

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082825\
 Data File : VW032150.D
 Acq On : 28 Aug 2025 11:32
 Operator : SY/MD
 Sample : VW0828SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS01

Quant Time: Aug 29 01:16:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	225717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	376443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	344016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	168452	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	148074	45.871	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	91.740%
35) Dibromofluoromethane	7.898	113	125127	47.377	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.760%
50) Toluene-d8	10.325	98	435573	46.979	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.960%
62) 4-Bromofluorobenzene	12.617	95	165759	48.348	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.700%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	31319	21.016	ug/l	93
3) Chloromethane	2.253	50	30596	19.582	ug/l	99
4) Vinyl Chloride	2.399	62	44098	21.729	ug/l	100
5) Bromomethane	2.820	94	37965	20.949	ug/l	99
6) Chloroethane	2.972	64	29505	20.644	ug/l	96
7) Trichlorofluoromethane	3.307	101	40540	20.161	ug/l	90
8) Diethyl Ether	3.722	74	30830	20.545	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.100	101	48595	21.453	ug/l	94
10) Methyl Iodide	4.307	142	72485	21.015	ug/l	98
11) Tert butyl alcohol	5.210	59	20955	106.127	ug/l	98
12) 1,1-Dichloroethene	4.082	96	48697	20.413	ug/l	98
13) Acrolein	3.929	56	31671	104.347	ug/l	99
14) Allyl chloride	4.704	41	70862	20.912	ug/l	98
15) Acrylonitrile	5.399	53	75074	102.903	ug/l	98
16) Acetone	4.161	43	92502	132.315	ug/l	100
17) Carbon Disulfide	4.417	76	124220	20.819	ug/l	100
18) Methyl Acetate	4.710	43	42720	19.179	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	93709	20.802	ug/l	99
20) Methylene Chloride	4.954	84	63942	19.659	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	54144	20.317	ug/l	92
22) Diisopropyl ether	6.344	45	155016	21.019	ug/l	95
23) Vinyl Acetate	6.283	43	524033	104.510	ug/l	97
24) 1,1-Dichloroethane	6.246	63	97693	20.234	ug/l	99
25) 2-Butanone	7.191	43	115474	116.564	ug/l	99
26) 2,2-Dichloropropane	7.185	77	56243	21.997	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	62473	19.265	ug/l	94
28) Bromochloromethane	7.532	49	42919	19.419	ug/l	100
29) Tetrahydrofuran	7.557	42	64561	102.556	ug/l	99
30) Chloroform	7.697	83	111788	20.279	ug/l	99
31) Cyclohexane	7.971	56	81446	20.552	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	85756	21.311	ug/l	98
36) 1,1-Dichloropropene	8.093	75	73209	21.379	ug/l	98
37) Ethyl Acetate	7.276	43	42997	20.931	ug/l	100
38) Carbon Tetrachloride	8.081	117	78923	21.499	ug/l	98
39) Methylcyclohexane	9.343	83	87256	21.513	ug/l	95
40) Benzene	8.331	78	222595	21.029	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	23257	20.377	ug/l	97
42) 1,2-Dichloroethane	8.410	62	76925	20.963	ug/l	99
43) Isopropyl Acetate	8.435	43	79047	20.511	ug/l	99
44) Trichloroethene	9.099	130	58035	21.802	ug/l	93
45) 1,2-Dichloropropane	9.373	63	53645	21.023	ug/l	98
46) Dibromomethane	9.465	93	37337	20.862	ug/l	98
47) Bromodichloromethane	9.654	83	83875	20.622	ug/l	97
48) Methyl methacrylate	9.441	41	37530	21.132	ug/l	97
49) 1,4-Dioxane	9.465	88	9311	430.581	ug/l #	82
51) 4-Methyl-2-Pentanone	10.215	43	233708	107.399	ug/l	98
52) Toluene	10.392	92	142373	20.583	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	73072	20.366	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	86043	21.017	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	48120	20.676	ug/l	97
56) Ethyl methacrylate	10.648	69	61449	20.652	ug/l	99
57) 1,3-Dichloropropane	10.934	76	79548	20.413	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	161464	101.669	ug/l	99
59) 2-Hexanone	10.971	43	167911	110.950	ug/l	98
60) Dibromochloromethane	11.135	129	57103	20.277	ug/l	97
61) 1,2-Dibromoethane	11.239	107	47527	20.766	ug/l	98
64) Tetrachloroethene	10.867	164	48903	21.598	ug/l	95
65) Chlorobenzene	11.660	112	158232	20.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	53826	20.879	ug/l	99
67) Ethyl Benzene	11.733	91	276497	21.552	ug/l	96
68) m/p-Xylenes	11.836	106	213211	43.181	ug/l	97
69) o-Xylene	12.166	106	100574	21.534	ug/l	96
70) Styrene	12.178	104	174804	21.232	ug/l	99
71) Bromoform	12.349	173	32351	21.129	ug/l #	96
73) Isopropylbenzene	12.464	105	256051	22.374	ug/l	99
74) N-amyl acetate	12.269	43	70617	21.254	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	59747	21.968	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	73797	34.969	ug/l	41
77) Bromobenzene	12.745	156	63605	21.795	ug/l	99
78) n-propylbenzene	12.800	91	322200	23.190	ug/l	97
79) 2-Chlorotoluene	12.891	91	193123	22.731	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	221201	22.830	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	16782	21.411	ug/l	95
82) 4-Chlorotoluene	12.989	91	202480	22.264	ug/l	96
83) tert-Butylbenzene	13.202	119	188675	22.966	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	227082	22.653	ug/l	100
85) sec-Butylbenzene	13.379	105	280705	22.885	ug/l	99
86) p-Isopropyltoluene	13.495	119	238295	22.845	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	129065	21.965	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	123868	21.031	ug/l	98
89) n-Butylbenzene	13.818	91	225088	22.633	ug/l	98
90) Hexachloroethane	14.086	117	41189	21.588	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	121420	23.339	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.482	75	10597	22.056	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	72282	21.746	ug/l	94
94) Hexachlorobutadiene	15.226	225	36329	22.038	ug/l	96
95) Naphthalene	15.360	128	165712	22.029	ug/l	99
96) 1,2,3-Trichlorobenzene	15.555	180	68491	22.157	ug/l	99

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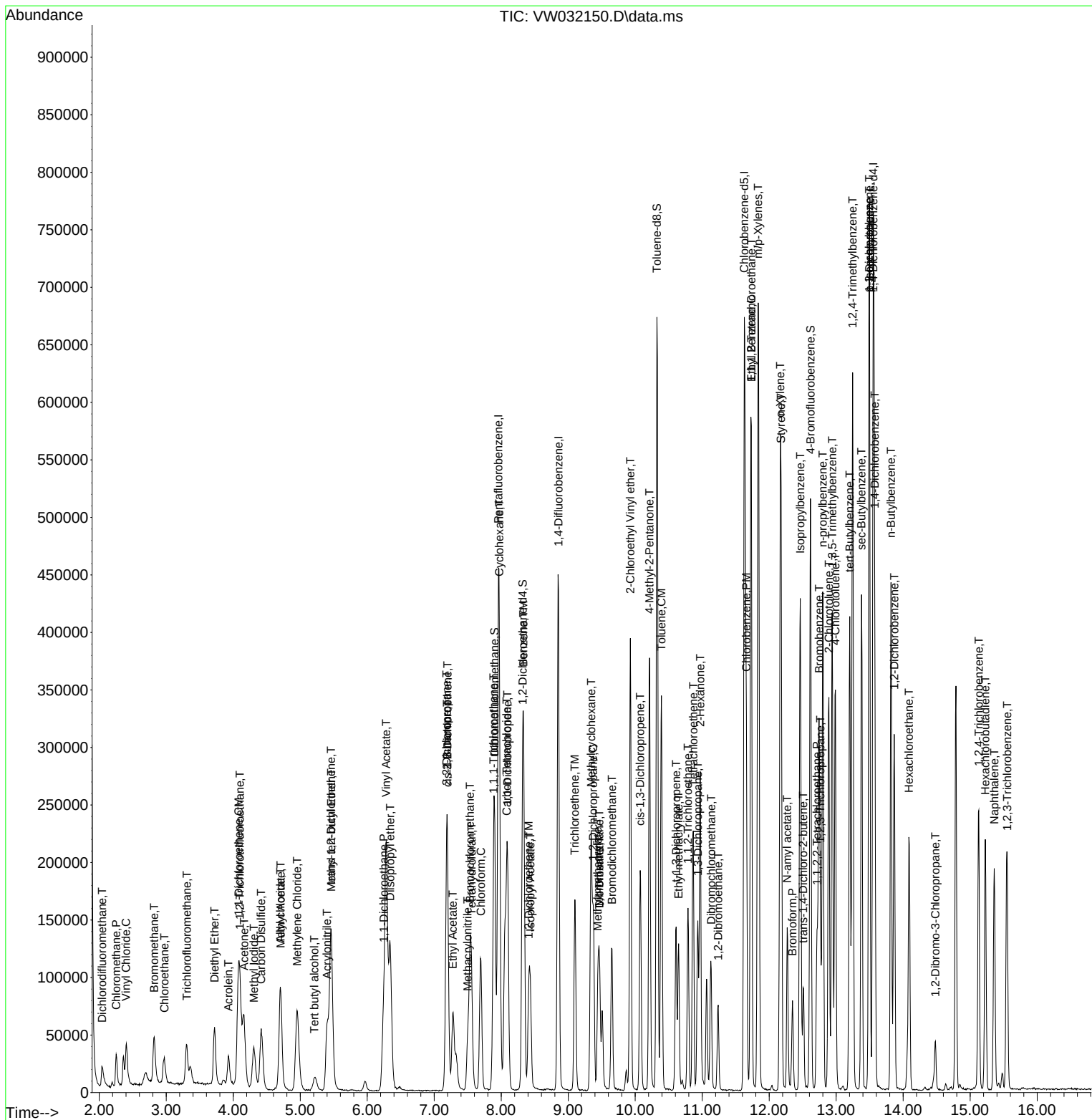
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

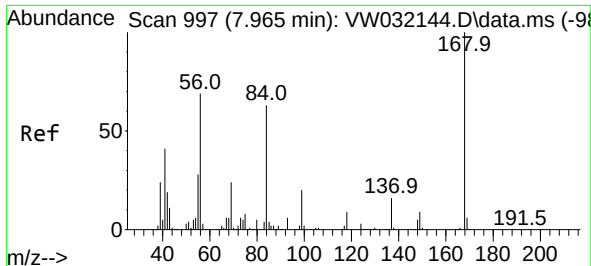
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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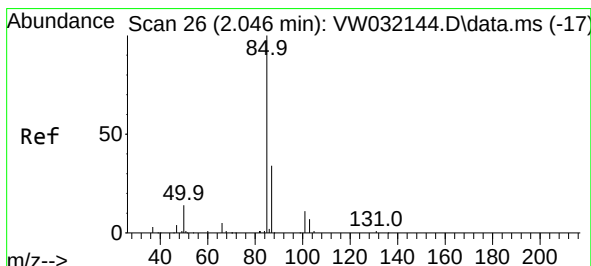
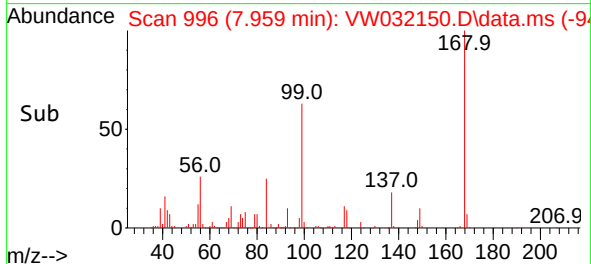
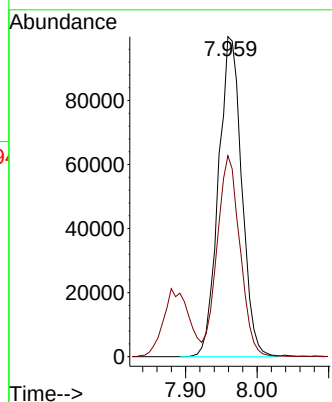
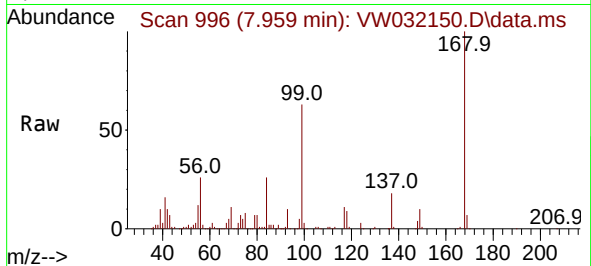




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032150.D
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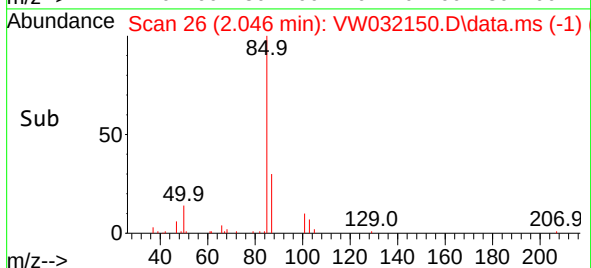
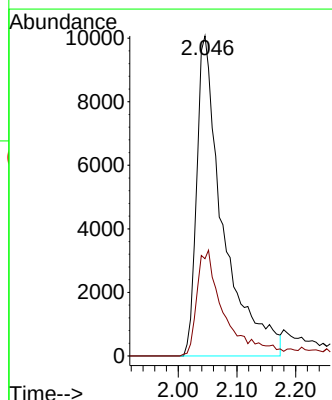
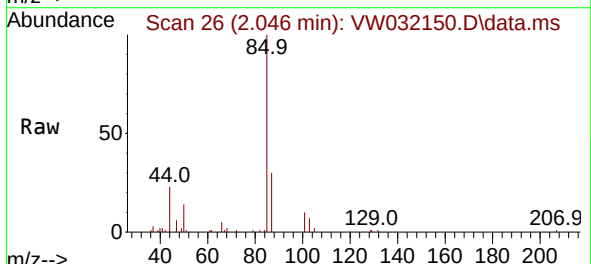
Instrument :
MSVOA_W
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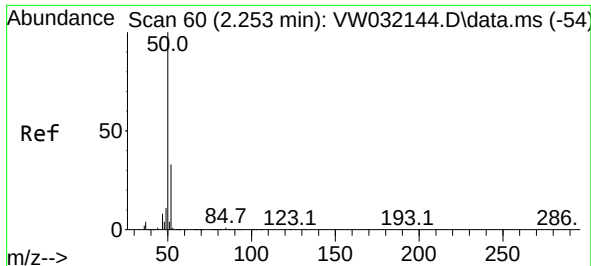
Tgt Ion:168 Resp: 225717
Ion Ratio Lower Upper
168 100
99 62.6 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 21.016 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 85 Resp: 31319
Ion Ratio Lower Upper
85 100
87 30.4 17.2 51.6

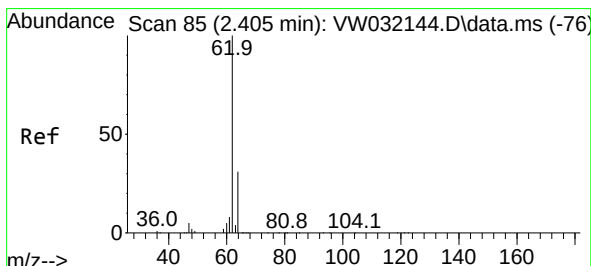
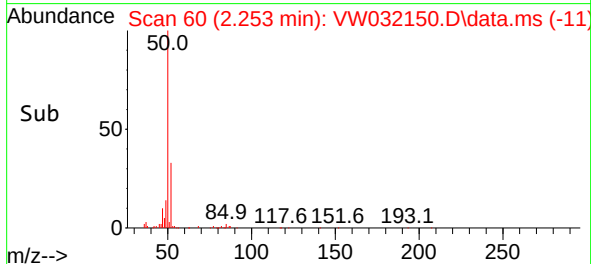
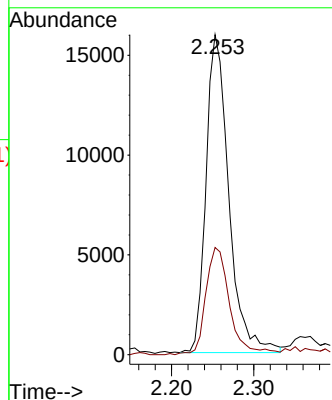
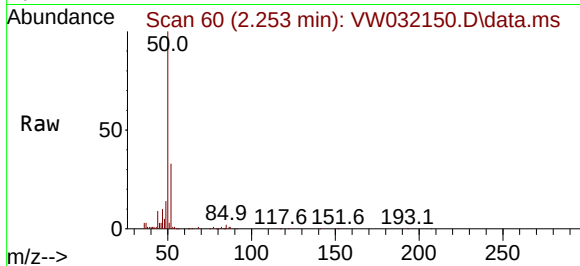




#3
Chloromethane
Concen: 19.582 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

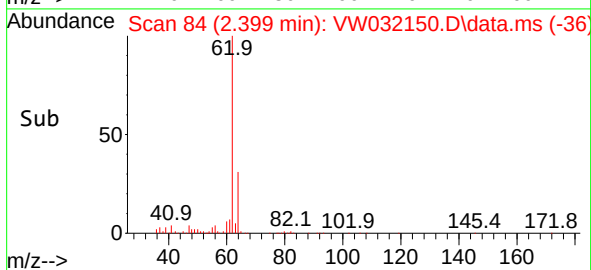
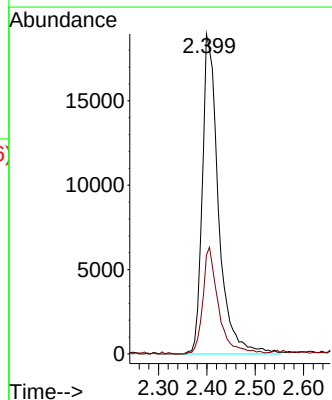
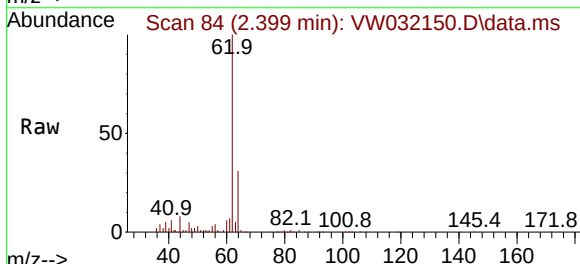
Instrument :
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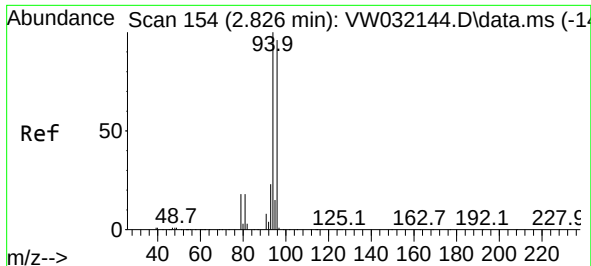
Tgt Ion: 50 Resp: 30596
Ion Ratio Lower Upper
50 100
52 33.2 26.1 39.1



#4
Vinyl Chloride
Concen: 21.729 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 62 Resp: 44098
Ion Ratio Lower Upper
62 100
64 30.9 24.8 37.2

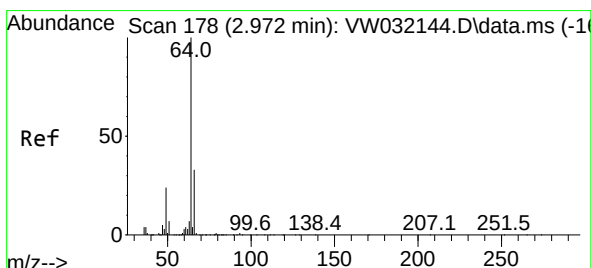
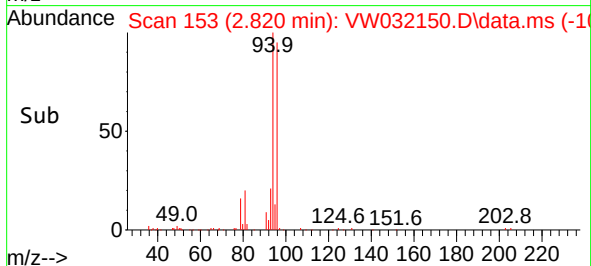
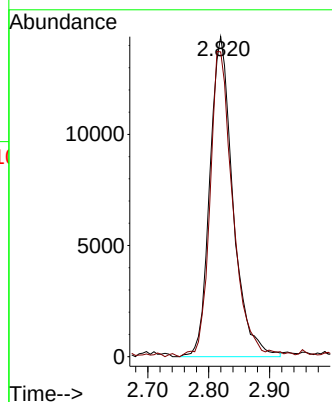
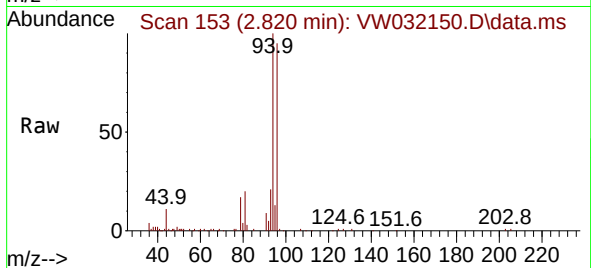




