

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
 Data File : VW031974.D
 Acq On : 01 Aug 2025 10:12
 Operator : SY/MD
 Sample : VW0801SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0801SBSD01

Quant Time: Aug 01 23:09:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	220615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	398144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	370224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	179082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	167609	50.222	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 100.440%	
35) Dibromofluoromethane	7.898	113	141003	52.118	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 104.240%	
50) Toluene-d8	10.325	98	527673	51.534	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 103.060%	
62) 4-Bromofluorobenzene	12.617	95	201472	51.243	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 102.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	26504	16.164	ug/l	95
3) Chloromethane	2.253	50	38199	18.151	ug/l	98
4) Vinyl Chloride	2.405	62	46485	17.004	ug/l	97
5) Bromomethane	2.826	94	37029	18.394	ug/l	100
6) Chloroethane	2.966	64	33726	18.692	ug/l	99
7) Trichlorofluoromethane	3.308	101	48255	17.427	ug/l	96
8) Diethyl Ether	3.722	74	35045	18.947	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	49682	18.654	ug/l	98
10) Methyl Iodide	4.314	142	75262	18.900	ug/l	99
11) Tert butyl alcohol	5.234	59	19858	101.227	ug/l	98
12) 1,1-Dichloroethene	4.076	96	54543	18.541	ug/l	94
13) Acrolein	3.936	56	17192	55.321	ug/l	96
14) Allyl chloride	4.704	41	83650	18.267	ug/l	99
15) Acrylonitrile	5.411	53	83695	101.212	ug/l	98
16) Acetone	4.167	43	77524	97.892	ug/l	100
17) Carbon Disulfide	4.423	76	135754	17.794	ug/l	99
18) Methyl Acetate	4.710	43	49977	22.906	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	103696	20.402	ug/l	98
20) Methylene Chloride	4.954	84	65104	16.062	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	59045	18.918	ug/l	91
22) Diisopropyl ether	6.338	45	179296	19.567	ug/l	94
23) Vinyl Acetate	6.289	43	569393	95.112	ug/l	99
24) 1,1-Dichloroethane	6.240	63	110392	19.349	ug/l	99
25) 2-Butanone	7.197	43	106124	97.941	ug/l	97
26) 2,2-Dichloropropane	7.185	77	58059	17.975	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	70949	19.336	ug/l	98
28) Bromochloromethane	7.533	49	45657	19.114	ug/l	94
29) Tetrahydrofuran	7.557	42	71024	99.977	ug/l	99
30) Chloroform	7.697	83	118708	19.845	ug/l	100
31) Cyclohexane	7.971	56	89959	17.576	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	85597	18.805	ug/l	99
36) 1,1-Dichloropropene	8.100	75	78940	19.000	ug/l	99
37) Ethyl Acetate	7.276	43	49293	20.798	ug/l	99
38) Carbon Tetrachloride	8.087	117	78235	19.620	ug/l	94
39) Methylcyclohexane	9.343	83	92958	17.779	ug/l	96
40) Benzene	8.337	78	248680	20.220	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	28527	20.106	ug/l	97
42) 1,2-Dichloroethane	8.410	62	82094	20.856	ug/l	100
43) Isopropyl Acetate	8.435	43	83921	19.559	ug/l	97
44) Trichloroethene	9.099	130	57900	19.806	ug/l	95
45) 1,2-Dichloropropane	9.374	63	59790	20.185	ug/l	99
46) Dibromomethane	9.465	93	39572	21.552	ug/l	96
47) Bromodichloromethane	9.648	83	90989	20.666	ug/l	99
48) Methyl methacrylate	9.441	41	41717	20.436	ug/l	97
49) 1,4-Dioxane	9.471	88	9433	514.860	ug/l #	75
51) 4-Methyl-2-Pentanone	10.215	43	248332	105.754	ug/l	100
52) Toluene	10.392	92	158330	20.026	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	83143	19.686	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	95666	19.835	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	52594	21.564	ug/l	95
56) Ethyl methacrylate	10.648	69	69824	20.271	ug/l	99
57) 1,3-Dichloropropane	10.934	76	91728	21.348	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	116121	65.630	ug/l	99
59) 2-Hexanone	10.971	43	170083	104.203	ug/l	99
60) Dibromochloromethane	11.129	129	59250	20.836	ug/l	98
61) 1,2-Dibromoethane	11.239	107	50736	21.052	ug/l	98
64) Tetrachloroethene	10.867	164	46870	19.202	ug/l #	81
65) Chlorobenzene	11.660	112	176168	19.442	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	55265	19.674	ug/l	99
67) Ethyl Benzene	11.733	91	295776	18.579	ug/l	99
68) m/p-Xylenes	11.837	106	232252	38.752	ug/l	97
69) o-Xylene	12.166	106	108231	19.082	ug/l	100
70) Styrene	12.178	104	188534	19.523	ug/l	98
71) Bromoform	12.349	173	31306	20.378	ug/l #	98
73) Isopropylbenzene	12.458	105	270032	17.378	ug/l	97
74) N-amyl acetate	12.269	43	75603	17.998	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	64603	19.587	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	80375	32.508	ug/l #	100
77) Bromobenzene	12.745	156	63035	18.749	ug/l	98
78) n-propylbenzene	12.800	91	341470	17.893	ug/l	98
79) 2-Chlorotoluene	12.891	91	208047	18.259	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	235990	18.109	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	17945	16.756	ug/l	94
82) 4-Chlorotoluene	12.989	91	222703	18.631	ug/l	100
83) tert-Butylbenzene	13.202	119	197280	17.772	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	239109	18.128	ug/l	98
85) sec-Butylbenzene	13.379	105	292862	17.568	ug/l	100
86) p-Isopropyltoluene	13.495	119	243490	17.672	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	130590	18.660	ug/l	98
88) 1,4-Dichlorobenzene	13.580	146	129287	18.859	ug/l	99
89) n-Butylbenzene	13.818	91	236649	17.508	ug/l	98
90) Hexachloroethane	14.086	117	43163	18.116	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	119275	19.231	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11431	19.184	ug/l	93
93) 1,2,4-Trichlorobenzene	15.123	180	65949	17.632	ug/l	98
94) Hexachlorobutadiene	15.226	225	31008	17.495	ug/l	99
95) Naphthalene	15.360	128	175224	19.055	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	63480	18.732	ug/l	95

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ClientSampleId :
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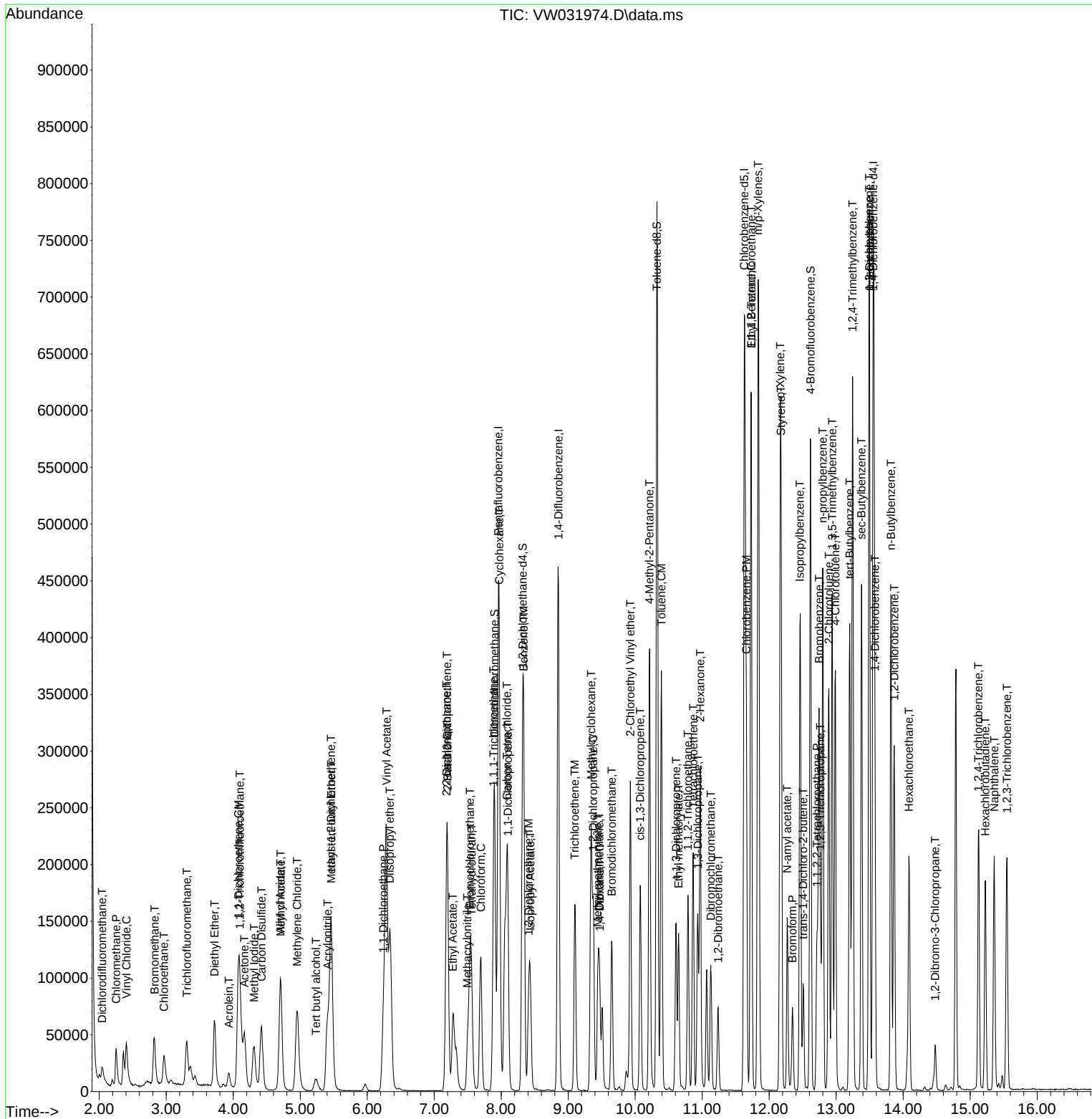
Quant Time: Aug 01 23:09:06 2025
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QLast Update : Wed Jul 23 08:18:46 2025
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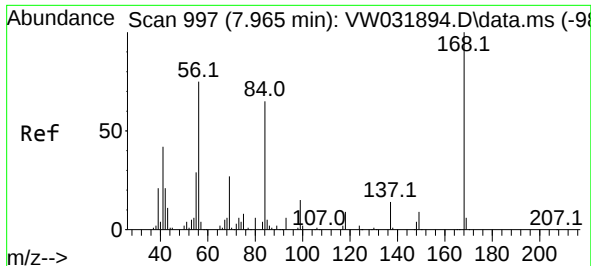
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_W
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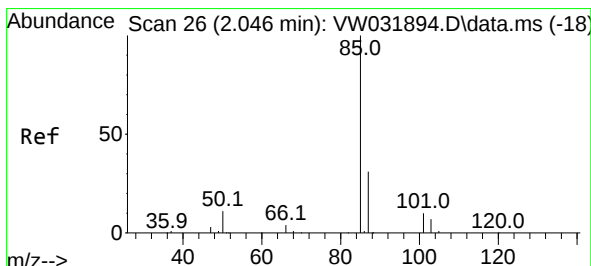
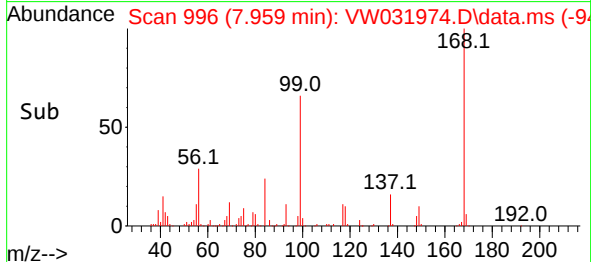
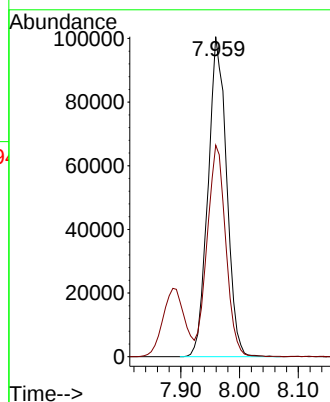
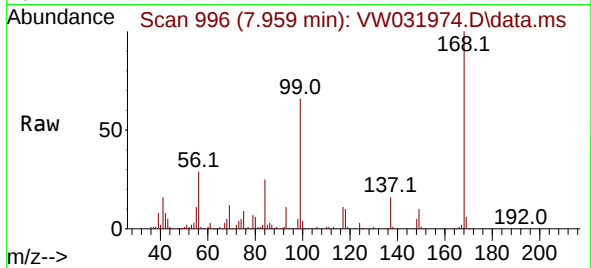




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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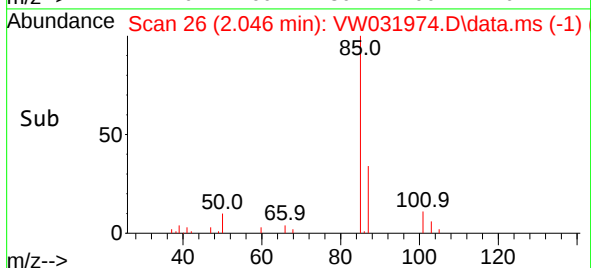
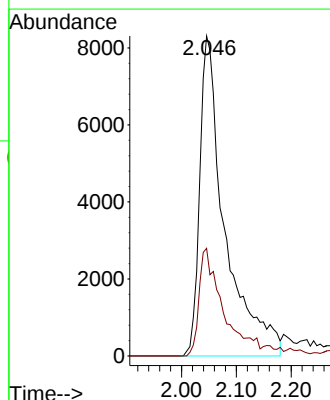
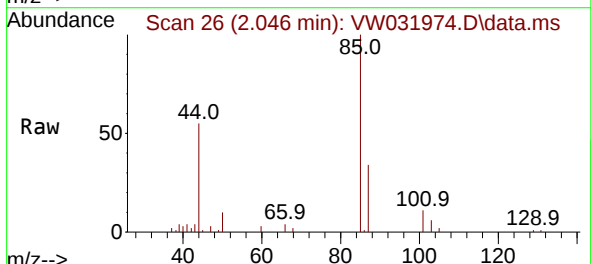
Instrument :
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ClientSampleId :
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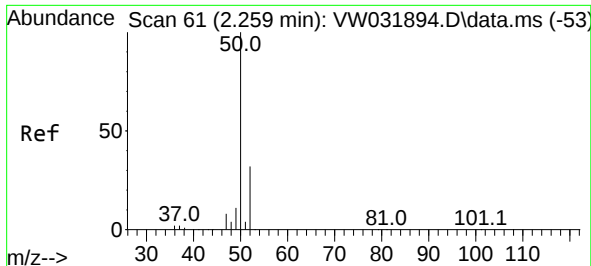
Tgt Ion:168 Resp: 220615
Ion Ratio Lower Upper
168 100
99 66.0 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 16.164 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 85 Resp: 26504
Ion Ratio Lower Upper
85 100
87 33.6 15.5 46.5

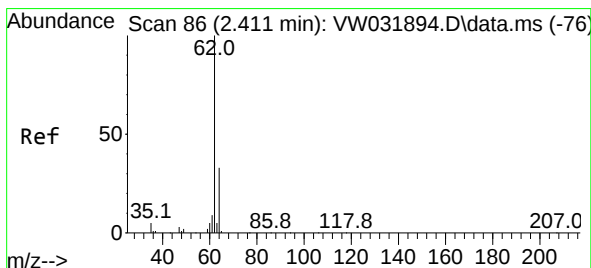
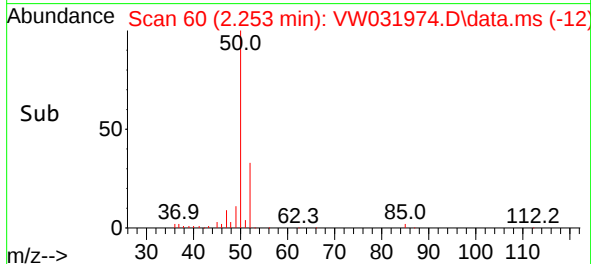
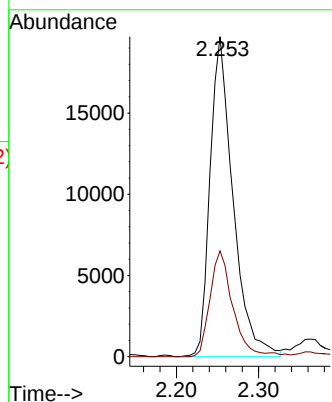
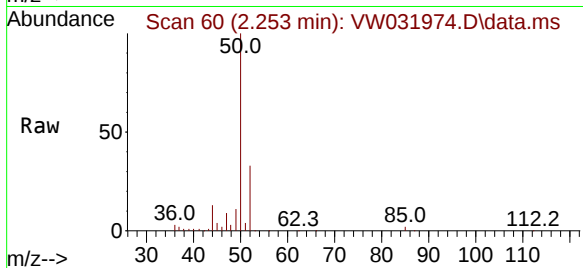




#3
Chloromethane
Concen: 18.151 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

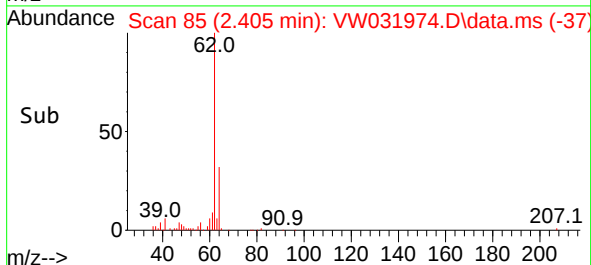
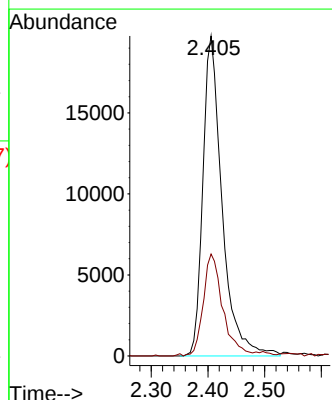
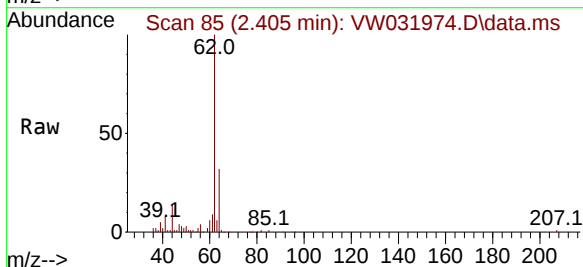
Instrument :
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ClientSampleId :
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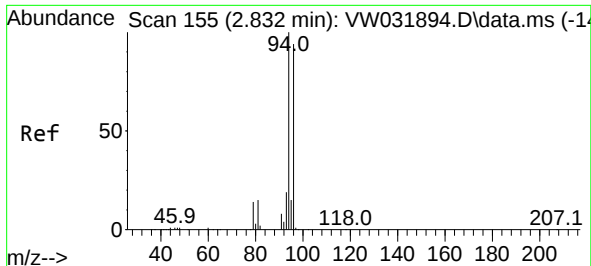
Tgt Ion: 50 Resp: 38199
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5



#4
Vinyl Chloride
Concen: 17.004 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 62 Resp: 46485
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.2

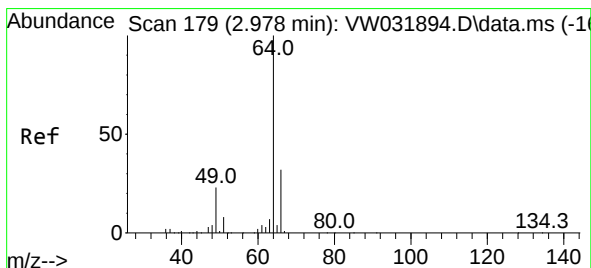
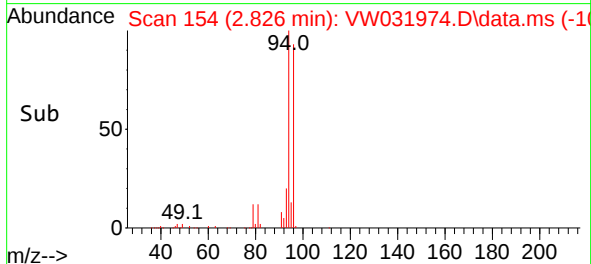
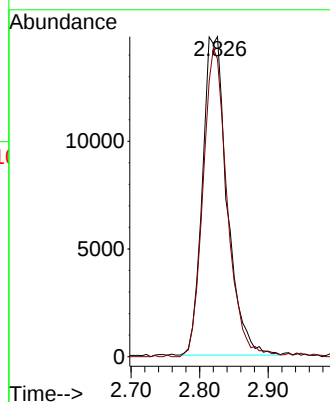
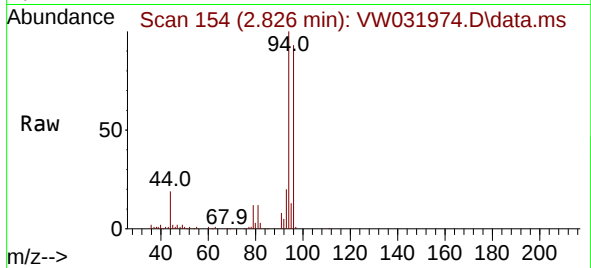




#5
Bromomethane
Concen: 18.394 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

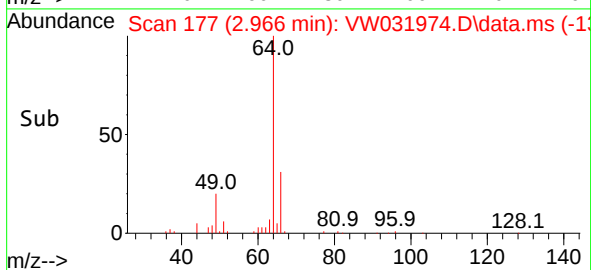
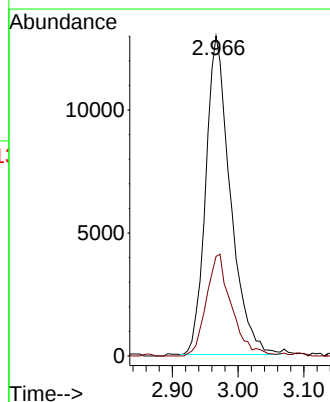
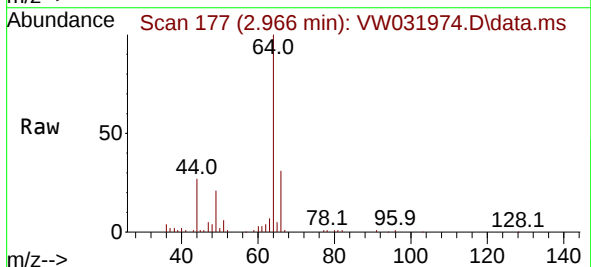
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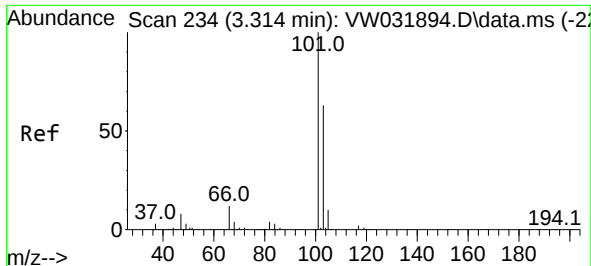
Tgt Ion: 94 Resp: 37029
Ion Ratio Lower Upper
94 100
96 93.4 75.0 112.6



#6
Chloroethane
Concen: 18.692 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.012 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 64 Resp: 33726
Ion Ratio Lower Upper
64 100
66 31.2 25.6 38.4

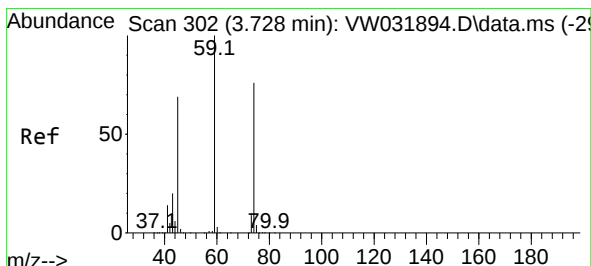
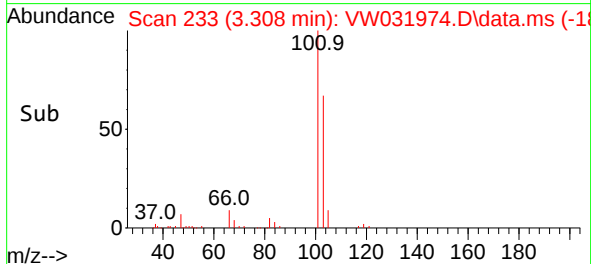
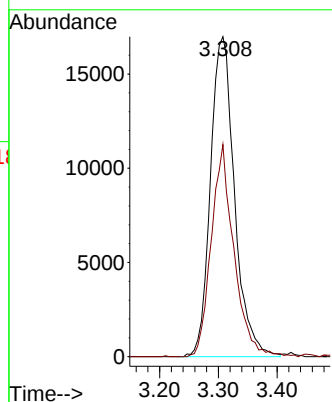
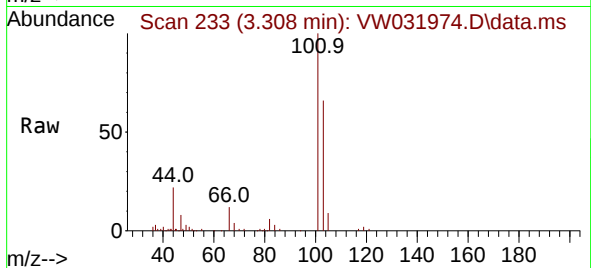




#7
 Trichlorofluoromethane
 Concen: 17.427 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031974.D
 Acq: 01 Aug 2025 10:12

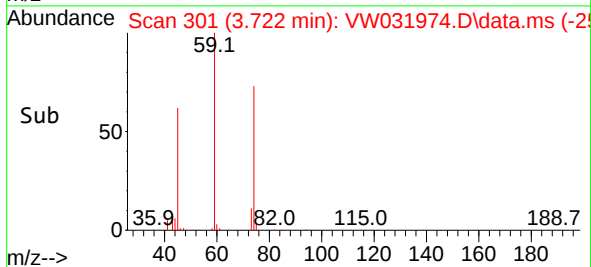
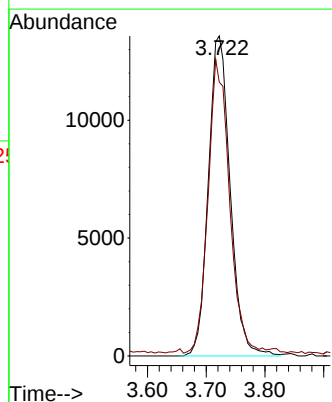
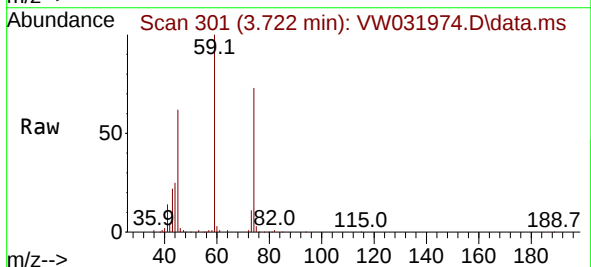
Instrument :
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 ClientSampleId :
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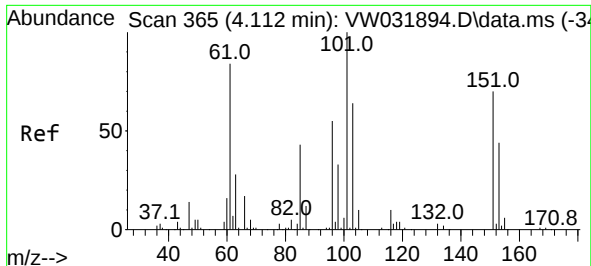
Tgt Ion:101 Resp: 48255
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.947 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 35045
 Ion Ratio Lower Upper
 74 100
 45 90.0 45.5 136.5

