

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073125\
 Data File : VW031966.D
 Acq On : 31 Jul 2025 12:24
 Operator : SY/MD
 Sample : VW0731SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0731SBS01

Quant Time: Aug 01 01:13:30 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	7.965	168	216035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	400306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	361118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	175966	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	164130	50.222	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 100.440%	
35) Dibromofluoromethane	7.904	113	137368	50.500	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 101.000%	
50) Toluene-d8	10.325	98	517215	50.240	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 100.480%	
62) 4-Bromofluorobenzene	12.617	95	195595	49.480	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 98.960%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	29977	18.670	ug/l	95
3) Chloromethane	2.259	50	41951	20.356	ug/l	98
4) Vinyl Chloride	2.405	62	41694	15.575	ug/l	100
5) Bromomethane	2.820	94	36419	18.474	ug/l	91
6) Chloroethane	2.966	64	33696	19.071	ug/l	99
7) Trichlorofluoromethane	3.301	101	44337	16.352	ug/l	99
8) Diethyl Ether	3.722	74	34879	19.257	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	51185	19.626	ug/l	99
10) Methyl Iodide	4.313	142	70131	17.985	ug/l	99
11) Tert butyl alcohol	5.222	59	22298	116.075	ug/l	100
12) 1,1-Dichloroethene	4.076	96	52766	18.318	ug/l	94
13) Acrolein	3.935	56	16405	53.659	ug/l	98
14) Allyl chloride	4.697	41	78866	17.587	ug/l	99
15) Acrylonitrile	5.405	53	85203	105.220	ug/l	100
16) Acetone	4.167	43	75481	97.333	ug/l	98
17) Carbon Disulfide	4.423	76	130624	17.484	ug/l	98
18) Methyl Acetate	4.716	43	52082	24.377	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	95839	19.255	ug/l	97
20) Methylene Chloride	4.954	84	64702	16.377	ug/l	97
21) trans-1,2-Dichloroethene	5.466	96	58195	19.041	ug/l	96
22) Diisopropyl ether	6.344	45	172632	19.239	ug/l	96
23) Vinyl Acetate	6.283	43	566856	96.696	ug/l	98
24) 1,1-Dichloroethane	6.246	63	109929	19.677	ug/l	99
25) 2-Butanone	7.197	43	114148	107.580	ug/l	95
26) 2,2-Dichloropropane	7.191	77	55424	17.523	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	69828	19.434	ug/l	99
28) Bromochloromethane	7.532	49	39131	16.729	ug/l	96
29) Tetrahydrofuran	7.557	42	75665	108.768	ug/l	99
30) Chloroform	7.697	83	117118	19.994	ug/l	96
31) Cyclohexane	7.971	56	90924	18.141	ug/l	94
32) 1,1,1-Trichloroethane	7.892	97	86540	19.415	ug/l	96
36) 1,1-Dichloropropene	8.099	75	79593	19.053	ug/l	99
37) Ethyl Acetate	7.276	43	49130	20.617	ug/l	99
38) Carbon Tetrachloride	8.087	117	76922	19.187	ug/l	96
39) Methylcyclohexane	9.343	83	95204	18.110	ug/l	97
40) Benzene	8.337	78	245134	19.824	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	25678	18.001	ug/l #	86
42) 1,2-Dichloroethane	8.416	62	80391	20.313	ug/l	99
43) Isopropyl Acetate	8.441	43	86755	20.110	ug/l	99
44) Trichloroethene	9.105	130	57319	19.501	ug/l	92
45) 1,2-Dichloropropane	9.380	63	59212	19.882	ug/l	97
46) Dibromomethane	9.465	93	38073	20.623	ug/l	98
47) Bromodichloromethane	9.654	83	90219	20.380	ug/l	100
48) Methyl methacrylate	9.441	41	42261	20.591	ug/l	97
49) 1,4-Dioxane	9.465	88	9304	505.076	ug/l	94
51) 4-Methyl-2-Pentanone	10.215	43	258319	109.413	ug/l	100
52) Toluene	10.392	92	158405	19.927	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	82091	19.332	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	92532	19.081	ug/l	98
55) 1,1,2-Trichloroethane	10.794	97	52128	21.258	ug/l	97
56) Ethyl methacrylate	10.648	69	71000	20.501	ug/l	98
57) 1,3-Dichloropropane	10.934	76	91662	21.217	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	175729	98.784	ug/l	99
59) 2-Hexanone	10.971	43	183030	111.530	ug/l	98
60) Dibromochloromethane	11.129	129	60468	21.149	ug/l	96
61) 1,2-Dibromoethane	11.239	107	50639	20.898	ug/l	96
64) Tetrachloroethene	10.867	164	45285	19.020	ug/l	86
65) Chlorobenzene	11.660	112	170134	19.250	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.733	131	55355	20.203	ug/l	97
67) Ethyl Benzene	11.733	91	292776	18.854	ug/l	99
68) m/p-Xylenes	11.843	106	227435	38.905	ug/l	98
69) o-Xylene	12.166	106	102780	18.578	ug/l	92
70) Styrene	12.178	104	190083	20.180	ug/l	98
71) Bromoform	12.349	173	32526	21.706	ug/l #	96
73) Isopropylbenzene	12.464	105	267869	17.545	ug/l	99
74) N-amyl acetate	12.269	43	79474	19.254	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	65732	20.283	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	81814	33.676	ug/l #	100
77) Bromobenzene	12.745	156	61359	18.574	ug/l	98
78) n-propylbenzene	12.800	91	336548	17.947	ug/l	98
79) 2-Chlorotoluene	12.891	91	202138	18.054	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	234810	18.337	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	18833	17.897	ug/l	98
82) 4-Chlorotoluene	12.989	91	219586	18.695	ug/l	99
83) tert-Butylbenzene	13.202	119	194683	17.849	ug/l	99
84) 1,2,4-Trimethylbenzene	13.251	105	243148	18.760	ug/l	99
85) sec-Butylbenzene	13.379	105	296307	18.090	ug/l	99
86) p-Isopropyltoluene	13.495	119	246089	18.176	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	129456	18.826	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	129589	19.237	ug/l	100
89) n-Butylbenzene	13.818	91	242661	18.271	ug/l	99
90) Hexachloroethane	14.086	117	43126	18.421	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	121077	19.867	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	12279	20.972	ug/l	92
93) 1,2,4-Trichlorobenzene	15.129	180	65980	17.952	ug/l	96
94) Hexachlorobutadiene	15.226	225	33184	19.054	ug/l	96
95) Naphthalene	15.360	128	173198	19.168	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	62451	18.754	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

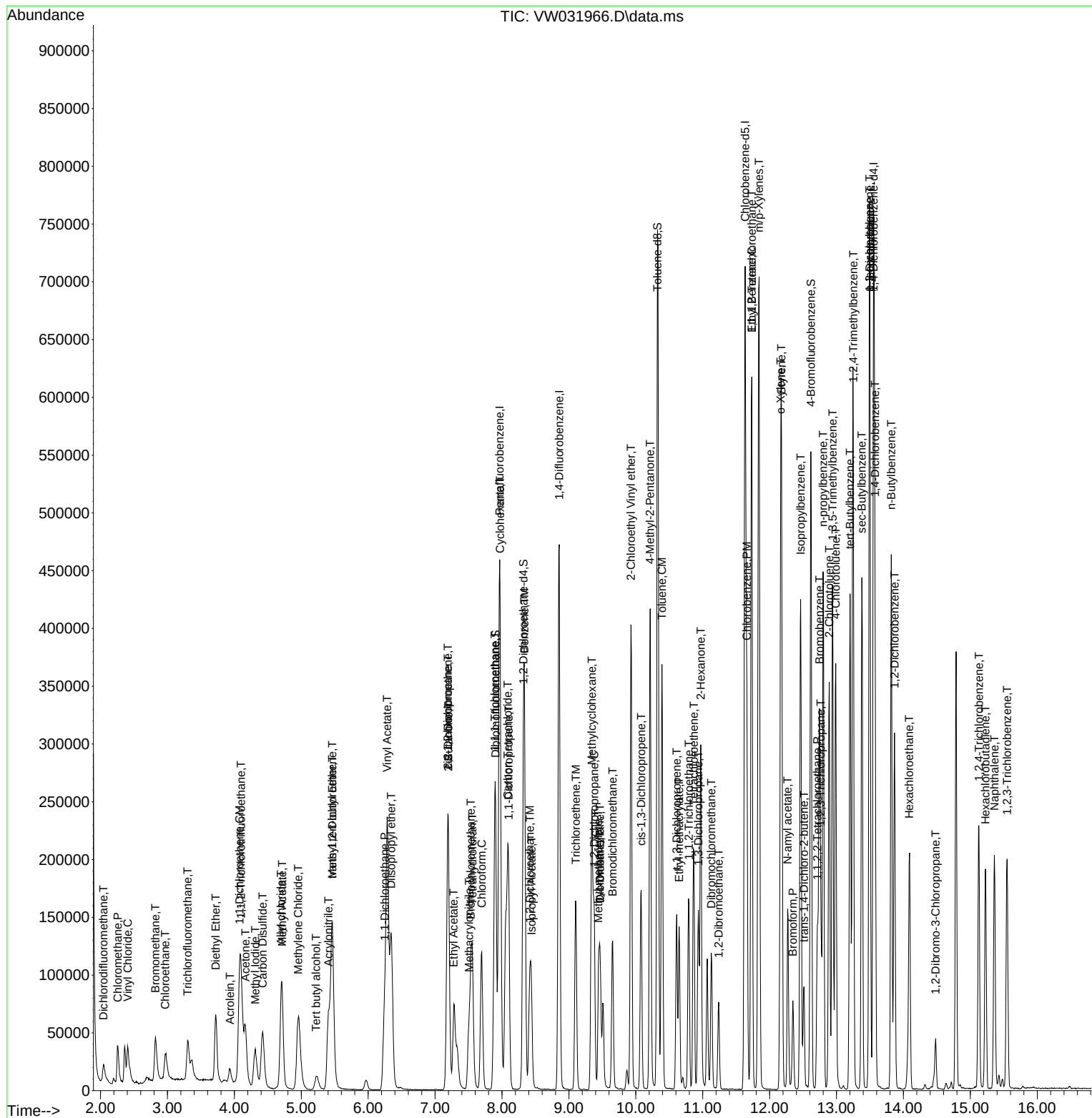
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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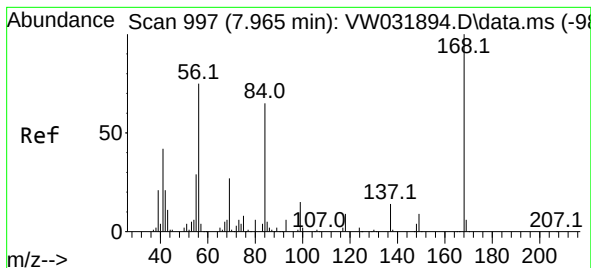
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW031966.D

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Instrument :

MSVOA_W

ClientSampleId :

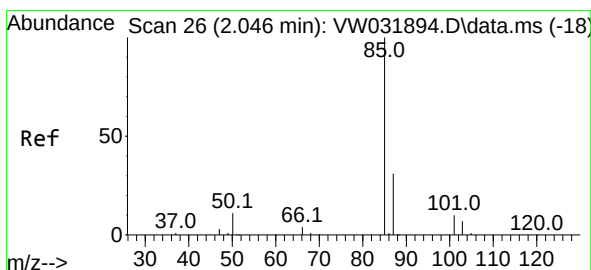
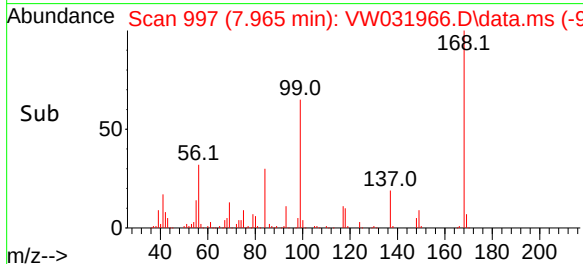
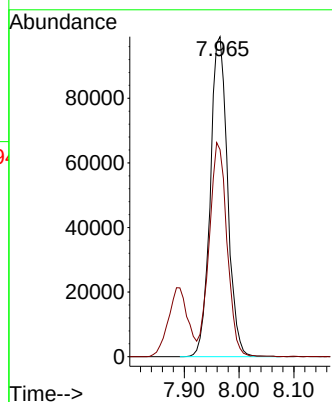
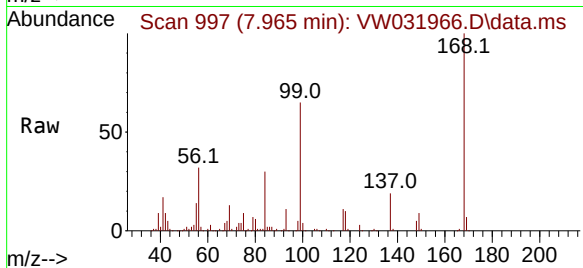
VW0731SBS01

Tgt Ion:168 Resp: 216035

Ion Ratio Lower Upper

168 100

99 64.6 48.2 72.2



#2

Dichlorodifluoromethane

Concen: 18.670 ug/l

RT: 2.046 min Scan# 26

Delta R.T. -0.000 min

Lab File: VW031966.D

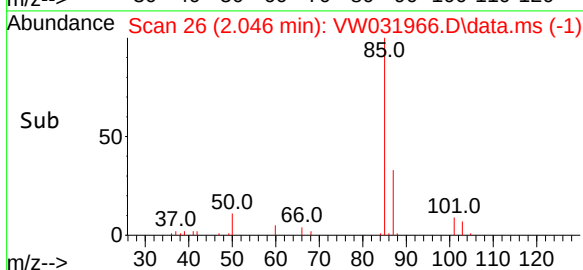
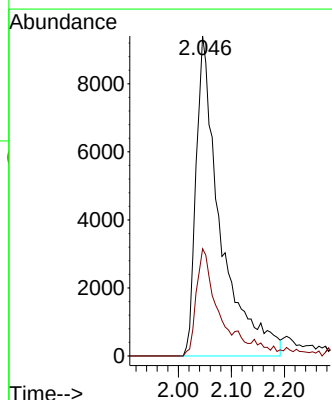
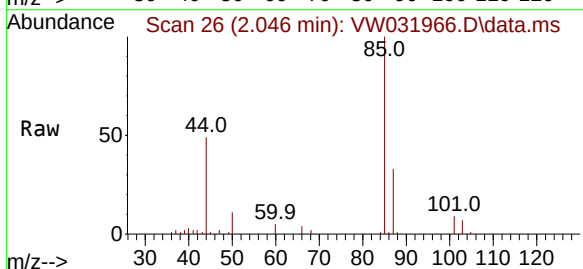
Acq: 31 Jul 2025 12:24

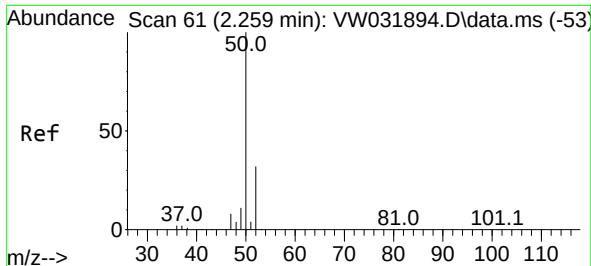
Tgt Ion: 85 Resp: 29977

Ion Ratio Lower Upper

85 100

87 33.5 15.5 46.5

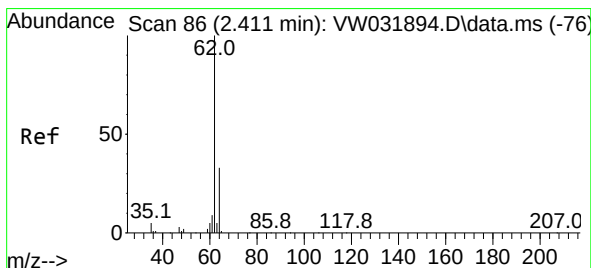
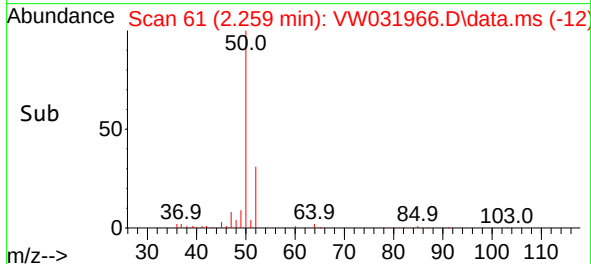
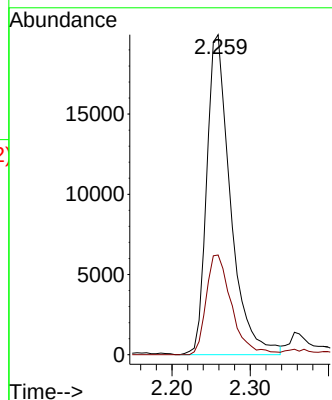
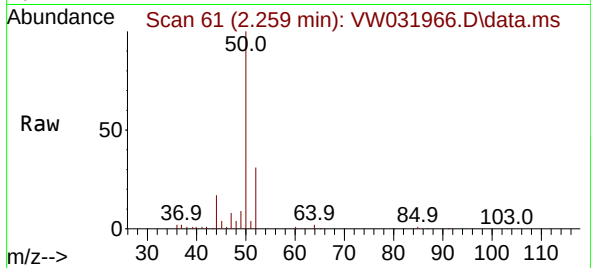




#3
Chloromethane
Concen: 20.356 ug/l
RT: 2.259 min Scan# 61
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

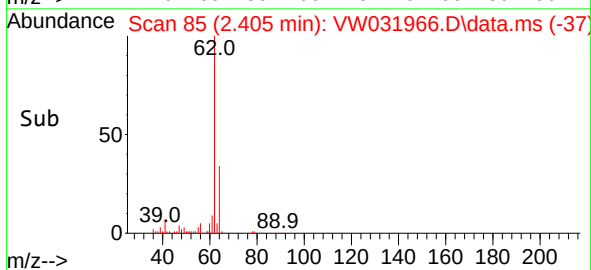
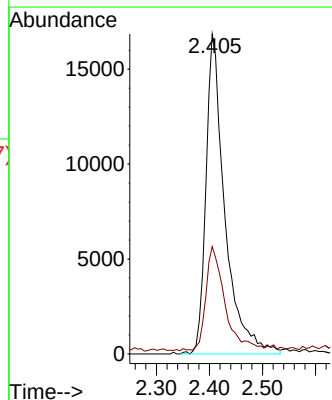
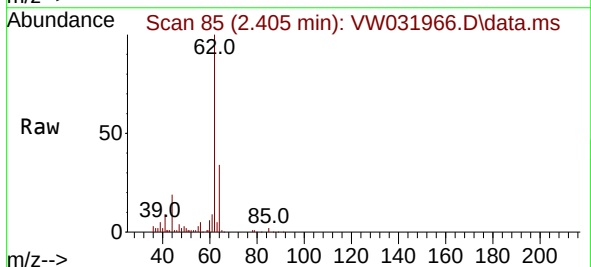
Instrument :
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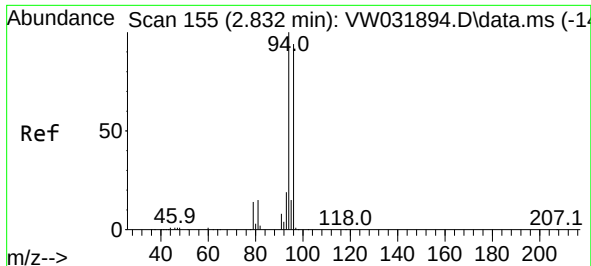
Tgt Ion: 50 Resp: 41951
Ion Ratio Lower Upper
50 100
52 31.1 25.7 38.5



#4
Vinyl Chloride
Concen: 15.575 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 62 Resp: 41694
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.2

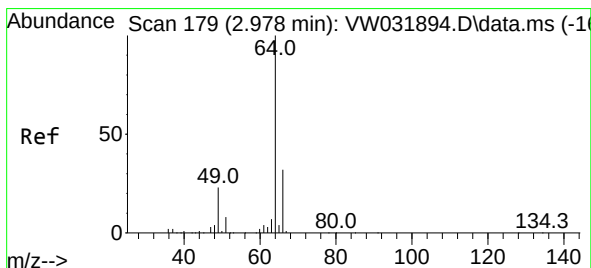
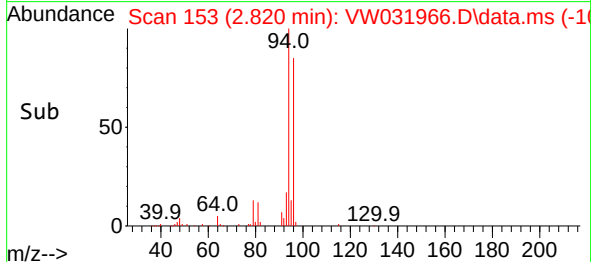
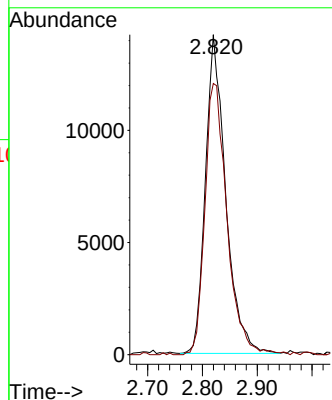
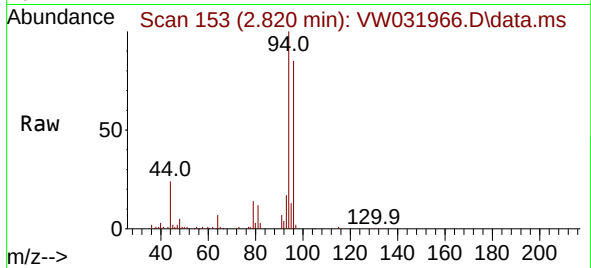




#5
Bromomethane
Concen: 18.474 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

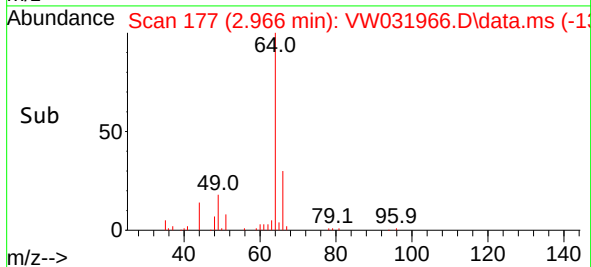
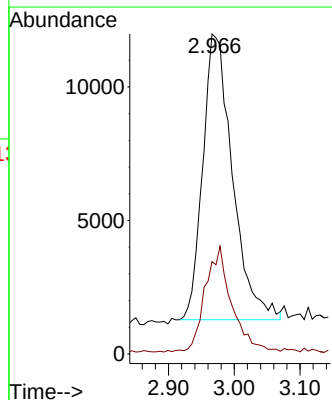
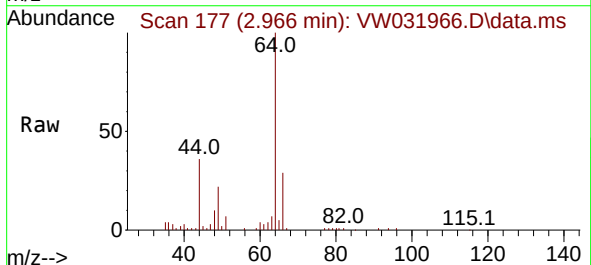
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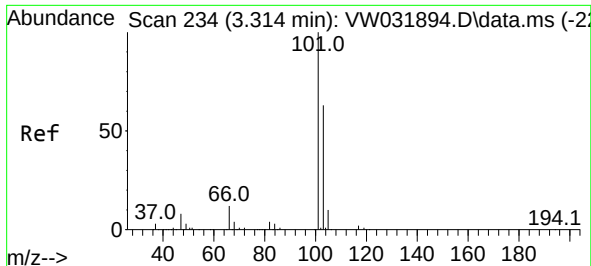
Tgt Ion: 94 Resp: 36419
Ion Ratio Lower Upper
94 100
96 85.1 75.0 112.6



#6
Chloroethane
Concen: 19.071 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.012 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 64 Resp: 33696
Ion Ratio Lower Upper
64 100
66 31.4 25.6 38.4

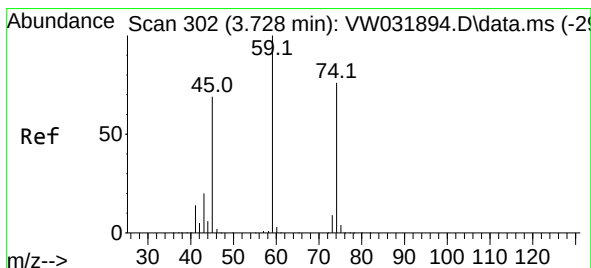
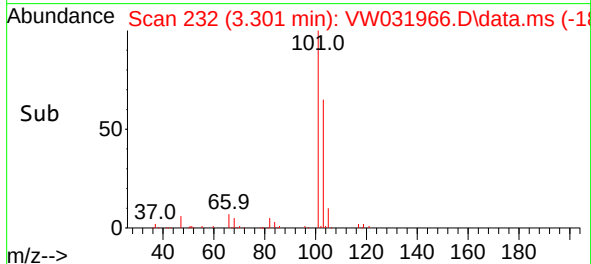
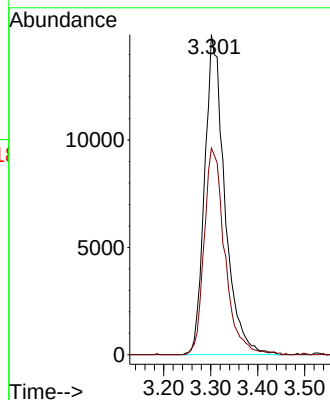
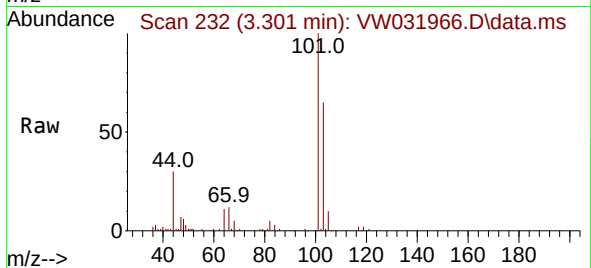




#7
 Trichlorofluoromethane
 Concen: 16.352 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW031966.D
 Acq: 31 Jul 2025 12:24

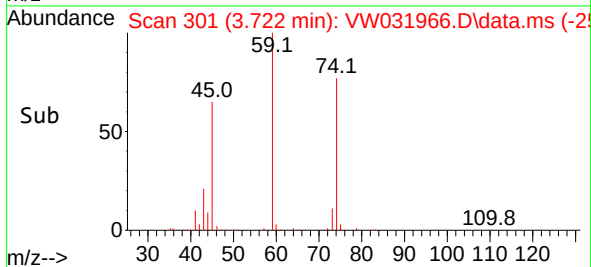
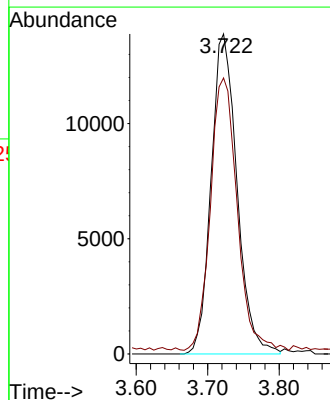
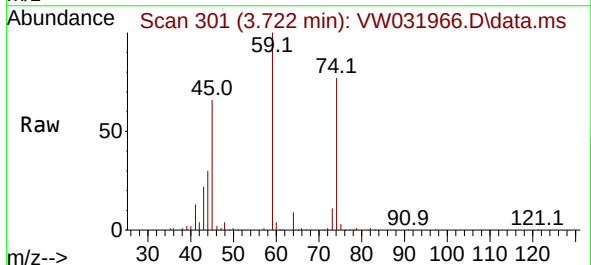
Instrument :
 MSVOA_W
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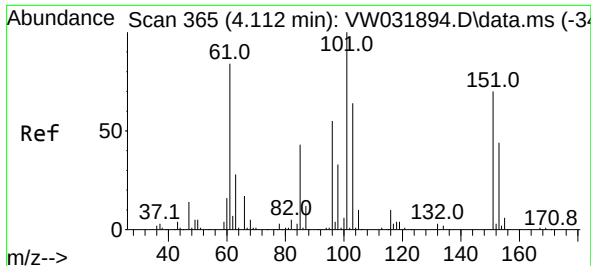
Tgt Ion:101 Resp: 44337
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 19.257 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 34879
 Ion Ratio Lower Upper
 74 100
 45 88.2 45.5 136.5