#5
Bromomethane
Concen: 20.949 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

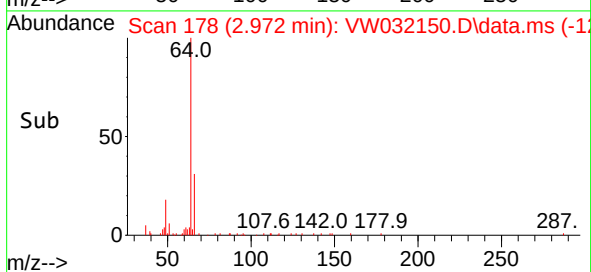
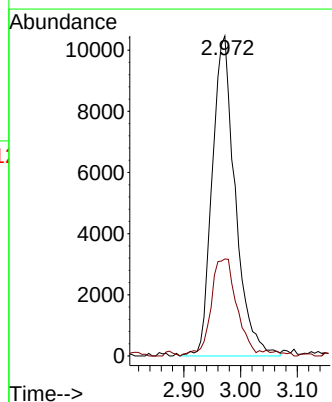
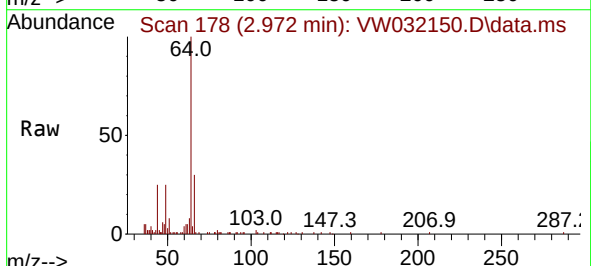
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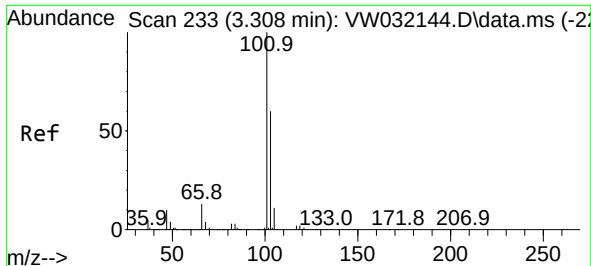
Tgt Ion: 94 Resp: 37965
Ion Ratio Lower Upper
94 100
96 95.2 76.6 115.0



#6
Chloroethane
Concen: 20.644 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 64 Resp: 29505
Ion Ratio Lower Upper
64 100
66 30.3 26.2 39.4

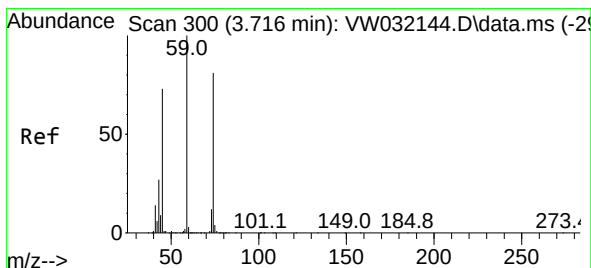
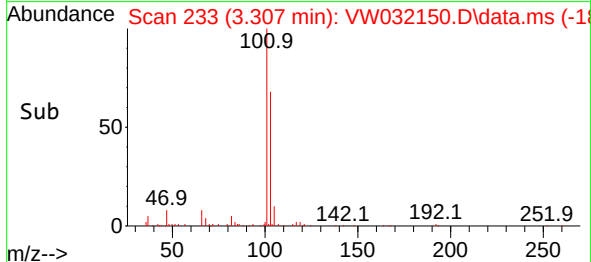
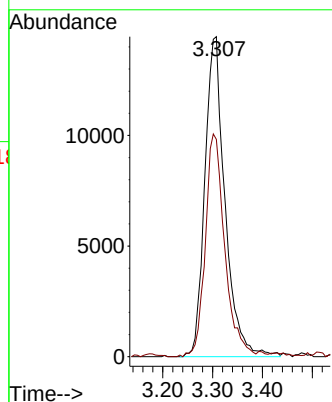
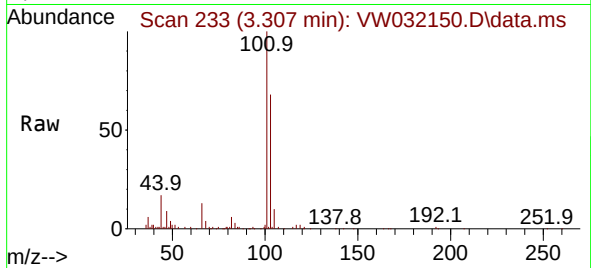




#7
 Trichlorofluoromethane
 Concen: 20.161 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032150.D
 Acq: 28 Aug 2025 11:32

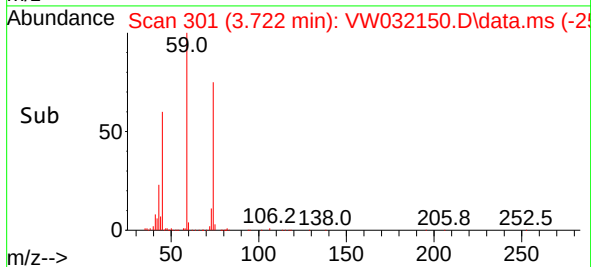
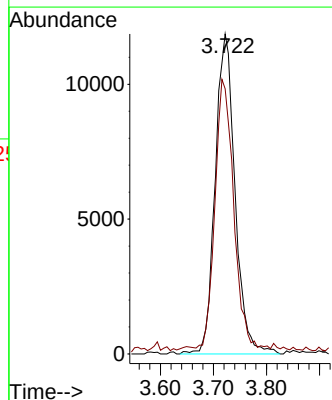
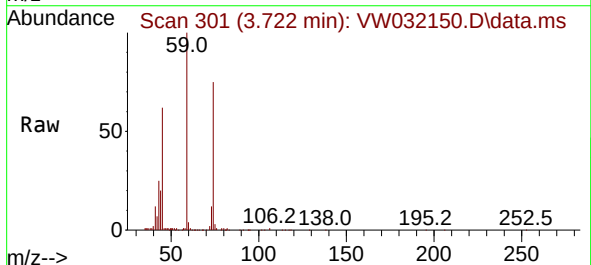
Instrument :
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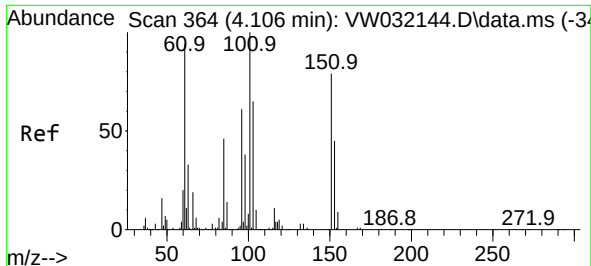
Tgt Ion:101 Resp: 40540
 Ion Ratio Lower Upper
 101 100
 103 67.4 47.8 71.8



#8
 Diethyl Ether
 Concen: 20.545 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032150.D
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Tgt Ion: 74 Resp: 30830
 Ion Ratio Lower Upper
 74 100
 45 79.0 43.1 129.4

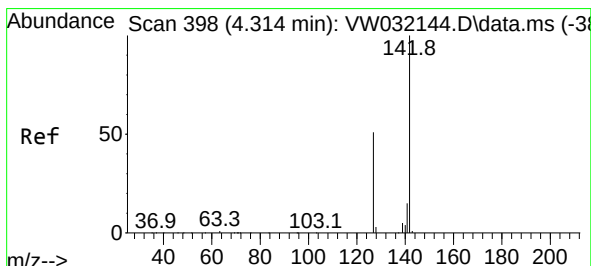
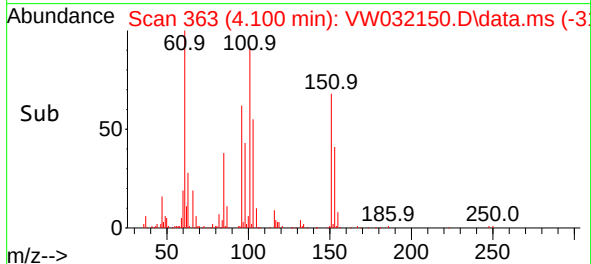
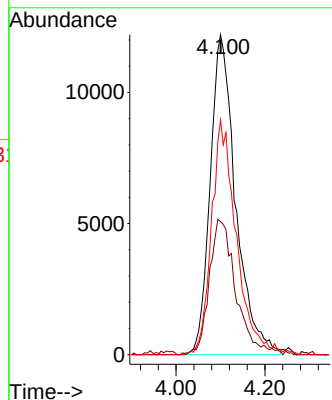
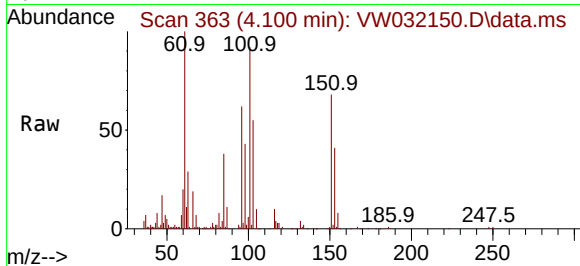




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.453 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

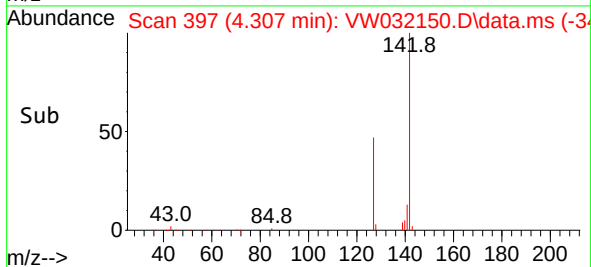
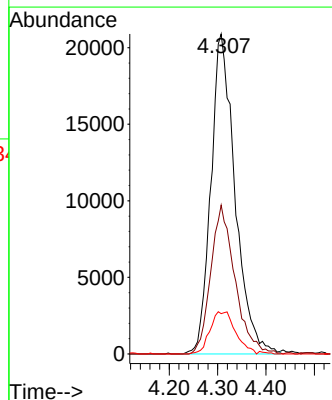
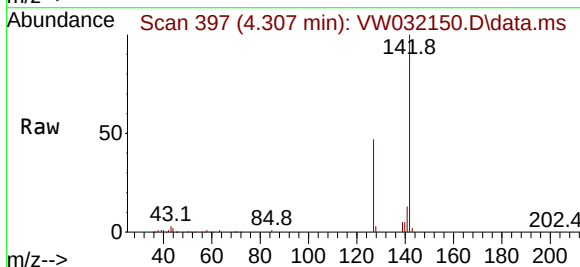
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

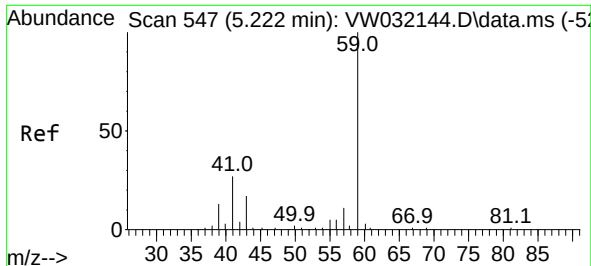
Tgt Ion:101 Resp: 48595
Ion Ratio Lower Upper
101 100
85 44.0 37.1 55.7
151 70.8 61.5 92.3



#10
Methyl Iodide
Concen: 21.015 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion:142 Resp: 72485
Ion Ratio Lower Upper
142 100
127 46.5 38.2 57.2
141 13.9 12.2 18.2

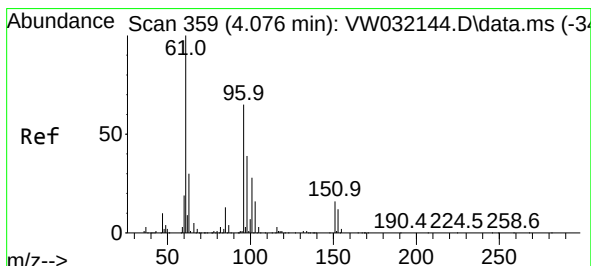
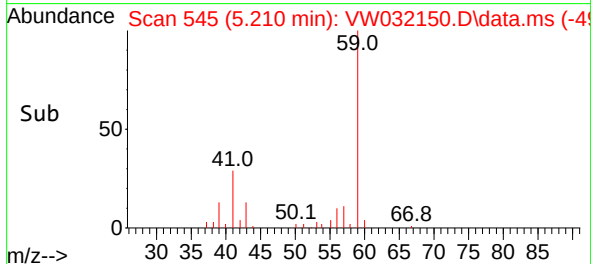
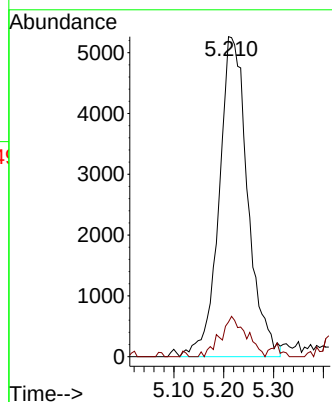
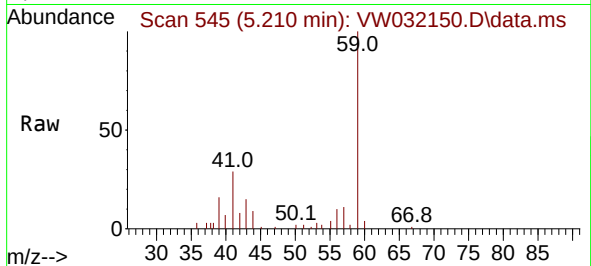




#11
Tert butyl alcohol
Concen: 106.127 ug/l
RT: 5.210 min Scan# 54
Delta R.T. -0.012 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

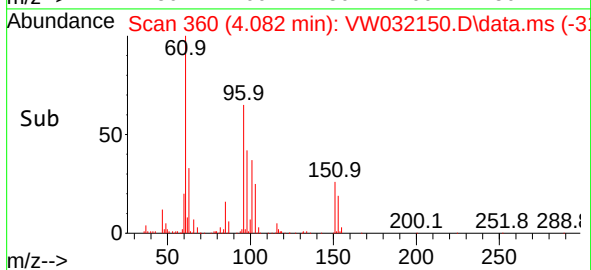
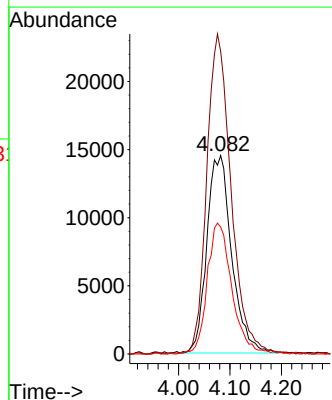
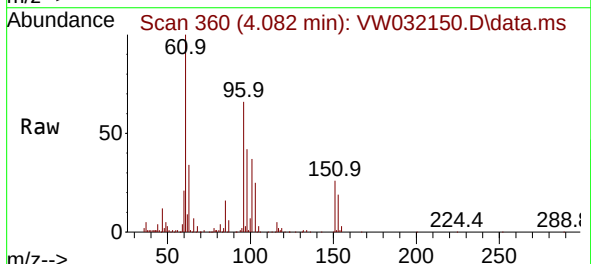
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

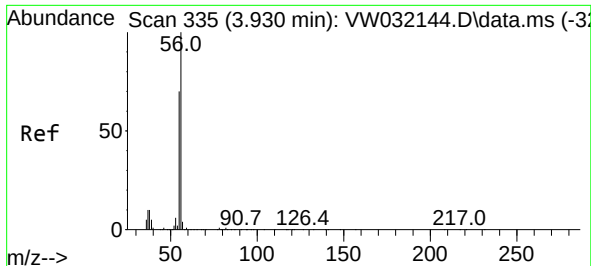
Tgt Ion: 59 Resp: 20955
Ion Ratio Lower Upper
59 100
57 11.3 9.8 14.6



#12
1,1-Dichloroethene
Concen: 20.413 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 96 Resp: 48697
Ion Ratio Lower Upper
96 100
61 152.6 123.0 184.4
98 63.9 48.5 72.7

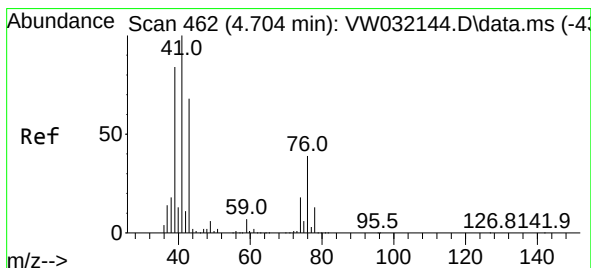
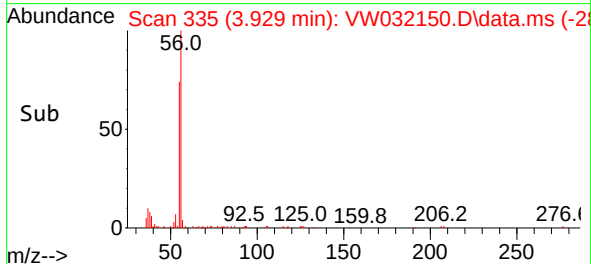
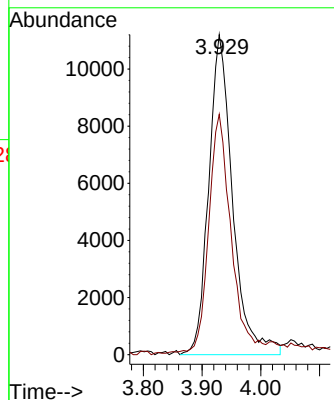
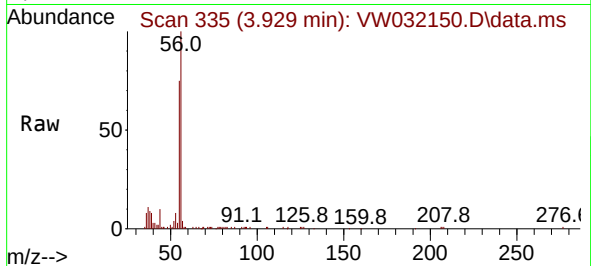




#13
Acrolein
Concen: 104.347 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

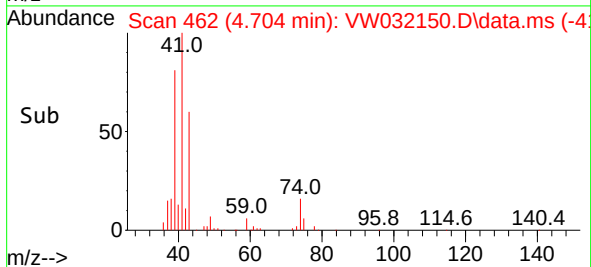
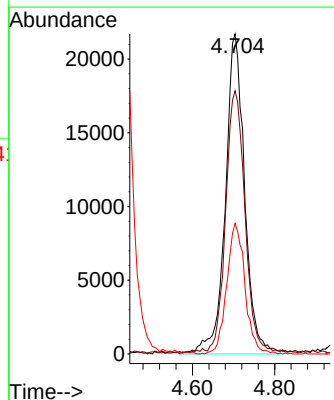
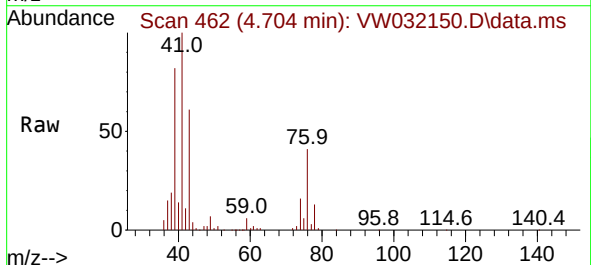
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

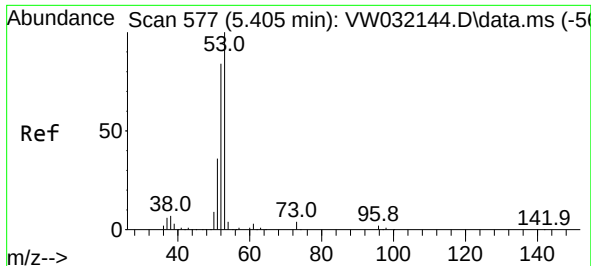
Tgt Ion: 56 Resp: 31671
Ion Ratio Lower Upper
56 100
55 69.7 56.4 84.6