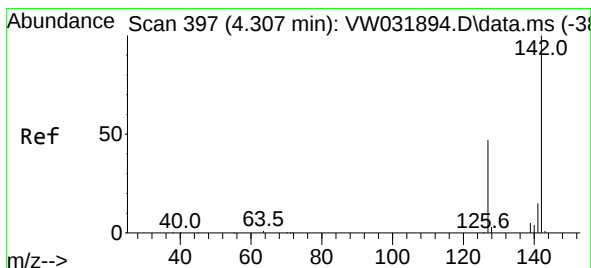
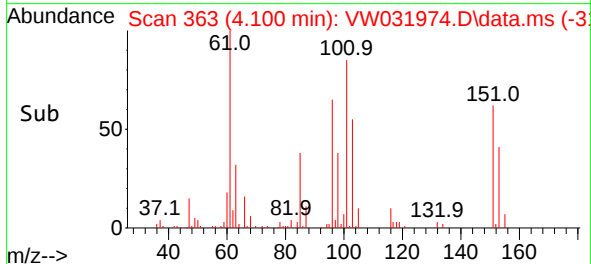
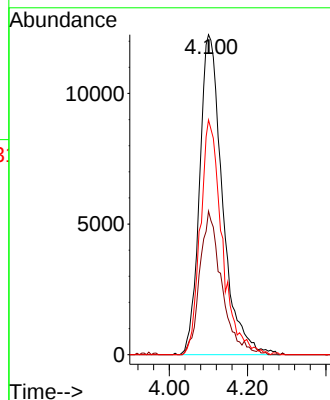
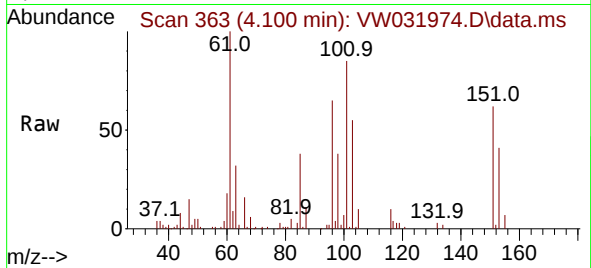




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.654 ug/l
RT: 4.100 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

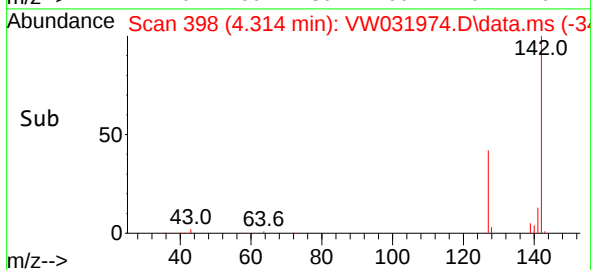
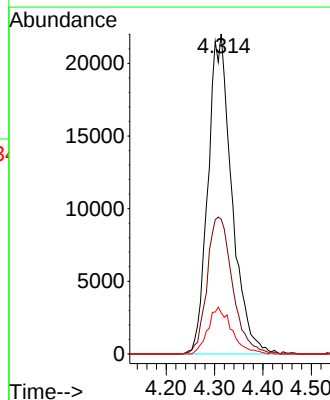
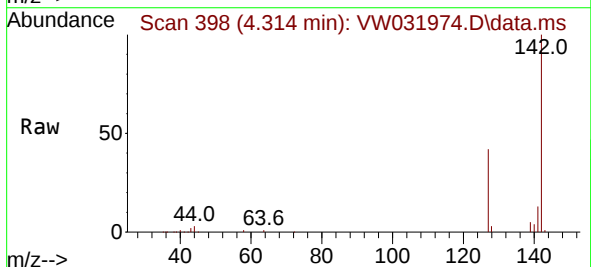
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

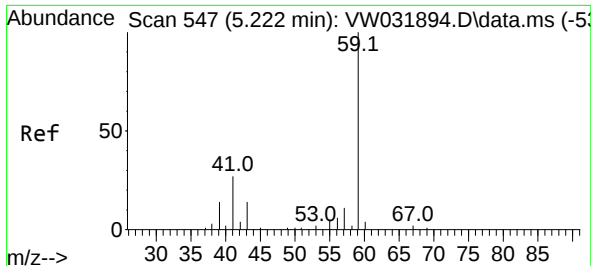
Tgt Ion:101 Resp: 49682
Ion Ratio Lower Upper
101 100
85 43.1 35.5 53.3
151 69.8 54.6 81.8



#10
Methyl Iodide
Concen: 18.900 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion:142 Resp: 75262
Ion Ratio Lower Upper
142 100
127 45.8 37.4 56.2
141 14.6 11.9 17.9

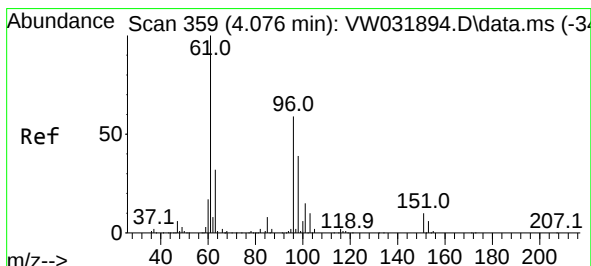
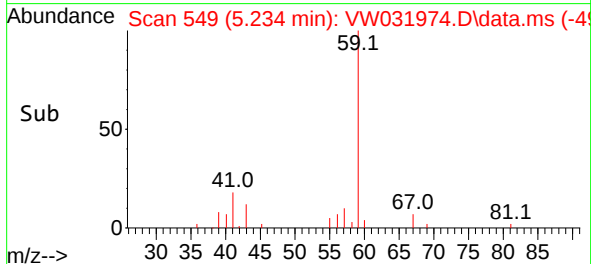
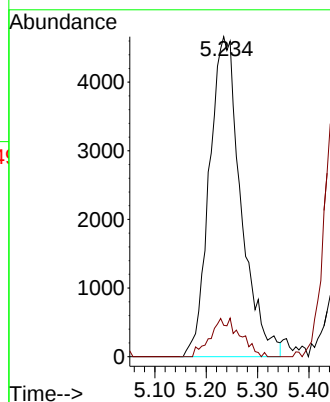
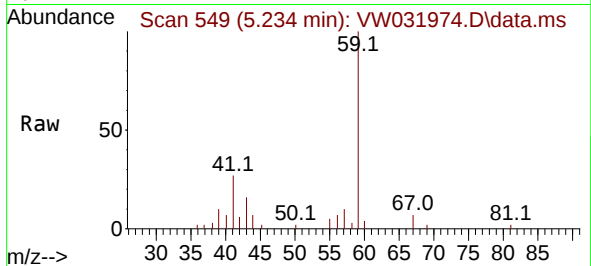




#11
Tert butyl alcohol
Concen: 101.227 ug/l
RT: 5.234 min Scan# 547
Delta R.T. 0.012 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

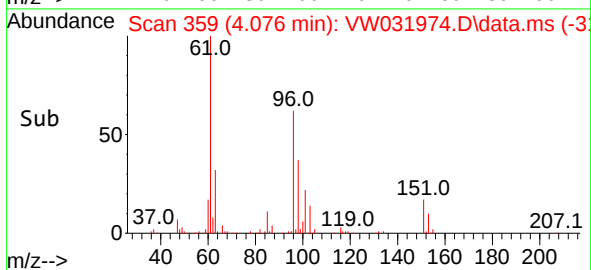
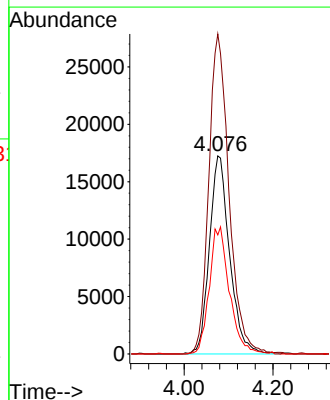
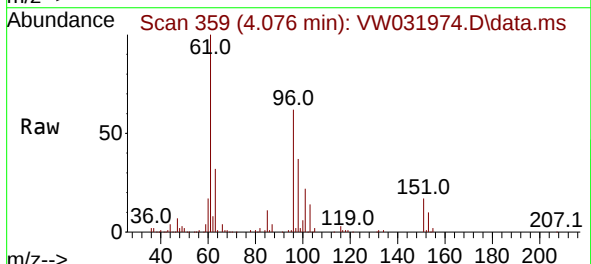
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

Tgt Ion: 59 Resp: 19858
Ion Ratio Lower Upper
59 100
57 11.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.541 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 96 Resp: 54543
Ion Ratio Lower Upper
96 100
61 161.5 135.0 202.6
98 60.1 52.3 78.5

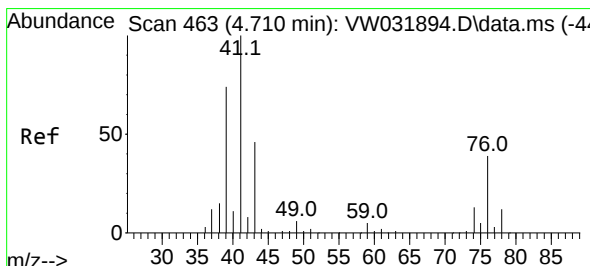
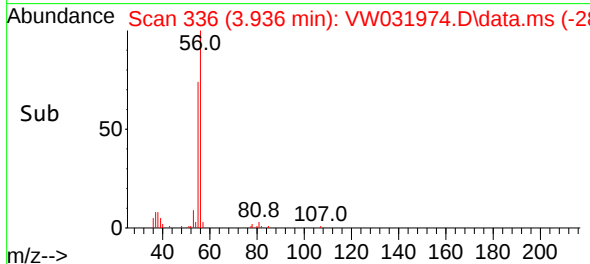
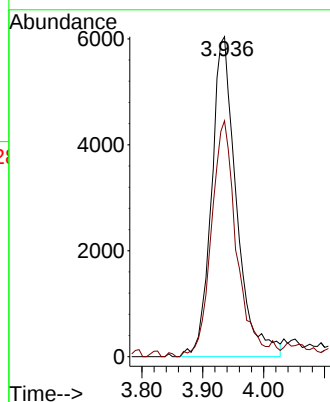
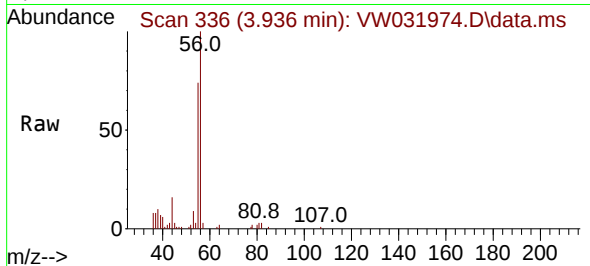




#13
Acrolein
Concen: 55.321 ug/l
RT: 3.936 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

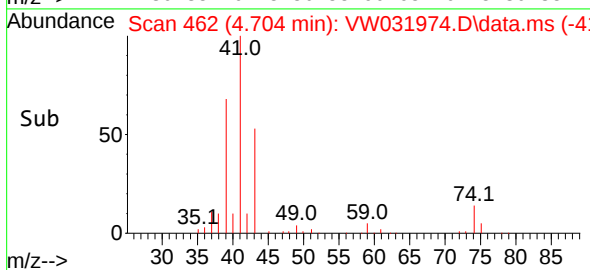
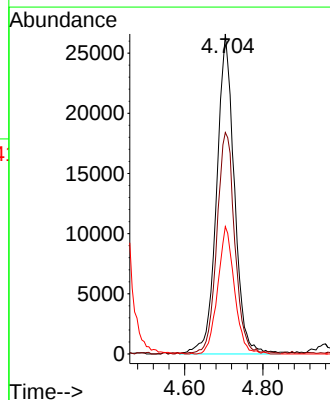
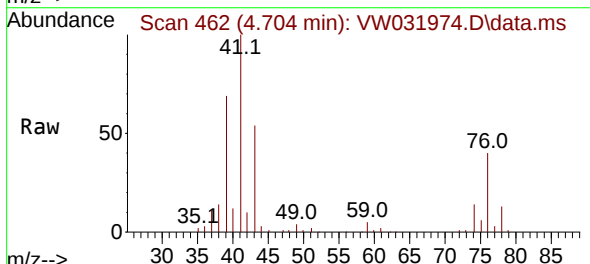
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

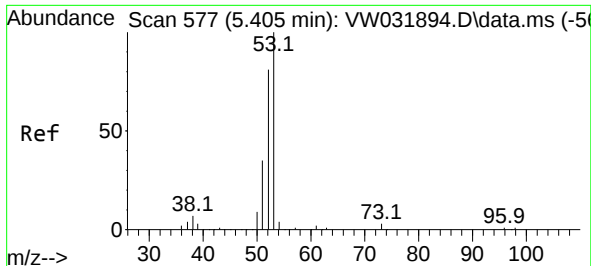
Tgt Ion: 56 Resp: 17192
Ion Ratio Lower Upper
56 100
55 73.8 56.7 85.1



#14
Allyl chloride
Concen: 18.267 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 41 Resp: 83650
Ion Ratio Lower Upper
41 100
39 69.1 56.6 85.0
76 37.4 30.1 45.1

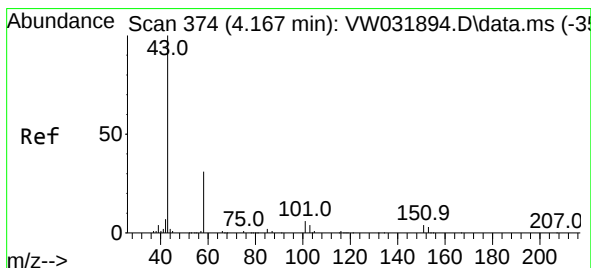
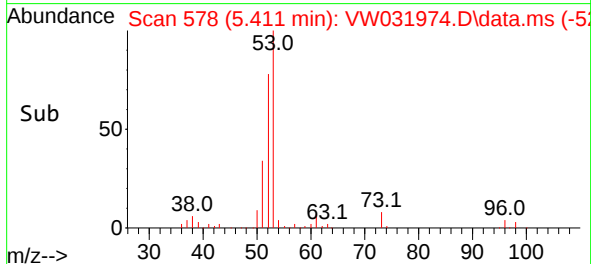
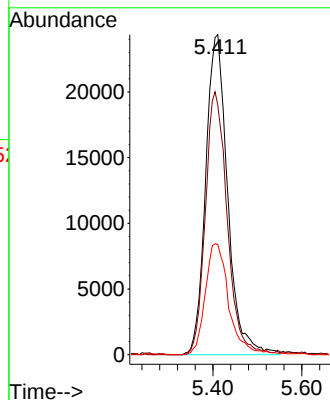
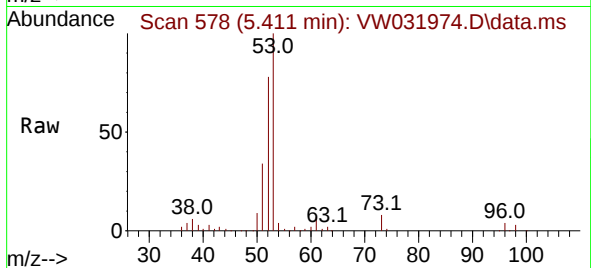




#15
Acrylonitrile
Concen: 101.212 ug/l
RT: 5.411 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

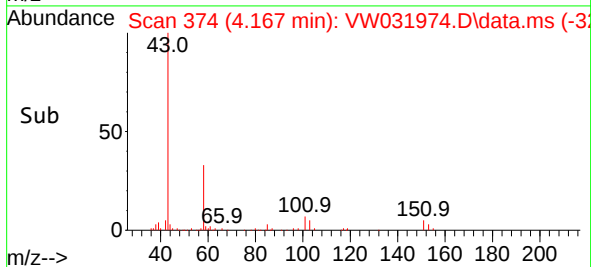
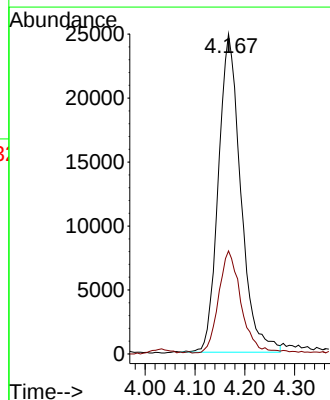
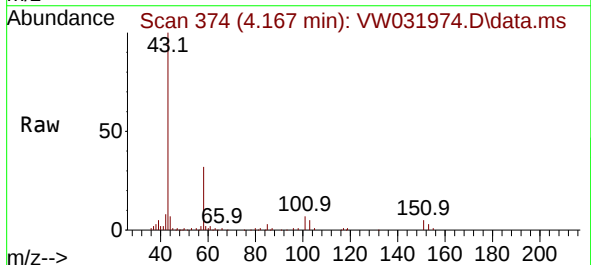
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

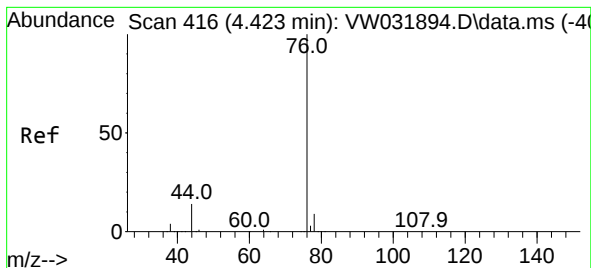
Tgt Ion: 53 Resp: 83695
Ion Ratio Lower Upper
53 100
52 81.6 67.0 100.4
51 37.4 29.9 44.9



#16
Acetone
Concen: 97.892 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 43 Resp: 77524
Ion Ratio Lower Upper
43 100
58 31.8 25.5 38.3





#17

Carbon Disulfide

Concen: 17.794 ug/l

RT: 4.423 min Scan# 416

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

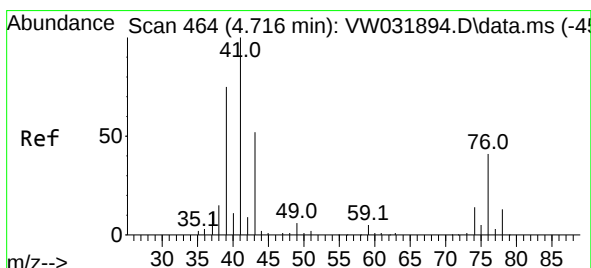
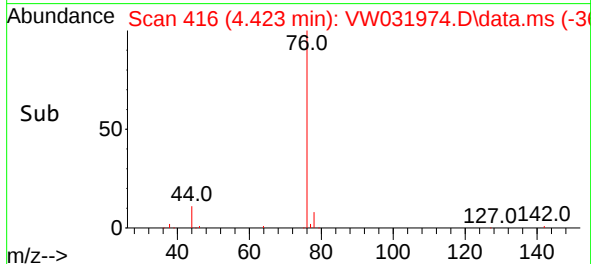
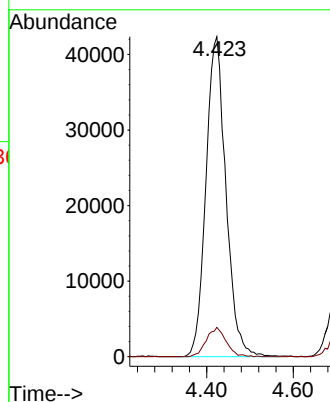
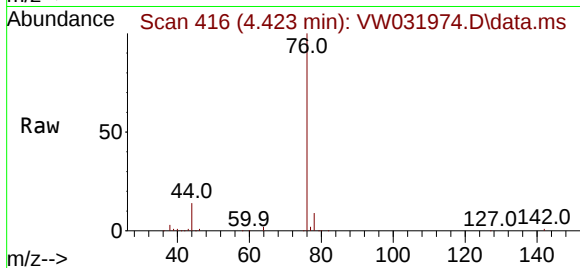
VW0801SBSD01

Tgt Ion: 76 Resp: 135754

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



#18

Methyl Acetate

Concen: 22.906 ug/l

RT: 4.710 min Scan# 463

Delta R.T. -0.006 min

Lab File: VW031974.D

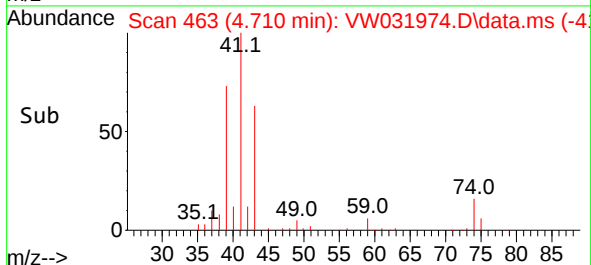
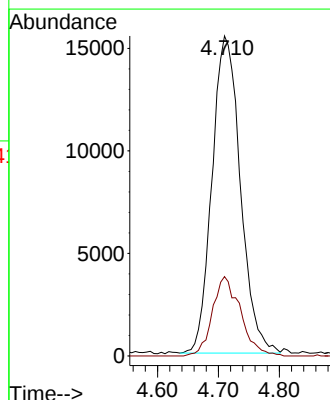
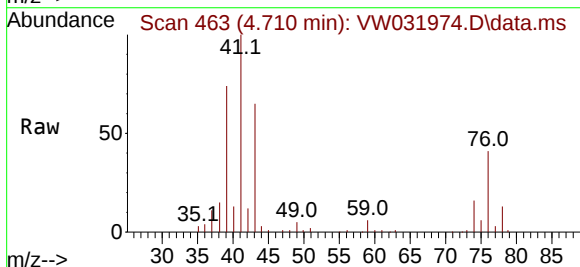
Acq: 01 Aug 2025 10:12

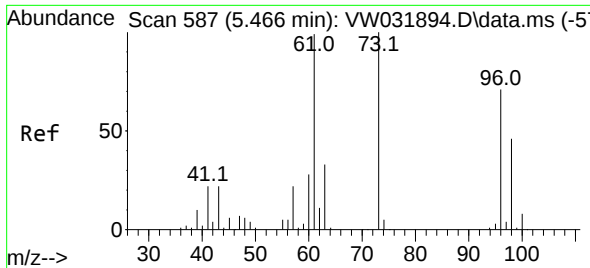
Tgt Ion: 43 Resp: 49977

Ion Ratio Lower Upper

43 100

74 24.8 20.6 31.0

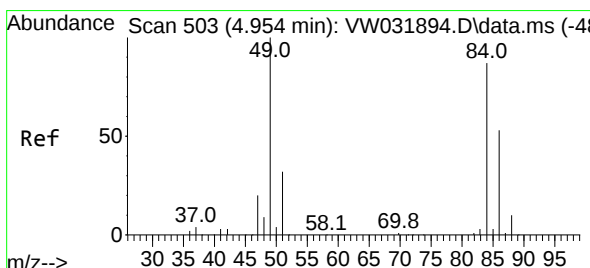
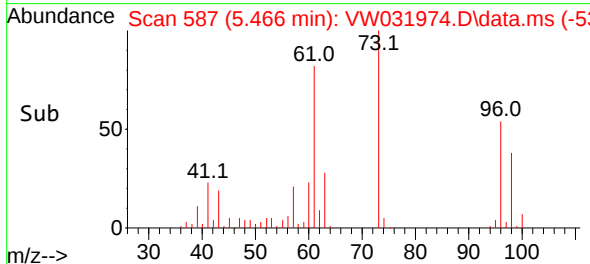
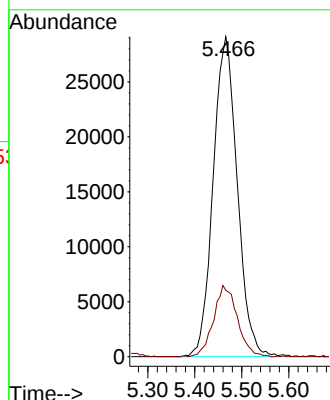
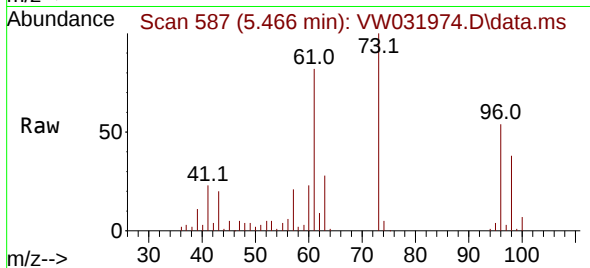




#19
Methyl tert-butyl Ether
Concen: 20.402 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

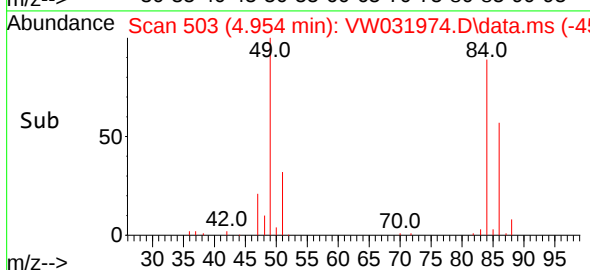
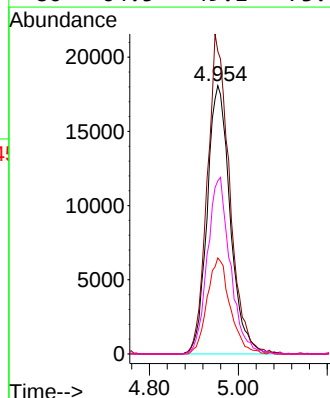
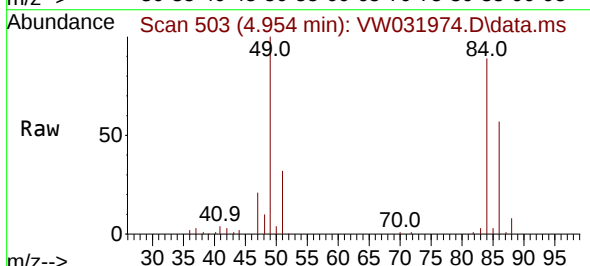
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

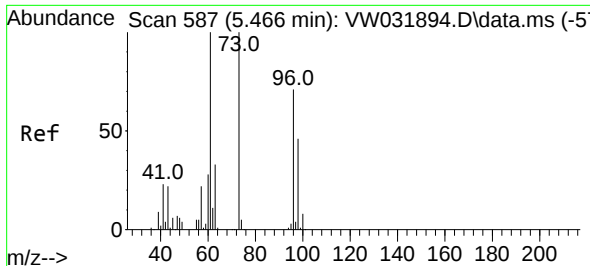
Tgt Ion: 73 Resp: 103696
Ion Ratio Lower Upper
73 100
57 20.7 17.5 26.3



#20
Methylene Chloride
Concen: 16.062 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 84 Resp: 65104
Ion Ratio Lower Upper
84 100
49 112.8 91.9 137.9
51 35.8 29.0 43.6
86 64.5 49.1 73.7