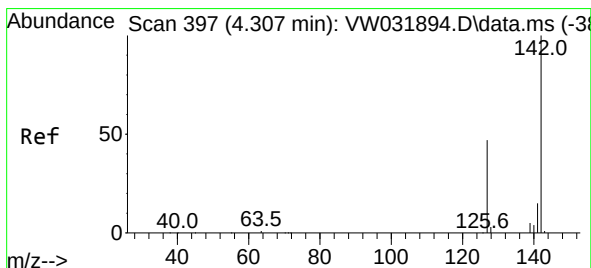
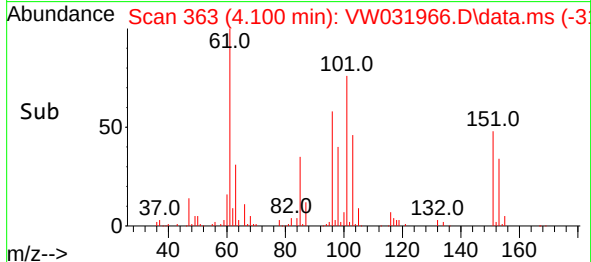
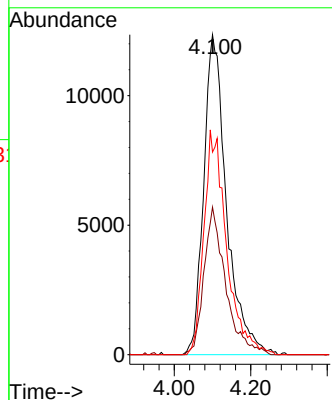
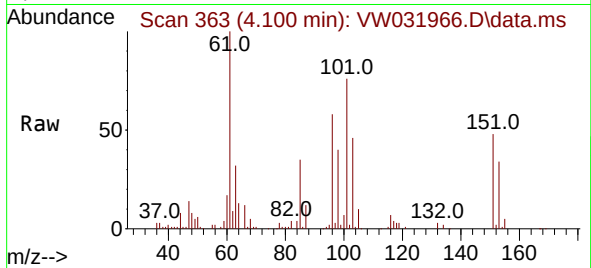




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.626 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

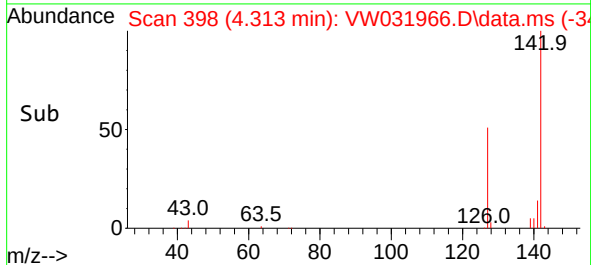
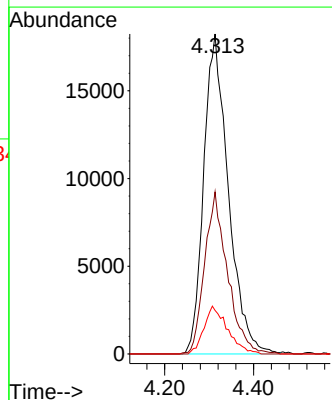
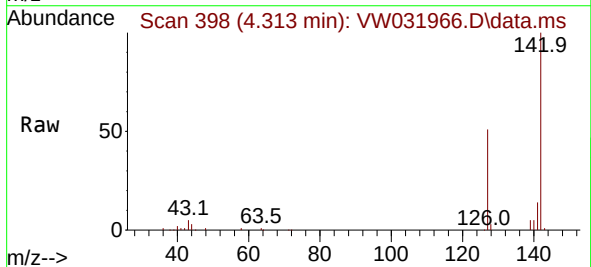
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

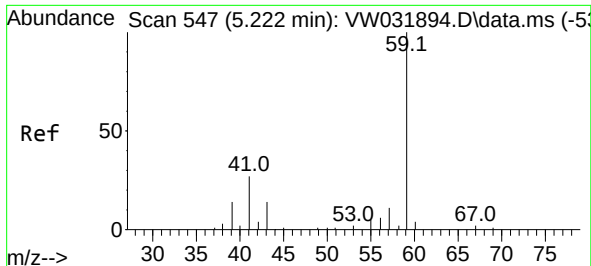
Tgt Ion:101 Resp: 51185
Ion Ratio Lower Upper
101 100
85 44.0 35.5 53.3
151 69.8 54.6 81.8



#10
Methyl Iodide
Concen: 17.985 ug/l
RT: 4.313 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion:142 Resp: 70131
Ion Ratio Lower Upper
142 100
127 47.1 37.4 56.2
141 14.4 11.9 17.9

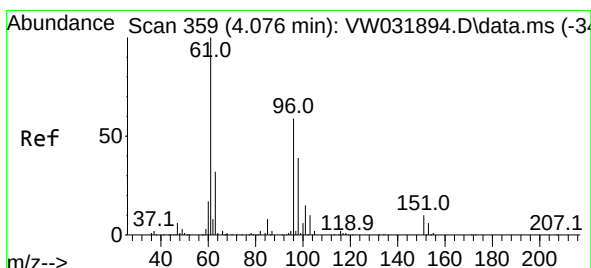
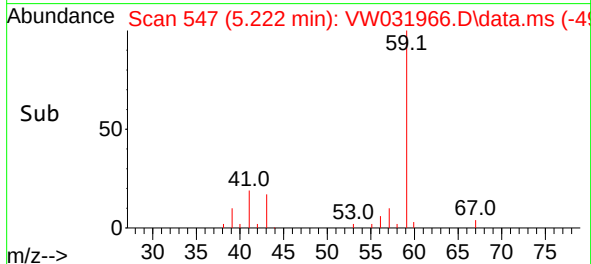
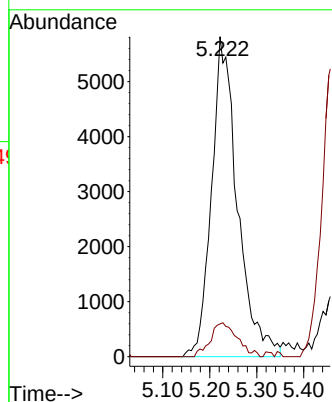
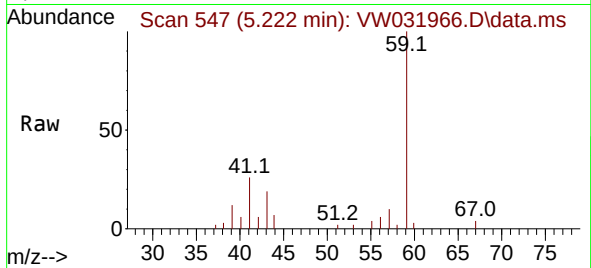




#11
Tert butyl alcohol
Concen: 116.075 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

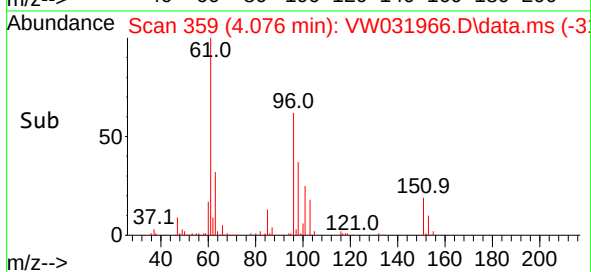
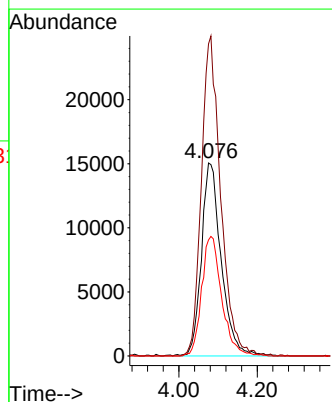
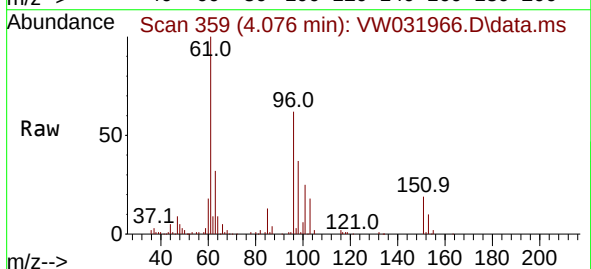
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

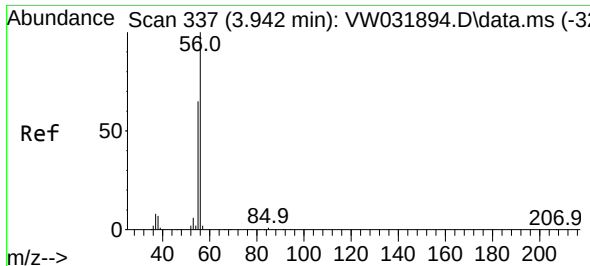
Tgt Ion: 59 Resp: 22298
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.318 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 96 Resp: 52766
Ion Ratio Lower Upper
96 100
61 161.7 135.0 202.6
98 60.1 52.3 78.5

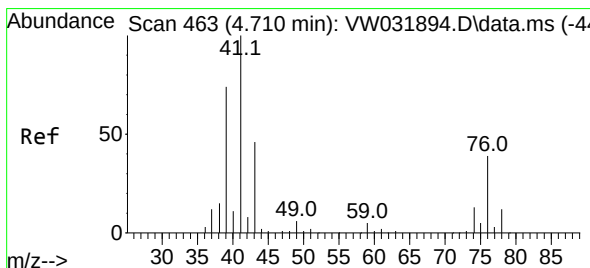
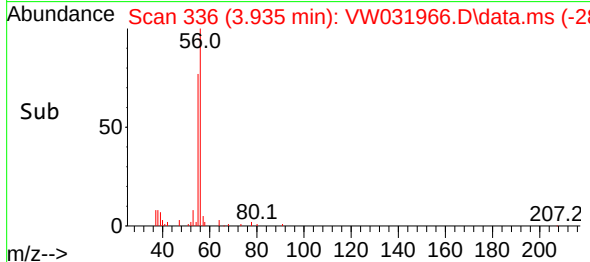
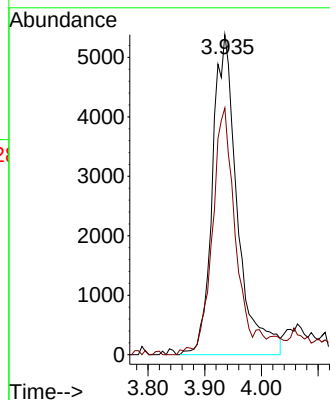
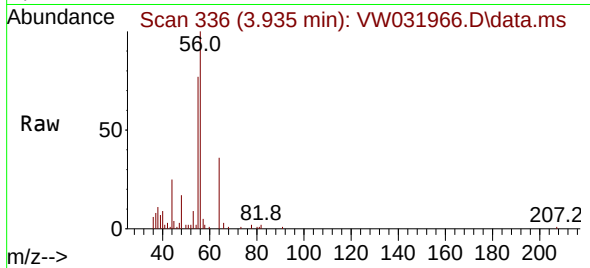




#13
Acrolein
Concen: 53.659 ug/l
RT: 3.935 min Scan# 31
Delta R.T. -0.007 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

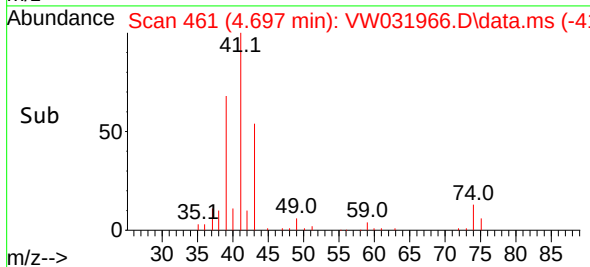
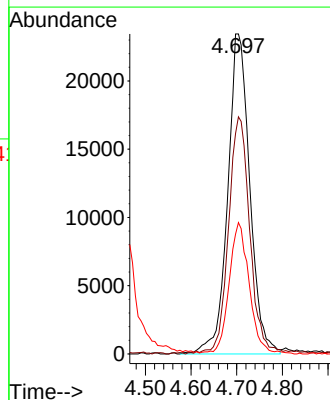
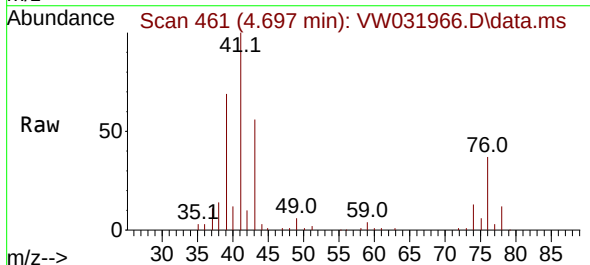
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

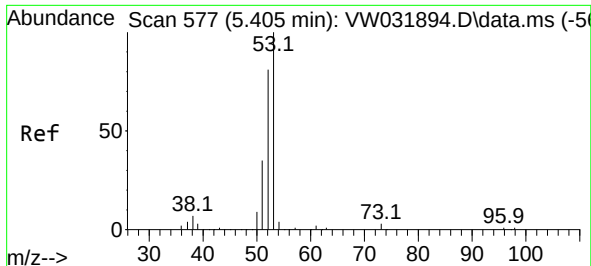
Tgt Ion: 56 Resp: 16405
Ion Ratio Lower Upper
56 100
55 69.4 56.7 85.1



#14
Allyl chloride
Concen: 17.587 ug/l
RT: 4.697 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 41 Resp: 78866
Ion Ratio Lower Upper
41 100
39 72.0 56.6 85.0
76 37.5 30.1 45.1

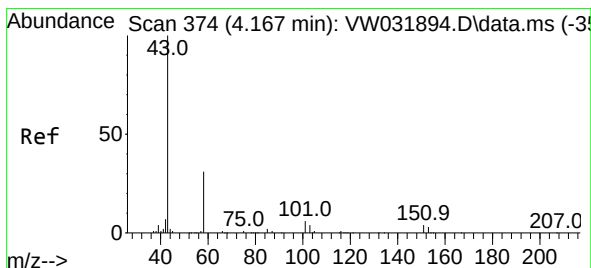
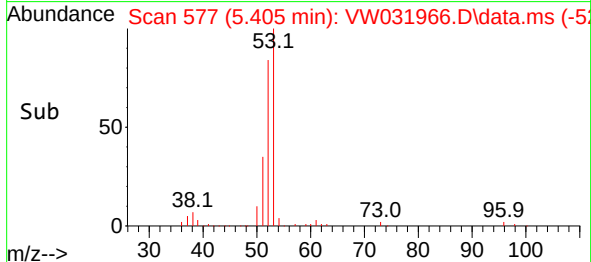
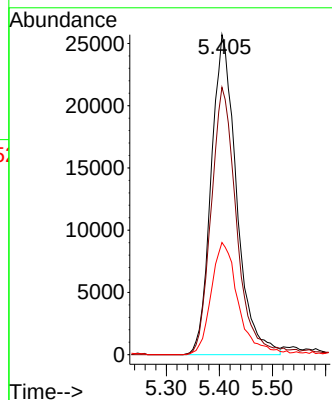
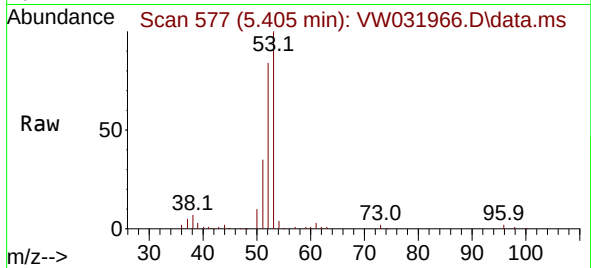




#15
Acrylonitrile
Concen: 105.220 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

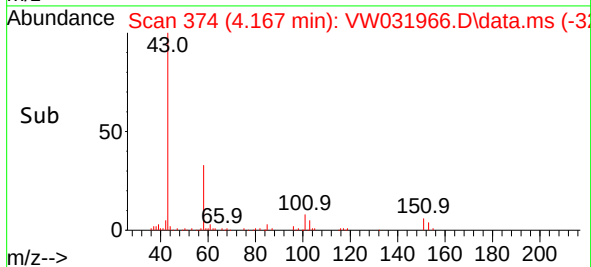
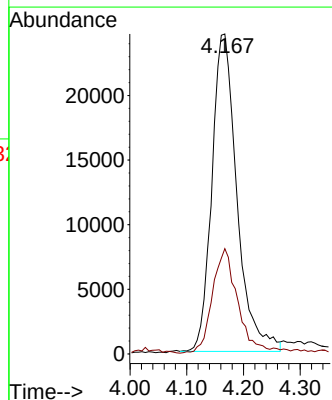
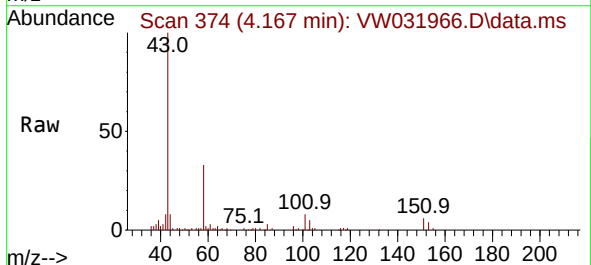
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

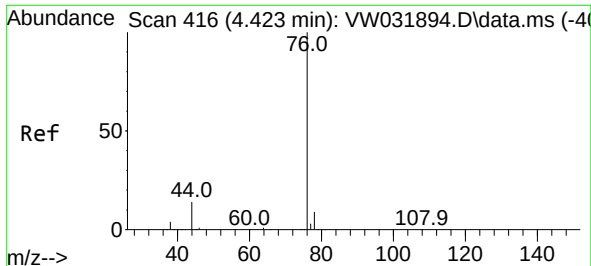
Tgt Ion: 53 Resp: 85203
Ion Ratio Lower Upper
53 100
52 84.1 67.0 100.4
51 37.6 29.9 44.9



#16
Acetone
Concen: 97.333 ug/l
RT: 4.167 min Scan# 374
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 43 Resp: 75481
Ion Ratio Lower Upper
43 100
58 32.9 25.5 38.3

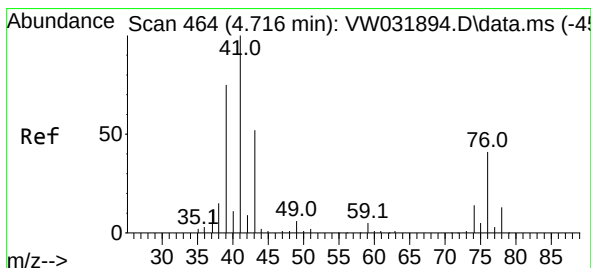
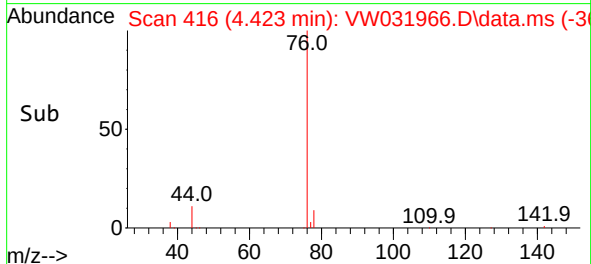
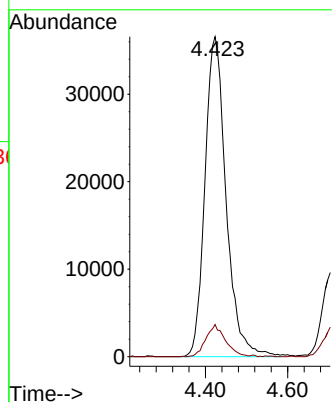
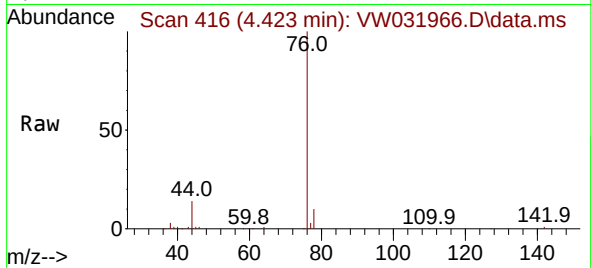




#17
Carbon Disulfide
Concen: 17.484 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

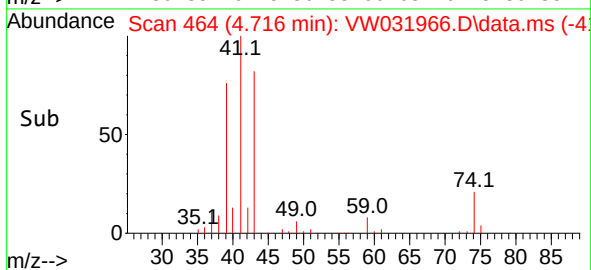
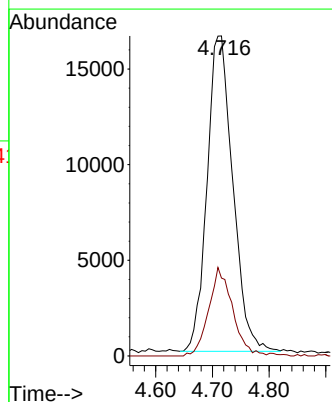
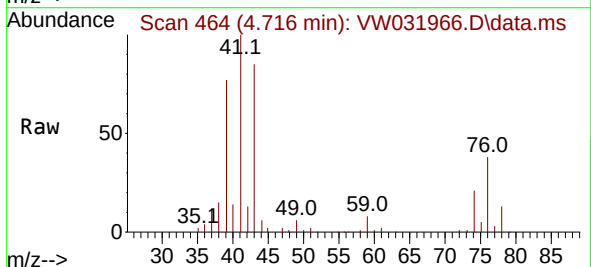
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

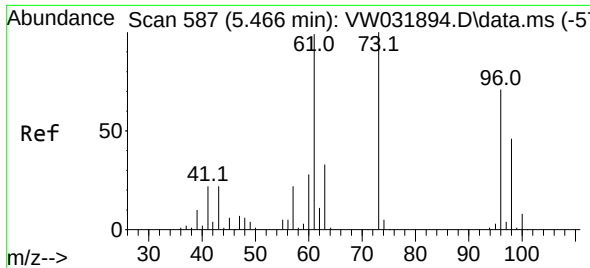
Tgt Ion: 76 Resp: 130624
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3



#18
Methyl Acetate
Concen: 24.377 ug/l
RT: 4.716 min Scan# 464
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 43 Resp: 52082
Ion Ratio Lower Upper
43 100
74 25.9 20.6 31.0

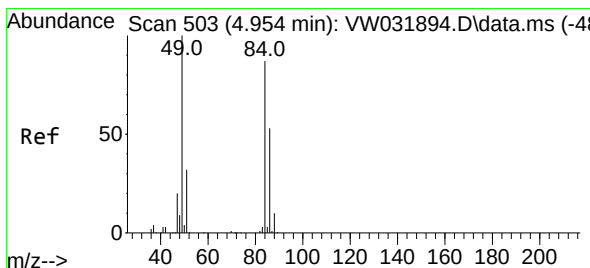
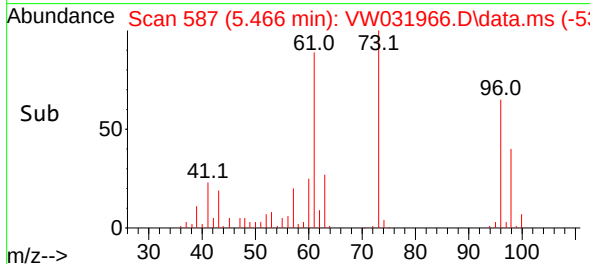
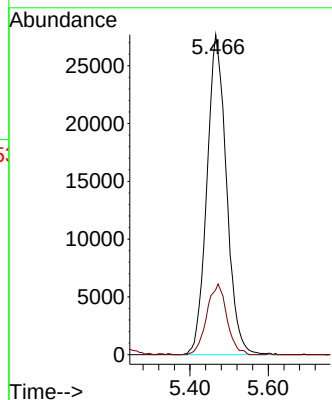
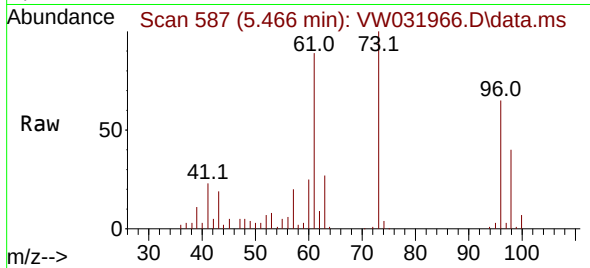




#19
Methyl tert-butyl Ether
Concen: 19.255 ug/l
RT: 5.466 min Scan# 587
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

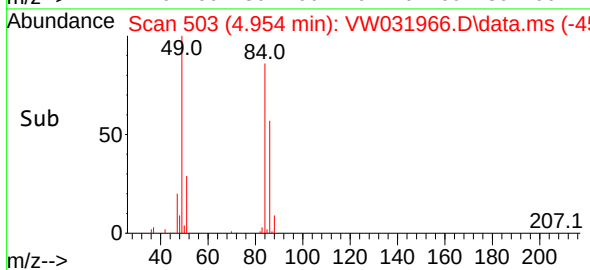
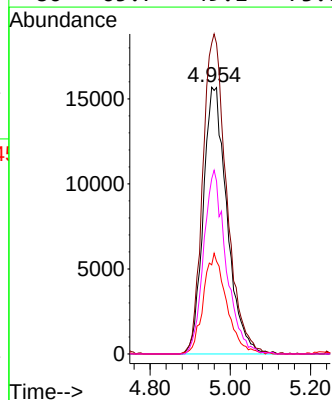
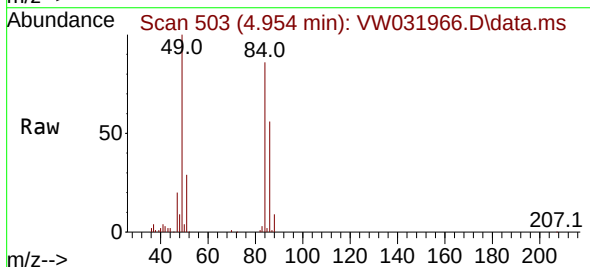
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

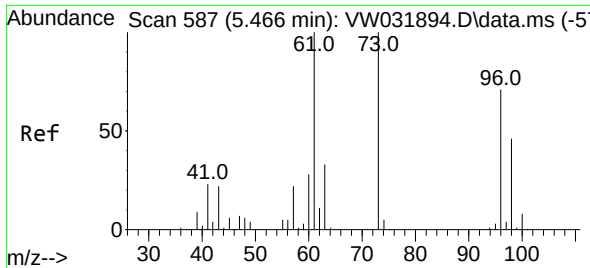
Tgt Ion: 73 Resp: 95839
Ion Ratio Lower Upper
73 100
57 20.3 17.5 26.3



#20
Methylene Chloride
Concen: 16.377 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 84 Resp: 64702
Ion Ratio Lower Upper
84 100
49 116.5 91.9 137.9
51 33.4 29.0 43.6
86 65.7 49.1 73.7

