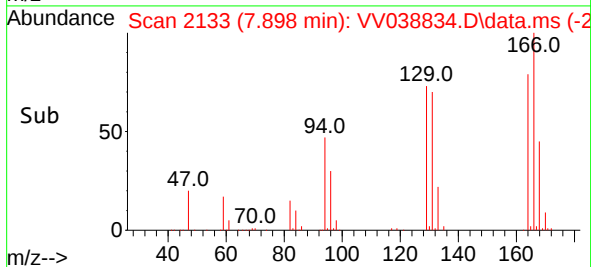
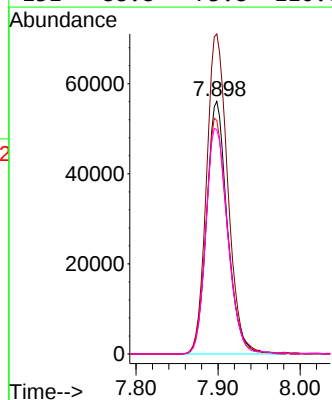
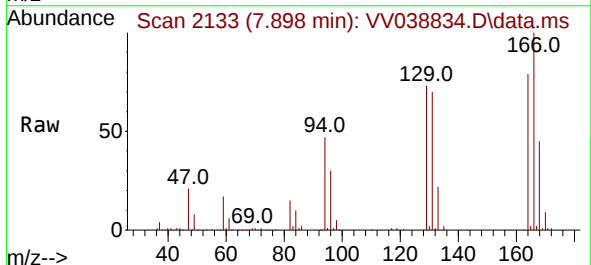
Ion Ratio Lower Upper

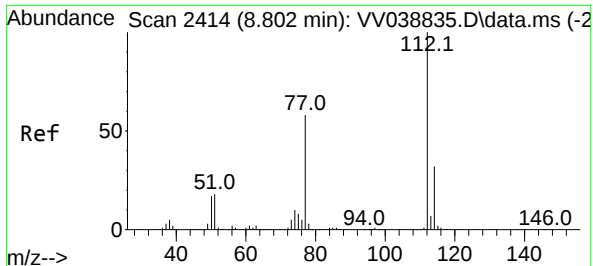
164 100

166 126.7 100.6 151.0

129 92.5 78.4 117.6

131 88.8 73.8 110.6





#65

Chlorobenzene

Concen: 20.338 ug/l

RT: 8.805 min Scan# 2414

Delta R.T. 0.003 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

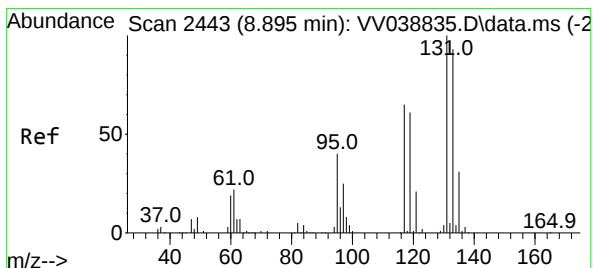
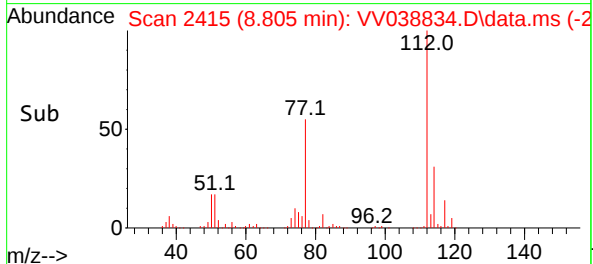
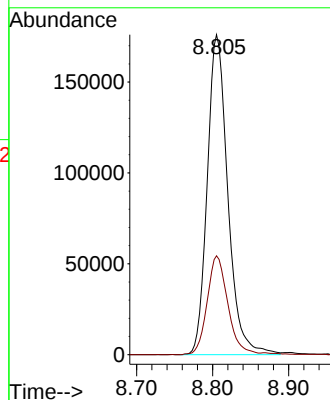
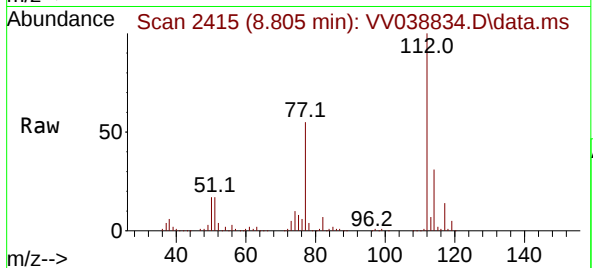
VSTDICC020

Tgt Ion:112 Resp: 330926

Ion Ratio Lower Upper

112 100

114 30.9 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.599 ug/l

RT: 8.898 min Scan# 2444

Delta R.T. 0.003 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

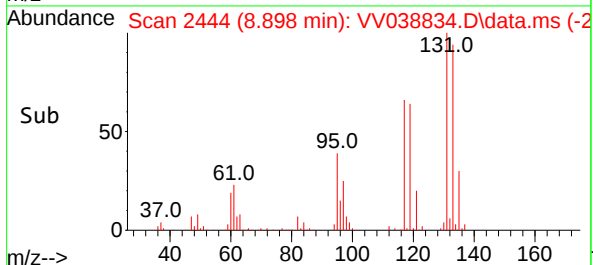
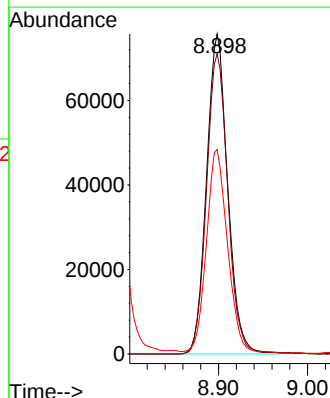
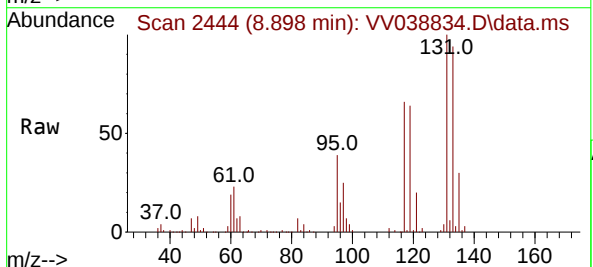
Tgt Ion:131 Resp: 125160

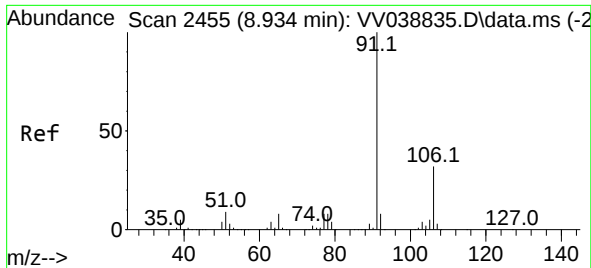
Ion Ratio Lower Upper

131 100

133 93.9 47.3 142.0

119 63.9 31.0 93.0





#67

Ethyl Benzene

Concen: 20.271 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

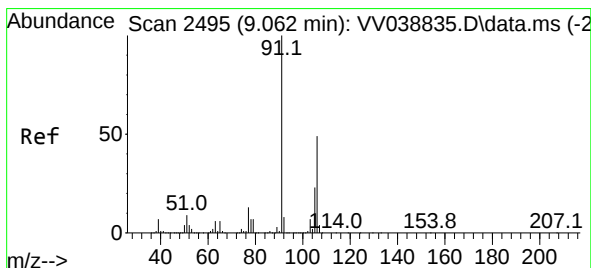
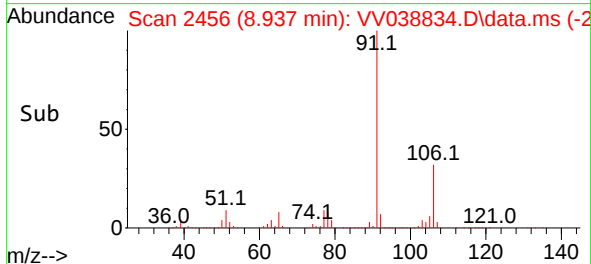
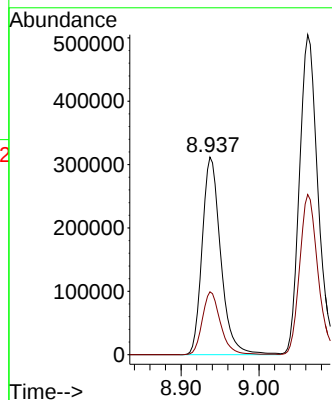
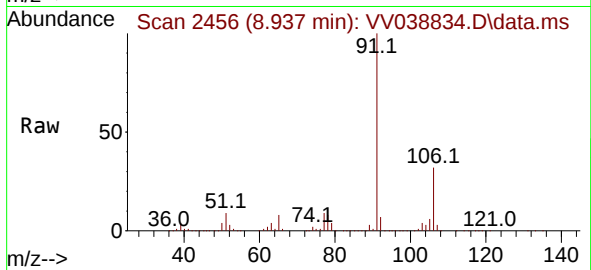
VSTDICC020