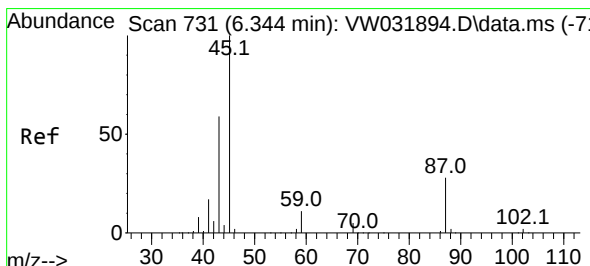
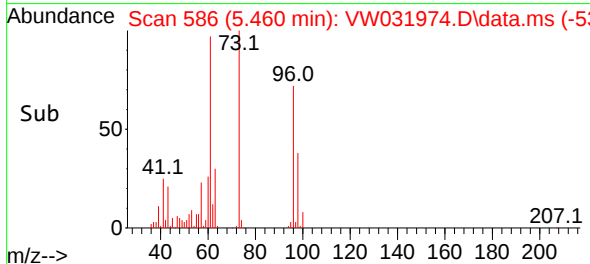
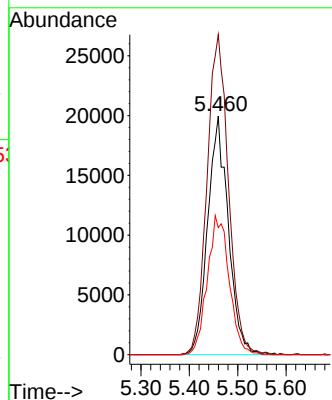
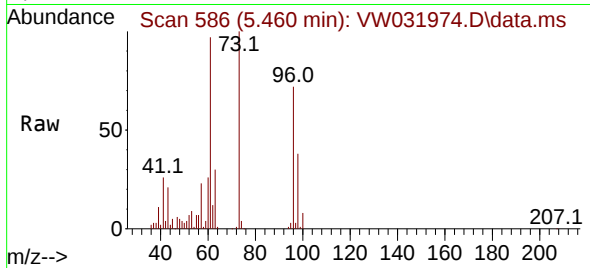




#21
trans-1,2-Dichloroethene
Concen: 18.918 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

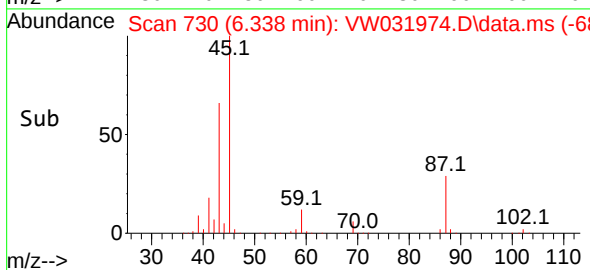
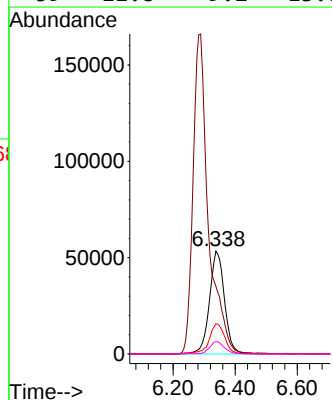
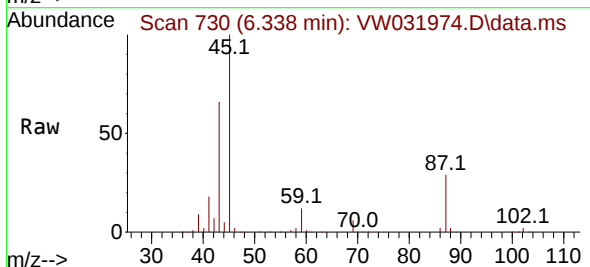
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

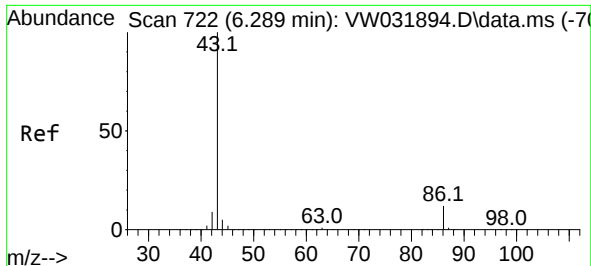
Tgt Ion: 96 Resp: 59045
Ion Ratio Lower Upper
96 100
61 134.1 112.8 169.2
98 53.2 51.9 77.9



#22
Diisopropyl ether
Concen: 19.567 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 45 Resp: 179296
Ion Ratio Lower Upper
45 100
43 65.6 47.0 70.6
87 29.2 22.8 34.2
59 11.8 9.2 13.8

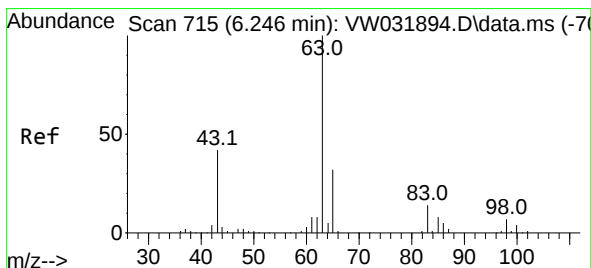
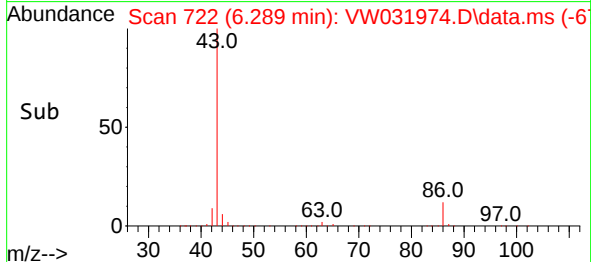
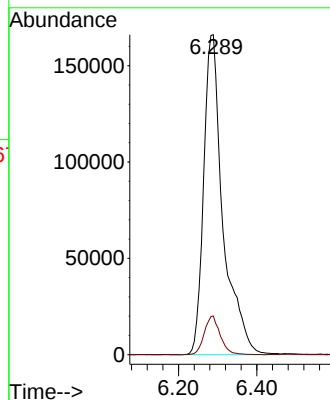
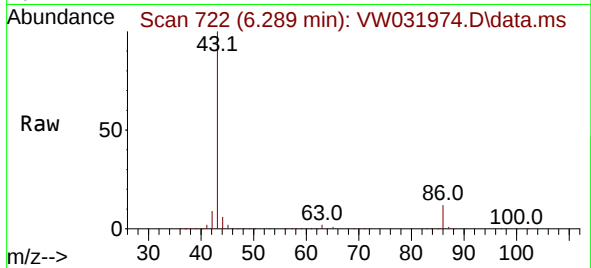




#23
 Vinyl Acetate
 Concen: 95.112 ug/l
 RT: 6.289 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW031974.D
 Acq: 01 Aug 2025 10:12

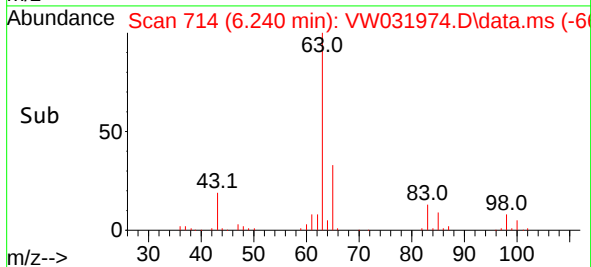
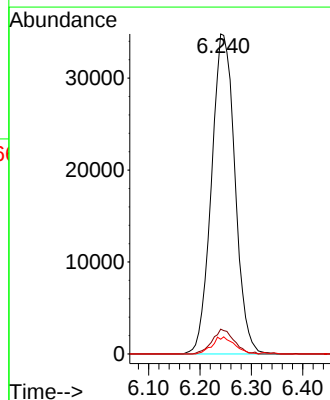
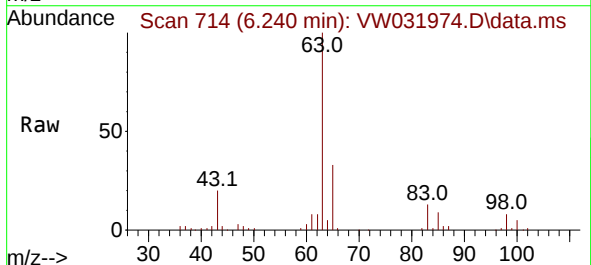
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0801SBSD01

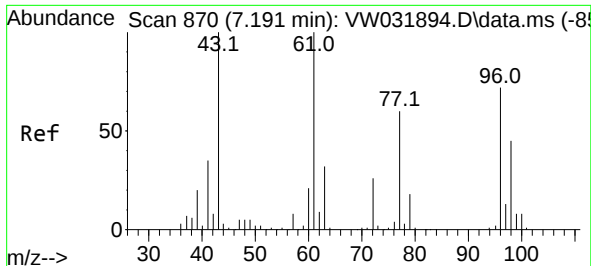
Tgt Ion: 43 Resp: 569393
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 19.349 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031974.D
 Acq: 01 Aug 2025 10:12

Tgt Ion: 63 Resp: 110392
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.9
 100 4.6 2.2 6.6

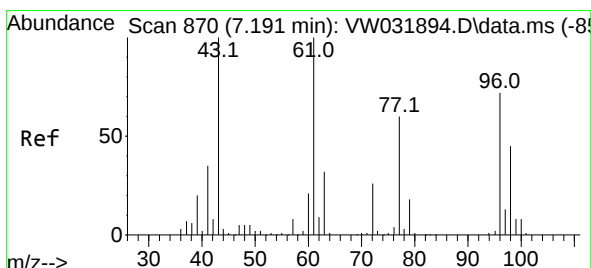
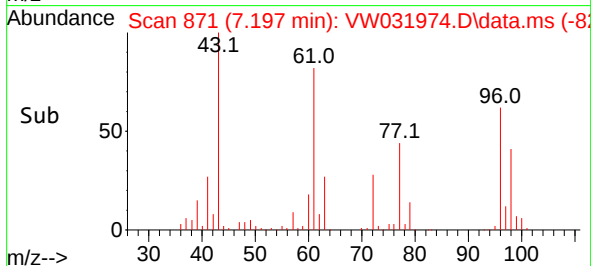
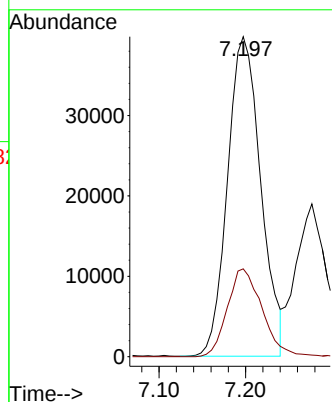
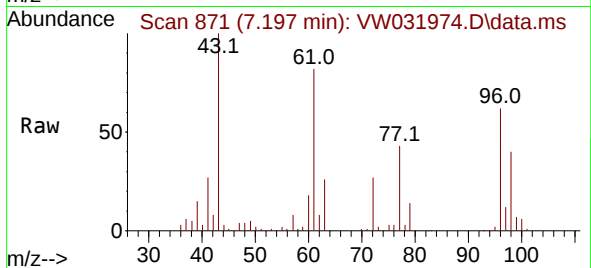




#25
2-Butanone
Concen: 97.941 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

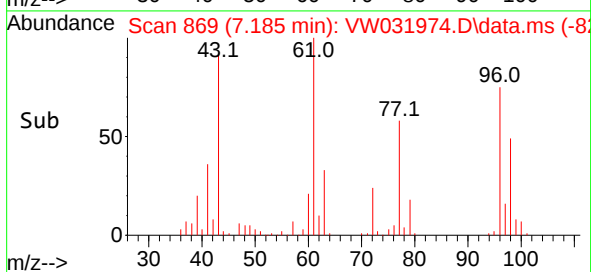
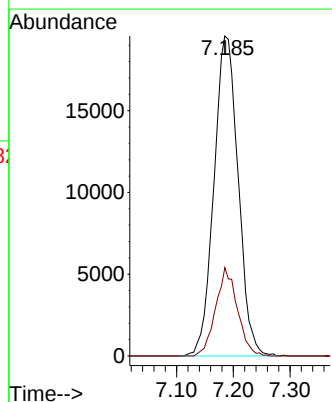
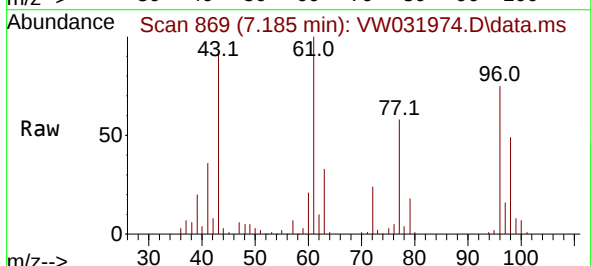
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

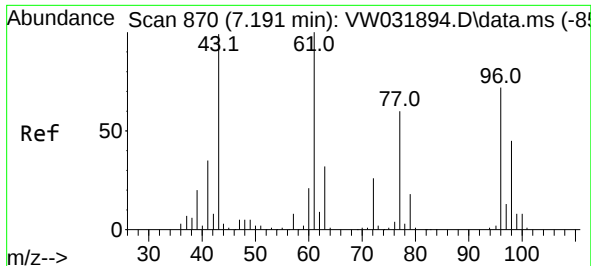
Tgt Ion: 43 Resp: 106124
Ion Ratio Lower Upper
43 100
72 27.5 20.8 31.2



#26
2,2-Dichloropropane
Concen: 17.975 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 77 Resp: 58059
Ion Ratio Lower Upper
77 100
97 24.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.336 ug/l

RT: 7.191 min Scan# 81

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBSD01

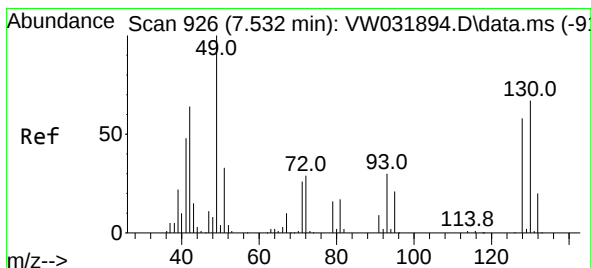
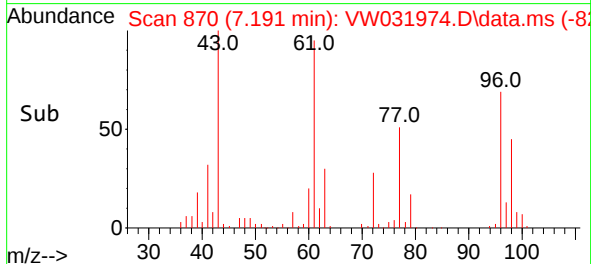
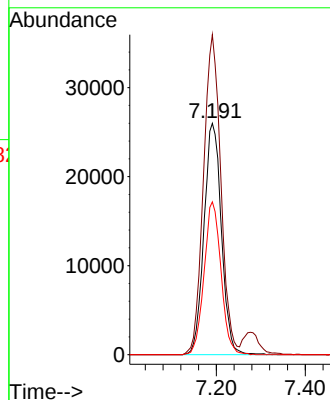
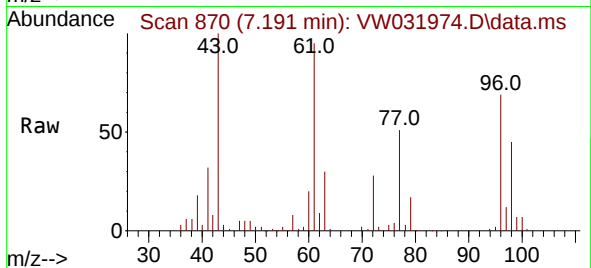
Tgt Ion: 96 Resp: 70949

Ion Ratio Lower Upper

96 100

61 137.9 0.0 280.2

98 64.2 0.0 126.8



#28

Bromochloromethane

Concen: 19.114 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

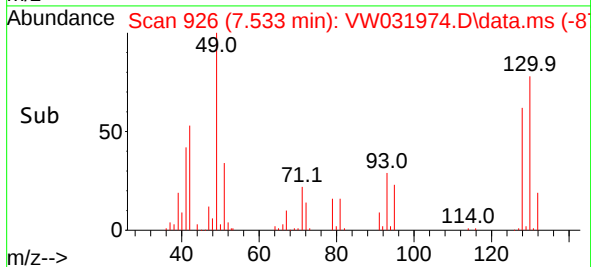
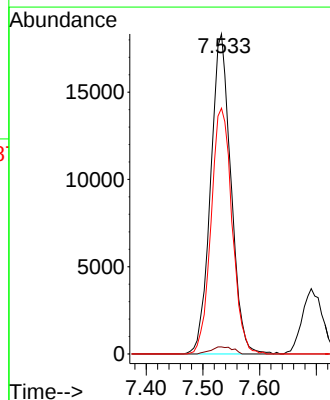
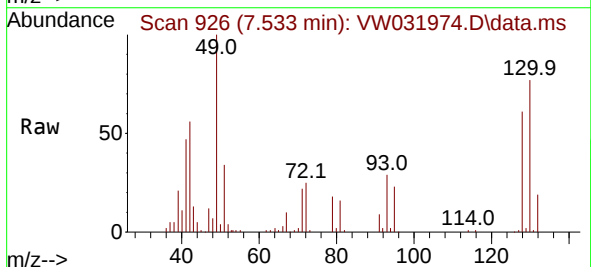
Tgt Ion: 49 Resp: 45657

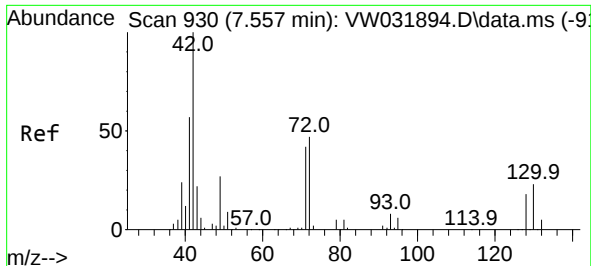
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 79.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 99.977 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBSD01

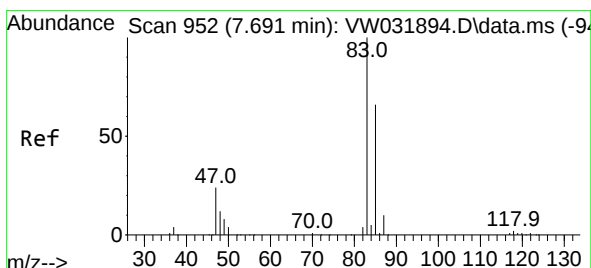
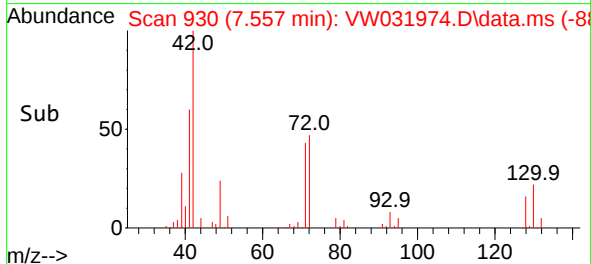
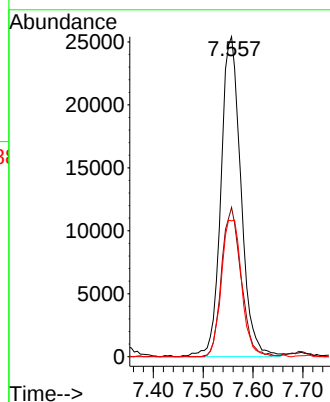
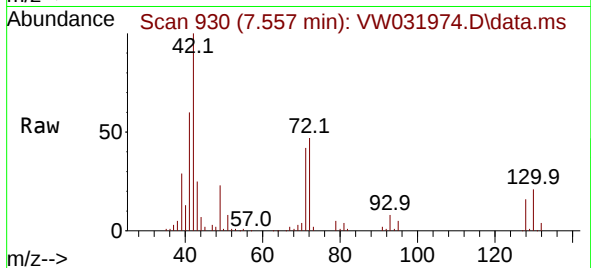
Tgt Ion: 42 Resp: 71024

Ion Ratio Lower Upper

42 100

72 45.4 37.0 55.6

71 43.4 34.5 51.7



#30

Chloroform

Concen: 19.845 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW031974.D

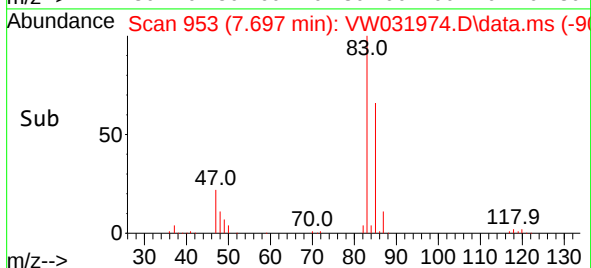
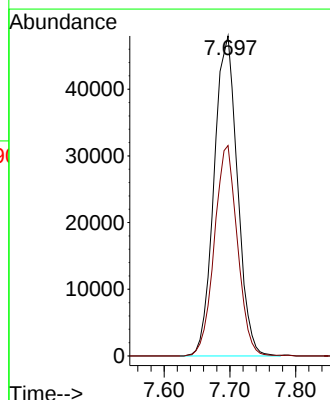
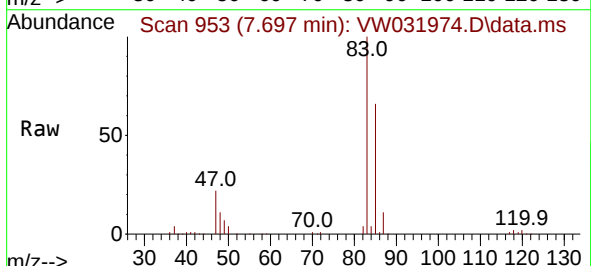
Acq: 01 Aug 2025 10:12

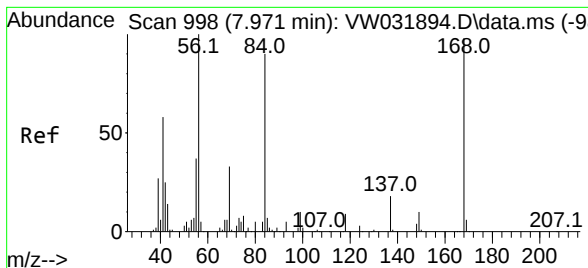
Tgt Ion: 83 Resp: 118708

Ion Ratio Lower Upper

83 100

85 65.8 52.6 78.8

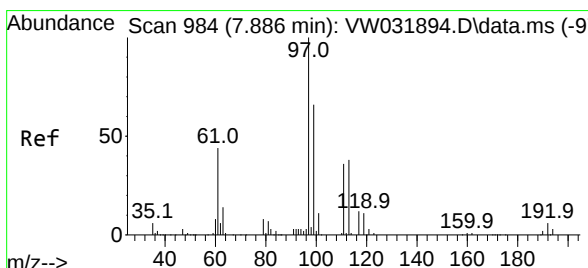
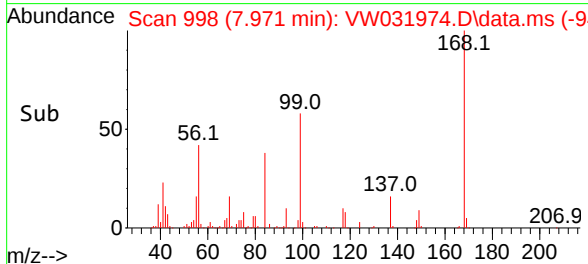
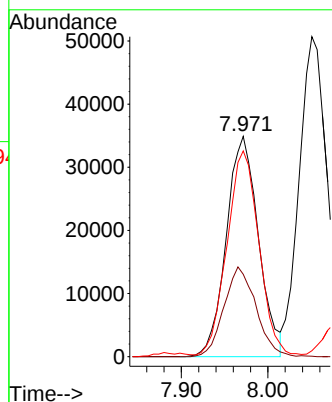
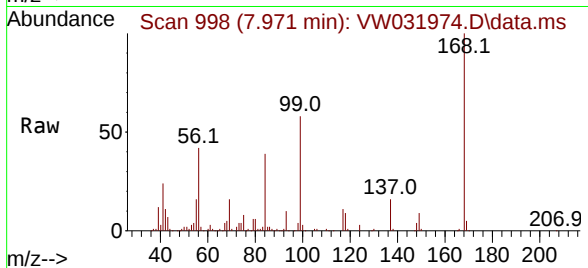




#31
Cyclohexane
Concen: 17.576 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

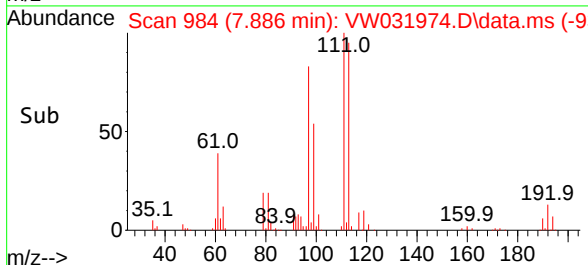
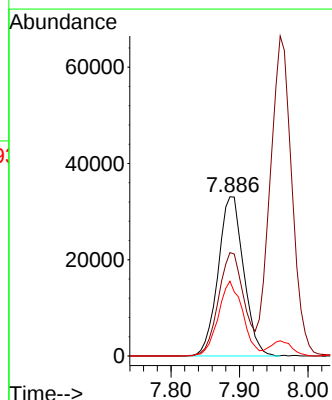
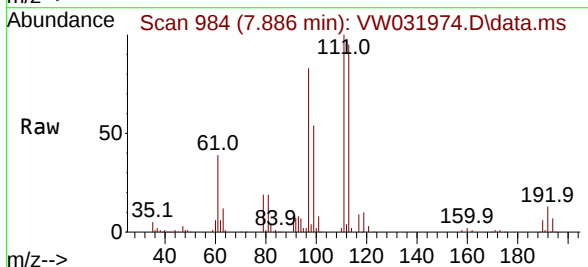
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

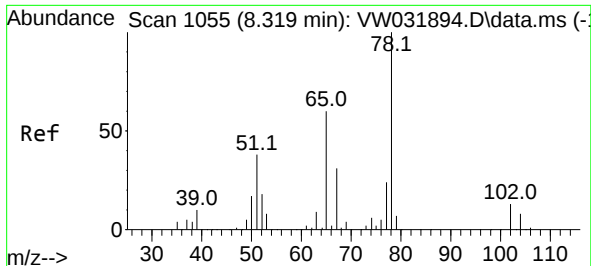
Tgt Ion: 56 Resp: 89959
Ion Ratio Lower Upper
56 100
69 37.4 26.7 40.1
84 91.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 18.805 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 97 Resp: 85597
Ion Ratio Lower Upper
97 100
99 65.1 53.0 79.4
61 44.9 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 50.222 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

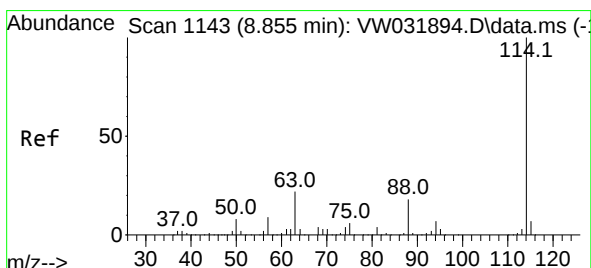
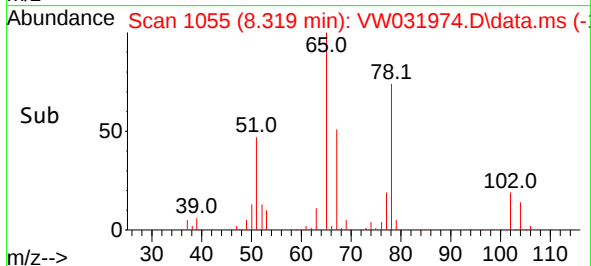
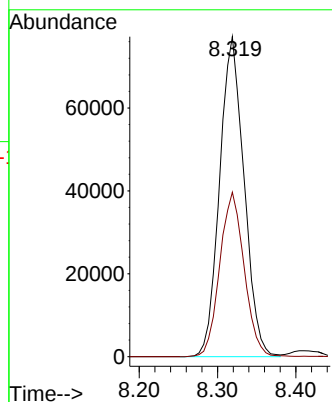
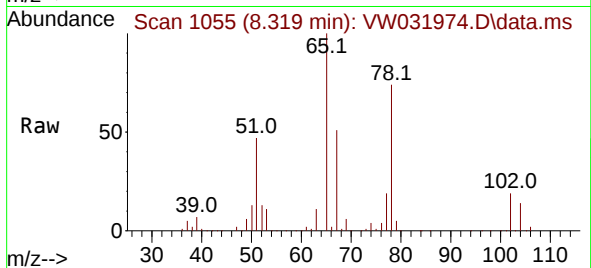
VW0801SBSD01

