

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080725\
 Data File : VW032039.D
 Acq On : 07 Aug 2025 12:43
 Operator : SY/MD
 Sample : VW0807SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0807SBSD01

Quant Time: Aug 08 04:07:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	226447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	405839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	359768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173676	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	164328	47.971	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	95.940%
35) Dibromofluoromethane	7.898	113	141044	51.145	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	102.280%
50) Toluene-d8	10.325	98	535520	51.309	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.617	95	202439	50.513	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	101.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	30142	17.910	ug/l	97
3) Chloromethane	2.253	50	40730	18.855	ug/l	97
4) Vinyl Chloride	2.405	62	48962	17.448	ug/l	100
5) Bromomethane	2.820	94	35493	17.177	ug/l	92
6) Chloroethane	2.966	64	34195	18.464	ug/l	97
7) Trichlorofluoromethane	3.302	101	46266	16.279	ug/l	100
8) Diethyl Ether	3.716	74	34334	18.085	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.094	101	52454	19.188	ug/l	99
10) Methyl Iodide	4.314	142	72889	17.833	ug/l	96
11) Tert butyl alcohol	5.222	59	22969	114.070	ug/l	98
12) 1,1-Dichloroethene	4.076	96	57179	18.937	ug/l	96
13) Acrolein	3.929	56	12533	36.552	ug/l	100
14) Allyl chloride	4.704	41	79863	16.991	ug/l	99
15) Acrylonitrile	5.405	53	84419	99.459	ug/l	98
16) Acetone	4.161	43	92649	113.977	ug/l	100
17) Carbon Disulfide	4.417	76	131839	16.836	ug/l	98
18) Methyl Acetate	4.710	43	45072	20.126	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	101528	19.461	ug/l	99
20) Methylene Chloride	4.954	84	77592	19.477	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	60622	18.923	ug/l	90
22) Diisopropyl ether	6.344	45	178627	18.992	ug/l	96
23) Vinyl Acetate	6.283	43	590908	96.164	ug/l	98
24) 1,1-Dichloroethane	6.246	63	112111	19.145	ug/l	98
25) 2-Butanone	7.197	43	113192	101.774	ug/l	96
26) 2,2-Dichloropropane	7.185	77	58415	17.620	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	73312	19.465	ug/l	99
28) Bromochloromethane	7.532	49	44535	18.164	ug/l	97
29) Tetrahydrofuran	7.551	42	73576	100.902	ug/l	99
30) Chloroform	7.697	83	123016	20.035	ug/l	95
31) Cyclohexane	7.971	56	98958	18.836	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	88255	18.889	ug/l	98
36) 1,1-Dichloropropene	8.093	75	83382	19.688	ug/l	100
37) Ethyl Acetate	7.276	43	50064	20.722	ug/l	98
38) Carbon Tetrachloride	8.081	117	80067	19.699	ug/l	98
39) Methylcyclohexane	9.343	83	102567	19.244	ug/l	98
40) Benzene	8.337	78	255113	20.349	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	28932	20.005	ug/l	96
42) 1,2-Dichloroethane	8.410	62	81233	20.246	ug/l	99
43) Isopropyl Acetate	8.435	43	87061	19.906	ug/l	99
44) Trichloroethene	9.099	130	60749	20.386	ug/l	98
45) 1,2-Dichloropropane	9.374	63	62044	20.549	ug/l	93
46) Dibromomethane	9.465	93	38075	20.343	ug/l	99
47) Bromodichloromethane	9.654	83	90563	20.179	ug/l	99
48) Methyl methacrylate	9.441	41	42775	20.557	ug/l	98
49) 1,4-Dioxane	9.459	88	9931	531.764	ug/l	91
51) 4-Methyl-2-Pentanone	10.215	43	250342	104.589	ug/l	98
52) Toluene	10.392	92	165464	20.531	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	85139	19.776	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	95600	19.445	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	53588	21.555	ug/l	93
56) Ethyl methacrylate	10.648	69	70950	20.207	ug/l	99
57) 1,3-Dichloropropane	10.934	76	89412	20.414	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	177808	98.590	ug/l	100
59) 2-Hexanone	10.971	43	175155	105.276	ug/l	98
60) Dibromochloromethane	11.129	129	61494	21.215	ug/l	93
61) 1,2-Dibromoethane	11.239	107	49702	20.232	ug/l	97
64) Tetrachloroethene	10.867	164	48680	20.523	ug/l	84
65) Chlorobenzene	11.660	112	183286	20.816	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.733	131	56132	20.564	ug/l	97
67) Ethyl Benzene	11.727	91	311293	20.122	ug/l	97
68) m/p-Xylenes	11.837	106	241702	41.501	ug/l	98
69) o-Xylene	12.166	106	109847	19.930	ug/l	97
70) Styrene	12.178	104	198013	21.101	ug/l	99
71) Bromoform	12.349	173	29897	20.026	ug/l #	99
73) Isopropylbenzene	12.465	105	290445	19.274	ug/l	97
74) N-amyl acetate	12.269	43	80274	19.704	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	65194	20.382	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	81073	33.811	ug/l #	100
77) Bromobenzene	12.745	156	65096	19.965	ug/l	97
78) n-propylbenzene	12.800	91	367190	19.840	ug/l	99
79) 2-Chlorotoluene	12.891	91	223628	20.237	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	246619	19.513	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	19612	18.883	ug/l	92
82) 4-Chlorotoluene	12.989	91	236248	20.379	ug/l	99
83) tert-Butylbenzene	13.202	119	210033	19.510	ug/l	98
84) 1,2,4-Trimethylbenzene	13.251	105	251775	19.682	ug/l	99
85) sec-Butylbenzene	13.379	105	314897	19.478	ug/l	99
86) p-Isopropyltoluene	13.495	119	264064	19.761	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	133282	19.638	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	132533	19.934	ug/l	99
89) n-Butylbenzene	13.818	91	257087	19.612	ug/l	99
90) Hexachloroethane	14.086	117	44125	19.096	ug/l	93
91) 1,2-Dichlorobenzene	13.867	146	118139	19.641	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11210	19.398	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	71167	19.619	ug/l	97
94) Hexachlorobutadiene	15.226	225	34706	20.191	ug/l	97
95) Naphthalene	15.360	128	180030	20.187	ug/l	98
96) 1,2,3-Trichlorobenzene	15.543	180	65985	20.077	ug/l	95

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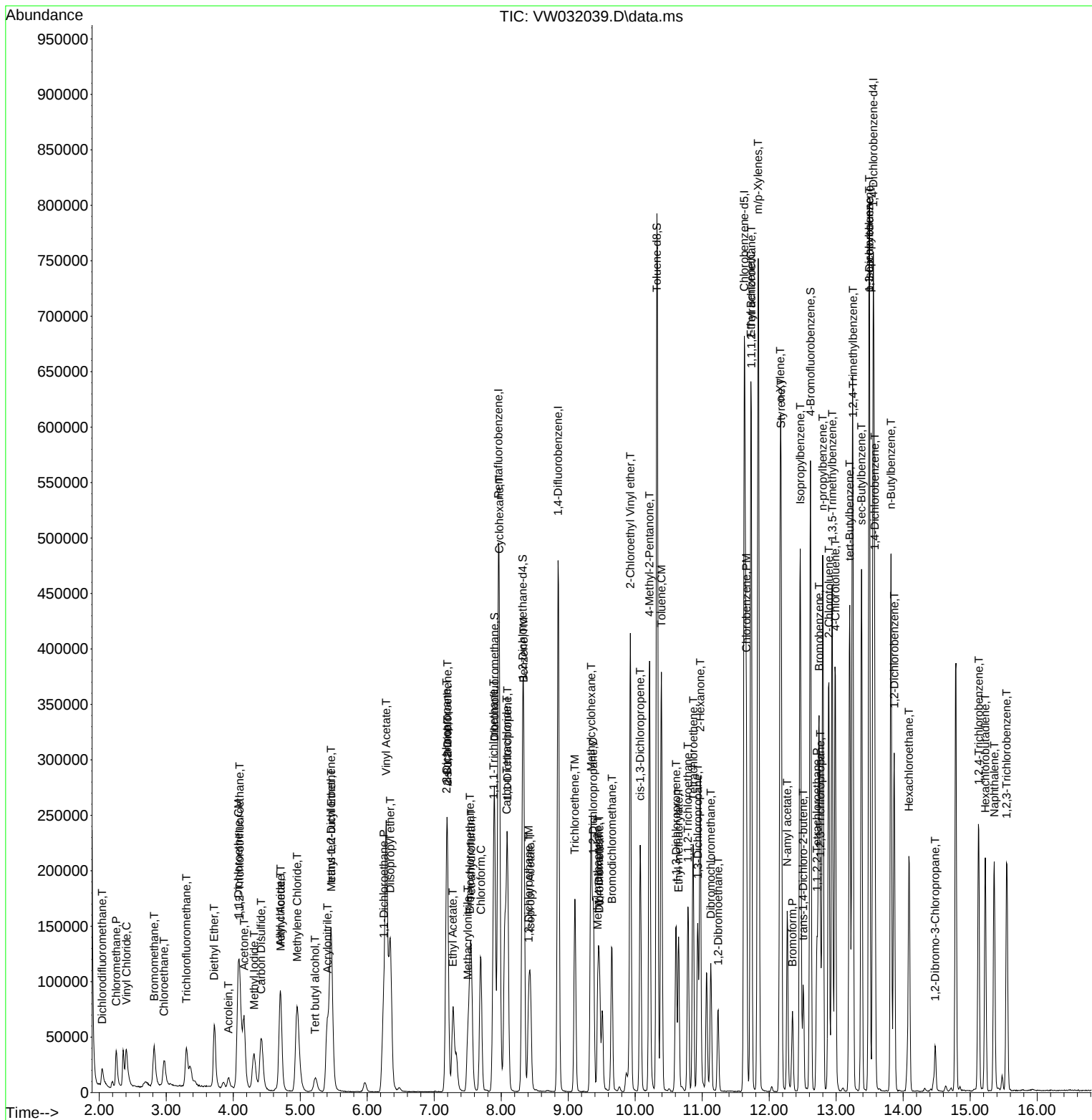
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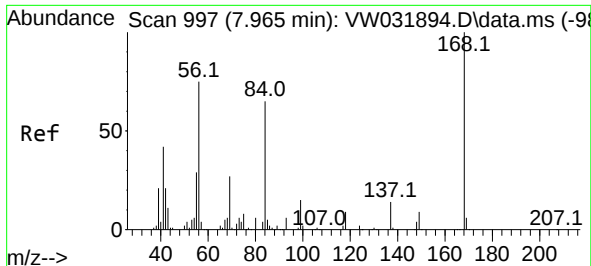
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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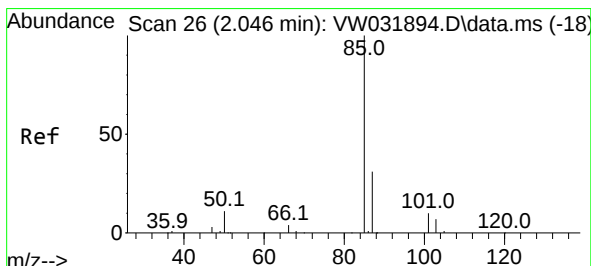
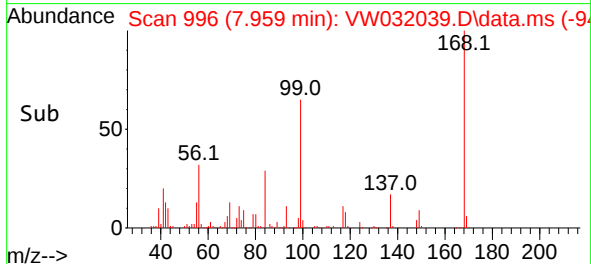
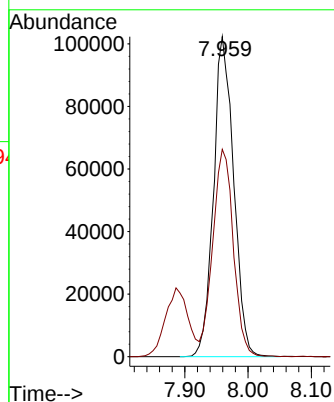
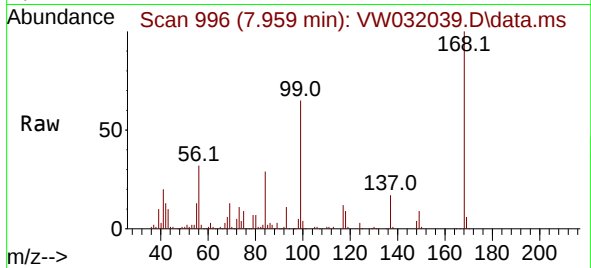




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032039.D
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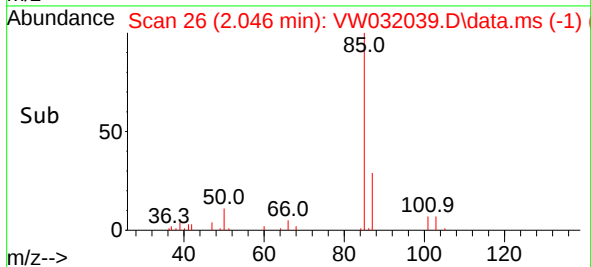
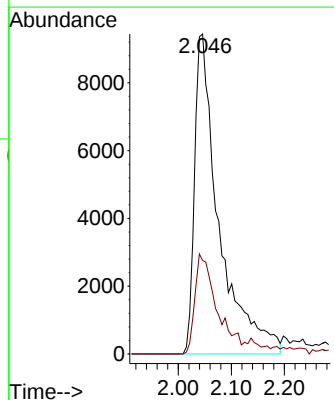
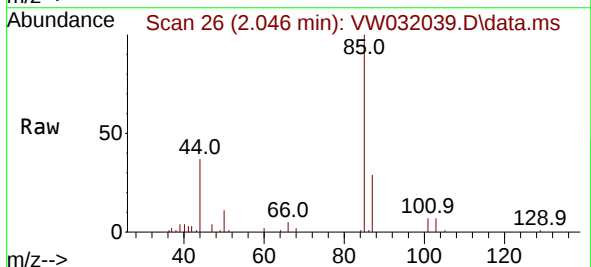
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

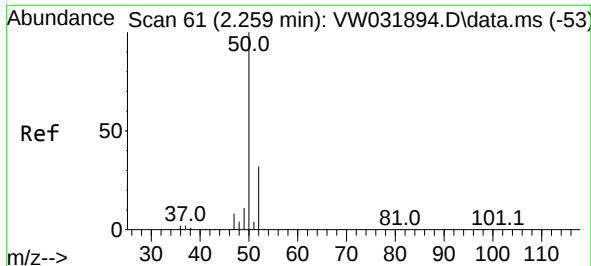
Tgt Ion:168 Resp: 226447
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 17.910 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 85 Resp: 30142
Ion Ratio Lower Upper
85 100
87 29.2 15.5 46.5

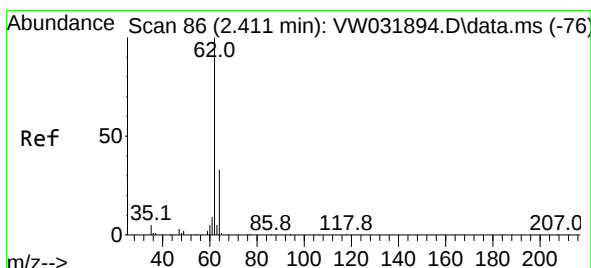
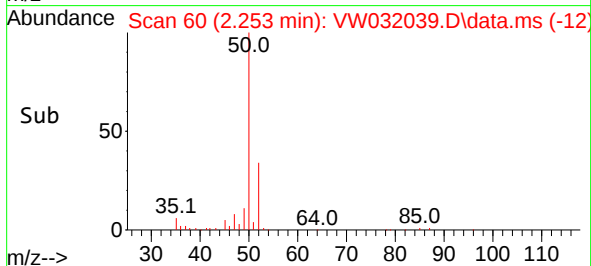
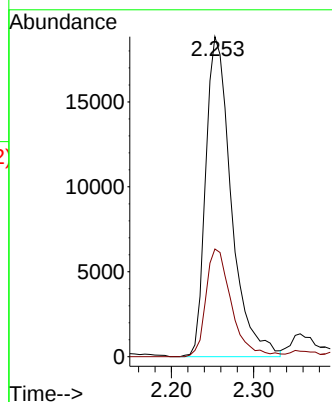
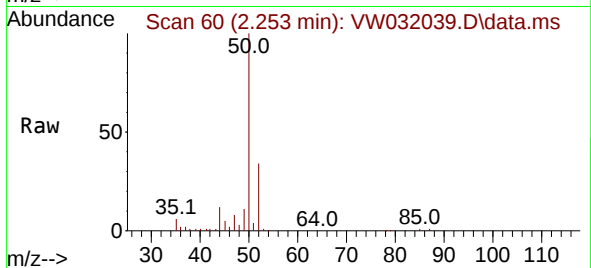




#3
Chloromethane
Concen: 18.855 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

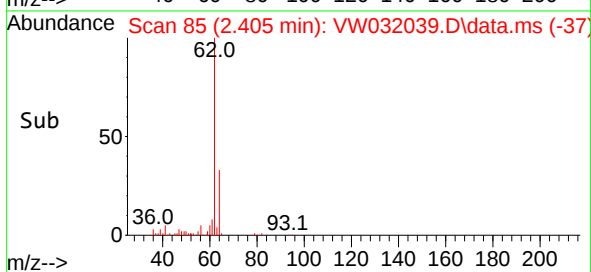
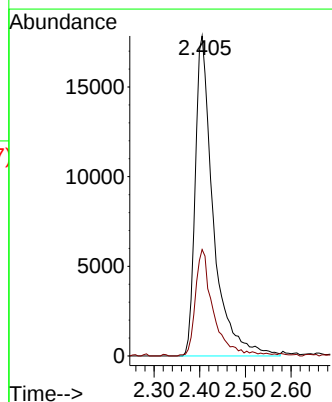
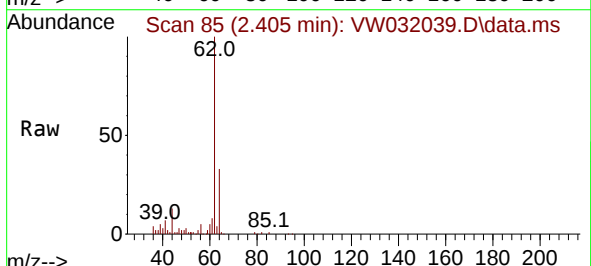
Instrument :
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ClientSampleId :
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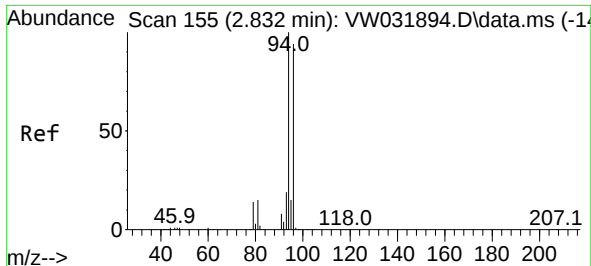
Tgt Ion: 50 Resp: 40730
Ion Ratio Lower Upper
50 100
52 33.7 25.7 38.5



#4
Vinyl Chloride
Concen: 17.448 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 62 Resp: 48962
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2

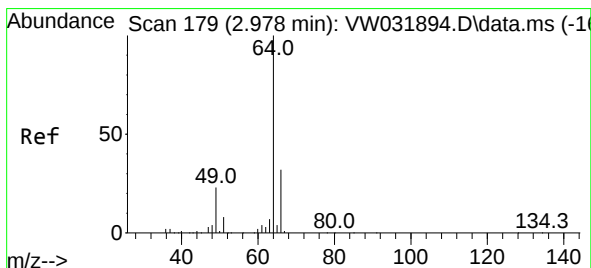
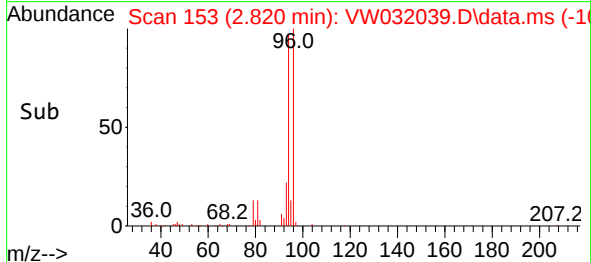
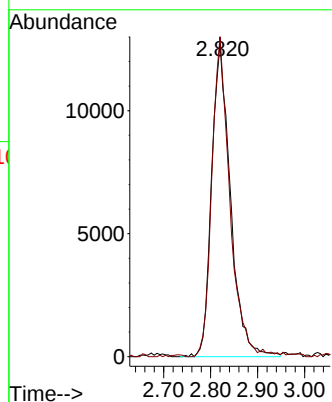
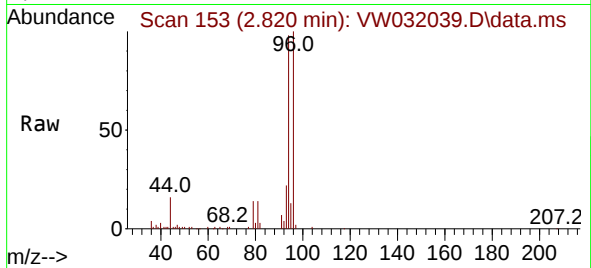




#5
Bromomethane
Concen: 17.177 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

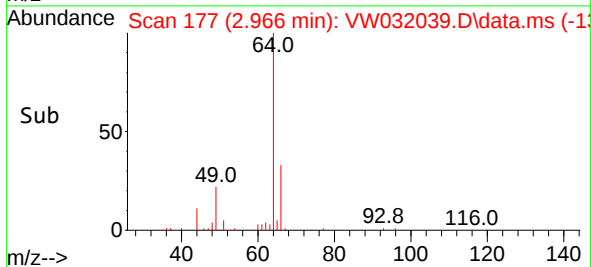
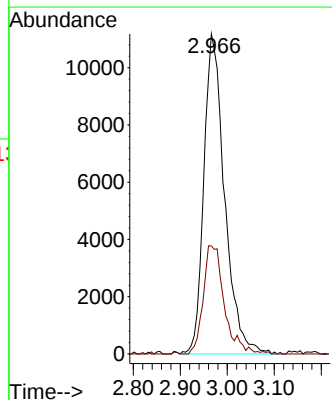
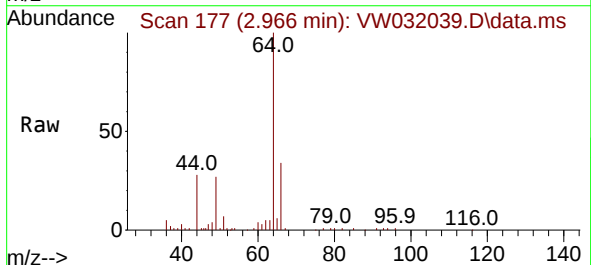
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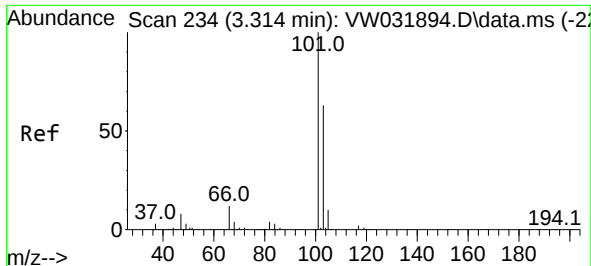
Tgt Ion: 94 Resp: 35493
Ion Ratio Lower Upper
94 100
96 101.6 75.0 112.6



#6
Chloroethane
Concen: 18.464 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.012 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 64 Resp: 34195
Ion Ratio Lower Upper
64 100
66 33.7 25.6 38.4

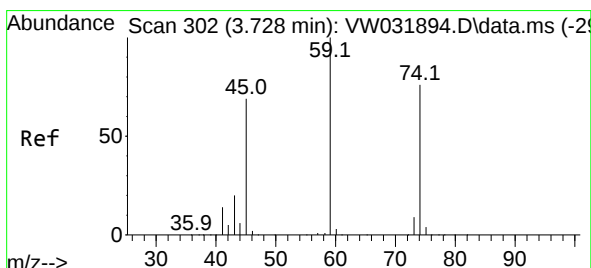
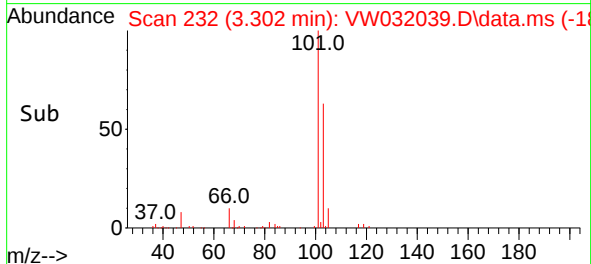
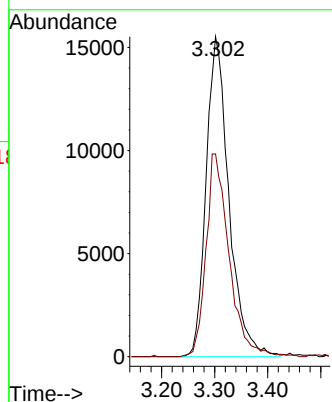
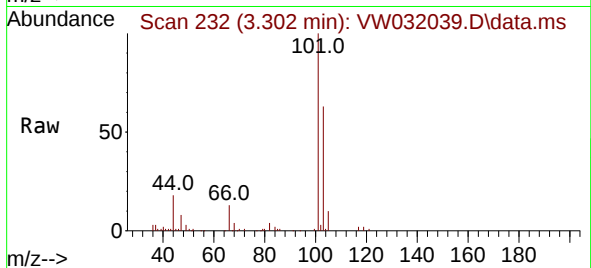




#7
 Trichlorofluoromethane
 Concen: 16.279 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW032039.D
 Acq: 07 Aug 2025 12:43

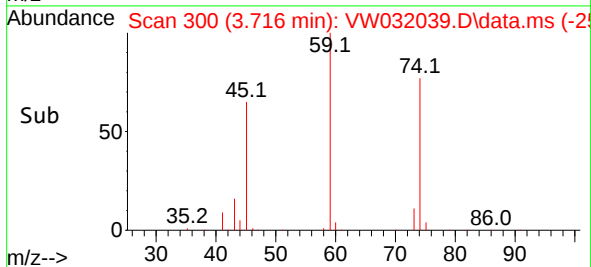
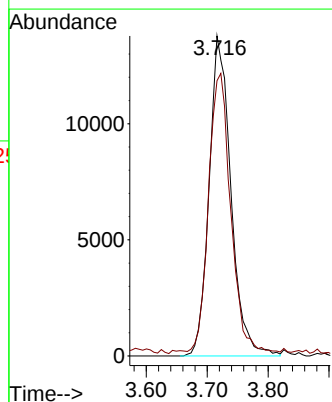
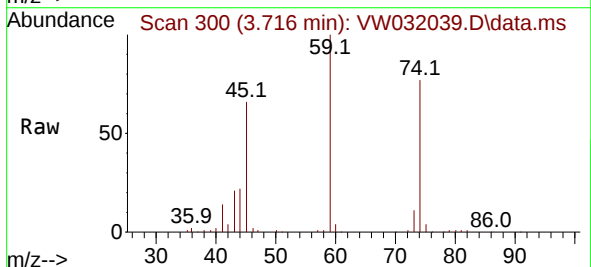
Instrument :
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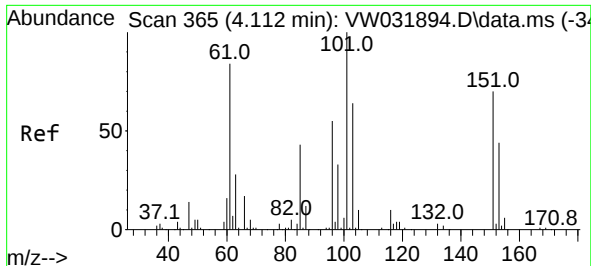
Tgt Ion:101 Resp: 46266
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.085 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.012 min
 Lab File: VW032039.D
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Tgt Ion: 74 Resp: 34334
 Ion Ratio Lower Upper
 74 100
 45 87.4 45.5 136.5