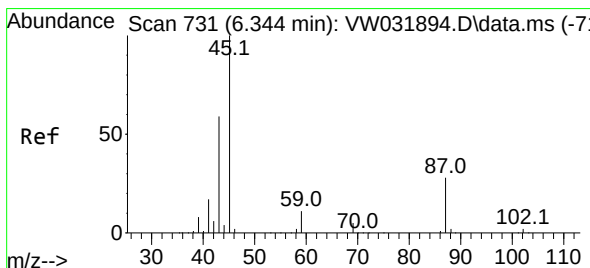
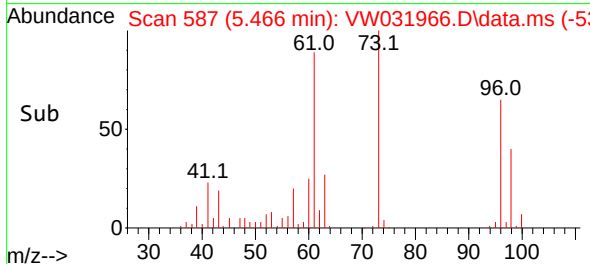
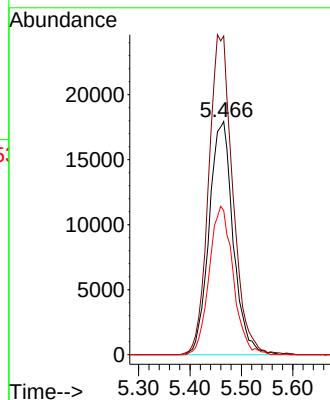
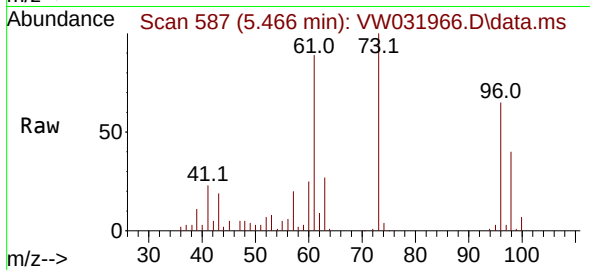




#21
trans-1,2-Dichloroethene
Concen: 19.041 ug/l
RT: 5.466 min Scan# 587
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

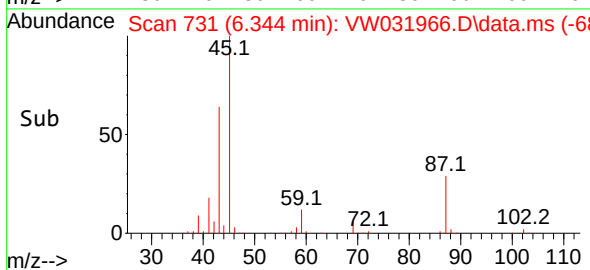
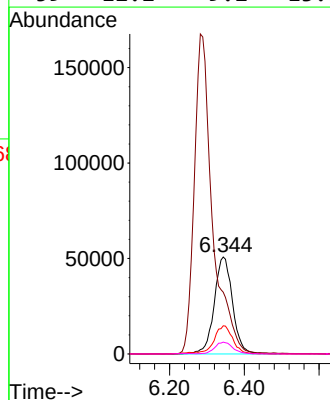
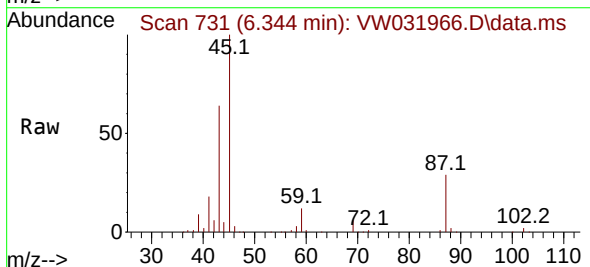
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

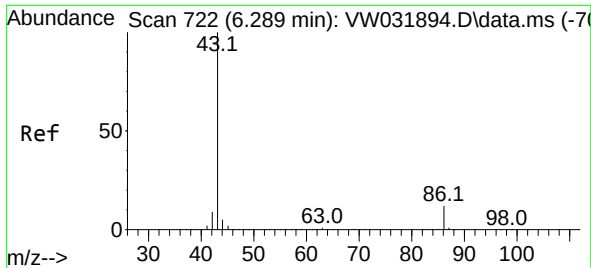
Tgt Ion: 96 Resp: 58195
Ion Ratio Lower Upper
96 100
61 136.7 112.8 169.2
98 61.8 51.9 77.9



#22
Diisopropyl ether
Concen: 19.239 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 45 Resp: 172632
Ion Ratio Lower Upper
45 100
43 63.0 47.0 70.6
87 29.1 22.8 34.2
59 12.2 9.2 13.8

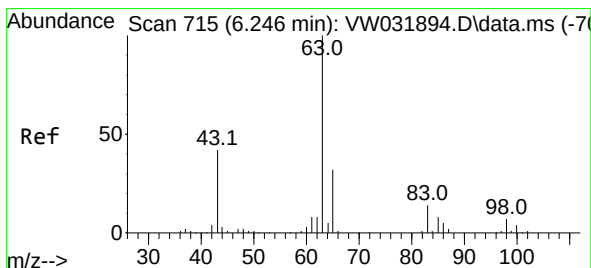
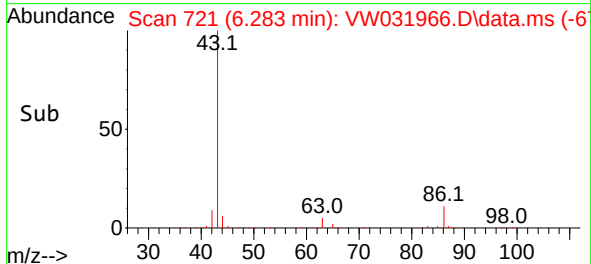
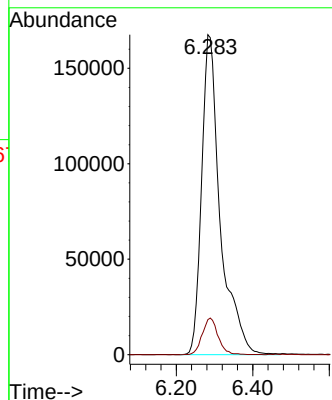
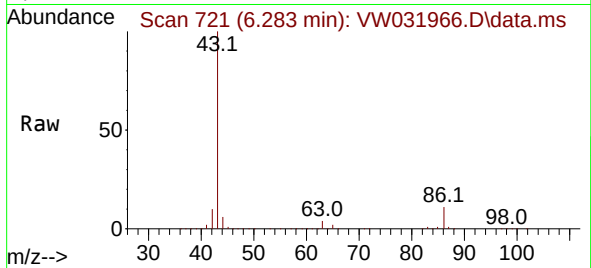




#23
 Vinyl Acetate
 Concen: 96.696 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. -0.006 min
 Lab File: VW031966.D
 Acq: 31 Jul 2025 12:24

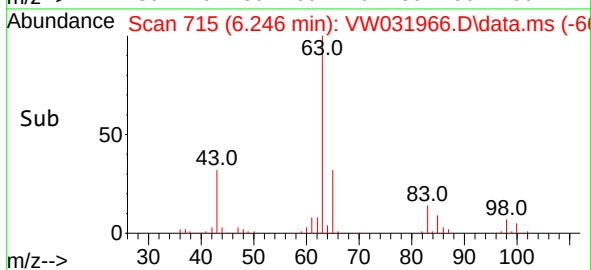
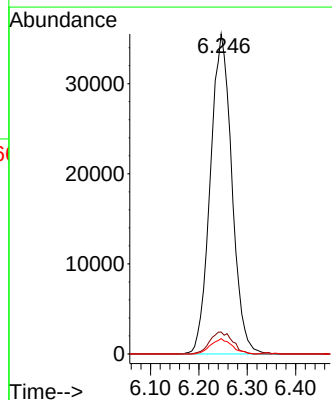
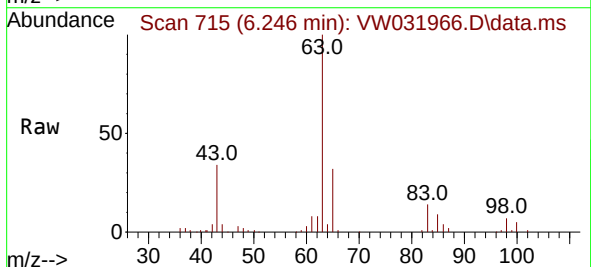
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0731SBS01

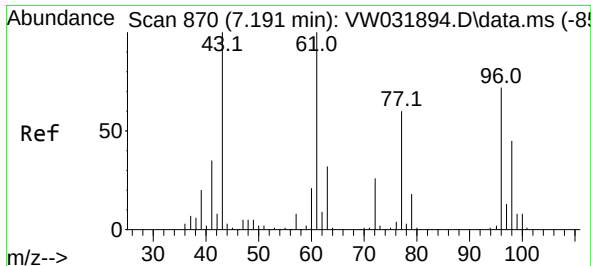
Tgt Ion: 43 Resp: 566856
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 19.677 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW031966.D
 Acq: 31 Jul 2025 12:24

Tgt Ion: 63 Resp: 109929
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.8 2.2 6.6

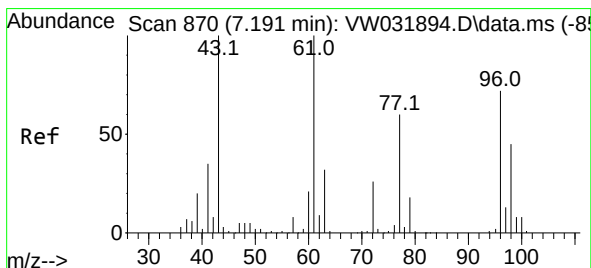
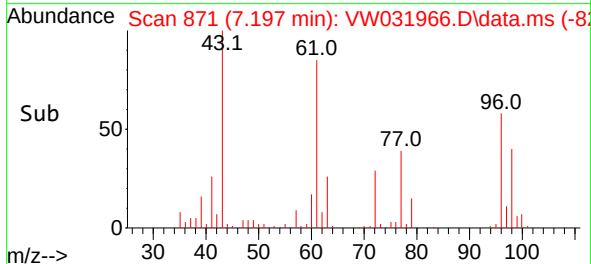
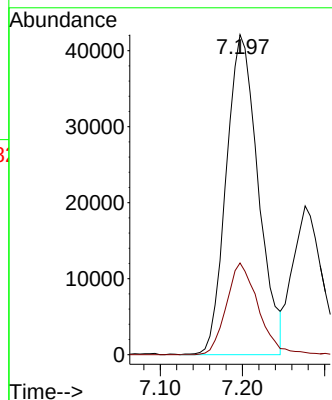
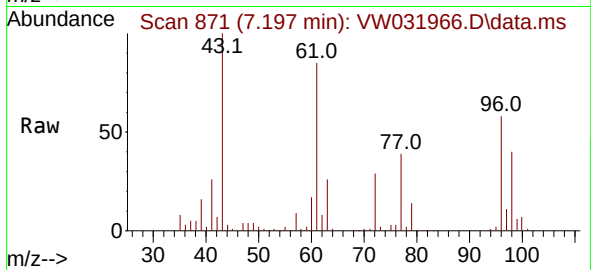




#25
2-Butanone
Concen: 107.580 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

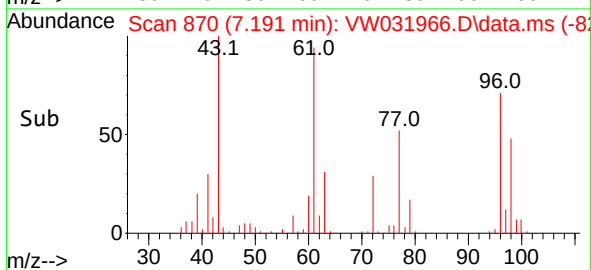
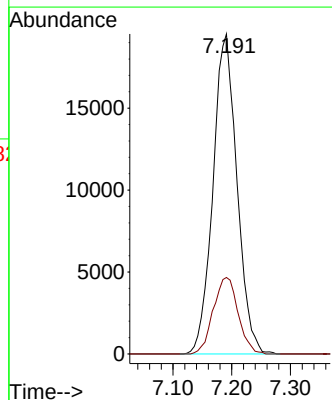
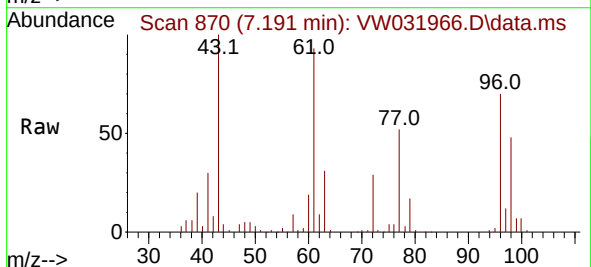
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

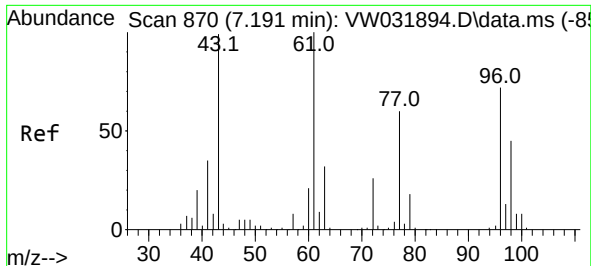
Tgt Ion: 43 Resp: 114148
Ion Ratio Lower Upper
43 100
72 28.6 20.8 31.2



#26
2,2-Dichloropropane
Concen: 17.523 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 77 Resp: 55424
Ion Ratio Lower Upper
77 100
97 24.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.434 ug/l

RT: 7.191 min Scan# 81

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0731SBS01

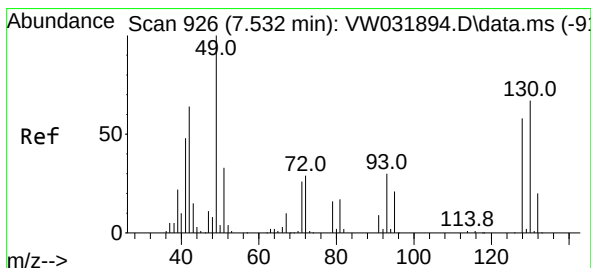
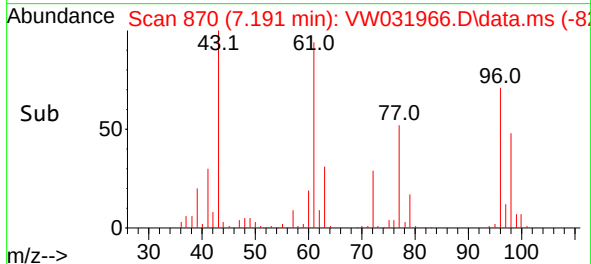
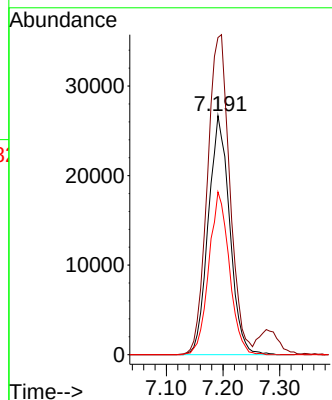
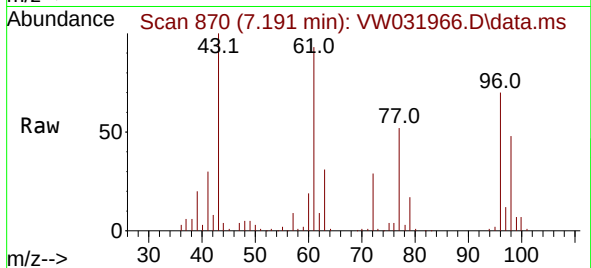
Tgt Ion: 96 Resp: 69828

Ion Ratio Lower Upper

96 100

61 140.5 0.0 280.2

98 65.4 0.0 126.8



#28

Bromochloromethane

Concen: 16.729 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

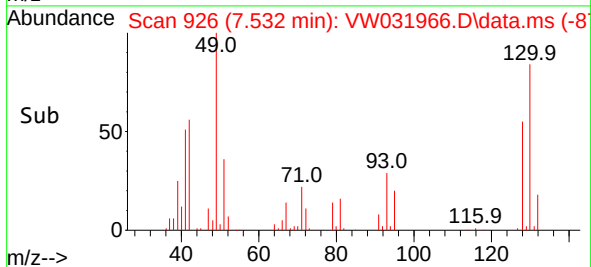
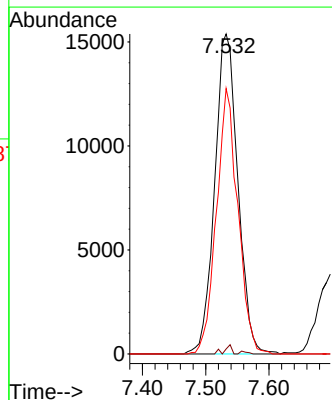
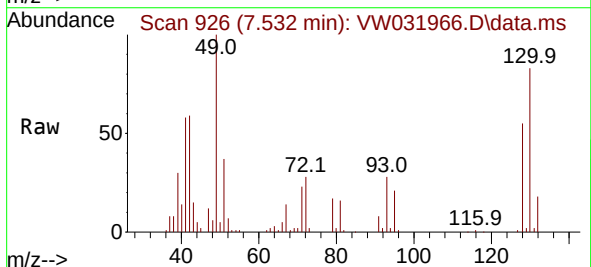
Tgt Ion: 49 Resp: 39131

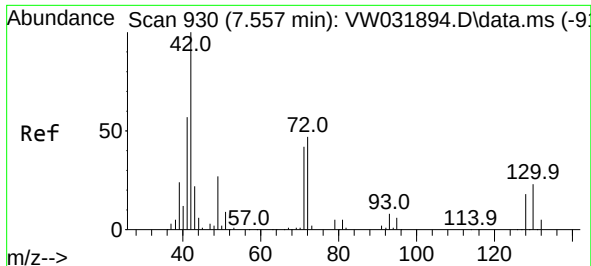
Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.4

130 76.8 59.0 88.4





#29

Tetrahydrofuran

Concen: 108.768 ug/l

RT: 7.557 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0731SBS01

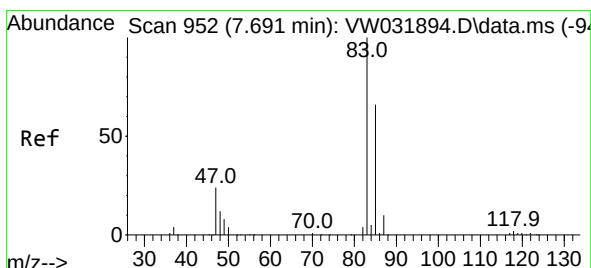
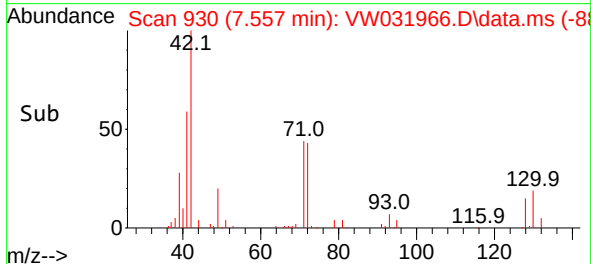
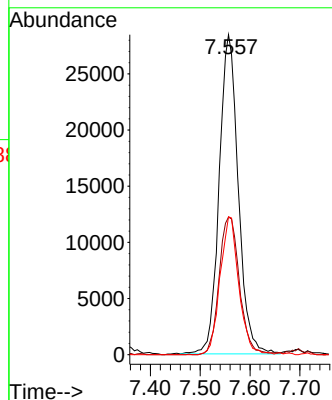
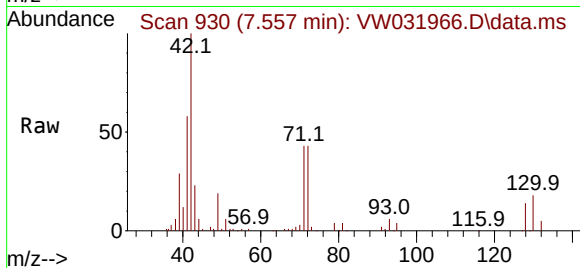
Tgt Ion: 42 Resp: 75665

Ion Ratio Lower Upper

42 100

72 45.8 37.0 55.6

71 42.3 34.5 51.7



#30

Chloroform

Concen: 19.994 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW031966.D

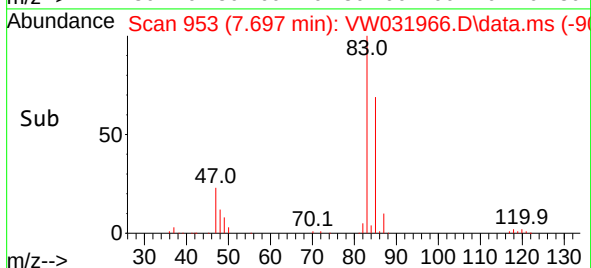
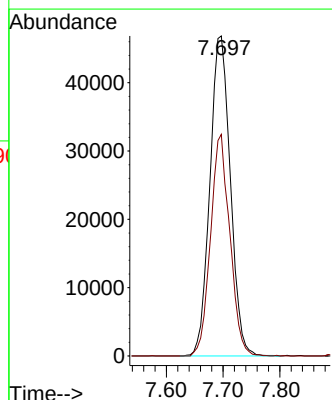
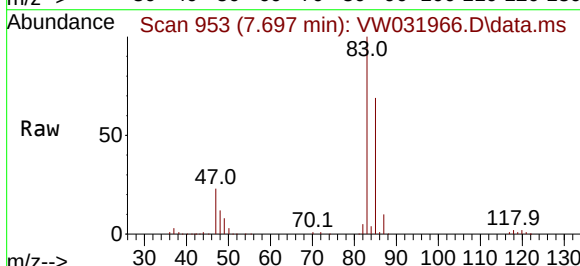
Acq: 31 Jul 2025 12:24

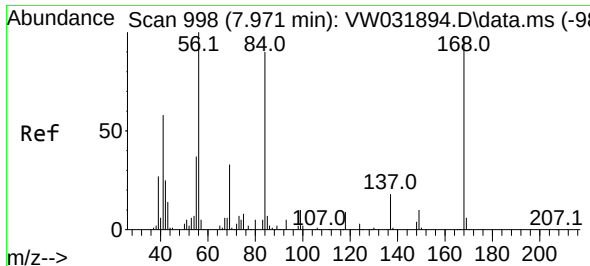
Tgt Ion: 83 Resp: 117118

Ion Ratio Lower Upper

83 100

85 69.2 52.6 78.8

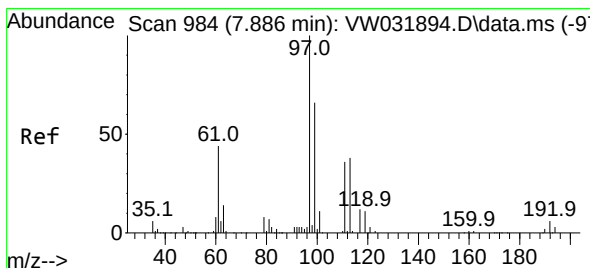
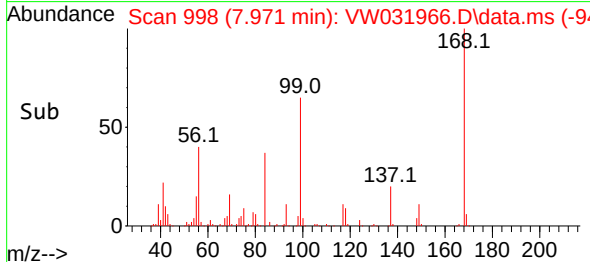
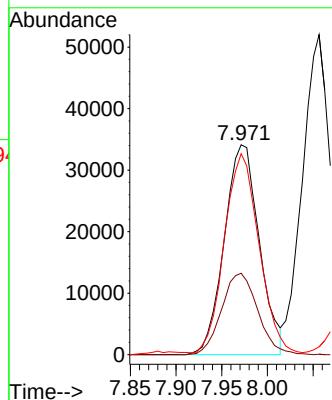
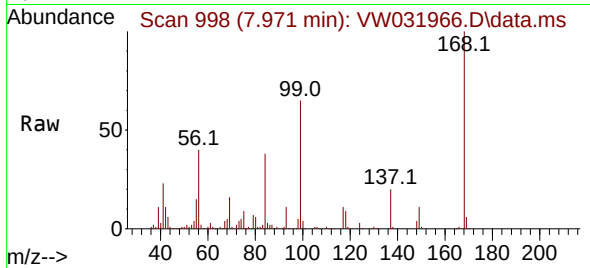




#31
Cyclohexane
Concen: 18.141 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

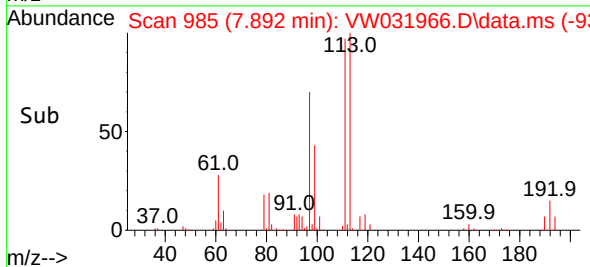
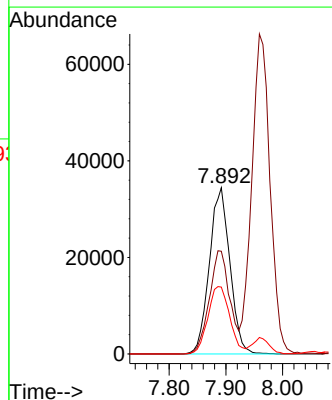
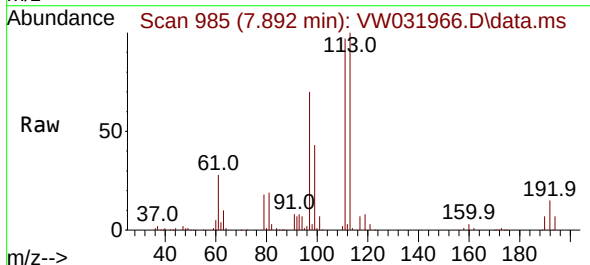
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

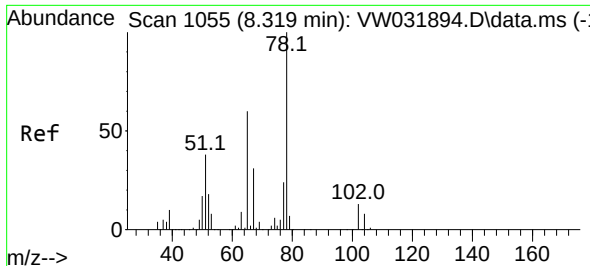
Tgt Ion: 56	Resp: 90924
Ion Ratio	Lower Upper
56	100
69	38.5 26.7 40.1
84	94.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.415 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 97	Resp: 86540
Ion Ratio	Lower Upper
97	100
99	61.8 53.0 79.4
61	43.3 35.4 53.0

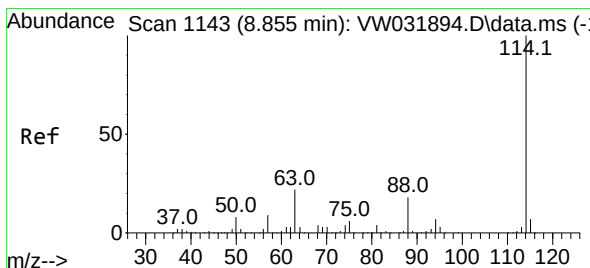
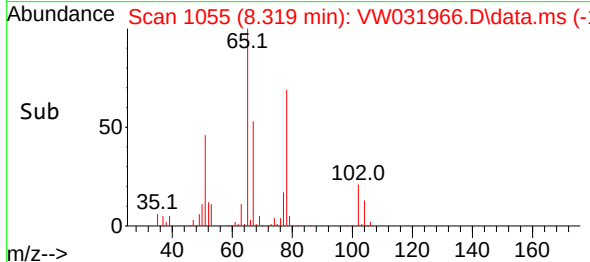
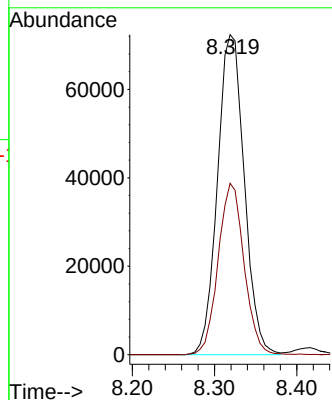
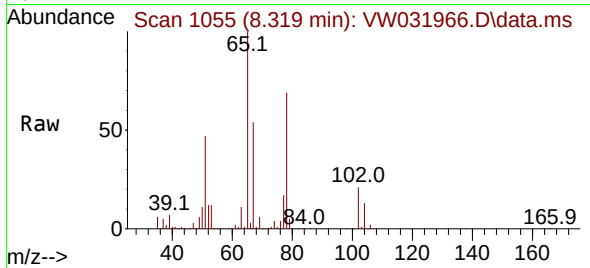