Tgt Ion: 65 Resp: 167609

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

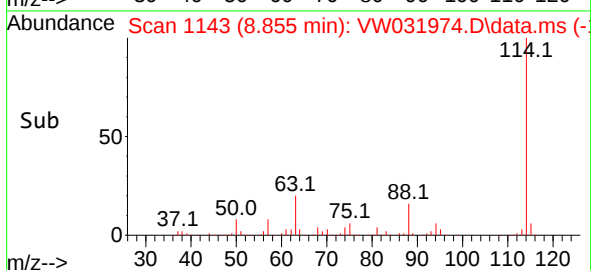
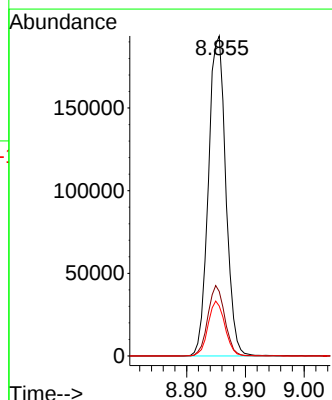
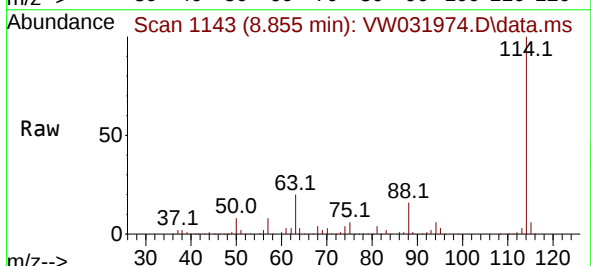
Tgt Ion: 114 Resp: 398144

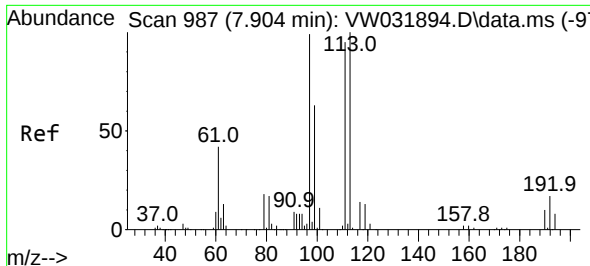
Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.2

88 15.6 0.0 35.6

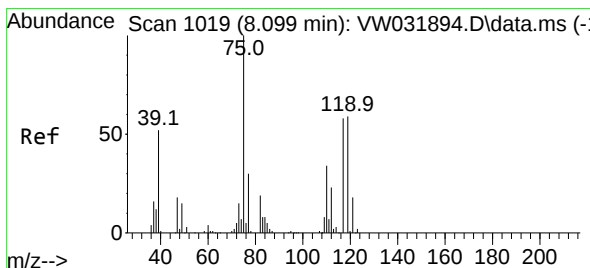
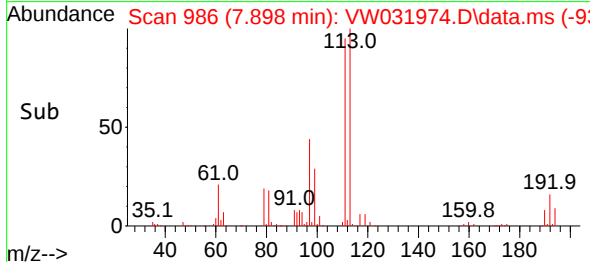
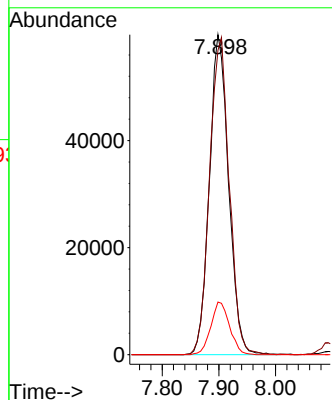
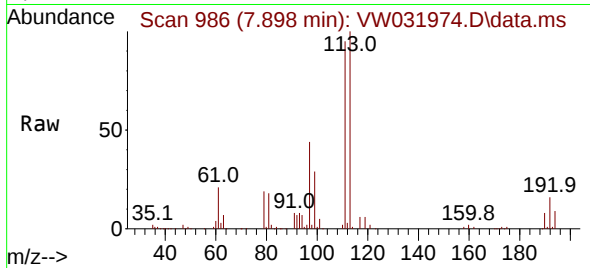




#35
Dibromofluoromethane
Concen: 52.118 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

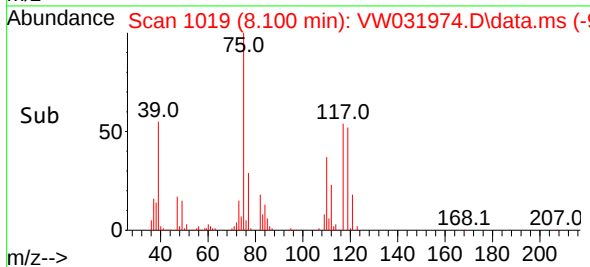
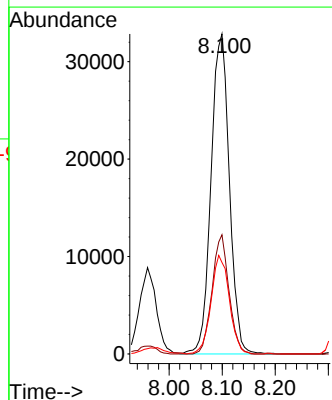
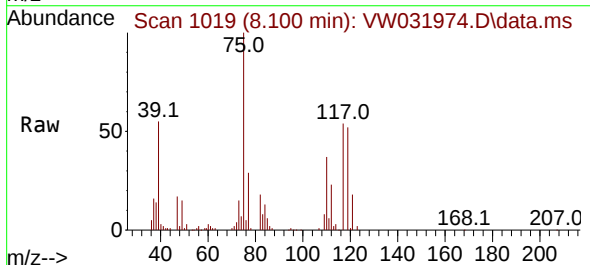
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

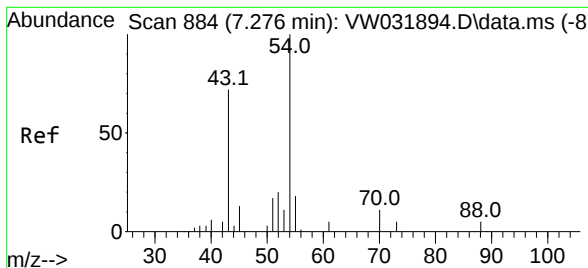
Tgt Ion:113 Resp: 141003
Ion Ratio Lower Upper
113 100
111 101.2 79.9 119.9
192 16.0 12.6 19.0



#36
1,1-Dichloropropene
Concen: 19.000 ug/l
RT: 8.100 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 75 Resp: 78940
Ion Ratio Lower Upper
75 100
110 34.4 17.0 50.9
77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 20.798 ug/l

RT: 7.276 min Scan# 884

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBSD01

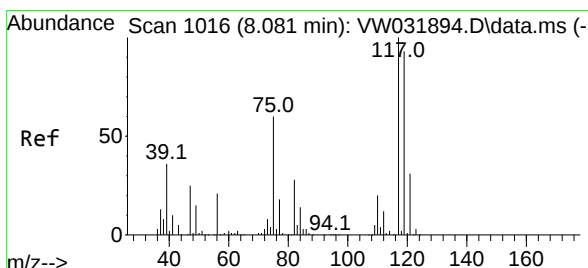
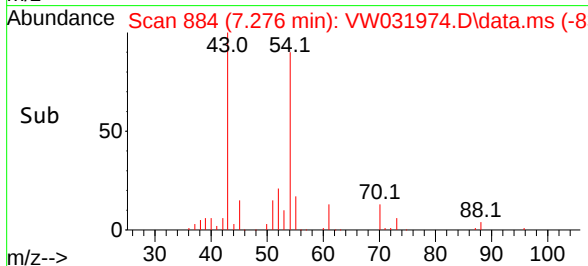
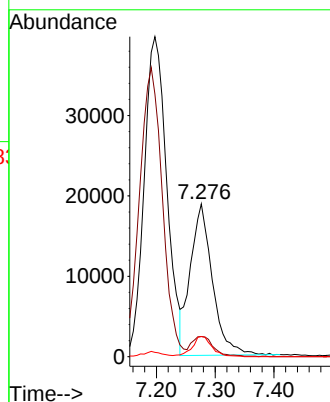
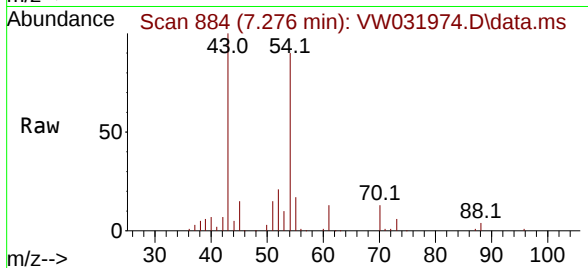
Tgt Ion: 43 Resp: 49293

Ion Ratio Lower Upper

43 100

61 13.1 10.6 15.8

70 12.0 9.0 13.4



#38

Carbon Tetrachloride

Concen: 19.620 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

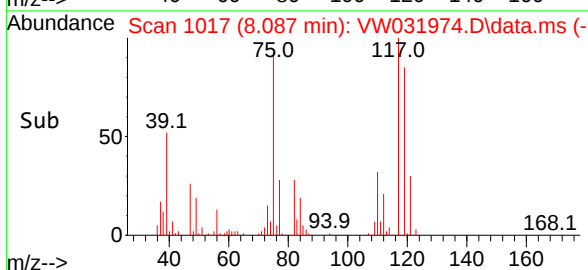
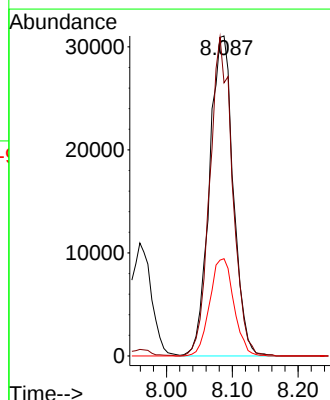
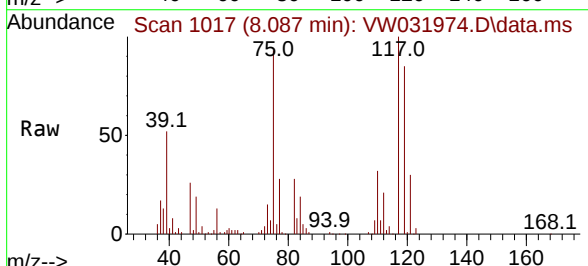
Tgt Ion: 117 Resp: 78235

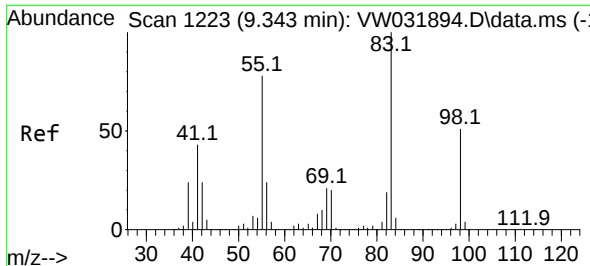
Ion Ratio Lower Upper

117 100

119 85.3 74.3 111.5

121 30.4 24.6 37.0





#39

Methylcyclohexane

Concen: 17.779 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBSD01

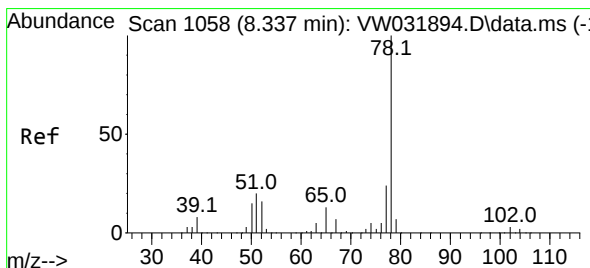
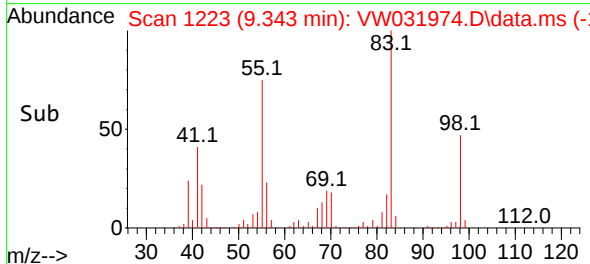
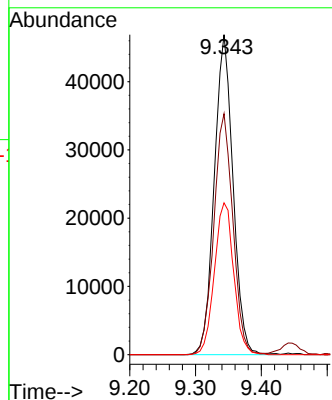
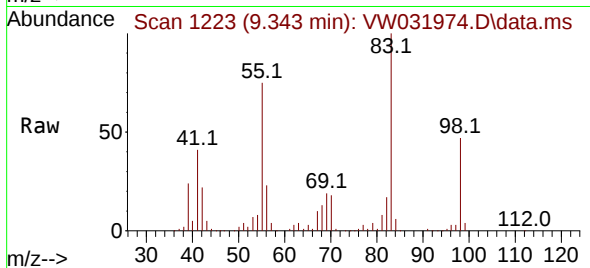
Tgt Ion: 83 Resp: 92958

Ion Ratio Lower Upper

83 100

55 75.3 62.5 93.7

98 47.5 40.6 61.0



#40

Benzene

Concen: 20.220 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031974.D

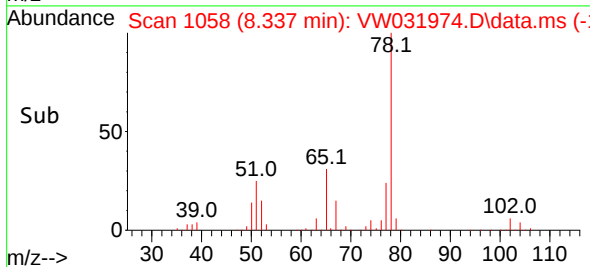
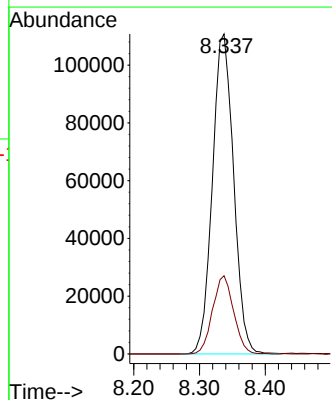
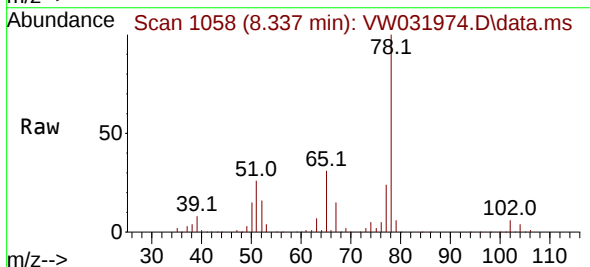
Acq: 01 Aug 2025 10:12

Tgt Ion: 78 Resp: 248680

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9

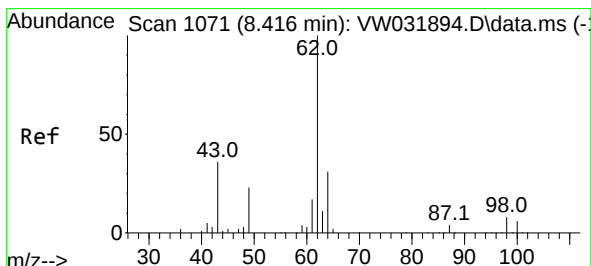
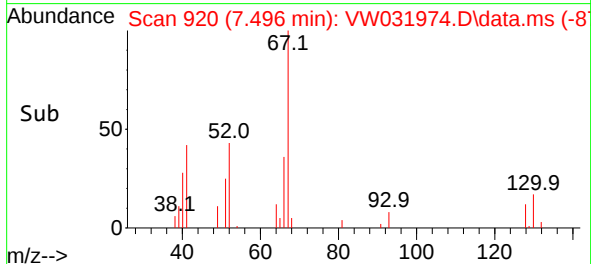
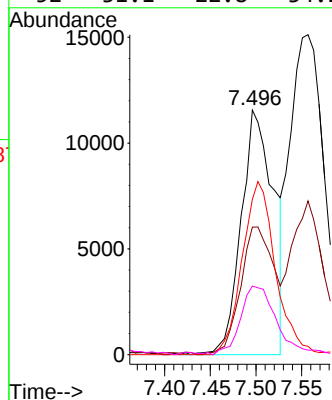
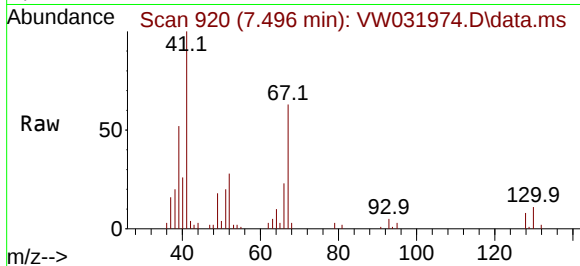




#41
Methacrylonitrile
Concen: 20.106 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

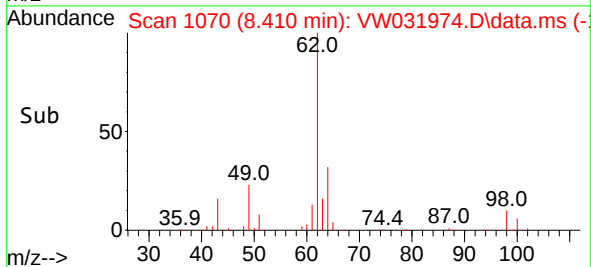
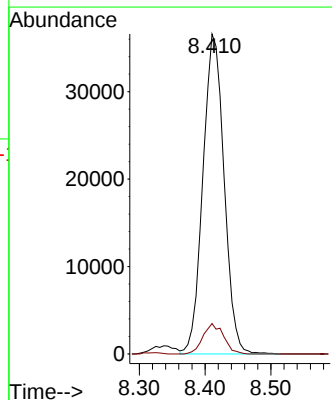
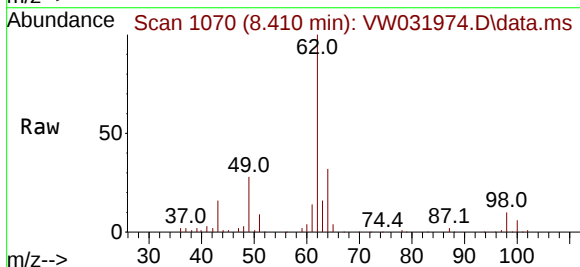
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

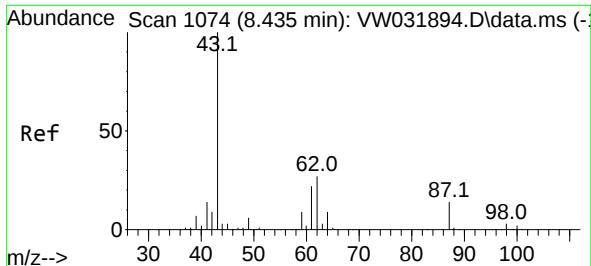
Tgt Ion:	41	Resp:	28527
Ion	Ratio	Lower	Upper
41	100		
39	53.9	41.1	61.7
67	72.5	56.2	84.4
52	31.1	22.8	34.2



#42
1,2-Dichloroethane
Concen: 20.856 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion:	62	Resp:	82094
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2

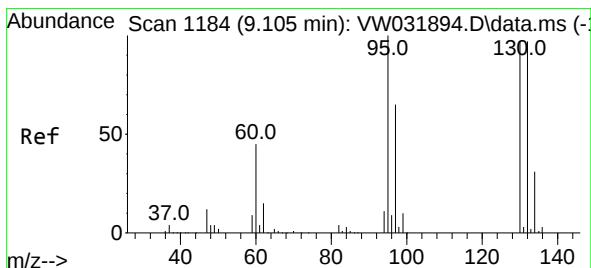
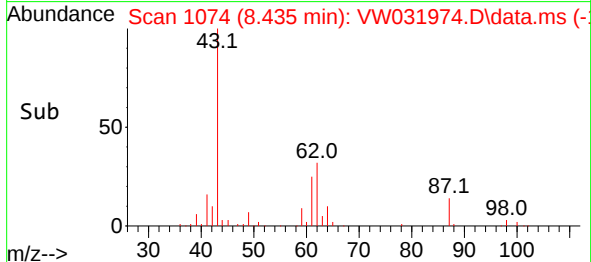
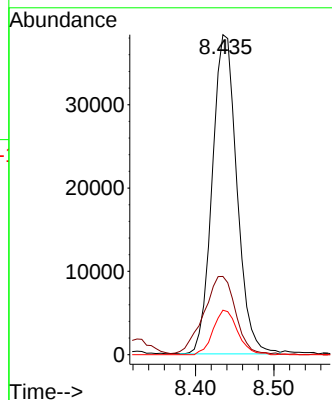
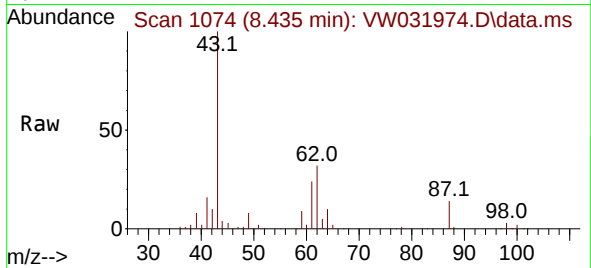




#43
Isopropyl Acetate
Concen: 19.559 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

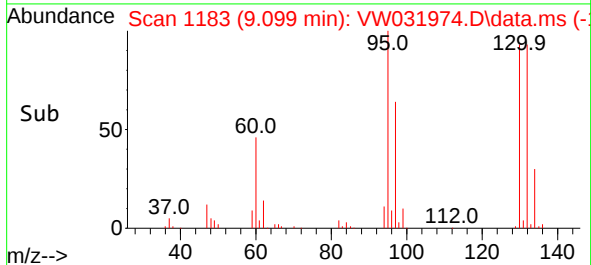
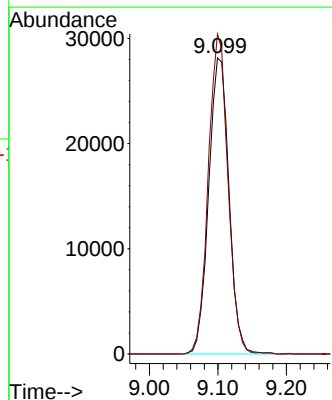
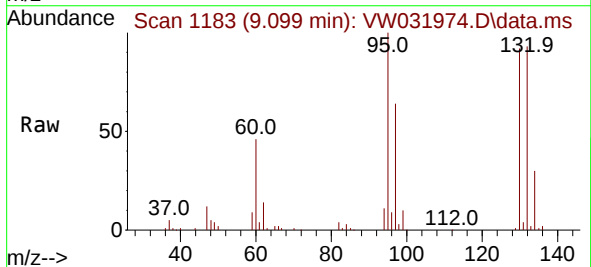
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

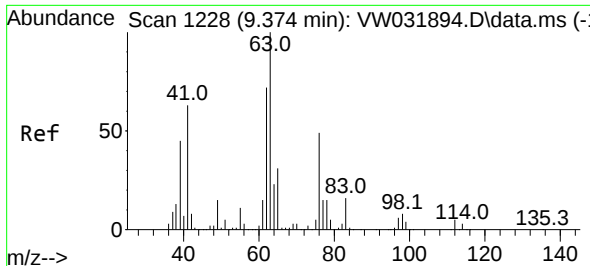
Tgt Ion: 43 Resp: 83921
Ion Ratio Lower Upper
43 100
61 32.0 24.0 36.0
87 13.8 11.1 16.7



#44
Trichloroethene
Concen: 19.806 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 130 Resp: 57900
Ion Ratio Lower Upper
130 100
95 108.1 0.0 206.4

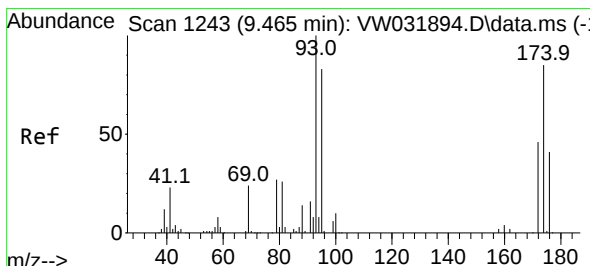
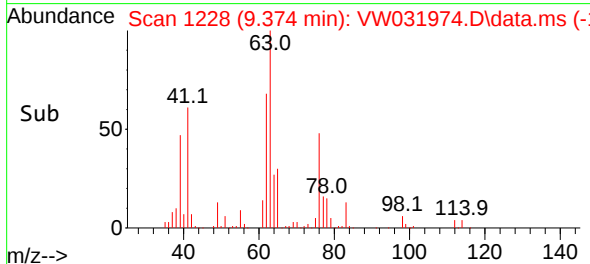
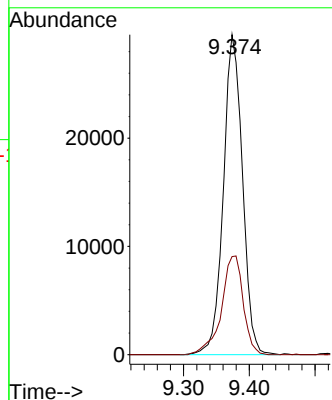
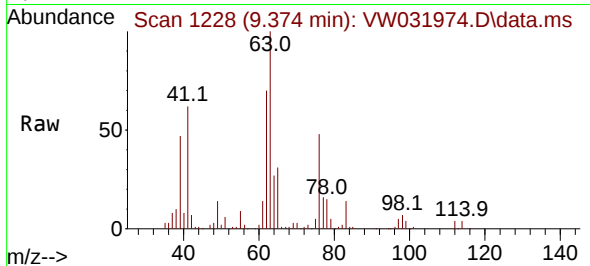




#45
1,2-Dichloropropane
Concen: 20.185 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