Tgt Ion: 91 Resp: 516790

Ion Ratio Lower Upper

91 100

106 31.8 25.2 37.8



#68

m/p-Xylenes

Concen: 42.819 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038834.D

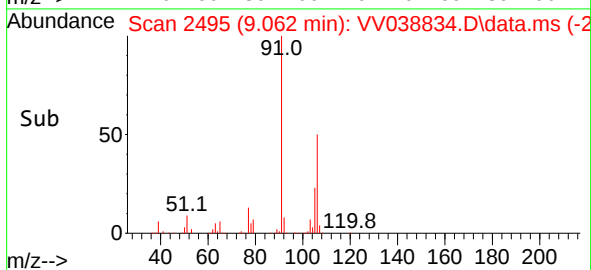
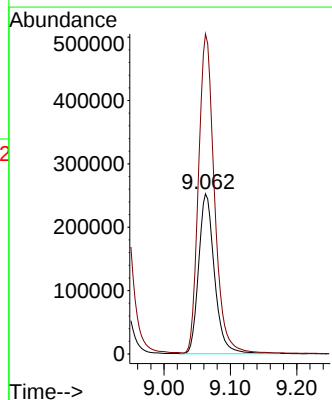
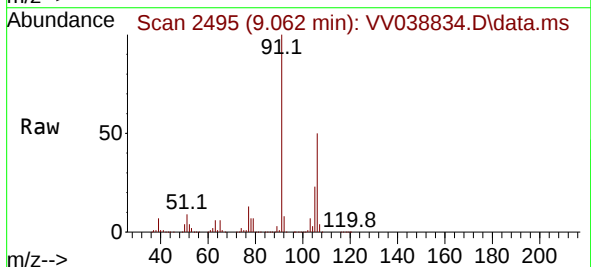
Acq: 02 Jul 2025 10:46

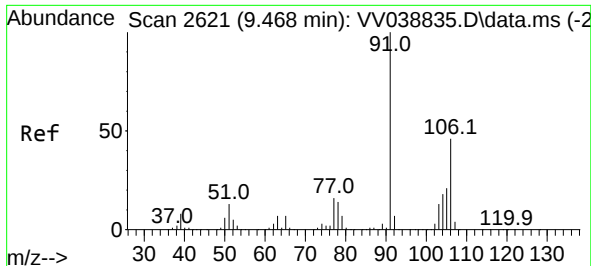
Tgt Ion: 106 Resp: 418110

Ion Ratio Lower Upper

106 100

91 200.0 162.9 244.3

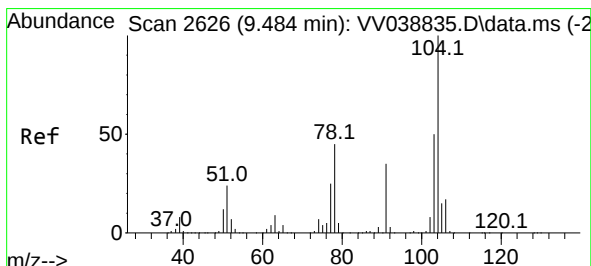
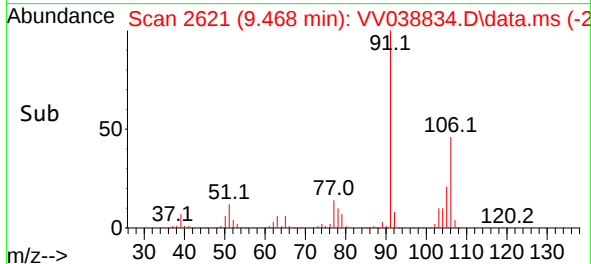
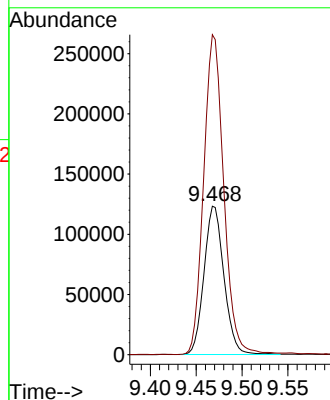
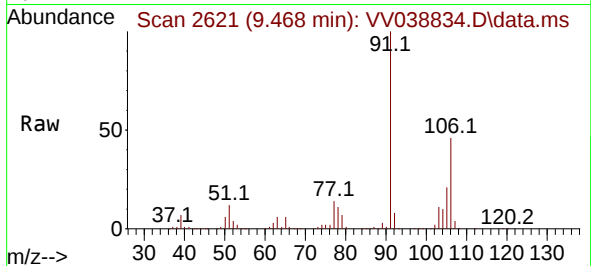




#69
o-Xylene
Concen: 20.004 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

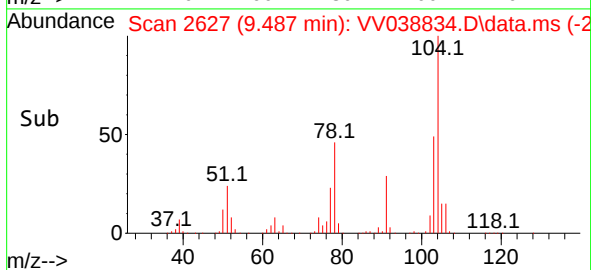
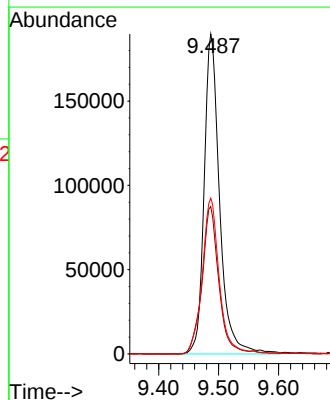
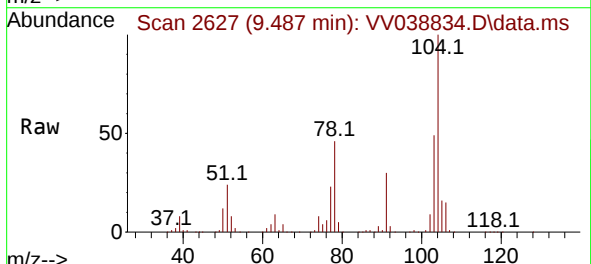
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

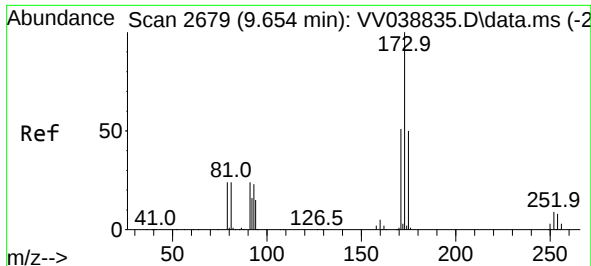
Tgt Ion:106 Resp: 186626
Ion Ratio Lower Upper
106 100
91 217.2 107.6 322.8



#70
Styrene
Concen: 20.924 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion:104 Resp: 341292
Ion Ratio Lower Upper
104 100
78 49.5 39.9 59.9
103 53.5 43.4 65.0

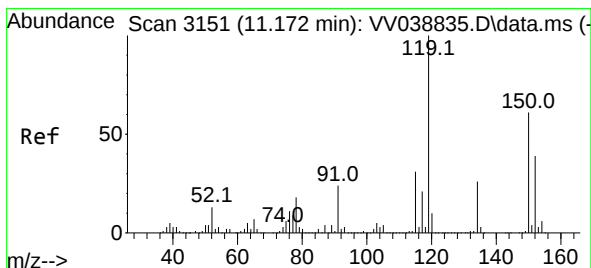
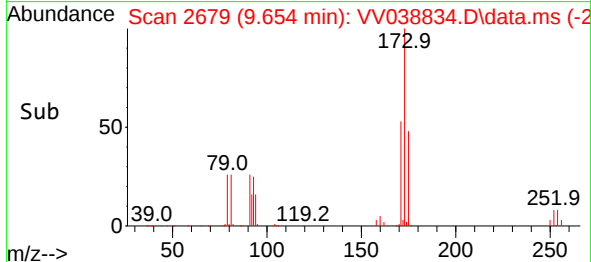
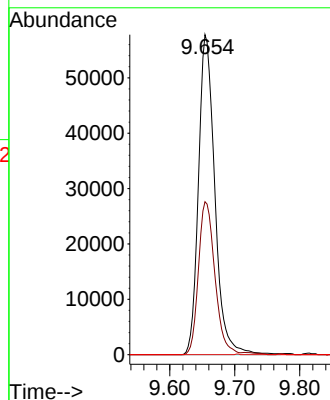
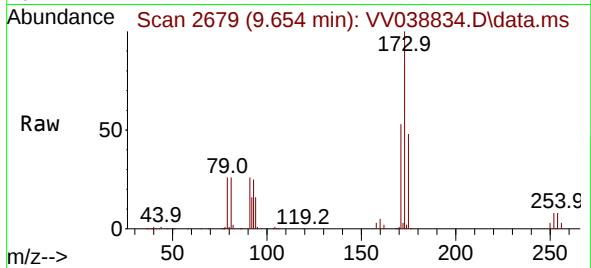




#71
Bromoform
Concen: 20.535 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. -0.000 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