#33
 1,2-Dichloroethane-d4
 Concen: 50.222 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW031966.D
 Acq: 31 Jul 2025 12:24

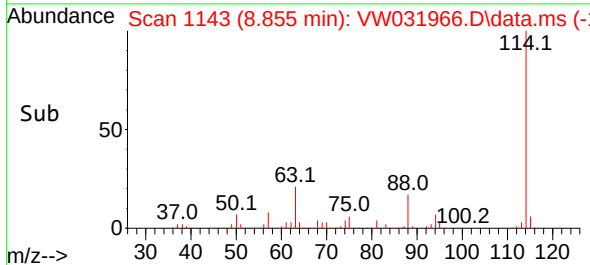
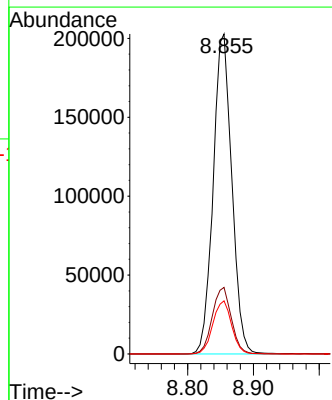
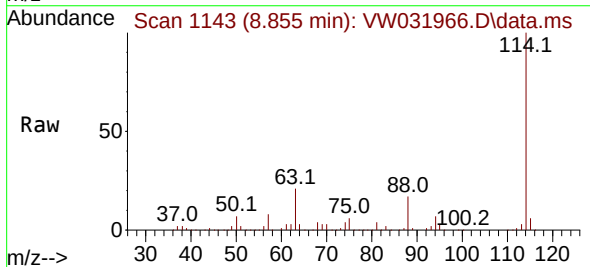
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0731SBS01

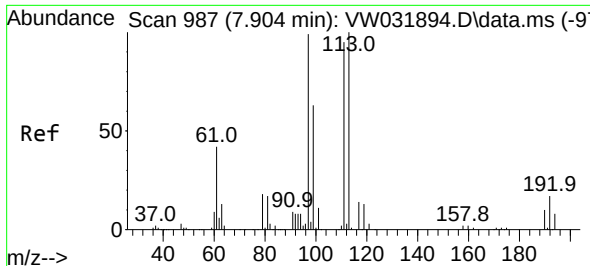
Tgt Ion: 65 Resp: 164130
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW031966.D
 Acq: 31 Jul 2025 12:24

Tgt Ion: 114 Resp: 400306
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 44.2
 88 16.6 0.0 35.6

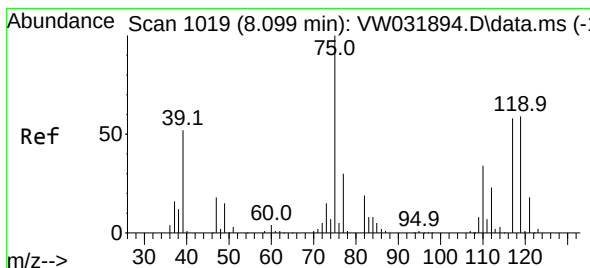
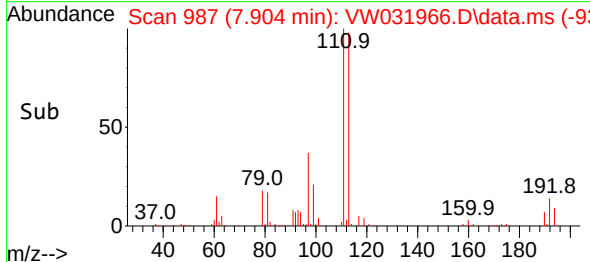
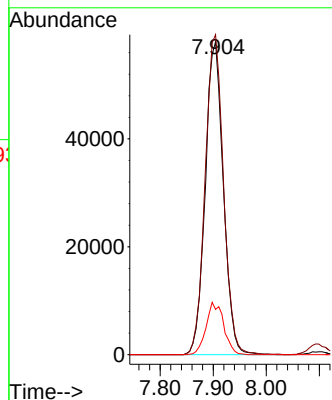
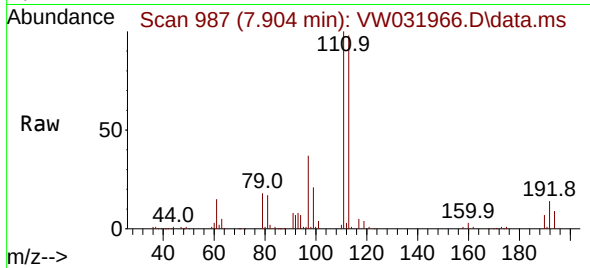




#35
 Dibromofluoromethane
 Concen: 50.500 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW031966.D
 Acq: 31 Jul 2025 12:24

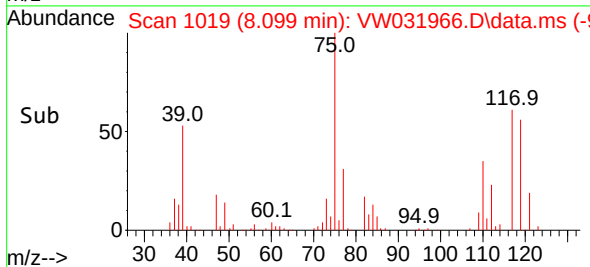
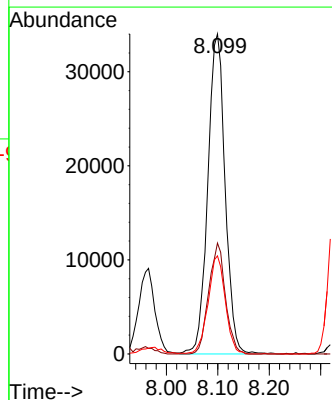
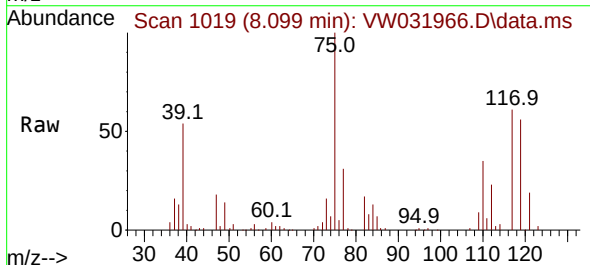
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0731SBS01

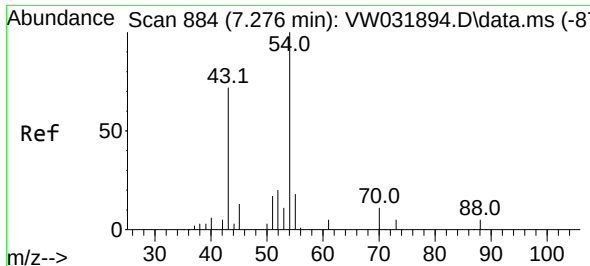
Tgt Ion:113 Resp: 137368
 Ion Ratio Lower Upper
 113 100
 111 103.8 79.9 119.9
 192 16.3 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 19.053 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. -0.000 min
 Lab File: VW031966.D
 Acq: 31 Jul 2025 12:24

Tgt Ion: 75 Resp: 79593
 Ion Ratio Lower Upper
 75 100
 110 33.3 17.0 50.9
 77 30.4 25.1 37.7

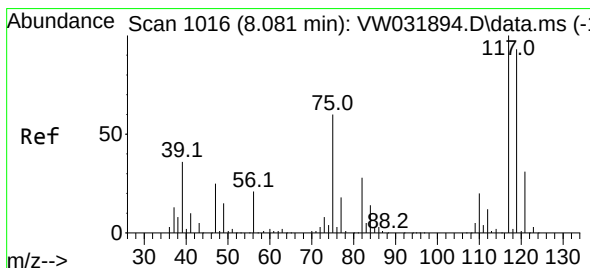
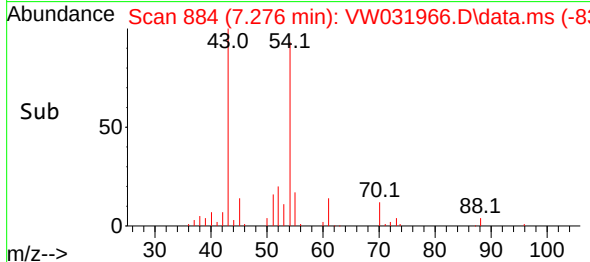
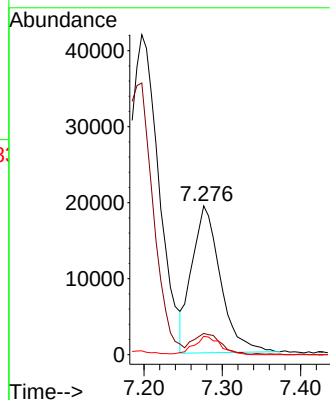
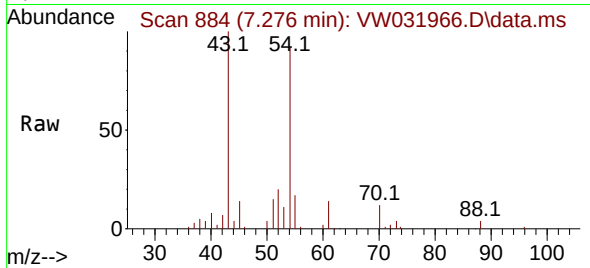




#37
Ethyl Acetate
Concen: 20.617 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

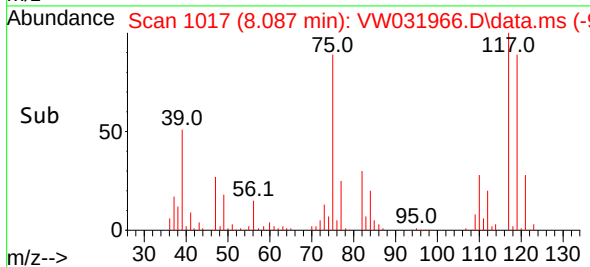
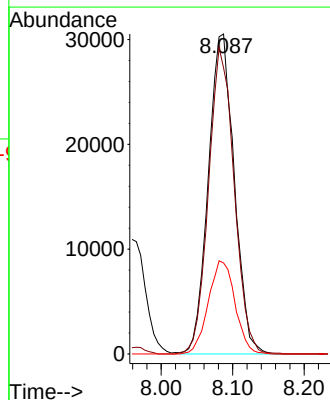
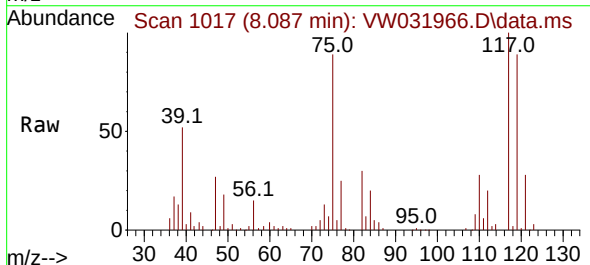
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

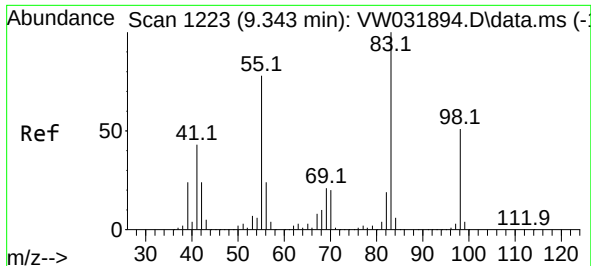
Tgt Ion: 43	Resp: 49130
Ion Ratio	Lower Upper
43 100	
61 13.7	10.6 15.8
70 11.5	9.0 13.4



#38
Carbon Tetrachloride
Concen: 19.187 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion:117	Resp:	76922	
Ion	Ratio	Lower	Upper
117	100		
119	89.2	74.3	111.5
121	28.5	24.6	37.0





#39

Methylcyclohexane

Concen: 18.110 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0731SBS01

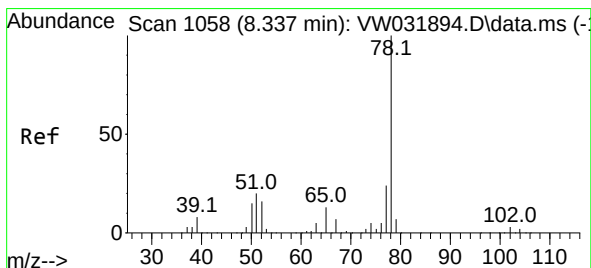
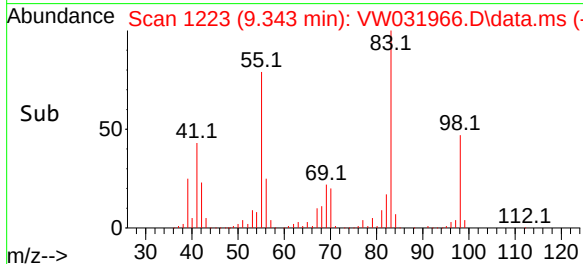
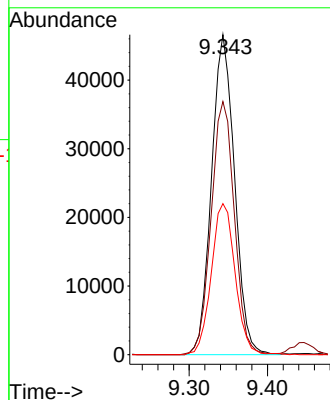
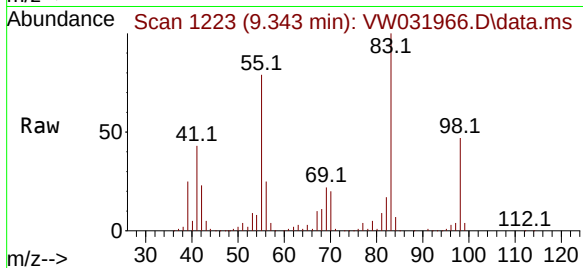
Tgt Ion: 83 Resp: 95204

Ion Ratio Lower Upper

83 100

55 79.1 62.5 93.7

98 47.2 40.6 61.0



#40

Benzene

Concen: 19.824 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW031966.D

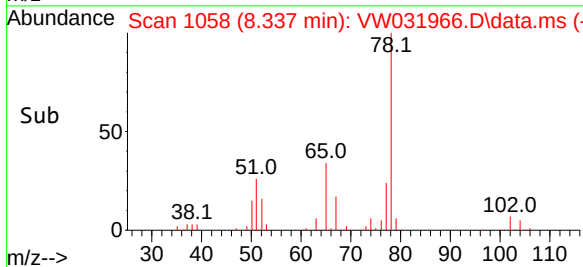
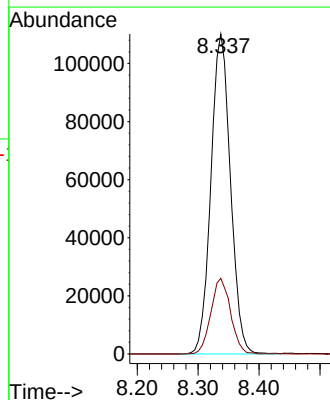
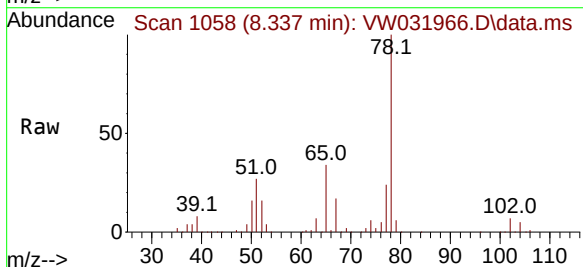
Acq: 31 Jul 2025 12:24

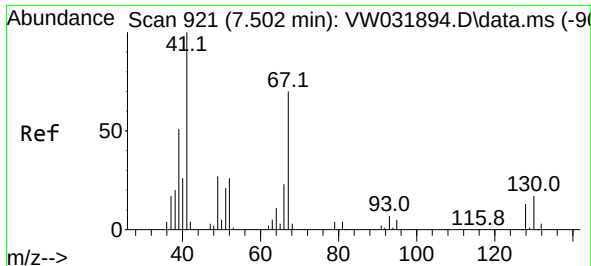
Tgt Ion: 78 Resp: 245134

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

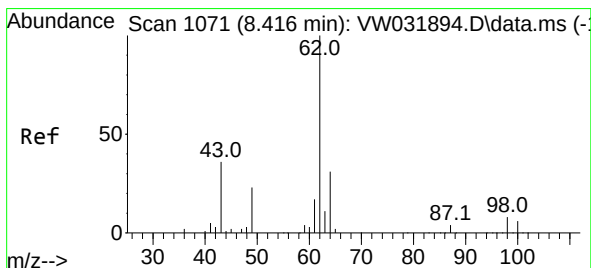
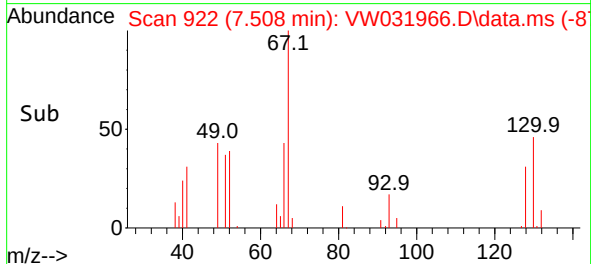
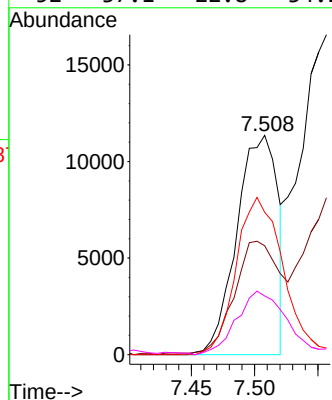
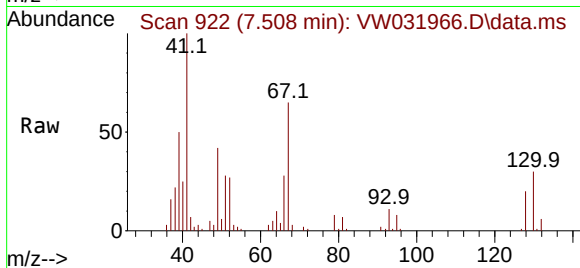




#41
Methacrylonitrile
Concen: 18.001 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

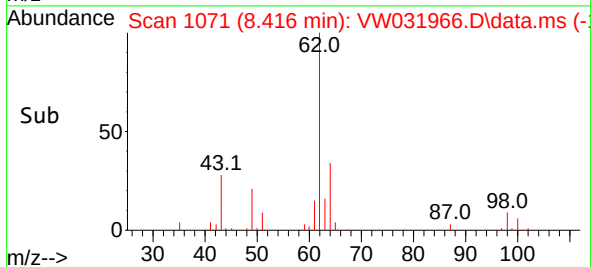
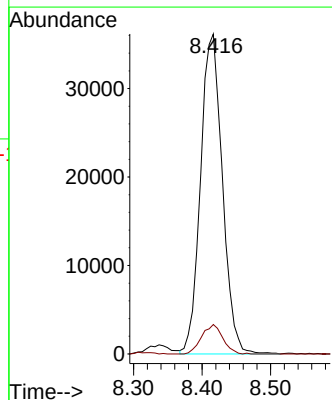
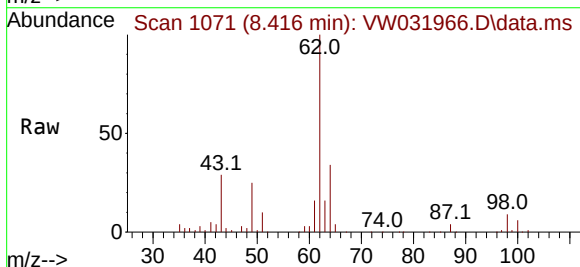
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

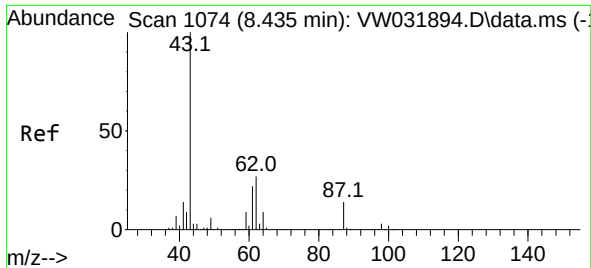
Tgt Ion:	41	Resp:	25678
Ion	Ratio	Lower	Upper
41	100		
39	59.5	41.1	61.7
67	82.3	56.2	84.4
52	37.1	22.8	34.2



#42
1,2-Dichloroethane
Concen: 20.313 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion:	62	Resp:	80391
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2





#43

Isopropyl Acetate

Concen: 20.110 ug/l

RT: 8.441 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0731SBS01

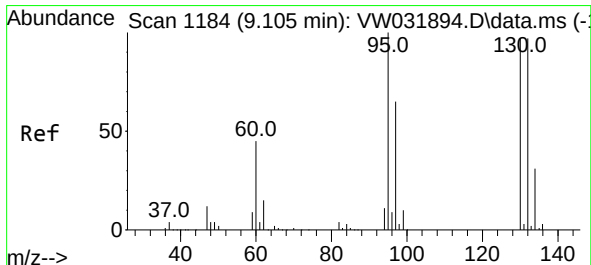
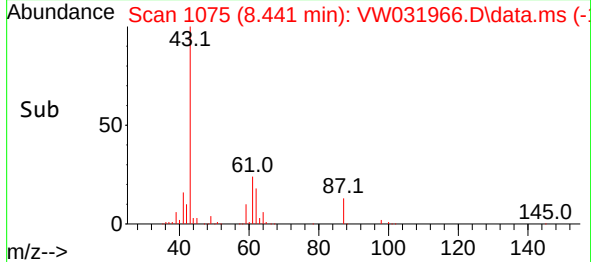
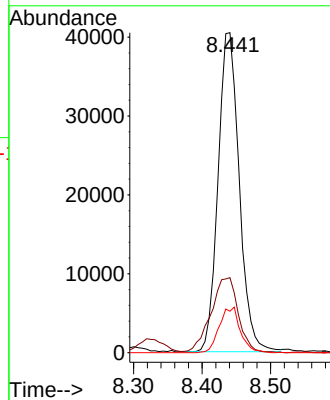
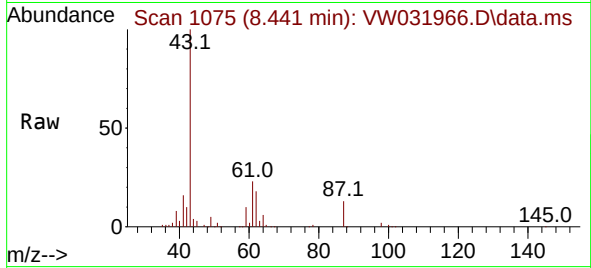
Tgt Ion: 43 Resp: 86755

Ion Ratio Lower Upper

43 100

61 30.5 24.0 36.0

87 14.1 11.1 16.7



#44

Trichloroethene

Concen: 19.501 ug/l

RT: 9.105 min Scan# 1184

Delta R.T. -0.000 min

Lab File: VW031966.D

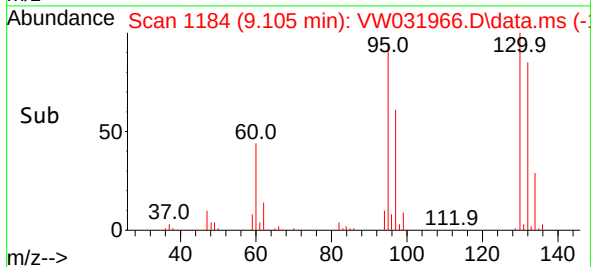
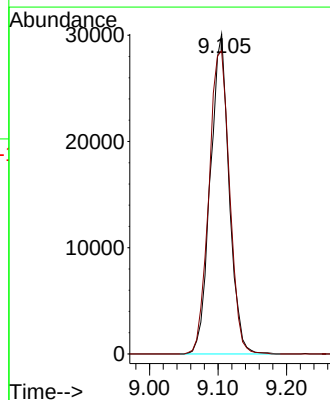
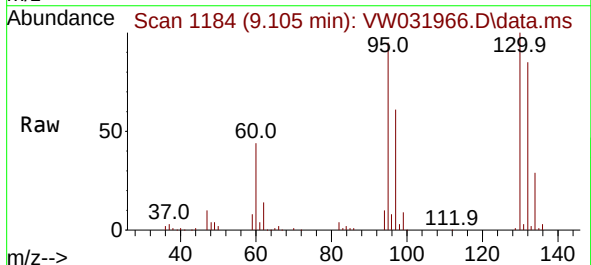
Acq: 31 Jul 2025 12:24

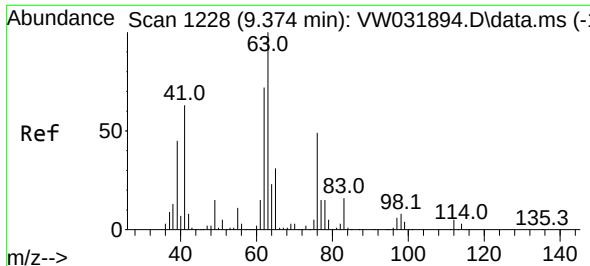
Tgt Ion:130 Resp: 57319

Ion Ratio Lower Upper

130 100

95 94.7 0.0 206.4





#45

1,2-Dichloropropane

Concen: 19.882 ug/l

RT: 9.380 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

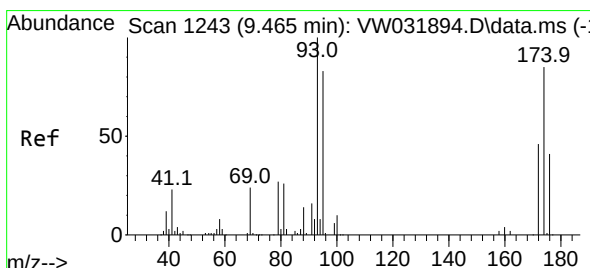
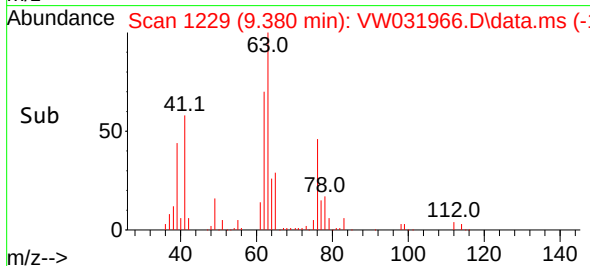
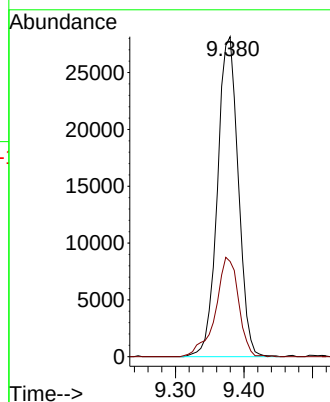
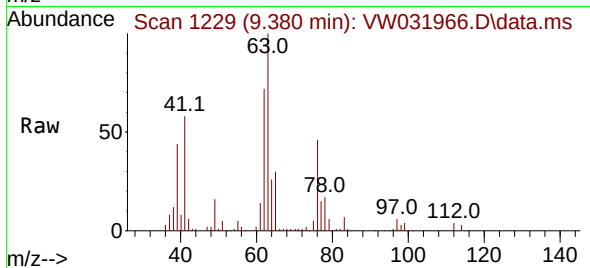
VW0731SBS01