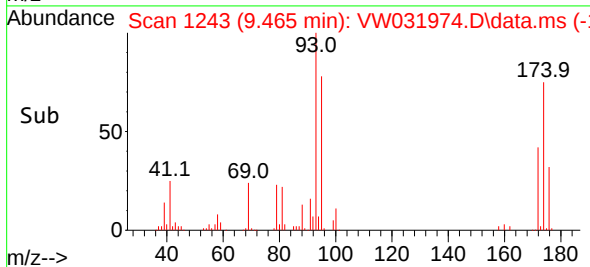
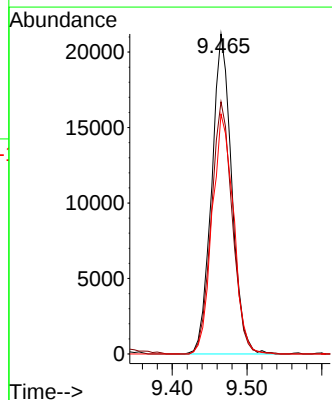
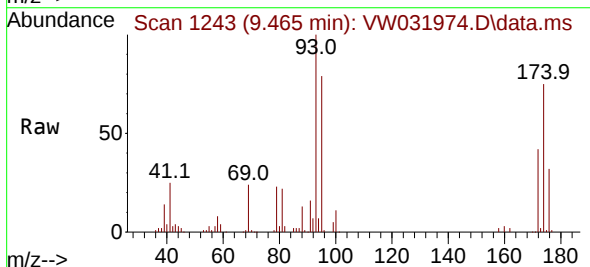
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

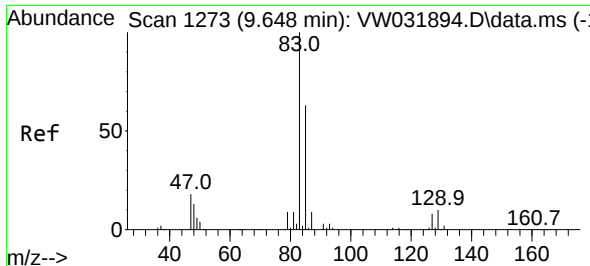
Tgt Ion: 63 Resp: 59790
Ion Ratio Lower Upper
63 100
65 30.6 25.0 37.4



#46
Dibromomethane
Concen: 21.552 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 93 Resp: 39572
Ion Ratio Lower Upper
93 100
95 82.3 65.8 98.6
174 79.8 70.2 105.2

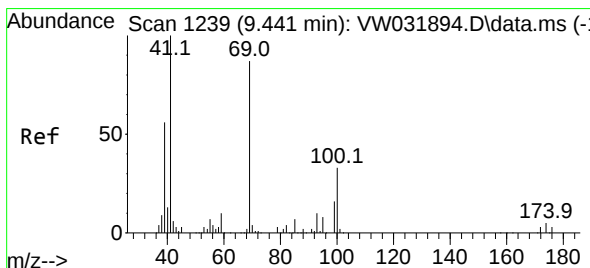
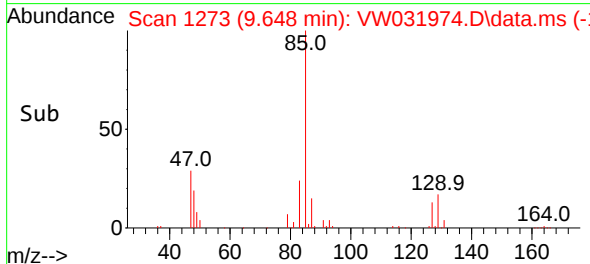
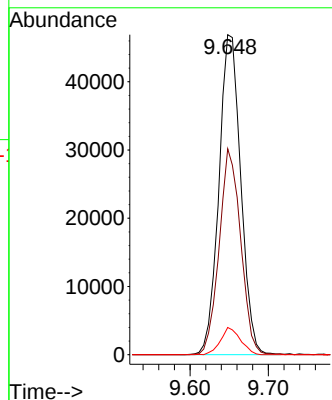
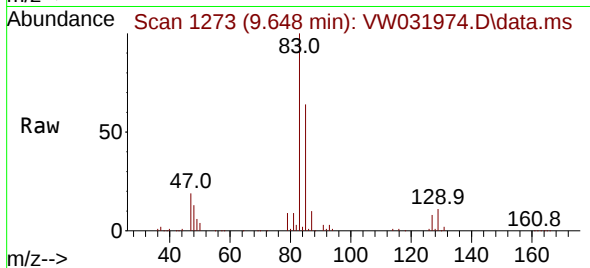




#47
Bromodichloromethane
Concen: 20.666 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

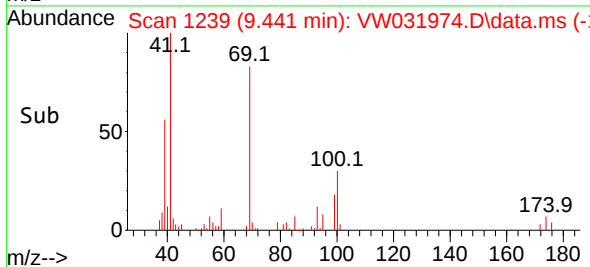
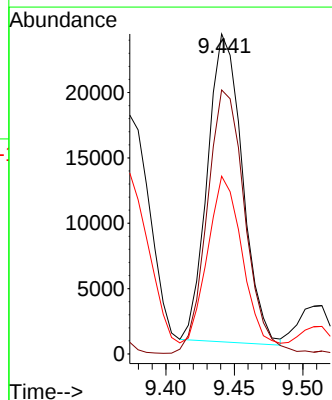
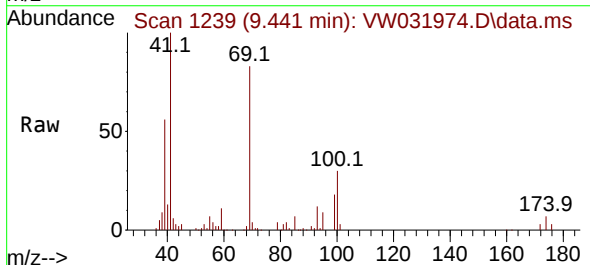
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

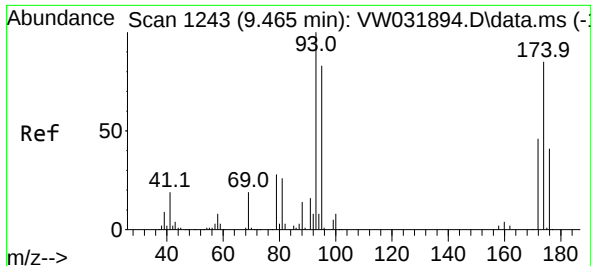
Tgt Ion: 83 Resp: 90989
Ion Ratio Lower Upper
83 100
85 64.4 50.6 76.0
127 8.5 6.5 9.7



#48
Methyl methacrylate
Concen: 20.436 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 41 Resp: 41717
Ion Ratio Lower Upper
41 100
69 93.6 73.6 110.4
39 53.6 45.5 68.3





#49

1,4-Dioxane

Concen: 514.860 ug/l

RT: 9.471 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBSD01

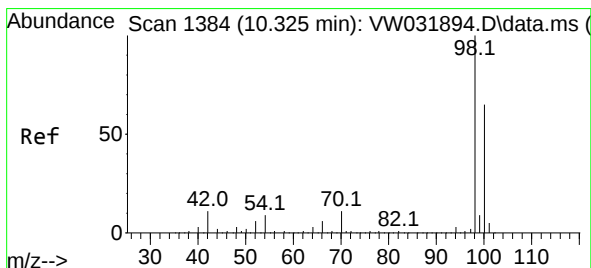
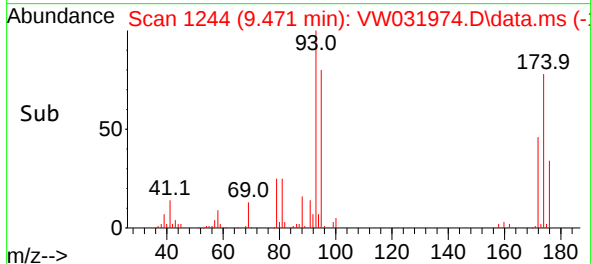
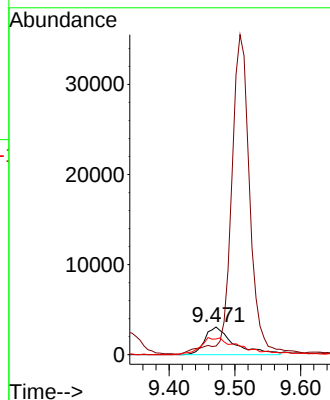
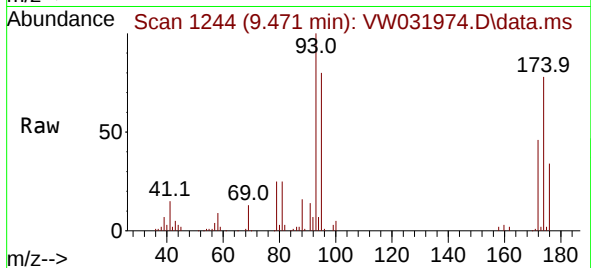
Tgt Ion: 88 Resp: 9433

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 87.6 58.2 87.2#



#50

Toluene-d8

Concen: 51.534 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031974.D

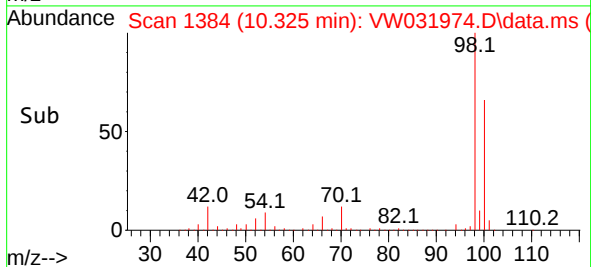
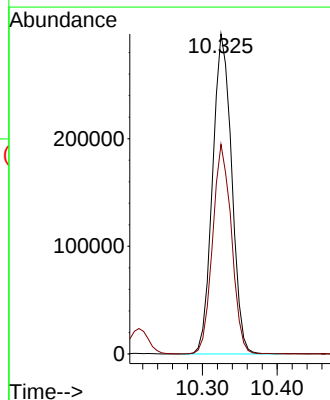
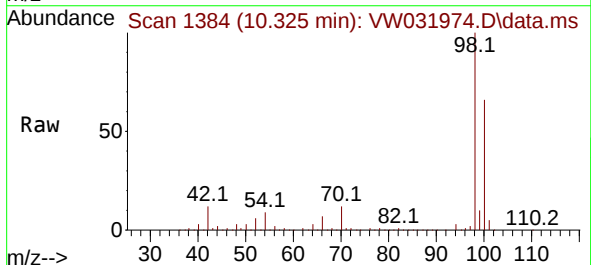
Acq: 01 Aug 2025 10:12

Tgt Ion: 98 Resp: 527673

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5

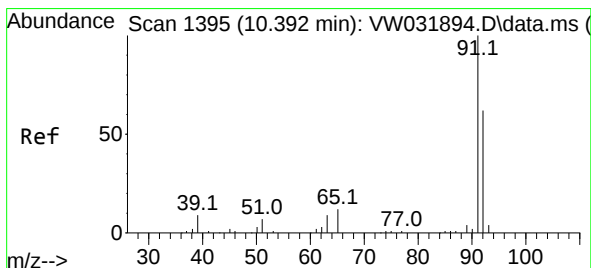
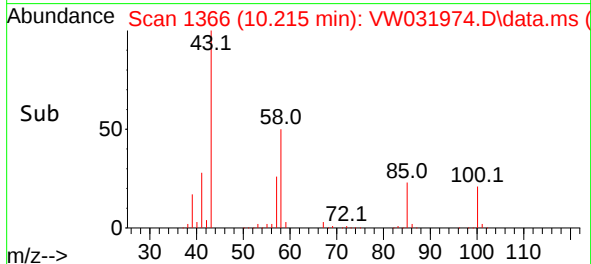
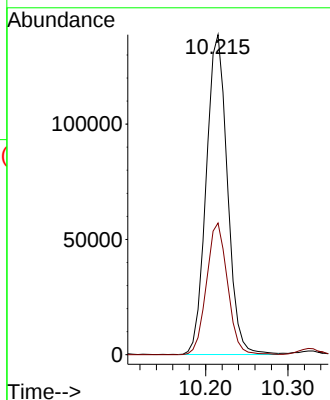
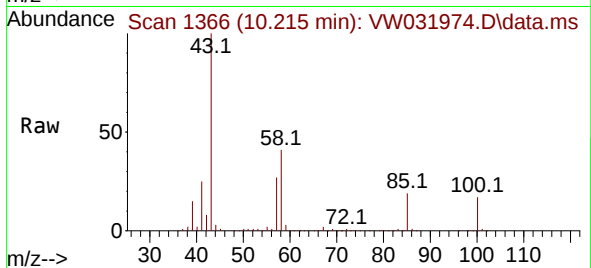




#51
4-Methyl-2-Pentanone
Concen: 105.754 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

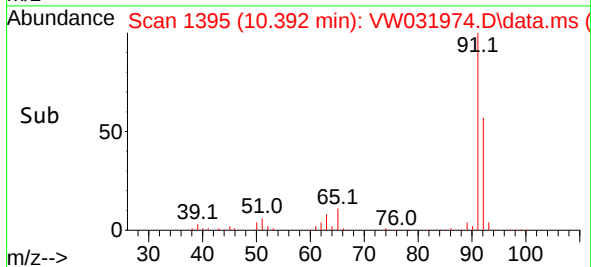
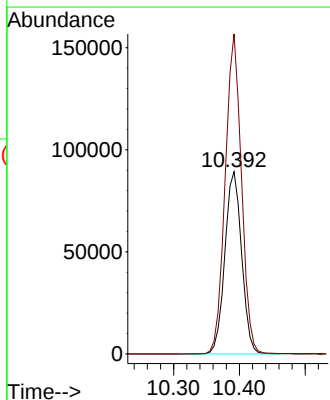
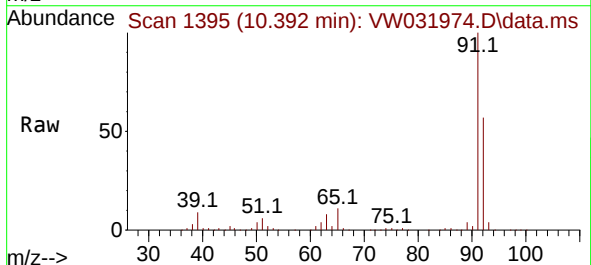
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

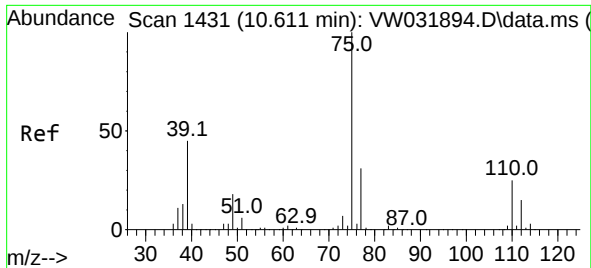
Tgt Ion: 43 Resp: 248332
Ion Ratio Lower Upper
43 100
58 40.9 32.8 49.2



#52
Toluene
Concen: 20.026 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 92 Resp: 158330
Ion Ratio Lower Upper
92 100
91 170.4 133.7 200.5

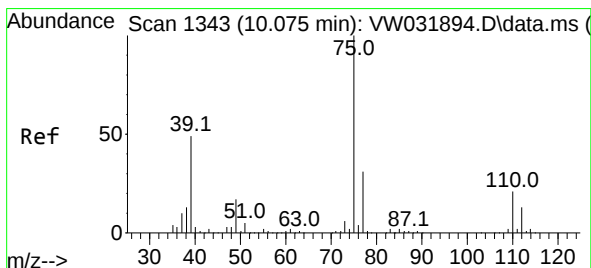
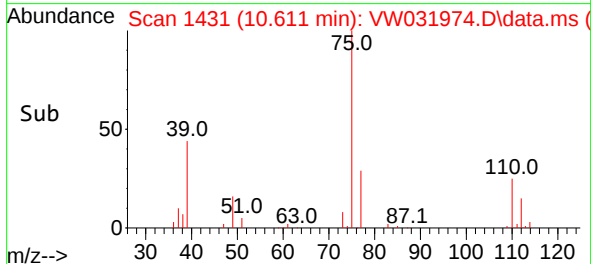
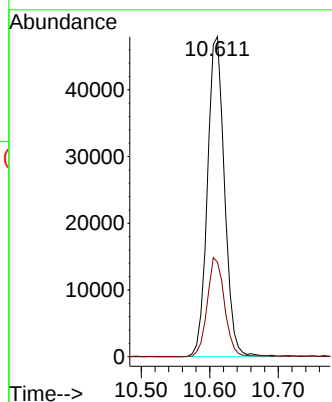
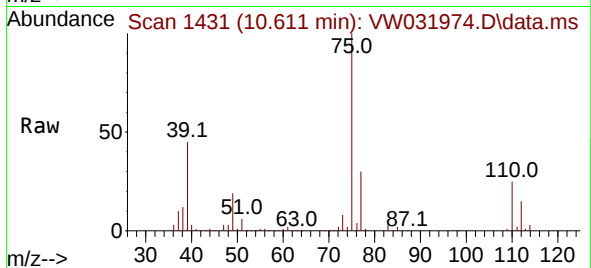




#53
 t-1,3-Dichloropropene
 Concen: 19.686 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW031974.D
 Acq: 01 Aug 2025 10:12

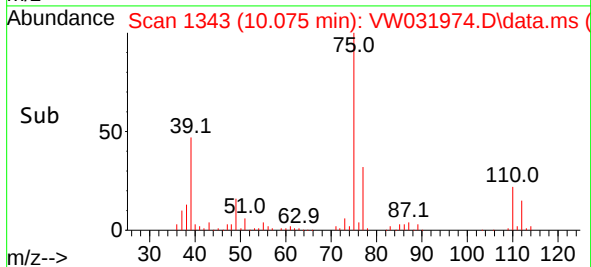
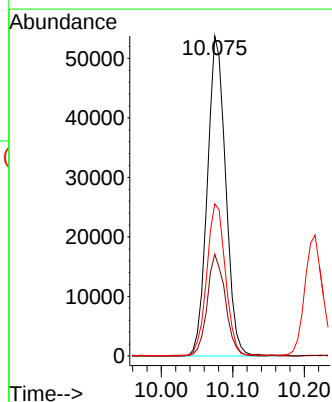
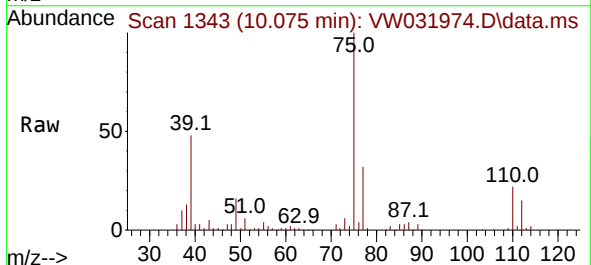
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0801SBS01

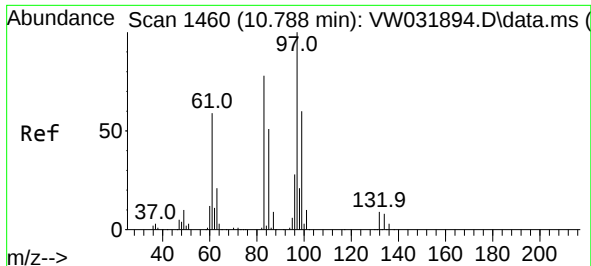
Tgt Ion: 75 Resp: 83143
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.835 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031974.D
 Acq: 01 Aug 2025 10:12

Tgt Ion: 75 Resp: 95666
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.5 36.7
 39 47.3 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 21.564 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBSD01

Tgt Ion: 97 Resp: 52594

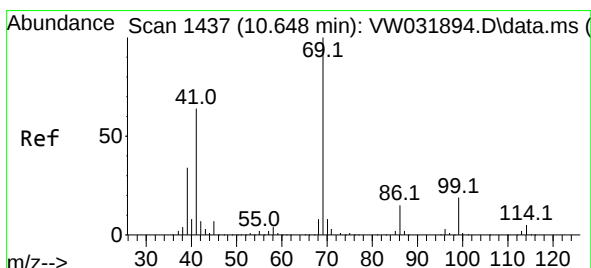
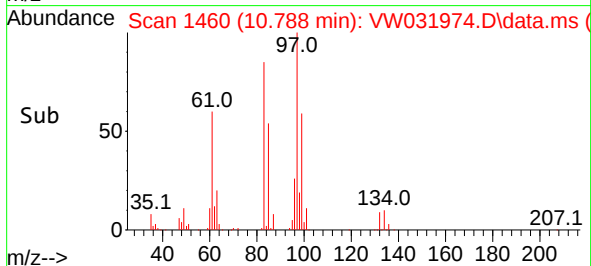
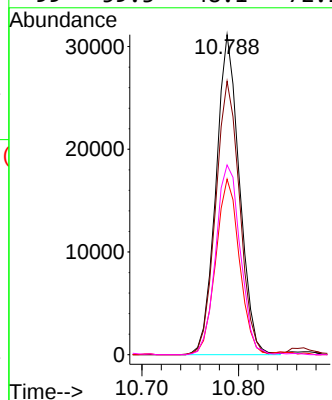
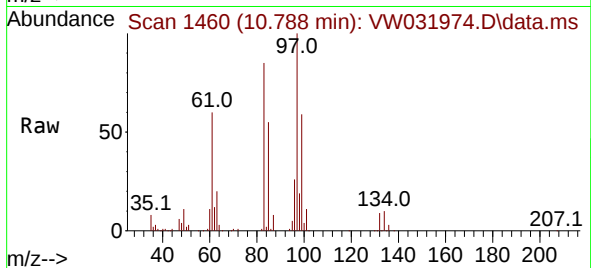
Ion Ratio Lower Upper

97 100

83 85.4 62.4 93.6

85 54.8 41.0 61.6

99 59.3 48.1 72.1



#56

Ethyl methacrylate

Concen: 20.271 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

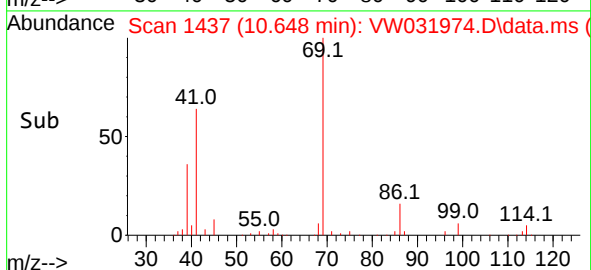
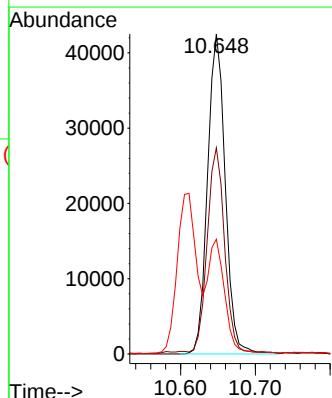
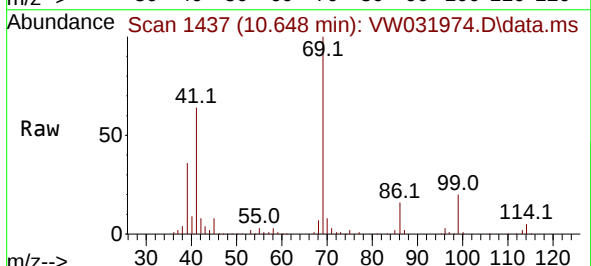
Tgt Ion: 69 Resp: 69824

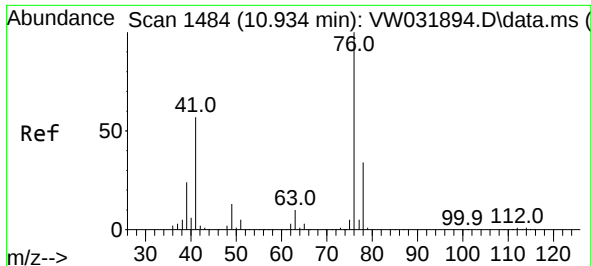
Ion Ratio Lower Upper

69 100

41 64.6 52.0 78.0

39 32.8 26.6 40.0





#57

1,3-Dichloropropane

Concen: 21.348 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

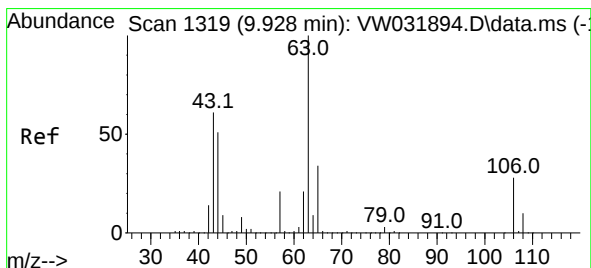
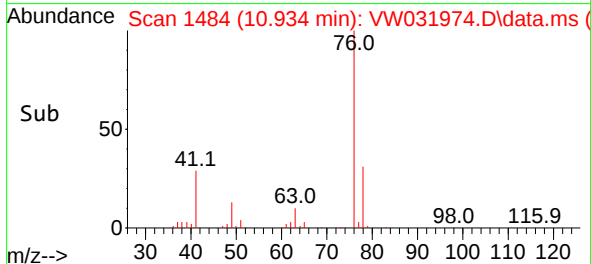
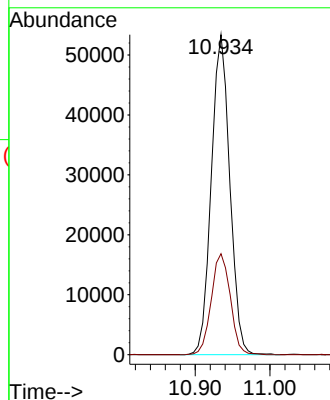
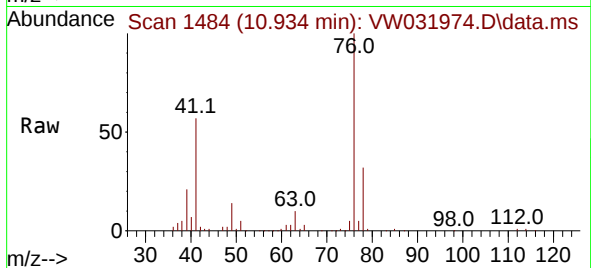
VW0801SBSD01

Tgt Ion: 76 Resp: 91728

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 65.630 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031974.D

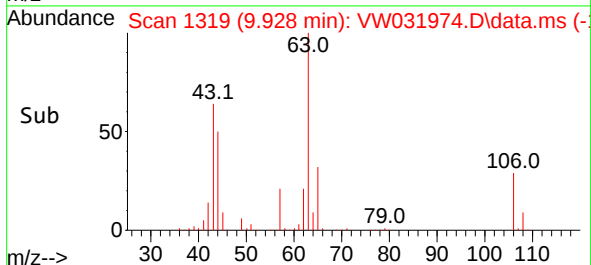
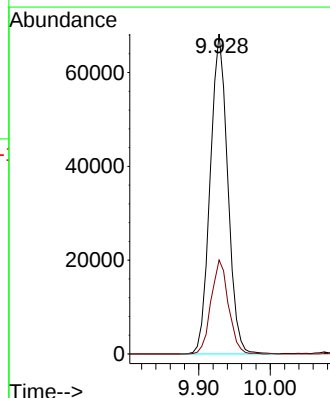
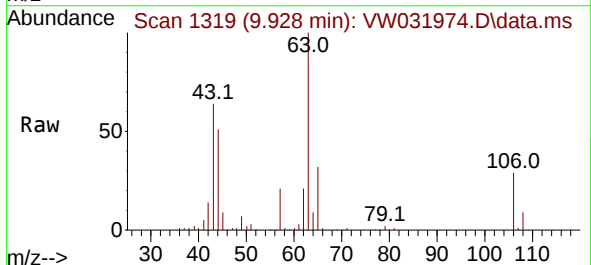
Acq: 01 Aug 2025 10:12