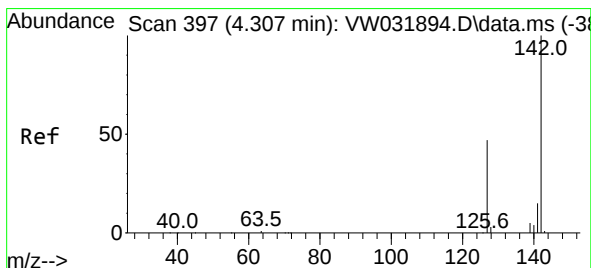
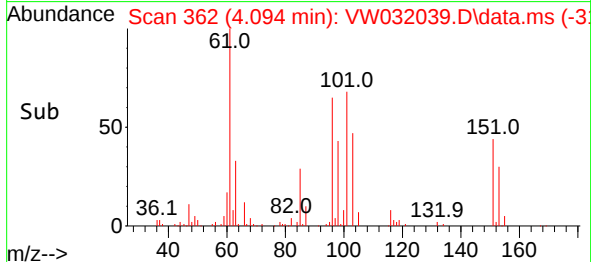
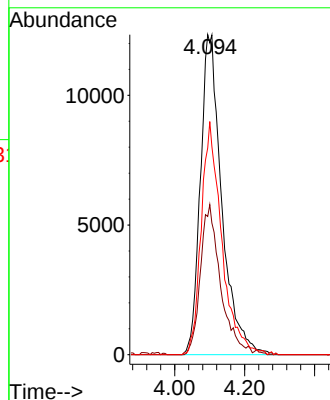
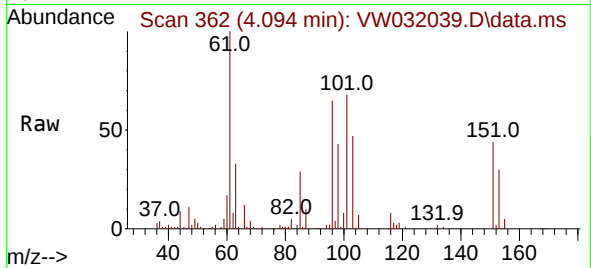




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.188 ug/l
RT: 4.094 min Scan# 30
Delta R.T. -0.018 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

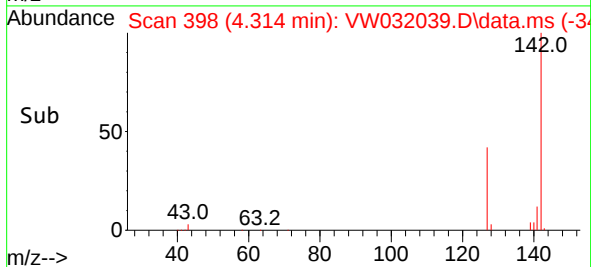
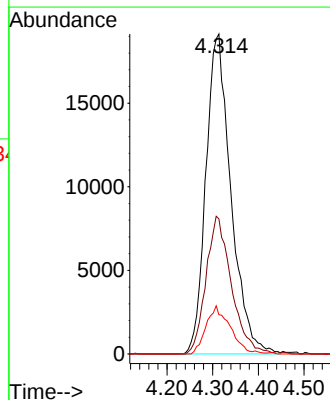
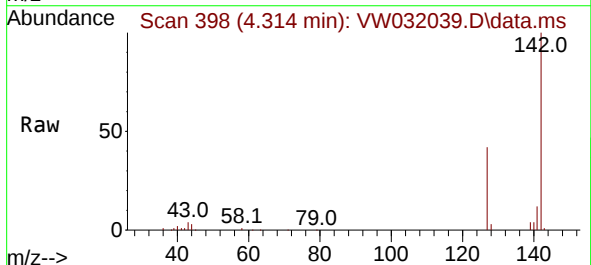
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

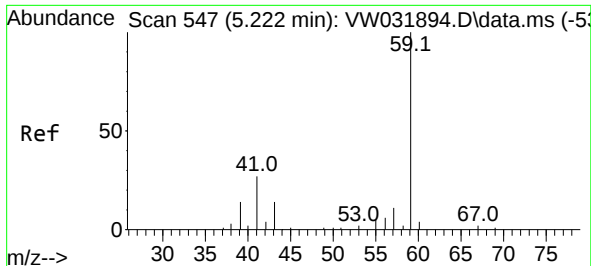
Tgt Ion:101 Resp: 52454
Ion Ratio Lower Upper
101 100
85 44.1 35.5 53.3
151 69.8 54.6 81.8



#10
Methyl Iodide
Concen: 17.833 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion:142 Resp: 72889
Ion Ratio Lower Upper
142 100
127 43.5 37.4 56.2
141 14.5 11.9 17.9

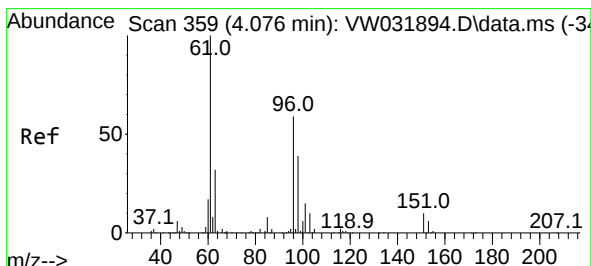
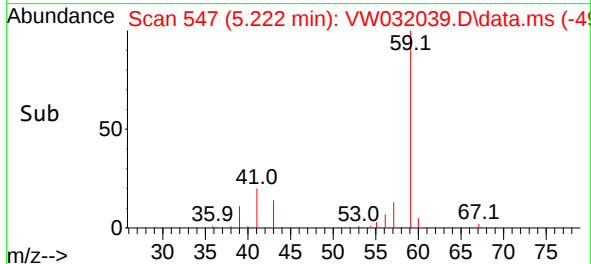
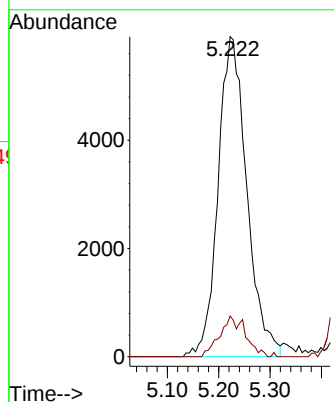
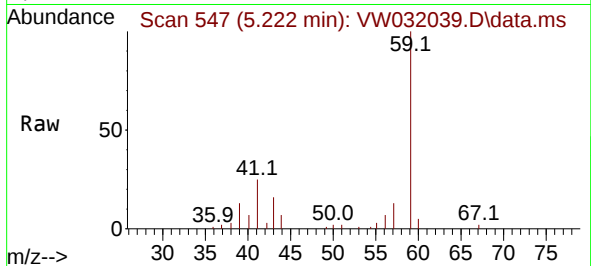




#11
Tert butyl alcohol
Concen: 114.070 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

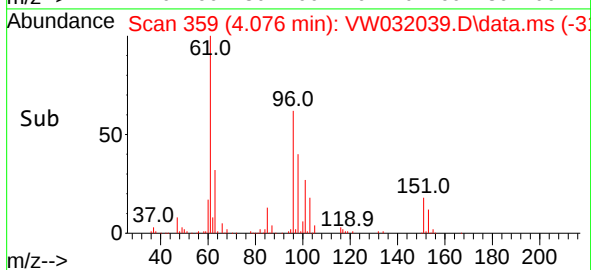
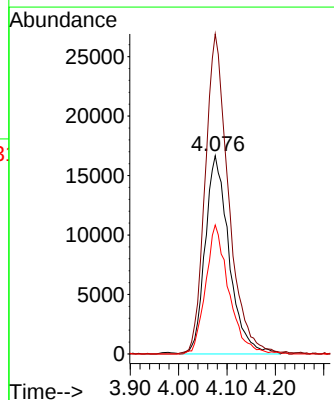
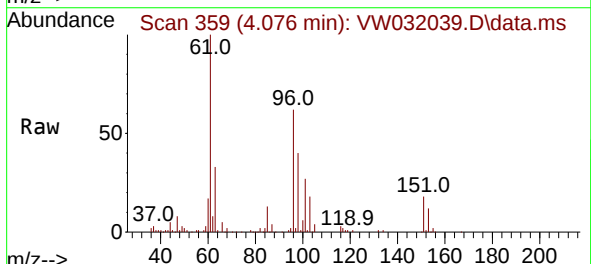
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

Tgt Ion: 59 Resp: 22969
Ion Ratio Lower Upper
59 100
57 11.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.937 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 96 Resp: 57179
Ion Ratio Lower Upper
96 100
61 161.0 135.0 202.6
98 65.1 52.3 78.5

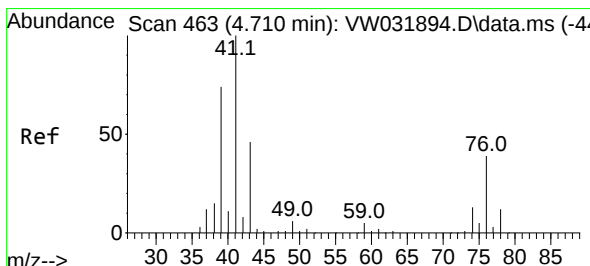
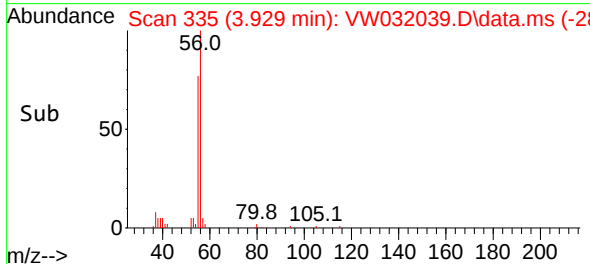
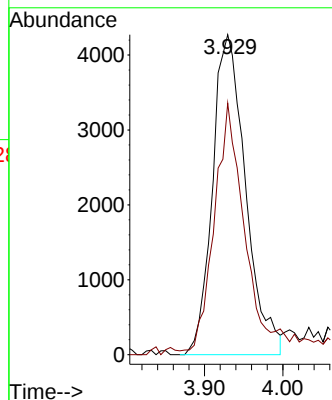
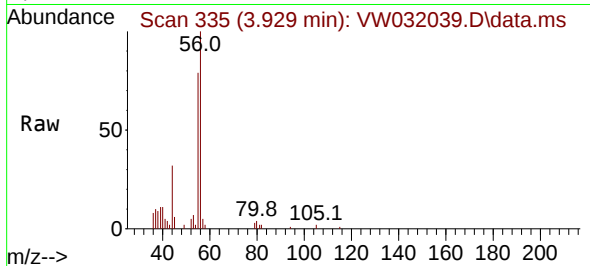




#13
Acrolein
Concen: 36.552 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.013 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

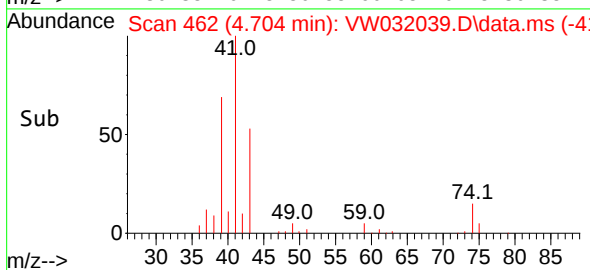
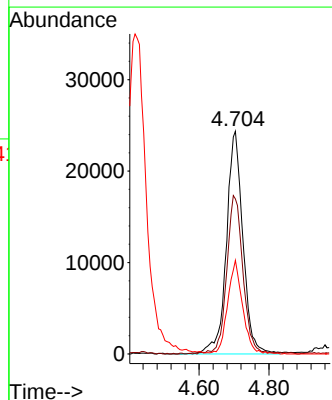
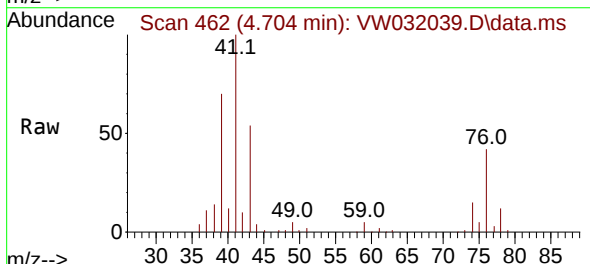
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

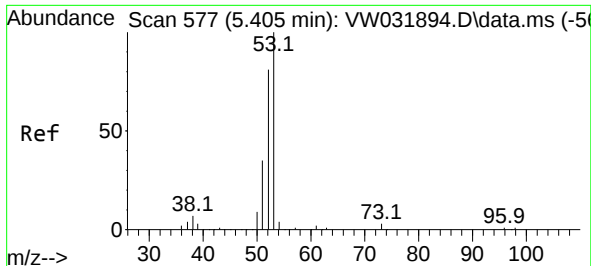
Tgt Ion: 56 Resp: 12533
Ion Ratio Lower Upper
56 100
55 70.7 56.7 85.1



#14
Allyl chloride
Concen: 16.991 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 41 Resp: 79863
Ion Ratio Lower Upper
41 100
39 70.2 56.6 85.0
76 38.2 30.1 45.1

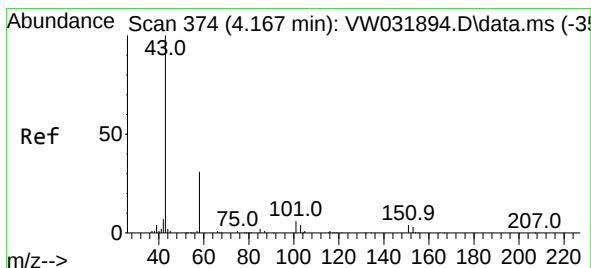
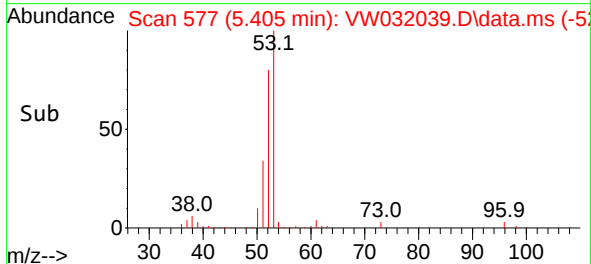
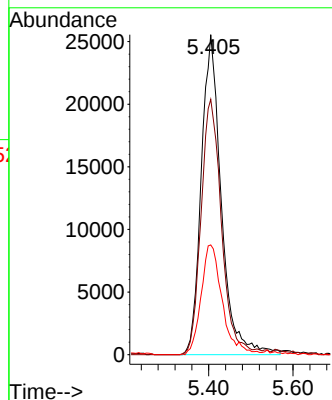
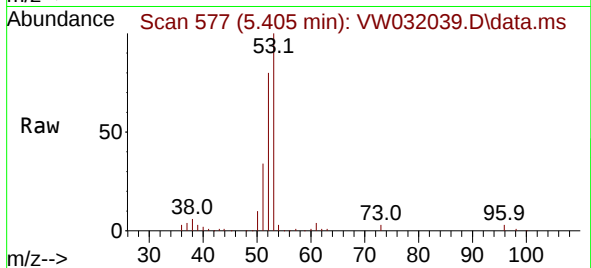




#15
Acrylonitrile
Concen: 99.459 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

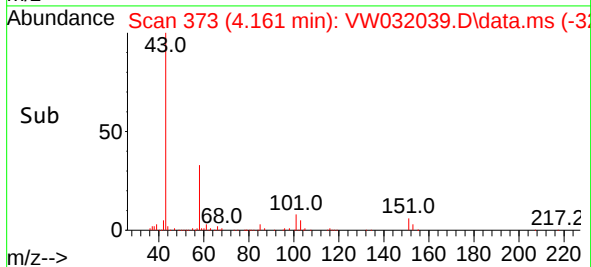
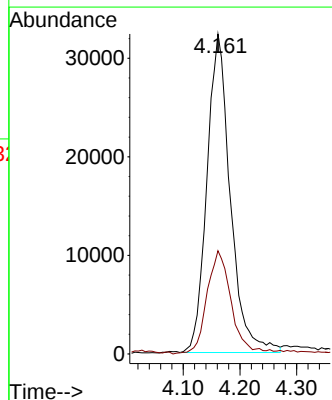
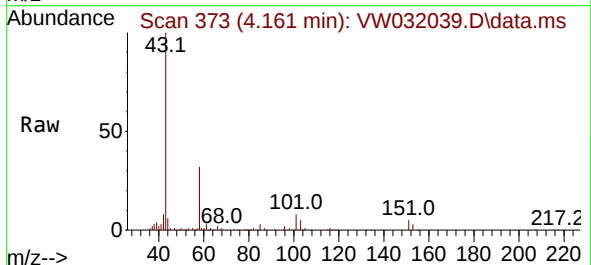
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

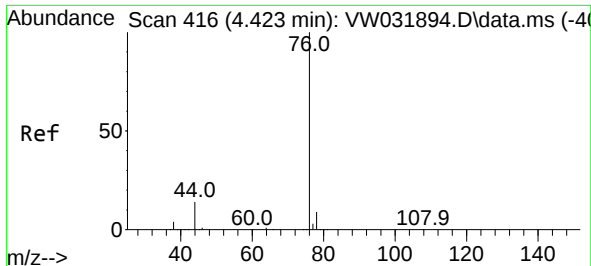
Tgt Ion:	53	Resp:	84419
Ion	Ratio	Lower	Upper
53	100		
52	81.6	67.0	100.4
51	36.4	29.9	44.9



#16
Acetone
Concen: 113.977 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion:	43	Resp:	92649
Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.5	38.3

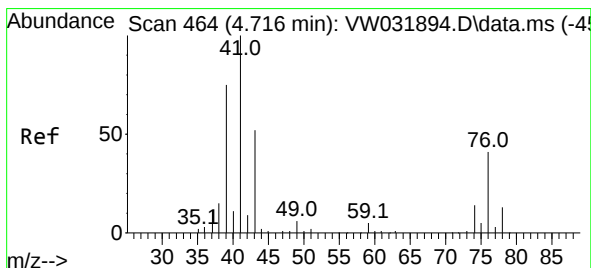
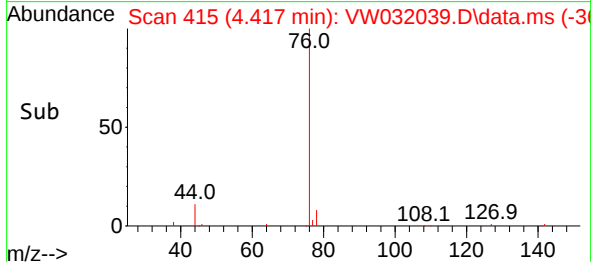
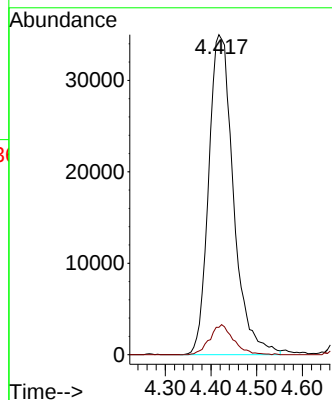
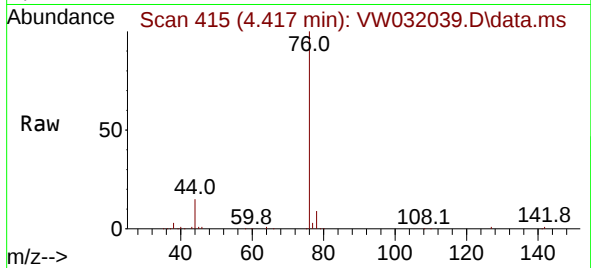




#17
Carbon Disulfide
Concen: 16.836 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

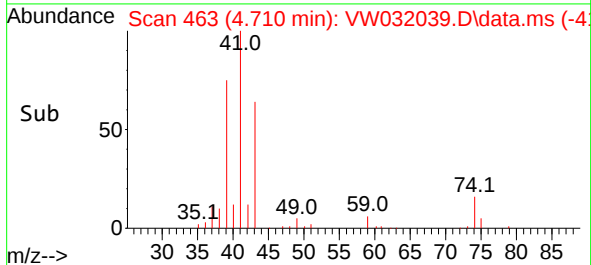
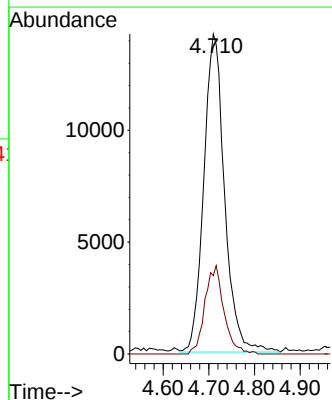
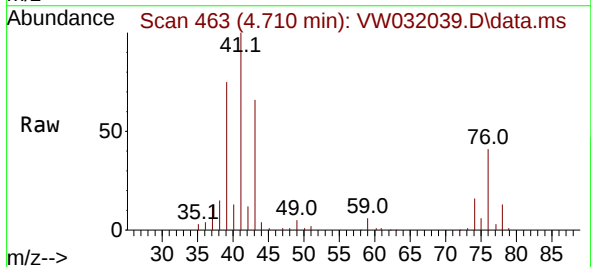
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

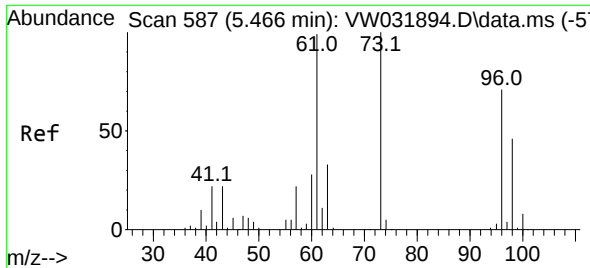
Tgt Ion: 76 Resp: 131839
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 20.126 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 43 Resp: 45072
Ion Ratio Lower Upper
43 100
74 25.3 20.6 31.0

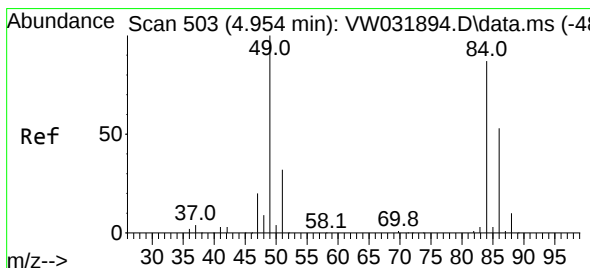
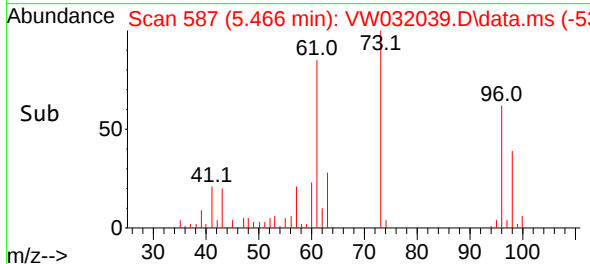
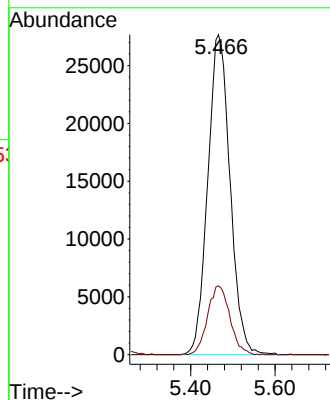
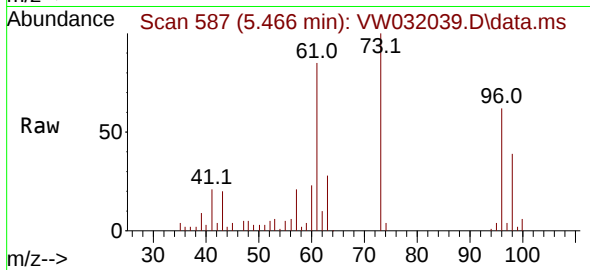




#19
Methyl tert-butyl Ether
Concen: 19.461 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

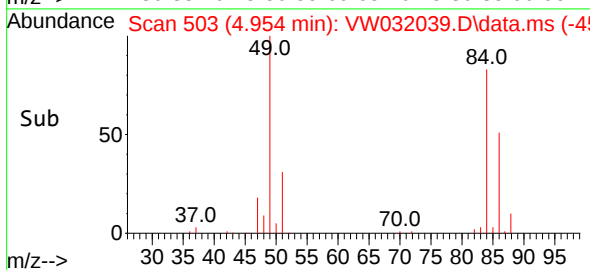
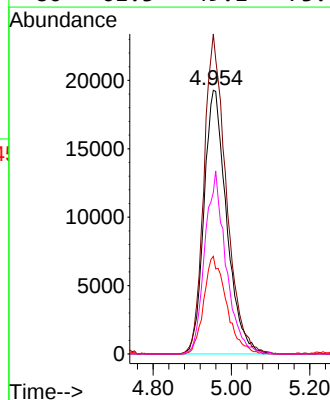
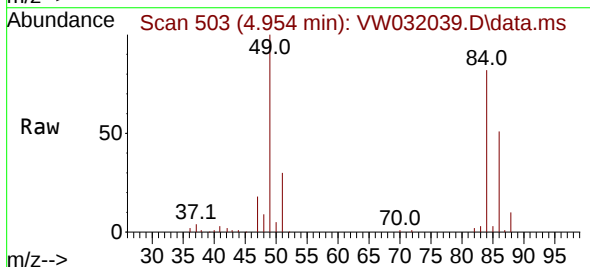
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

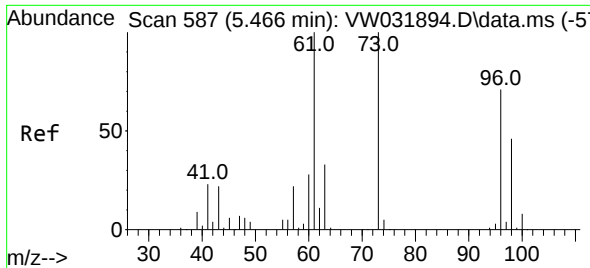
Tgt Ion: 73 Resp: 101528
Ion Ratio Lower Upper
73 100
57 21.5 17.5 26.3



#20
Methylene Chloride
Concen: 19.477 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 84 Resp: 77592
Ion Ratio Lower Upper
84 100
49 121.3 91.9 137.9
51 37.0 29.0 43.6
86 61.3 49.1 73.7

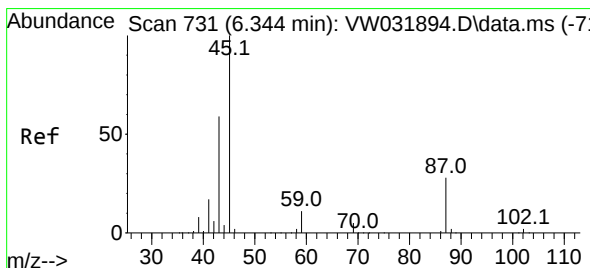
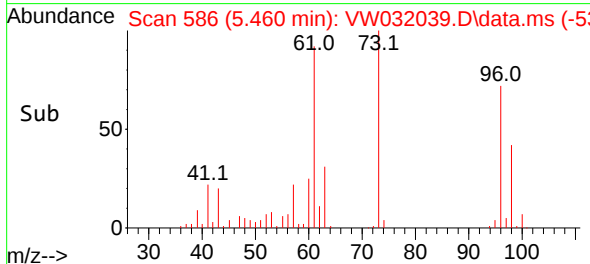
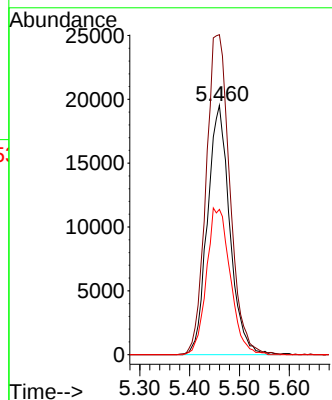
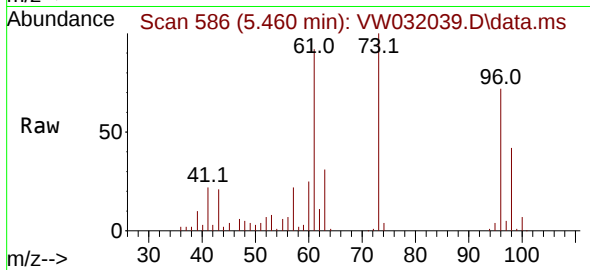