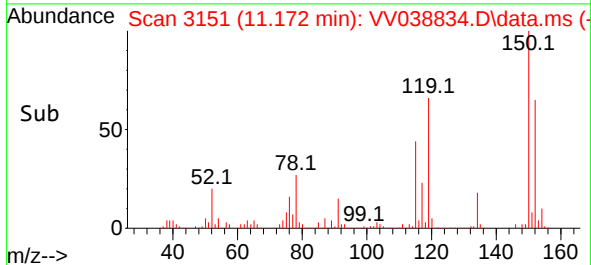
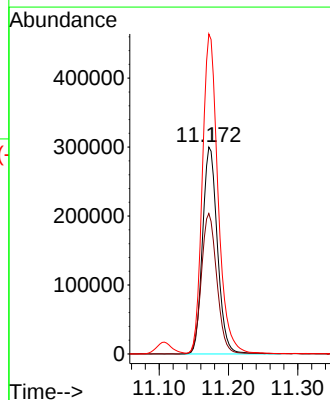
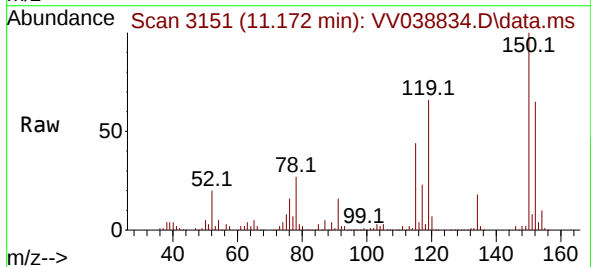
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

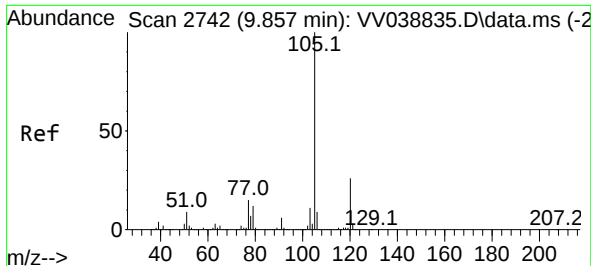
Tgt Ion:173 Resp: 101389
Ion Ratio Lower Upper
173 100
175 48.0 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion:152 Resp: 447799
Ion Ratio Lower Upper
152 100
115 70.5 42.0 126.0
150 162.4 0.0 343.6

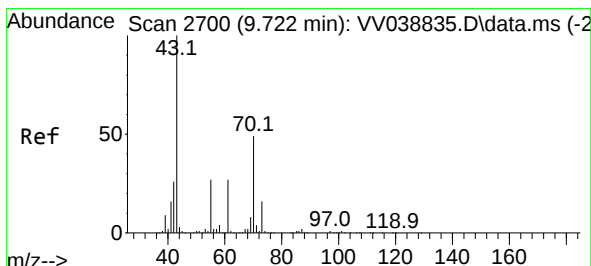
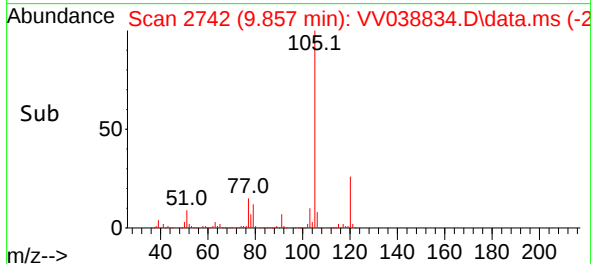
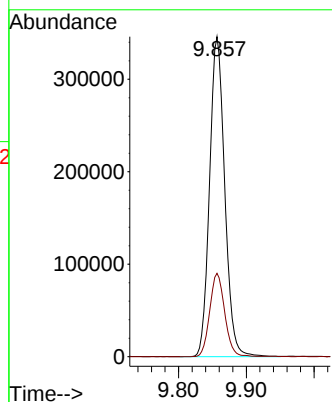
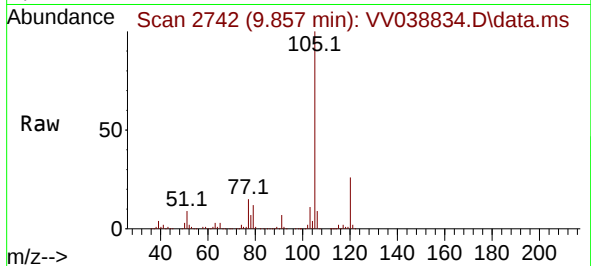




#73
Isopropylbenzene
Concen: 20.477 ug/l
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

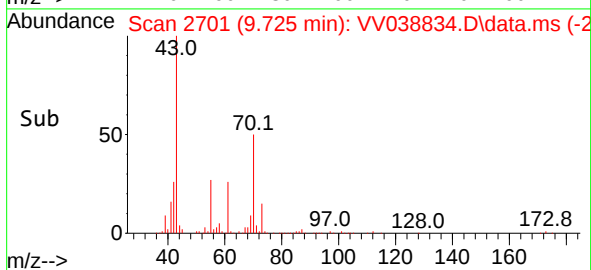
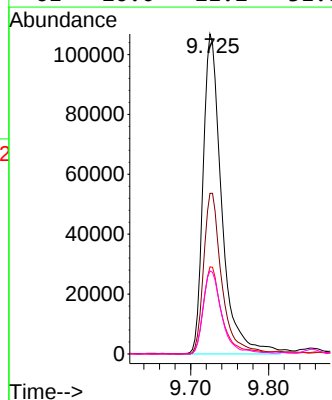
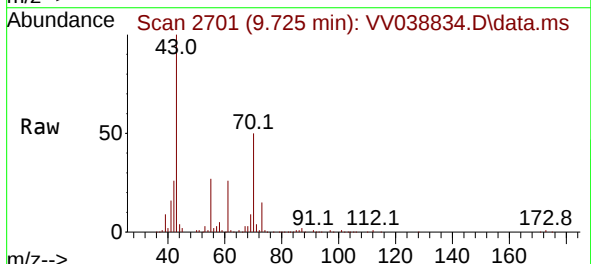
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

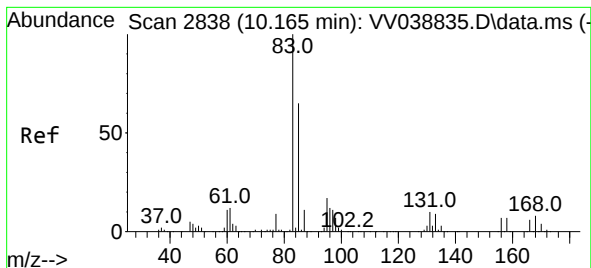
Tgt Ion:105 Resp: 538136
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.3



#74
N-ethyl acetate
Concen: 19.747 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 43 Resp: 177497
Ion Ratio Lower Upper
43 100
70 48.9 39.7 59.5
55 27.3 22.1 33.1
61 26.0 21.2 31.8

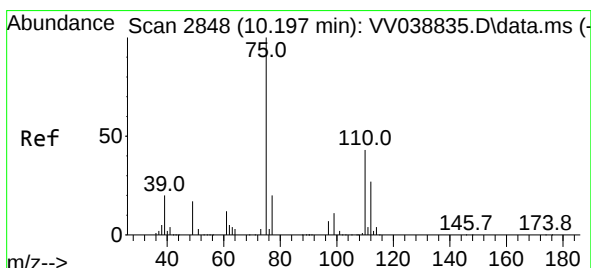
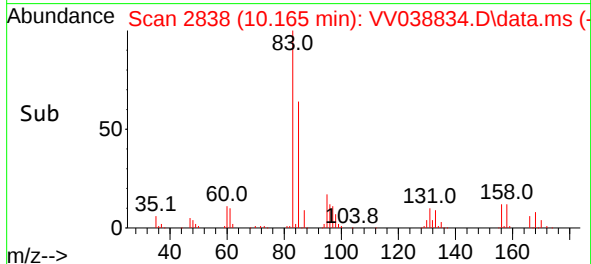
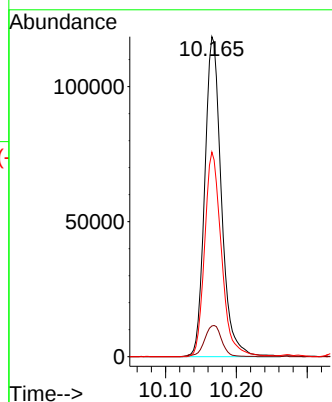
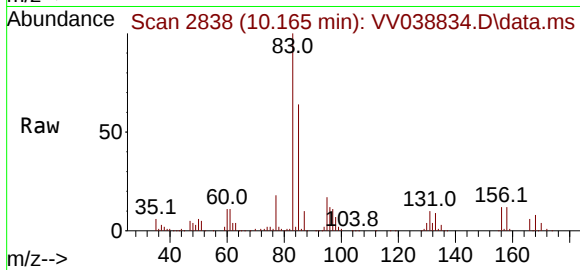




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.275 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. -0.000 min
 Lab File: VV038834.D
 Acq: 02 Jul 2025 10:46