#14
Allyl chloride
Concen: 20.912 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 41 Resp: 70862
Ion Ratio Lower Upper
41 100
39 82.2 64.1 96.1
76 38.5 31.4 47.2

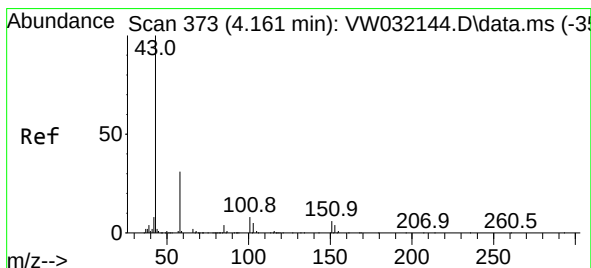
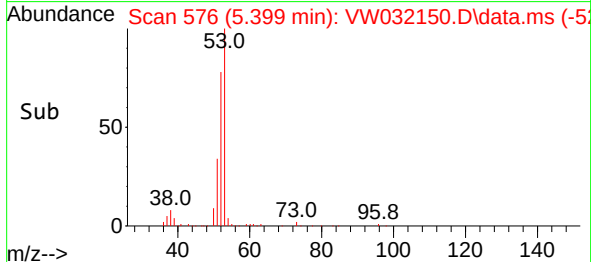
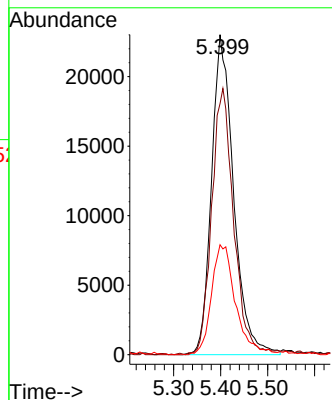
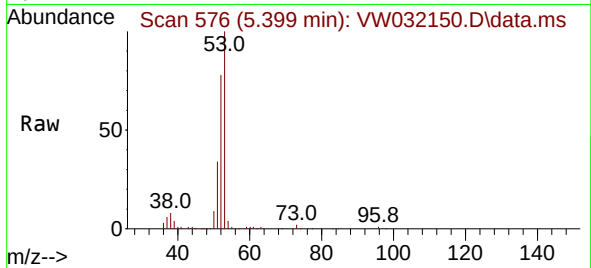




#15
Acrylonitrile
Concen: 102.903 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

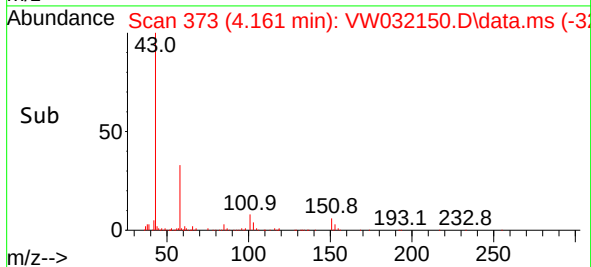
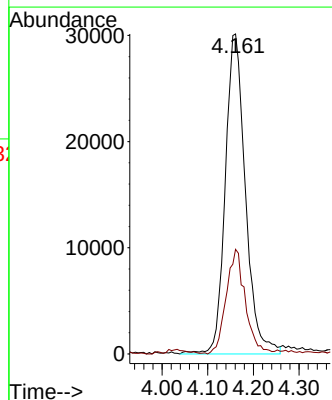
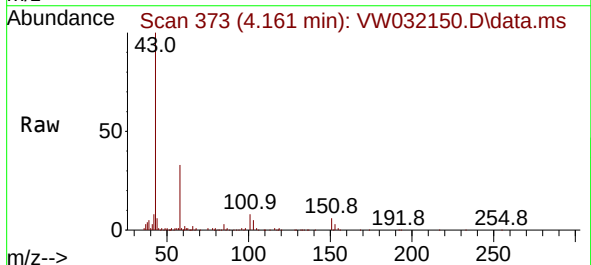
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

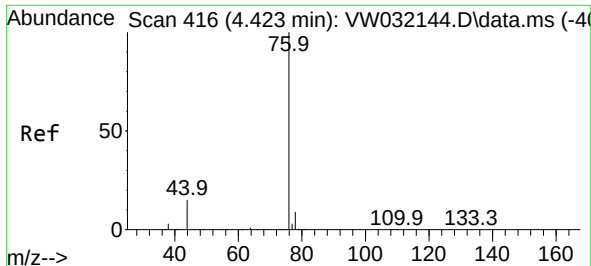
Tgt Ion: 53 Resp: 75074
Ion Ratio Lower Upper
53 100
52 82.5 67.4 101.2
51 37.4 30.3 45.5



#16
Acetone
Concen: 132.315 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 43 Resp: 92502
Ion Ratio Lower Upper
43 100
58 31.7 25.3 37.9

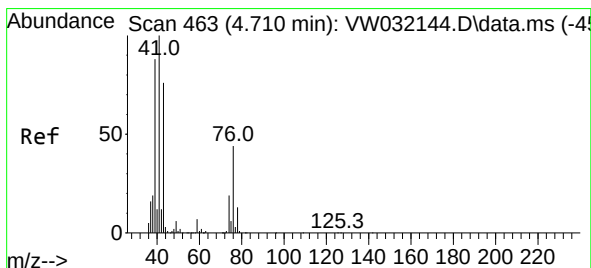
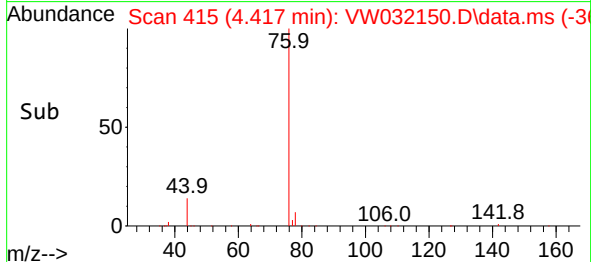
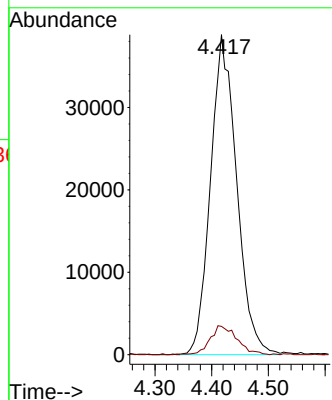
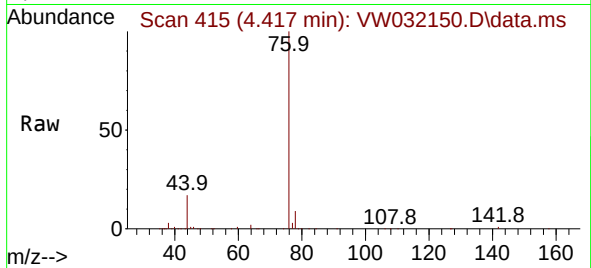




#17
Carbon Disulfide
Concen: 20.819 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

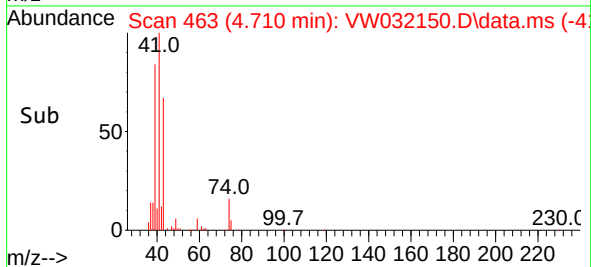
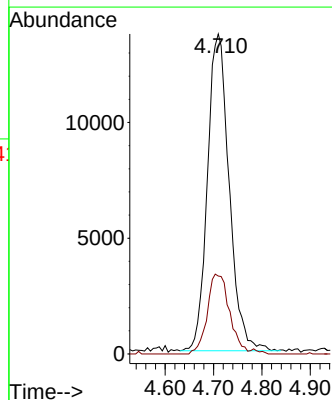
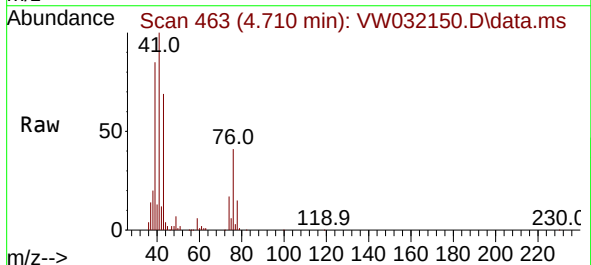
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

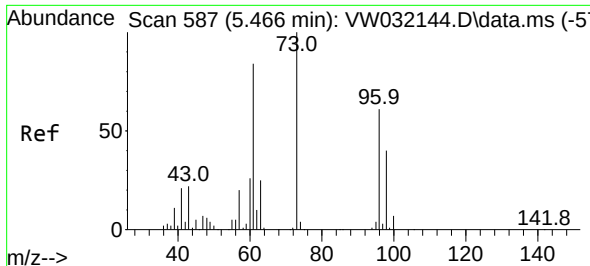
Tgt Ion: 76 Resp: 124220
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 19.179 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 43 Resp: 42720
Ion Ratio Lower Upper
43 100
74 25.7 20.2 30.4

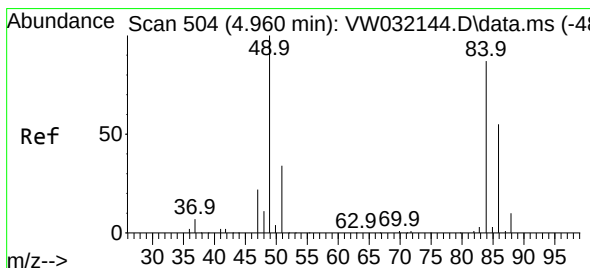
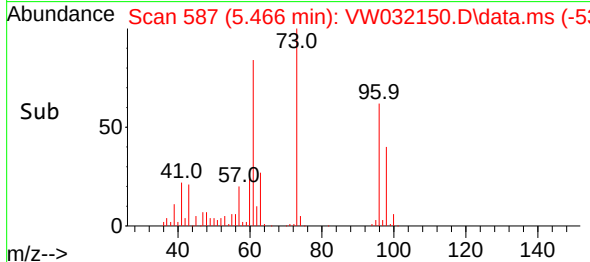
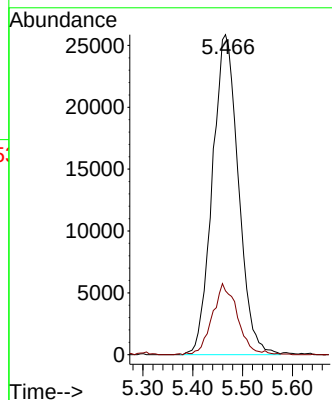
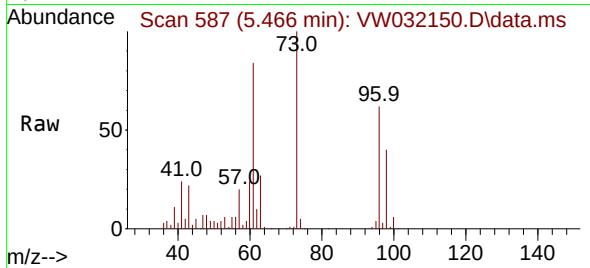




#19
Methyl tert-butyl Ether
Concen: 20.802 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

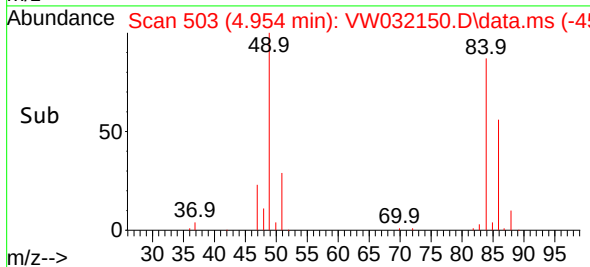
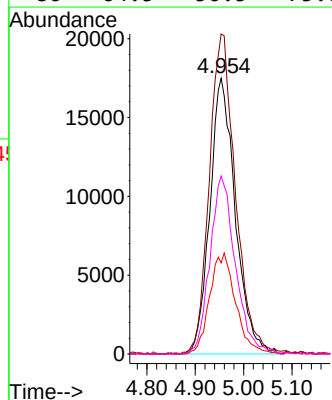
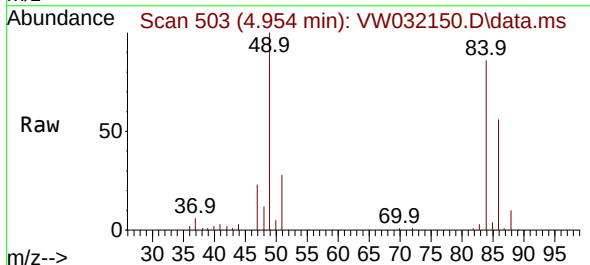
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

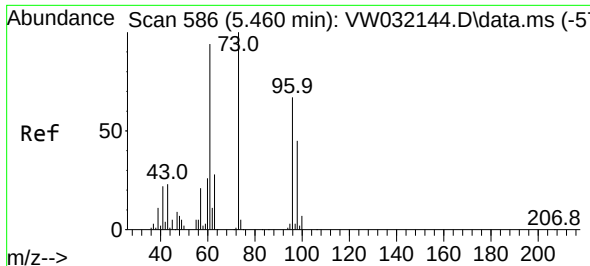
Tgt Ion: 73 Resp: 93709
Ion Ratio Lower Upper
73 100
57 19.8 16.2 24.4



#20
Methylene Chloride
Concen: 19.659 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 84 Resp: 63942
Ion Ratio Lower Upper
84 100
49 116.1 92.2 138.4
51 33.0 31.0 46.6
86 64.5 50.5 75.7

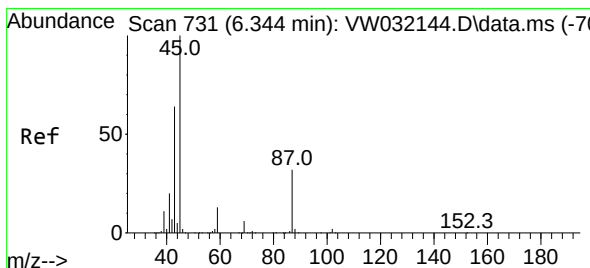
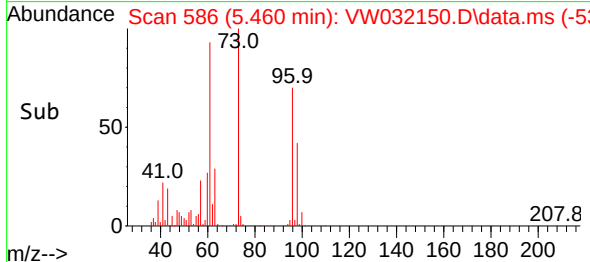
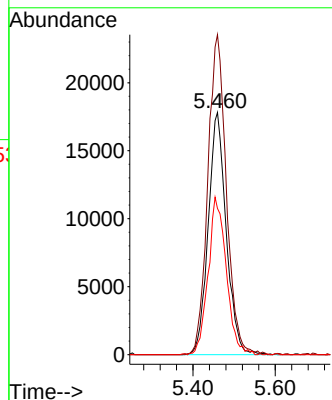
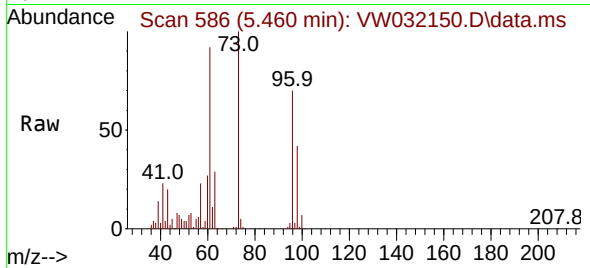




#21
trans-1,2-Dichloroethene
Concen: 20.317 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

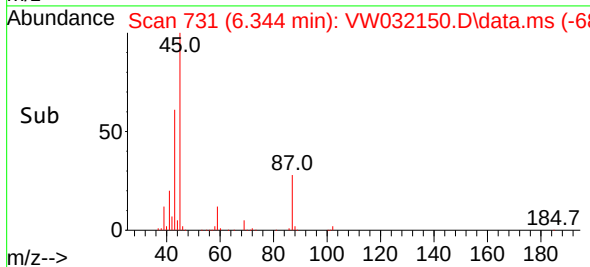
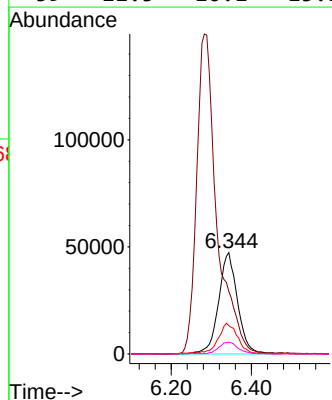
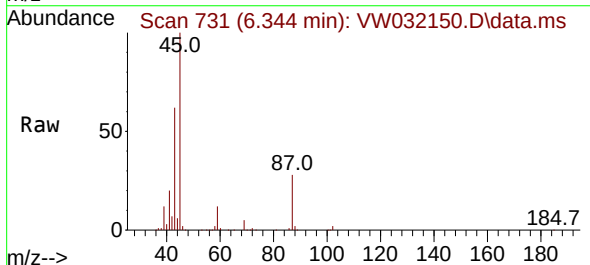
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

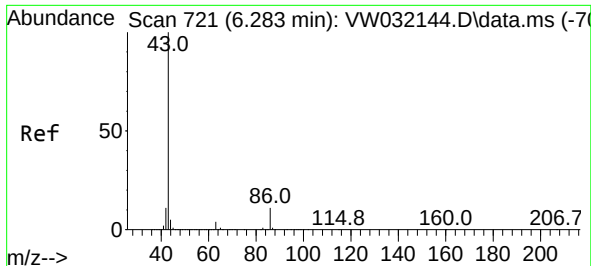
Tgt Ion: 96 Resp: 54144
Ion Ratio Lower Upper
96 100
61 132.1 112.5 168.7
98 60.3 54.2 81.4



#22
Diisopropyl ether
Concen: 21.019 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 45 Resp: 155016
Ion Ratio Lower Upper
45 100
43 60.9 51.4 77.2
87 27.7 25.9 38.9
59 11.5 10.1 15.1

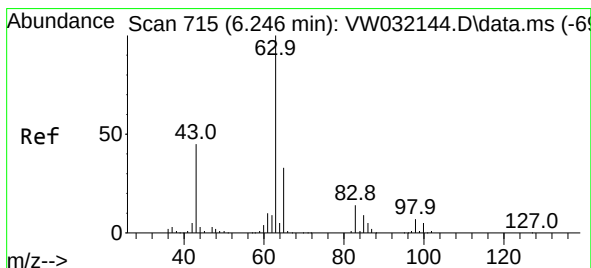
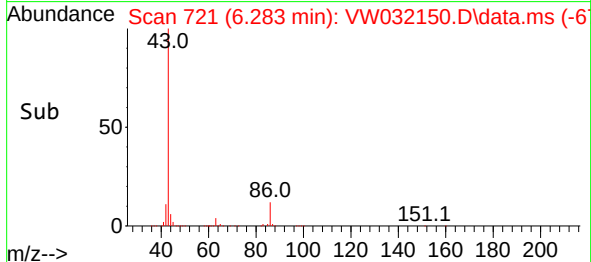
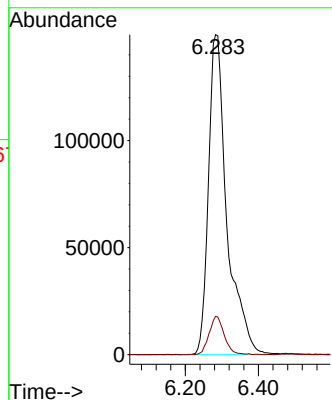
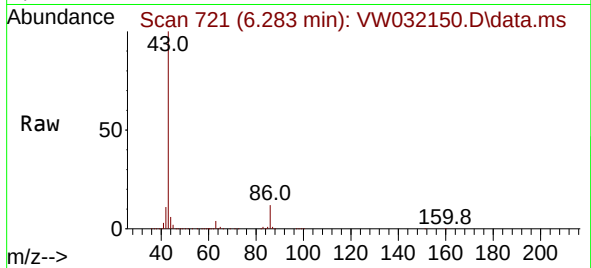




#23
 Vinyl Acetate
 Concen: 104.510 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032150.D
 Acq: 28 Aug 2025 11:32