#21
trans-1,2-Dichloroethene
Concen: 18.923 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

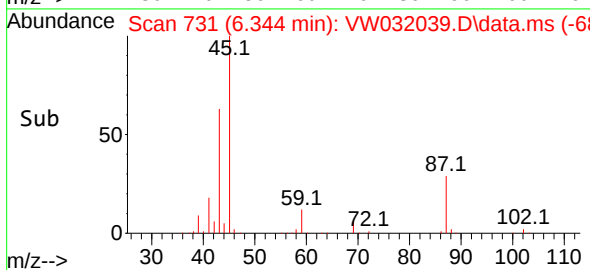
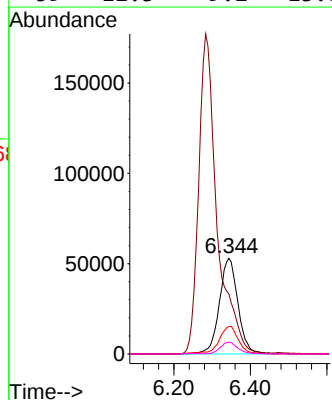
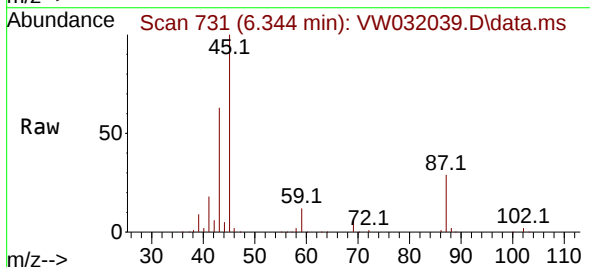
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

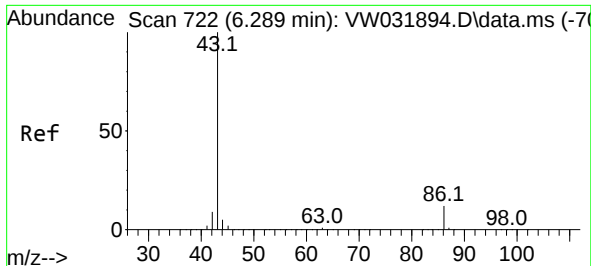
Tgt Ion: 96 Resp: 60622
Ion Ratio Lower Upper
96 100
61 128.1 112.8 169.2
98 58.3 51.9 77.9



#22
Diisopropyl ether
Concen: 18.992 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 45 Resp: 178627
Ion Ratio Lower Upper
45 100
43 63.0 47.0 70.6
87 28.4 22.8 34.2
59 12.3 9.2 13.8

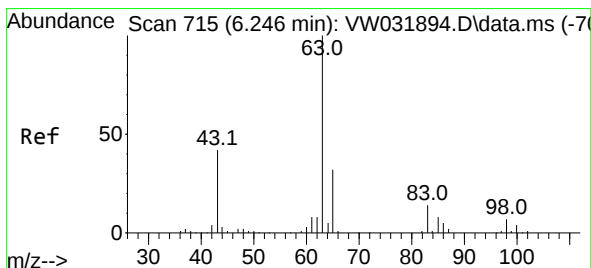
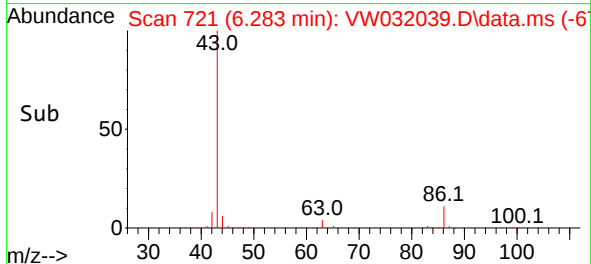
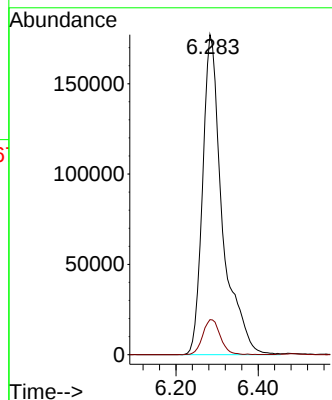
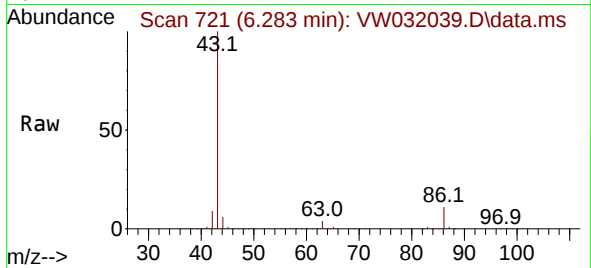




#23
 Vinyl Acetate
 Concen: 96.164 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. -0.006 min
 Lab File: VW032039.D
 Acq: 07 Aug 2025 12:43

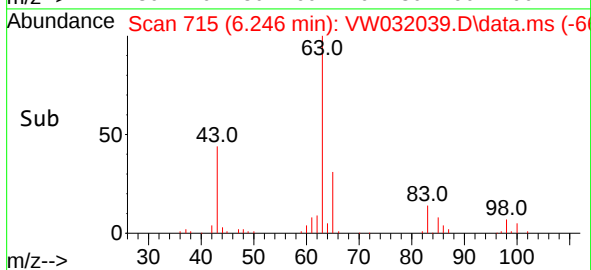
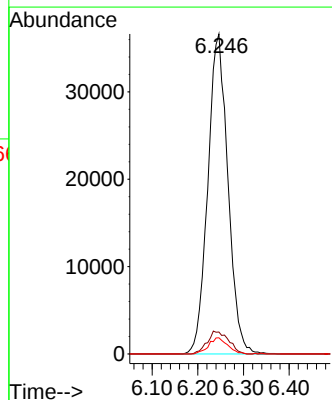
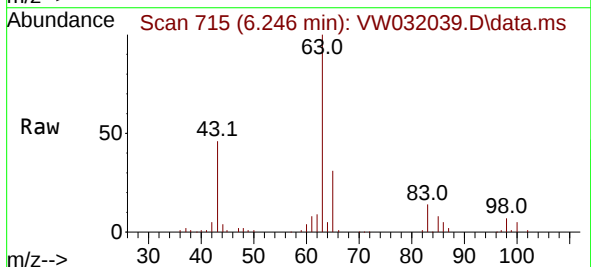
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0807SBSD01

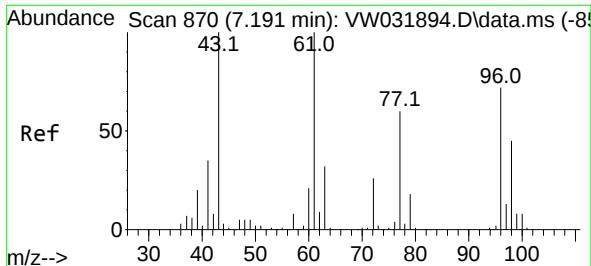
Tgt Ion: 43 Resp: 590908
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 19.145 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032039.D
 Acq: 07 Aug 2025 12:43

Tgt Ion: 63 Resp: 112111
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 5.1 2.2 6.6

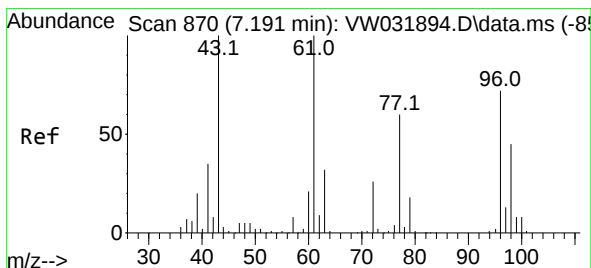
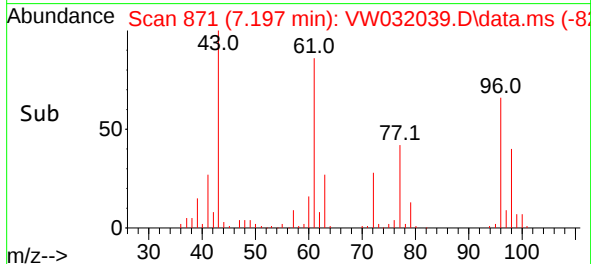
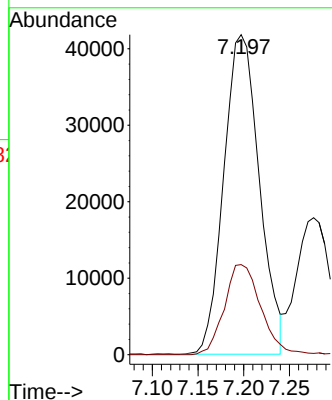
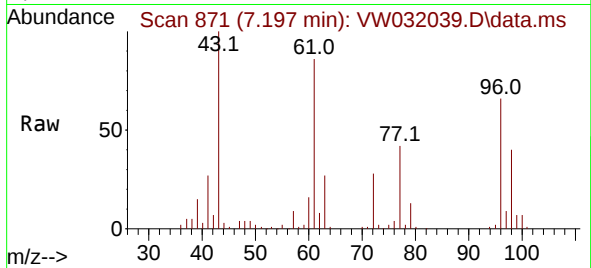




#25
2-Butanone
Concen: 101.774 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

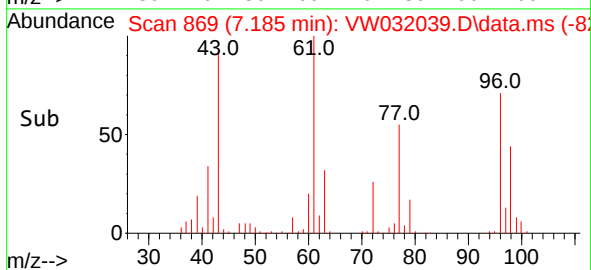
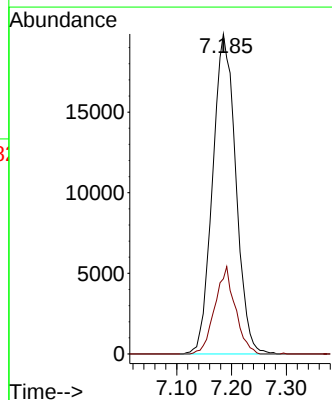
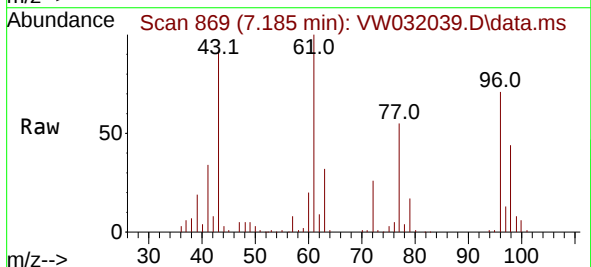
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

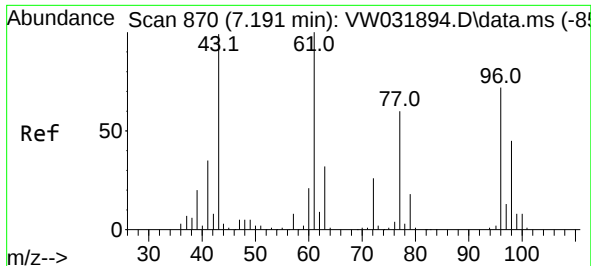
Tgt Ion: 43 Resp: 113192
Ion Ratio Lower Upper
43 100
72 28.2 20.8 31.2



#26
2,2-Dichloropropane
Concen: 17.620 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 77 Resp: 58415
Ion Ratio Lower Upper
77 100
97 23.9 11.4 34.1



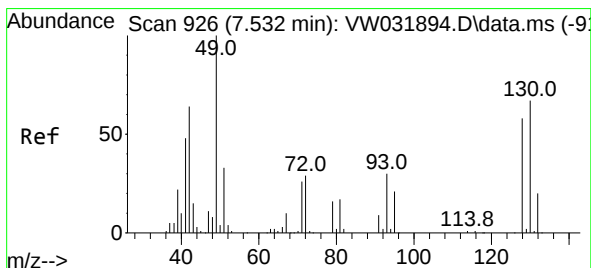
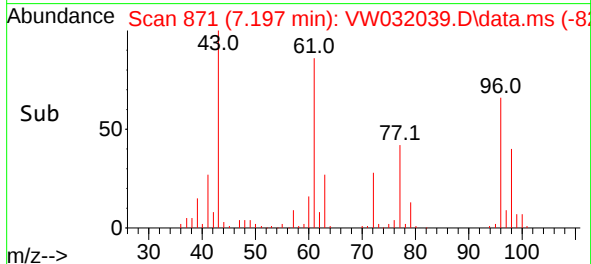
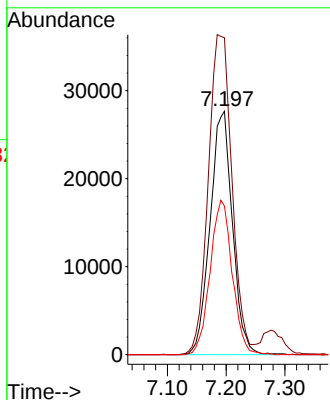
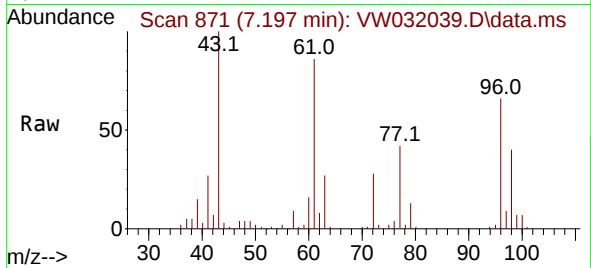


#27
 cis-1,2-Dichloroethene
 Concen: 19.465 ug/l
 RT: 7.197 min Scan# 871
 Delta R.T. 0.006 min
 Lab File: VW032039.D
 Acq: 07 Aug 2025 12:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0807SBSD01

Tgt Ion: 96 Resp: 73312

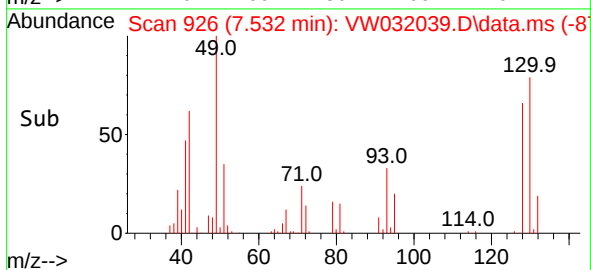
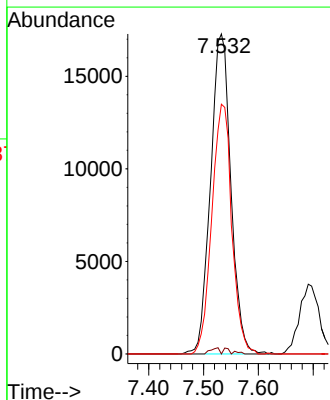
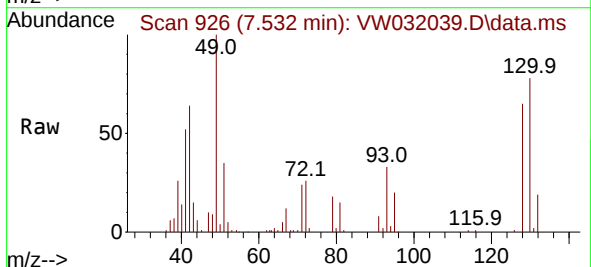
Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	280.2
98	62.7	0.0	126.8

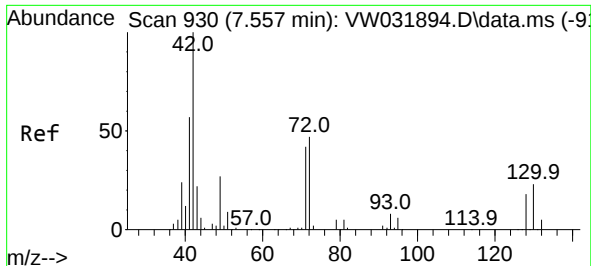


#28
 Bromochloromethane
 Concen: 18.164 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032039.D
 Acq: 07 Aug 2025 12:43

Tgt Ion: 49 Resp: 44535

Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.4
130	76.6	59.0	88.4





#29

Tetrahydrofuran

Concen: 100.902 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBSD01

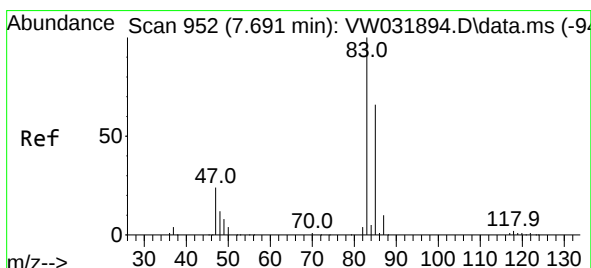
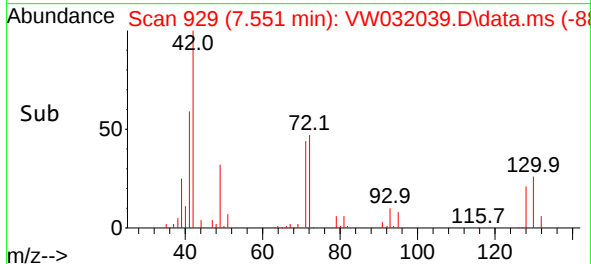
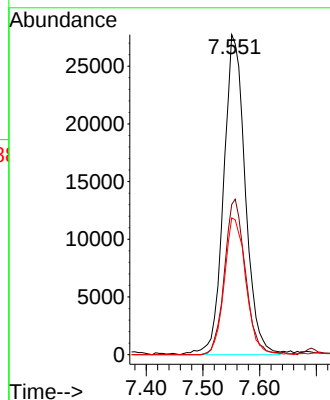
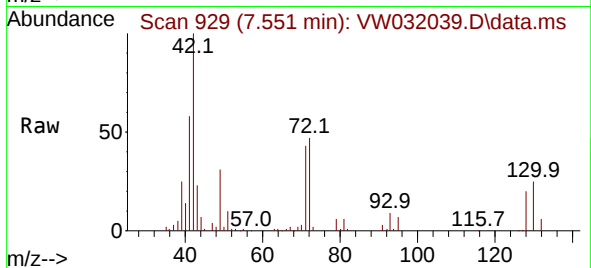
Tgt Ion: 42 Resp: 73576

Ion Ratio Lower Upper

42 100

72 47.0 37.0 55.6

71 42.7 34.5 51.7



#30

Chloroform

Concen: 20.035 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW032039.D

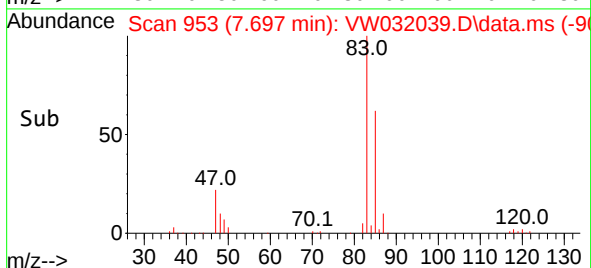
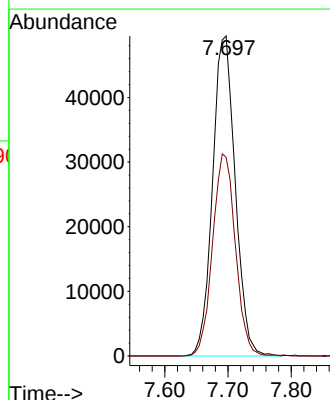
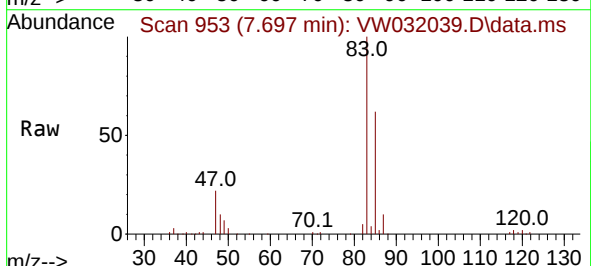
Acq: 07 Aug 2025 12:43

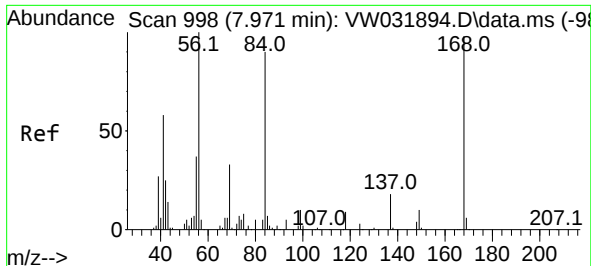
Tgt Ion: 83 Resp: 123016

Ion Ratio Lower Upper

83 100

85 62.1 52.6 78.8

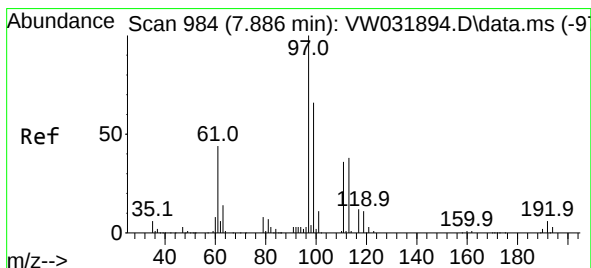
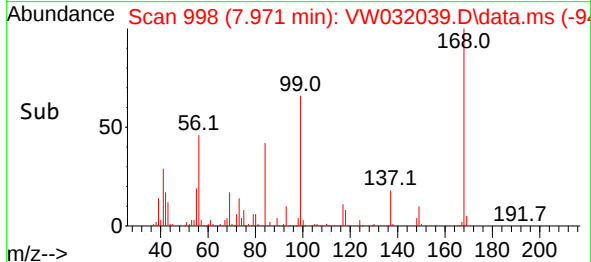
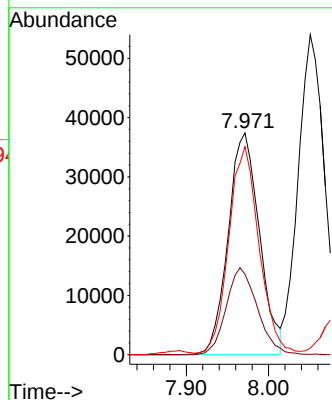
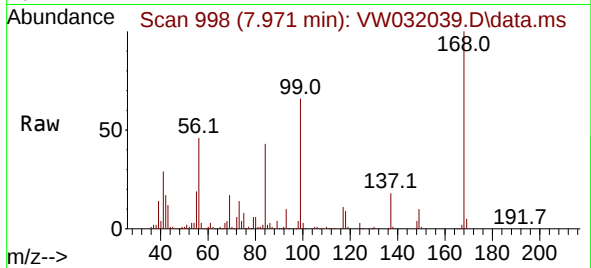




#31
Cyclohexane
Concen: 18.836 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

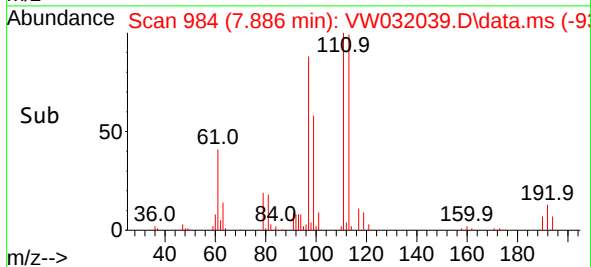
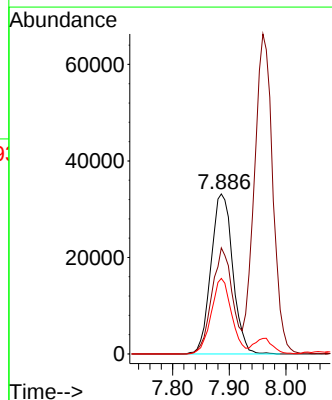
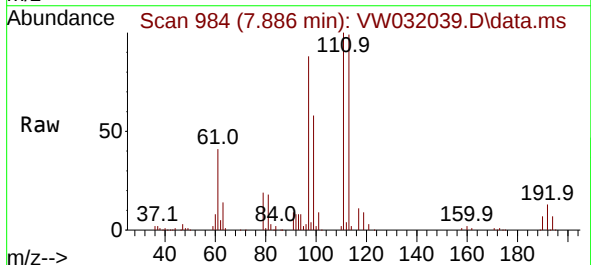
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

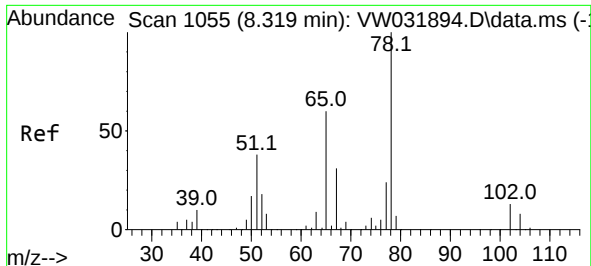
Tgt Ion: 56 Resp: 98958
Ion Ratio Lower Upper
56 100
69 36.3 26.7 40.1
84 92.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 18.889 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 97 Resp: 88255
Ion Ratio Lower Upper
97 100
99 63.1 53.0 79.4
61 44.0 35.4 53.0

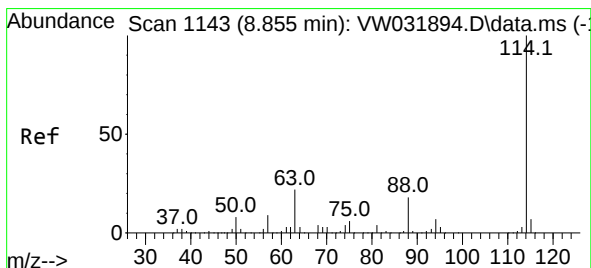
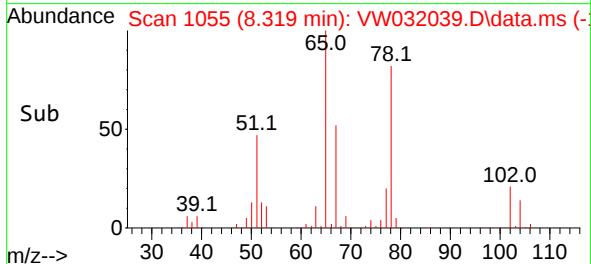
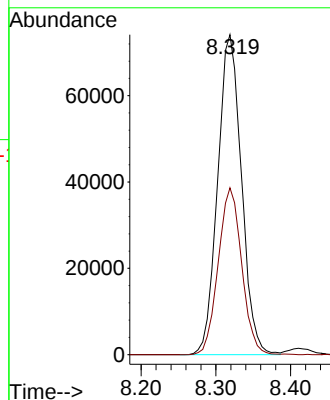
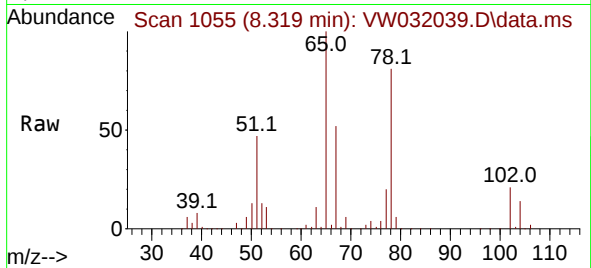