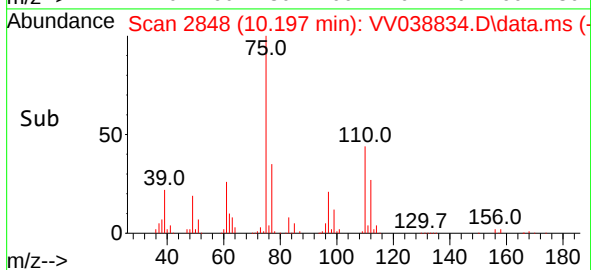
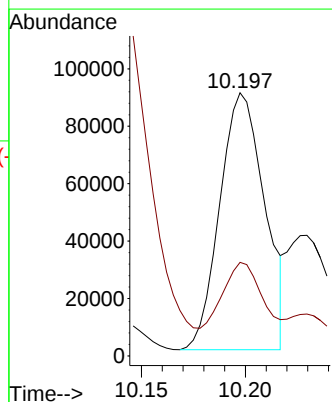
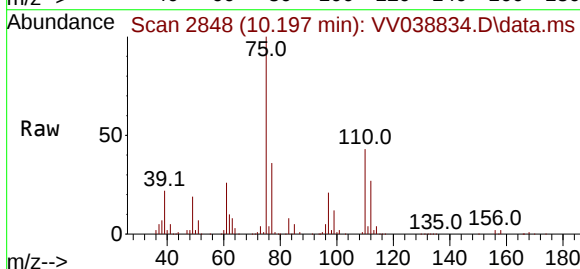
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

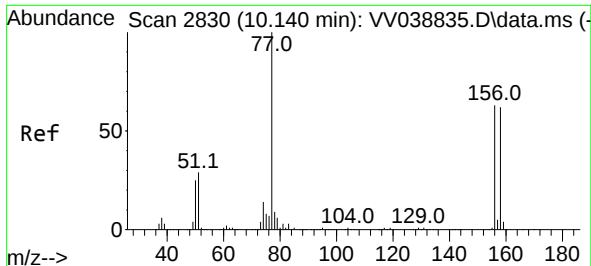
Tgt Ion: 83 Resp: 193169
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.1 15.3
 85 64.6 31.6 95.0



#76
 1,2,3-Trichloropropane
 Concen: 19.381 ug/l
 RT: 10.197 min Scan# 2848
 Delta R.T. -0.000 min
 Lab File: VV038834.D
 Acq: 02 Jul 2025 10:46

Tgt Ion: 75 Resp: 134282
 Ion Ratio Lower Upper
 75 100
 77 21.7 11.7 35.1

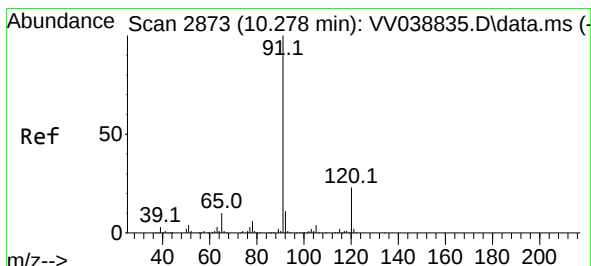
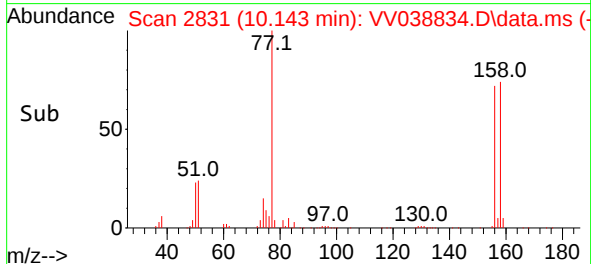
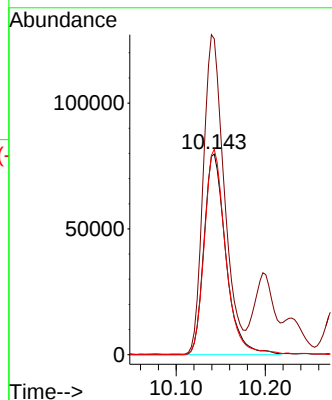
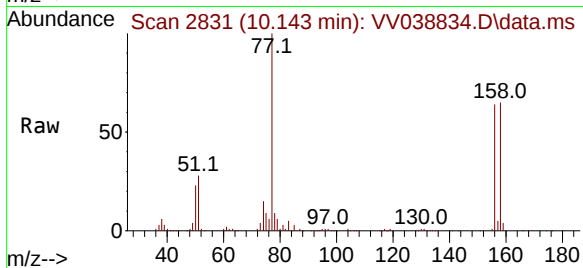




#77
Bromobenzene
Concen: 19.968 ug/l
RT: 10.143 min Scan# 2831
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

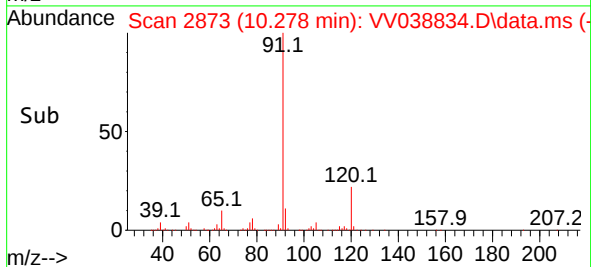
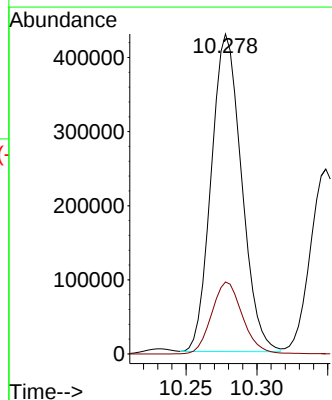
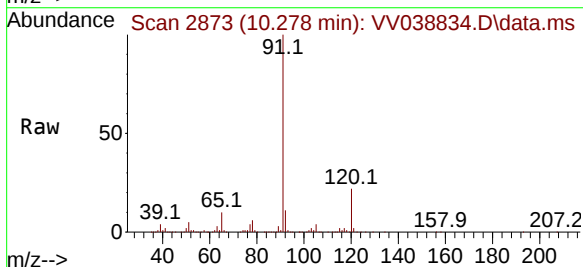
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

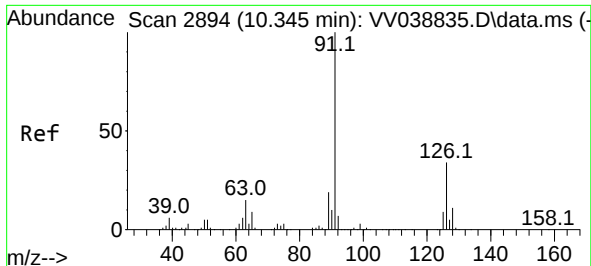
Tgt Ion:156 Resp: 135377
Ion Ratio Lower Upper
156 100
77 153.2 77.0 230.8
158 100.1 48.8 146.3



#78
n-propylbenzene
Concen: 20.399 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 91 Resp: 637980
Ion Ratio Lower Upper
91 100
120 23.1 11.7 35.0

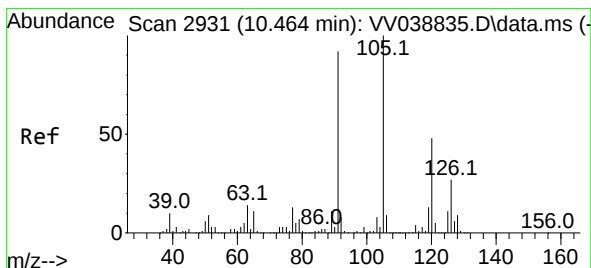
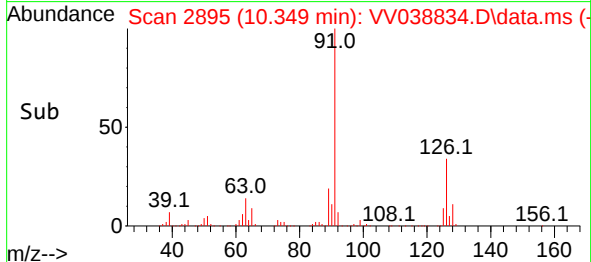
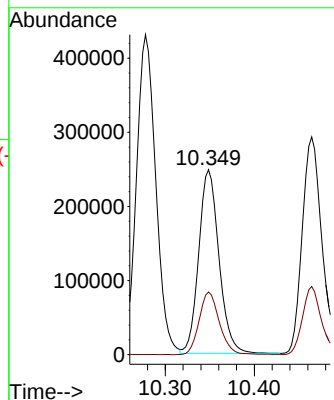
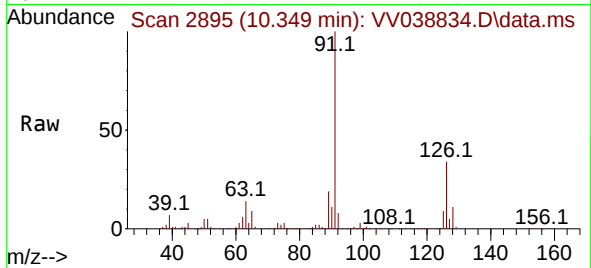




#79
2-Chlorotoluene
Concen: 20.594 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