Tgt Ion: 63 Resp: 59212

Ion Ratio Lower Upper

63 100

65 29.7 25.0 37.4



#46

Dibromomethane

Concen: 20.623 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

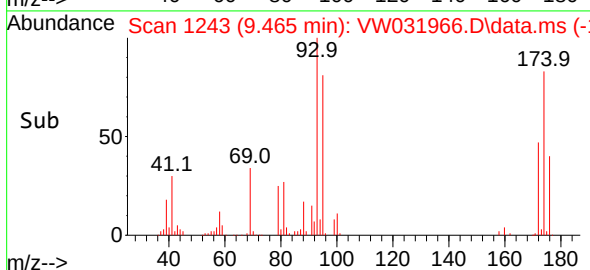
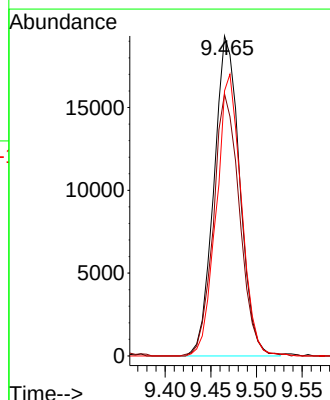
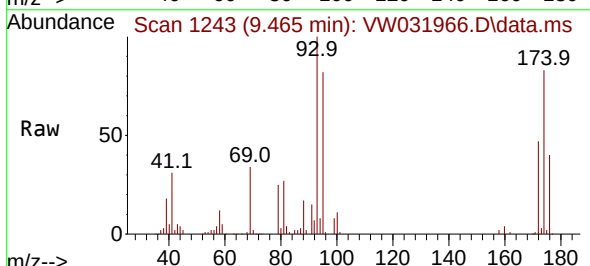
Tgt Ion: 93 Resp: 38073

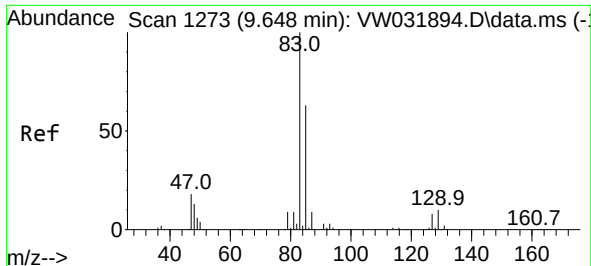
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.6

174 85.0 70.2 105.2

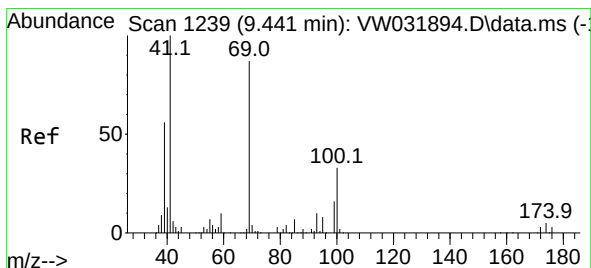
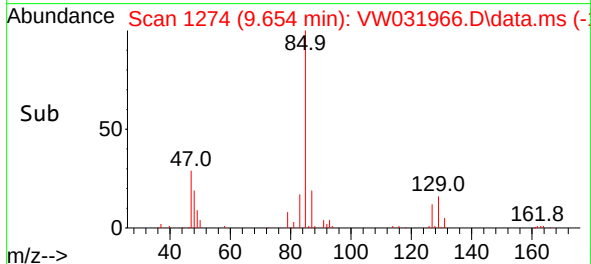
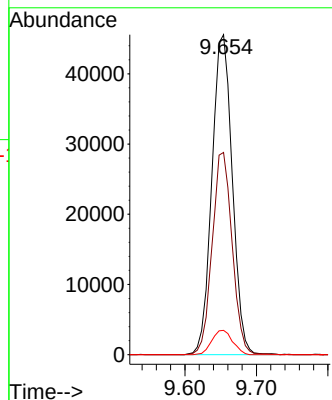
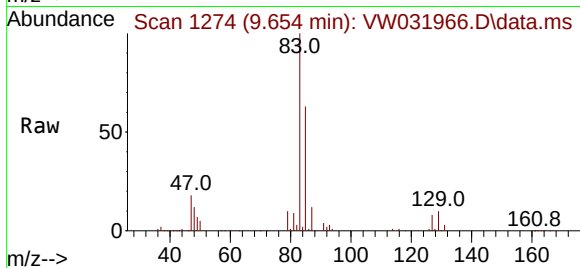




#47
Bromodichloromethane
Concen: 20.380 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

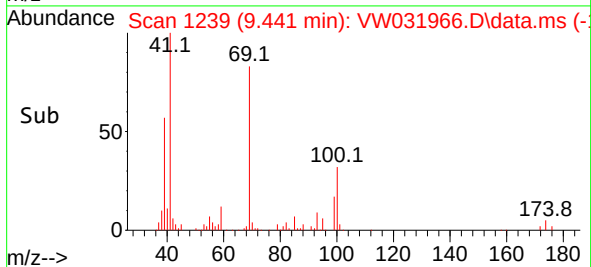
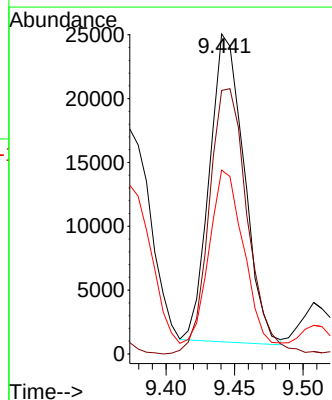
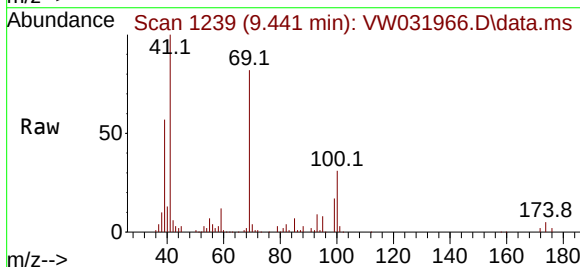
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

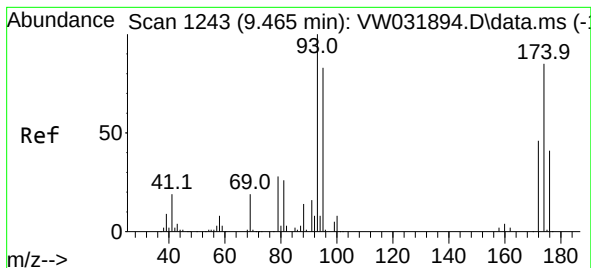
Tgt Ion: 83 Resp: 90219
Ion Ratio Lower Upper
83 100
85 63.2 50.6 76.0
127 7.6 6.5 9.7



#48
Methyl methacrylate
Concen: 20.591 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 41 Resp: 42261
Ion Ratio Lower Upper
41 100
69 95.8 73.6 110.4
39 56.2 45.5 68.3

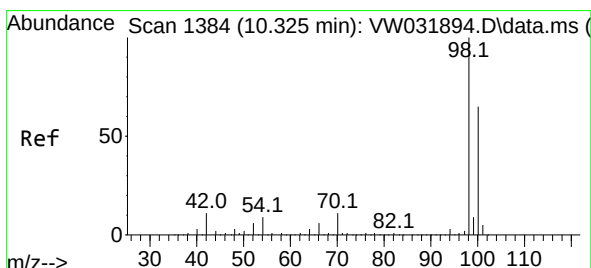
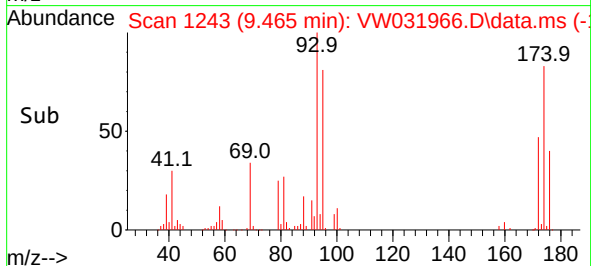
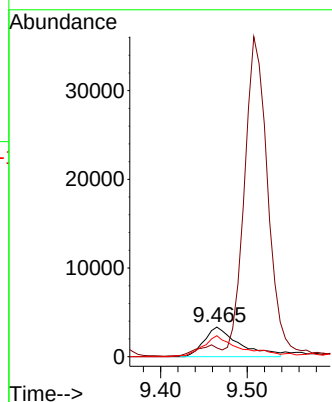
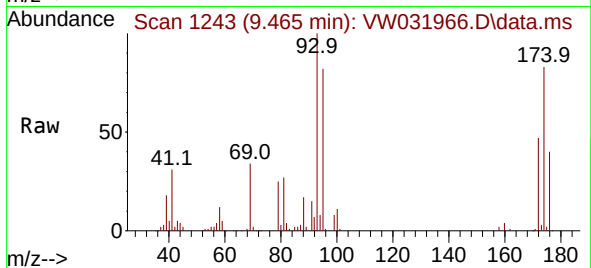




#49
1,4-Dioxane
Concen: 505.076 ug/l
RT: 9.465 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

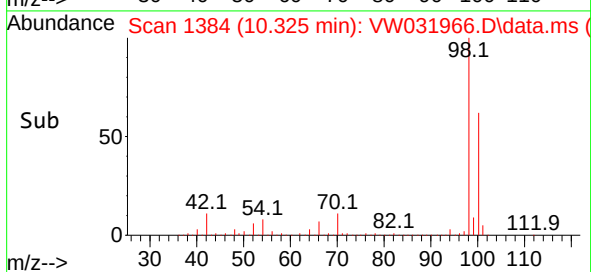
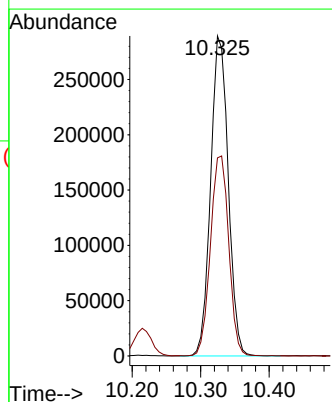
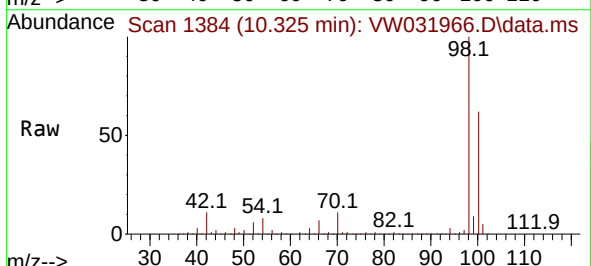
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

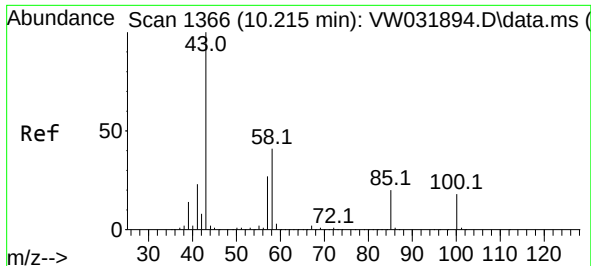
Tgt Ion: 88 Resp: 9304
Ion Ratio Lower Upper
88 100
43 25.6 19.0 28.4
58 78.0 58.2 87.2



#50
Toluene-d8
Concen: 50.240 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 98 Resp: 517215
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5

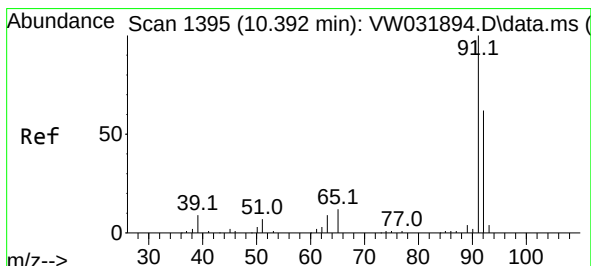
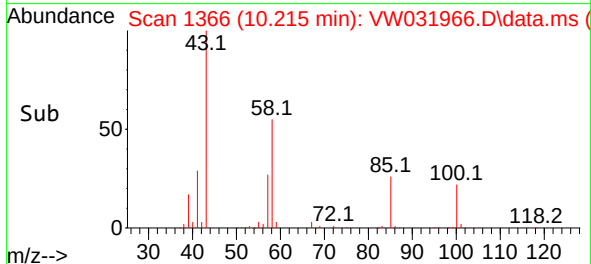
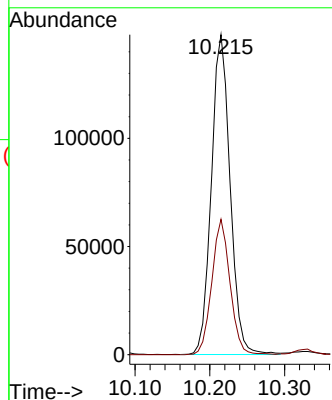
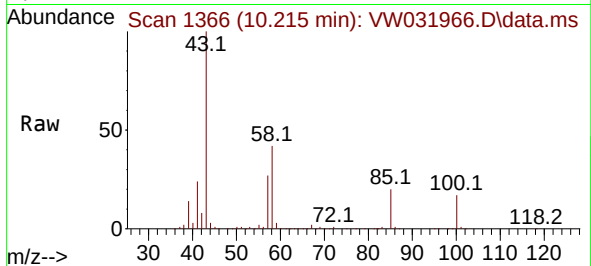




#51
4-Methyl-2-Pentanone
Concen: 109.413 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

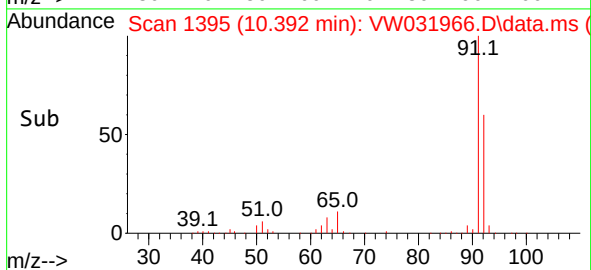
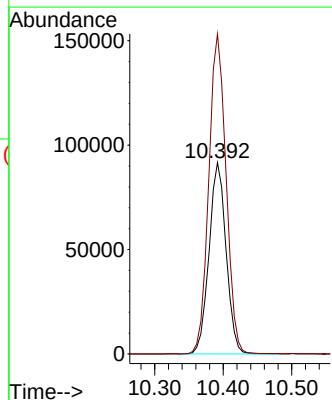
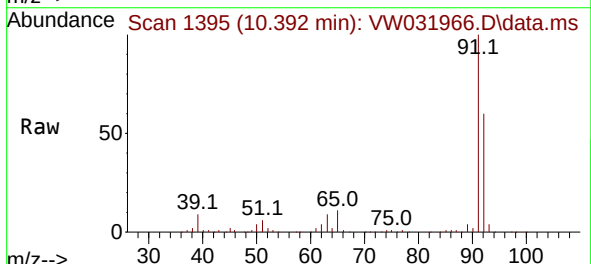
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

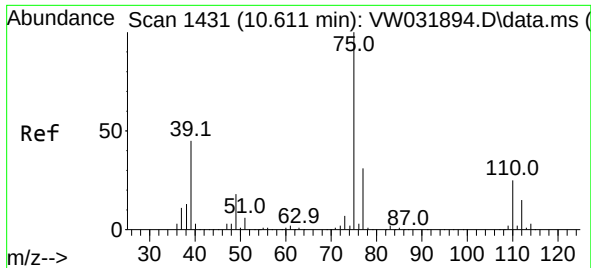
Tgt Ion: 43 Resp: 258319
Ion Ratio Lower Upper
43 100
58 41.1 32.8 49.2



#52
Toluene
Concen: 19.927 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 92 Resp: 158405
Ion Ratio Lower Upper
92 100
91 169.6 133.7 200.5

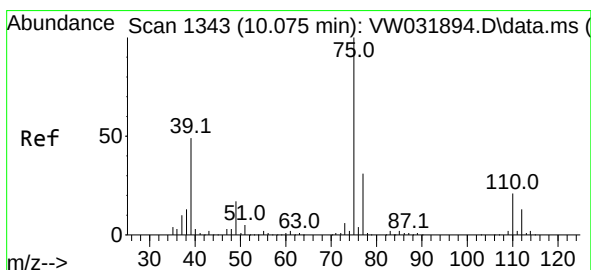
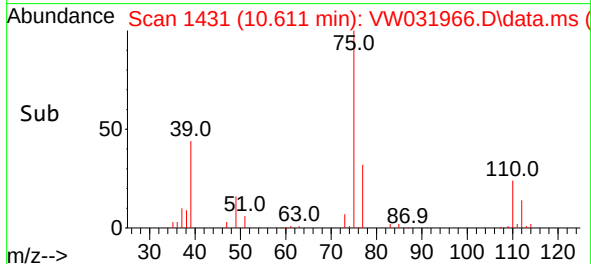
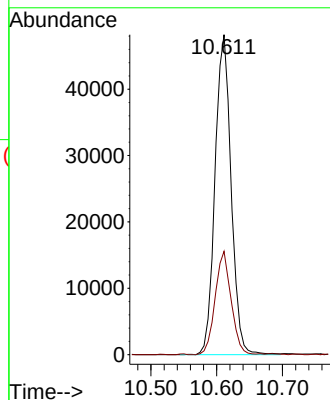
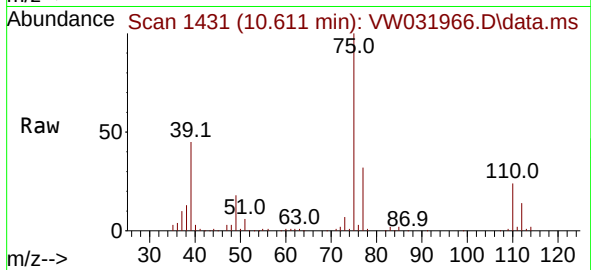




#53
t-1,3-Dichloropropene
Concen: 19.332 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

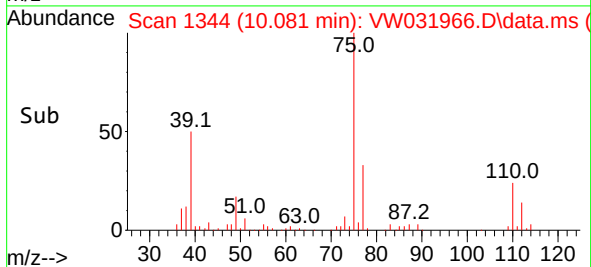
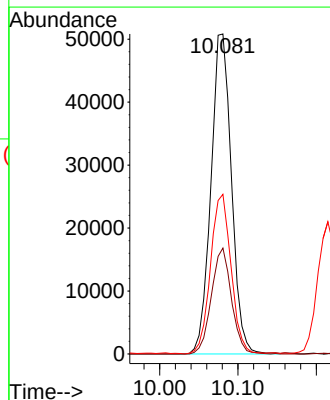
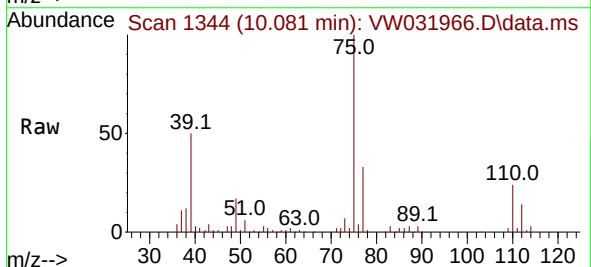
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

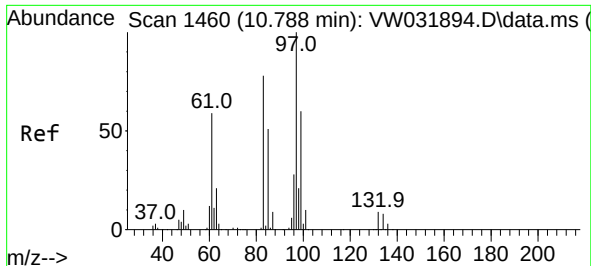
Tgt Ion: 75 Resp: 82091
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 19.081 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 75 Resp: 92532
Ion Ratio Lower Upper
75 100
77 33.1 24.5 36.7
39 49.8 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 21.258 ug/l

RT: 10.794 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0731SBS01

Tgt Ion: 97 Resp: 52128

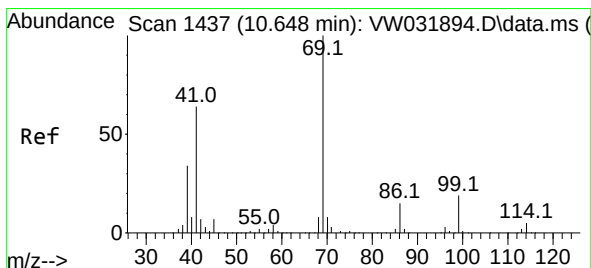
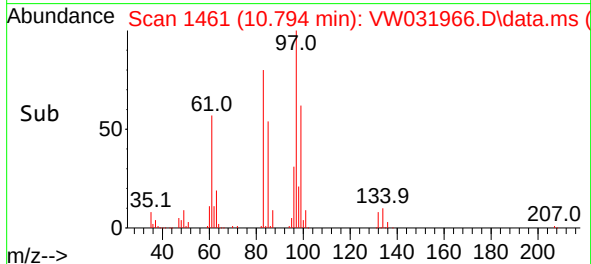
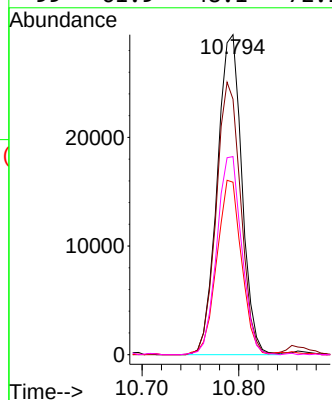
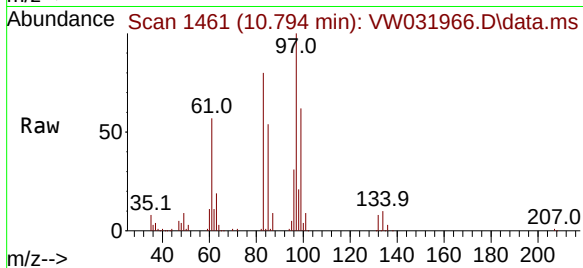
Ion Ratio Lower Upper

97 100

83 79.9 62.4 93.6

85 53.9 41.0 61.6

99 61.9 48.1 72.1



#56

Ethyl methacrylate

Concen: 20.501 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

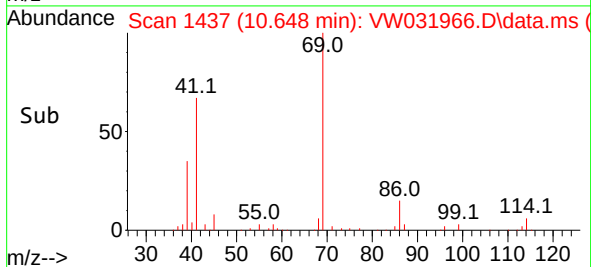
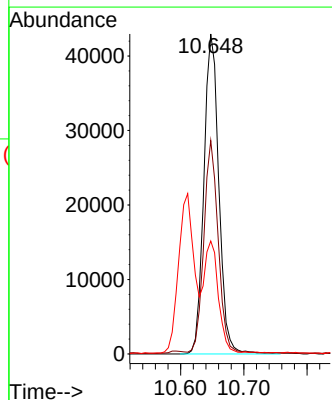
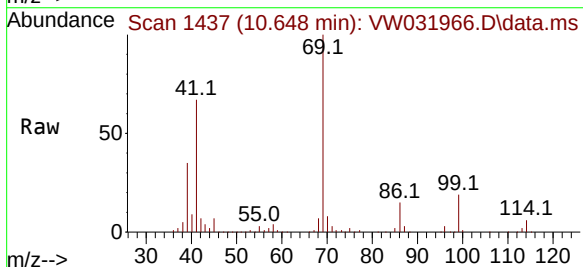
Tgt Ion: 69 Resp: 71000

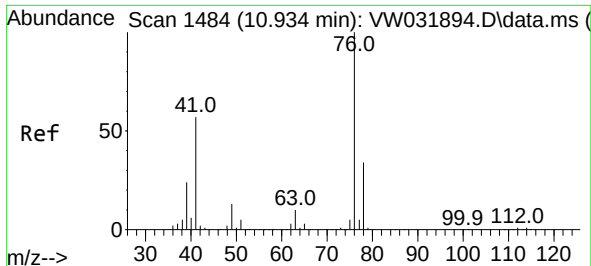
Ion Ratio Lower Upper

69 100

41 63.3 52.0 78.0

39 33.1 26.6 40.0





#57

1,3-Dichloropropane

Concen: 21.217 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

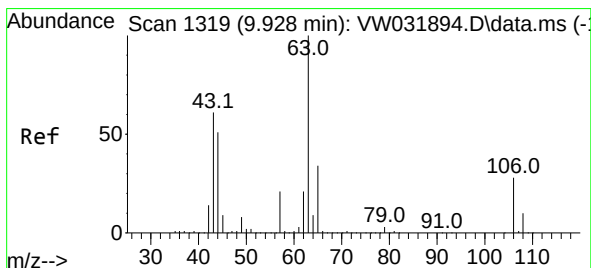
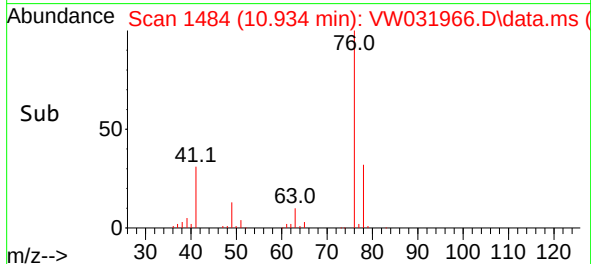
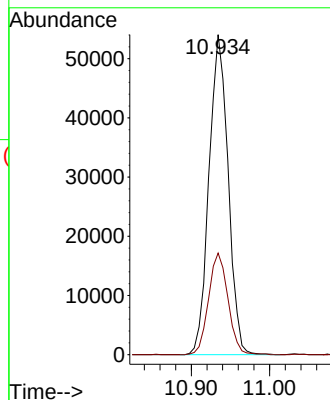
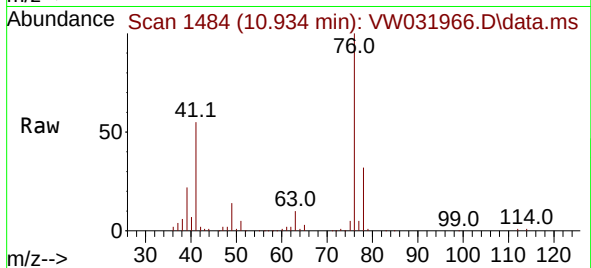
VW0731SBS01

Tgt Ion: 76 Resp: 91662

Ion Ratio Lower Upper

76 100

78 32.2 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 98.784 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW031966.D

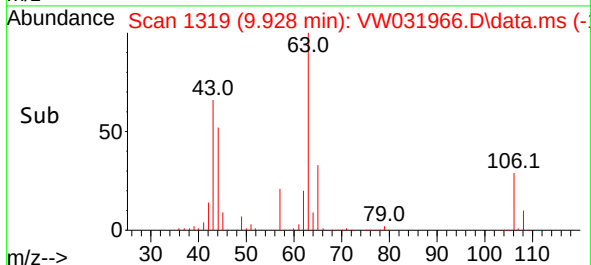
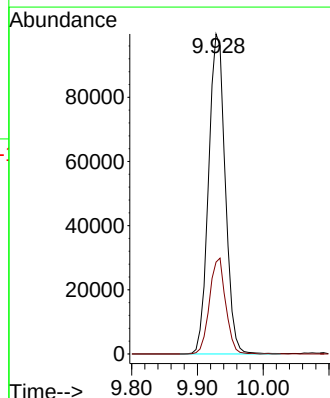
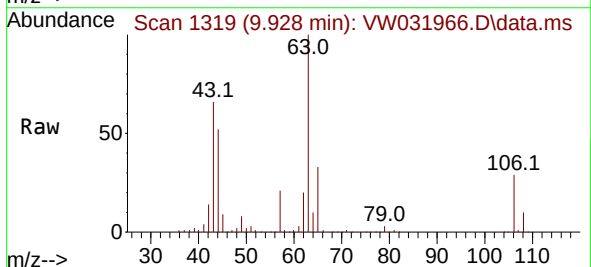
Acq: 31 Jul 2025 12:24