#33
 1,2-Dichloroethane-d4
 Concen: 47.971 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032039.D
 Acq: 07 Aug 2025 12:43

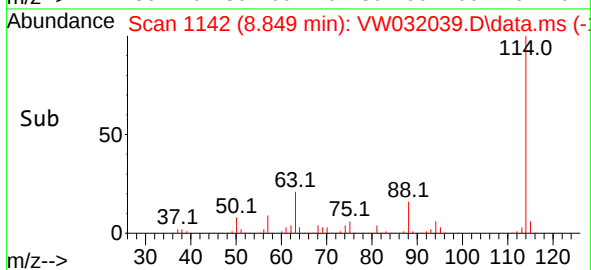
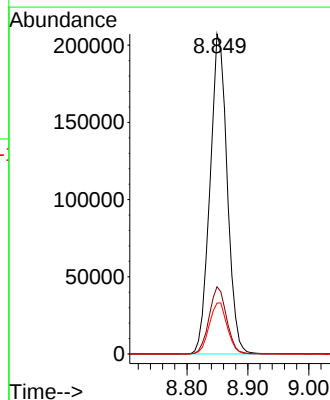
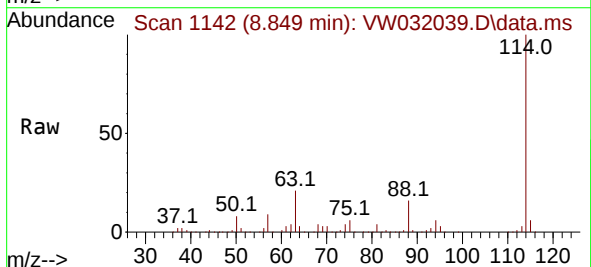
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0807SBSD01

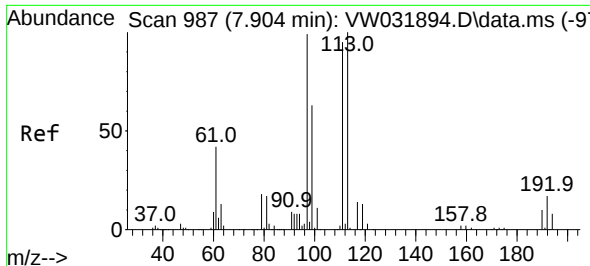
Tgt Ion: 65 Resp: 164328
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032039.D
 Acq: 07 Aug 2025 12:43

Tgt Ion: 114 Resp: 405839
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.2
 88 15.9 0.0 35.6





#35

Dibromofluoromethane

Concen: 51.145 ug/l

RT: 7.898 min Scan# 9

Delta R.T. -0.006 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBSD01

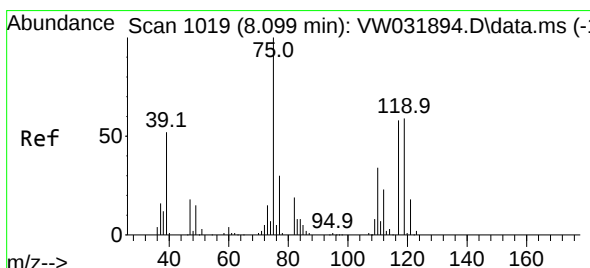
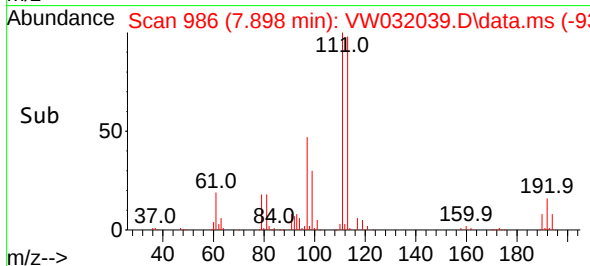
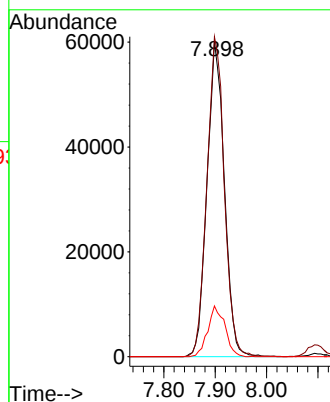
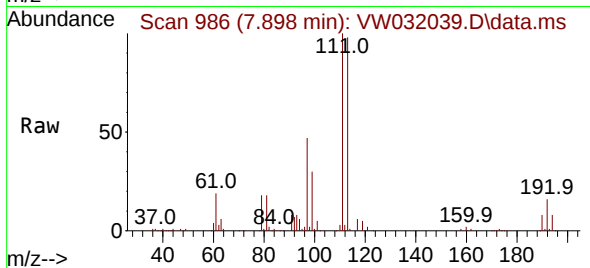
Tgt Ion:113 Resp: 141044

Ion Ratio Lower Upper

113 100

111 101.9 79.9 119.9

192 15.9 12.6 19.0



#36

1,1-Dichloropropene

Concen: 19.688 ug/l

RT: 8.093 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

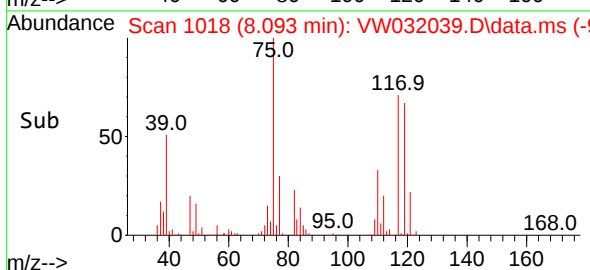
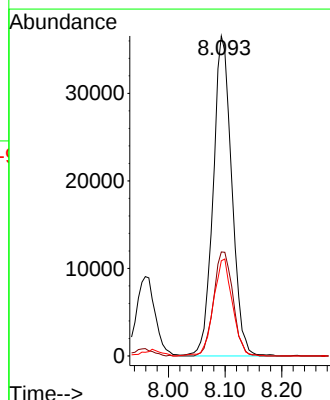
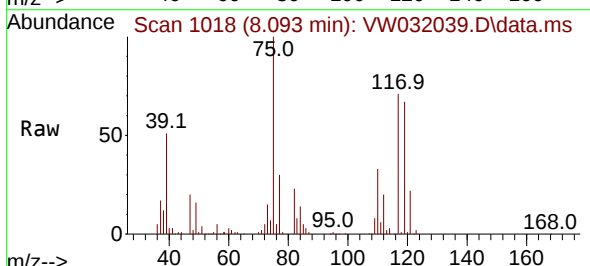
Tgt Ion: 75 Resp: 83382

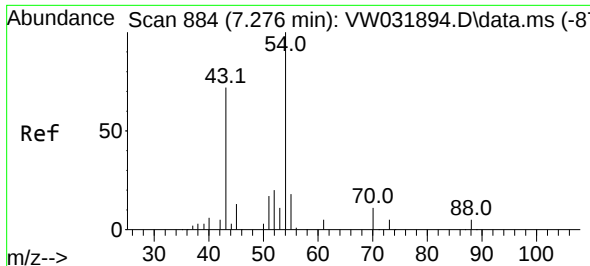
Ion Ratio Lower Upper

75 100

110 33.8 17.0 50.9

77 31.1 25.1 37.7

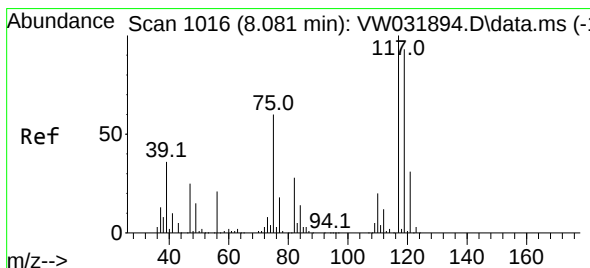
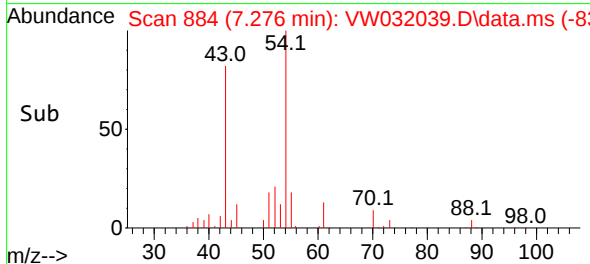
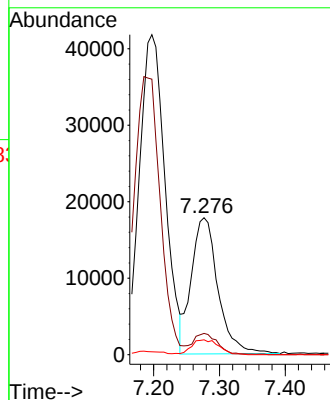
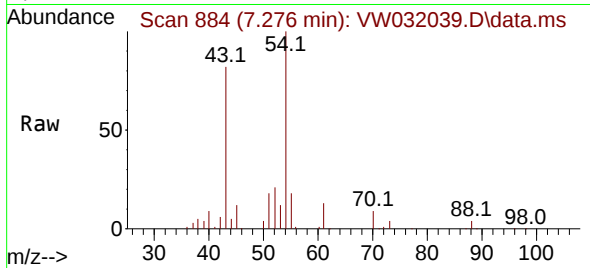




#37
Ethyl Acetate
Concen: 20.722 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

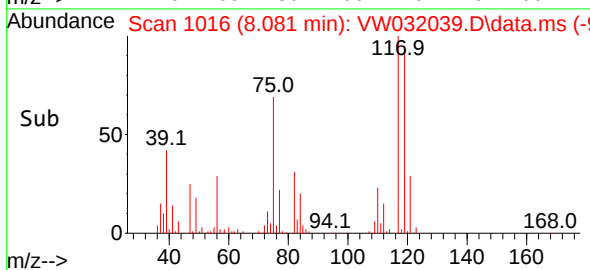
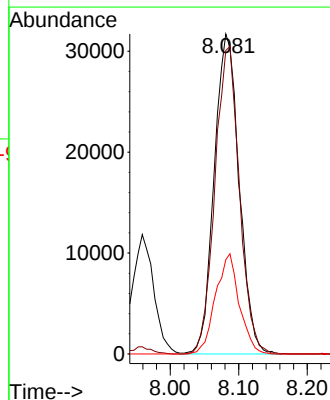
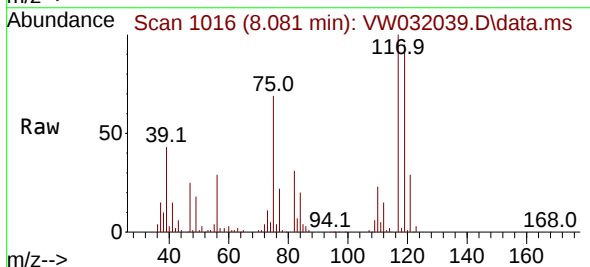
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

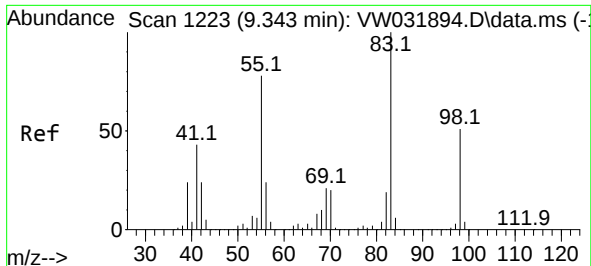
Tgt Ion:	43	Resp:	50064
Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.6	15.8
70	11.3	9.0	13.4



#38
Carbon Tetrachloride
Concen: 19.699 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion:	117	Resp:	80067
Ion	Ratio	Lower	Upper
117	100		
119	94.9	74.3	111.5
121	29.4	24.6	37.0





#39

Methylcyclohexane

Concen: 19.244 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBSD01

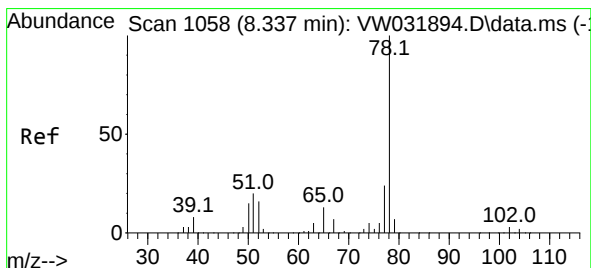
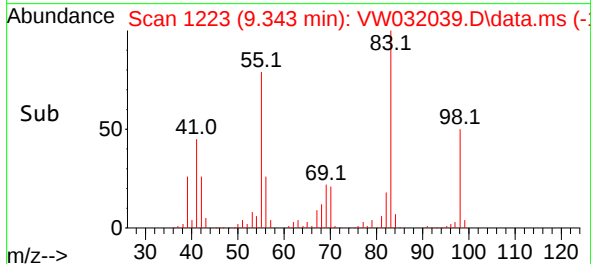
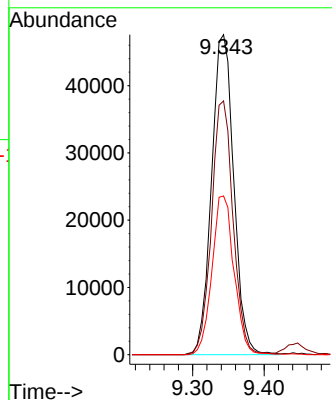
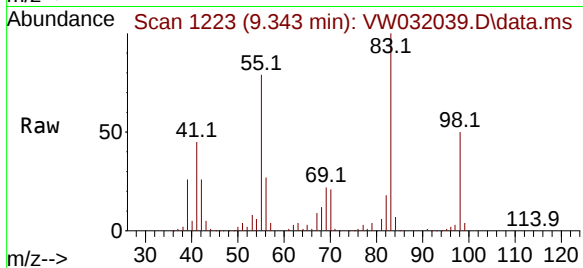
Tgt Ion: 83 Resp: 102567

Ion Ratio Lower Upper

83 100

55 79.3 62.5 93.7

98 49.6 40.6 61.0



#40

Benzene

Concen: 20.349 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032039.D

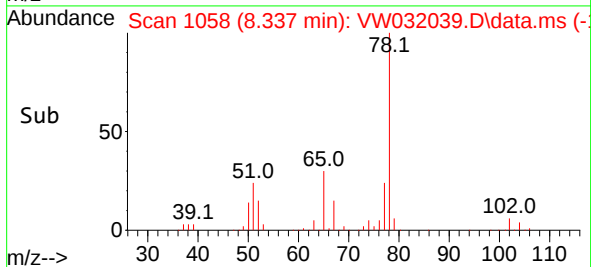
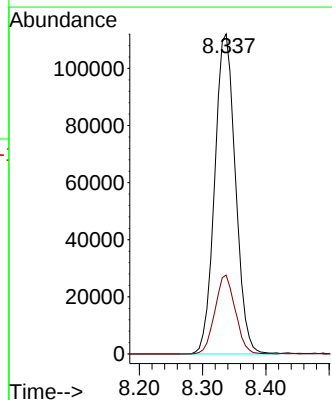
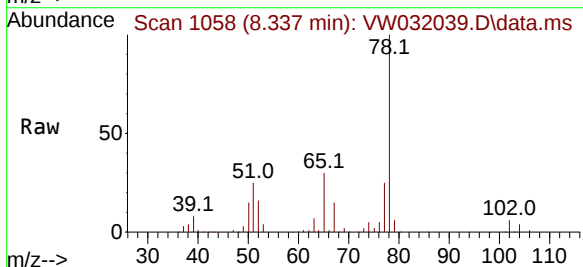
Acq: 07 Aug 2025 12:43

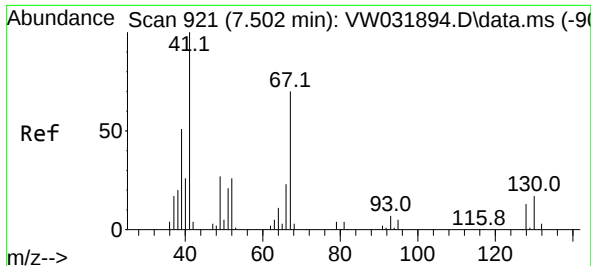
Tgt Ion: 78 Resp: 255113

Ion Ratio Lower Upper

78 100

77 24.6 19.3 28.9

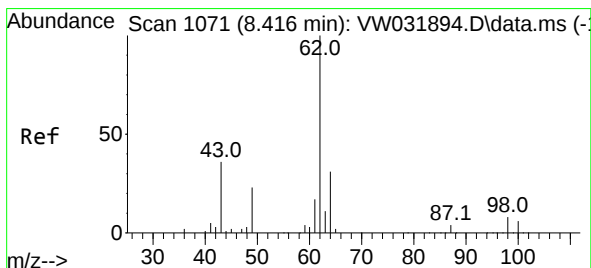
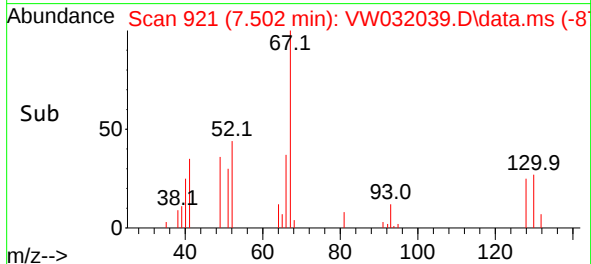
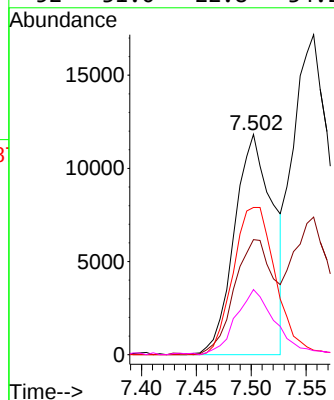
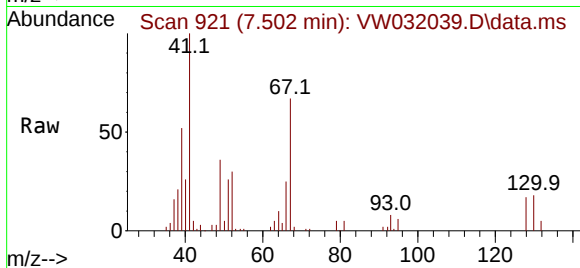




#41
Methacrylonitrile
Concen: 20.005 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

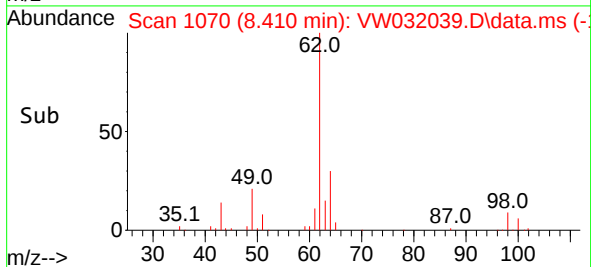
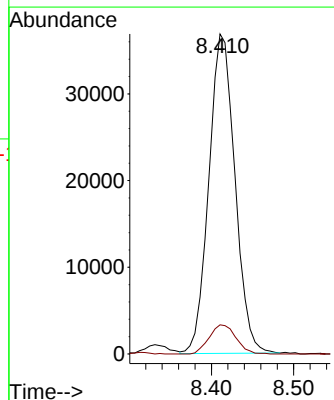
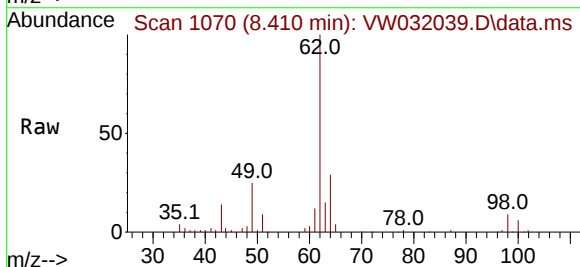
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

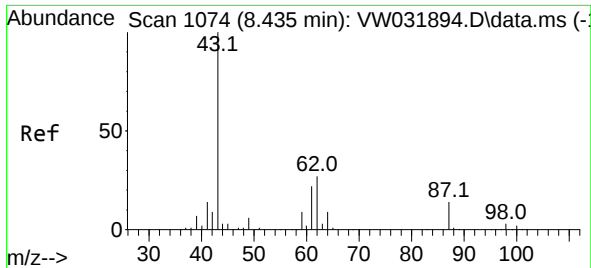
Tgt Ion:	41	Resp:	28932
Ion	Ratio	Lower	Upper
41	100		
39	53.7	41.1	61.7
67	73.6	56.2	84.4
52	31.0	22.8	34.2



#42
1,2-Dichloroethane
Concen: 20.246 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion:	62	Resp:	81233
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2

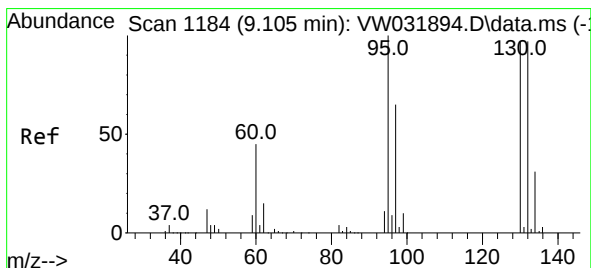
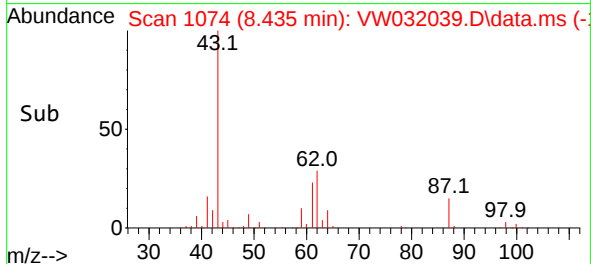
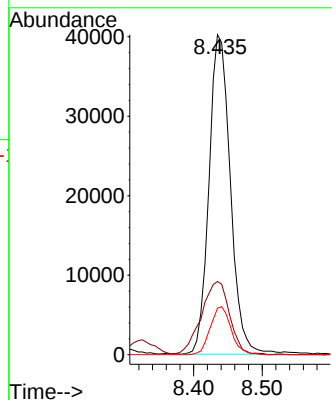
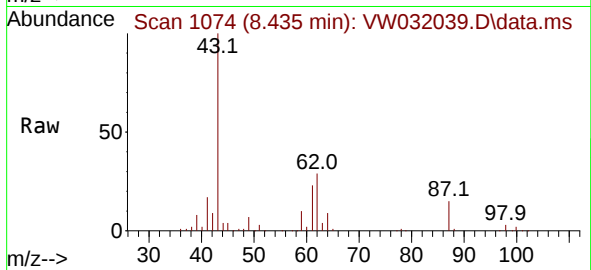




#43
Isopropyl Acetate
Concen: 19.906 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

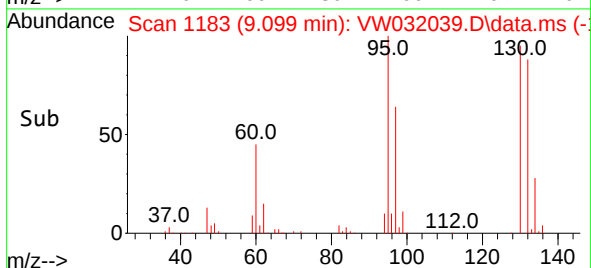
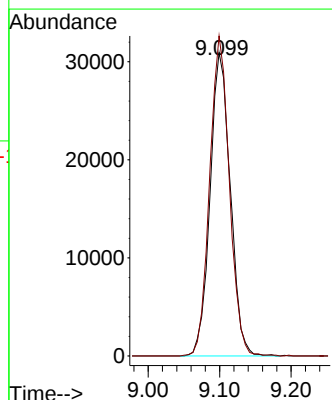
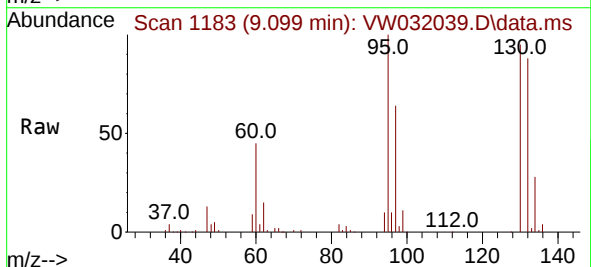
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

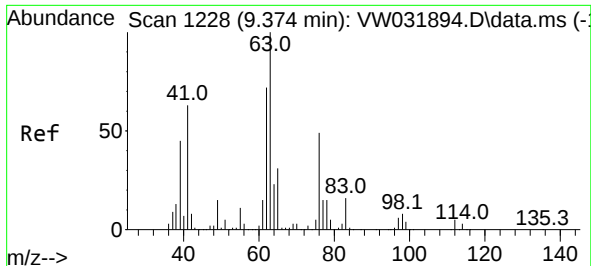
Tgt Ion: 43 Resp: 87061
Ion Ratio Lower Upper
43 100
61 30.4 24.0 36.0
87 14.7 11.1 16.7



#44
Trichloroethene
Concen: 20.386 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion:130 Resp: 60749
Ion Ratio Lower Upper
130 100
95 105.4 0.0 206.4





#45

1,2-Dichloropropane

Concen: 20.549 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

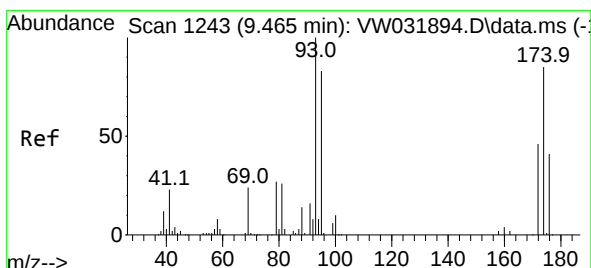
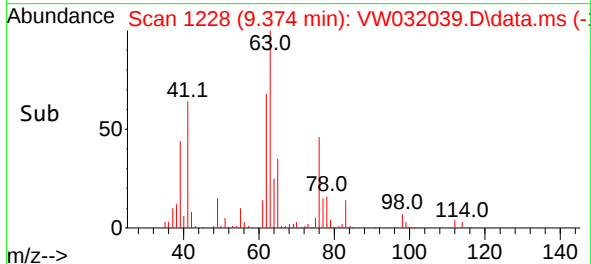
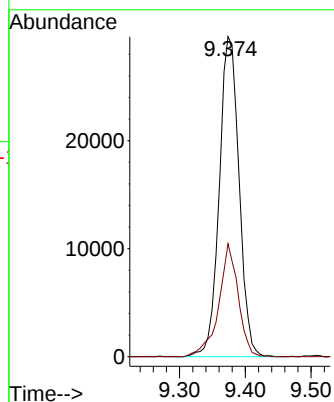
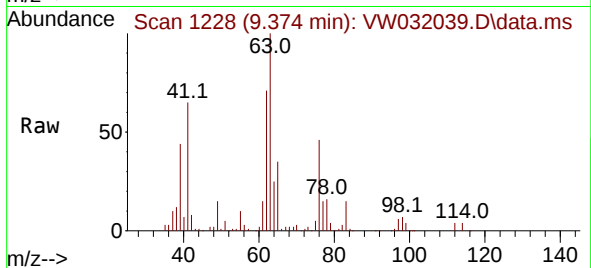
VW0807SBSD01