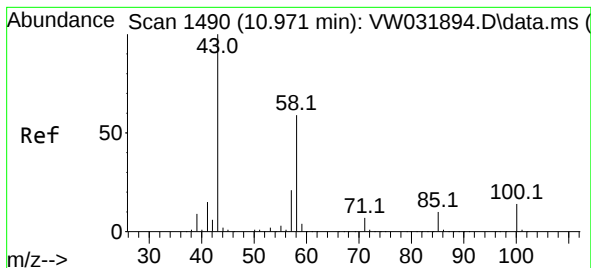
Tgt Ion: 63 Resp: 116121

Ion Ratio Lower Upper

63 100

106 29.1 22.7 34.1

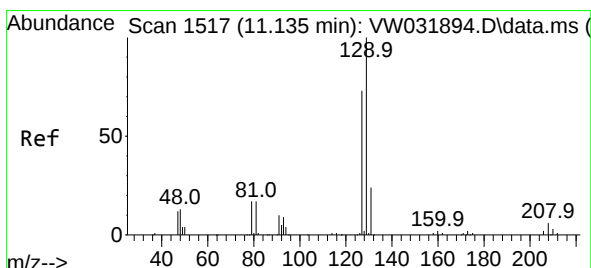
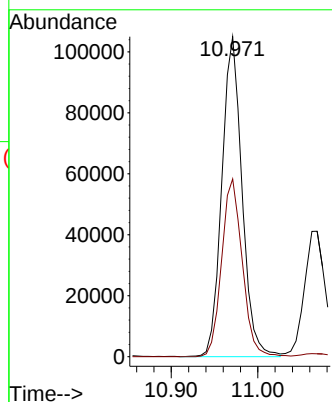
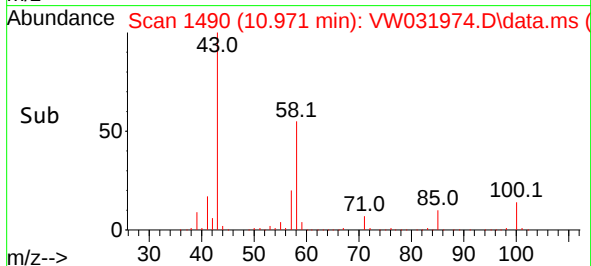
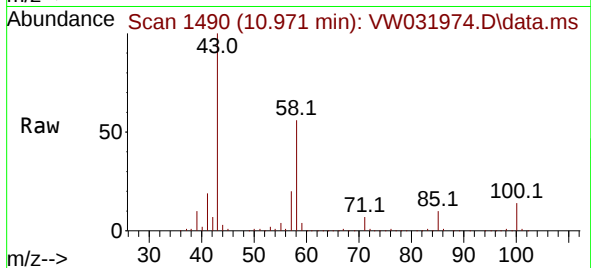




#59
2-Hexanone
Concen: 104.203 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

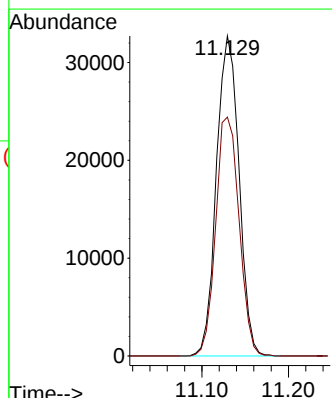
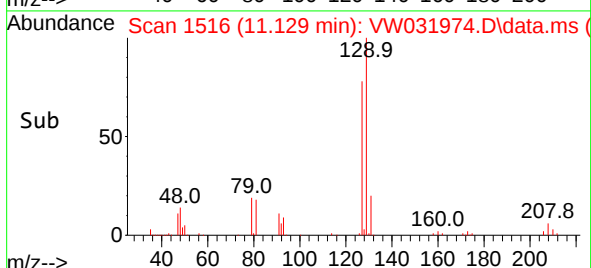
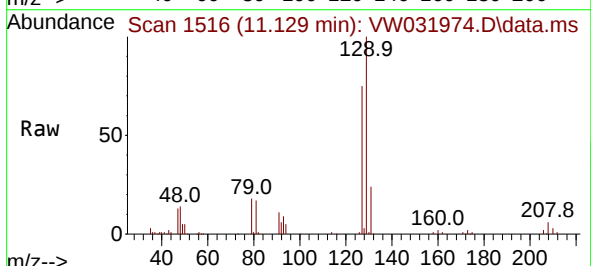
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

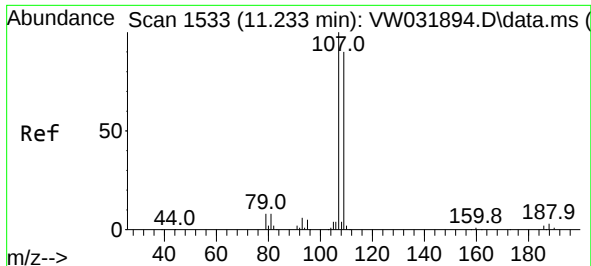
Tgt Ion: 43 Resp: 170083
Ion Ratio Lower Upper
43 100
58 56.6 28.5 85.6



#60
Dibromochloromethane
Concen: 20.836 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion:129 Resp: 59250
Ion Ratio Lower Upper
129 100
127 77.3 39.6 118.8

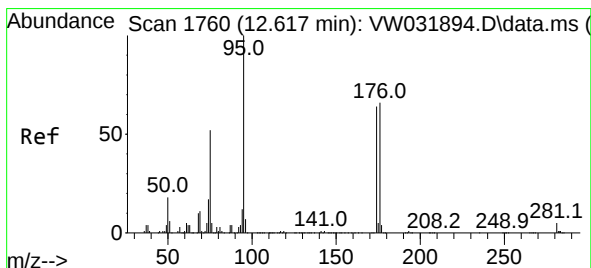
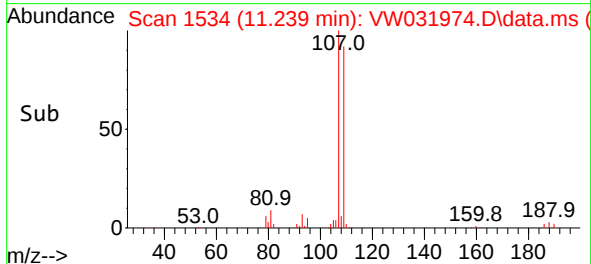
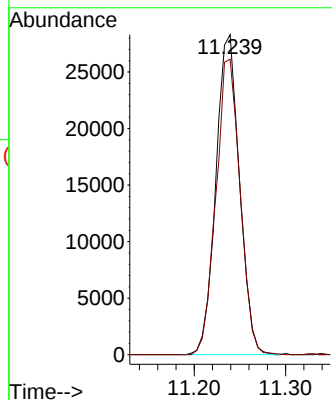
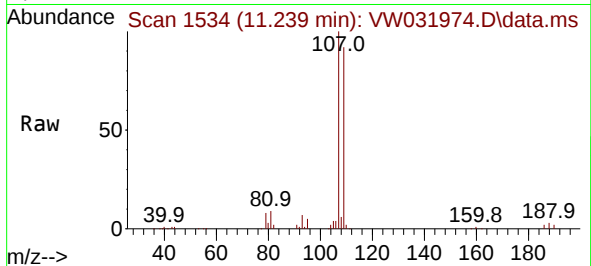




#61
1,2-Dibromoethane
Concen: 21.052 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

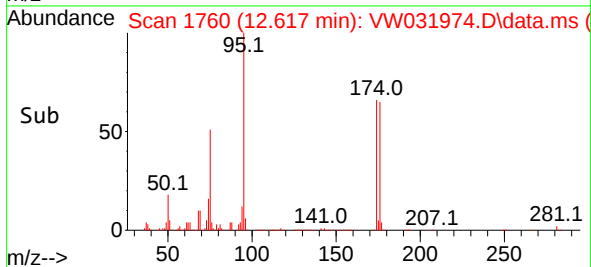
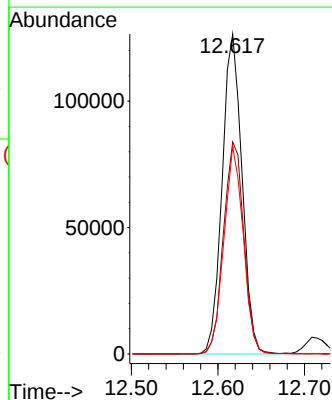
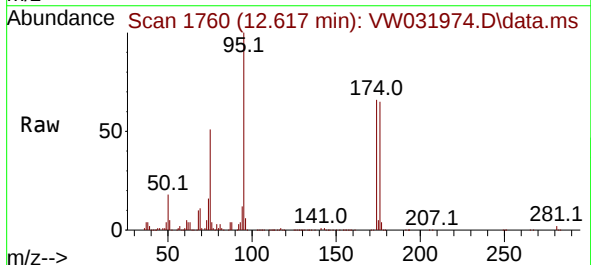
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

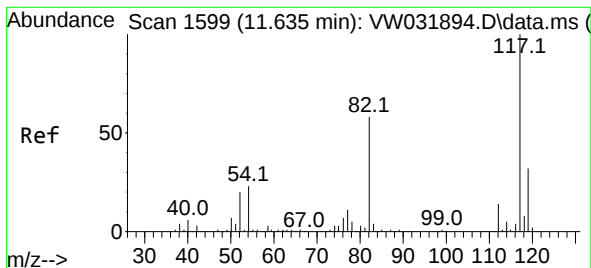
Tgt Ion:107 Resp: 50736
Ion Ratio Lower Upper
107 100
109 94.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.243 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 95 Resp: 201472
Ion Ratio Lower Upper
95 100
174 67.9 0.0 129.8
176 63.6 0.0 130.4

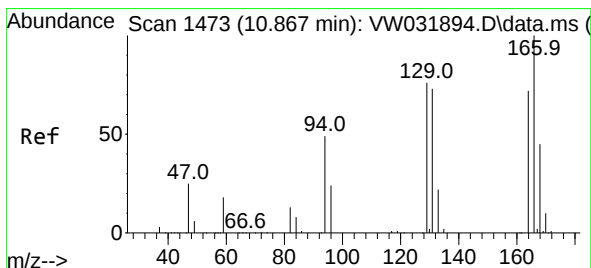
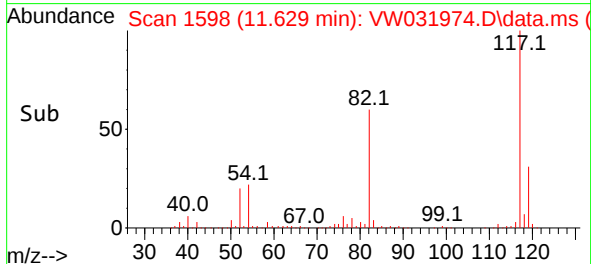
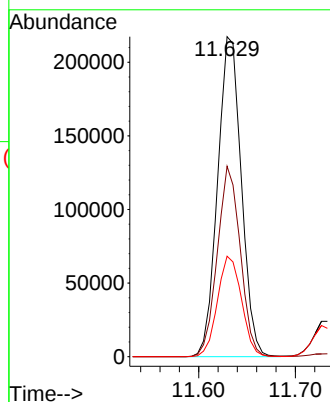
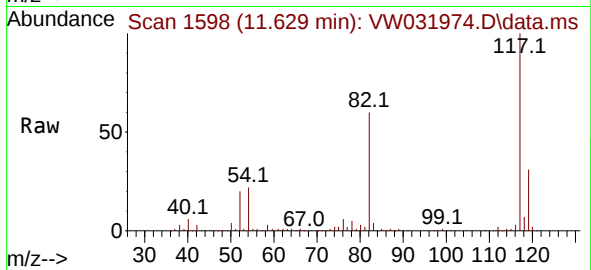




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

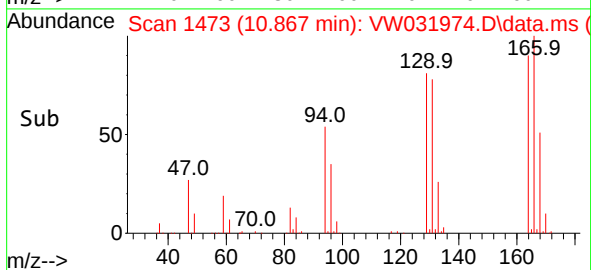
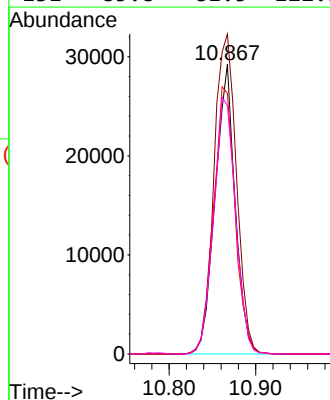
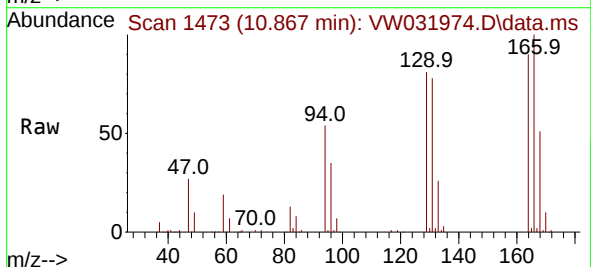
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

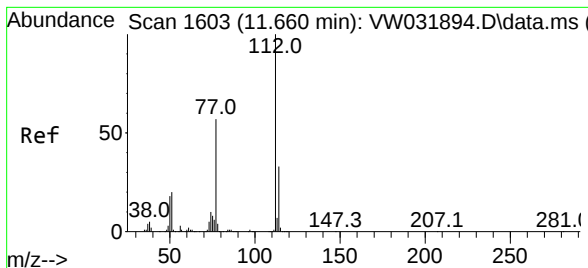
Tgt Ion:117 Resp: 370224
Ion Ratio Lower Upper
117 100
82 59.5 46.5 69.7
119 31.4 25.8 38.6



#64
Tetrachloroethene
Concen: 19.202 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion:164 Resp: 46870
Ion Ratio Lower Upper
164 100
166 110.5 111.5 167.3#
129 90.0 85.1 127.7
131 85.8 81.5 122.3





#65

Chlorobenzene

Concen: 19.442 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

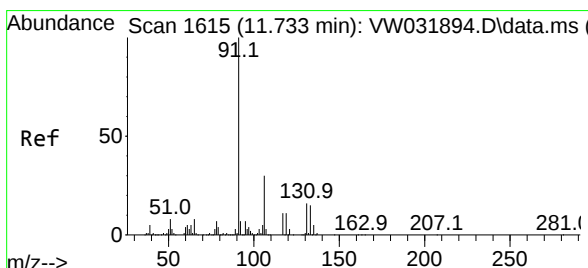
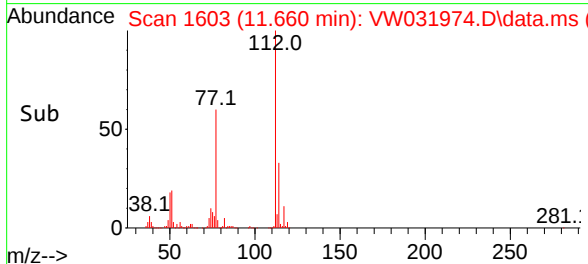
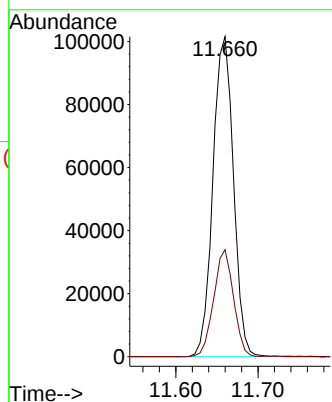
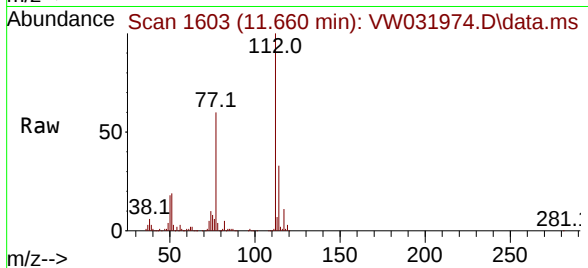
VW0801SBSD01

Tgt Ion:112 Resp: 176168

Ion Ratio Lower Upper

112 100

114 33.5 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 19.674 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

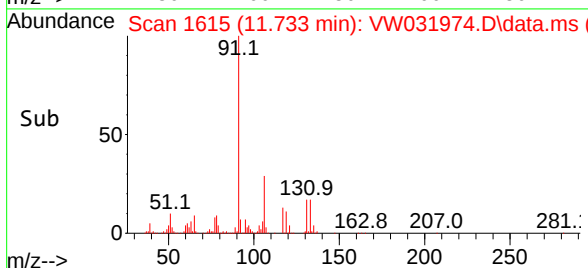
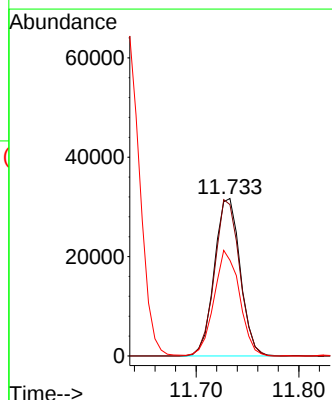
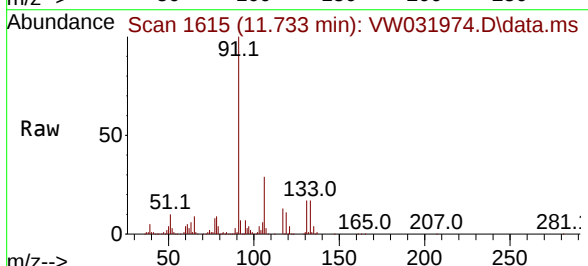
Tgt Ion:131 Resp: 55265

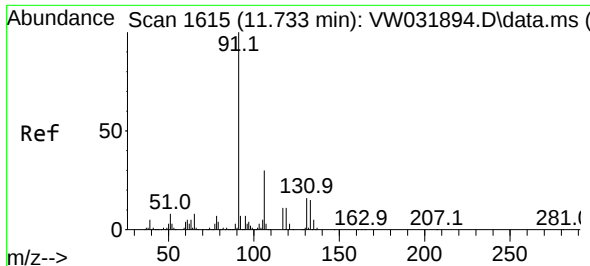
Ion Ratio Lower Upper

131 100

133 97.3 48.1 144.4

119 66.4 33.7 101.1

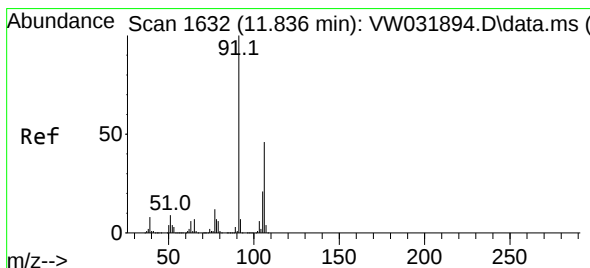
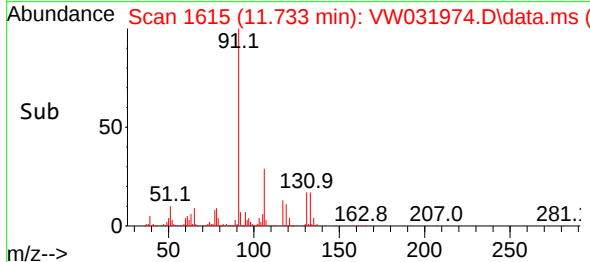
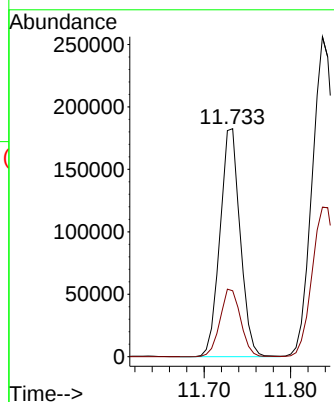
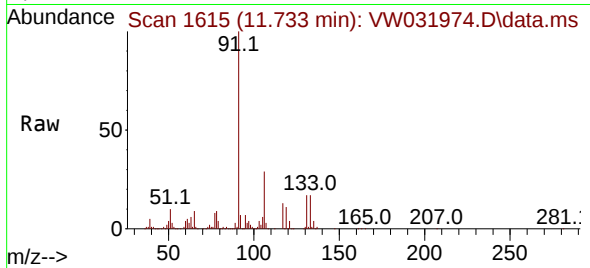




#67
Ethyl Benzene
Concen: 18.579 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

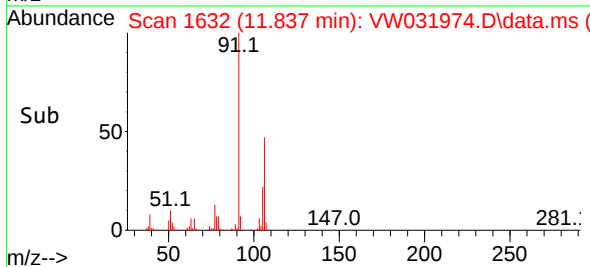
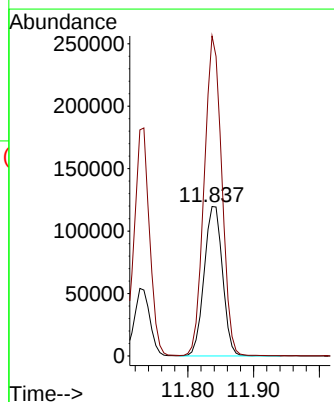
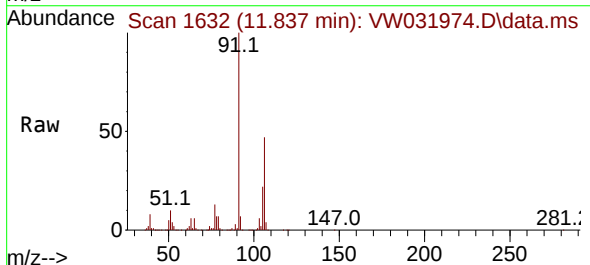
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

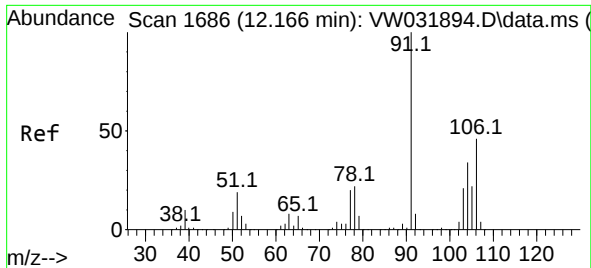
Tgt Ion: 91 Resp: 295776
Ion Ratio Lower Upper
91 100
106 28.9 23.8 35.6



#68
m/p-Xylenes
Concen: 38.752 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion:106 Resp: 232252
Ion Ratio Lower Upper
106 100
91 205.4 167.7 251.5

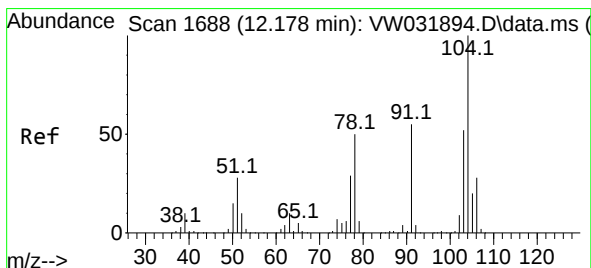
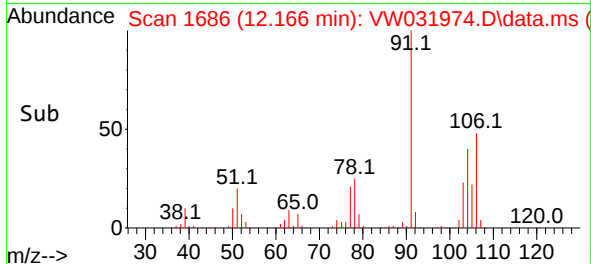
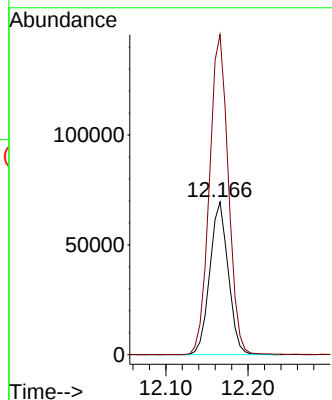
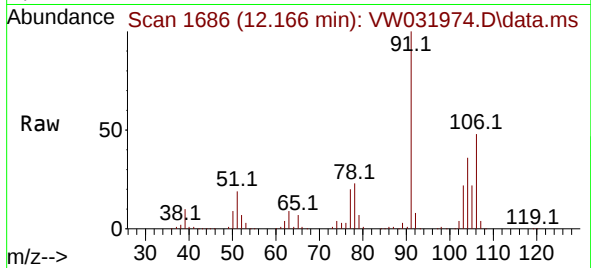




#69
o-Xylene
Concen: 19.082 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

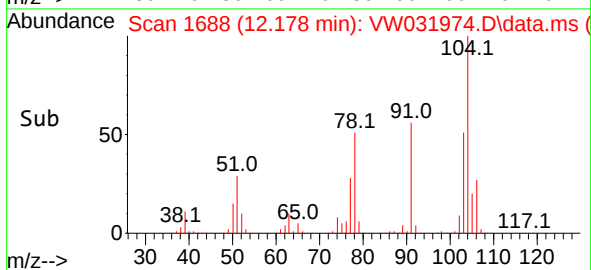
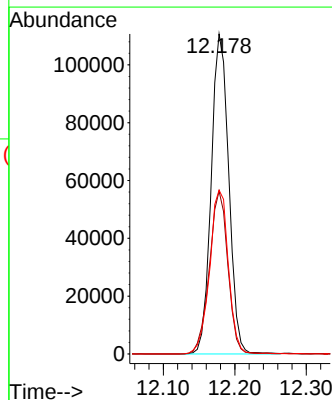
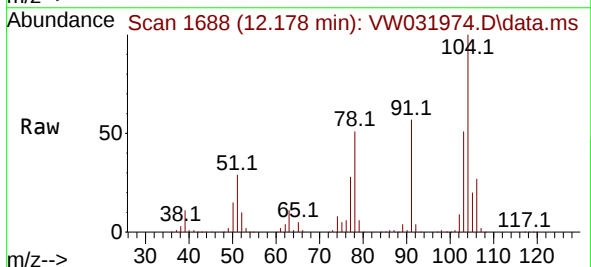
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

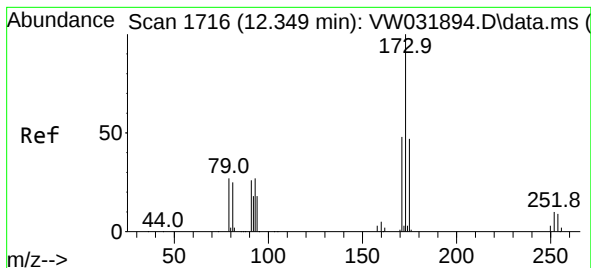
Tgt Ion:106 Resp: 108231
Ion Ratio Lower Upper
106 100
91 215.9 108.2 324.6



#70
Styrene
Concen: 19.523 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion:104 Resp: 188534
Ion Ratio Lower Upper
104 100
78 53.6 42.2 63.4
103 54.9 42.8 64.2