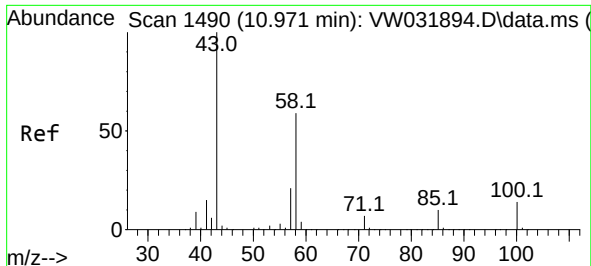
Tgt Ion: 63 Resp: 175729

Ion Ratio Lower Upper

63 100

106 29.1 22.7 34.1

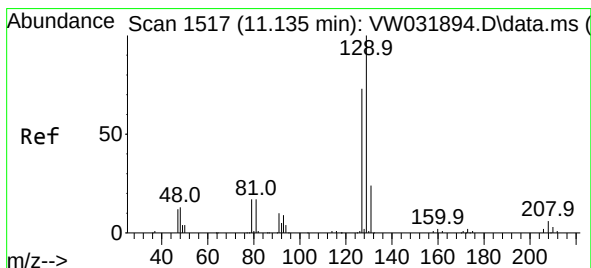
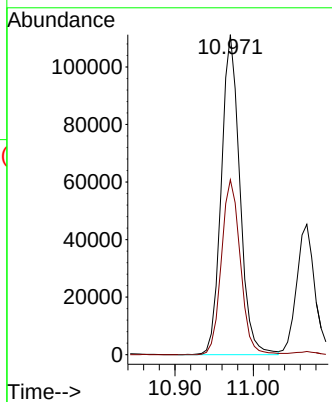
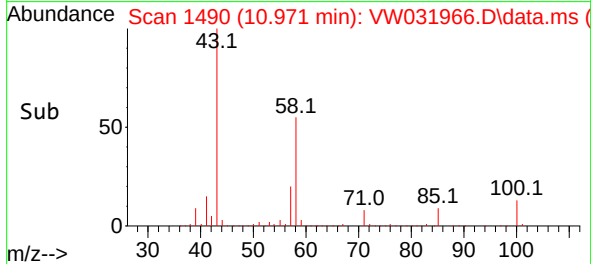
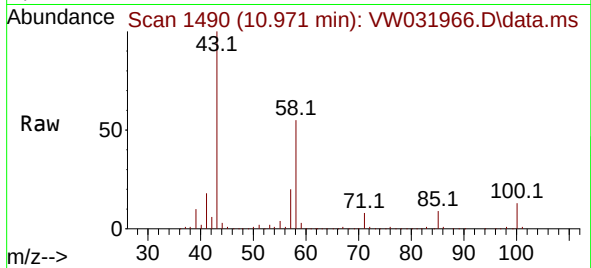




#59
2-Hexanone
Concen: 111.530 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

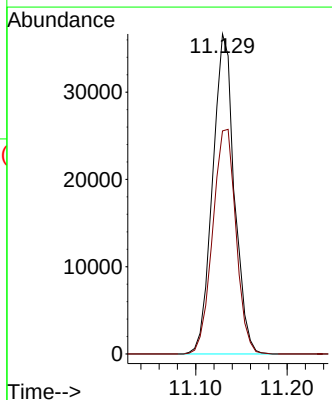
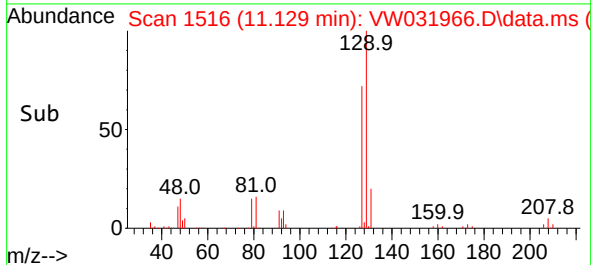
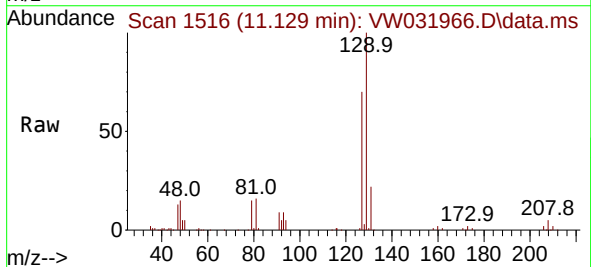
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

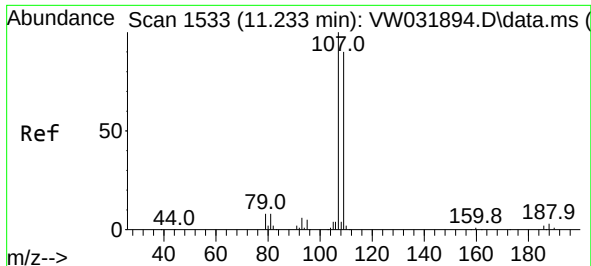
Tgt Ion: 43 Resp: 183030
Ion Ratio Lower Upper
43 100
58 56.0 28.5 85.6



#60
Dibromochloromethane
Concen: 21.149 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion:129 Resp: 60468
Ion Ratio Lower Upper
129 100
127 75.4 39.6 118.8

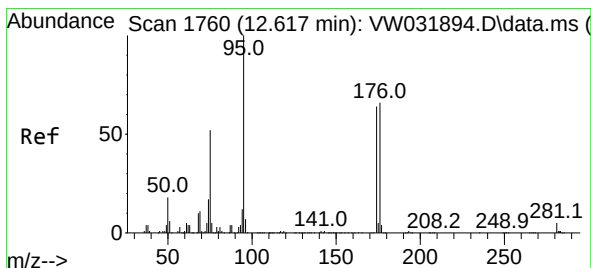
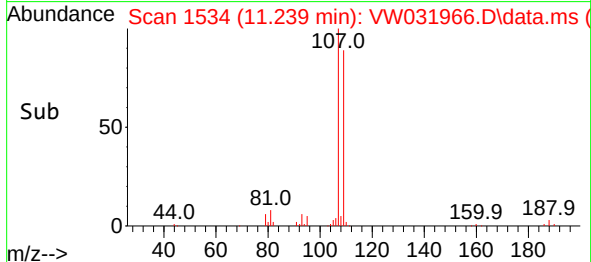
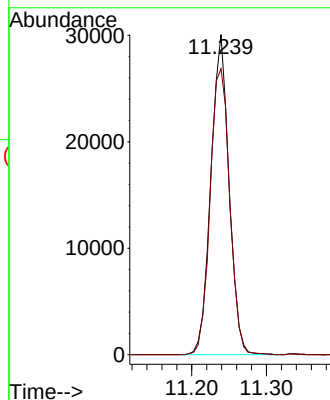
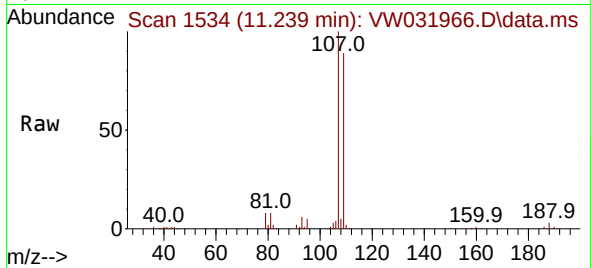




#61
1,2-Dibromoethane
Concen: 20.898 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

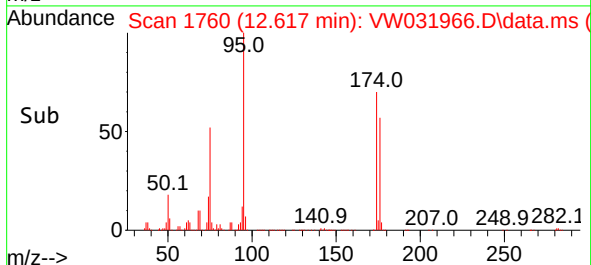
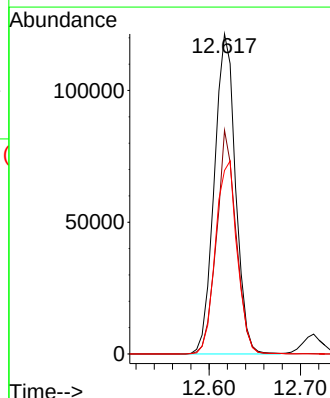
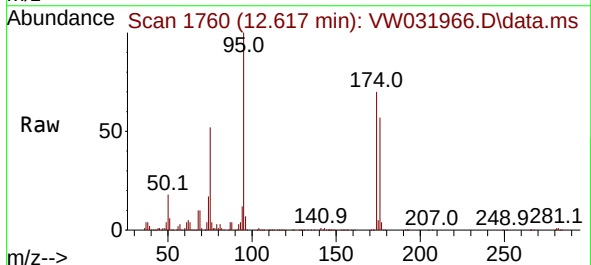
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

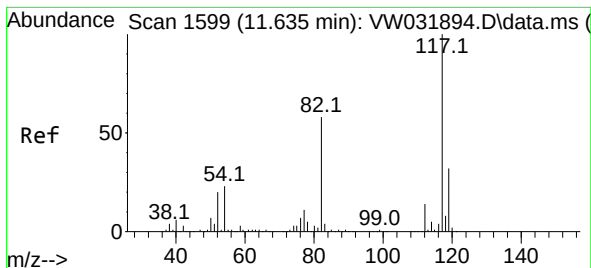
Tgt Ion:107 Resp: 50639
Ion Ratio Lower Upper
107 100
109 96.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.480 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 95 Resp: 195595
Ion Ratio Lower Upper
95 100
174 64.6 0.0 129.8
176 61.8 0.0 130.4

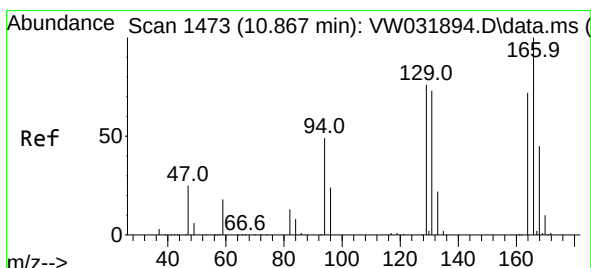
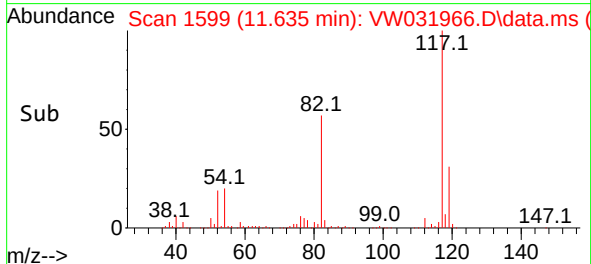
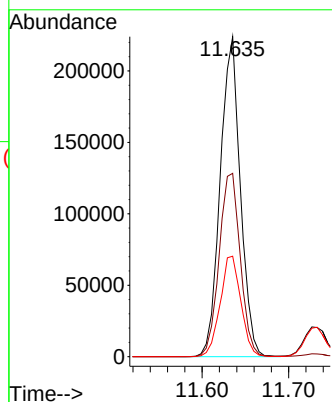
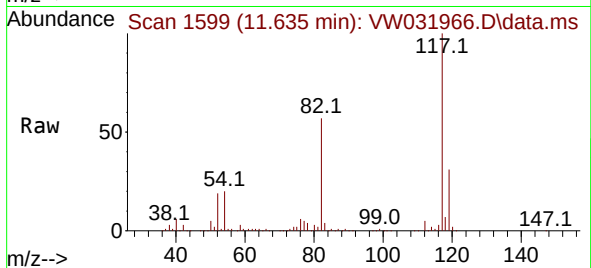




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

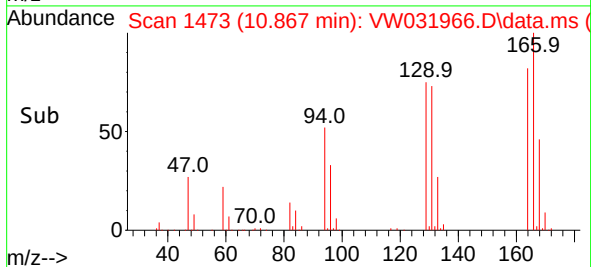
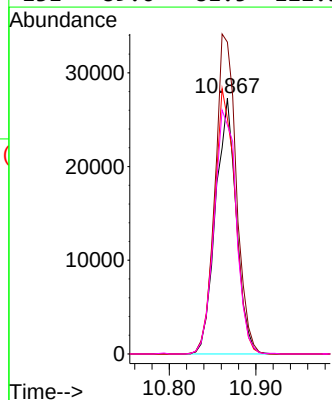
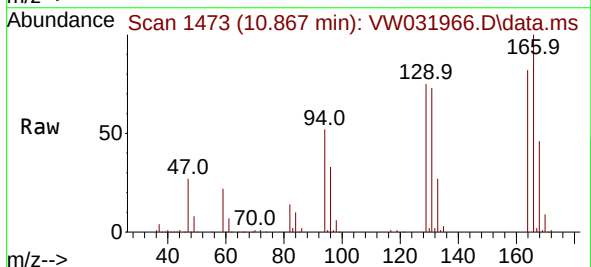
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

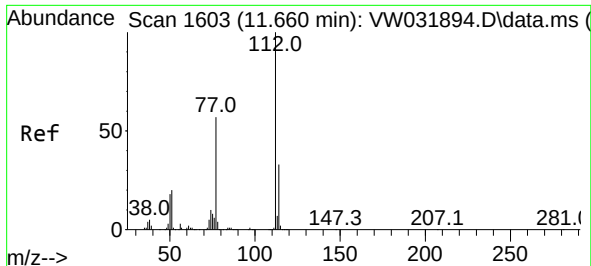
Tgt Ion:117 Resp: 361118
Ion Ratio Lower Upper
117 100
82 57.3 46.5 69.7
119 31.4 25.8 38.6



#64
Tetrachloroethene
Concen: 19.020 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion:164 Resp: 45285
Ion Ratio Lower Upper
164 100
166 122.0 111.5 167.3
129 92.1 85.1 127.7
131 89.6 81.5 122.3

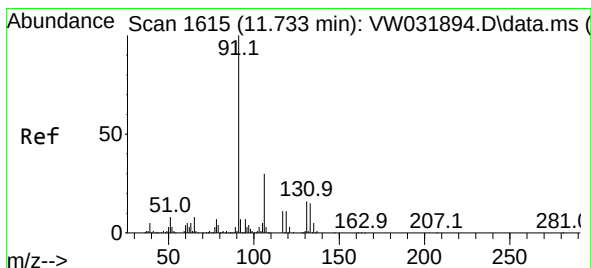
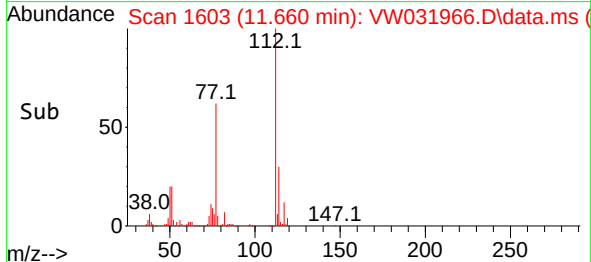
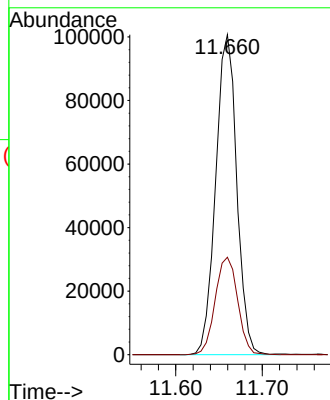
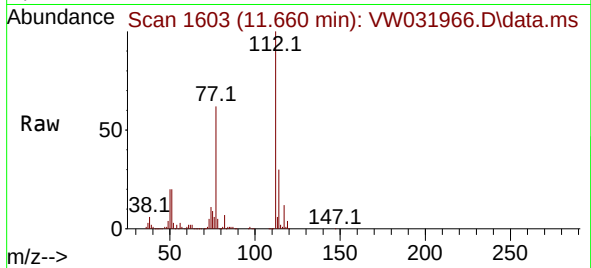




#65
Chlorobenzene
Concen: 19.250 ug/l
RT: 11.660 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

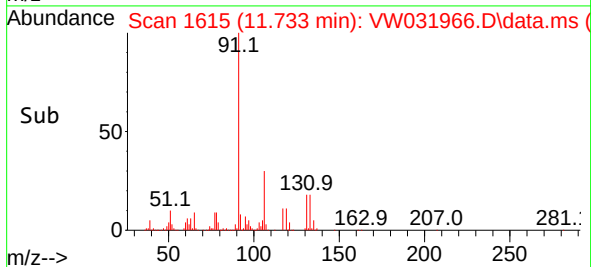
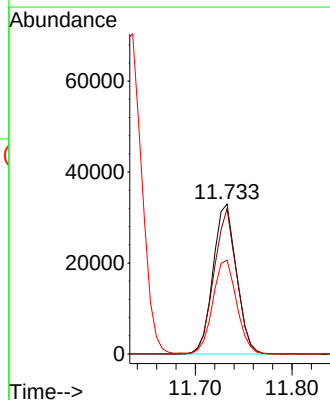
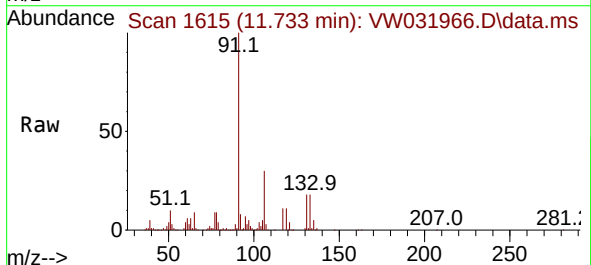
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

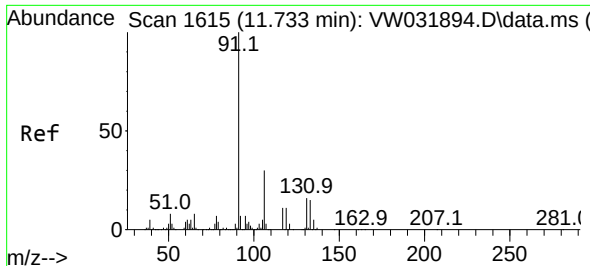
Tgt Ion:112 Resp: 170134
Ion Ratio Lower Upper
112 100
114 30.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.203 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion:131 Resp: 55355
Ion Ratio Lower Upper
131 100
133 94.0 48.1 144.4
119 63.9 33.7 101.1





#67

Ethyl Benzene

Concen: 18.854 ug/l

RT: 11.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

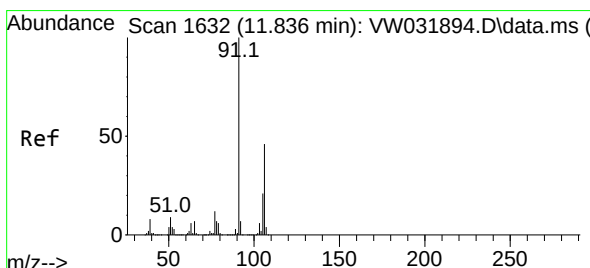
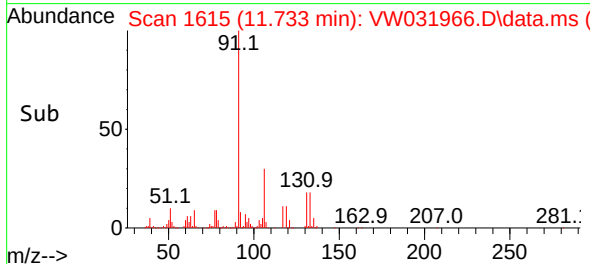
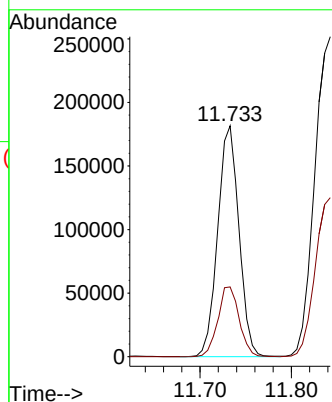
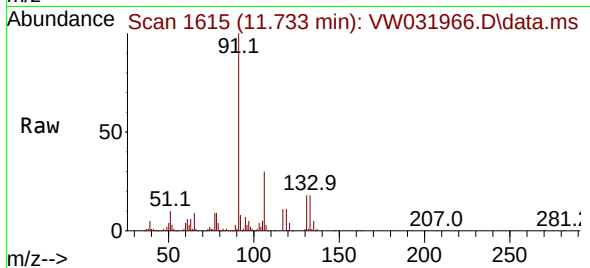
VW0731SBS01

Tgt Ion: 91 Resp: 292776

Ion Ratio Lower Upper

91 100

106 30.2 23.8 35.6



#68

m/p-Xylenes

Concen: 38.905 ug/l

RT: 11.843 min Scan# 1633

Delta R.T. 0.006 min

Lab File: VW031966.D

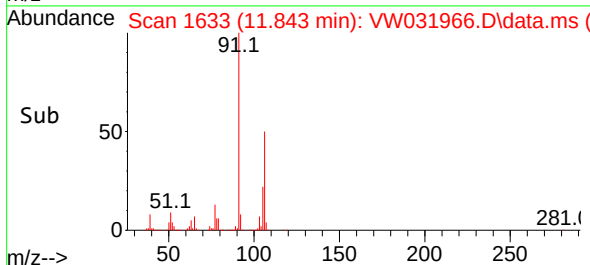
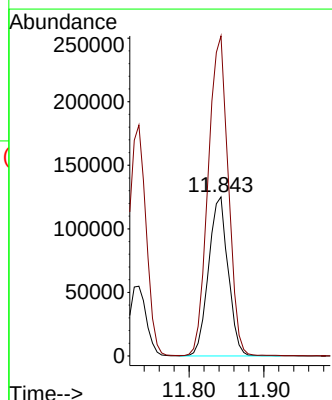
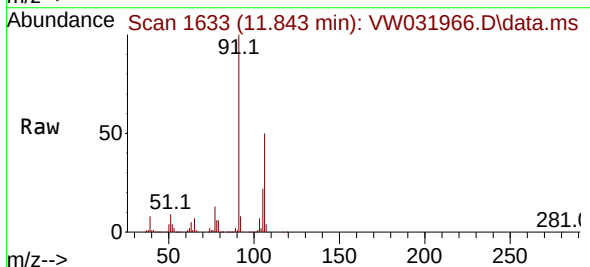
Acq: 31 Jul 2025 12:24

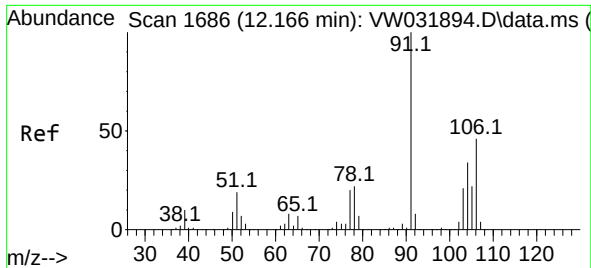
Tgt Ion:106 Resp: 227435

Ion Ratio Lower Upper

106 100

91 207.0 167.7 251.5

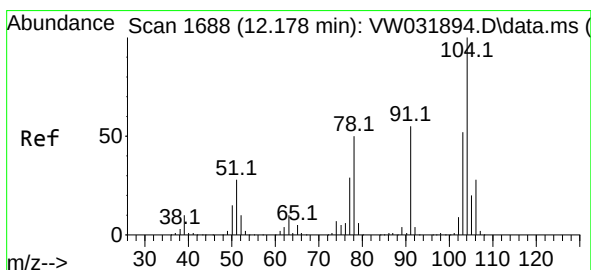
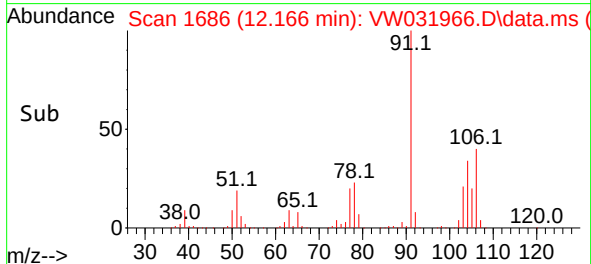
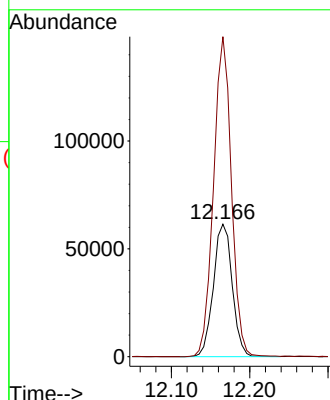
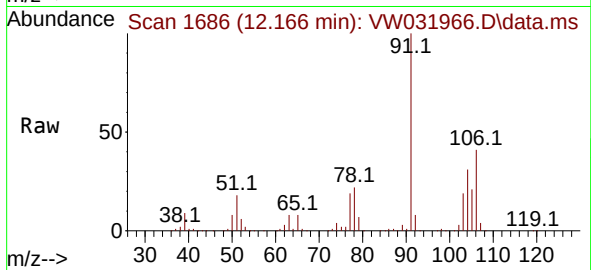




#69
o-Xylene
Concen: 18.578 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

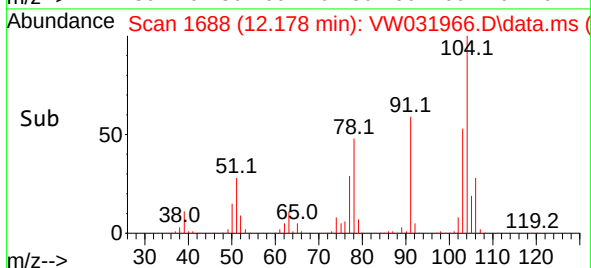
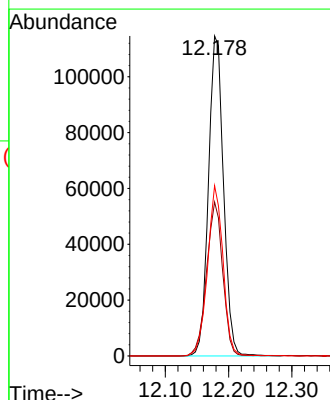
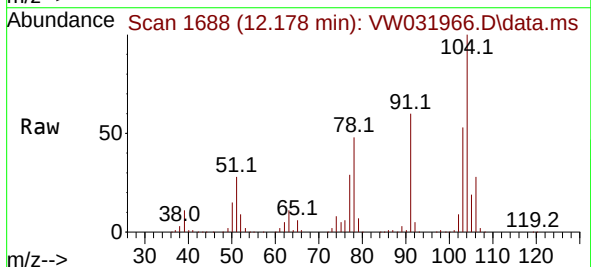
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

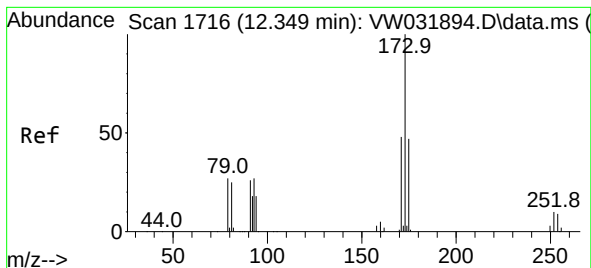
Tgt Ion:106 Resp: 102780
Ion Ratio Lower Upper
106 100
91 229.1 108.2 324.6



#70
Styrene
Concen: 20.180 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion:104 Resp: 190083
Ion Ratio Lower Upper
104 100
78 51.7 42.2 63.4
103 54.8 42.8 64.2