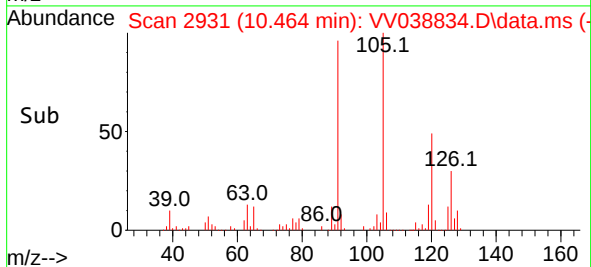
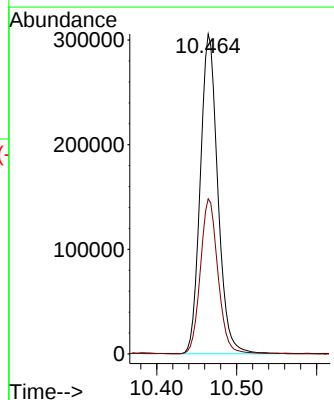
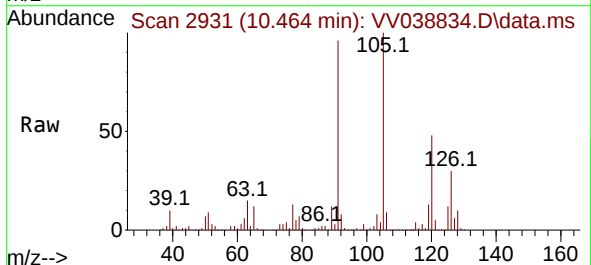
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

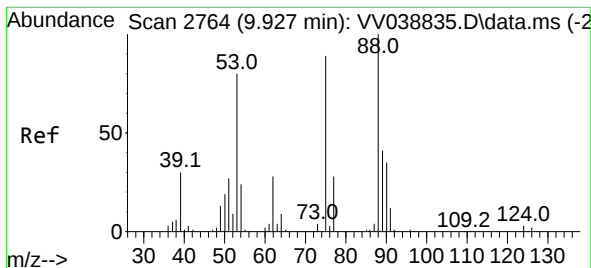
Tgt Ion: 91 Resp: 391157
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 20.769 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 105 Resp: 466697
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7

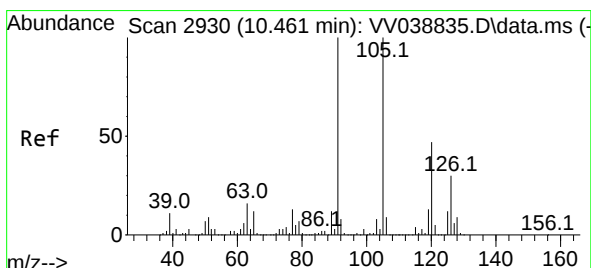
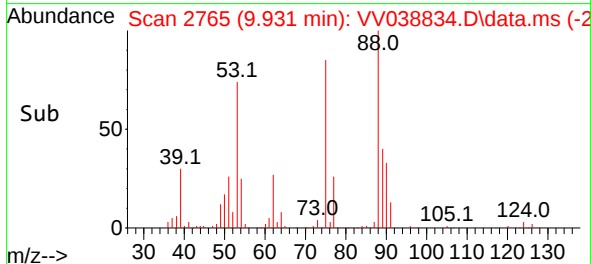
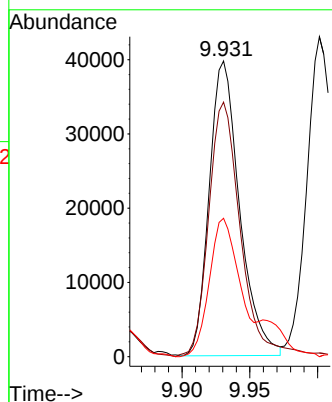
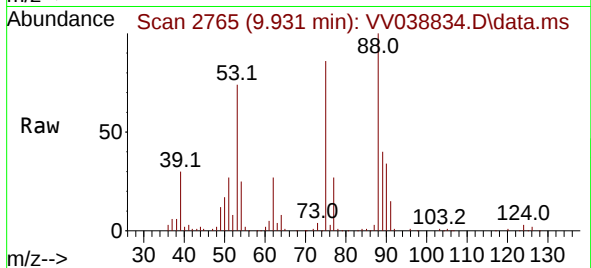




#81
trans-1,4-Dichloro-2-butene
Concen: 19.013 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

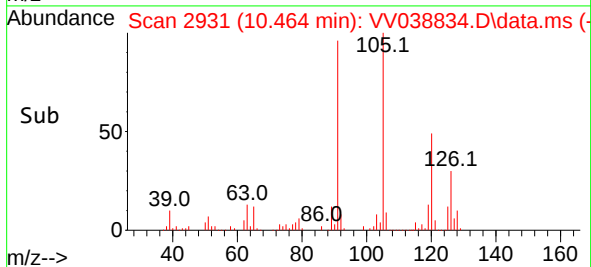
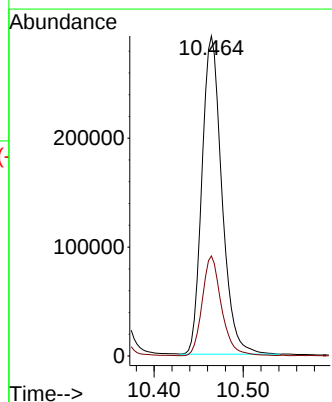
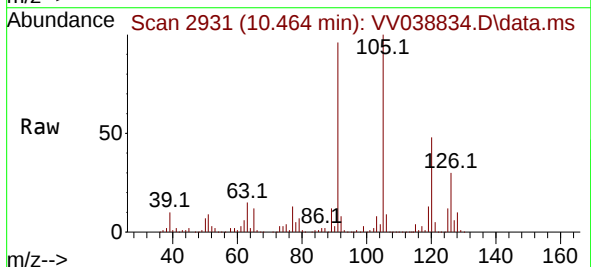
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

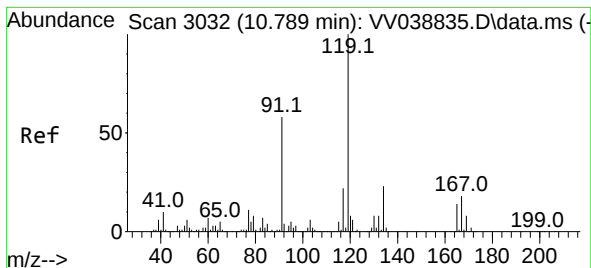
Tgt Ion: 75 Resp: 61886
Ion Ratio Lower Upper
75 100
53 90.9 71.2 106.8
89 47.8 44.6 66.8



#82
4-Chlorotoluene
Concen: 20.690 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion: 91 Resp: 453041
Ion Ratio Lower Upper
91 100
126 30.2 14.8 44.3





#83

tert-Butylbenzene

Concen: 19.796 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

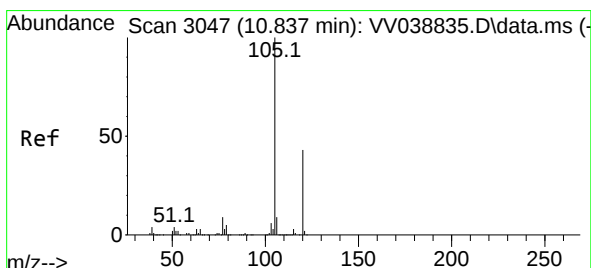
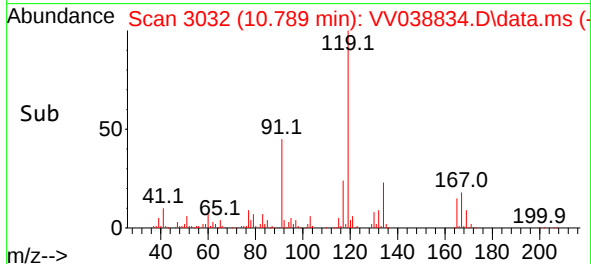
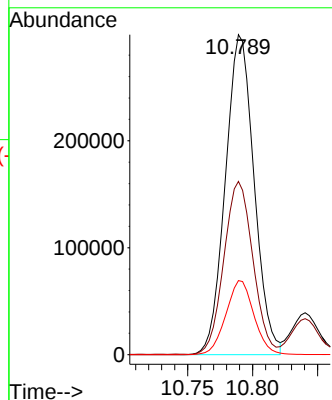
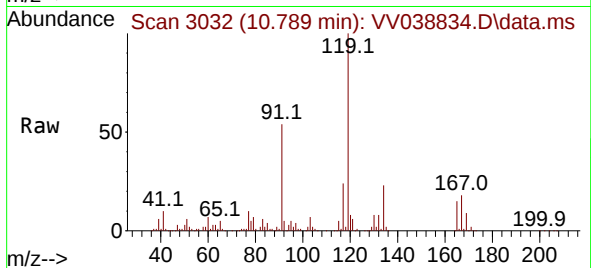
Tgt Ion:119 Resp: 461363