#71

Bromoform

Concen: 20.378 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBS01

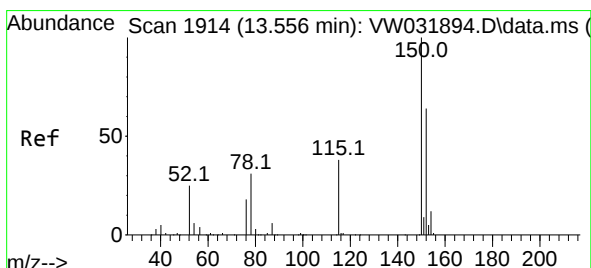
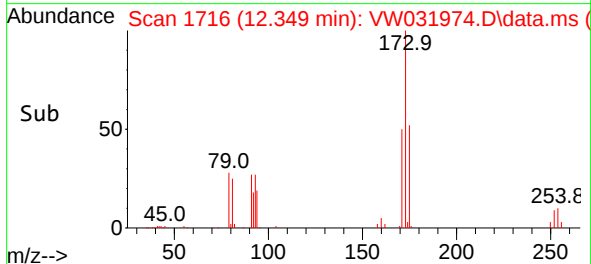
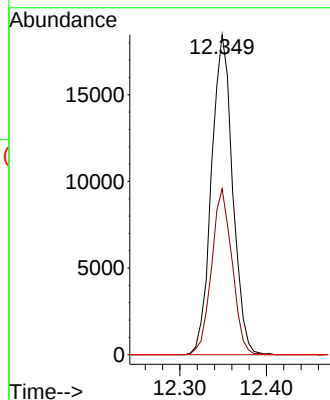
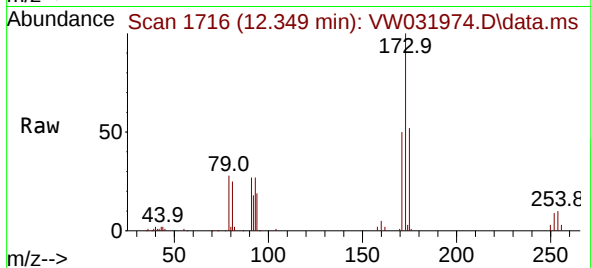
Tgt Ion:173 Resp: 31306

Ion Ratio Lower Upper

173 100

175 50.2 24.5 73.5

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

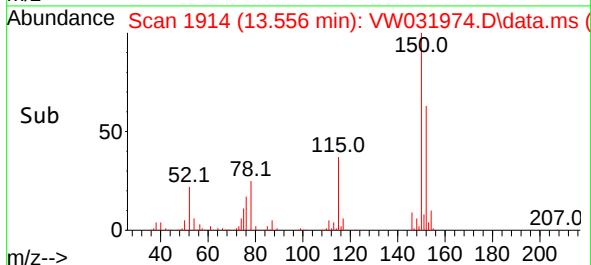
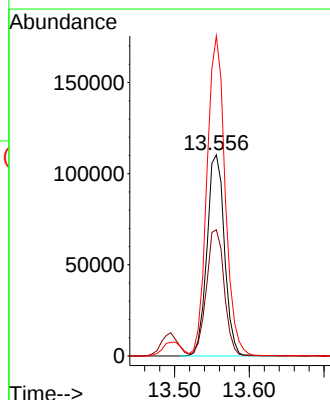
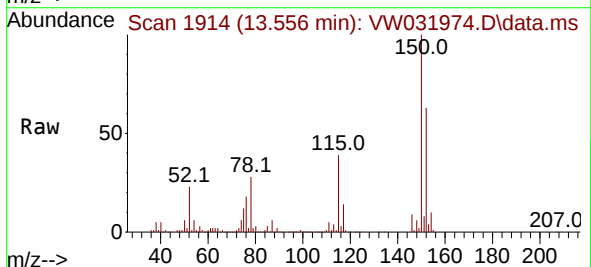
Tgt Ion:152 Resp: 179082

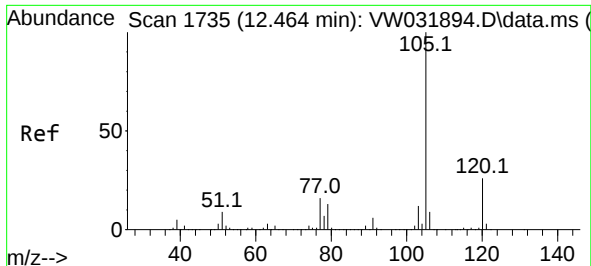
Ion Ratio Lower Upper

152 100

115 64.4 33.4 100.1

150 165.2 0.0 352.2

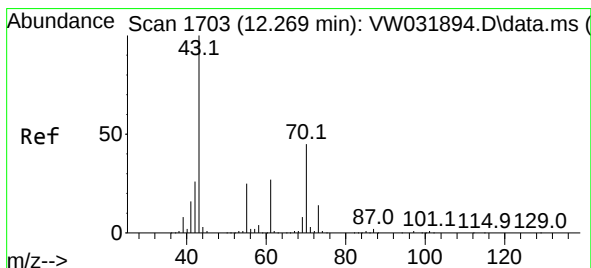
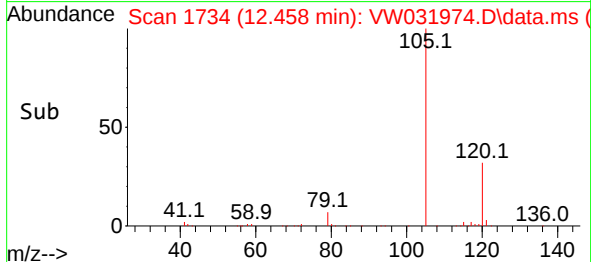
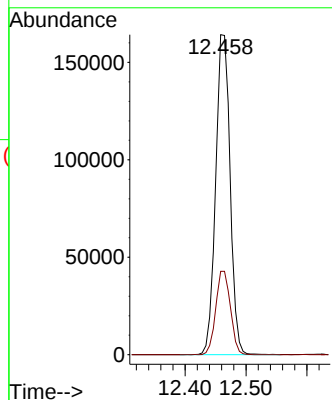
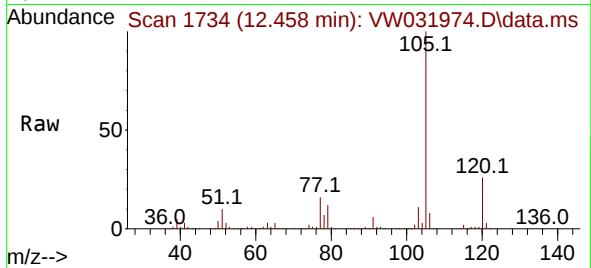




#73
Isopropylbenzene
Concen: 17.378 ug/l
RT: 12.458 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

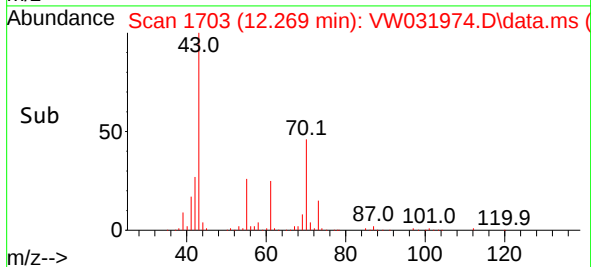
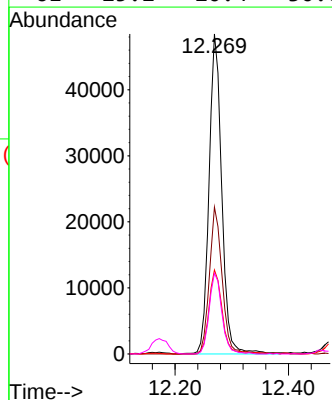
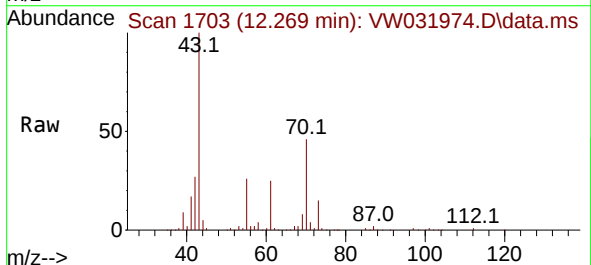
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

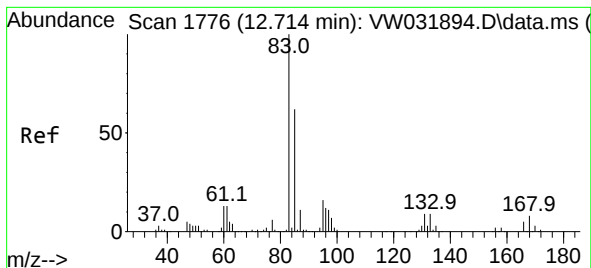
Tgt Ion:105 Resp: 270032
Ion Ratio Lower Upper
105 100
120 26.5 12.6 37.8



#74
N-ethyl acetate
Concen: 17.998 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 43 Resp: 75603
Ion Ratio Lower Upper
43 100
70 45.9 36.6 55.0
55 27.7 20.7 31.1
61 25.2 20.4 30.6

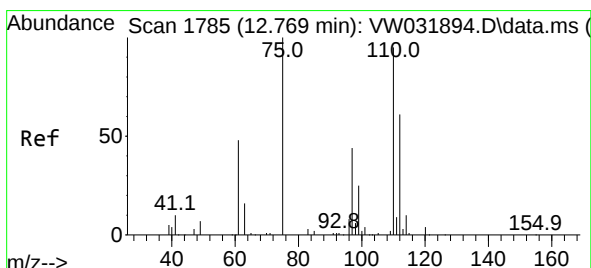
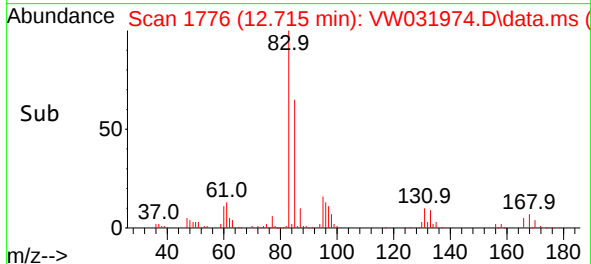
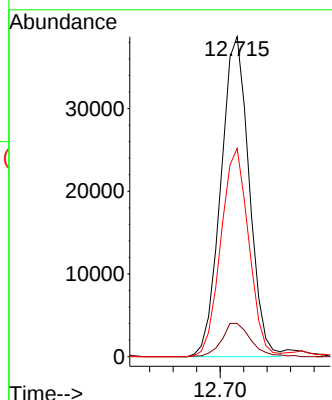
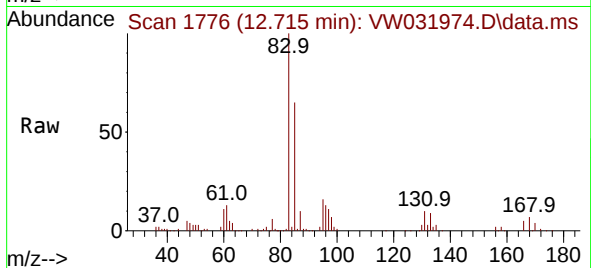




#75
1,1,2,2-Tetrachloroethane
Concen: 19.587 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

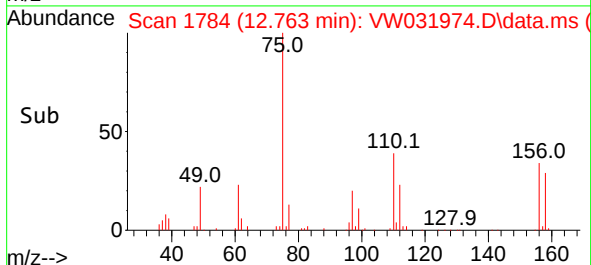
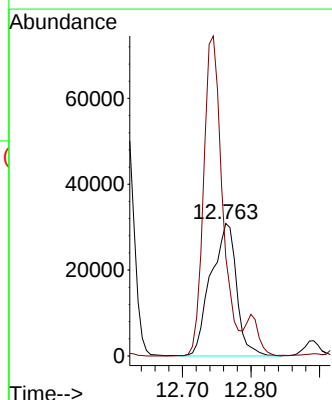
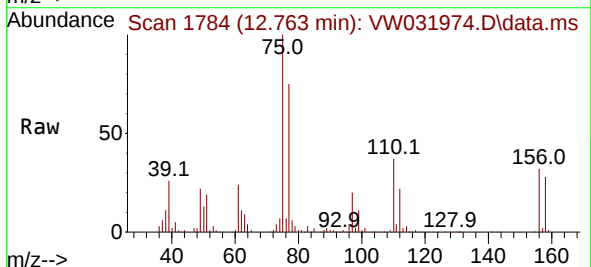
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

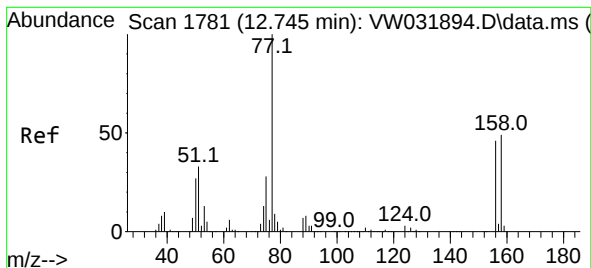
Tgt Ion: 83 Resp: 64603
Ion Ratio Lower Upper
83 100
131 10.8 5.0 15.0
85 64.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 32.508 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 75 Resp: 80375
Ion Ratio Lower Upper
75 100
77 178.7 0.0 0.0#





#77

Bromobenzene

Concen: 18.749 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBSD01

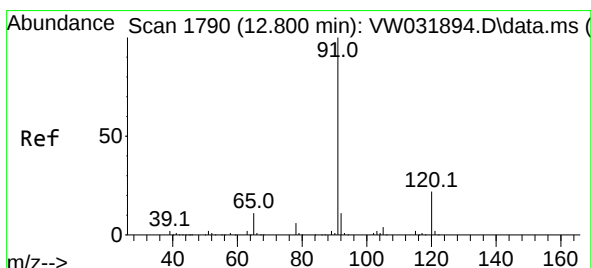
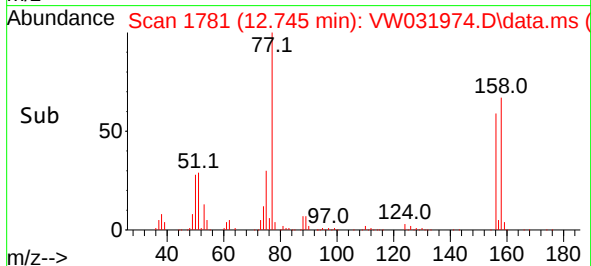
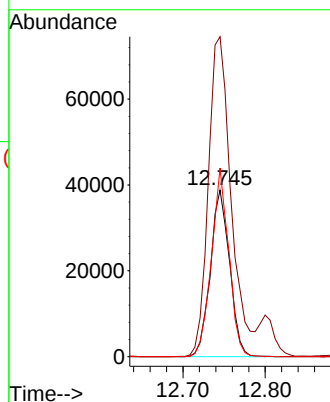
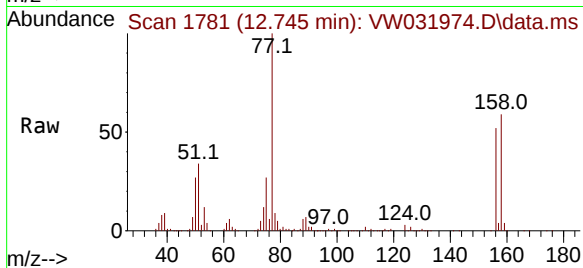
Tgt Ion:156 Resp: 63035

Ion Ratio Lower Upper

156 100

77 227.9 115.3 345.8

158 103.2 50.1 150.3



#78

n-propylbenzene

Concen: 17.893 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031974.D

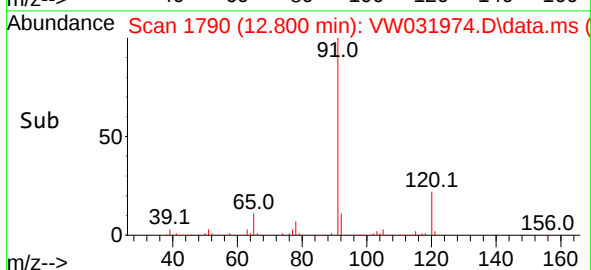
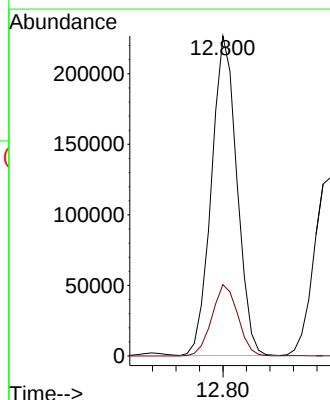
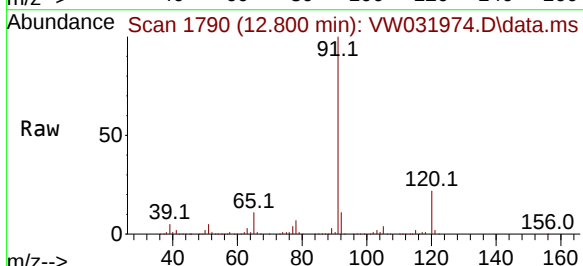
Acq: 01 Aug 2025 10:12

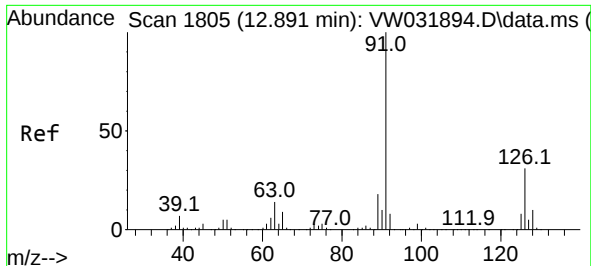
Tgt Ion: 91 Resp: 341470

Ion Ratio Lower Upper

91 100

120 22.7 10.9 32.6

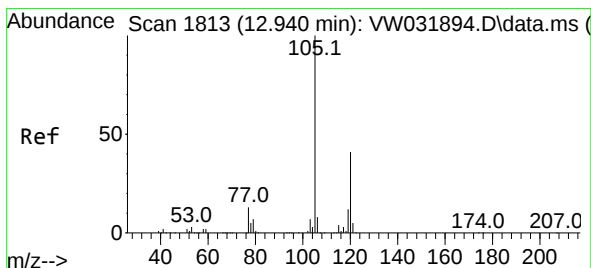
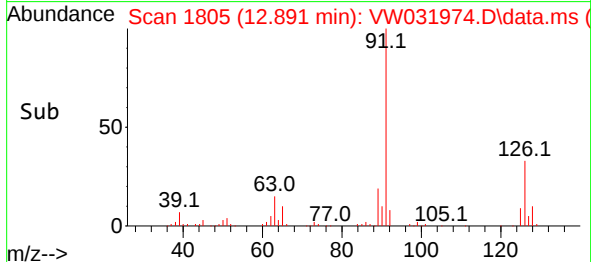
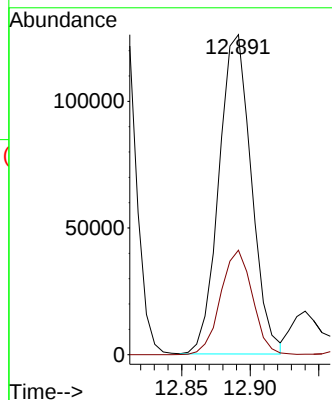
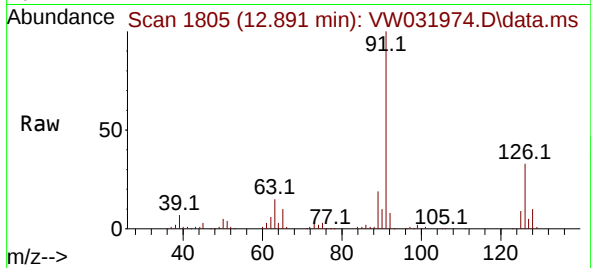




#79
2-Chlorotoluene
Concen: 18.259 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

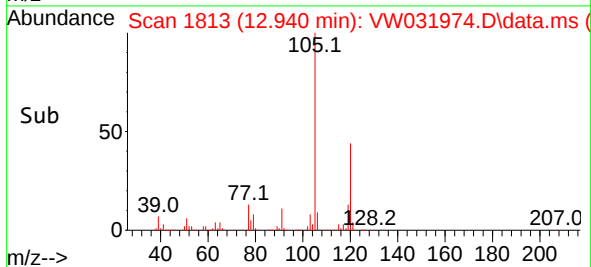
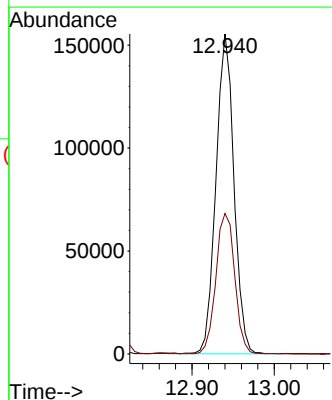
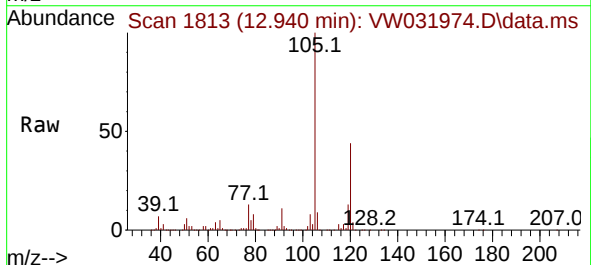
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

Tgt Ion: 91 Resp: 208047
Ion Ratio Lower Upper
91 100
126 32.0 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 18.109 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 105 Resp: 235990
Ion Ratio Lower Upper
105 100
120 46.3 23.5 70.5

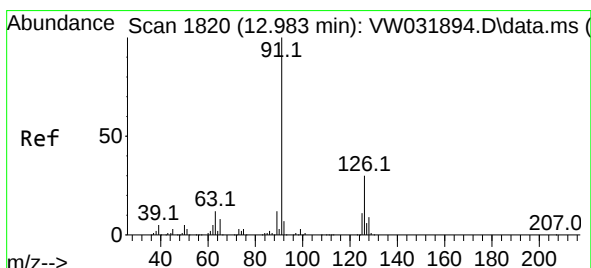
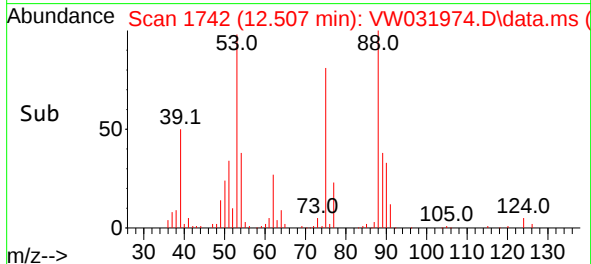
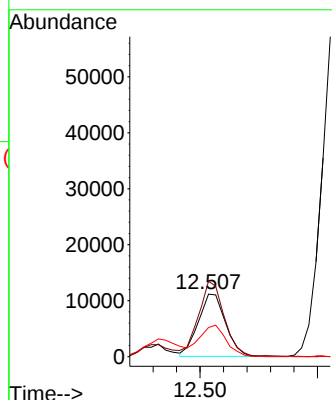
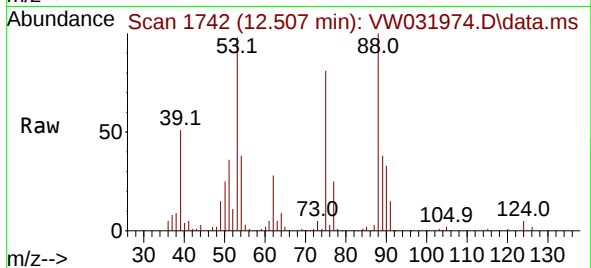




#81
trans-1,4-Dichloro-2-butene
Concen: 16.756 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

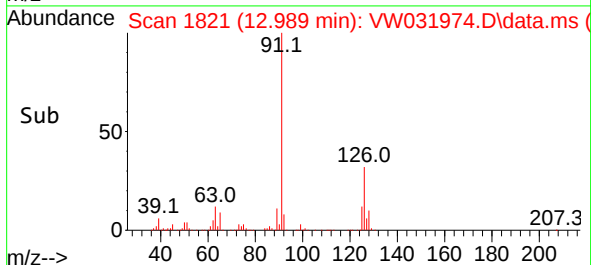
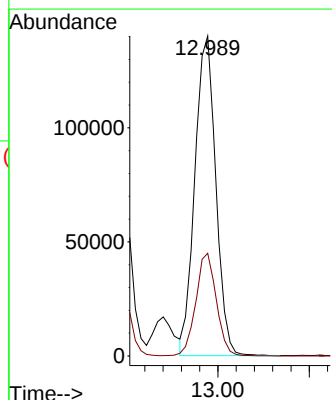
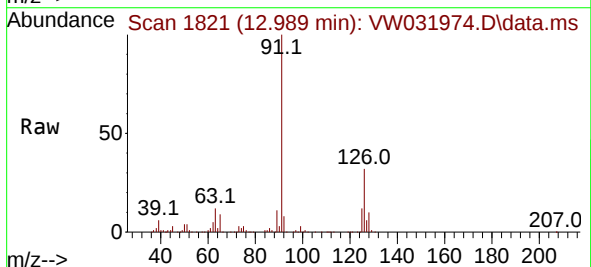
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

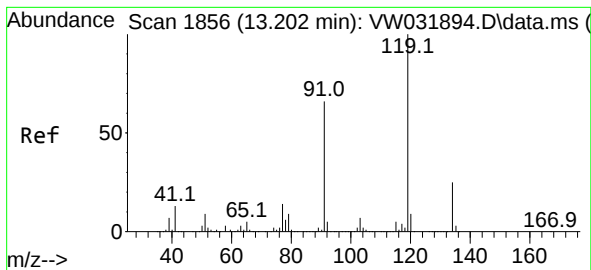
Tgt Ion: 75 Resp: 17945
Ion Ratio Lower Upper
75 100
53 112.7 83.7 125.5
89 49.3 39.0 58.6



#82
4-Chlorotoluene
Concen: 18.631 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 91 Resp: 222703
Ion Ratio Lower Upper
91 100
126 31.7 15.8 47.3

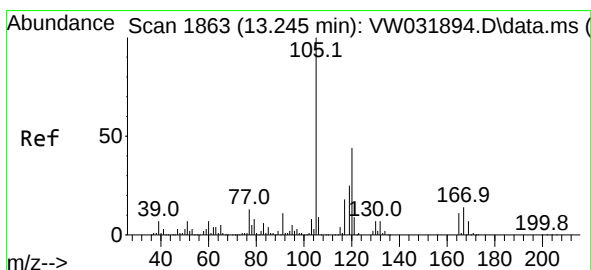
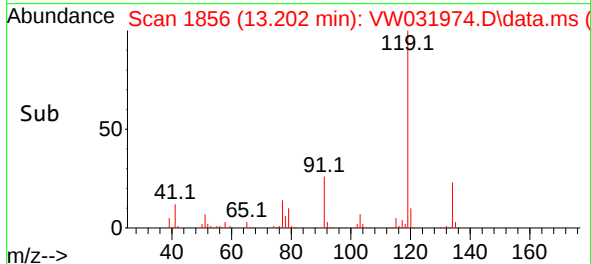
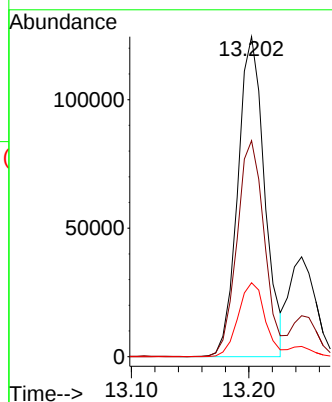
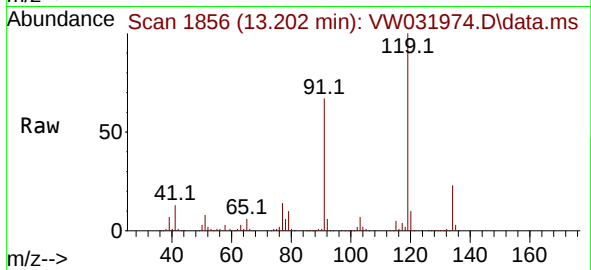