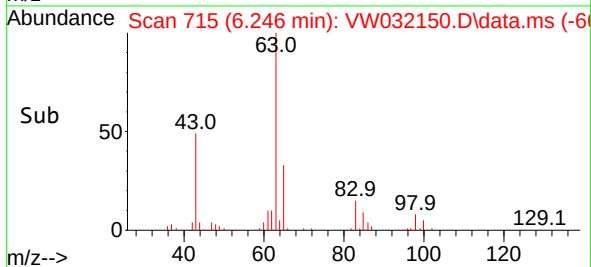
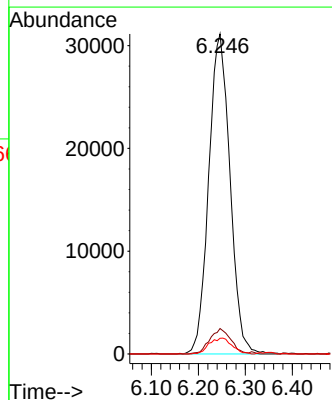
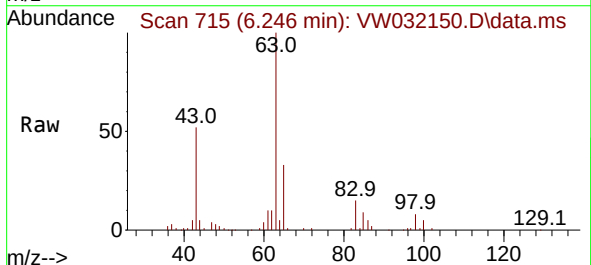
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS01

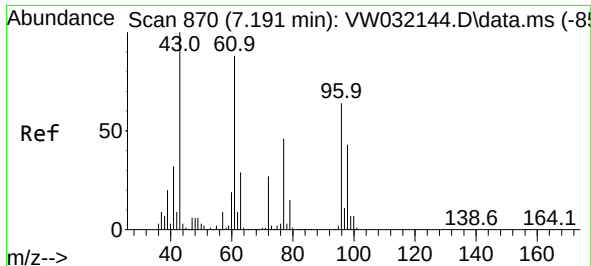
Tgt Ion: 43 Resp: 524033
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 20.234 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032150.D
 Acq: 28 Aug 2025 11:32

Tgt Ion: 63 Resp: 97693
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.2
 100 4.9 2.5 7.5

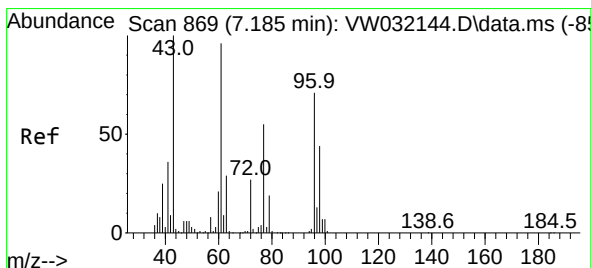
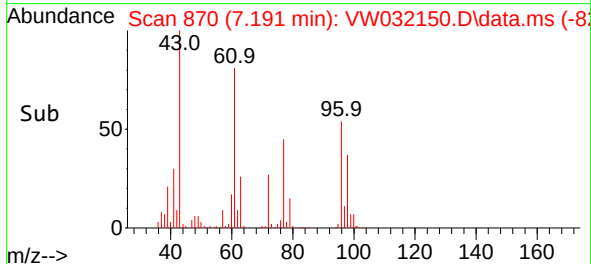
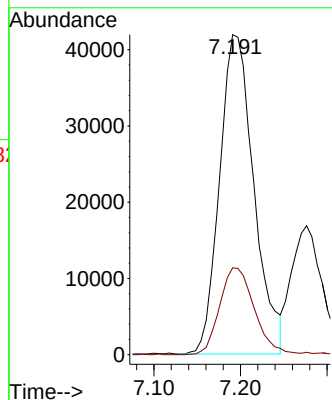
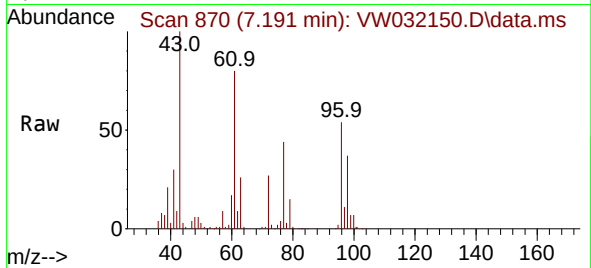




#25
2-Butanone
Concen: 116.564 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

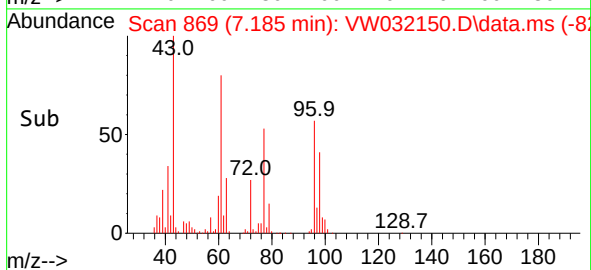
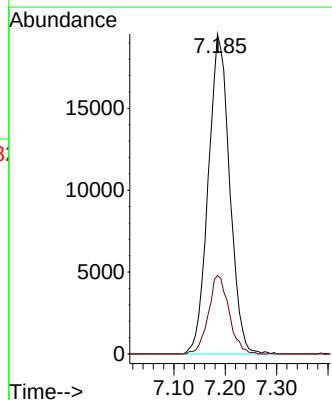
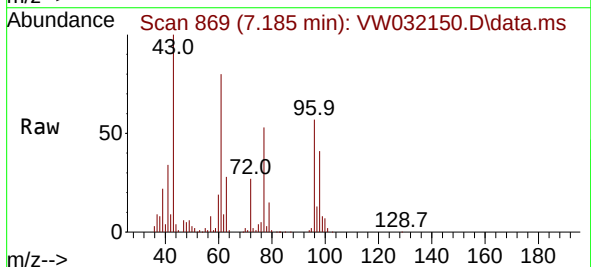
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

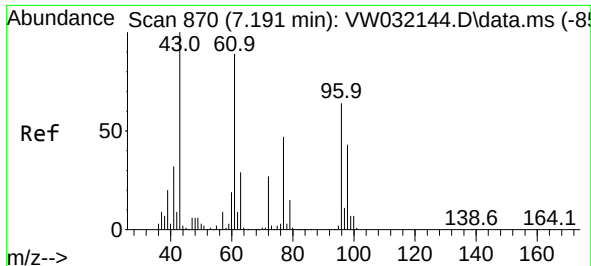
Tgt Ion: 43 Resp: 115474
Ion Ratio Lower Upper
43 100
72 27.2 21.4 32.2



#26
2,2-Dichloropropane
Concen: 21.997 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 77 Resp: 56243
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5

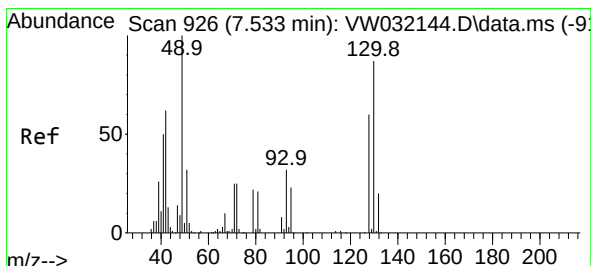
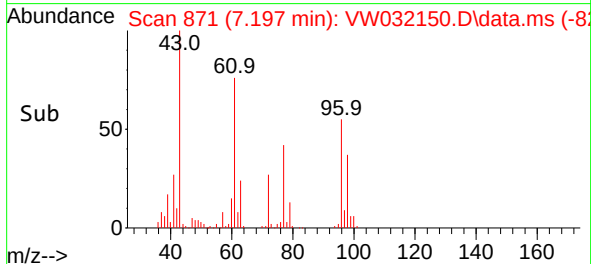
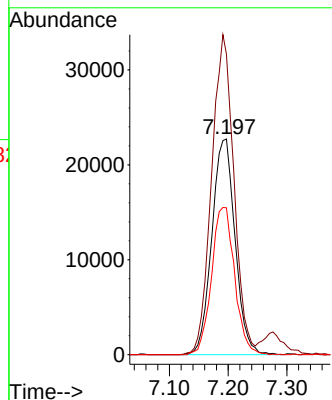
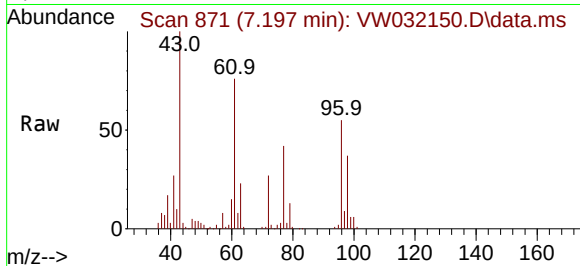




#27
 cis-1,2-Dichloroethene
 Concen: 19.265 ug/l
 RT: 7.197 min Scan# 871
 Delta R.T. 0.006 min
 Lab File: VW032150.D
 Acq: 28 Aug 2025 11:32

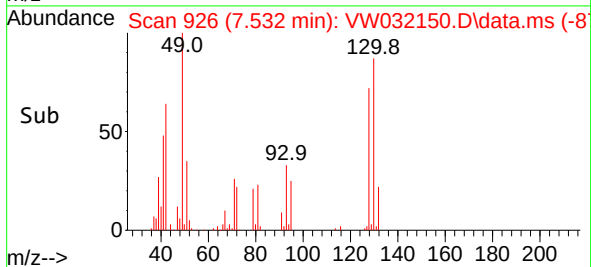
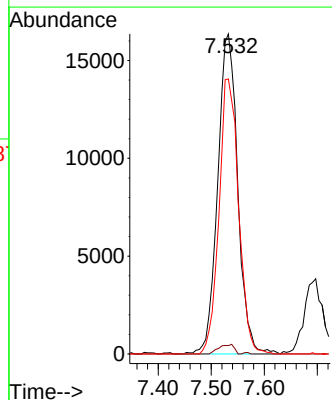
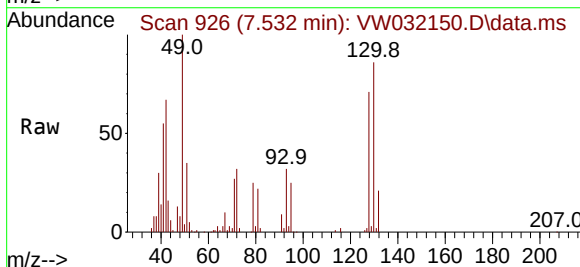
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS01

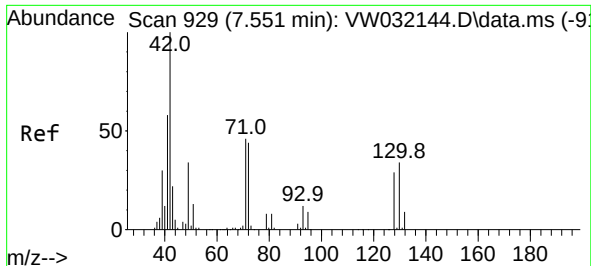
Tgt Ion: 96 Resp: 62473
 Ion Ratio Lower Upper
 96 100
 61 142.3 0.0 268.0
 98 67.8 0.0 130.8



#28
 Bromochloromethane
 Concen: 19.419 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032150.D
 Acq: 28 Aug 2025 11:32

Tgt Ion: 49 Resp: 42919
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 84.0 67.5 101.3





#29

Tetrahydrofuran

Concen: 102.556 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032150.D

Acq: 28 Aug 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS01

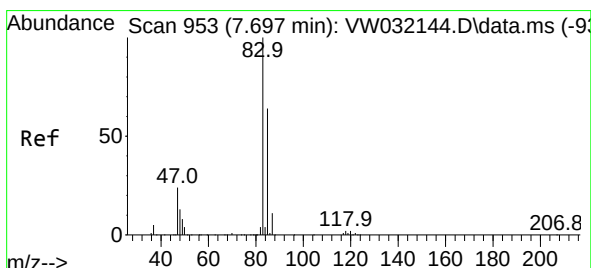
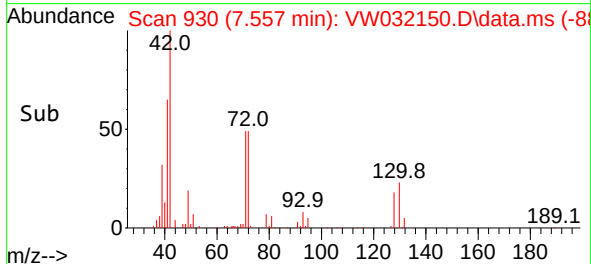
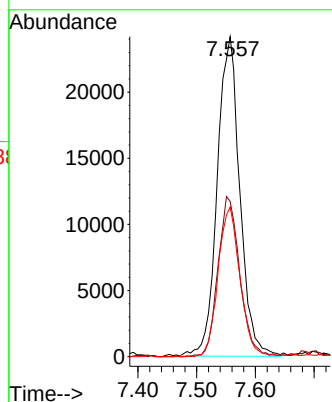
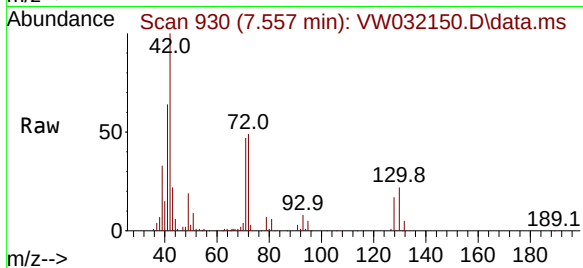
Tgt Ion: 42 Resp: 64561

Ion Ratio Lower Upper

42 100

72 48.4 37.4 56.2

71 45.3 36.0 54.0



#30

Chloroform

Concen: 20.279 ug/l

RT: 7.697 min Scan# 953

Delta R.T. -0.000 min

Lab File: VW032150.D

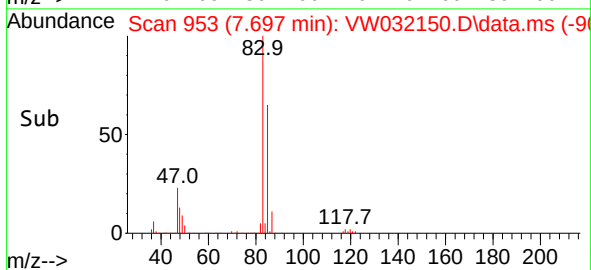
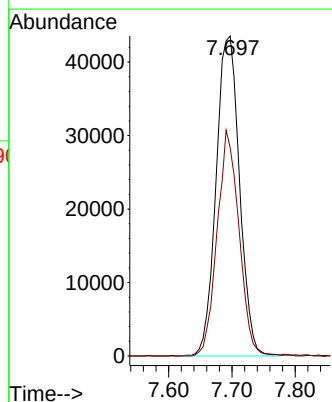
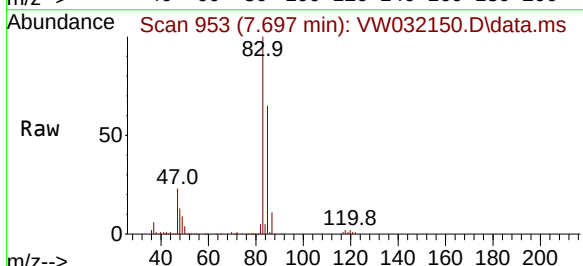
Acq: 28 Aug 2025 11:32

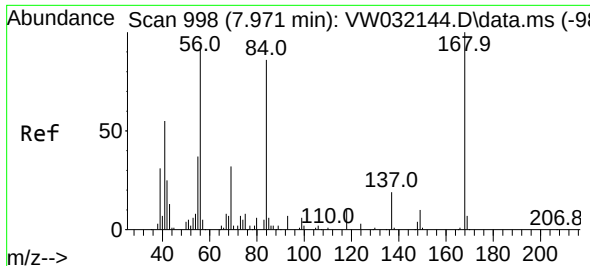
Tgt Ion: 83 Resp: 111788

Ion Ratio Lower Upper

83 100

85 65.2 51.2 76.8

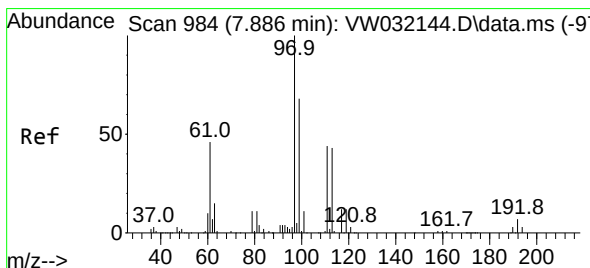
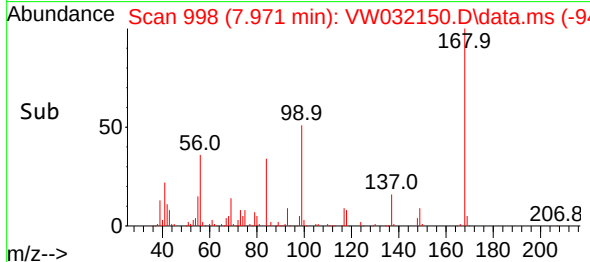
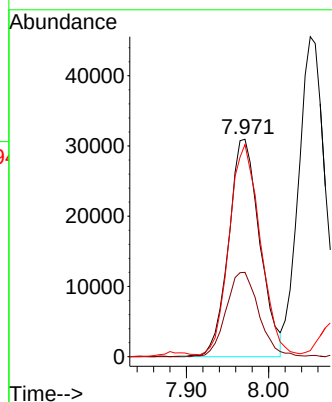
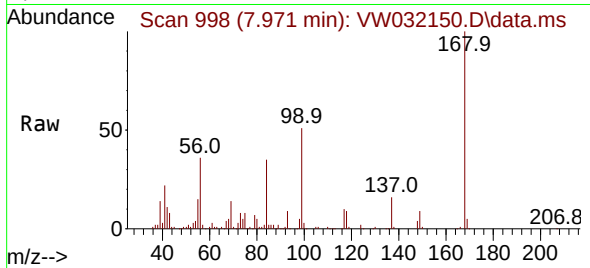




#31
Cyclohexane
Concen: 20.552 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

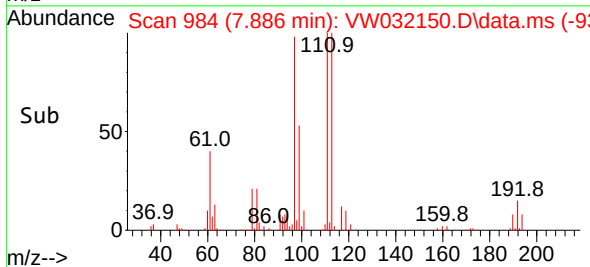
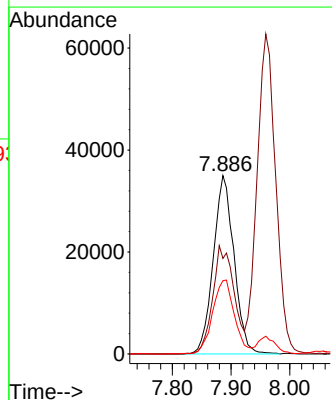
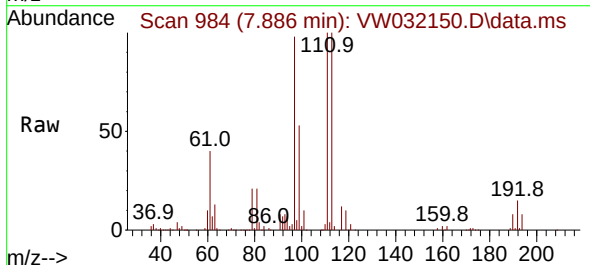
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

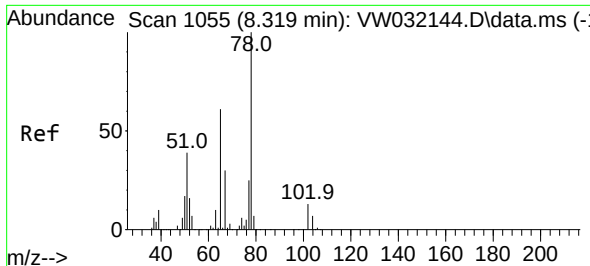
Tgt Ion: 56 Resp: 81446
Ion Ratio Lower Upper
56 100
69 38.5 27.7 41.5
84 95.8 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 21.311 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 97 Resp: 85756
Ion Ratio Lower Upper
97 100
99 62.4 50.9 76.3
61 43.8 36.2 54.4