Ion Ratio Lower Upper

119 100

91 54.3 28.5 85.5

134 22.6 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 20.697 ug/l

RT: 10.840 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038834.D

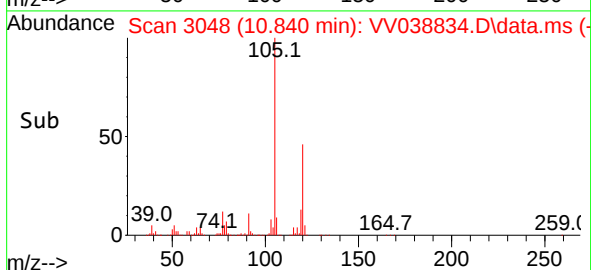
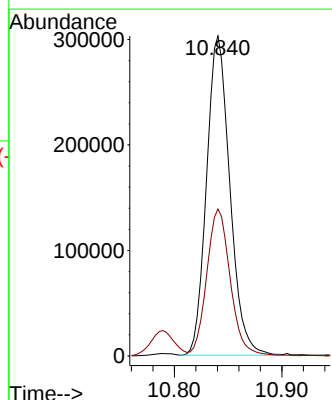
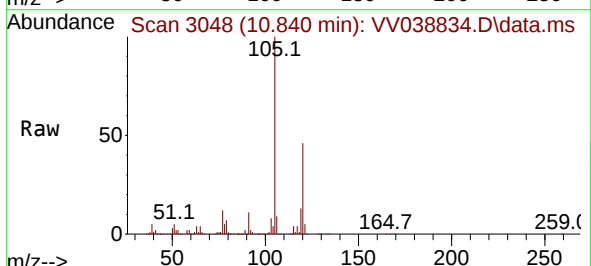
Acq: 02 Jul 2025 10:46

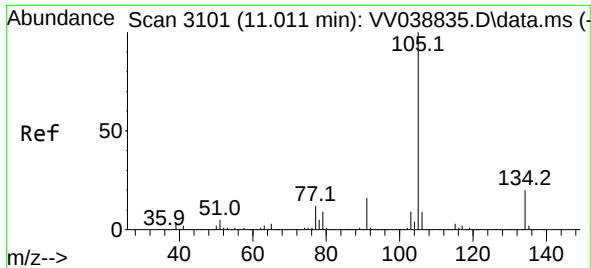
Tgt Ion:105 Resp: 455829

Ion Ratio Lower Upper

105 100

120 46.4 22.7 68.0

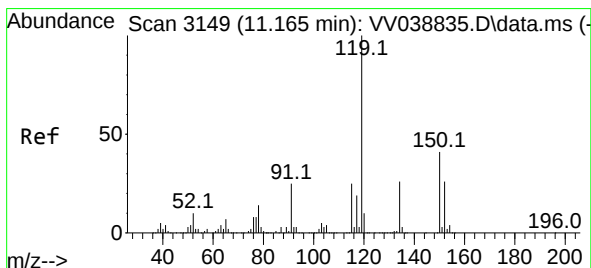
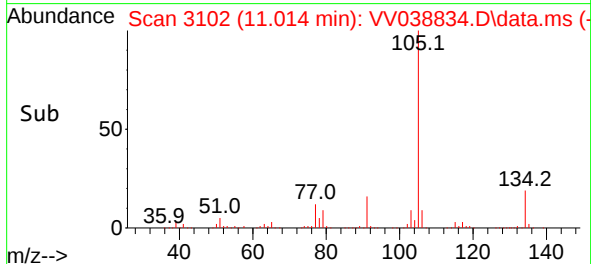
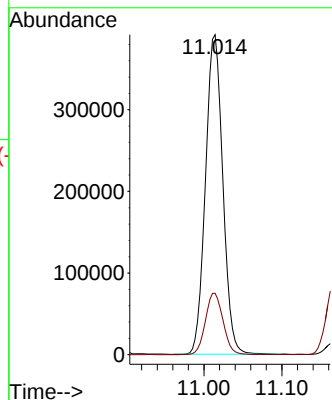
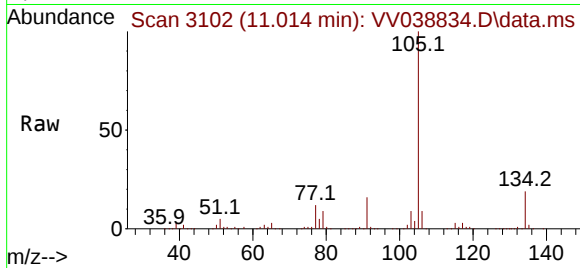




#85
sec-Butylbenzene
Concen: 20.376 ug/l
RT: 11.014 min Scan# 3101
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

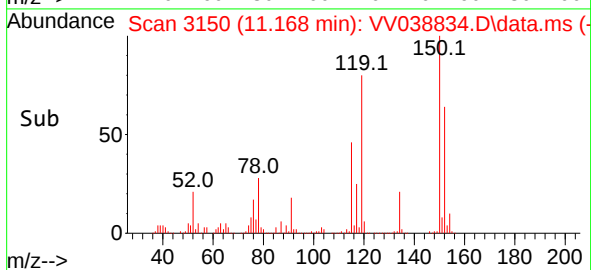
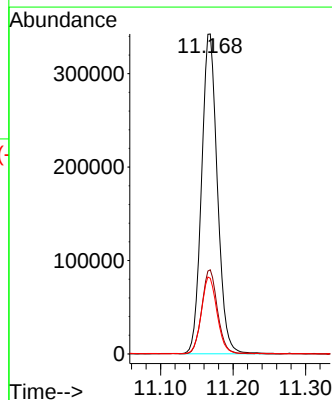
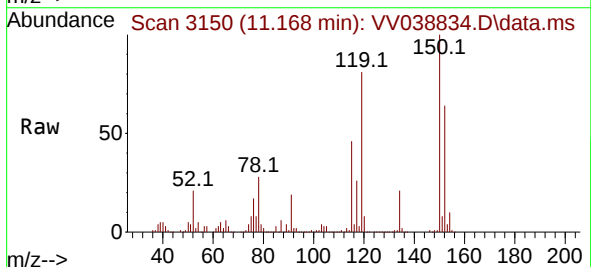
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

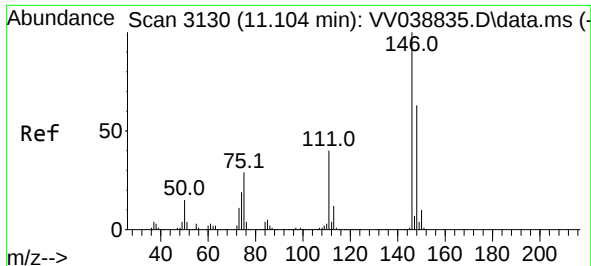
Tgt Ion:105 Resp: 604551
Ion Ratio Lower Upper
105 100
134 19.6 10.0 30.0



#86
p-Isopropyltoluene
Concen: 20.351 ug/l
RT: 11.168 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion:119 Resp: 517705
Ion Ratio Lower Upper
119 100
134 26.0 13.0 39.0
91 23.7 12.4 37.0

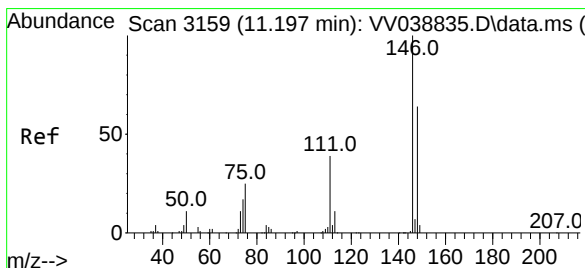
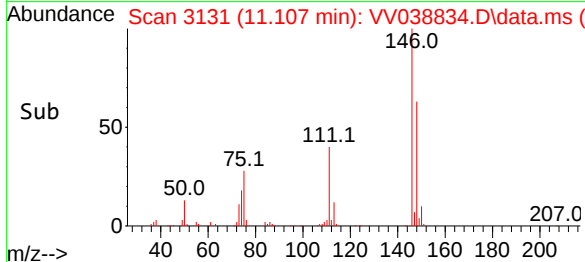
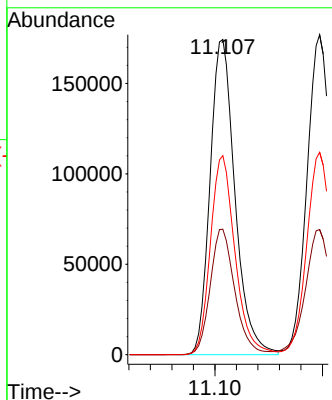
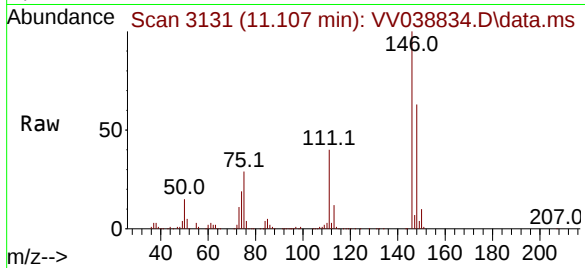




#87
1,3-Dichlorobenzene
Concen: 20.340 ug/l
RT: 11.107 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