Tgt Ion: 63 Resp: 62044

Ion Ratio Lower Upper

63 100

65 35.3 25.0 37.4



#46

Dibromomethane

Concen: 20.343 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

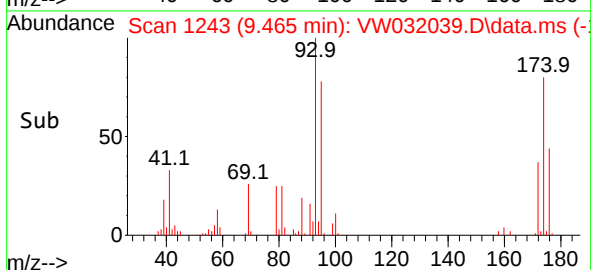
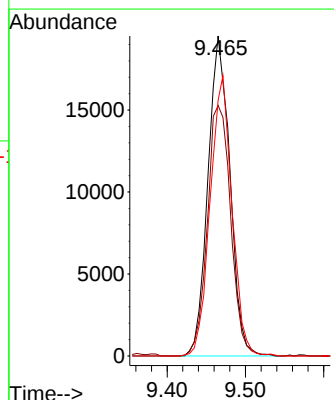
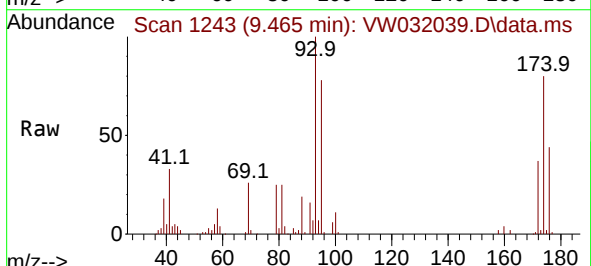
Tgt Ion: 93 Resp: 38075

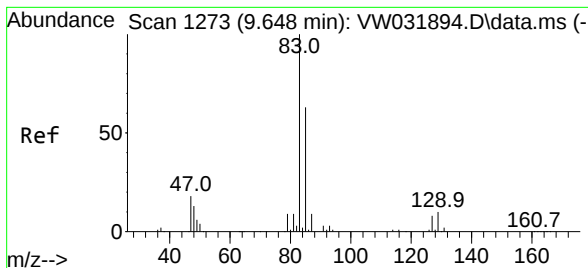
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.6

174 86.7 70.2 105.2





#47

Bromodichloromethane

Concen: 20.179 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBS01

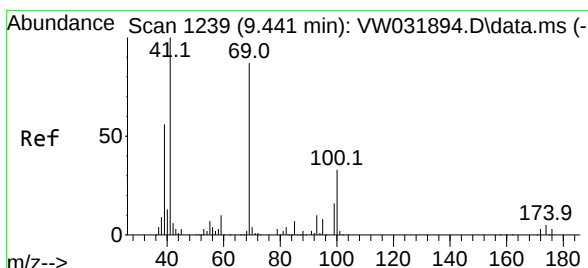
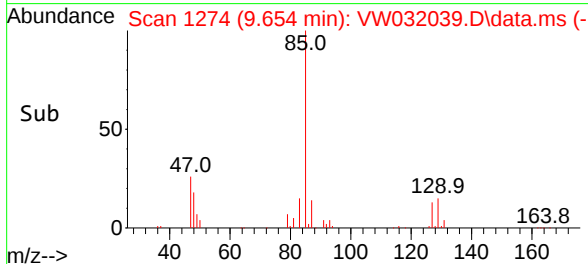
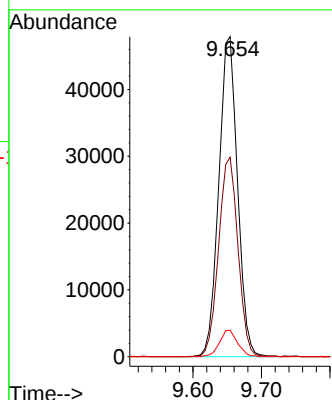
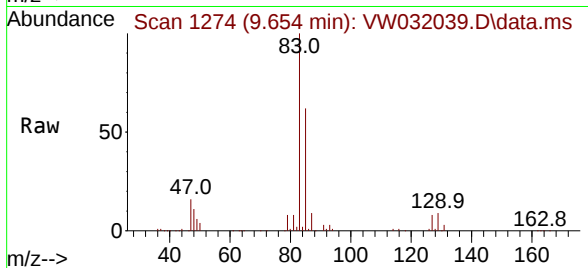
Tgt Ion: 83 Resp: 90563

Ion Ratio Lower Upper

83 100

85 62.3 50.6 76.0

127 8.3 6.5 9.7



#48

Methyl methacrylate

Concen: 20.557 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

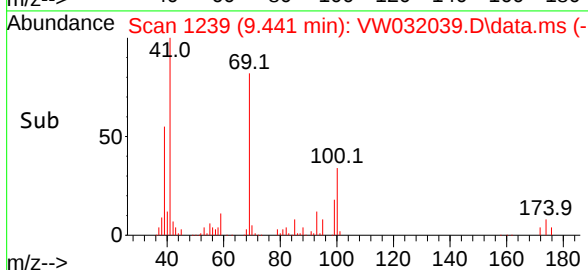
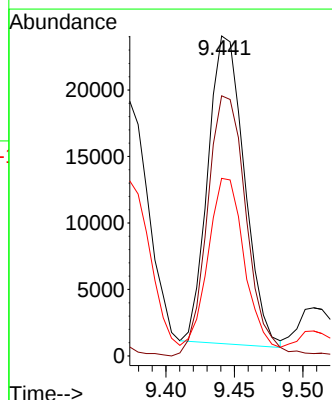
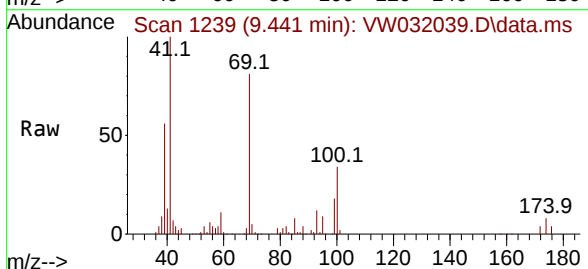
Tgt Ion: 41 Resp: 42775

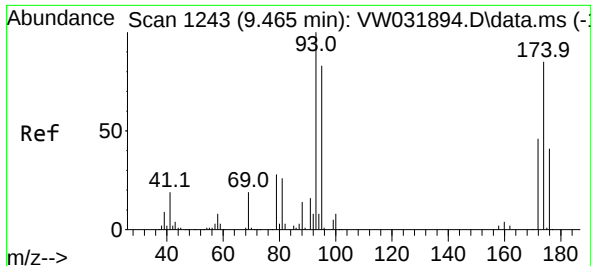
Ion Ratio Lower Upper

41 100

69 91.2 73.6 110.4

39 54.2 45.5 68.3





#49

1,4-Dioxane

Concen: 531.764 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBSD01

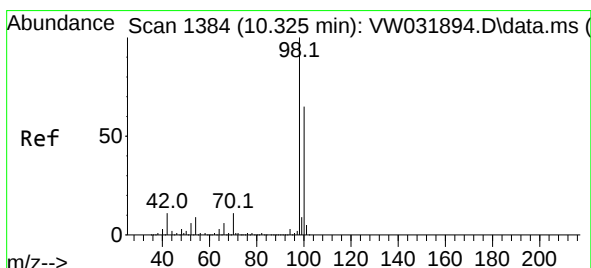
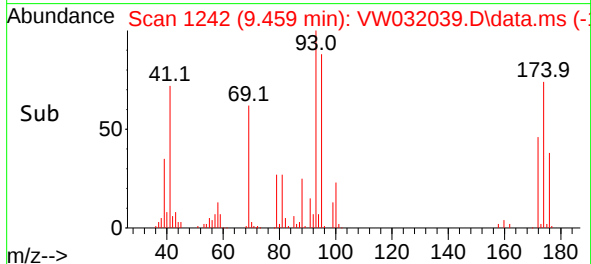
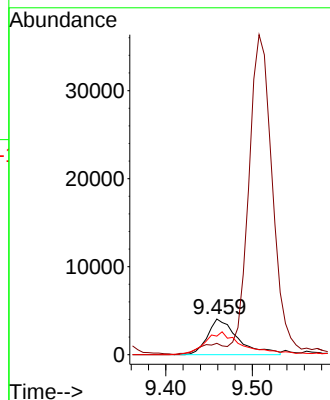
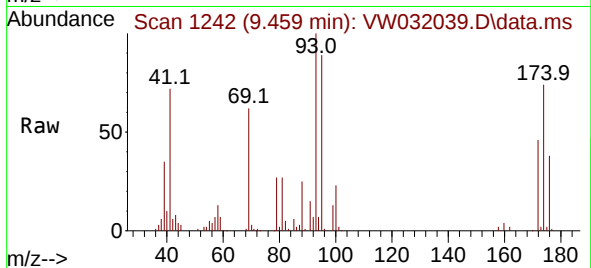
Tgt Ion: 88 Resp: 9931

Ion Ratio Lower Upper

88 100

43 27.8 19.0 28.4

58 80.2 58.2 87.2



#50

Toluene-d8

Concen: 51.309 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032039.D

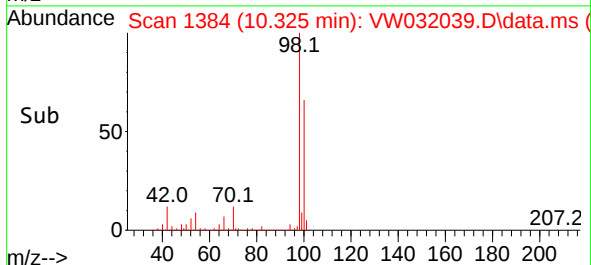
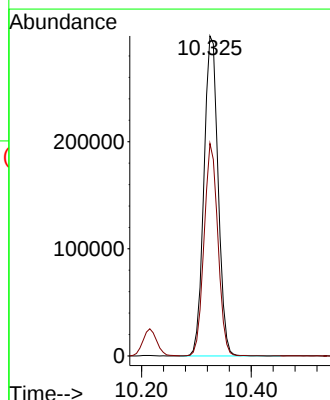
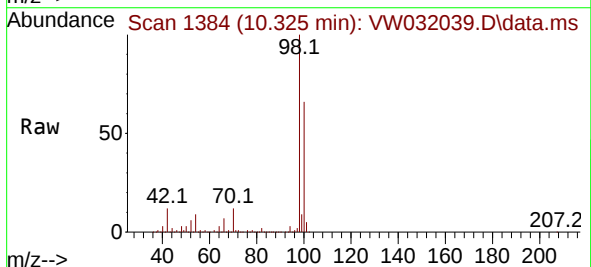
Acq: 07 Aug 2025 12:43

Tgt Ion: 98 Resp: 535520

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5

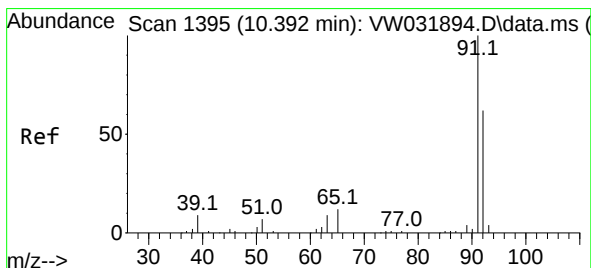
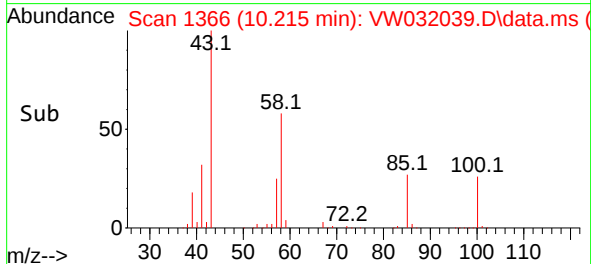
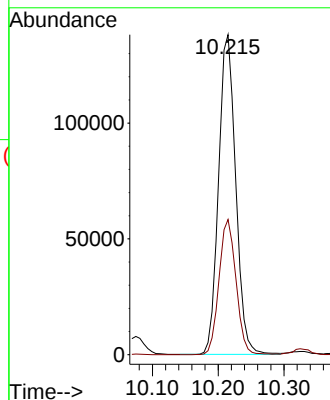
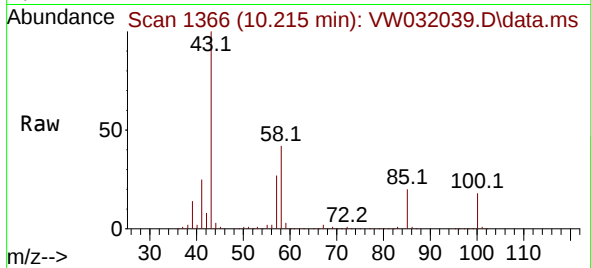




#51
4-Methyl-2-Pentanone
Concen: 104.589 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

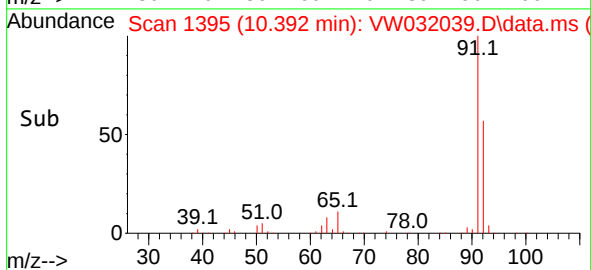
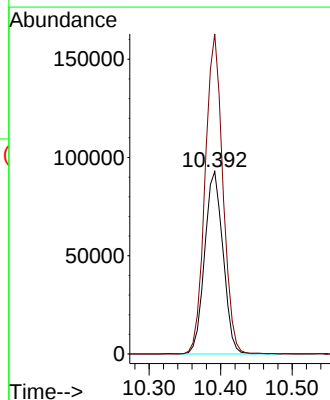
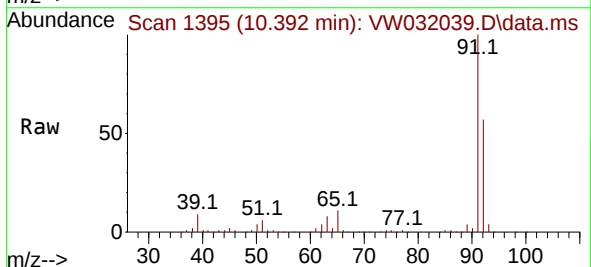
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

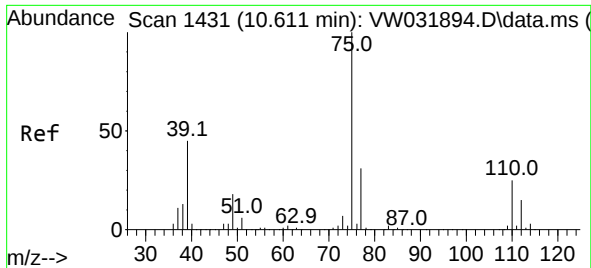
Tgt Ion: 43 Resp: 250342
Ion Ratio Lower Upper
43 100
58 42.0 32.8 49.2



#52
Toluene
Concen: 20.531 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 92 Resp: 165464
Ion Ratio Lower Upper
92 100
91 169.8 133.7 200.5

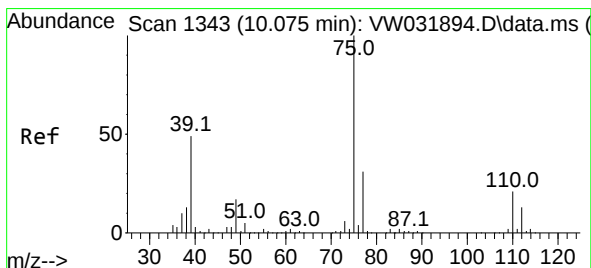
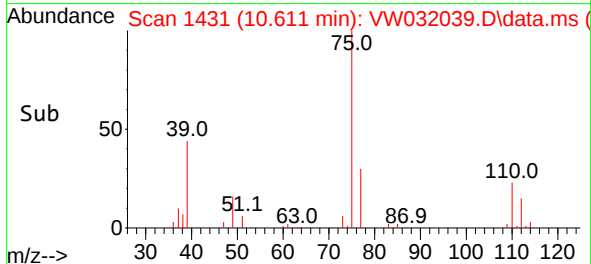
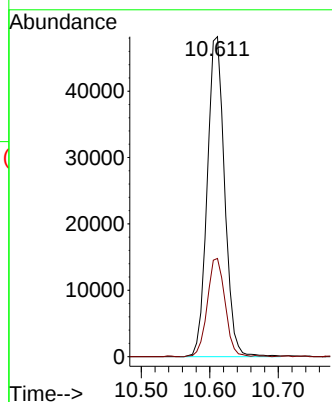
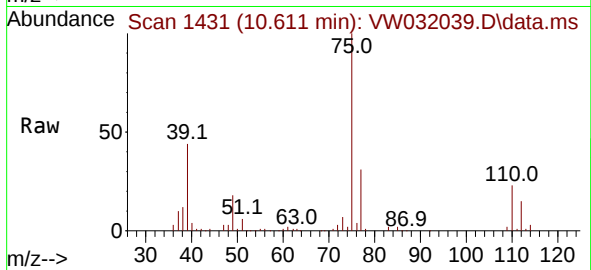




#53
t-1,3-Dichloropropene
Concen: 19.776 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

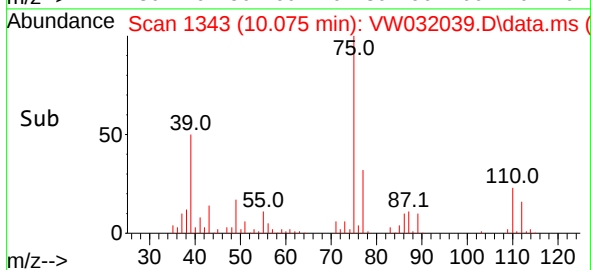
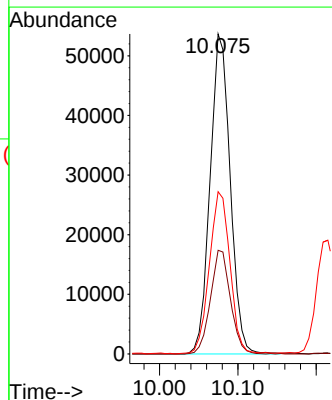
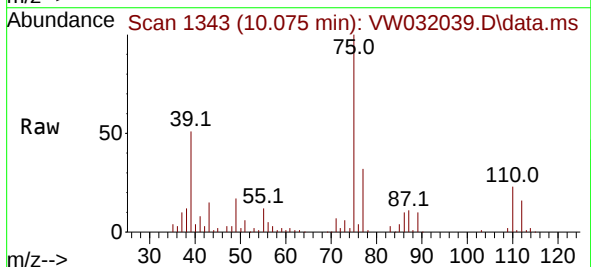
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

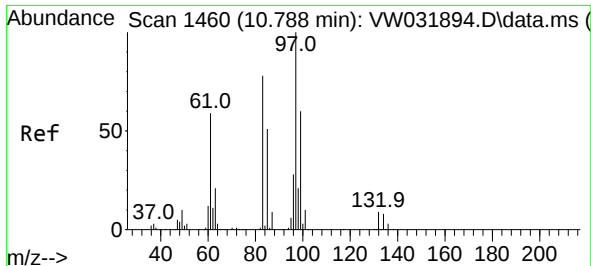
Tgt Ion: 75 Resp: 85139
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 19.445 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 75 Resp: 95600
Ion Ratio Lower Upper
75 100
77 32.4 24.5 36.7
39 50.5 39.3 58.9

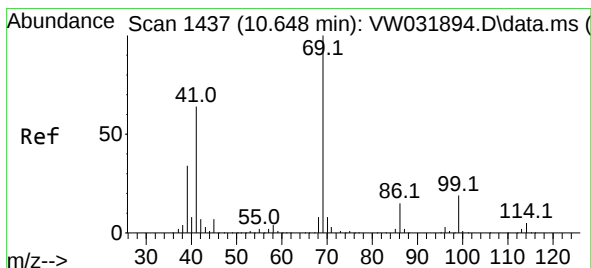
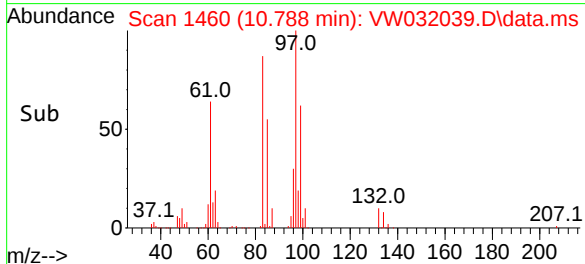
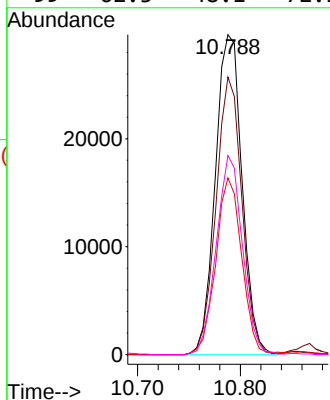
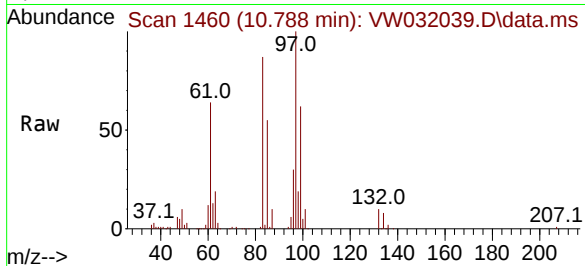




#55
1,1,2-Trichloroethane
Concen: 21.555 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

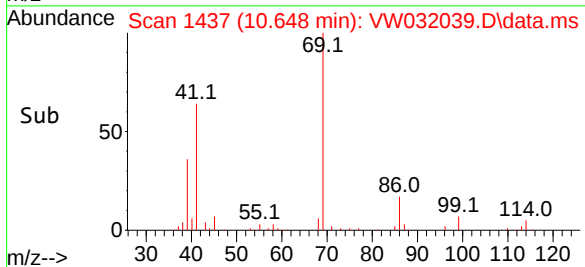
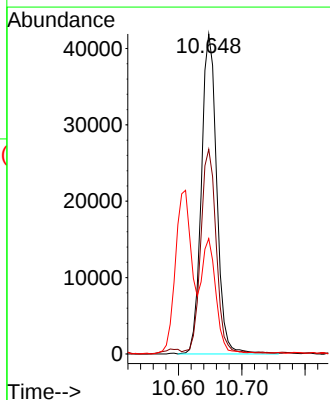
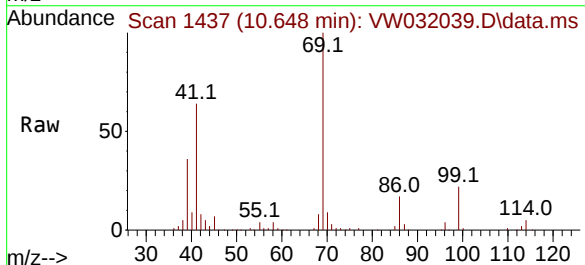
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

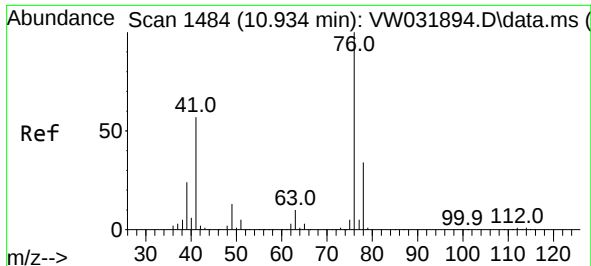
Tgt Ion:	97	Resp:	53588
Ion	Ratio	Lower	Upper
97	100		
83	86.7	62.4	93.6
85	55.3	41.0	61.6
99	62.3	48.1	72.1



#56
Ethyl methacrylate
Concen: 20.207 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion:	69	Resp:	70950
Ion	Ratio	Lower	Upper
69	100		
41	63.8	52.0	78.0
39	32.9	26.6	40.0





#57

1,3-Dichloropropane

Concen: 20.414 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

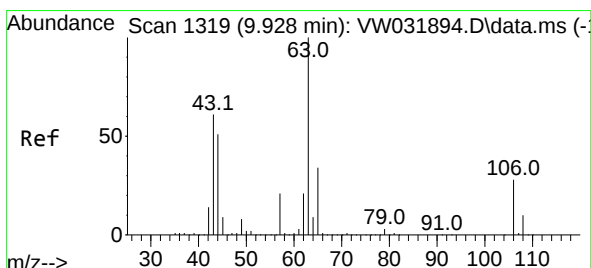
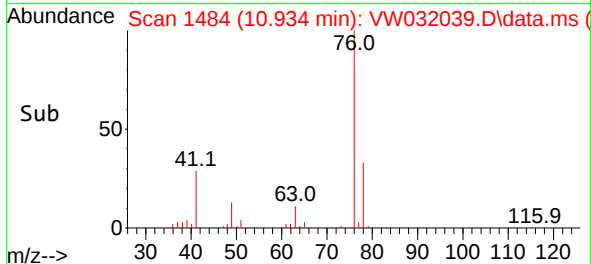
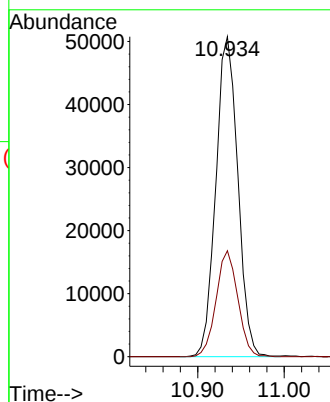
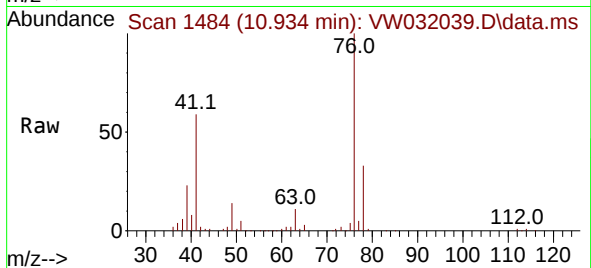
VW0807SBSD01

Tgt Ion: 76 Resp: 89412

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 98.590 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032039.D

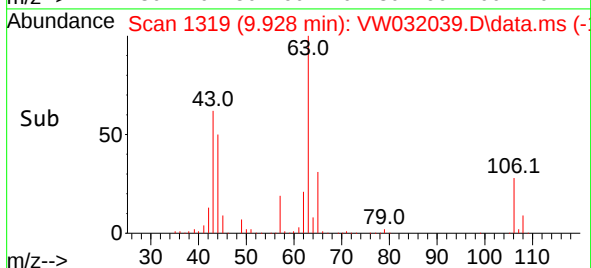
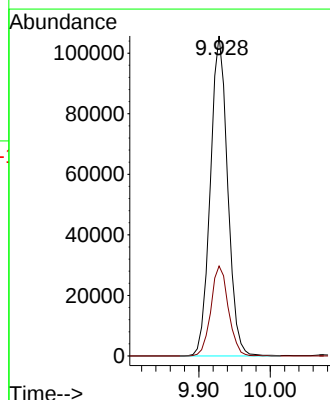
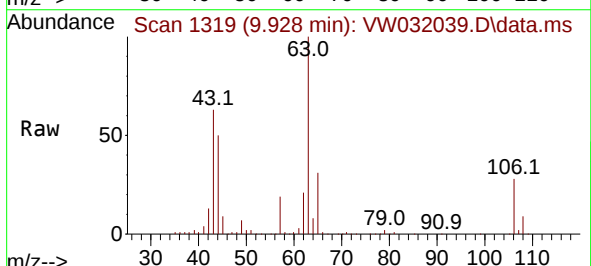
Acq: 07 Aug 2025 12:43