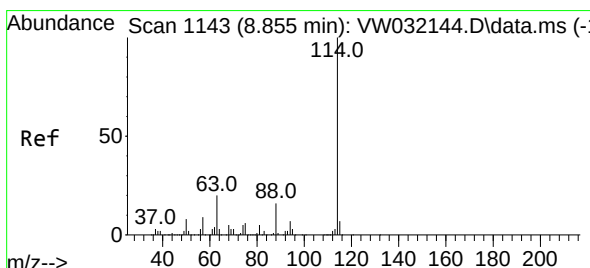
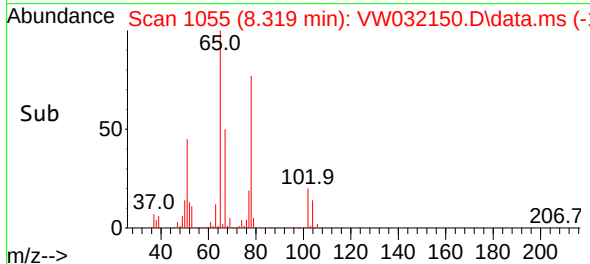
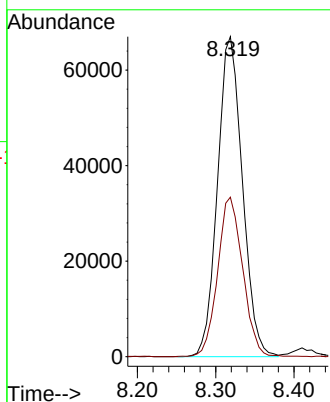
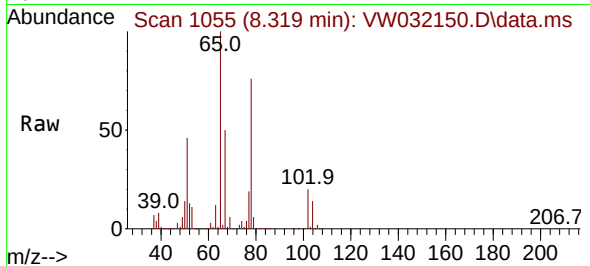




#33
 1,2-Dichloroethane-d4
 Concen: 45.871 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032150.D
 Acq: 28 Aug 2025 11:32

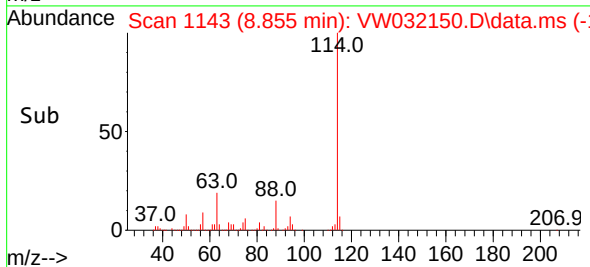
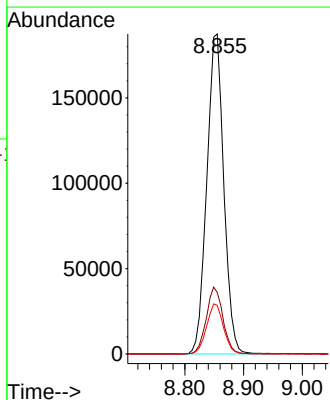
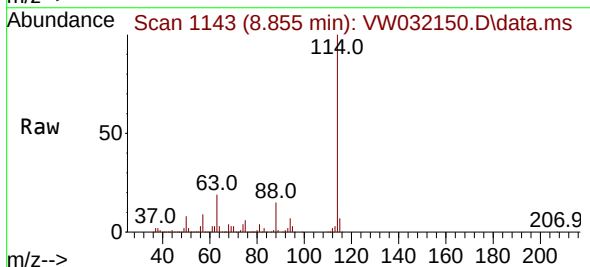
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS01

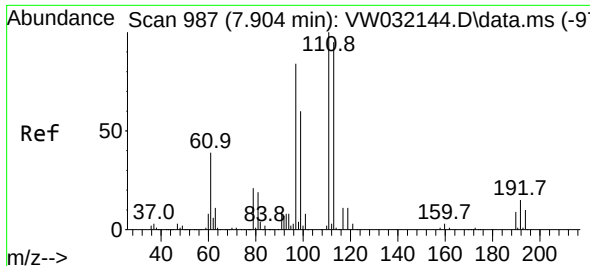
Tgt Ion: 65 Resp: 148074
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032150.D
 Acq: 28 Aug 2025 11:32

Tgt Ion: 114 Resp: 376443
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.4
 88 15.2 0.0 32.0

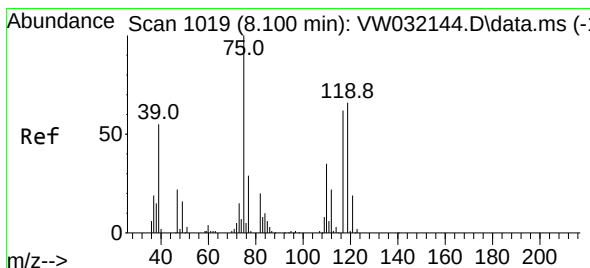
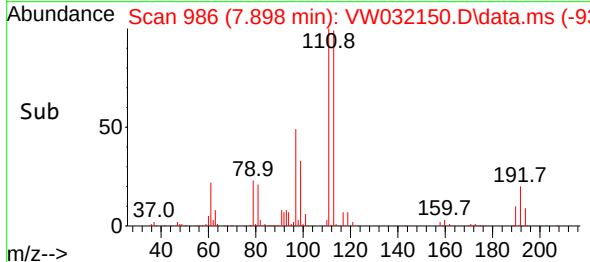
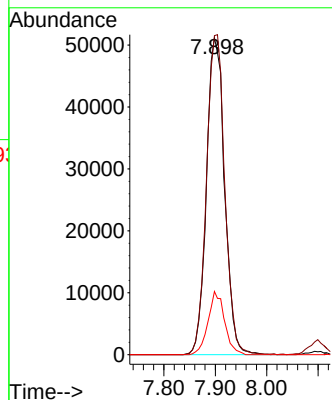
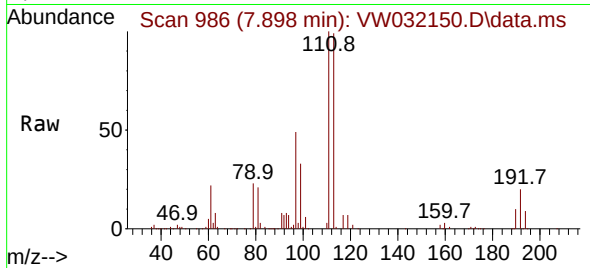




#35
 Dibromofluoromethane
 Concen: 47.377 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032150.D
 Acq: 28 Aug 2025 11:32

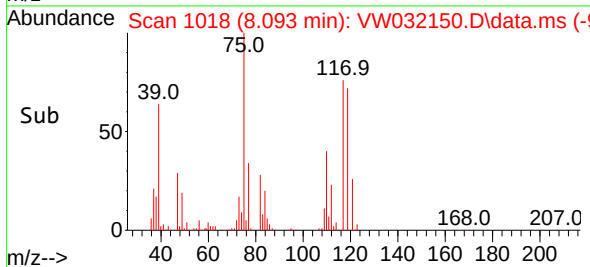
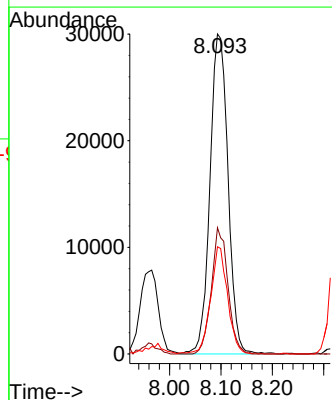
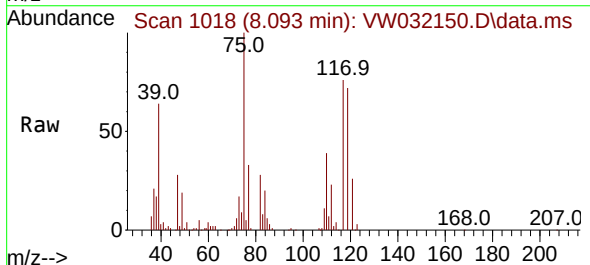
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS01

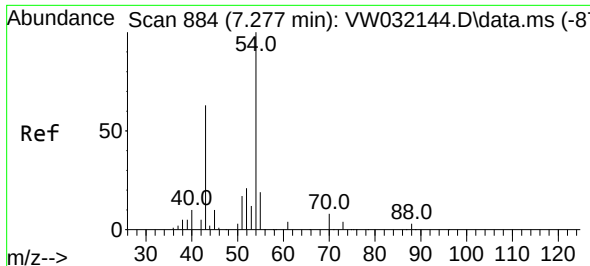
Tgt Ion:113 Resp: 125127
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.9 125.9
 192 18.2 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 21.379 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032150.D
 Acq: 28 Aug 2025 11:32

Tgt Ion: 75 Resp: 73209
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.5 52.5
 77 31.5 24.1 36.1

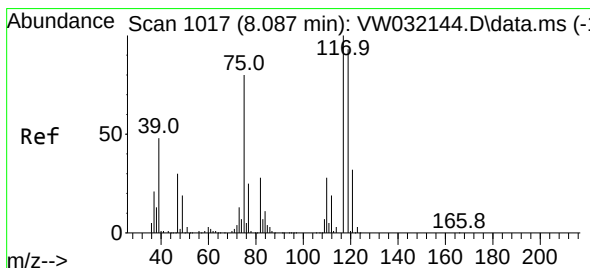
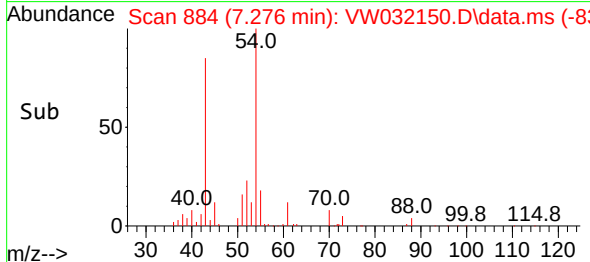
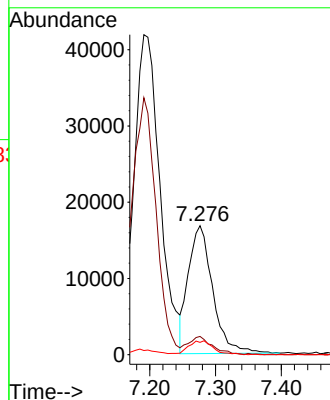
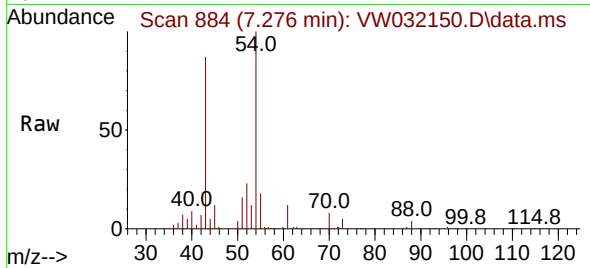




#37
Ethyl Acetate
Concen: 20.931 ug/l
RT: 7.276 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

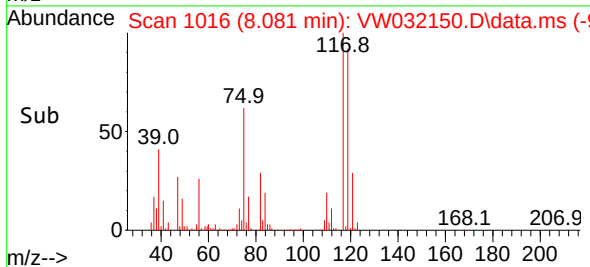
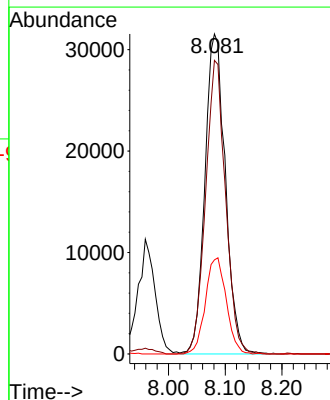
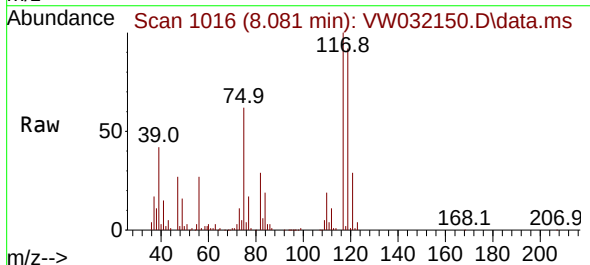
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

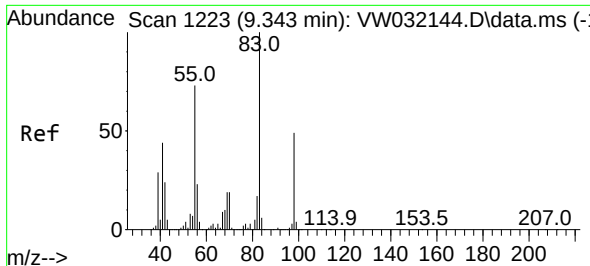
Tgt Ion: 43 Resp: 42997
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 21.499 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 117 Resp: 78923
Ion Ratio Lower Upper
117 100
119 91.7 74.2 111.2
121 29.4 25.6 38.4





#39

Methylcyclohexane

Concen: 21.513 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032150.D

Acq: 28 Aug 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS01

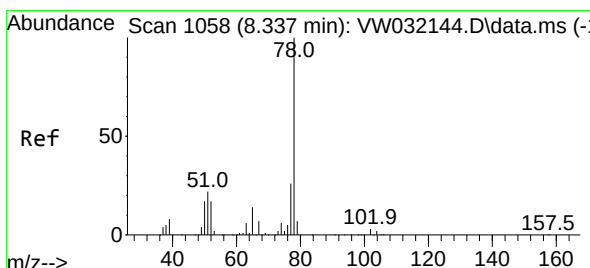
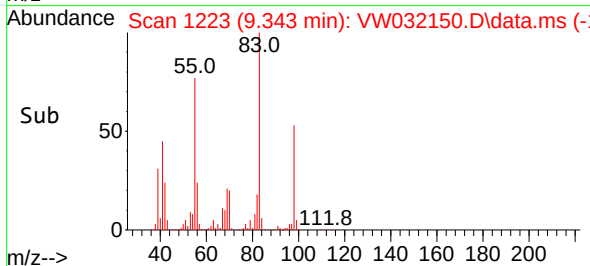
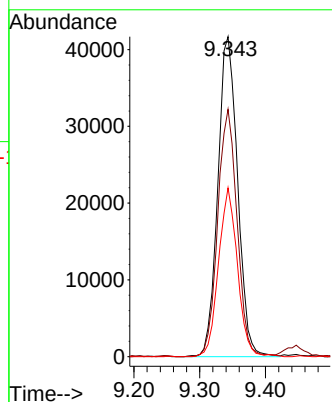
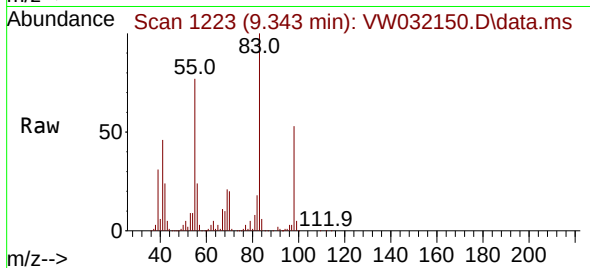
Tgt Ion: 83 Resp: 87256

Ion Ratio Lower Upper

83 100

55 77.3 58.4 87.6

98 52.7 39.4 59.2



#40

Benzene

Concen: 21.029 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032150.D

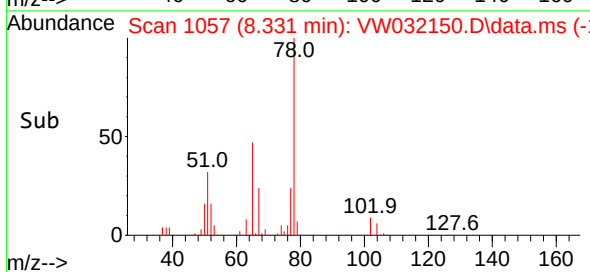
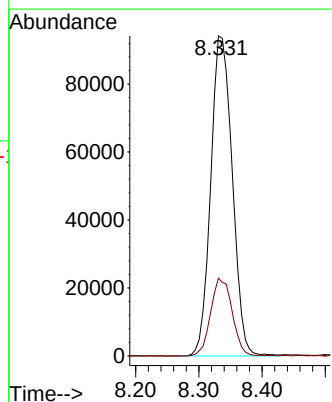
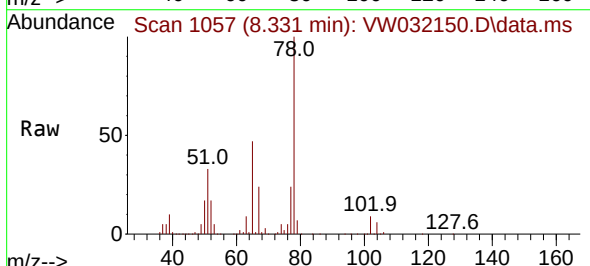
Acq: 28 Aug 2025 11:32

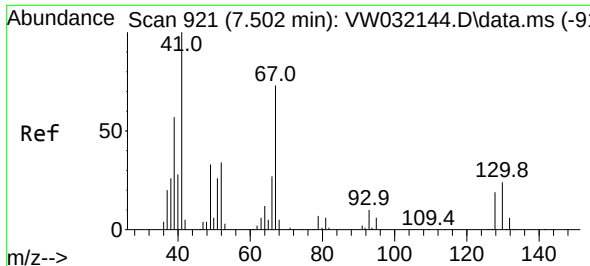
Tgt Ion: 78 Resp: 222595

Ion Ratio Lower Upper

78 100

77 24.3 20.7 31.1

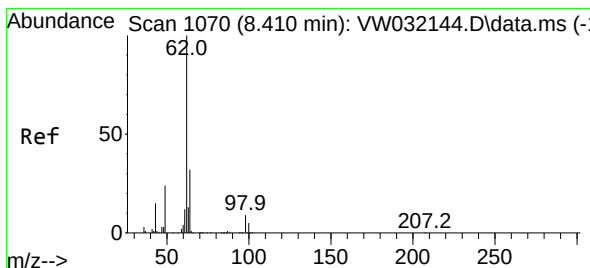
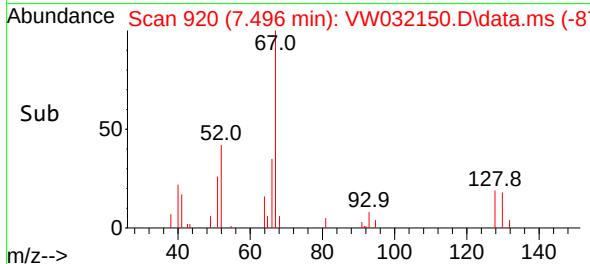
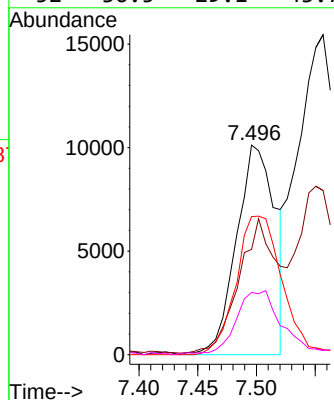
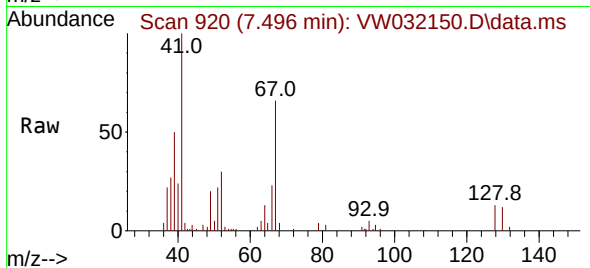




#41
Methacrylonitrile
Concen: 20.377 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

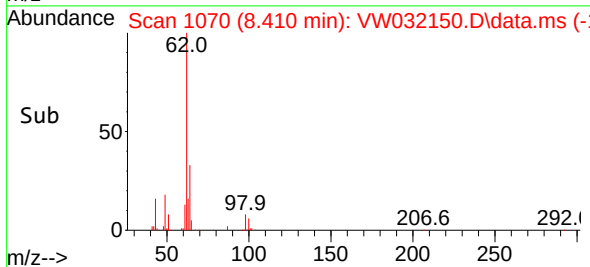
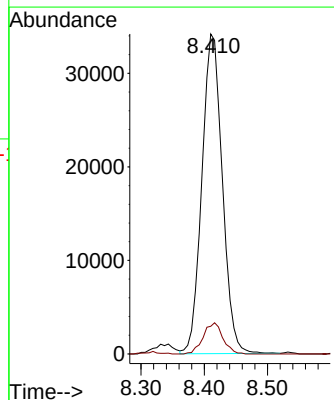
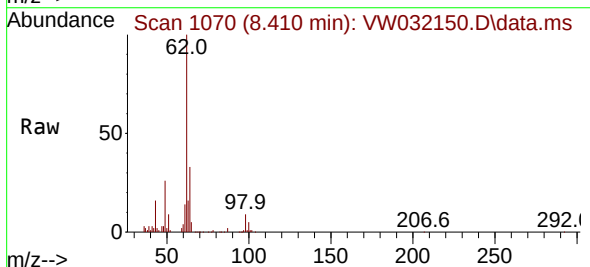
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