#71

Bromoform

Concen: 21.706 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0731SBS01

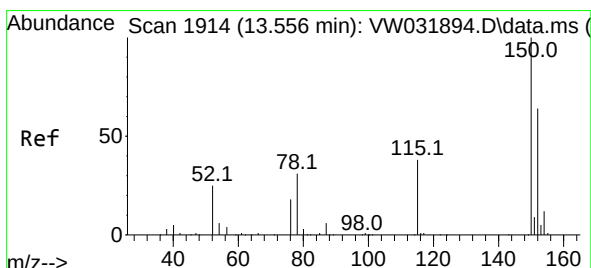
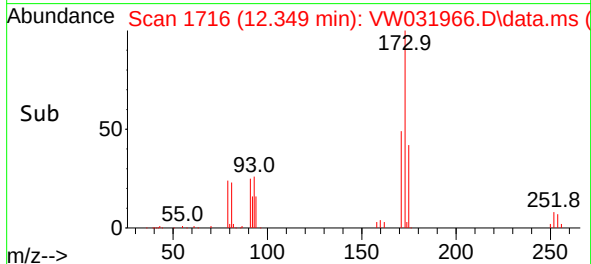
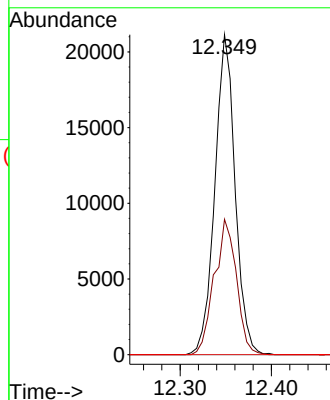
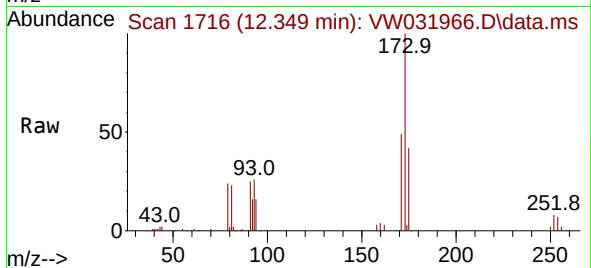
Tgt Ion:173 Resp: 32526

Ion Ratio Lower Upper

173 100

175 46.1 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: VW031966.D

Acq: 31 Jul 2025 12:24

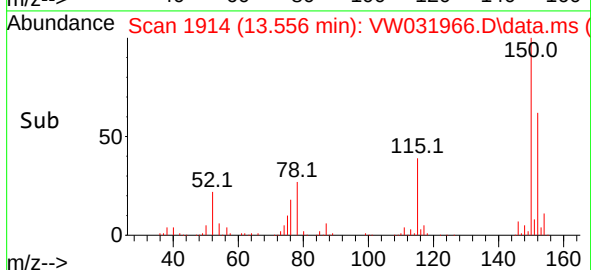
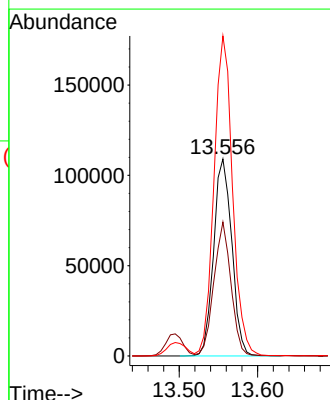
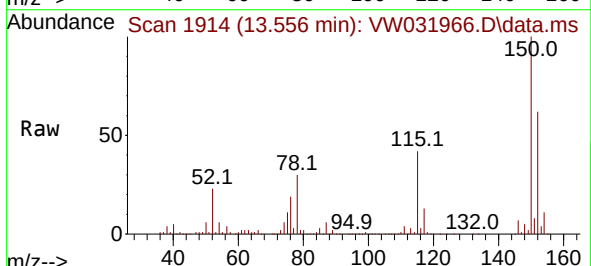
Tgt Ion:152 Resp: 175966

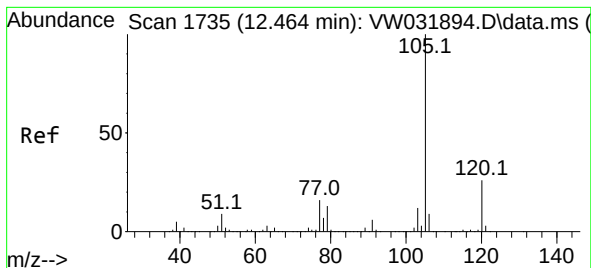
Ion Ratio Lower Upper

152 100

115 63.9 33.4 100.1

150 165.7 0.0 352.2





#73

Isopropylbenzene

Concen: 17.545 ug/l

RT: 12.464 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

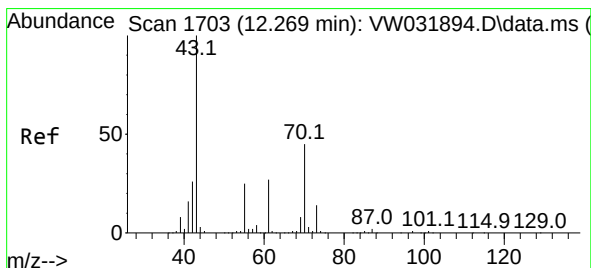
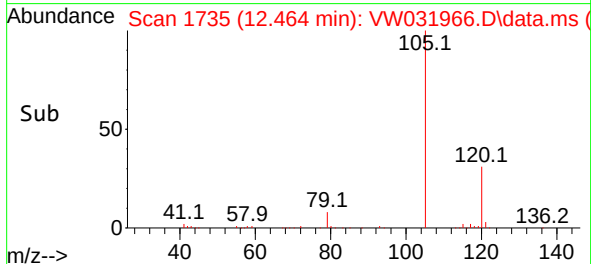
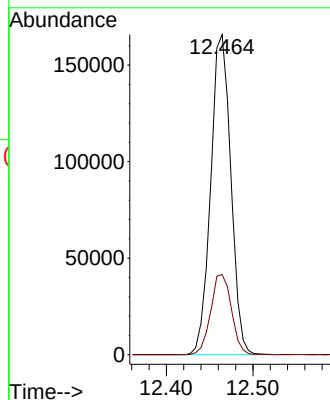
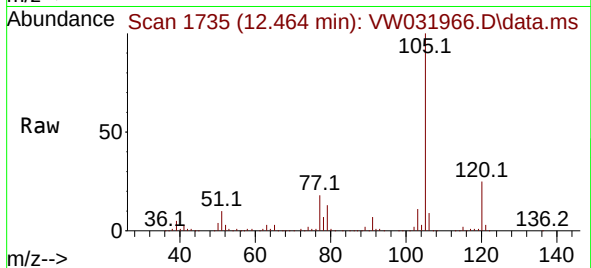
VW0731SBS01

Tgt Ion:105 Resp: 267869

Ion Ratio Lower Upper

105 100

120 25.8 12.6 37.8



#74

N-ethyl acetate

Concen: 19.254 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Tgt Ion: 43 Resp: 79474

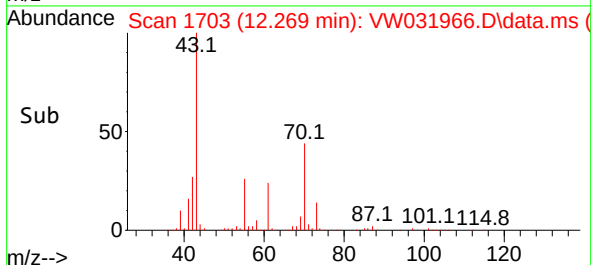
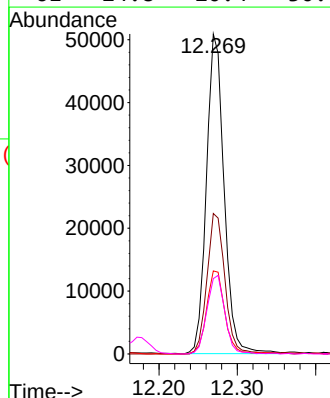
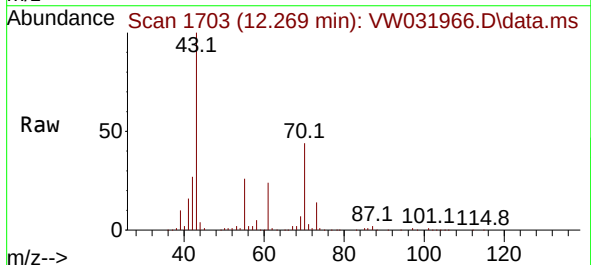
Ion Ratio Lower Upper

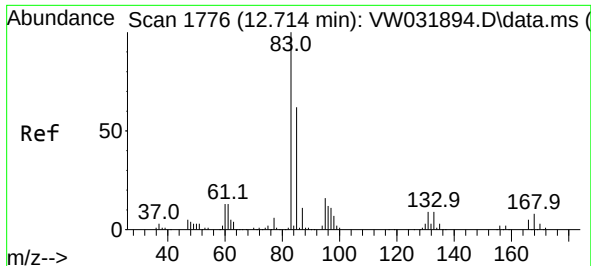
43 100

70 44.7 36.6 55.0

55 26.5 20.7 31.1

61 24.8 20.4 30.6

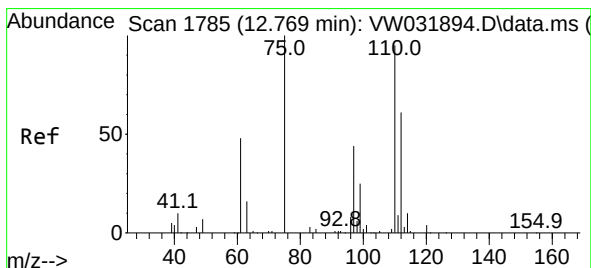
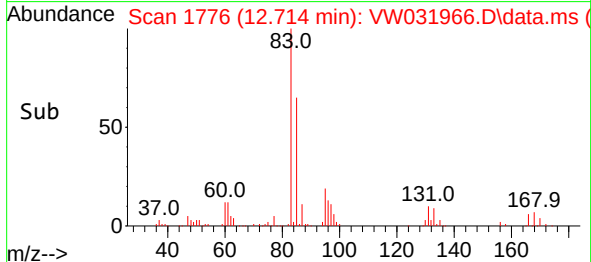
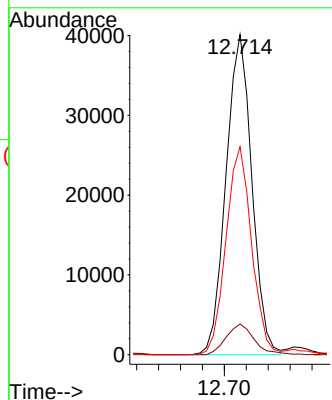
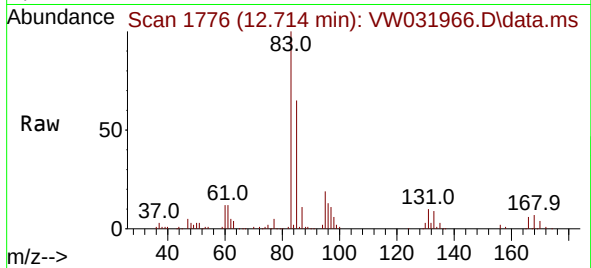




#75
1,1,2,2-Tetrachloroethane
Concen: 20.283 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

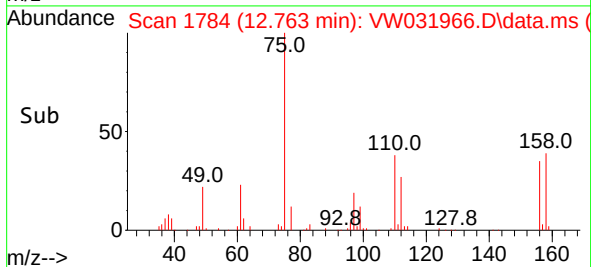
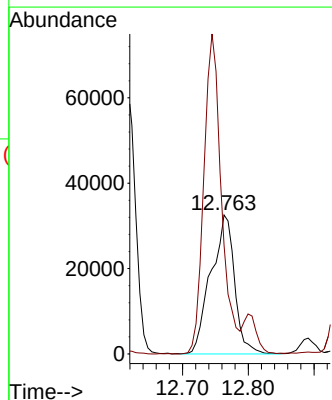
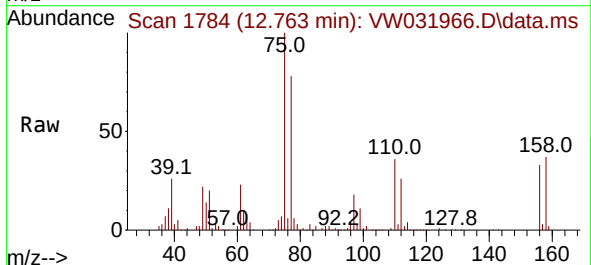
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

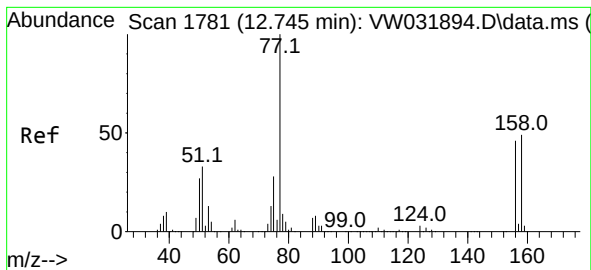
Tgt Ion: 83 Resp: 65732
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 64.2 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 33.676 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 75 Resp: 81814
Ion Ratio Lower Upper
75 100
77 171.3 0.0 0.0#





#77

Bromobenzene

Concen: 18.574 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0731SBS01

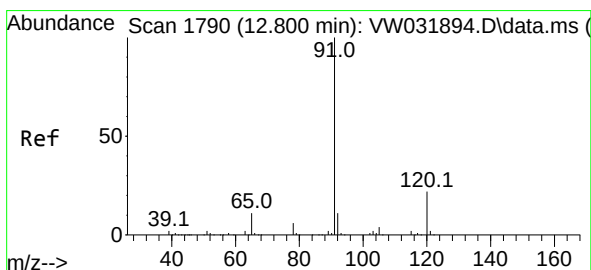
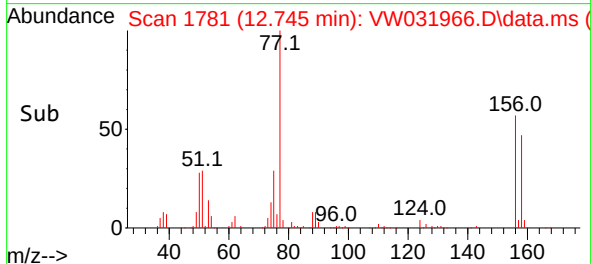
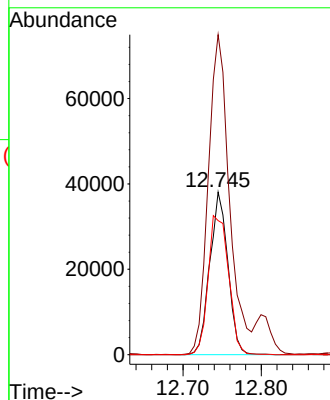
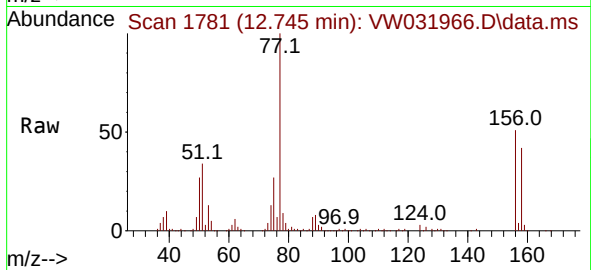
Tgt Ion:156 Resp: 61359

Ion Ratio Lower Upper

156 100

77 228.4 115.3 345.8

158 96.6 50.1 150.3



#78

n-propylbenzene

Concen: 17.947 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW031966.D

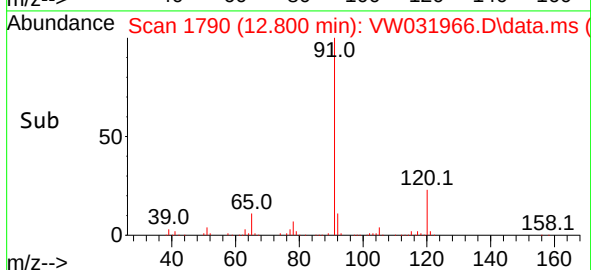
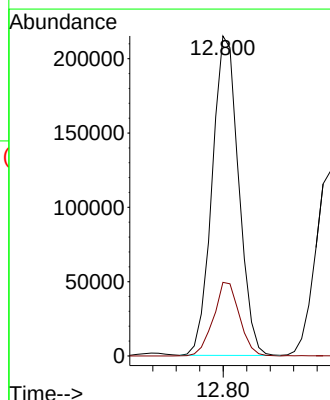
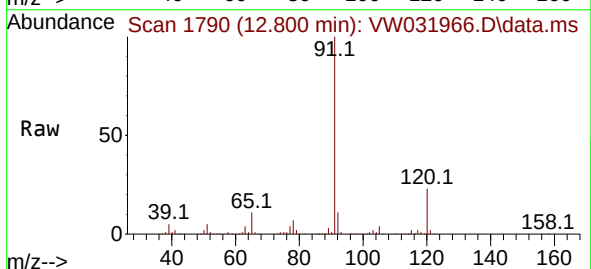
Acq: 31 Jul 2025 12:24

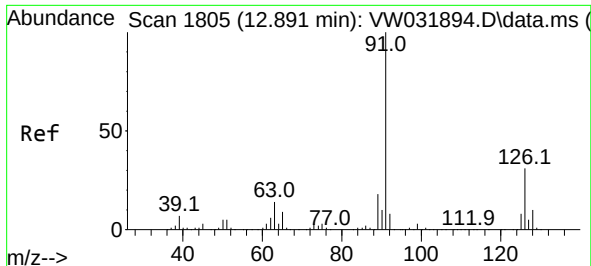
Tgt Ion: 91 Resp: 336548

Ion Ratio Lower Upper

91 100

120 22.6 10.9 32.6

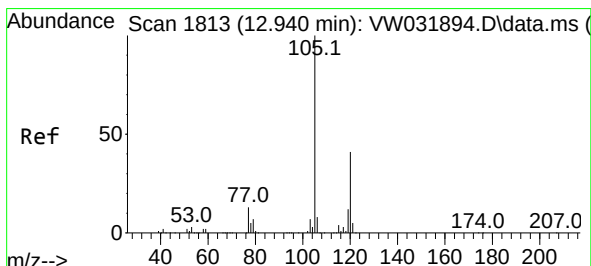
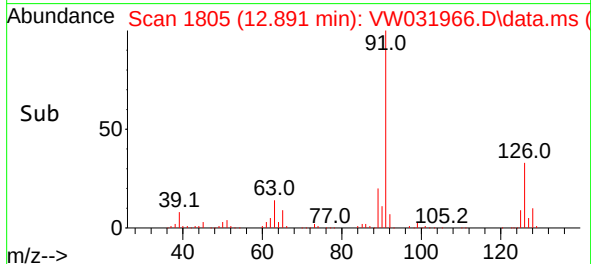
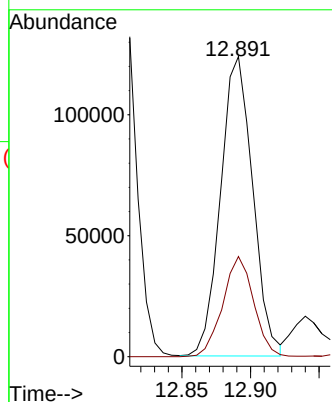
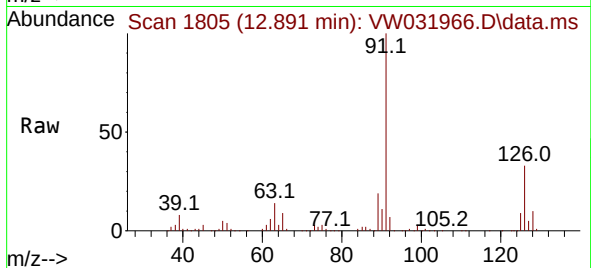




#79
2-Chlorotoluene
Concen: 18.054 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

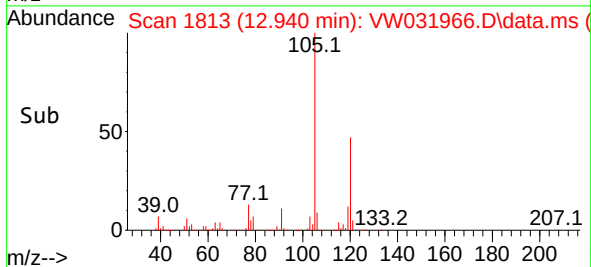
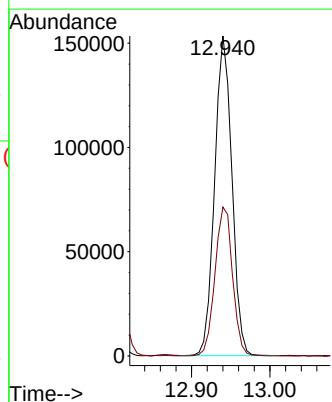
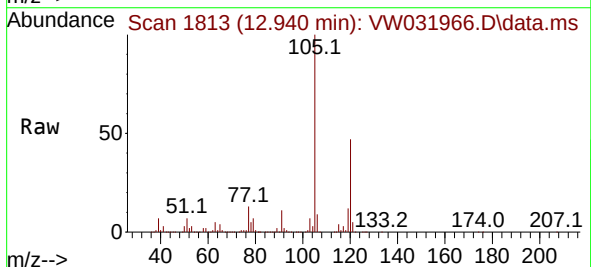
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

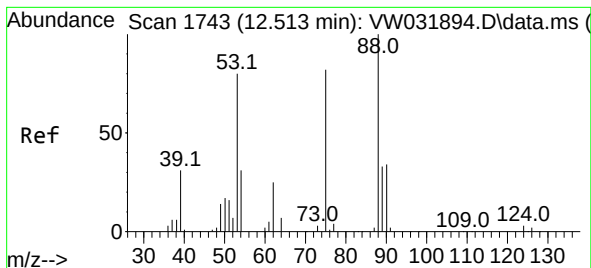
Tgt Ion: 91 Resp: 202138
Ion Ratio Lower Upper
91 100
126 32.2 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 18.337 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 105 Resp: 234810
Ion Ratio Lower Upper
105 100
120 47.7 23.5 70.5

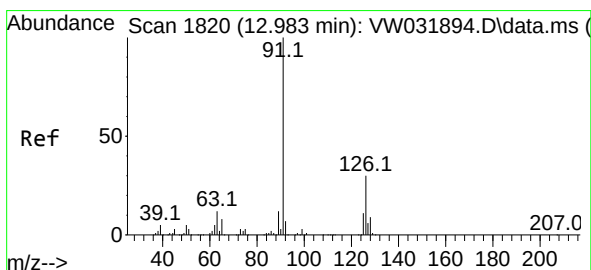
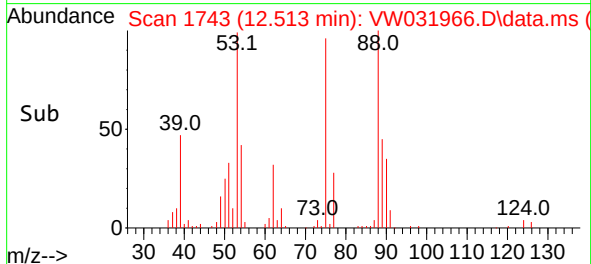
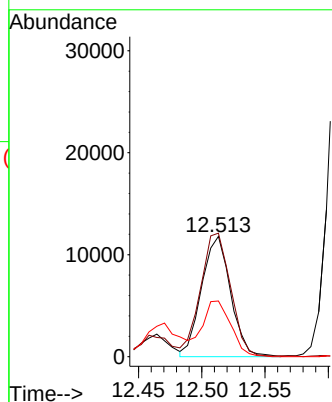
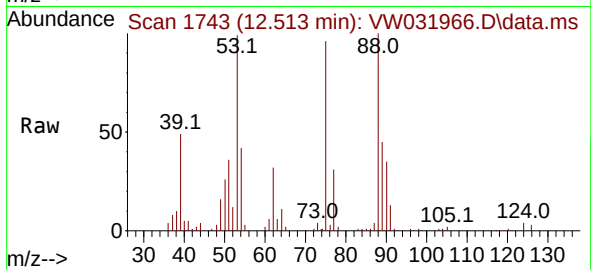




#81
trans-1,4-Dichloro-2-butene
Concen: 17.897 ug/l
RT: 12.513 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

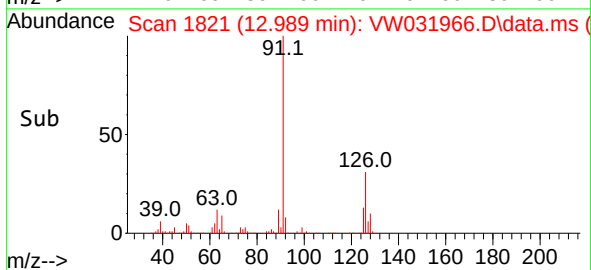
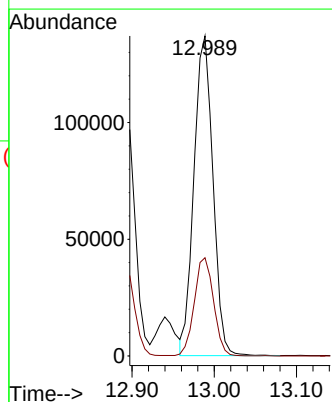
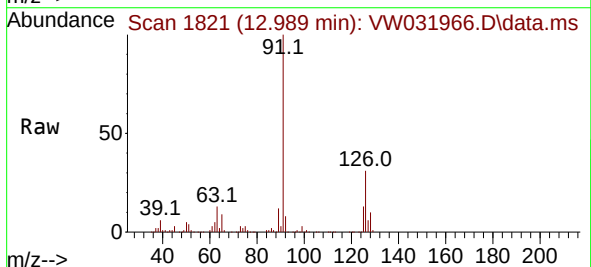
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBS01

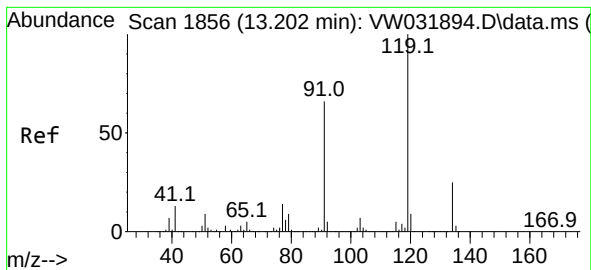
Tgt Ion: 75 Resp: 18833
Ion Ratio Lower Upper
75 100
53 105.6 83.7 125.5
89 46.0 39.0 58.6



#82
4-Chlorotoluene
Concen: 18.695 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW031966.D
Acq: 31 Jul 2025 12:24

Tgt Ion: 91 Resp: 219586
Ion Ratio Lower Upper
91 100
126 31.2 15.8 47.3





#83

tert-Butylbenzene

Concen: 17.849 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0731SBS01

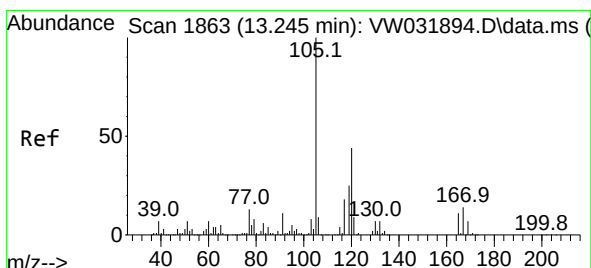
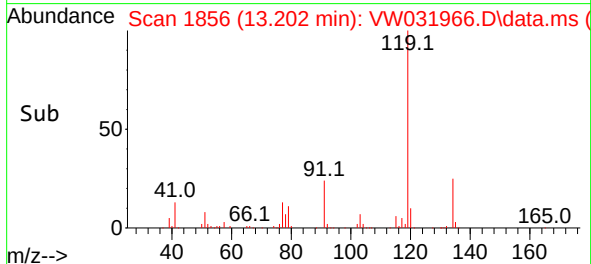
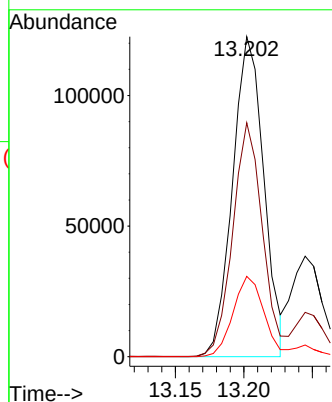
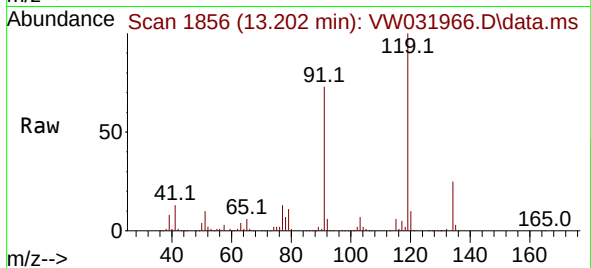
Tgt Ion:119 Resp: 194683