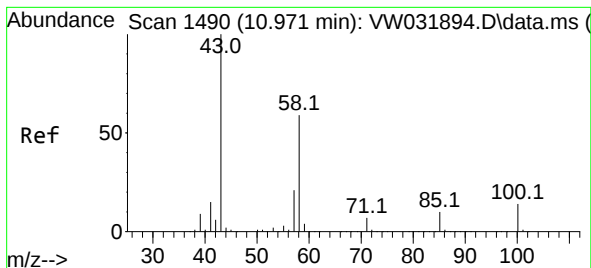
Tgt Ion: 63 Resp: 177808

Ion Ratio Lower Upper

63 100

106 28.3 22.7 34.1

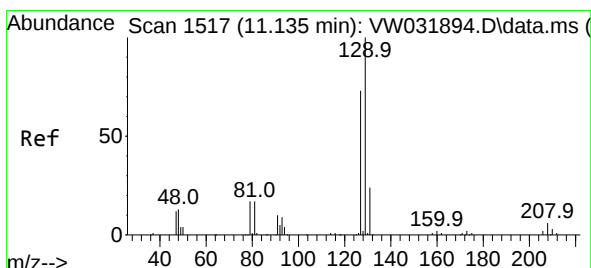
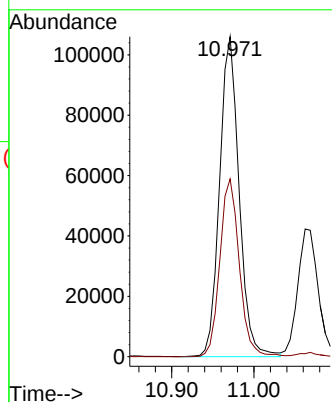
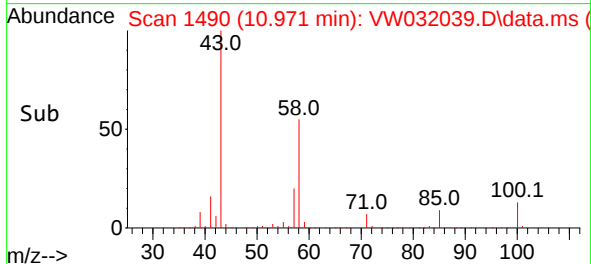
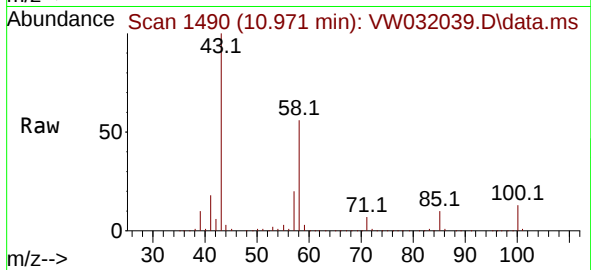




#59
2-Hexanone
Concen: 105.276 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

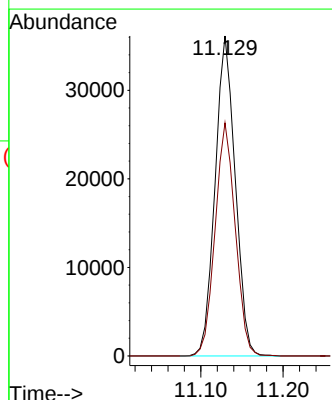
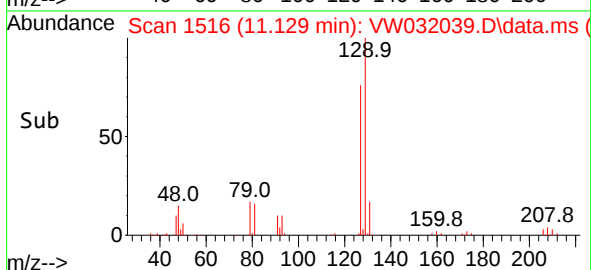
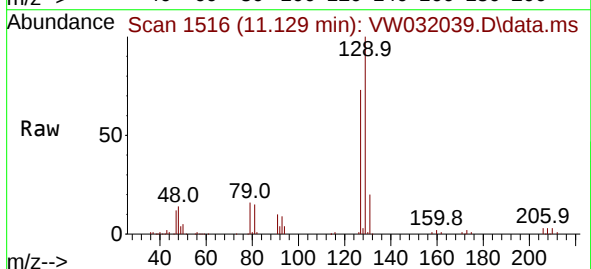
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

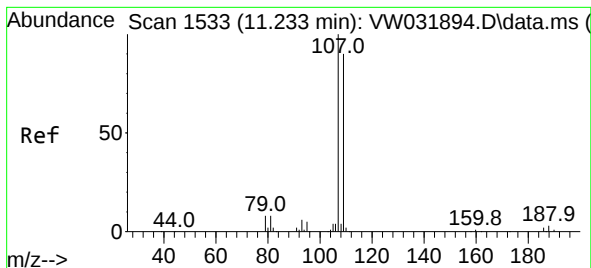
Tgt Ion: 43 Resp: 175155
Ion Ratio Lower Upper
43 100
58 55.4 28.5 85.6



#60
Dibromochloromethane
Concen: 21.215 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion:129 Resp: 61494
Ion Ratio Lower Upper
129 100
127 72.9 39.6 118.8

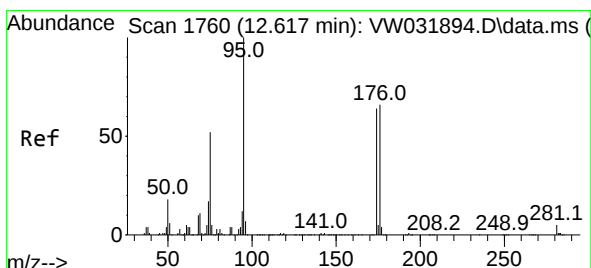
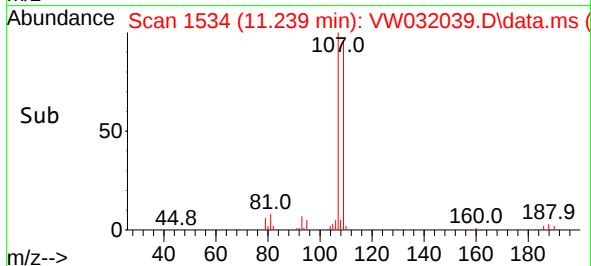
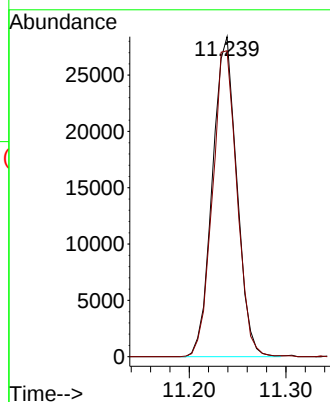
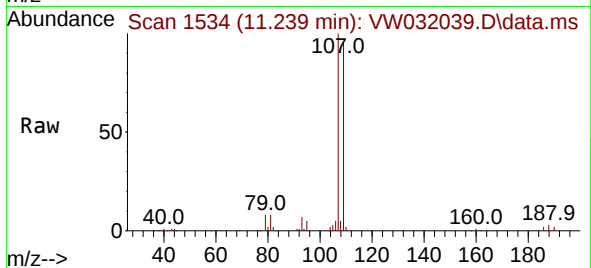




#61
1,2-Dibromoethane
Concen: 20.232 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

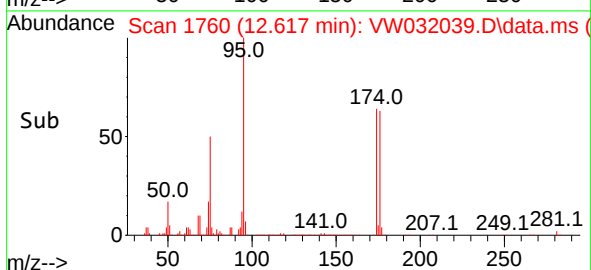
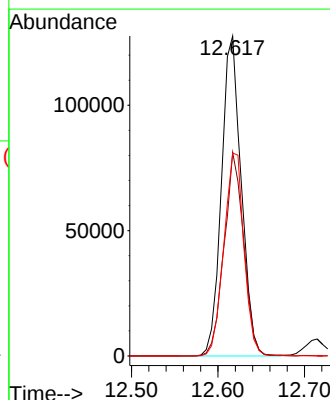
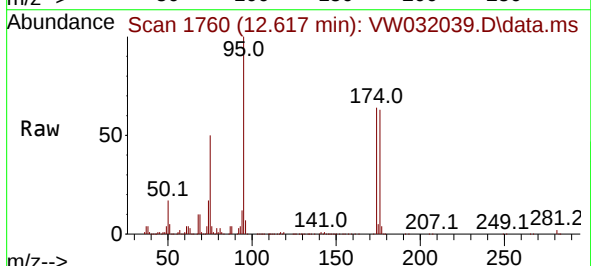
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

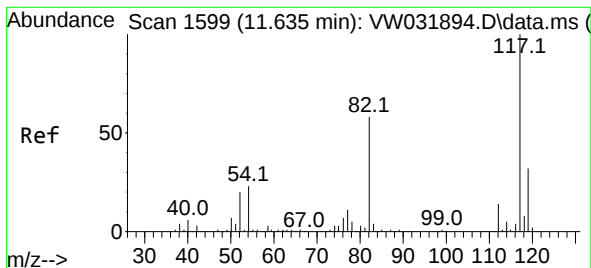
Tgt Ion:107 Resp: 49702
Ion Ratio Lower Upper
107 100
109 96.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 50.513 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 95 Resp: 202439
Ion Ratio Lower Upper
95 100
174 63.3 0.0 129.8
176 64.6 0.0 130.4

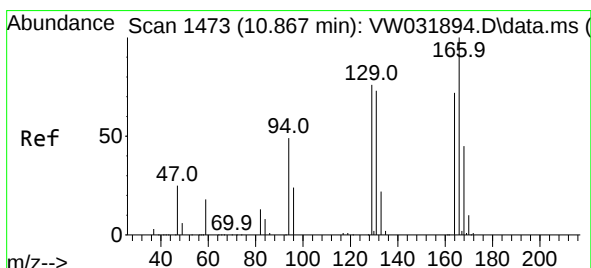
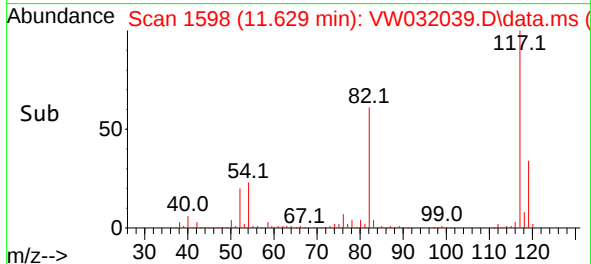
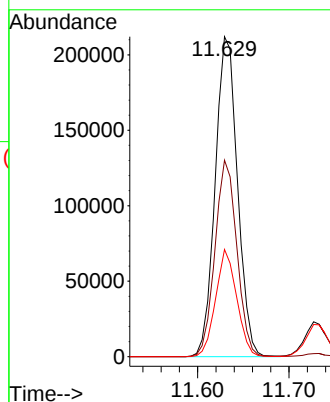
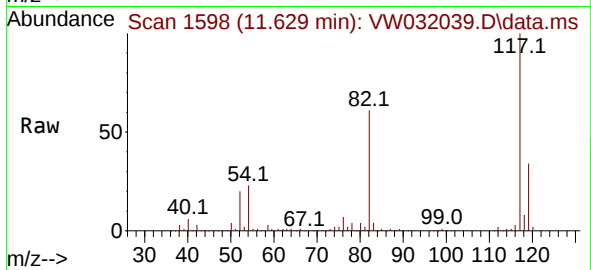




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

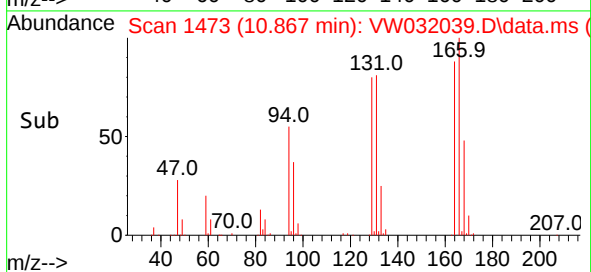
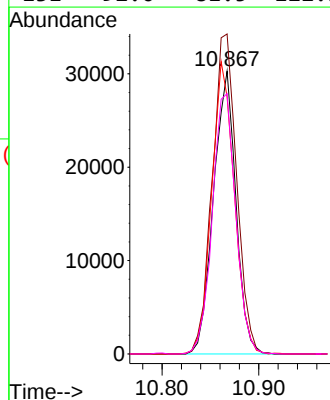
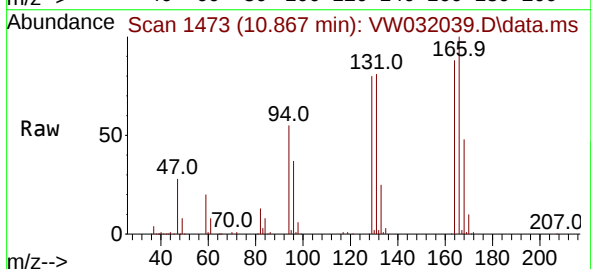
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

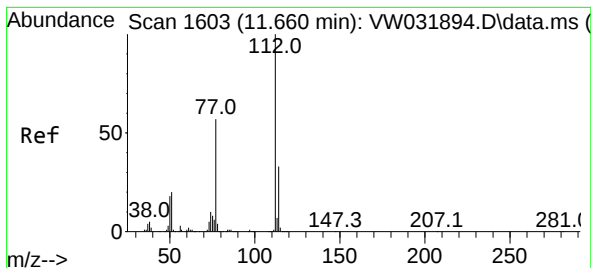
Tgt Ion:117 Resp: 359768
Ion Ratio Lower Upper
117 100
82 61.4 46.5 69.7
119 33.5 25.8 38.6



#64
Tetrachloroethene
Concen: 20.523 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion:164 Resp: 48680
Ion Ratio Lower Upper
164 100
166 113.2 111.5 167.3
129 90.9 85.1 127.7
131 92.0 81.5 122.3





#65

Chlorobenzene

Concen: 20.816 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

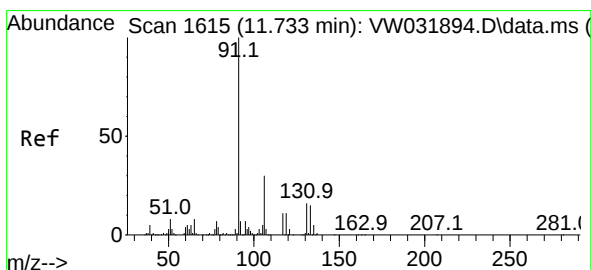
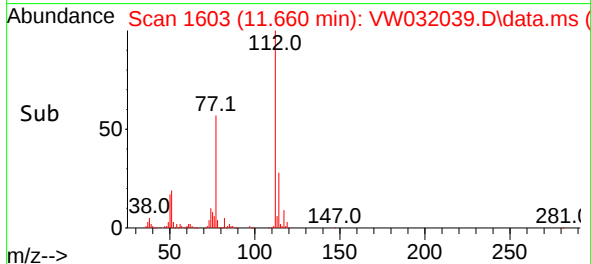
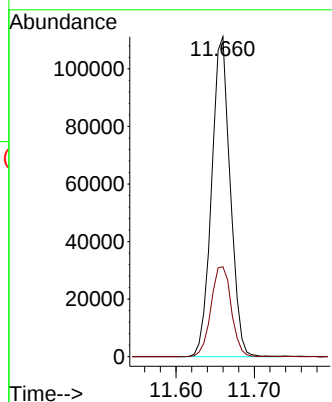
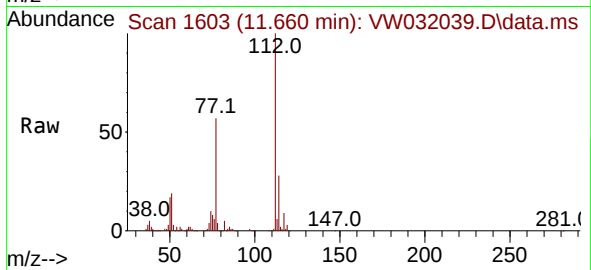
VW0807SBSD01

Tgt Ion:112 Resp: 183286

Ion Ratio Lower Upper

112 100

114 28.1 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 20.564 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

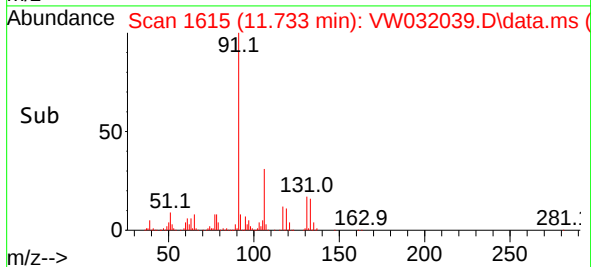
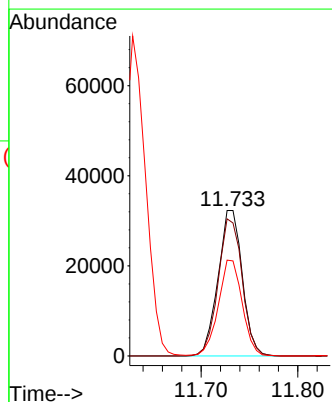
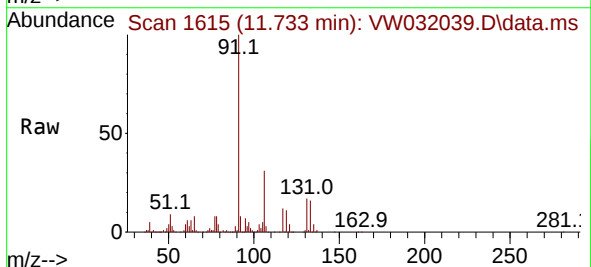
Tgt Ion:131 Resp: 56132

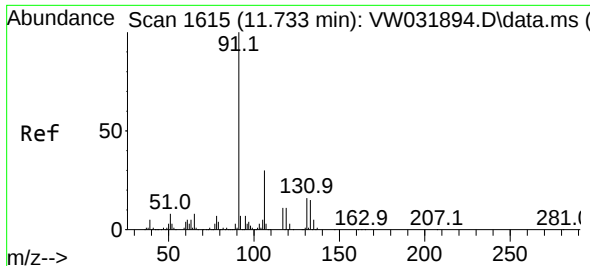
Ion Ratio Lower Upper

131 100

133 93.8 48.1 144.4

119 65.1 33.7 101.1





#67

Ethyl Benzene

Concen: 20.122 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

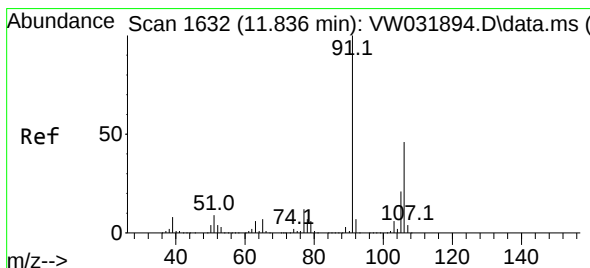
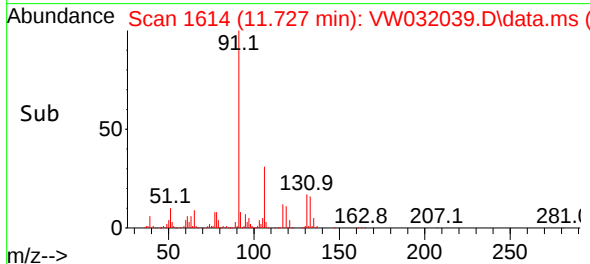
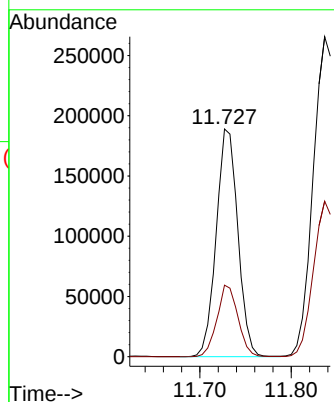
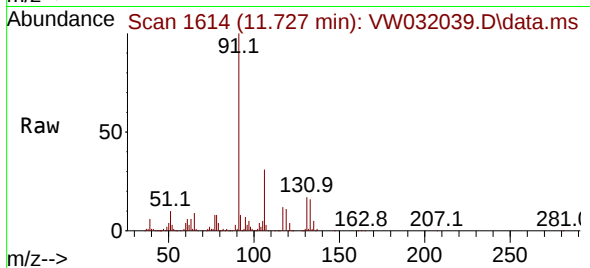
VW0807SBSD01

Tgt Ion: 91 Resp: 311293

Ion Ratio Lower Upper

91 100

106 31.4 23.8 35.6



#68

m/p-Xylenes

Concen: 41.501 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032039.D

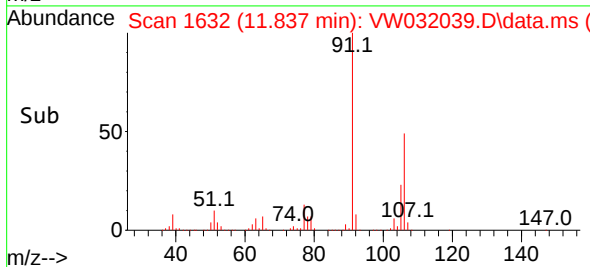
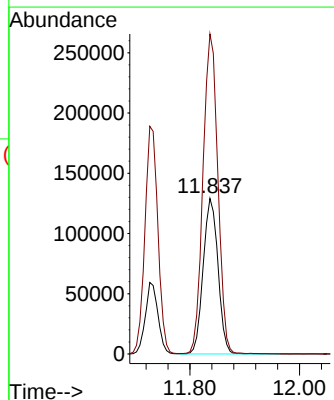
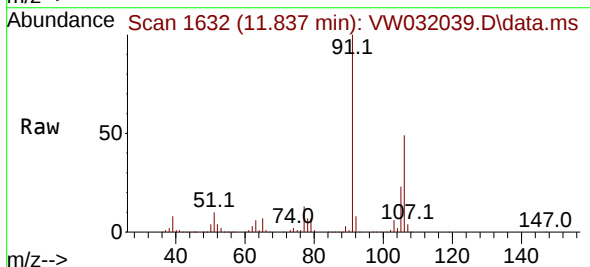
Acq: 07 Aug 2025 12:43

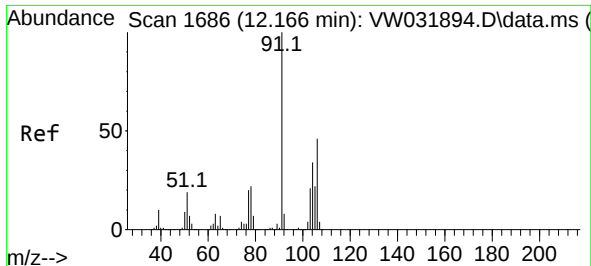
Tgt Ion:106 Resp: 241702

Ion Ratio Lower Upper

106 100

91 205.9 167.7 251.5

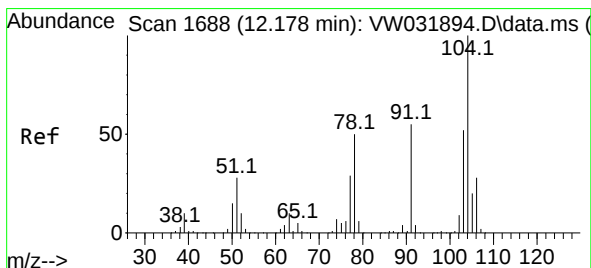
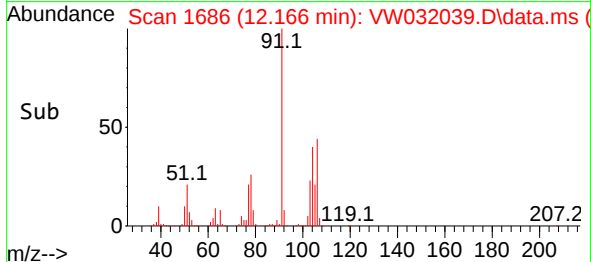
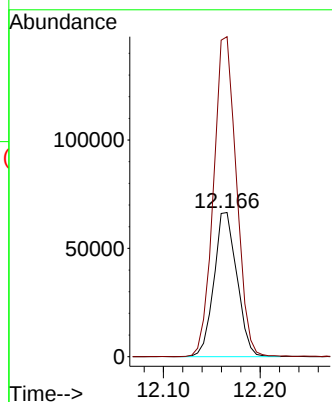
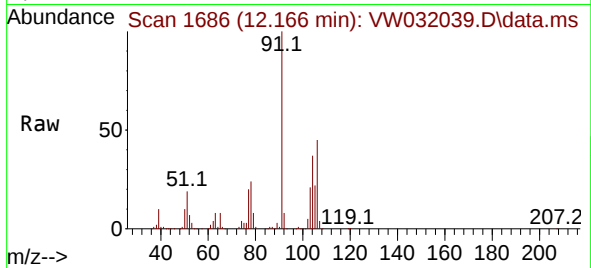




#69
o-Xylene
Concen: 19.930 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

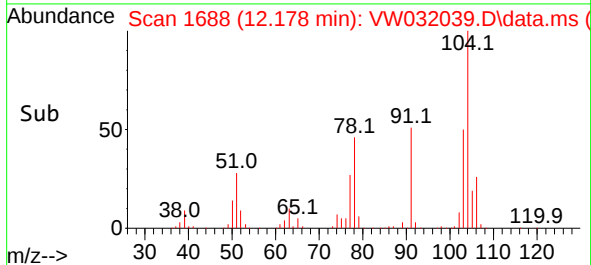
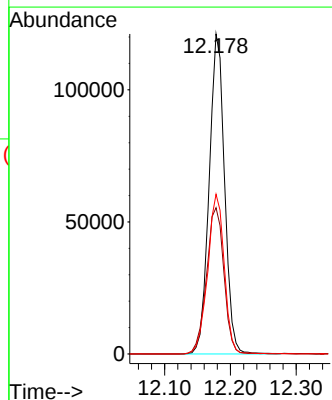
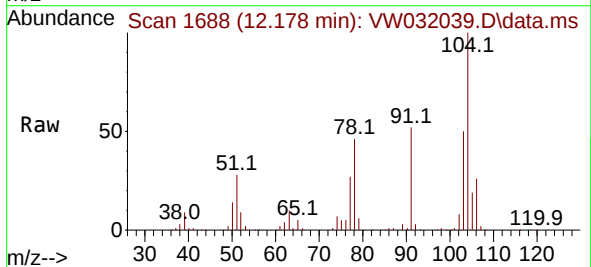
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

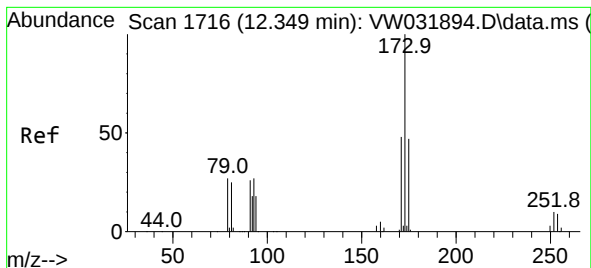
Tgt Ion:106 Resp: 109847
Ion Ratio Lower Upper
106 100
91 221.2 108.2 324.6



#70
Styrene
Concen: 21.101 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion:104 Resp: 198013
Ion Ratio Lower Upper
104 100
78 51.6 42.2 63.4
103 53.6 42.8 64.2