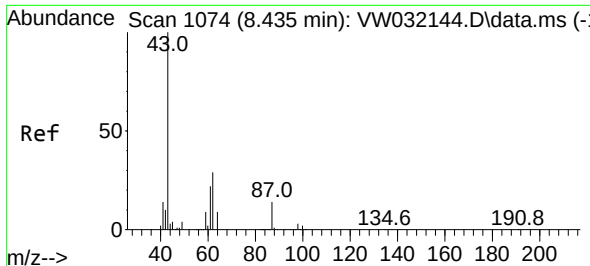
Tgt Ion: 41	Resp: 23257
Ion Ratio	Lower Upper
41 100	
39 66.4	50.9 76.3
67 79.2	65.6 98.4
52 36.5	29.1 43.7



#42
1,2-Dichloroethane
Concen: 20.963 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 62	Resp: 76925
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 18.0

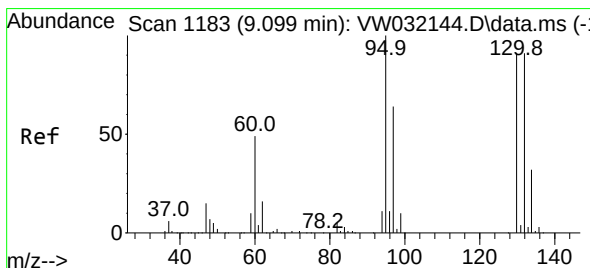
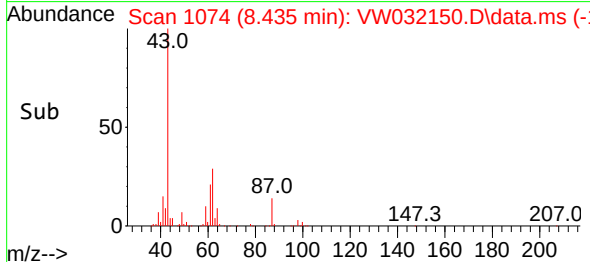
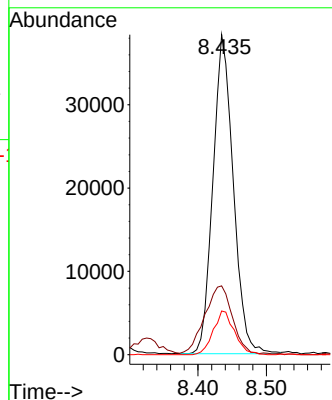
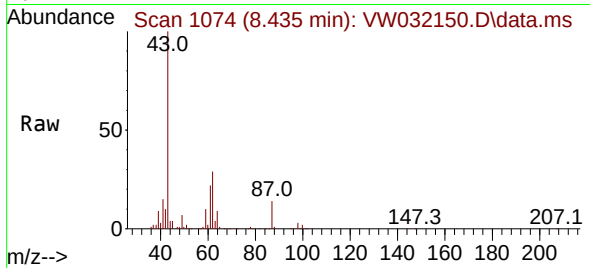




#43
Isopropyl Acetate
Concen: 20.511 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

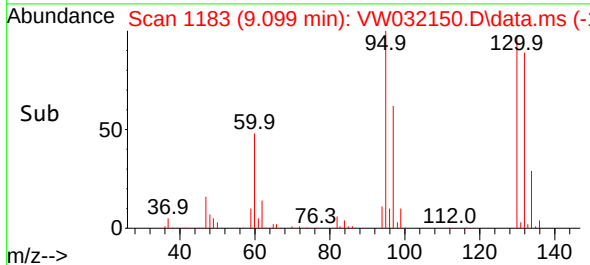
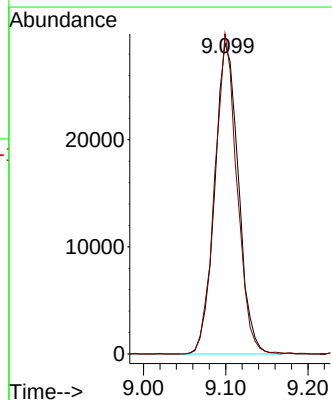
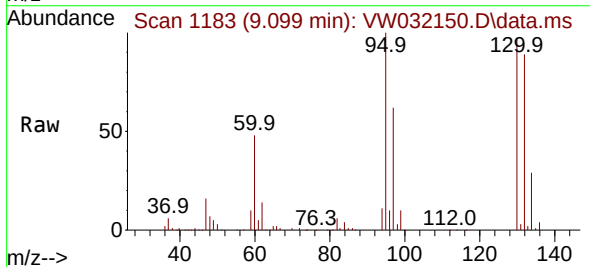
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

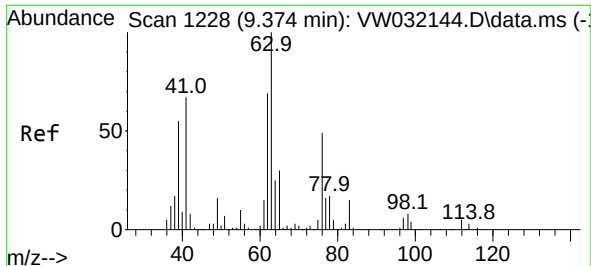
Tgt Ion:	43	Resp:	79047
Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.3	34.9
87	14.3	11.1	16.7



#44
Trichloroethene
Concen: 21.802 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion:	130	Resp:	58035
Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	220.0

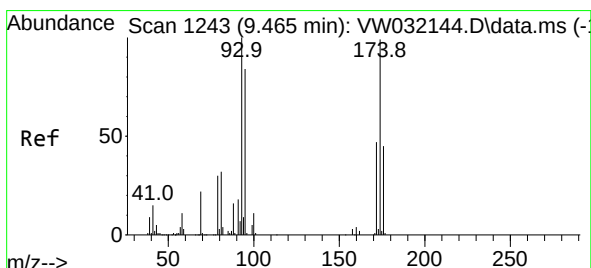
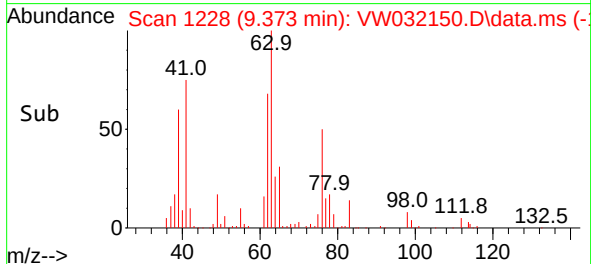
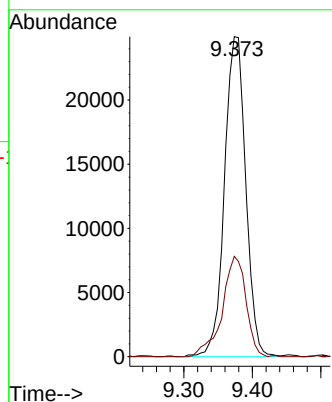
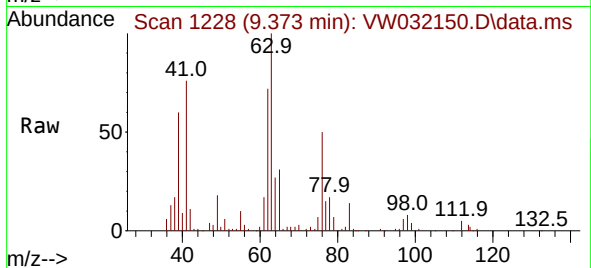




#45
1,2-Dichloropropane
Concen: 21.023 ug/l
RT: 9.373 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

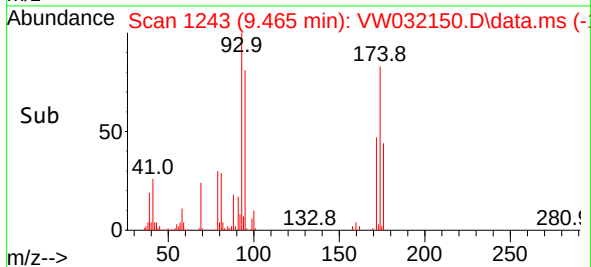
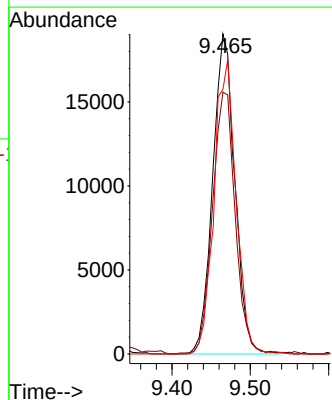
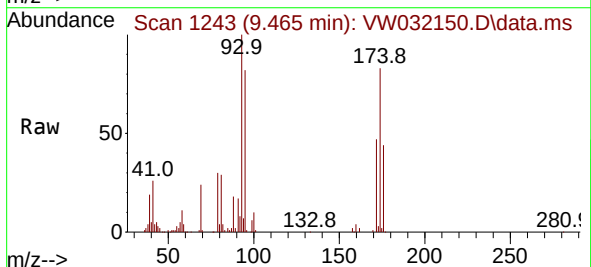
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

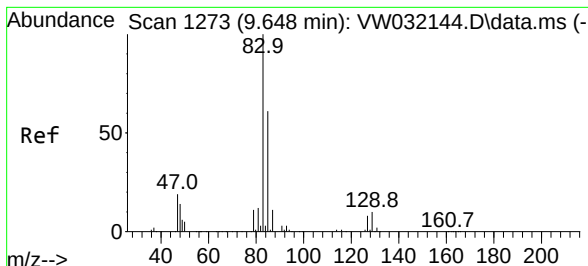
Tgt Ion: 63 Resp: 53645
Ion Ratio Lower Upper
63 100
65 31.4 24.3 36.5



#46
Dibromomethane
Concen: 20.862 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 93 Resp: 37337
Ion Ratio Lower Upper
93 100
95 84.7 67.4 101.2
174 91.7 75.7 113.5





#47

Bromodichloromethane

Concen: 20.622 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VW032150.D

Acq: 28 Aug 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS01

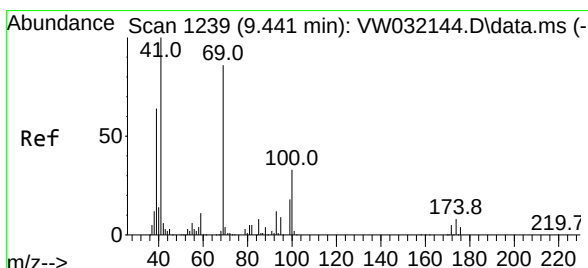
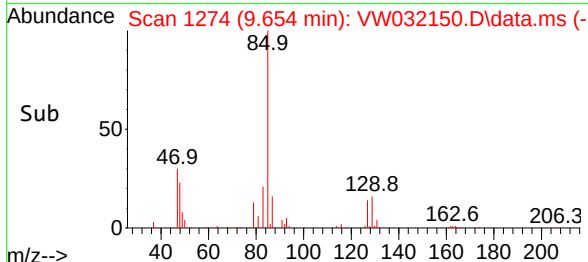
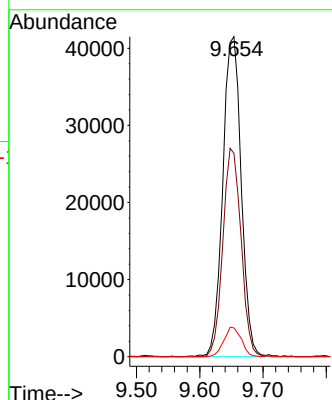
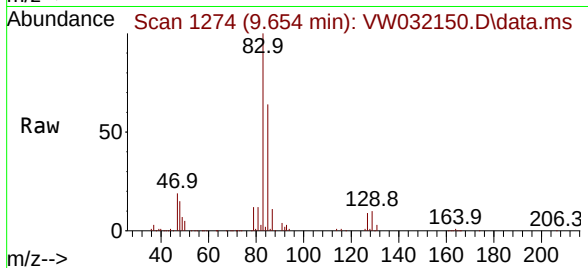
Tgt Ion: 83 Resp: 83875

Ion Ratio Lower Upper

83 100

85 63.6 48.7 73.1

127 9.0 6.4 9.6



#48

Methyl methacrylate

Concen: 21.132 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032150.D

Acq: 28 Aug 2025 11:32

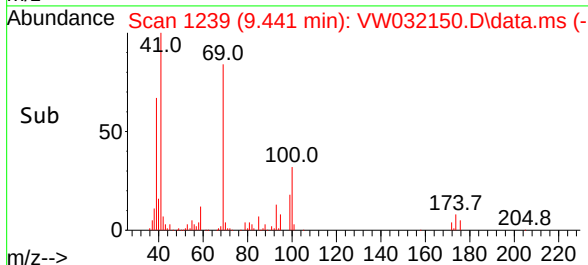
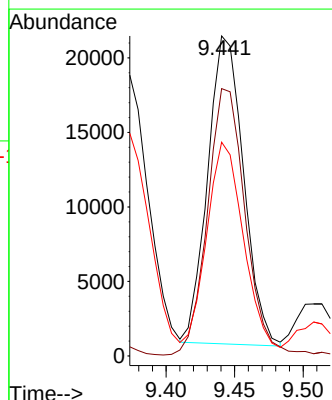
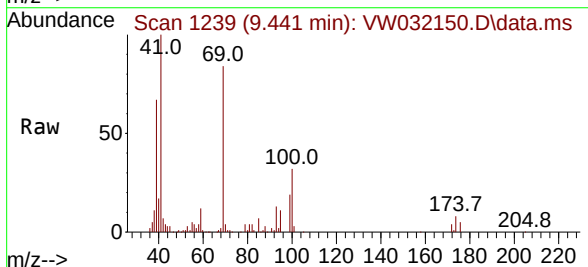
Tgt Ion: 41 Resp: 37530

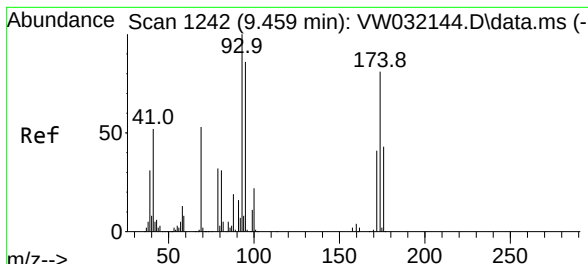
Ion Ratio Lower Upper

41 100

69 92.2 71.5 107.3

39 66.9 55.9 83.9

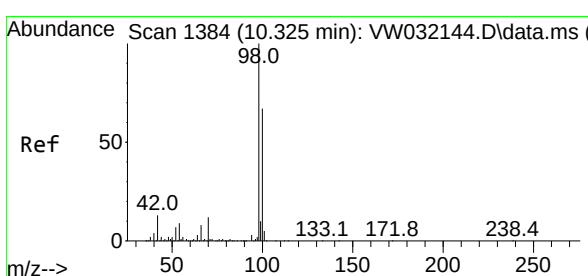
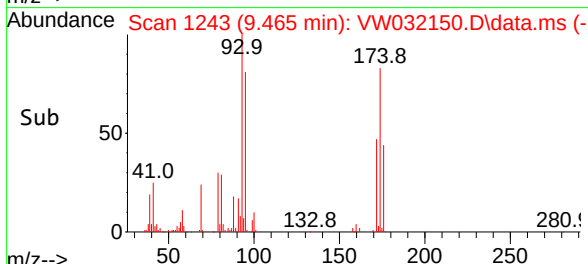
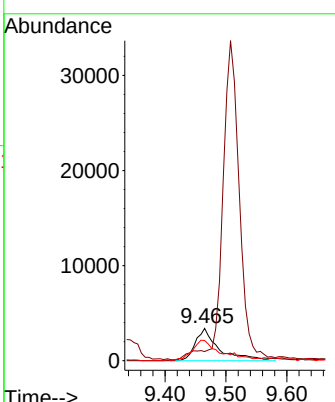
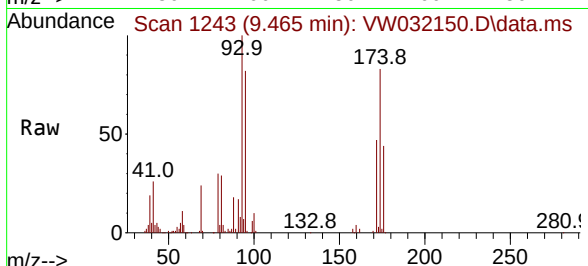




#49
 1,4-Dioxane
 Concen: 430.581 ug/l
 RT: 9.465 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW032150.D
 Acq: 28 Aug 2025 11:32

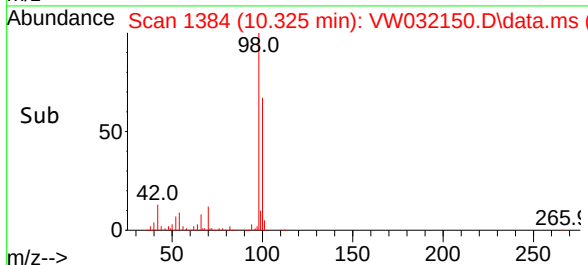
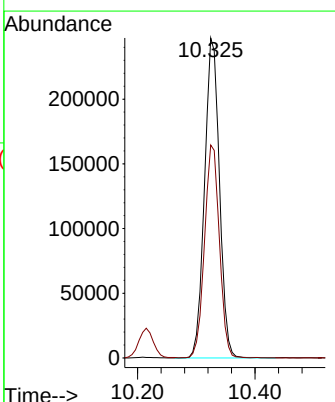
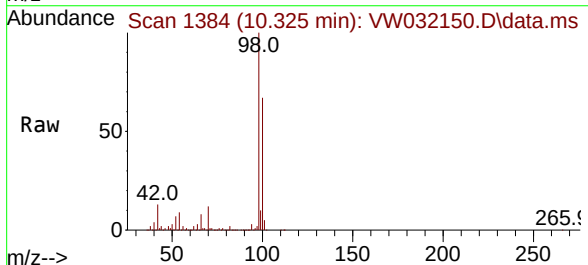
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS01

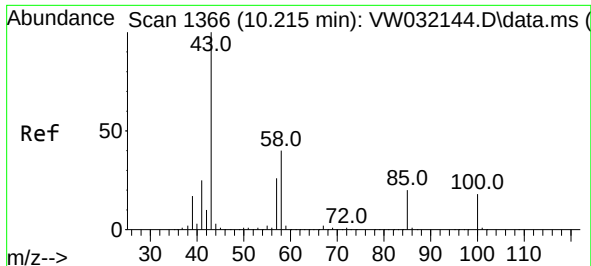
Tgt Ion:	88	Resp:	9311
Ion	Ratio	Lower	Upper
88	100		
43	0.0	18.0	27.0#
58	76.5	55.4	83.0



#50
 Toluene-d8
 Concen: 46.979 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032150.D
 Acq: 28 Aug 2025 11:32

Tgt Ion:	98	Resp:	435573
Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.4	77.2

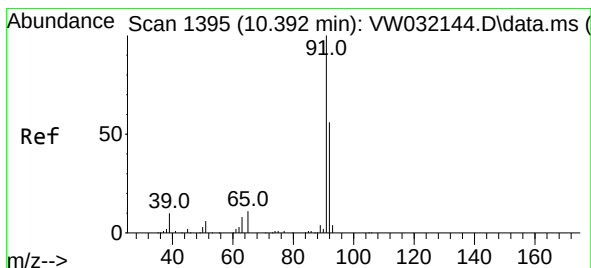
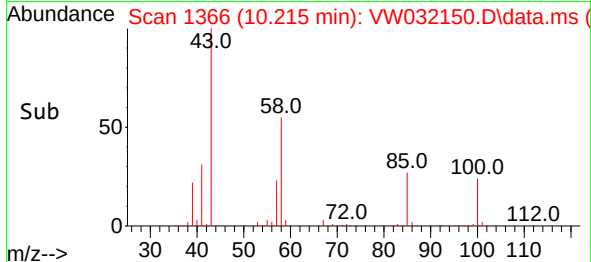
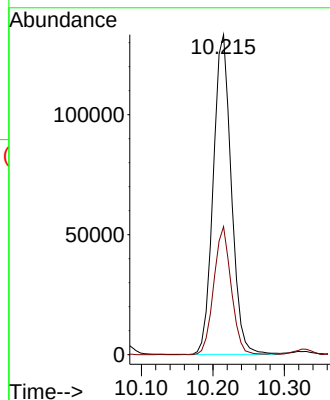
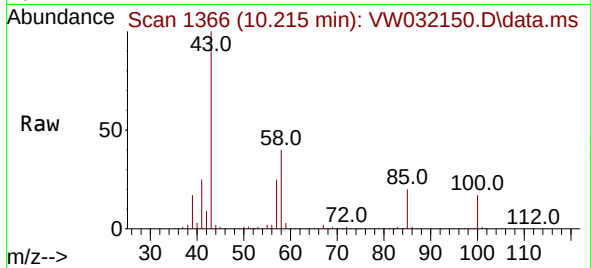