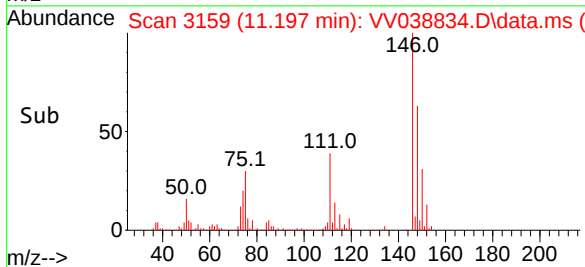
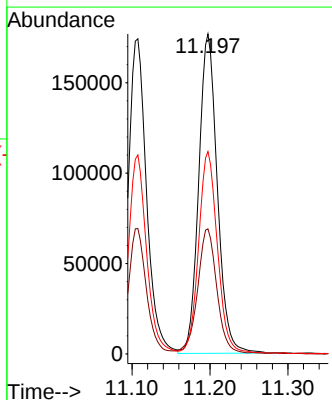
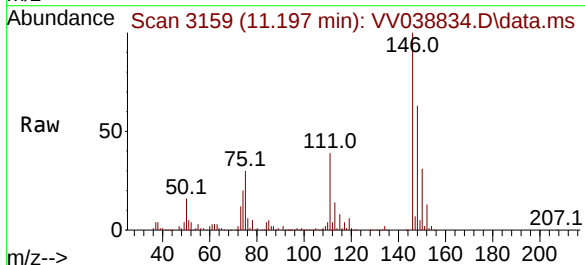
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

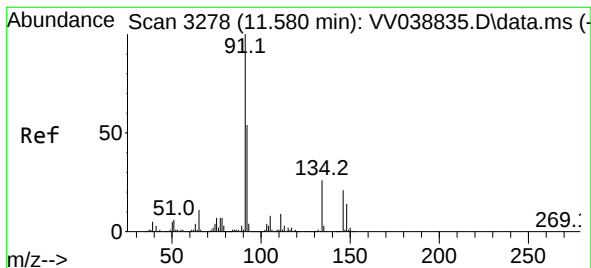
Tgt Ion:146 Resp: 280339
Ion Ratio Lower Upper
146 100
111 39.4 20.2 60.6
148 62.5 31.3 93.8



#88
1,4-Dichlorobenzene
Concen: 20.158 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion:146 Resp: 292759
Ion Ratio Lower Upper
146 100
111 39.8 19.8 59.3
148 63.5 32.0 96.2





#89

n-Butylbenzene

Concen: 19.898 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

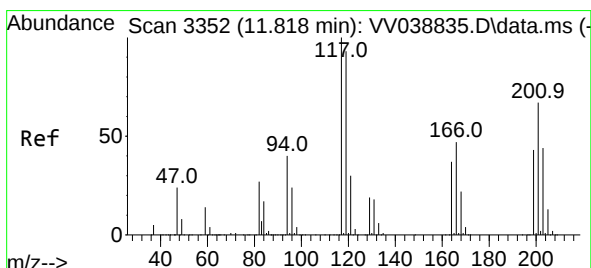
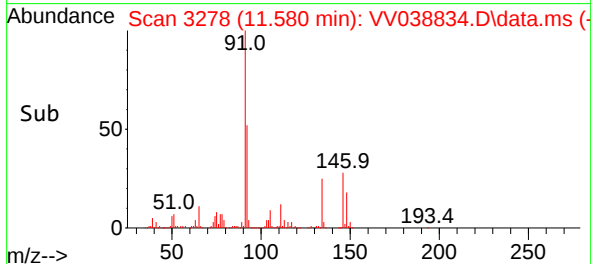
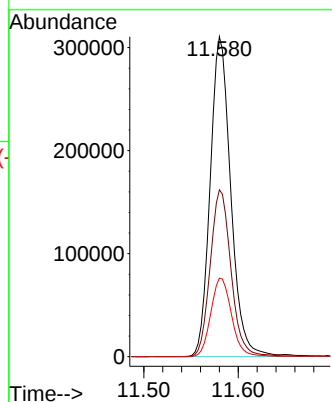
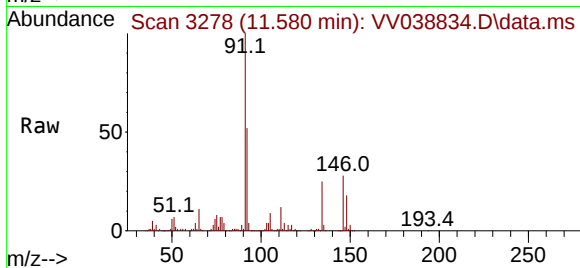
Tgt Ion: 91 Resp: 469101

Ion Ratio Lower Upper

91 100

92 52.9 26.7 80.0

134 24.8 12.9 38.7



#90

Hexachloroethane

Concen: 19.272 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV038834.D

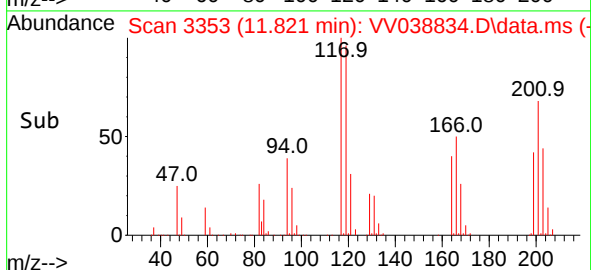
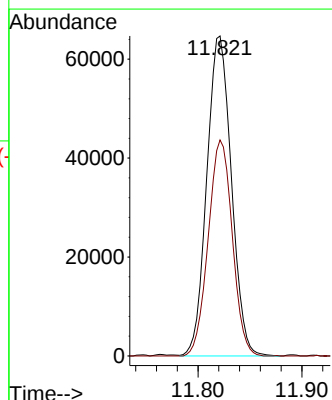
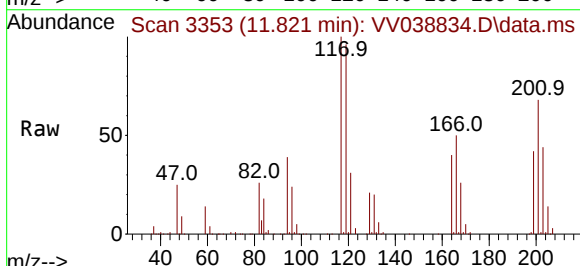
Acq: 02 Jul 2025 10:46

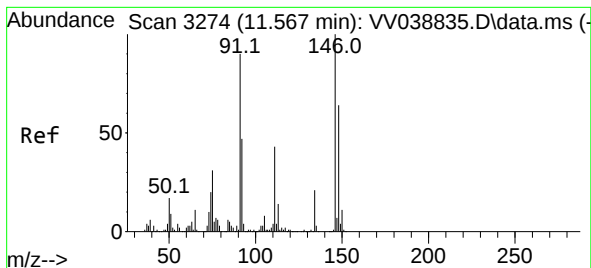
Tgt Ion: 117 Resp: 106418

Ion Ratio Lower Upper

117 100

201 66.0 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 19.924 ug/l

RT: 11.567 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

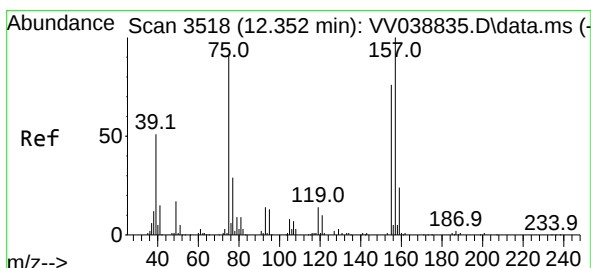
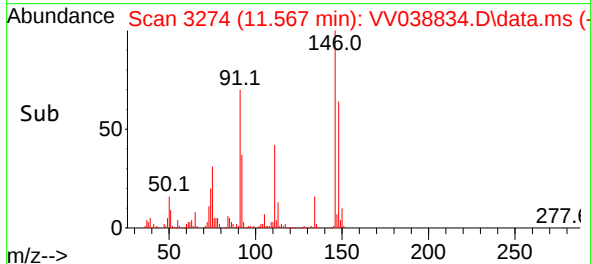
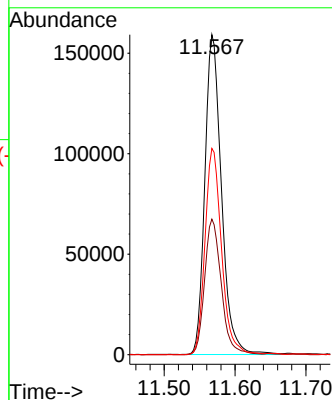
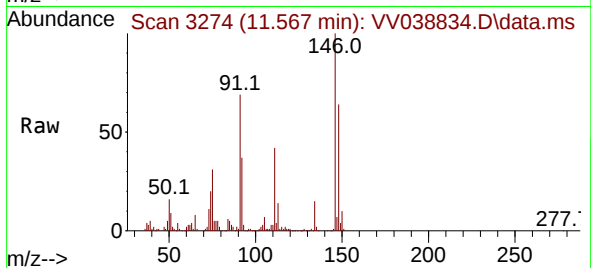
Tgt Ion:146 Resp: 258829

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

148 64.4 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.213 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. -0.000 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