#71

Bromoform

Concen: 20.026 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBSD01

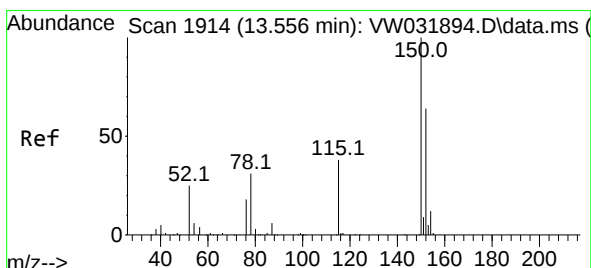
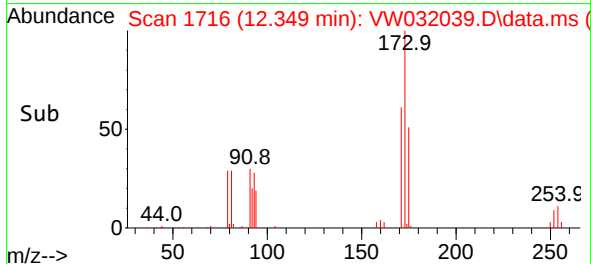
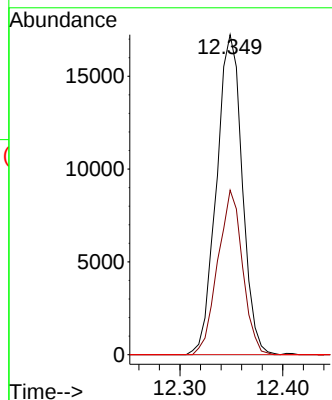
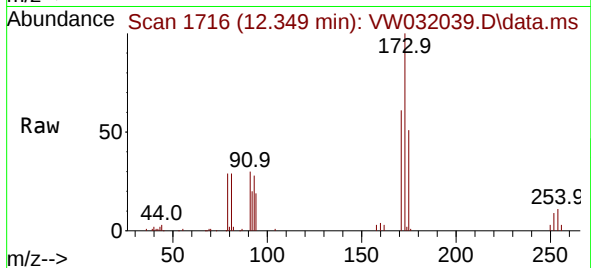
Tgt Ion:173 Resp: 29897

Ion Ratio Lower Upper

173 100

175 49.7 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: VW032039.D

Acq: 07 Aug 2025 12:43

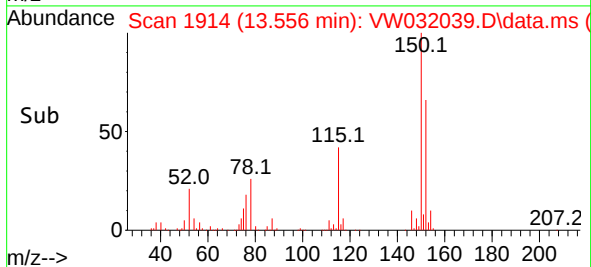
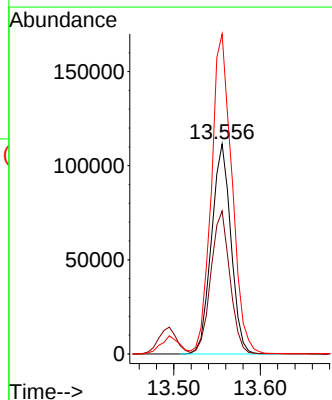
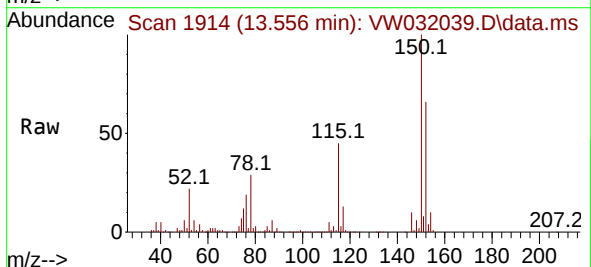
Tgt Ion:152 Resp: 173676

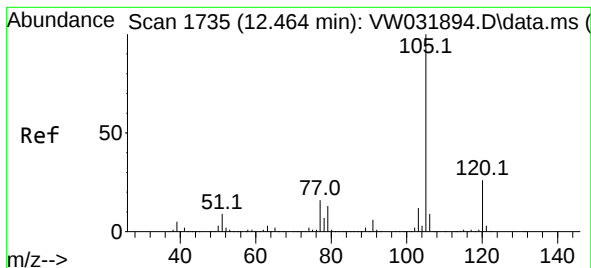
Ion Ratio Lower Upper

152 100

115 67.0 33.4 100.1

150 161.5 0.0 352.2





#73

Isopropylbenzene

Concen: 19.274 ug/l

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

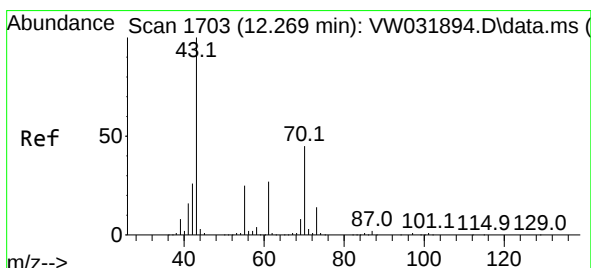
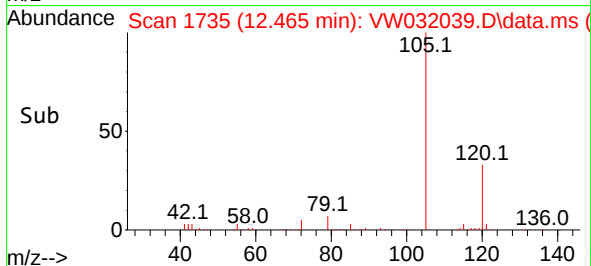
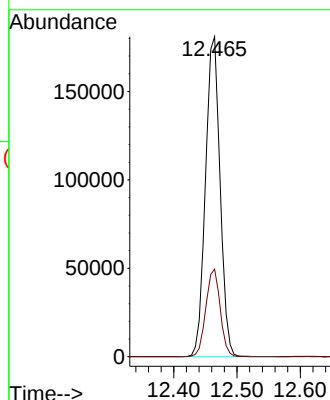
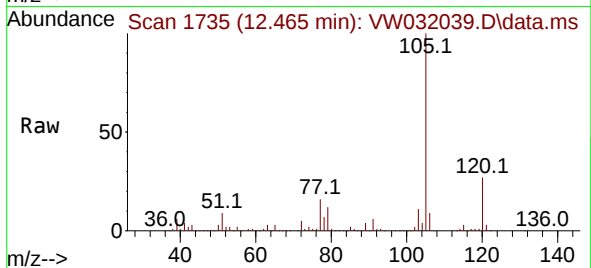
VW0807SBSD01

Tgt Ion:105 Resp: 290445

Ion Ratio Lower Upper

105 100

120 26.9 12.6 37.8



#74

N-ethyl acetate

Concen: 19.704 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Tgt Ion: 43 Resp: 80274

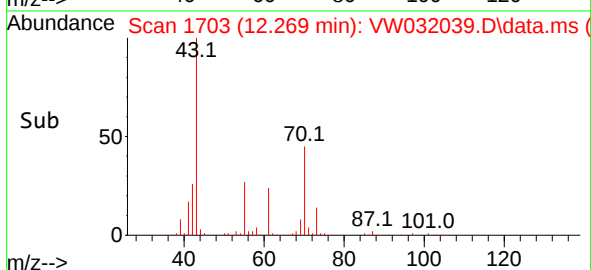
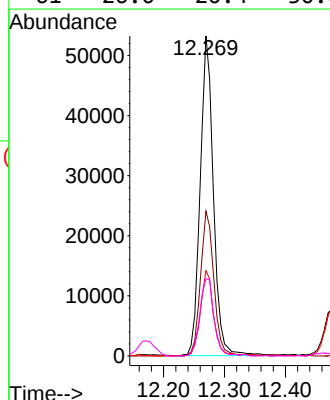
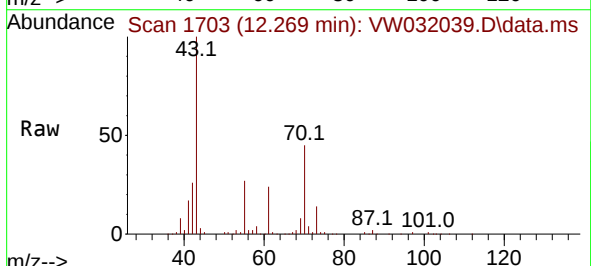
Ion Ratio Lower Upper

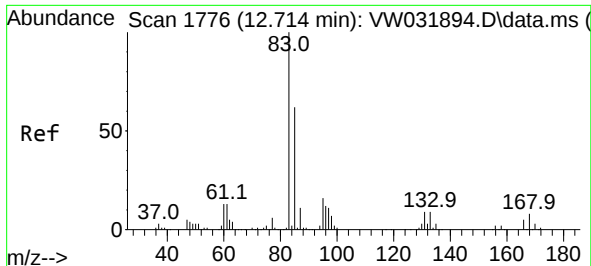
43 100

70 46.2 36.6 55.0

55 26.3 20.7 31.1

61 26.0 20.4 30.6

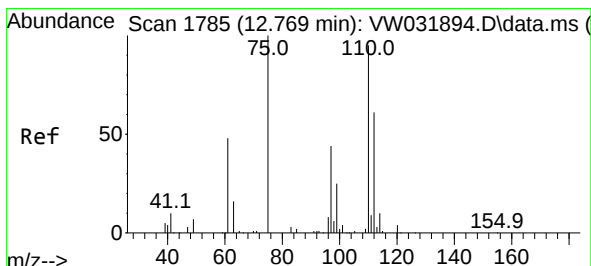
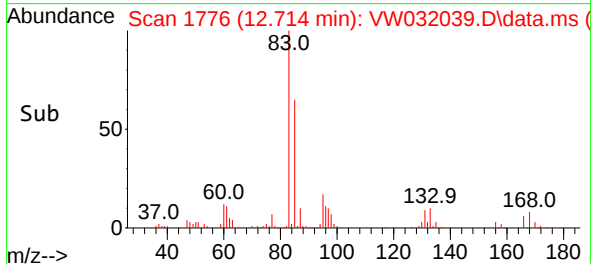
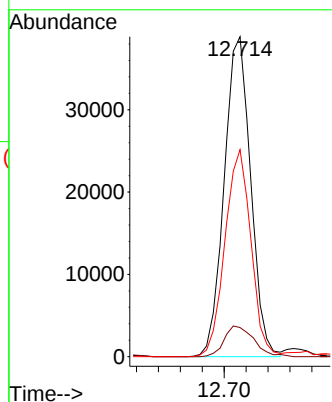
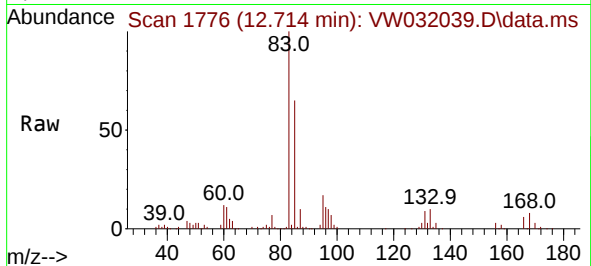




#75
1,1,2,2-Tetrachloroethane
Concen: 20.382 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

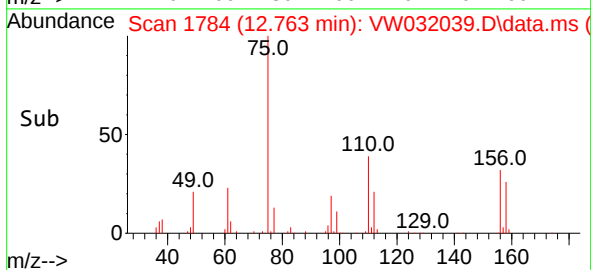
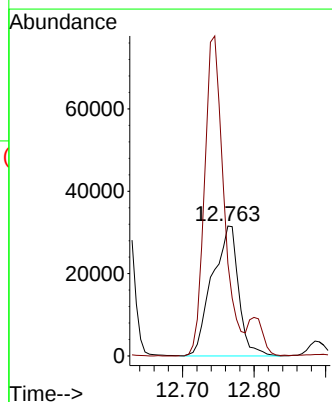
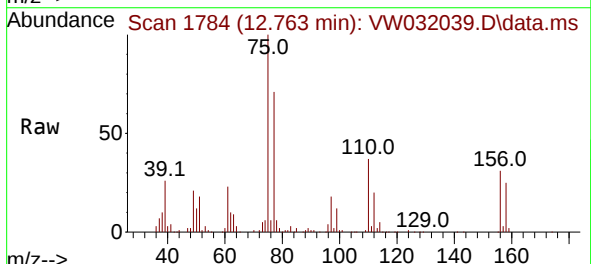
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

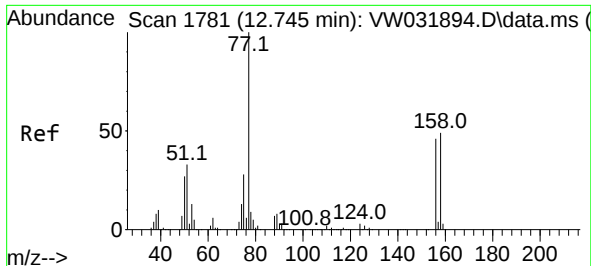
Tgt Ion: 83 Resp: 65194
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 63.5 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 33.811 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 75 Resp: 81073
Ion Ratio Lower Upper
75 100
77 181.5 0.0 0.0#

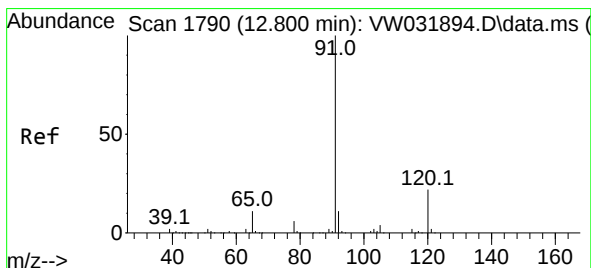
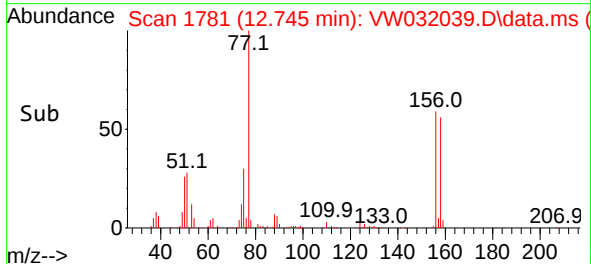
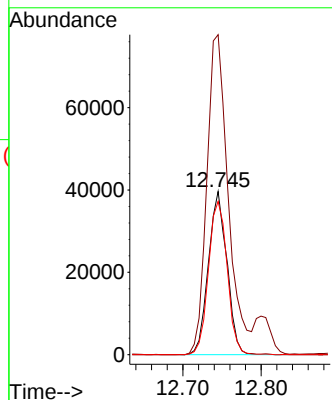
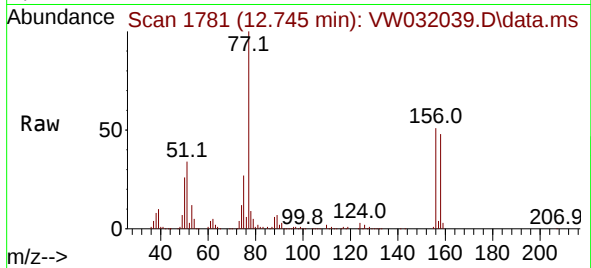




#77
Bromobenzene
Concen: 19.965 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

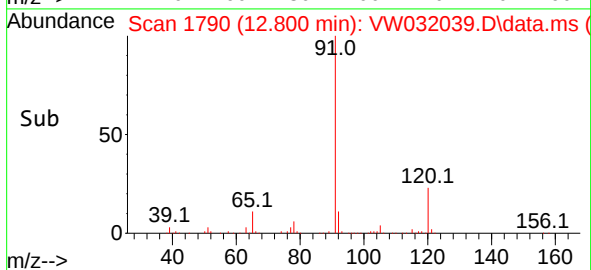
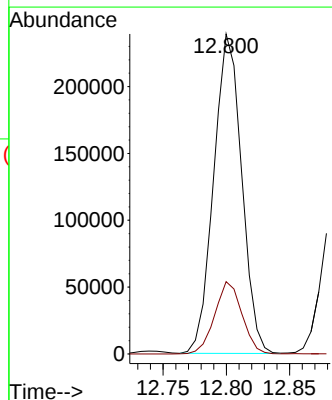
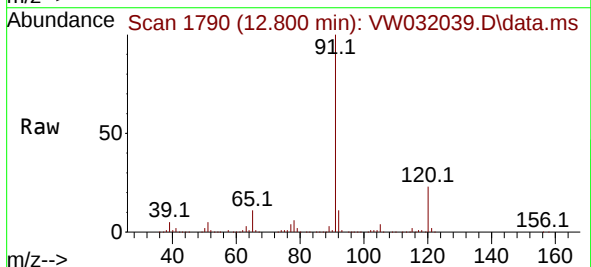
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

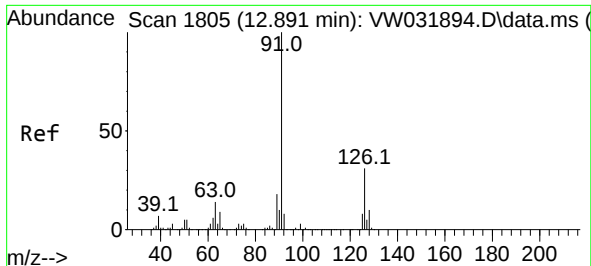
Tgt Ion:156 Resp: 65096
Ion Ratio Lower Upper
156 100
77 226.1 115.3 345.8
158 95.0 50.1 150.3



#78
n-propylbenzene
Concen: 19.840 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 91 Resp: 367190
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.6





#79

2-Chlorotoluene

Concen: 20.237 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

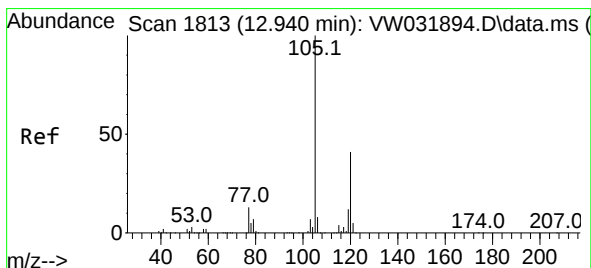
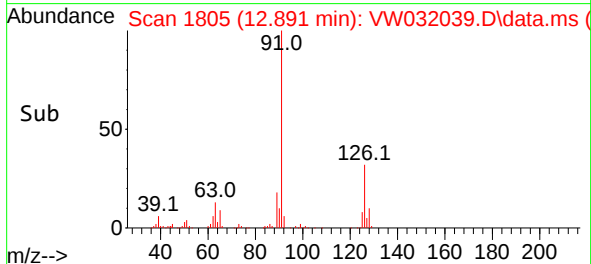
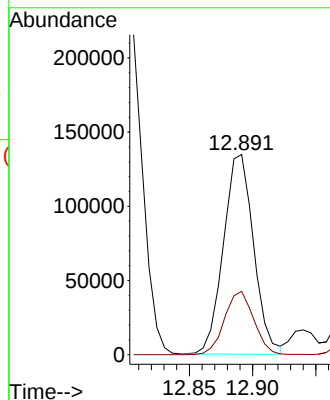
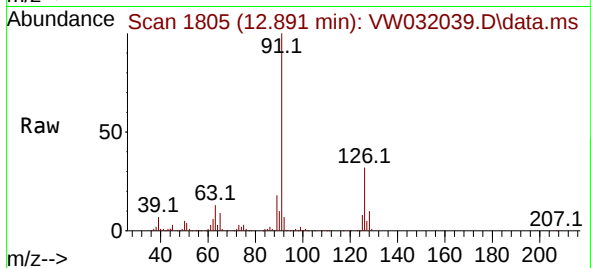
VW0807SBSD01

Tgt Ion: 91 Resp: 223628

Ion Ratio Lower Upper

91 100

126 30.8 15.6 46.8



#80

1,3,5-Trimethylbenzene

Concen: 19.513 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032039.D

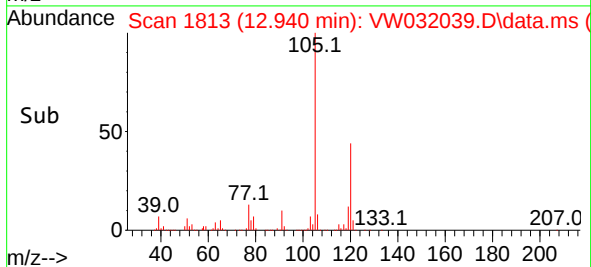
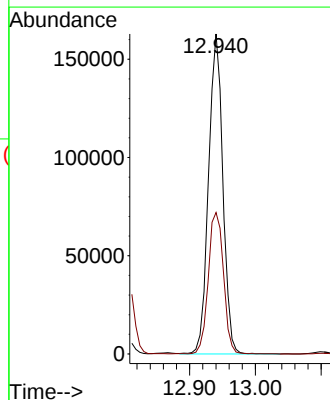
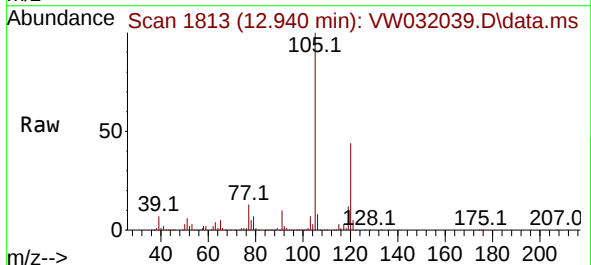
Acq: 07 Aug 2025 12:43

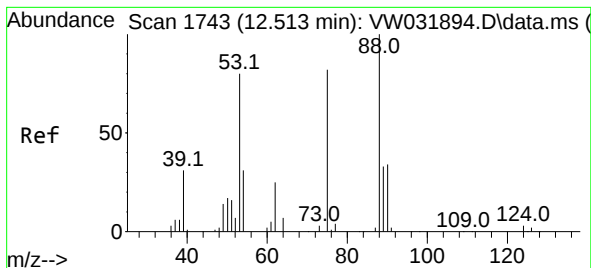
Tgt Ion: 105 Resp: 246619

Ion Ratio Lower Upper

105 100

120 46.8 23.5 70.5

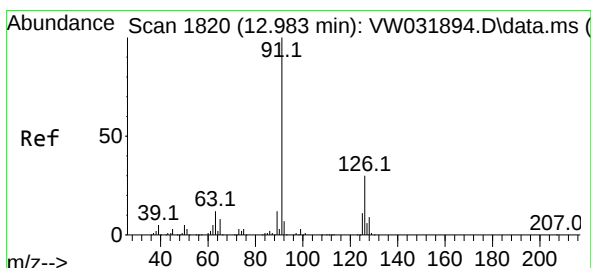
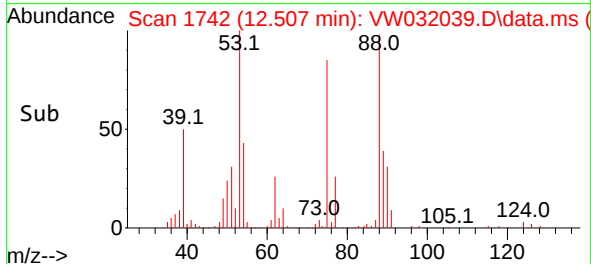
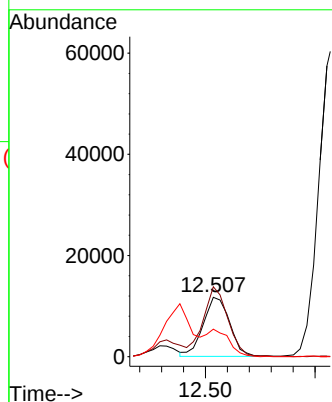
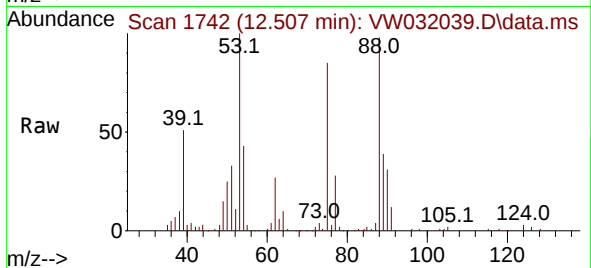




#81
trans-1,4-Dichloro-2-butene
Concen: 18.883 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

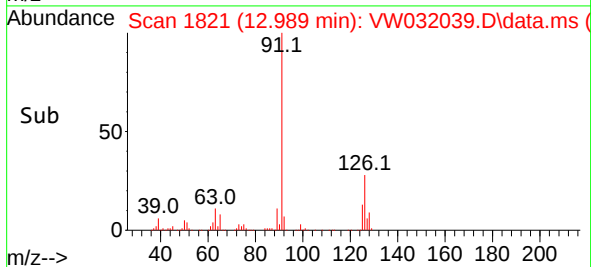
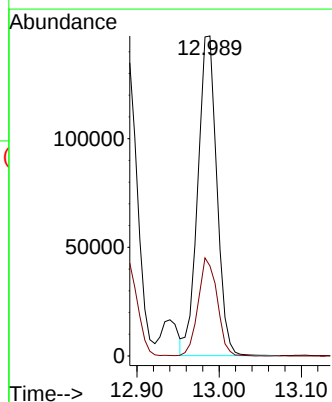
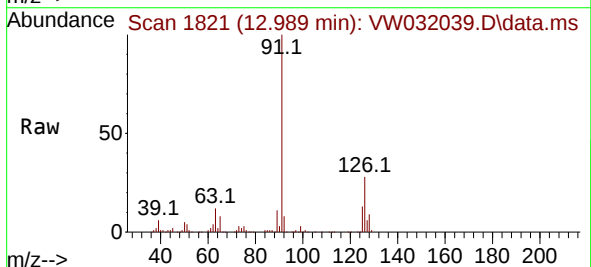
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

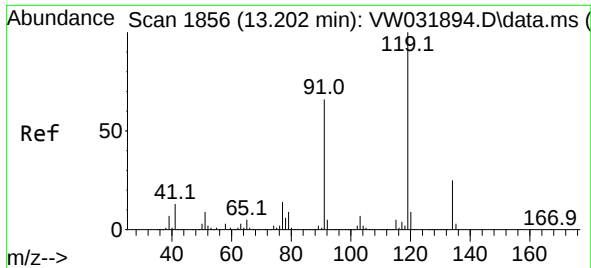
Tgt Ion: 75 Resp: 19612
Ion Ratio Lower Upper
75 100
53 110.9 83.7 125.5
89 40.6 39.0 58.6



#82
4-Chlorotoluene
Concen: 20.379 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 91 Resp: 236248
Ion Ratio Lower Upper
91 100
126 30.8 15.8 47.3

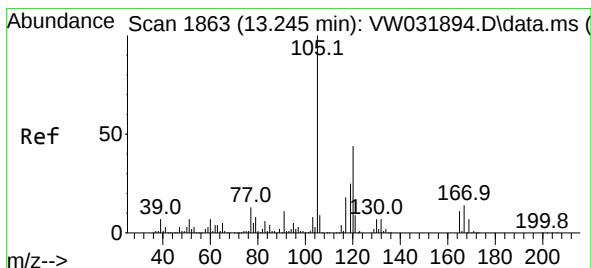
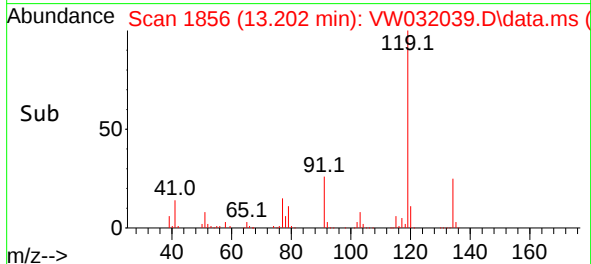
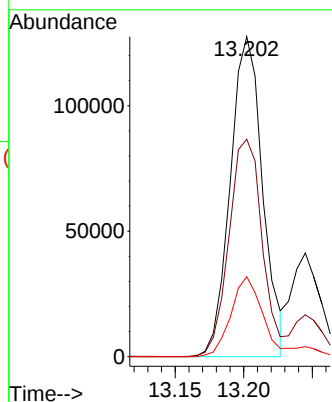
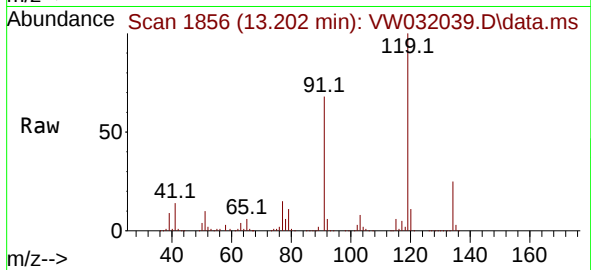