#51
4-Methyl-2-Pentanone
Concen: 107.399 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

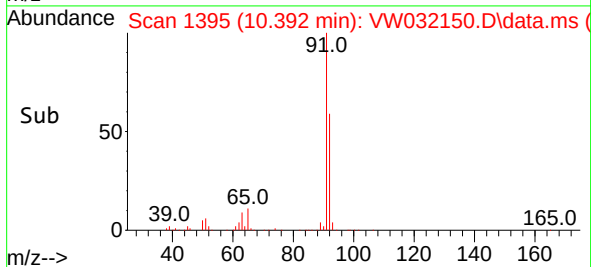
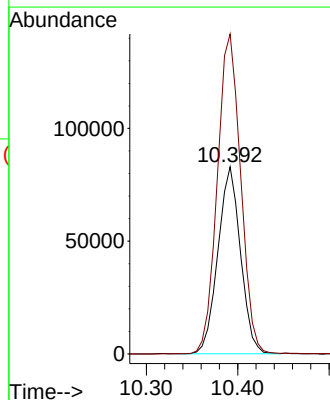
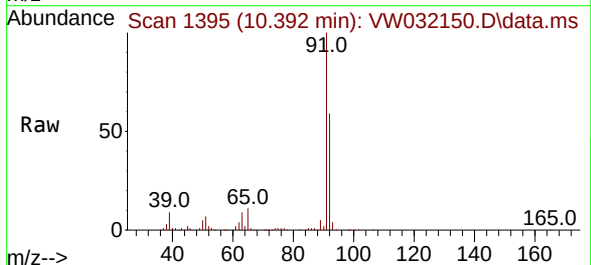
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

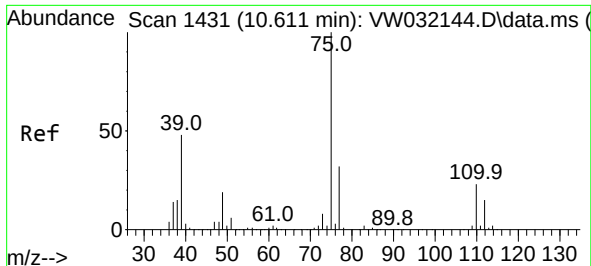
Tgt Ion: 43 Resp: 233708
Ion Ratio Lower Upper
43 100
58 38.7 32.0 48.0



#52
Toluene
Concen: 20.583 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 92 Resp: 142373
Ion Ratio Lower Upper
92 100
91 177.4 137.5 206.3

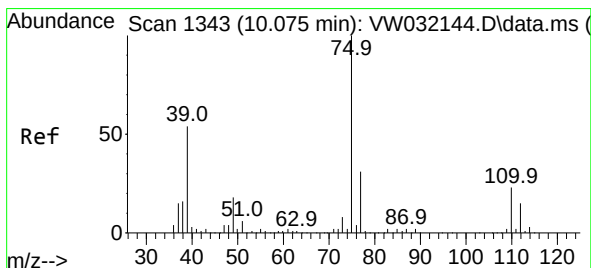
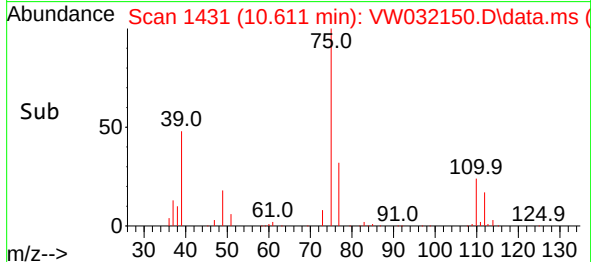
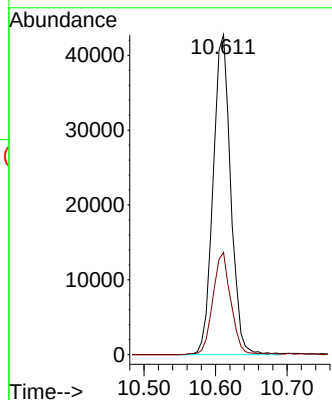
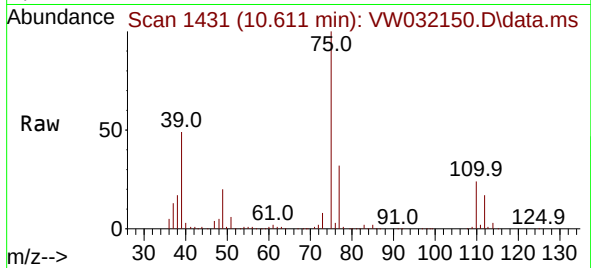




#53
t-1,3-Dichloropropene
Concen: 20.366 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

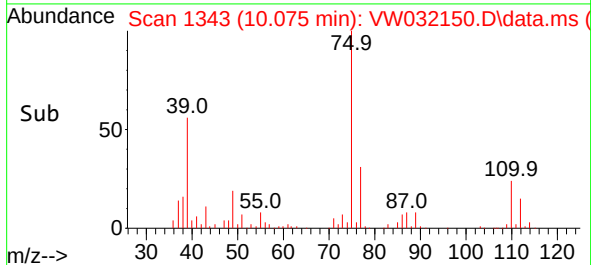
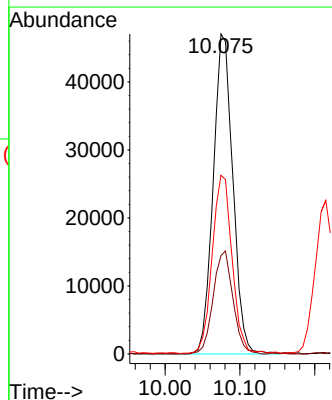
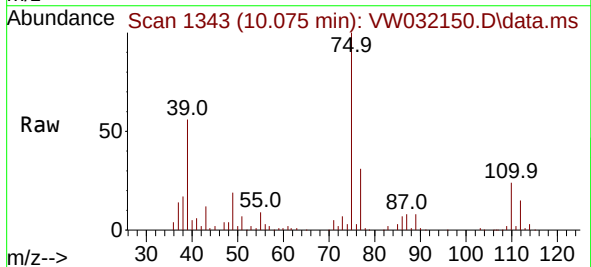
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

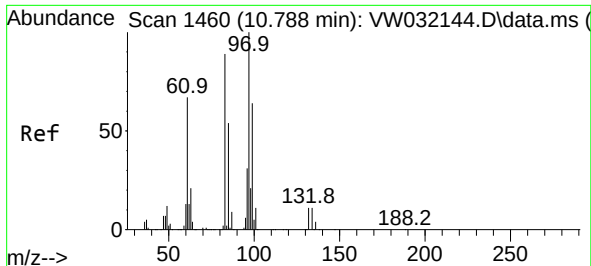
Tgt Ion: 75 Resp: 73072
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 21.017 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 75 Resp: 86043
Ion Ratio Lower Upper
75 100
77 30.6 25.1 37.7
39 55.7 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 20.676 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW032150.D

Acq: 28 Aug 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS01

Tgt Ion: 97 Resp: 48120

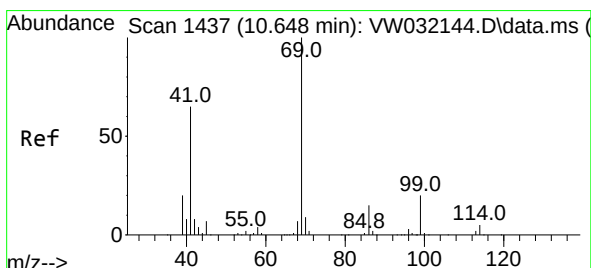
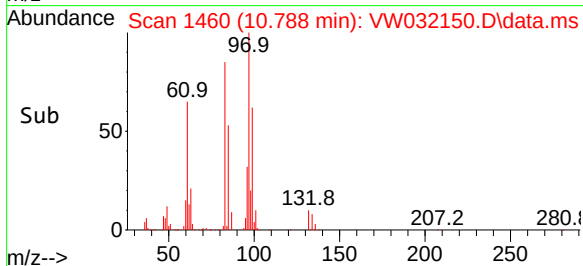
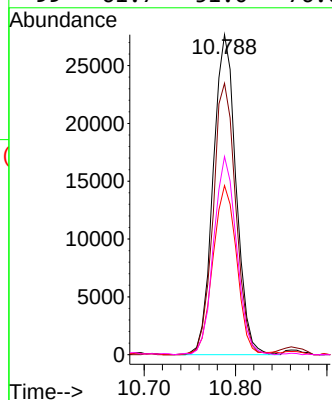
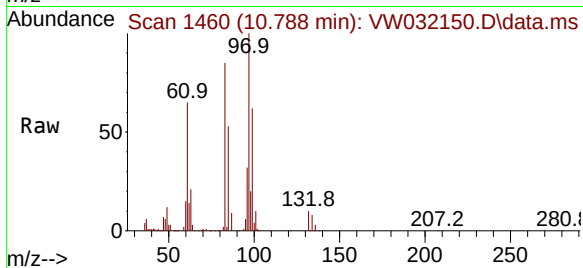
Ion Ratio Lower Upper

97 100

83 84.6 71.0 106.6

85 52.8 42.8 64.2

99 61.7 51.0 76.6



#56

Ethyl methacrylate

Concen: 20.652 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032150.D

Acq: 28 Aug 2025 11:32

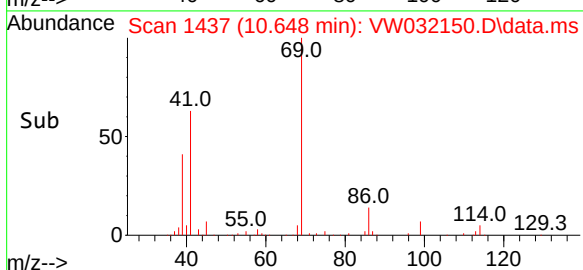
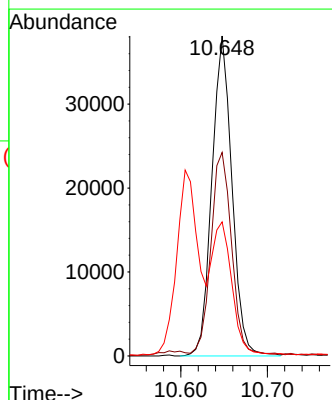
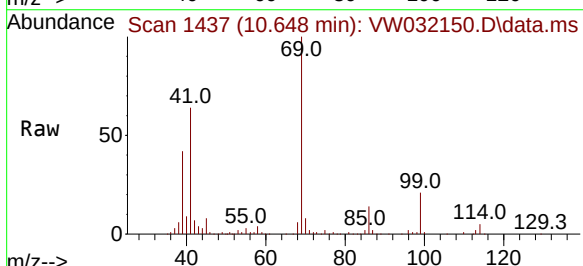
Tgt Ion: 69 Resp: 61449

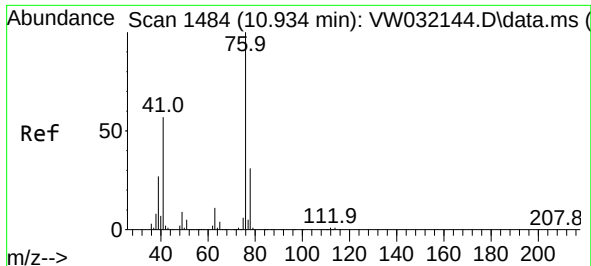
Ion Ratio Lower Upper

69 100

41 65.3 53.2 79.8

39 41.5 32.9 49.3





#57

1,3-Dichloropropane

Concen: 20.413 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032150.D

Acq: 28 Aug 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

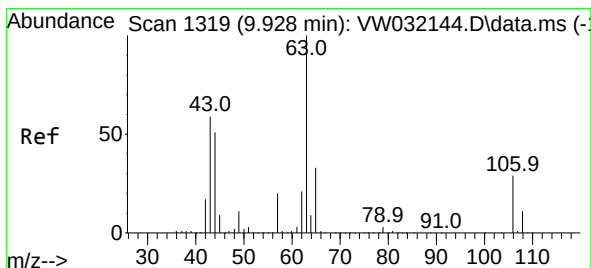
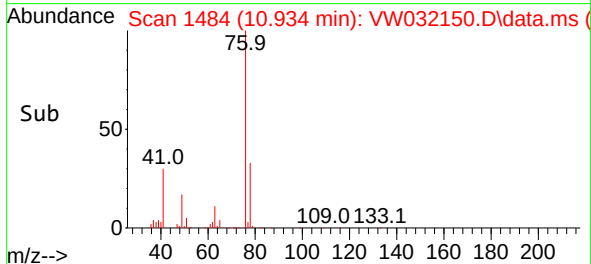
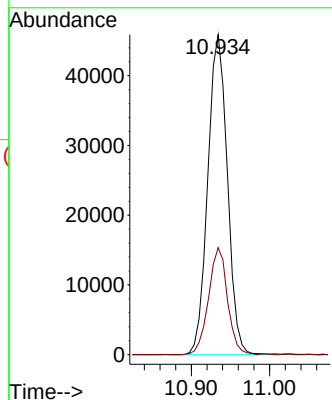
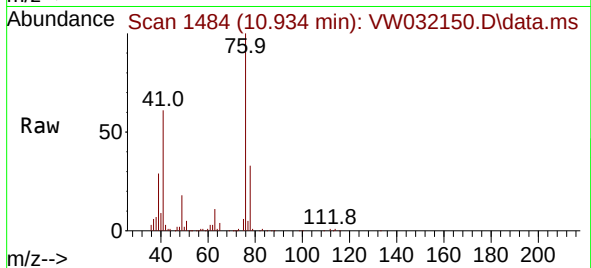
VW0828SBS01

Tgt Ion: 76 Resp: 79548

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 101.669 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032150.D

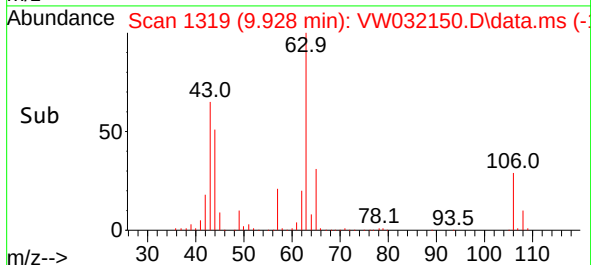
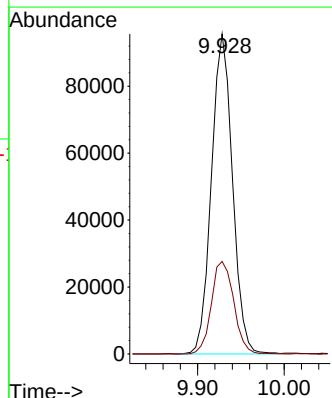
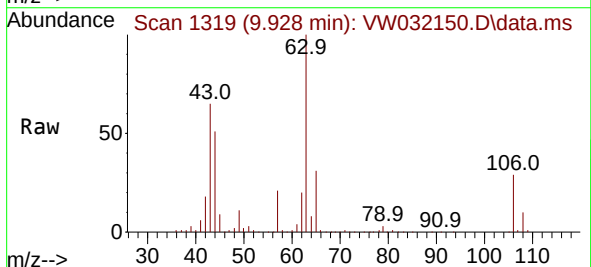
Acq: 28 Aug 2025 11:32

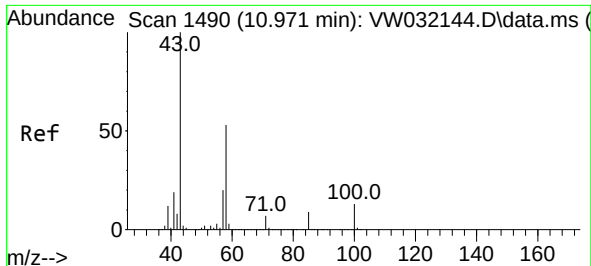
Tgt Ion: 63 Resp: 161464

Ion Ratio Lower Upper

63 100

106 30.7 24.3 36.5

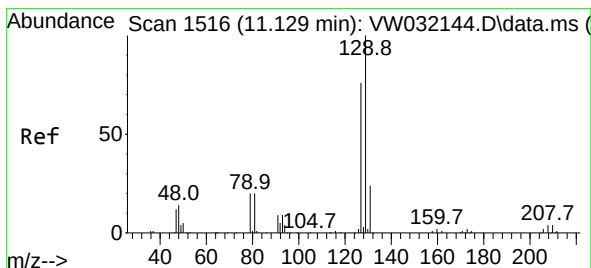
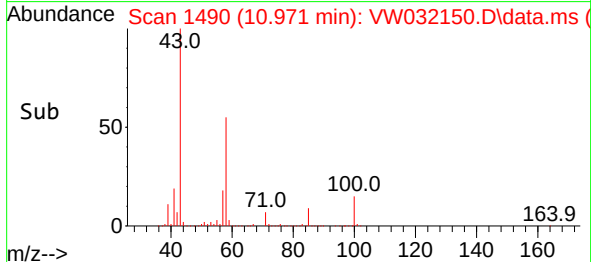
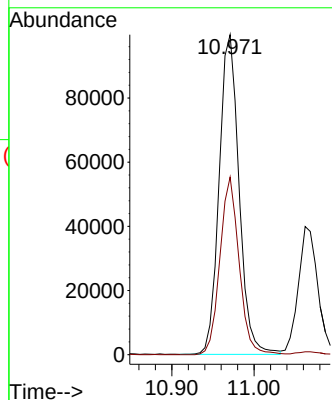
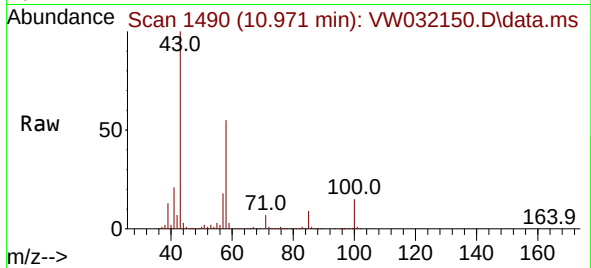




#59
2-Hexanone
Concen: 110.950 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

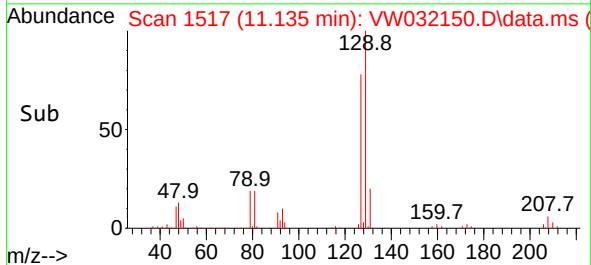
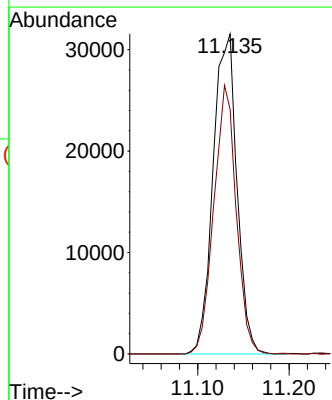
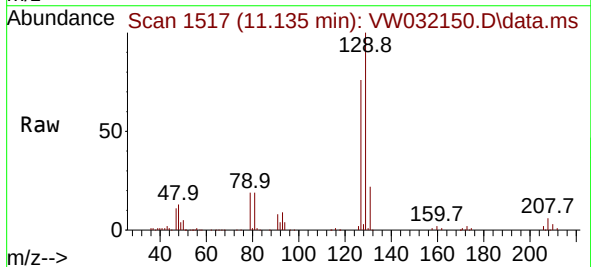
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

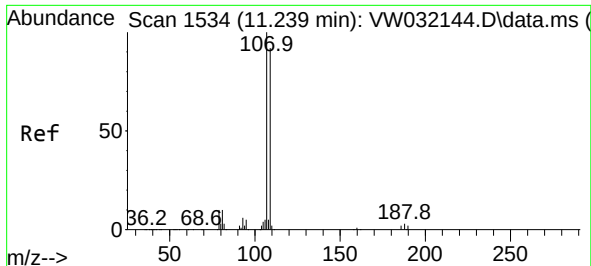
Tgt Ion: 43 Resp: 167911
Ion Ratio Lower Upper
43 100
58 53.6 27.5 82.4