Ion Ratio Lower Upper

119 100

91 70.2 35.5 106.5

134 25.0 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 18.760 ug/l

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW031966.D

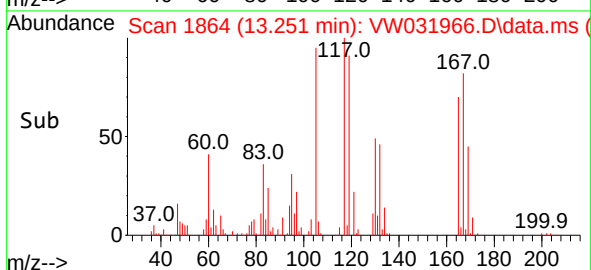
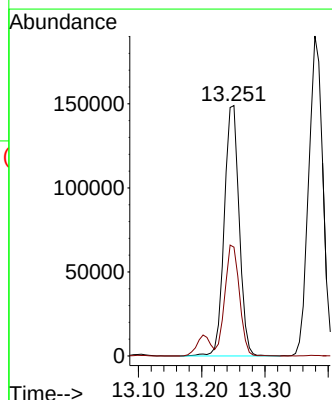
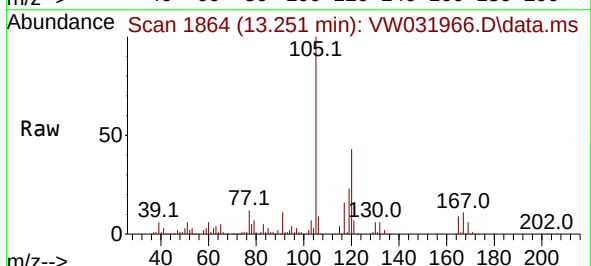
Acq: 31 Jul 2025 12:24

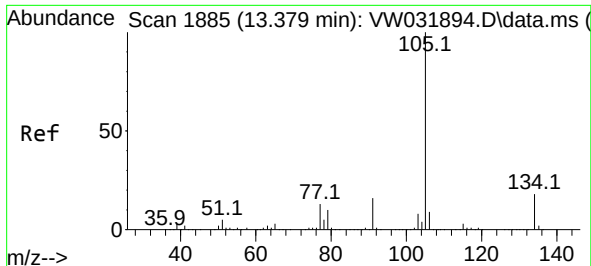
Tgt Ion:105 Resp: 243148

Ion Ratio Lower Upper

105 100

120 43.3 21.3 63.9

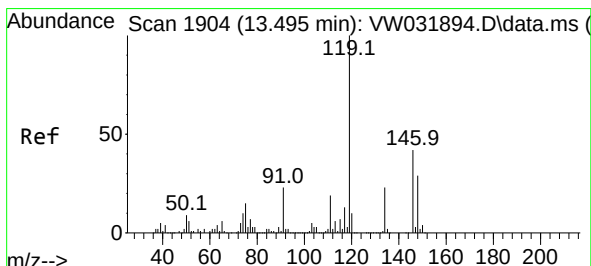
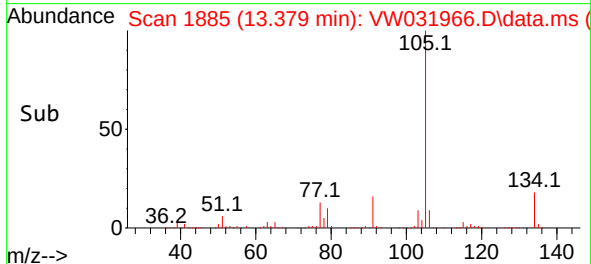
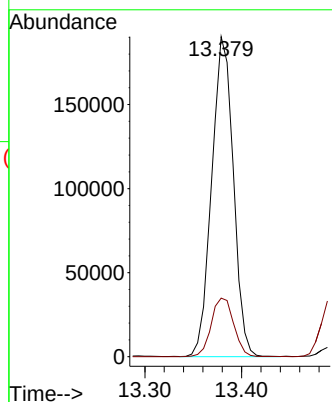
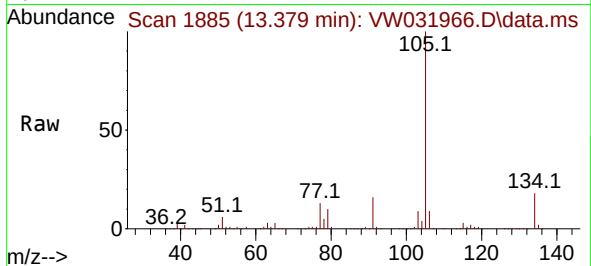




#85
 sec-Butylbenzene
 Concen: 18.090 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW031966.D
 Acq: 31 Jul 2025 12:24

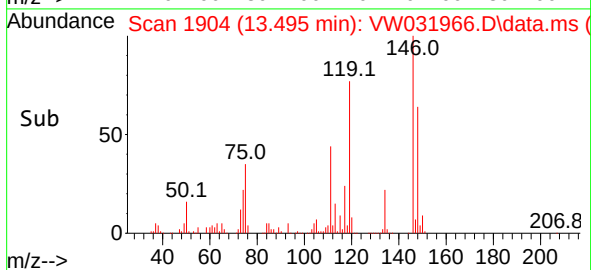
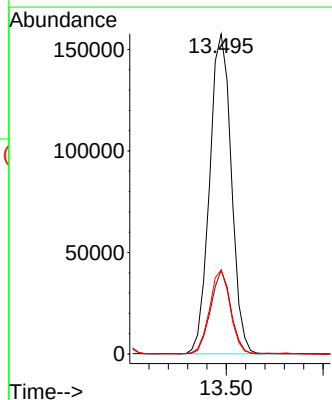
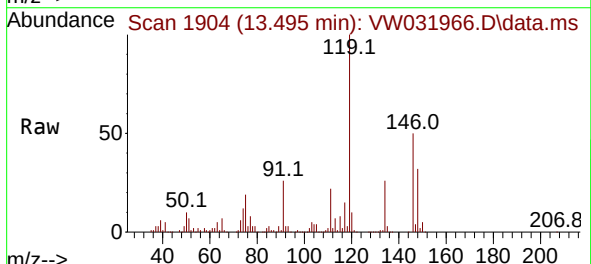
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0731SBS01

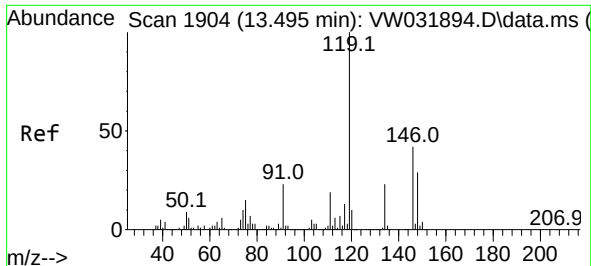
Tgt Ion:105 Resp: 296307
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 18.176 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW031966.D
 Acq: 31 Jul 2025 12:24

Tgt Ion:119 Resp: 246089
 Ion Ratio Lower Upper
 119 100
 134 24.2 13.0 39.0
 91 24.9 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 18.826 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0731SBS01

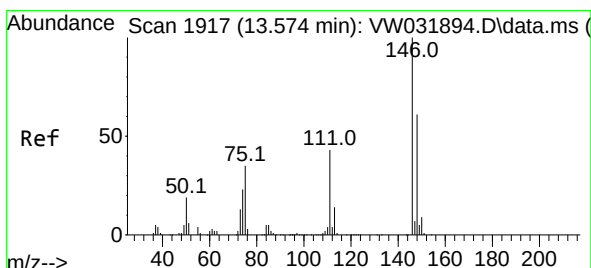
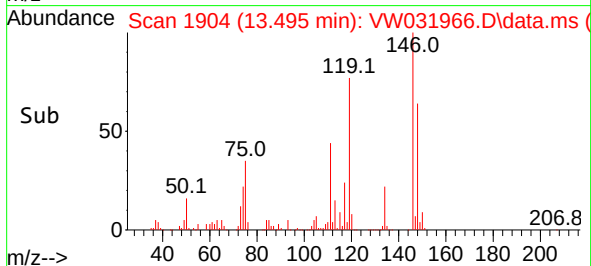
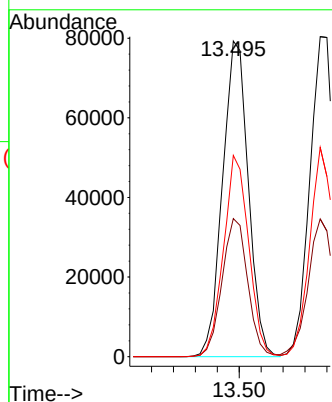
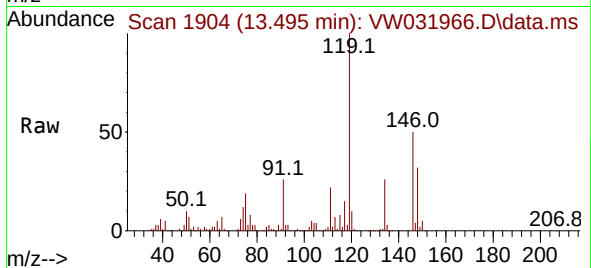
Tgt Ion:146 Resp: 129456

Ion Ratio Lower Upper

146 100

111 43.5 21.9 65.7

148 62.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.237 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

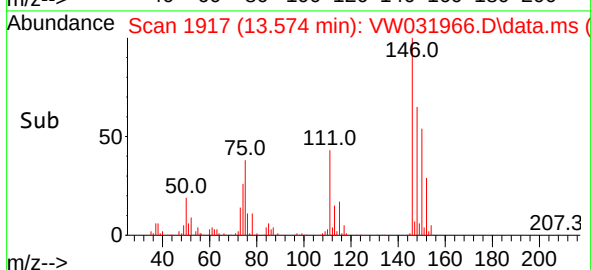
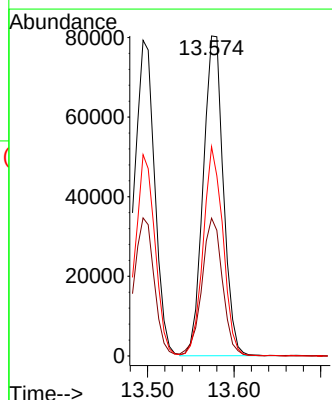
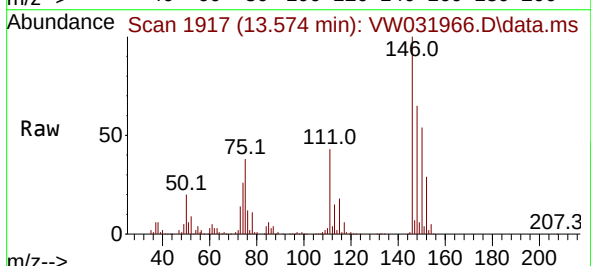
Tgt Ion:146 Resp: 129589

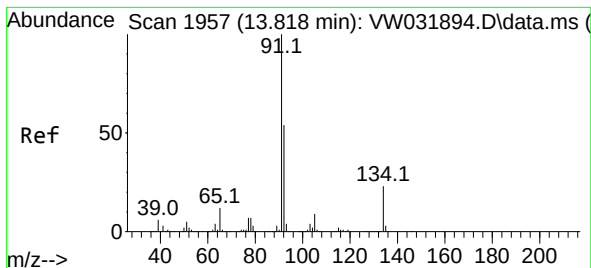
Ion Ratio Lower Upper

146 100

111 44.0 22.1 66.3

148 64.0 31.8 95.3





#89

n-Butylbenzene

Concen: 18.271 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0731SBS01

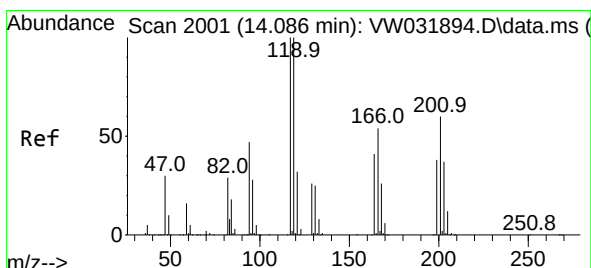
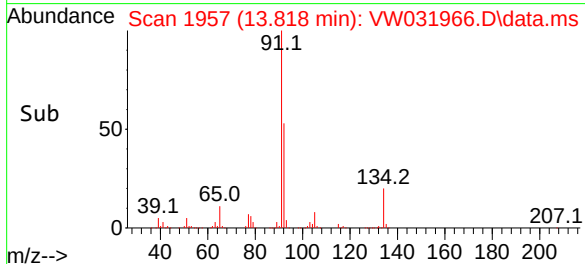
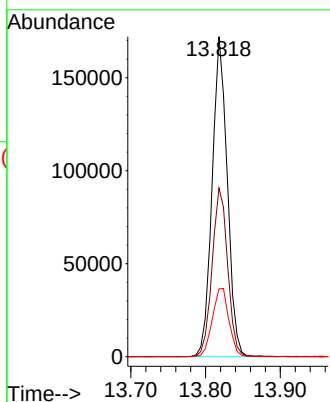
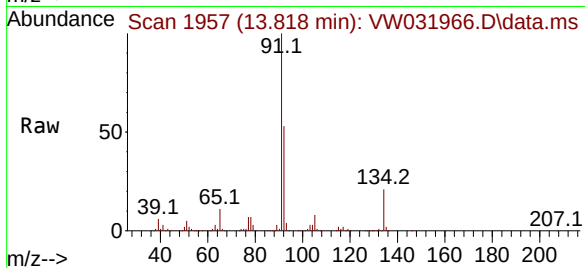
Tgt Ion: 91 Resp: 242661

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.5

134 23.4 11.6 34.7



#90

Hexachloroethane

Concen: 18.421 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW031966.D

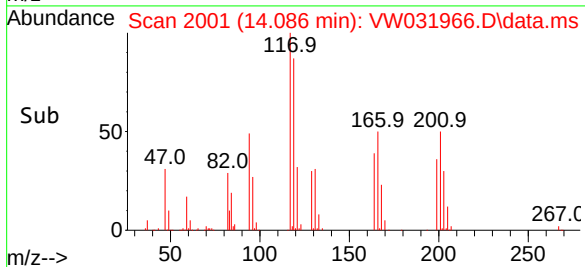
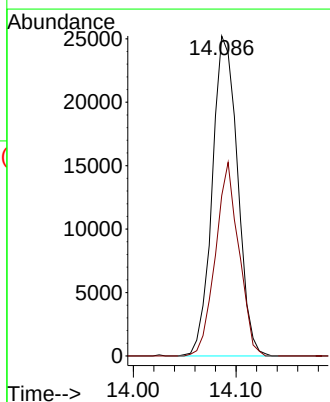
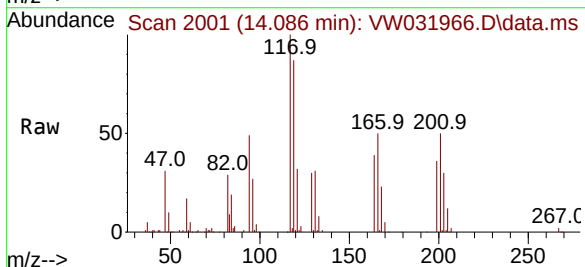
Acq: 31 Jul 2025 12:24

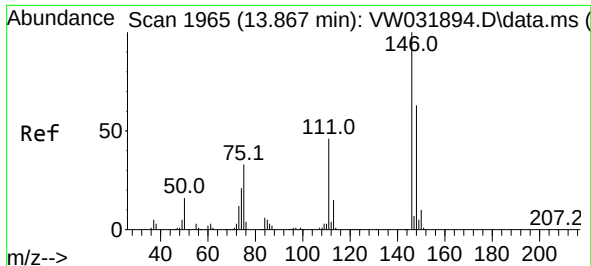
Tgt Ion: 117 Resp: 43126

Ion Ratio Lower Upper

117 100

201 56.0 28.4 85.2





#91

1,2-Dichlorobenzene

Concen: 19.867 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0731SBS01

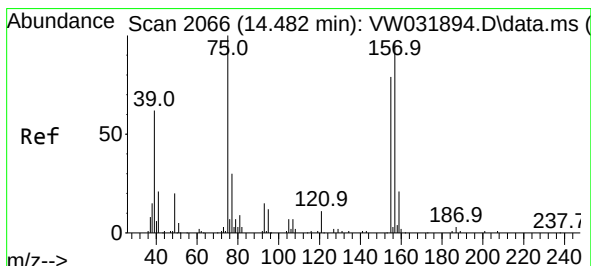
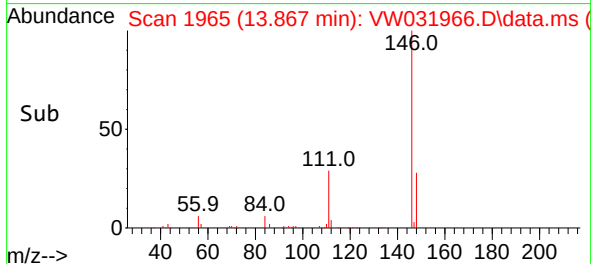
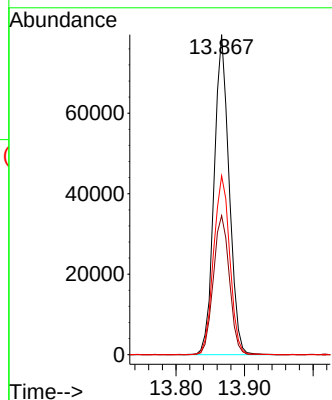
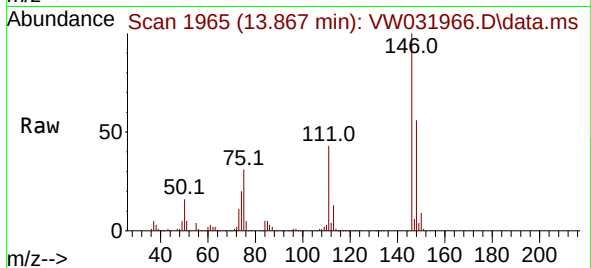
Tgt Ion:146 Resp: 121077

Ion Ratio Lower Upper

146 100

111 46.3 23.6 71.0

148 60.2 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.972 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

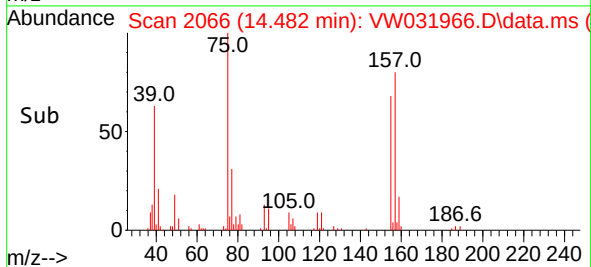
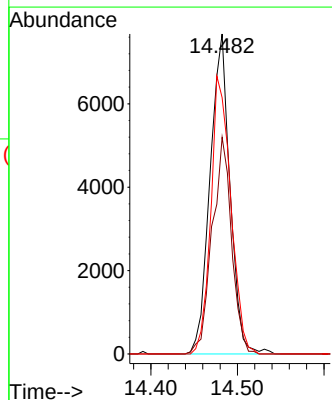
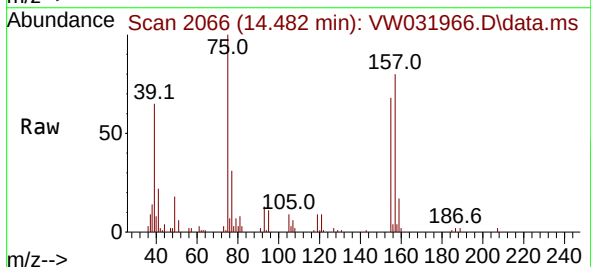
Tgt Ion: 75 Resp: 12279

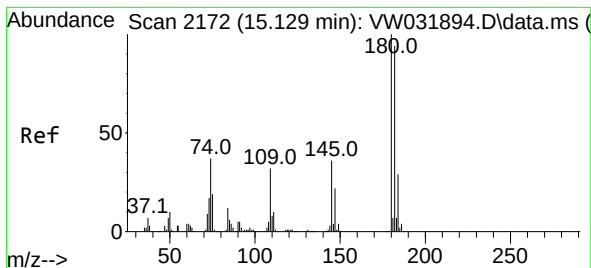
Ion Ratio Lower Upper

75 100

155 66.0 35.9 107.7

157 86.8 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 17.952 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0731SBS01

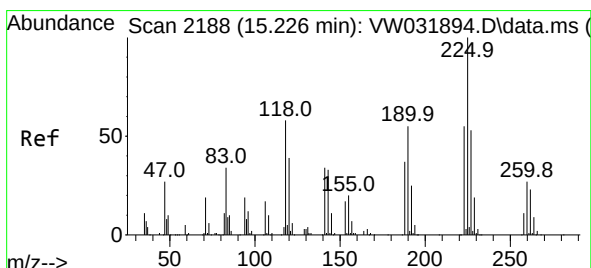
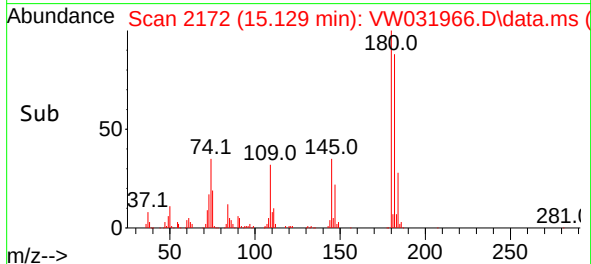
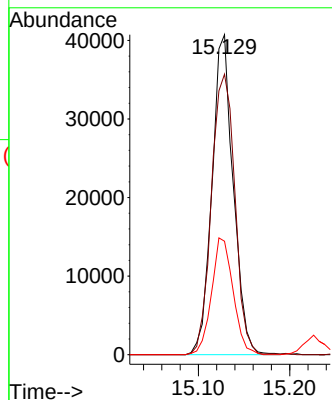
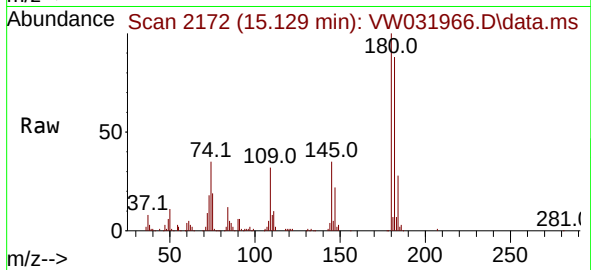
Tgt Ion:180 Resp: 65980

Ion Ratio Lower Upper

180 100

182 96.7 51.0 153.1

145 37.1 18.4 55.4



#94

Hexachlorobutadiene

Concen: 19.054 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

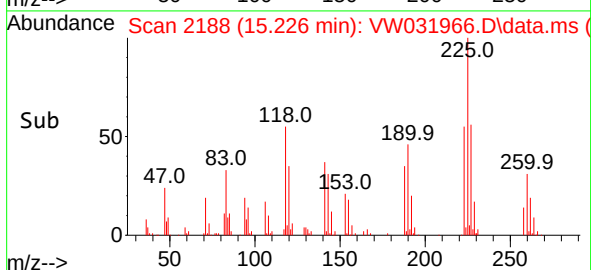
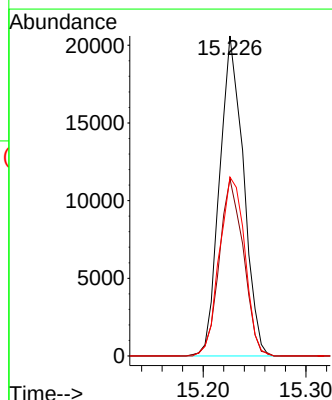
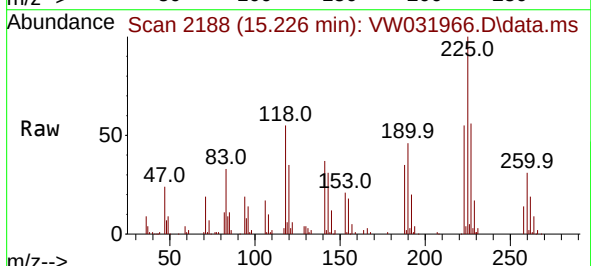
Tgt Ion:225 Resp: 33184

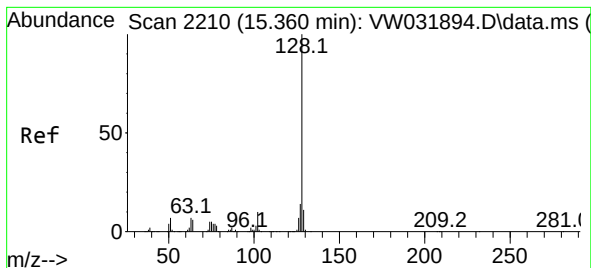
Ion Ratio Lower Upper

225 100

223 56.1 30.9 92.7

227 59.5 30.0 90.1





#95

Naphthalene

Concen: 19.168 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0731SBS01

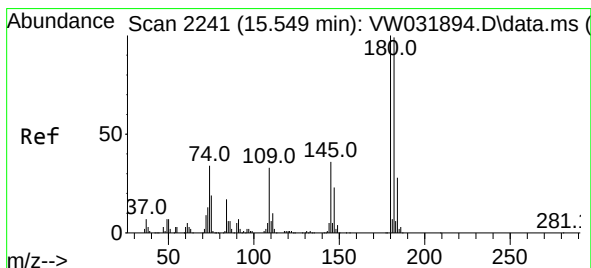
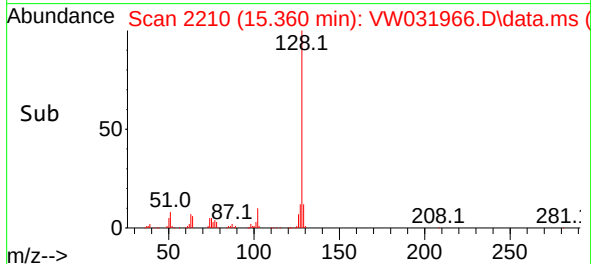
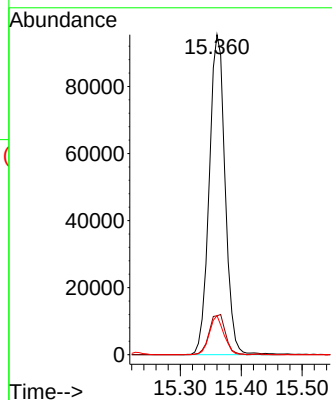
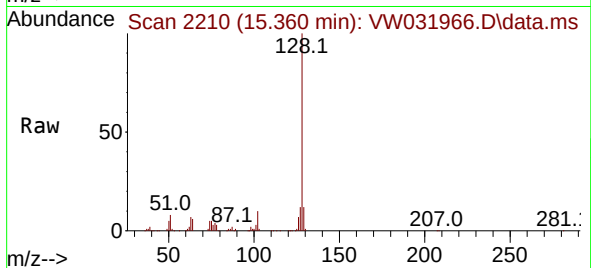
Tgt Ion:128 Resp: 173198

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 11.1 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 18.754 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW031966.D

Acq: 31 Jul 2025 12:24

Tgt Ion:180 Resp: 62451

Ion Ratio Lower Upper

180 100

182 93.5 50.4 151.2

145 37.2 18.6 55.8