#83
tert-Butylbenzene
Concen: 19.510 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

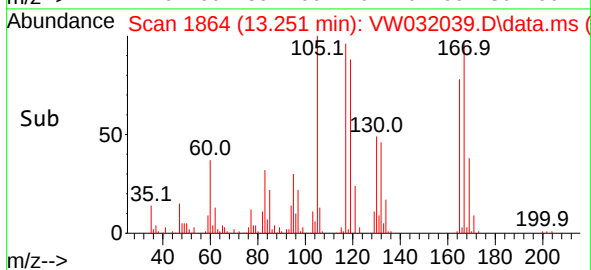
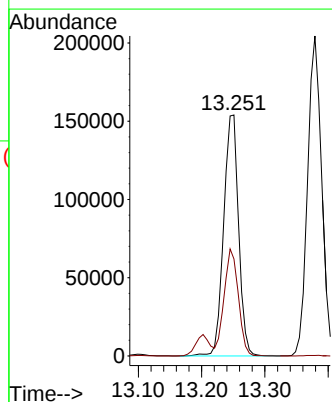
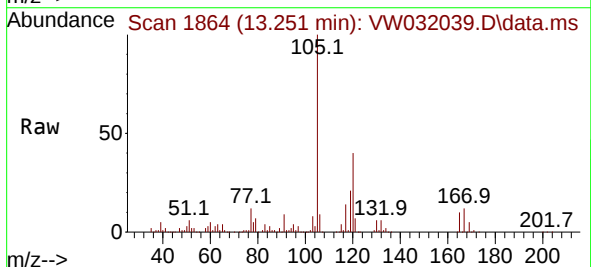
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

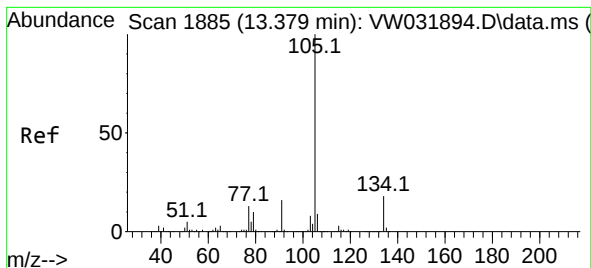
Tgt Ion:119 Resp: 210033
Ion Ratio Lower Upper
119 100
91 69.1 35.5 106.5
134 24.4 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 19.682 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion:105 Resp: 251775
Ion Ratio Lower Upper
105 100
120 42.2 21.3 63.9





#85

sec-Butylbenzene

Concen: 19.478 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

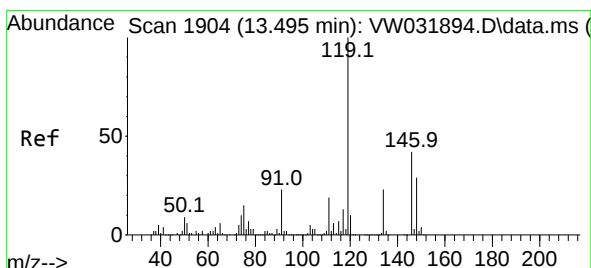
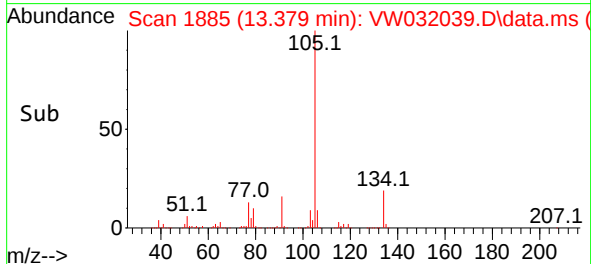
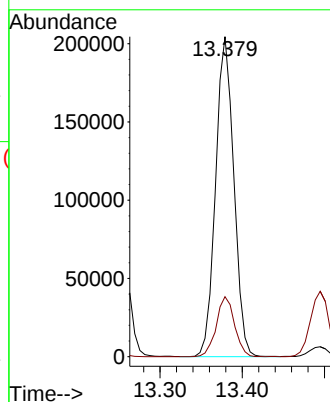
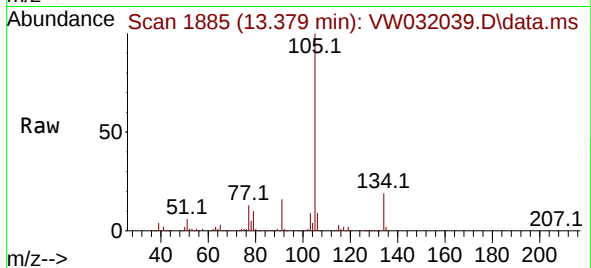
VW0807SBSD01

Tgt Ion:105 Resp: 314897

Ion Ratio Lower Upper

105 100

134 18.8 9.2 27.6



#86

p-Isopropyltoluene

Concen: 19.761 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

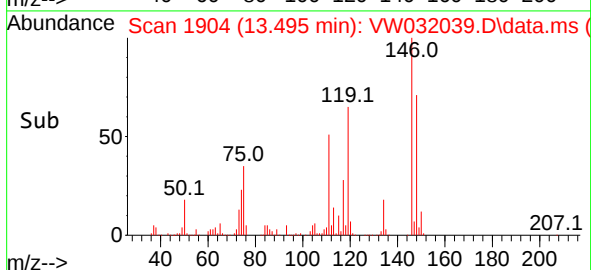
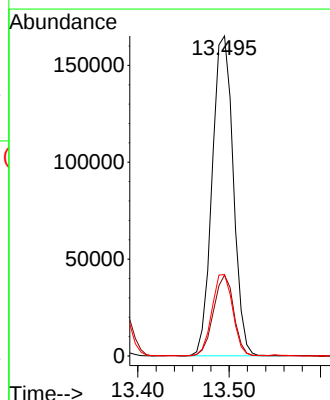
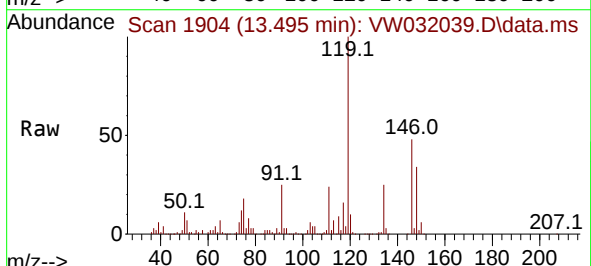
Tgt Ion:119 Resp: 264064

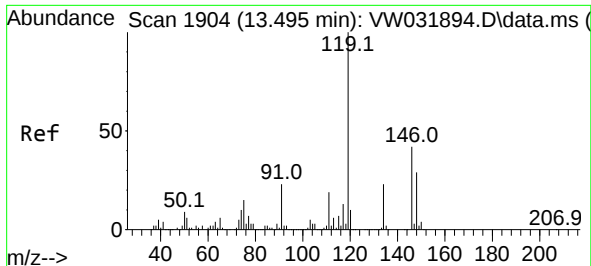
Ion Ratio Lower Upper

119 100

134 24.3 13.0 39.0

91 25.0 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 19.638 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBSD01

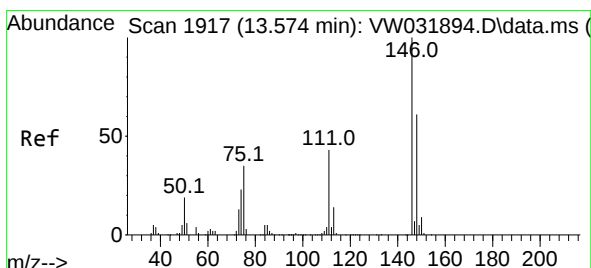
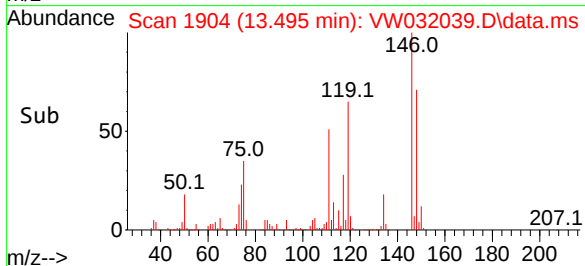
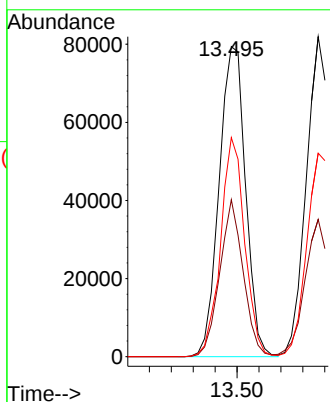
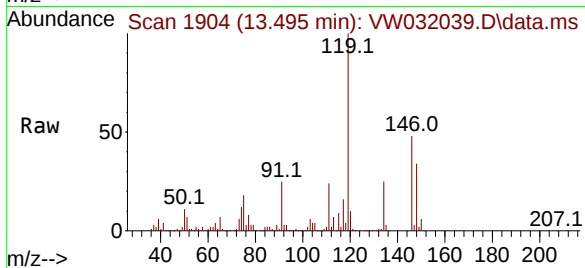
Tgt Ion:146 Resp: 133282

Ion Ratio Lower Upper

146 100

111 44.9 21.9 65.7

148 64.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.934 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

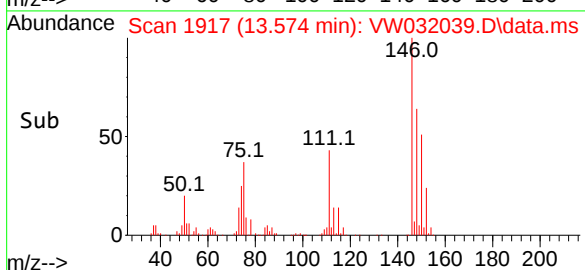
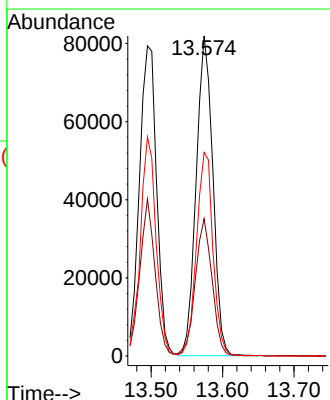
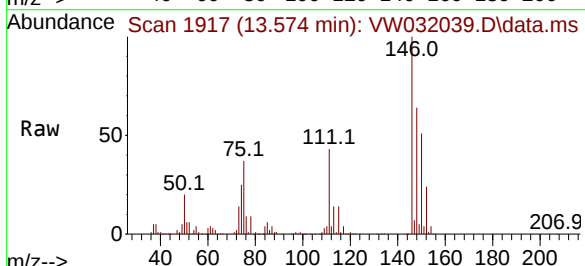
Tgt Ion:146 Resp: 132533

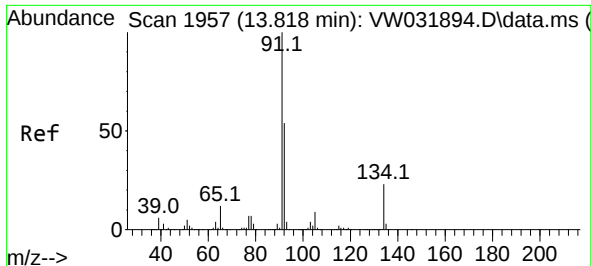
Ion Ratio Lower Upper

146 100

111 43.3 22.1 66.3

148 63.0 31.8 95.3

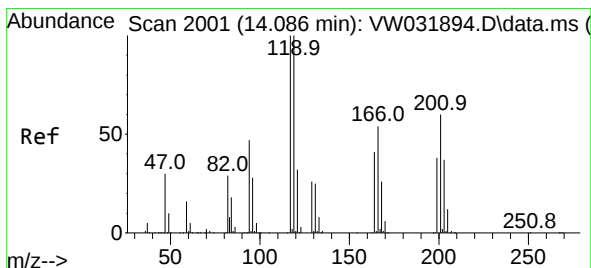
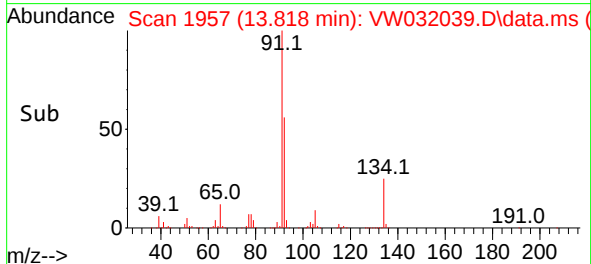
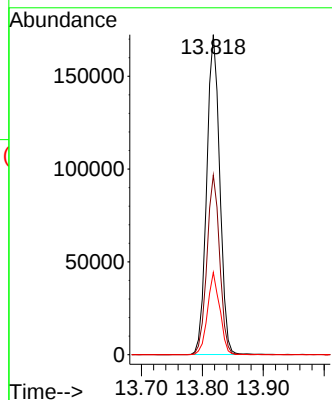
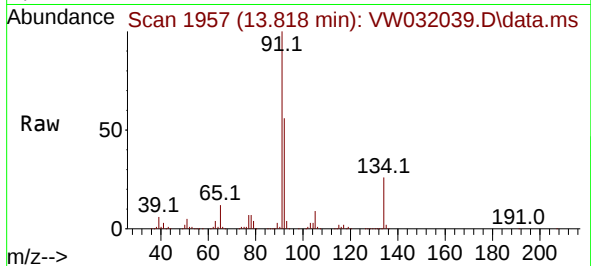




#89
n-Butylbenzene
Concen: 19.612 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

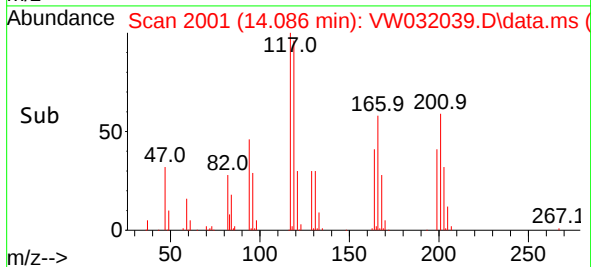
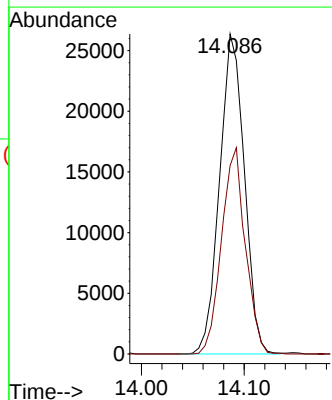
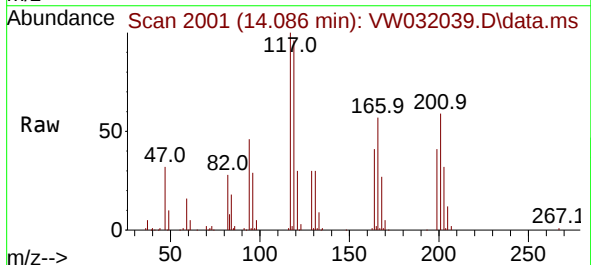
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

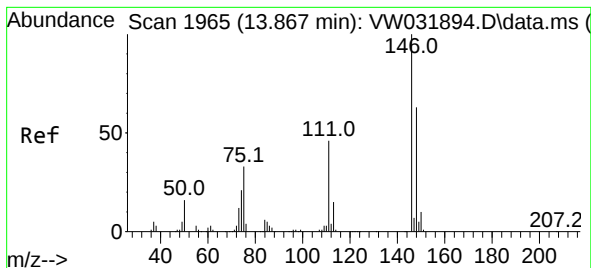
Tgt Ion: 91 Resp: 257087
Ion Ratio Lower Upper
91 100
92 54.9 27.2 81.5
134 24.2 11.6 34.7



#90
Hexachloroethane
Concen: 19.096 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 117 Resp: 44125
Ion Ratio Lower Upper
117 100
201 62.0 28.4 85.2

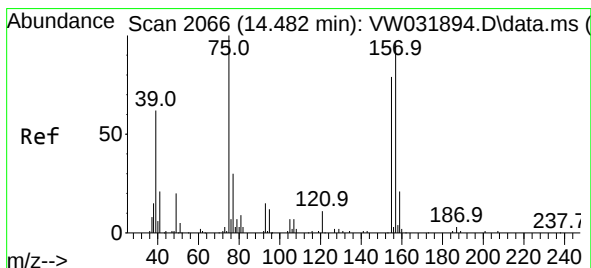
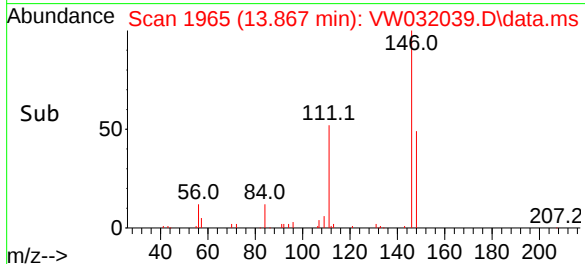
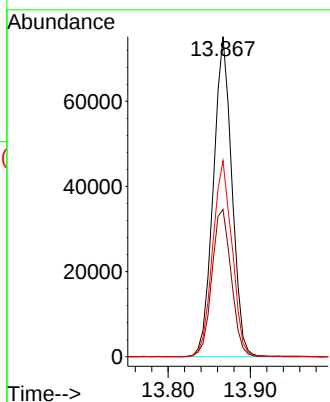
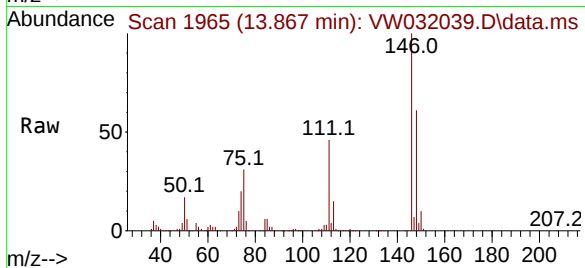




#91
1,2-Dichlorobenzene
Concen: 19.641 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

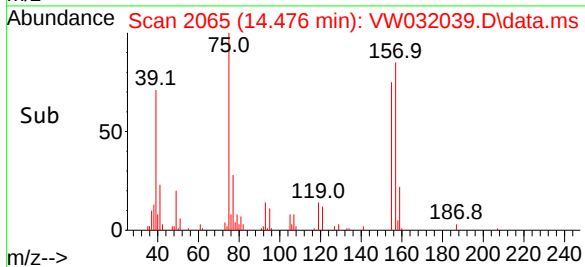
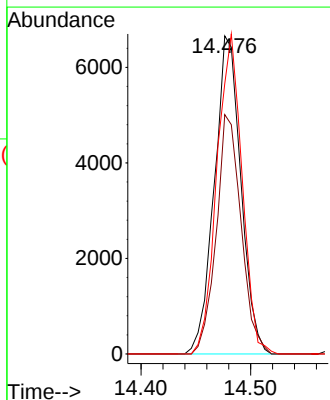
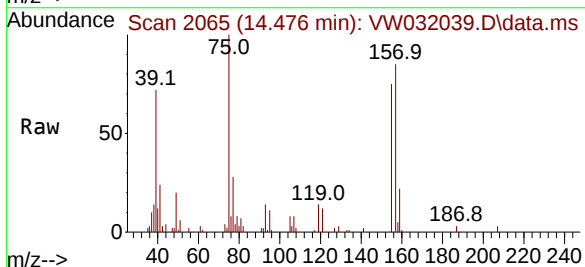
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBSD01

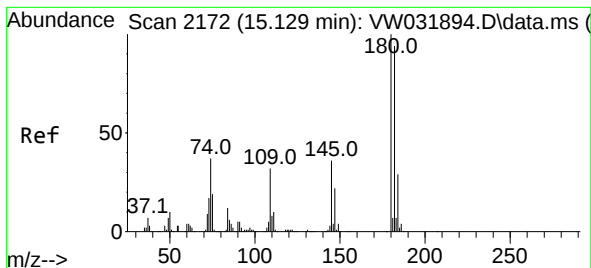
Tgt Ion:146 Resp: 118139
Ion Ratio Lower Upper
146 100
111 47.8 23.6 71.0
148 63.8 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.398 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032039.D
Acq: 07 Aug 2025 12:43

Tgt Ion: 75 Resp: 11210
Ion Ratio Lower Upper
75 100
155 70.5 35.9 107.7
157 95.2 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 19.619 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBSD01

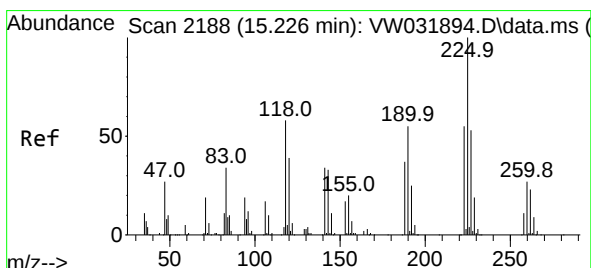
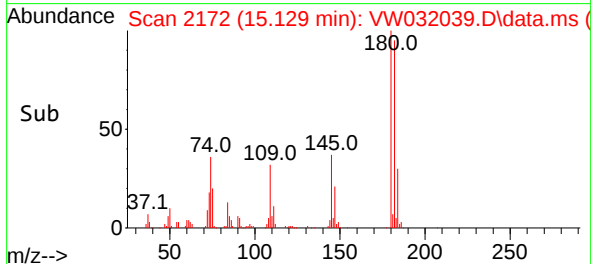
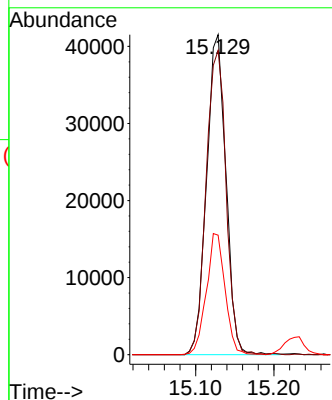
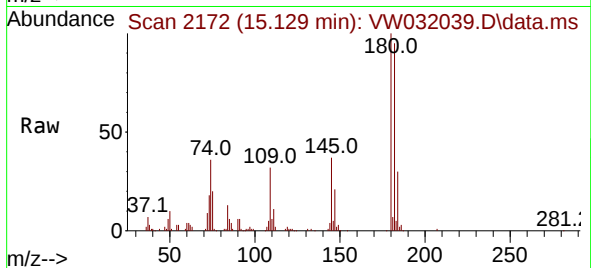
Tgt Ion:180 Resp: 71167

Ion Ratio Lower Upper

180 100

182 97.9 51.0 153.1

145 36.7 18.4 55.4



#94

Hexachlorobutadiene

Concen: 20.191 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

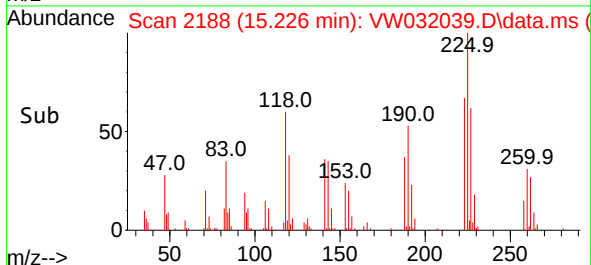
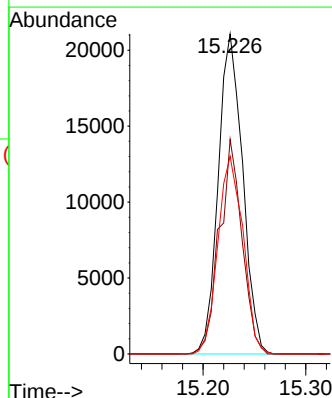
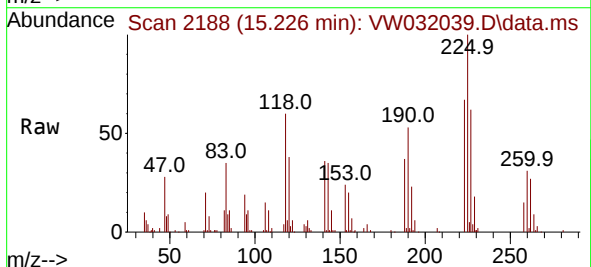
Tgt Ion:225 Resp: 34706

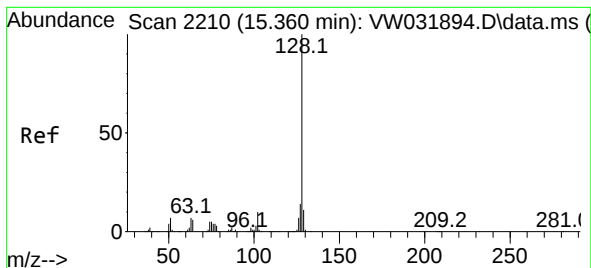
Ion Ratio Lower Upper

225 100

223 62.1 30.9 92.7

227 64.0 30.0 90.1





#95

Naphthalene

Concen: 20.187 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBSD01

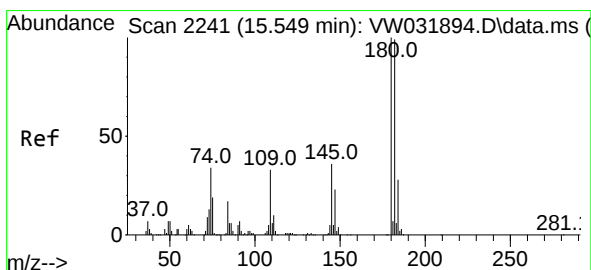
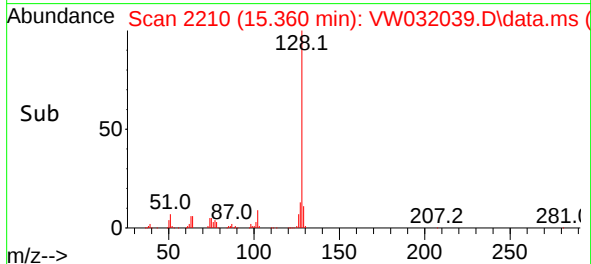
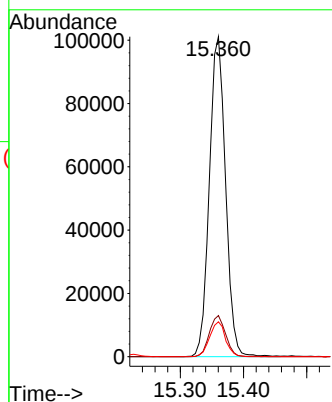
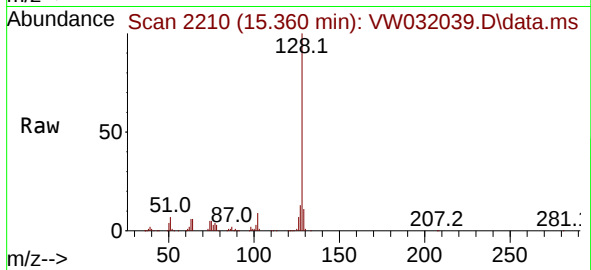
Tgt Ion:128 Resp: 180030

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 10.7 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 20.077 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW032039.D

Acq: 07 Aug 2025 12:43

Tgt Ion:180 Resp: 65985

Ion Ratio Lower Upper

180 100

182 94.0 50.4 151.2

145 36.4 18.6 55.8