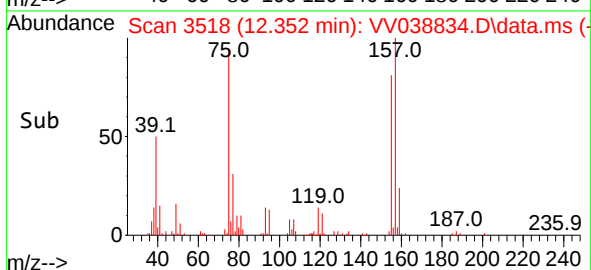
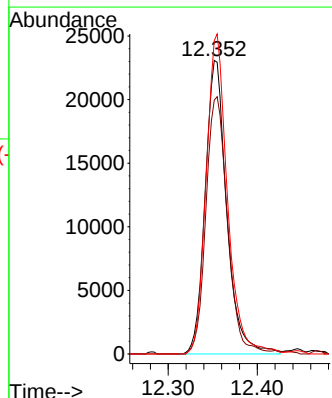
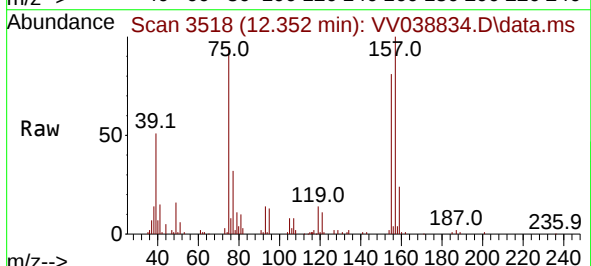
Tgt Ion: 75 Resp: 38755

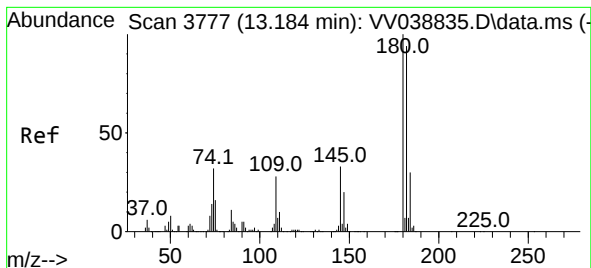
Ion Ratio Lower Upper

75 100

155 87.8 43.2 129.6

157 107.6 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 19.589 ug/l

RT: 13.184 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

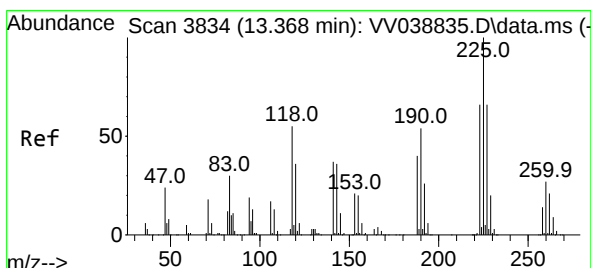
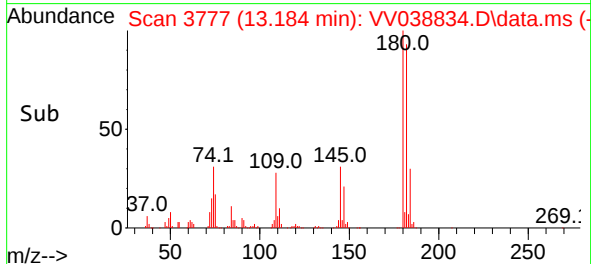
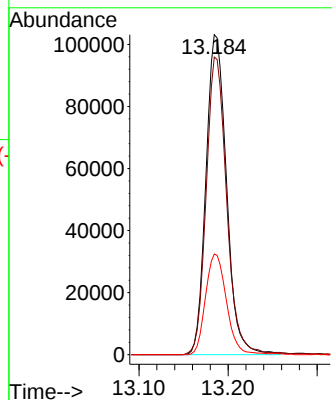
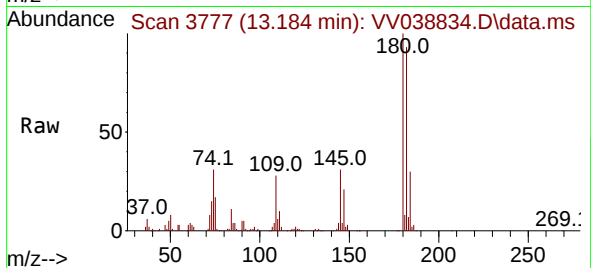
Tgt Ion:180 Resp: 164952

Ion Ratio Lower Upper

180 100

182 92.4 47.6 142.8

145 32.0 16.4 49.1



#94

Hexachlorobutadiene

Concen: 19.743 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV038834.D

Acq: 02 Jul 2025 10:46

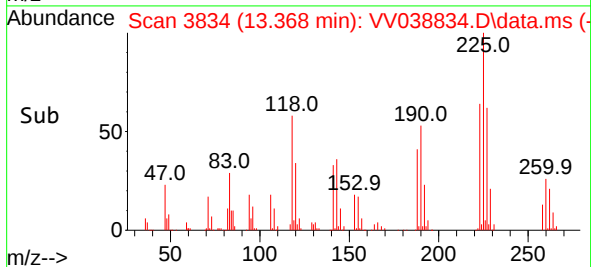
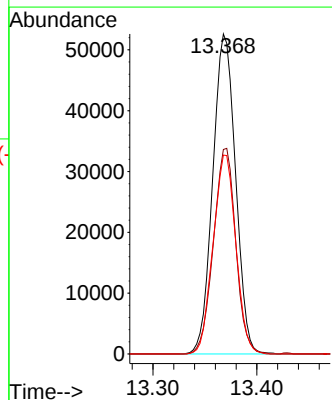
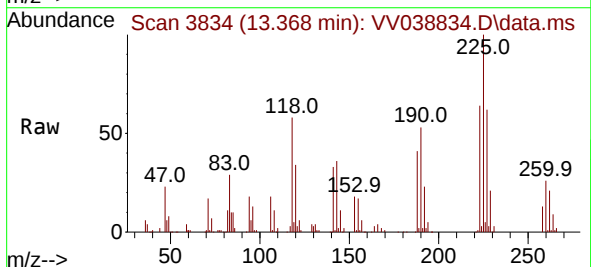
Tgt Ion:225 Resp: 80228

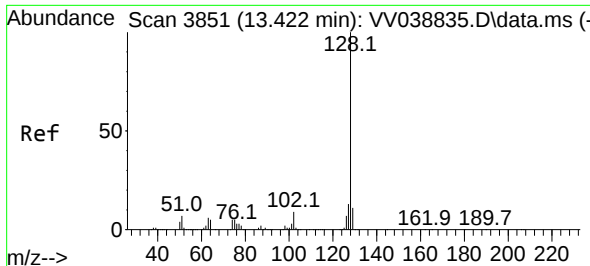
Ion Ratio Lower Upper

225 100

223 62.7 33.2 99.6

227 62.0 32.3 96.8

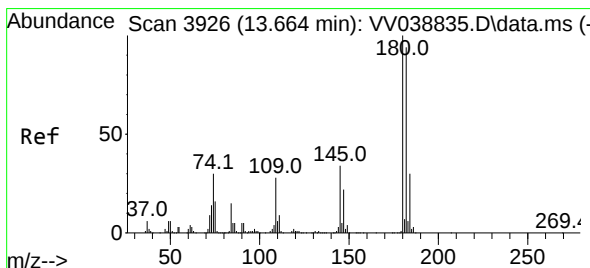
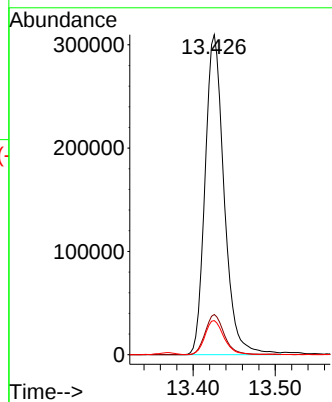
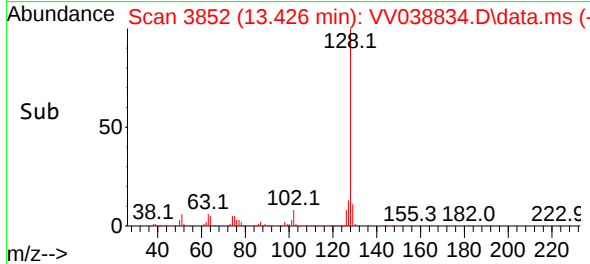
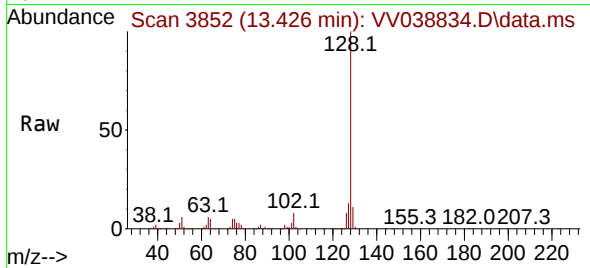




#95
Naphthalene
Concen: 18.694 ug/l
RT: 13.426 min Scan# 3851
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 500781
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.825 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.003 min
Lab File: VV038834.D
Acq: 02 Jul 2025 10:46

Tgt Ion:180 Resp: 172278
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 34.0 17.1 51.2