#83
tert-Butylbenzene
Concen: 17.772 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

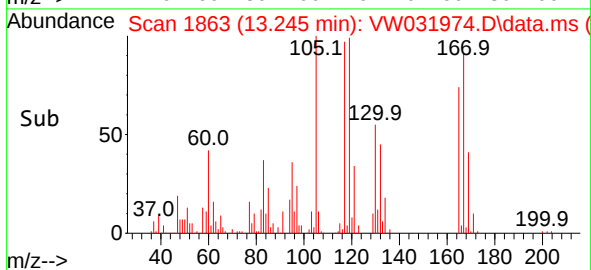
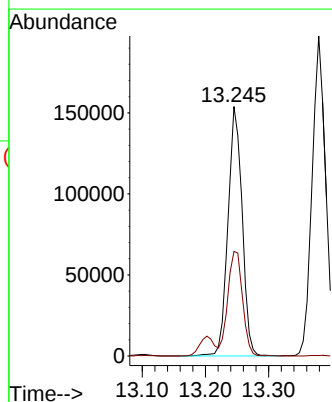
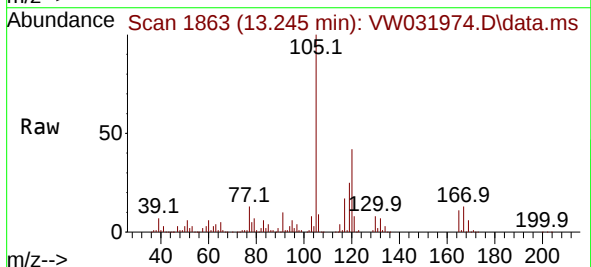
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

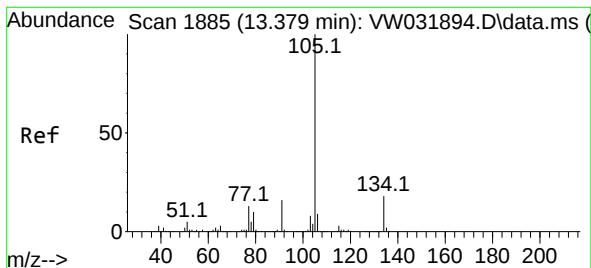
Tgt Ion:119 Resp: 197280
Ion Ratio Lower Upper
119 100
91 68.9 35.5 106.5
134 23.6 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 18.128 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion:105 Resp: 239109
Ion Ratio Lower Upper
105 100
120 43.6 21.3 63.9





#85

sec-Butylbenzene

Concen: 17.568 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

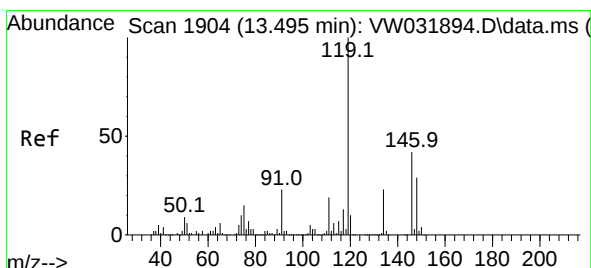
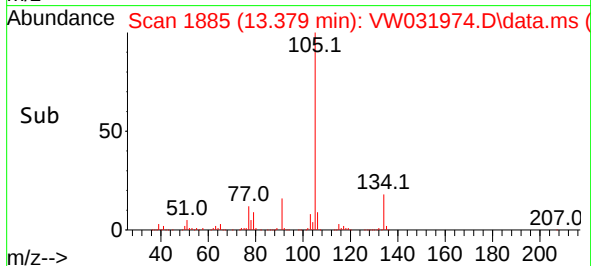
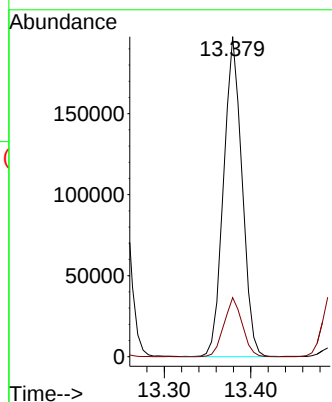
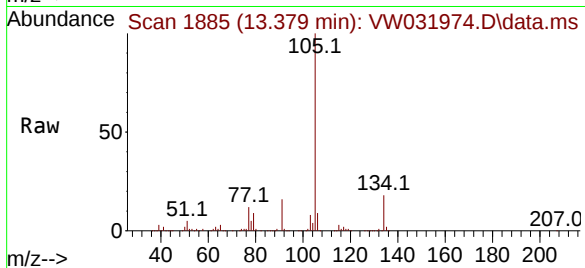
VW0801SBSD01

Tgt Ion:105 Resp: 292862

Ion Ratio Lower Upper

105 100

134 18.3 9.2 27.6



#86

p-Isopropyltoluene

Concen: 17.672 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

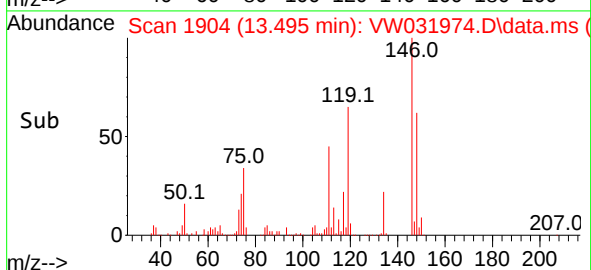
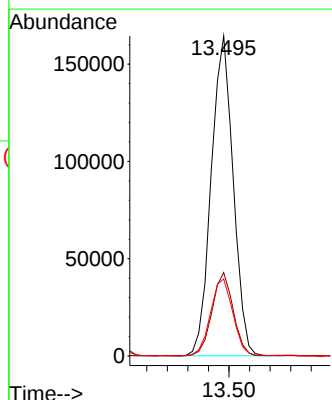
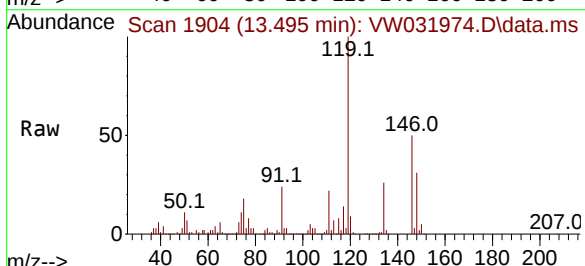
Tgt Ion:119 Resp: 243490

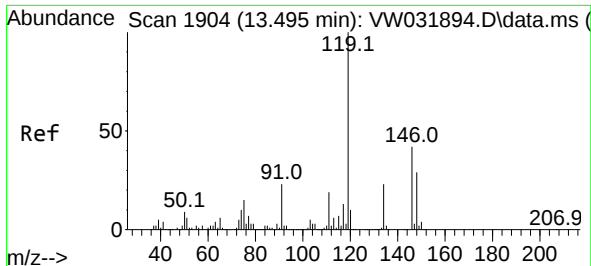
Ion Ratio Lower Upper

119 100

134 25.2 13.0 39.0

91 24.4 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 18.660 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBSD01

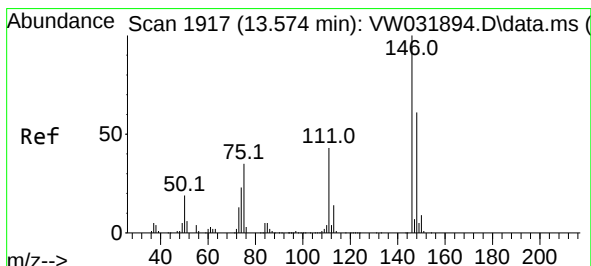
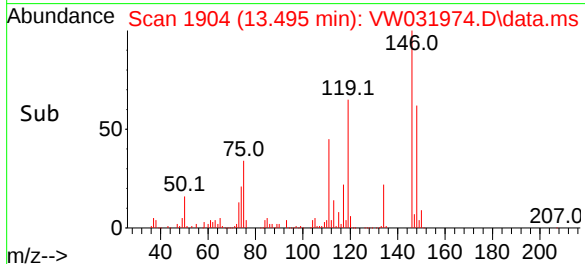
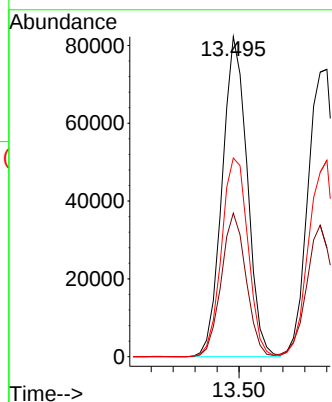
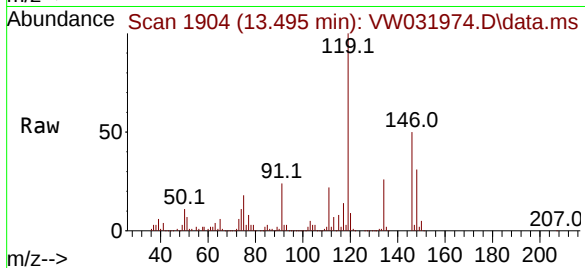
Tgt Ion:146 Resp: 130590

Ion Ratio Lower Upper

146 100

111 44.4 21.9 65.7

148 65.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 18.859 ug/l

RT: 13.580 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

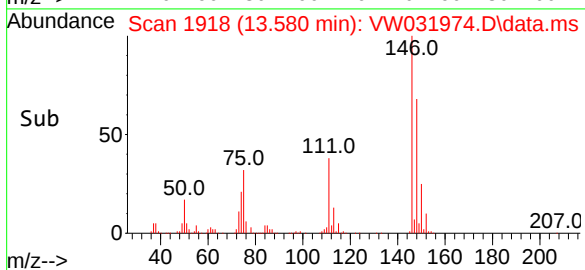
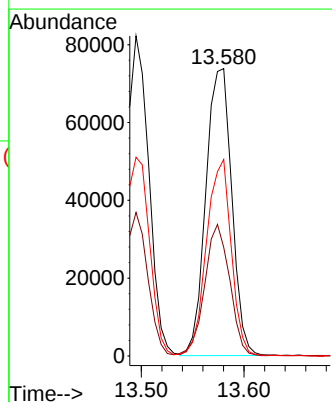
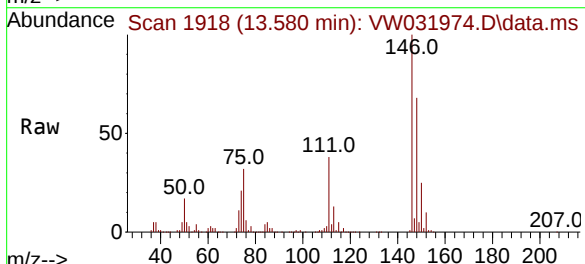
Tgt Ion:146 Resp: 129287

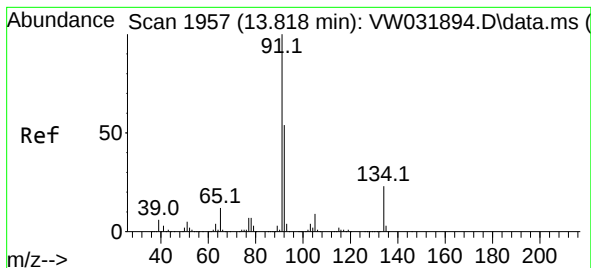
Ion Ratio Lower Upper

146 100

111 44.1 22.1 66.3

148 65.2 31.8 95.3





#89

n-Butylbenzene

Concen: 17.508 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBSD01

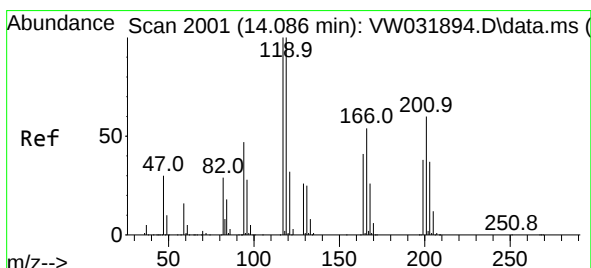
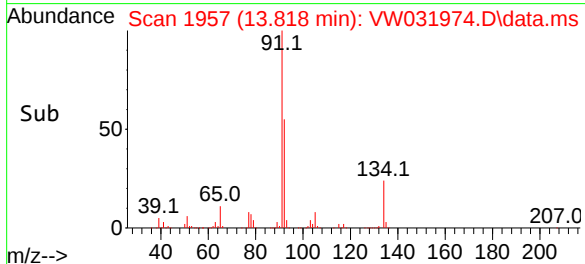
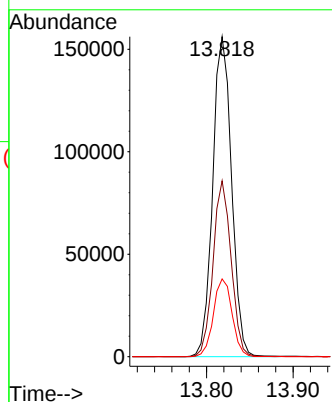
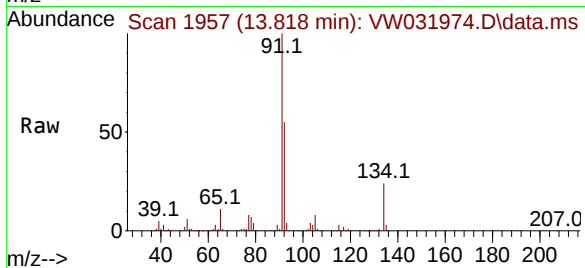
Tgt Ion: 91 Resp: 236649

Ion Ratio Lower Upper

91 100

92 52.6 27.2 81.5

134 24.1 11.6 34.7



#90

Hexachloroethane

Concen: 18.116 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031974.D

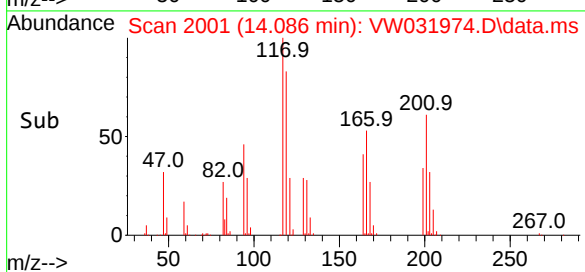
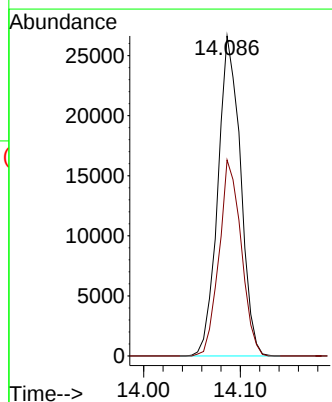
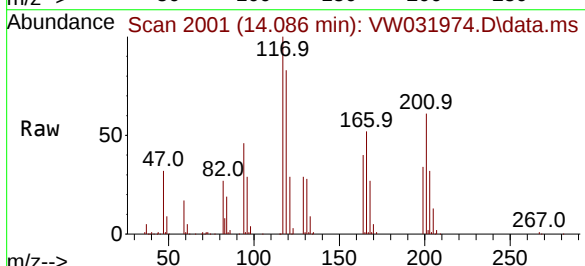
Acq: 01 Aug 2025 10:12

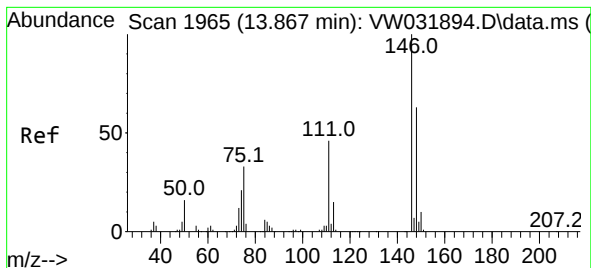
Tgt Ion: 117 Resp: 43163

Ion Ratio Lower Upper

117 100

201 59.8 28.4 85.2

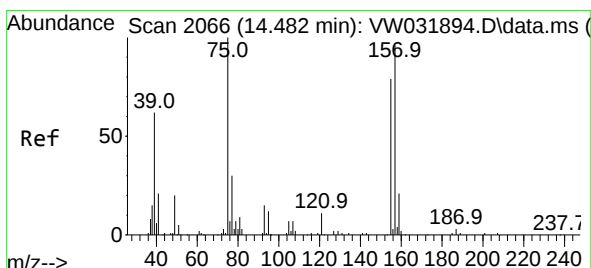
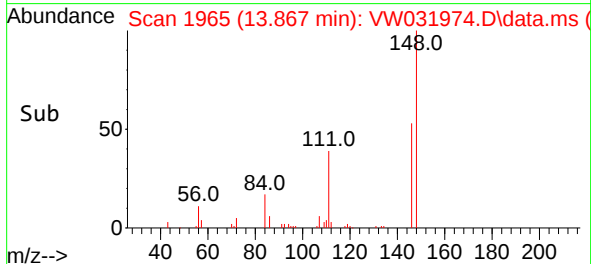
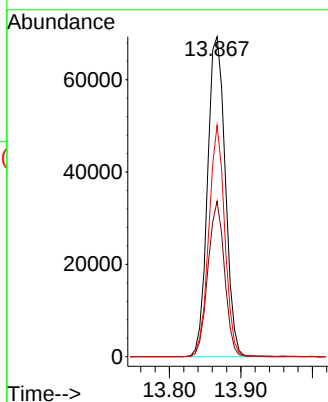
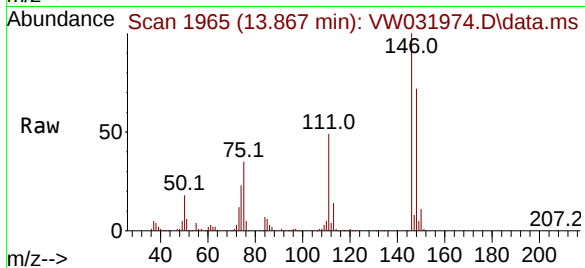




#91
1,2-Dichlorobenzene
Concen: 19.231 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

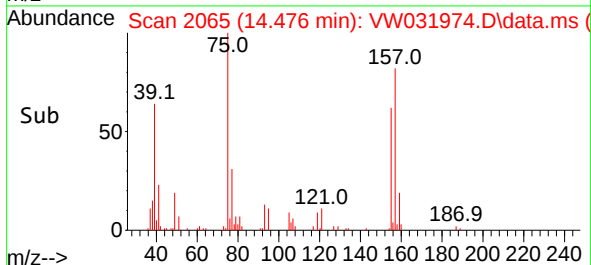
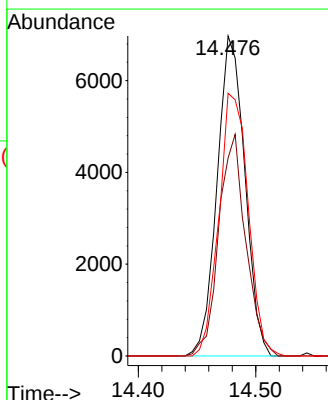
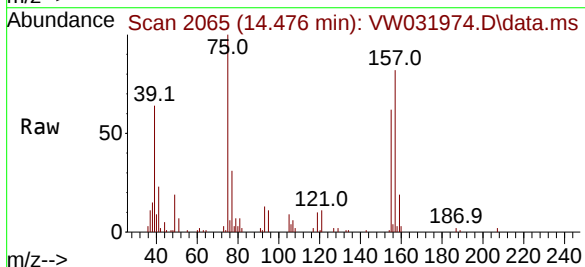
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

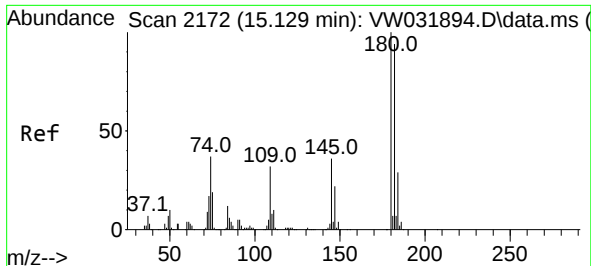
Tgt Ion:146 Resp: 119275
Ion Ratio Lower Upper
146 100
111 45.5 23.6 71.0
148 65.0 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.184 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW031974.D
Acq: 01 Aug 2025 10:12

Tgt Ion: 75 Resp: 11431
Ion Ratio Lower Upper
75 100
155 67.6 35.9 107.7
157 86.8 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 17.632 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBSD01

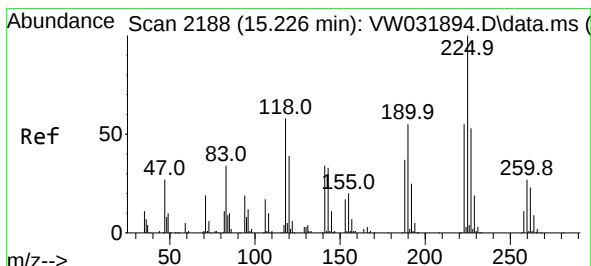
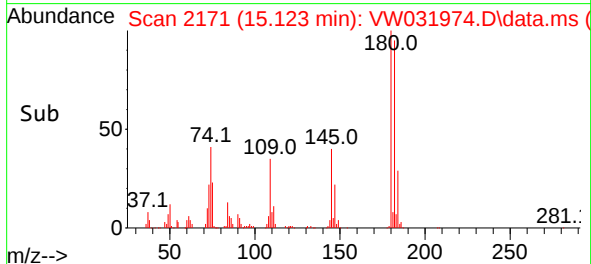
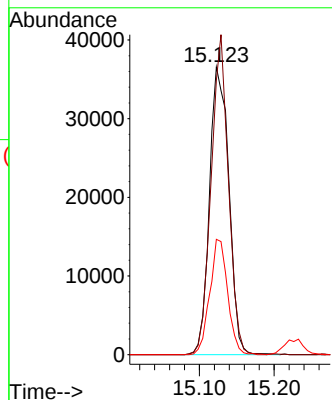
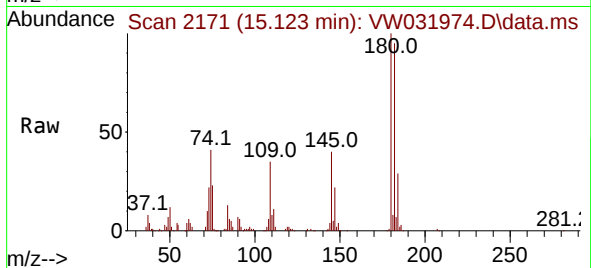
Tgt Ion:180 Resp: 65949

Ion Ratio Lower Upper

180 100

182 99.3 51.0 153.1

145 37.0 18.4 55.4



#94

Hexachlorobutadiene

Concen: 17.495 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

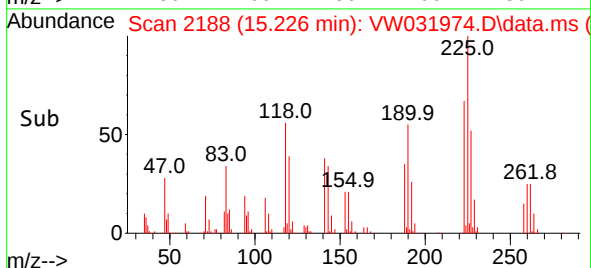
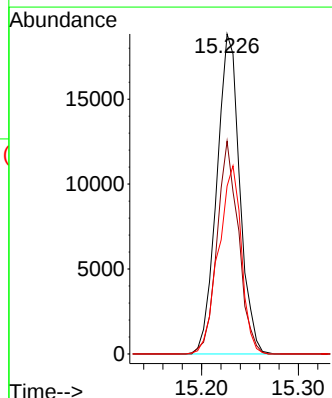
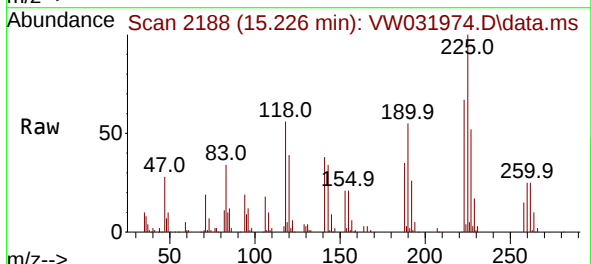
Tgt Ion:225 Resp: 31008

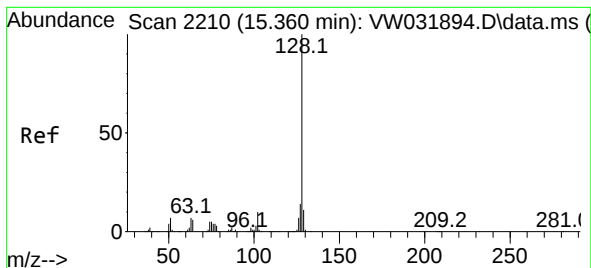
Ion Ratio Lower Upper

225 100

223 62.2 30.9 92.7

227 58.7 30.0 90.1





#95

Naphthalene

Concen: 19.055 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBSD01

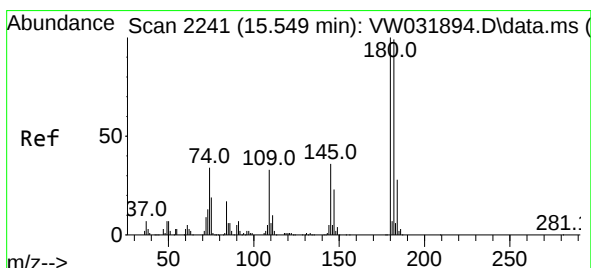
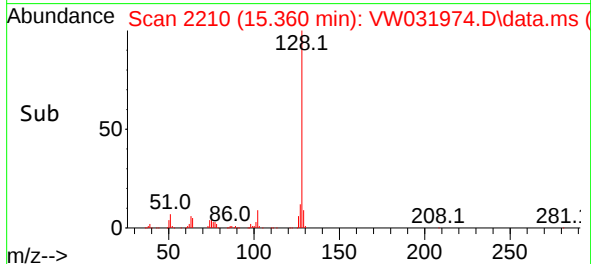
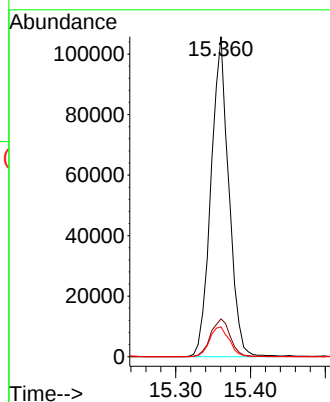
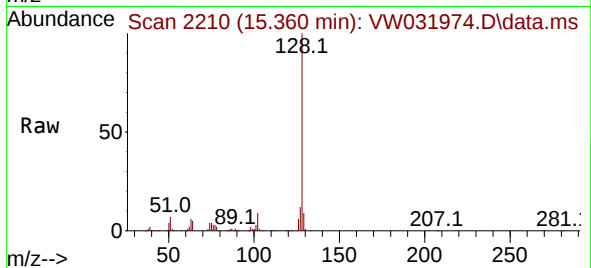
Tgt Ion:128 Resp: 175224

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.3 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 18.732 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031974.D

Acq: 01 Aug 2025 10:12

Tgt Ion:180 Resp: 63480

Ion Ratio Lower Upper

180 100

182 94.9 50.4 151.2

145 38.5 18.6 55.8