#60
Dibromochloromethane
Concen: 20.277 ug/l
RT: 11.135 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion:129 Resp: 57103
Ion Ratio Lower Upper
129 100
127 79.1 38.1 114.5

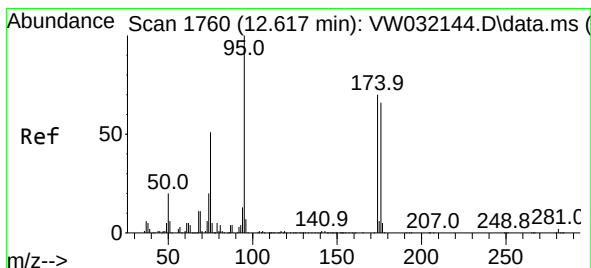
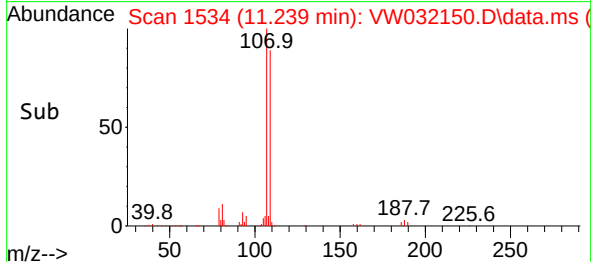
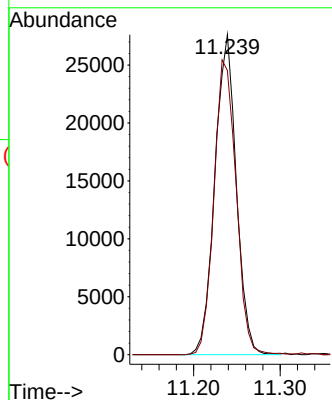
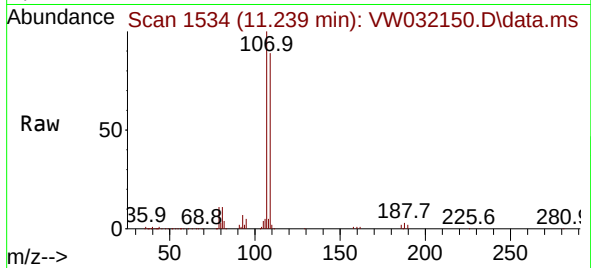




#61
1,2-Dibromoethane
Concen: 20.766 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

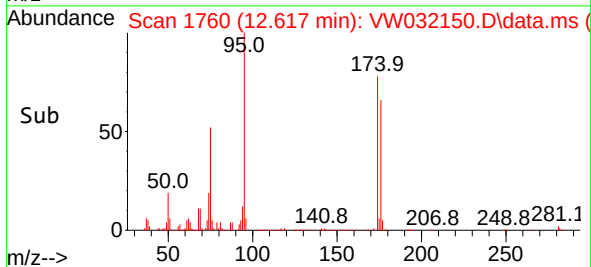
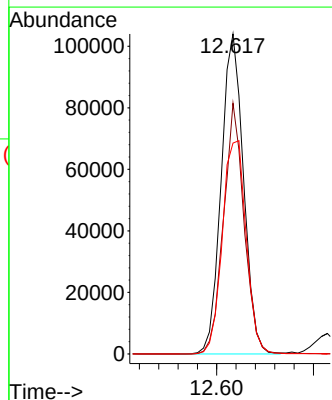
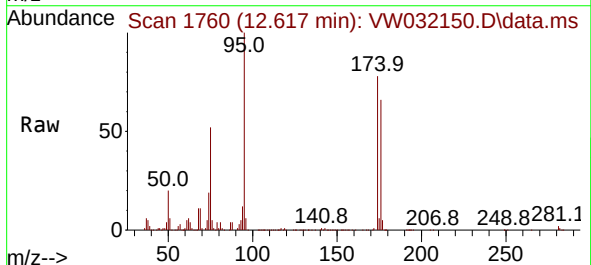
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

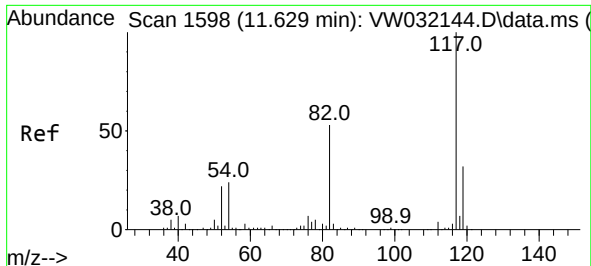
Tgt Ion:107 Resp: 47527
Ion Ratio Lower Upper
107 100
109 95.1 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 48.348 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 95 Resp: 165759
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.6
176 71.7 0.0 140.8

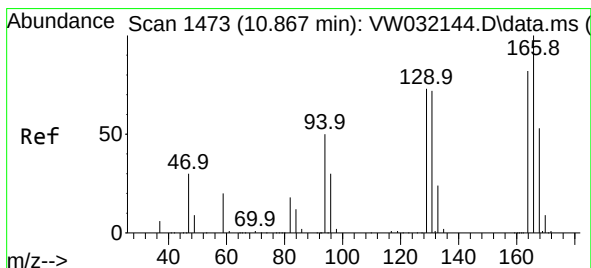
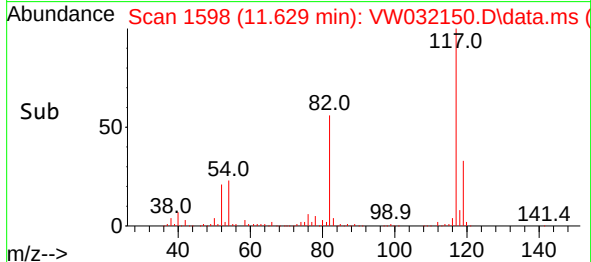
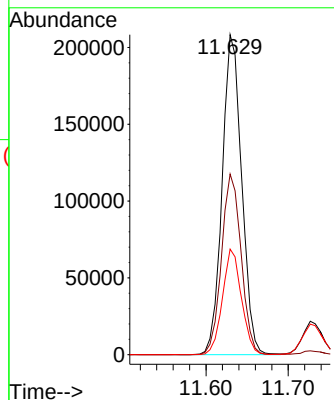
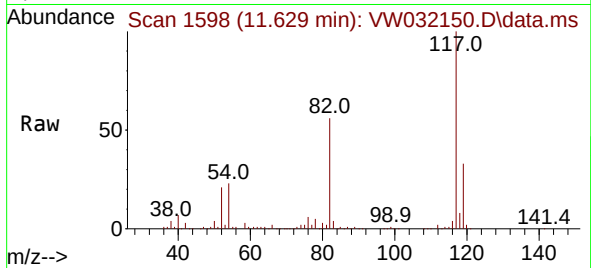




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

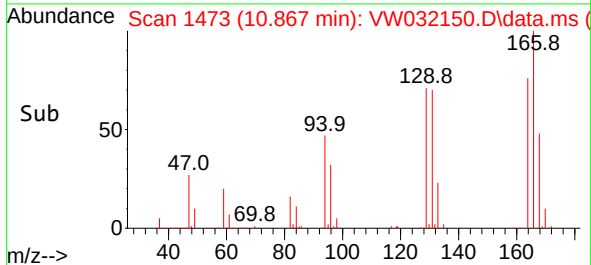
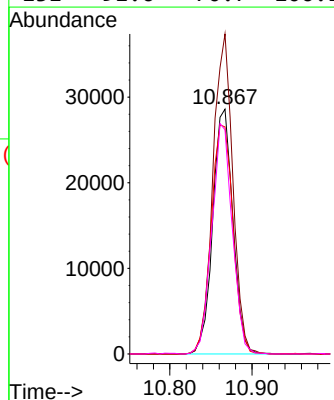
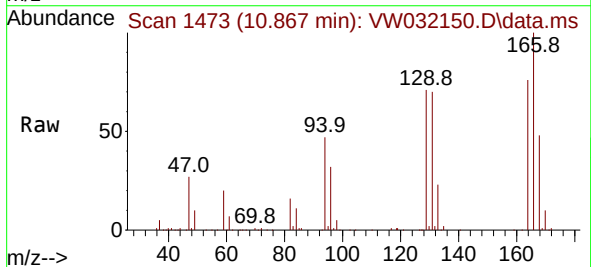
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

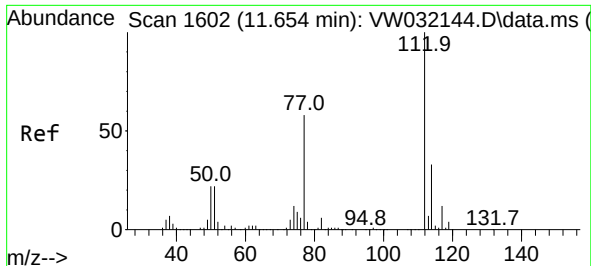
Tgt Ion:117 Resp: 344016
Ion Ratio Lower Upper
117 100
82 56.4 42.7 64.1
119 33.0 25.2 37.8



#64
Tetrachloroethene
Concen: 21.598 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion:164 Resp: 48903
Ion Ratio Lower Upper
164 100
166 130.7 97.5 146.3
129 92.8 71.2 106.8
131 91.6 70.7 106.1

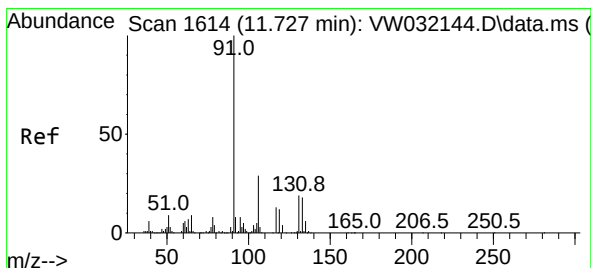
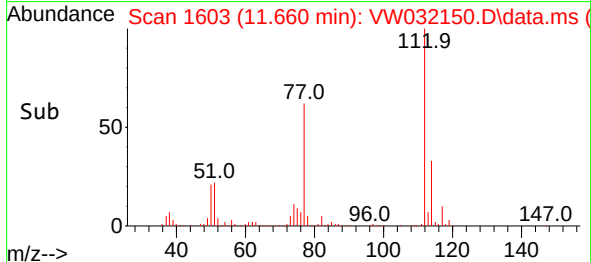
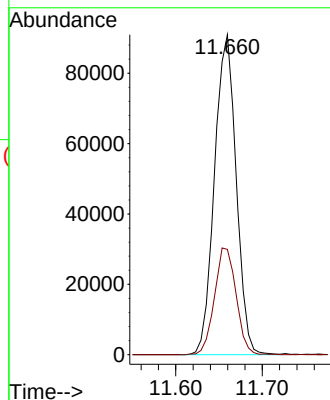
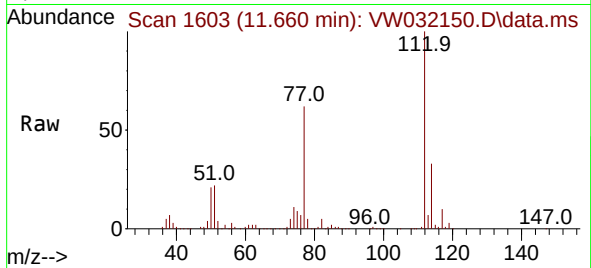




#65
Chlorobenzene
Concen: 20.208 ug/l
RT: 11.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

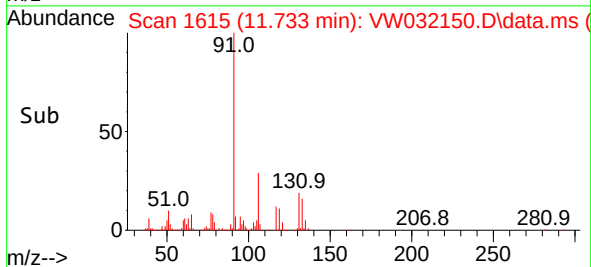
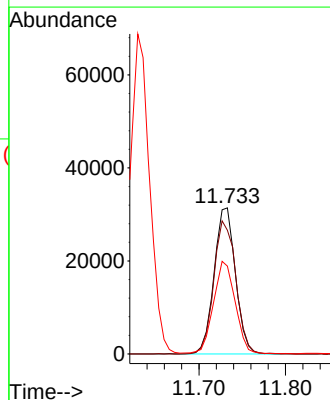
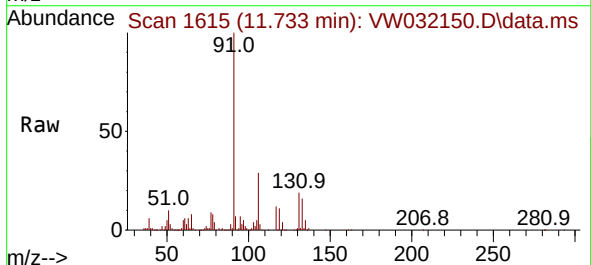
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

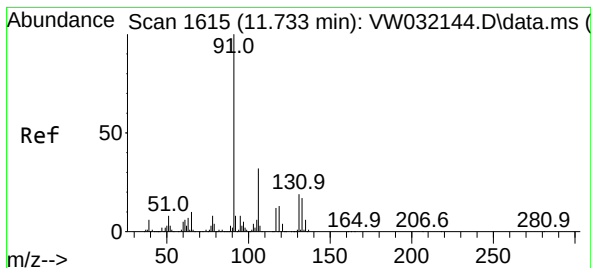
Tgt Ion:112 Resp: 158232
Ion Ratio Lower Upper
112 100
114 32.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.879 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion:131 Resp: 53826
Ion Ratio Lower Upper
131 100
133 94.6 47.7 143.1
119 65.1 32.8 98.3

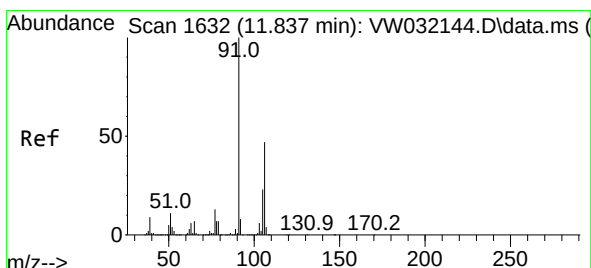
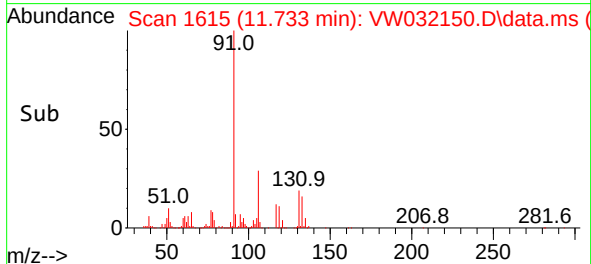
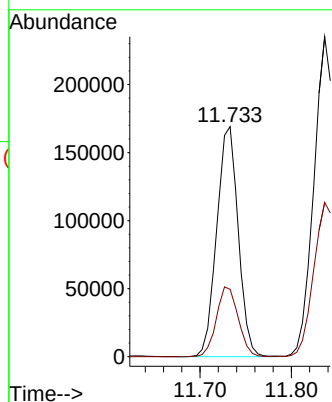
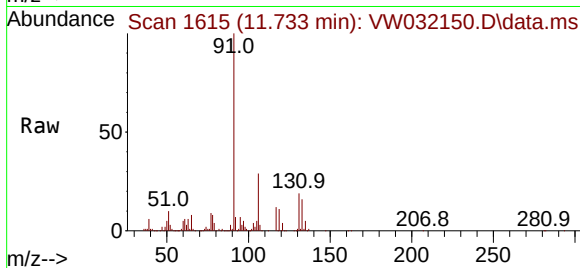




#67
Ethyl Benzene
Concen: 21.552 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

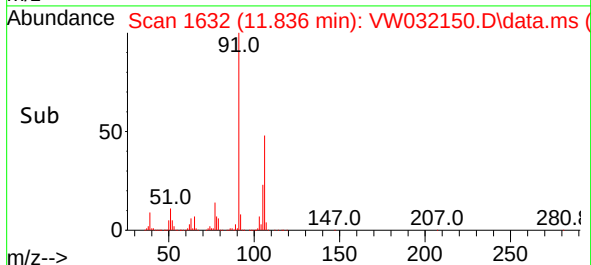
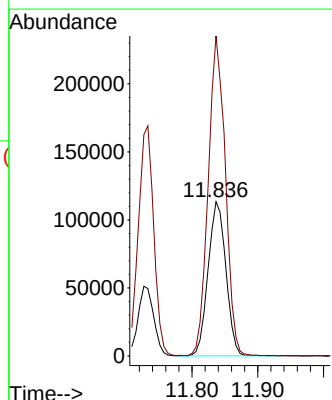
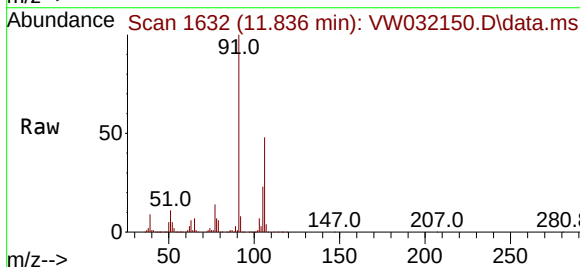
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

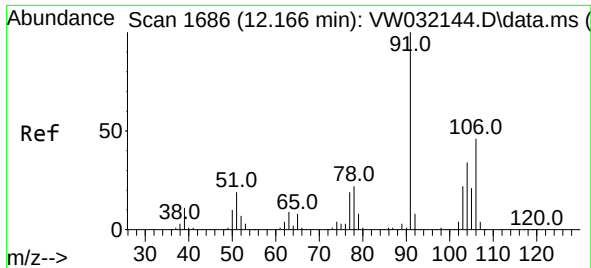
Tgt Ion: 91 Resp: 276497
Ion Ratio Lower Upper
91 100
106 29.3 25.3 37.9



#68
m/p-Xylenes
Concen: 43.181 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion:106 Resp: 213211
Ion Ratio Lower Upper
106 100
91 200.7 164.2 246.2

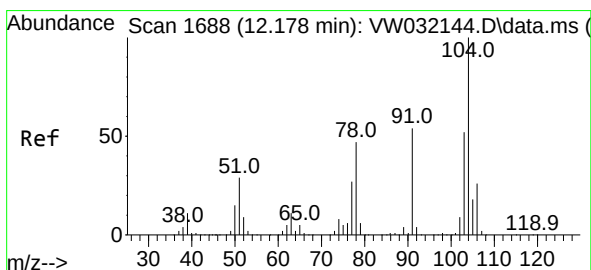
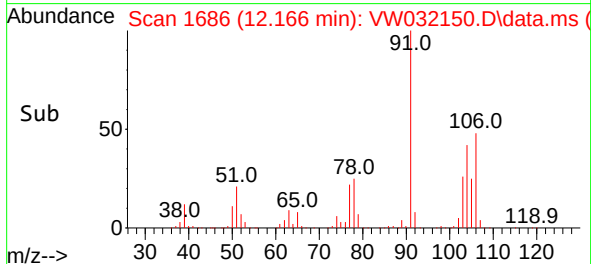
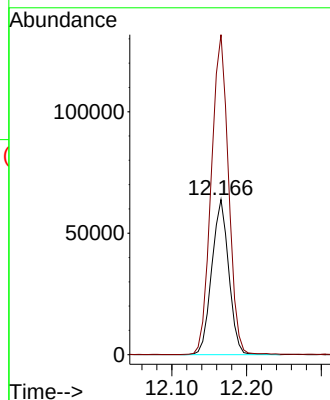
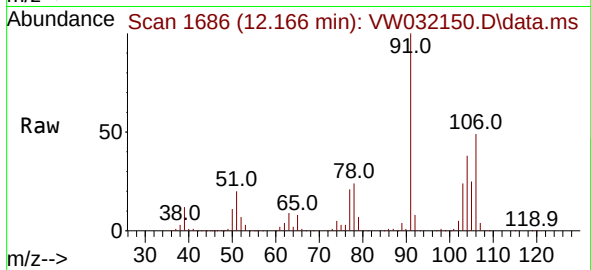




#69
o-Xylene
Concen: 21.534 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

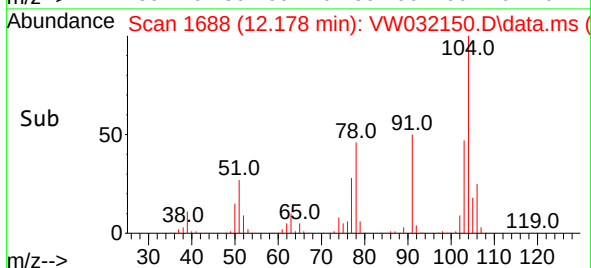
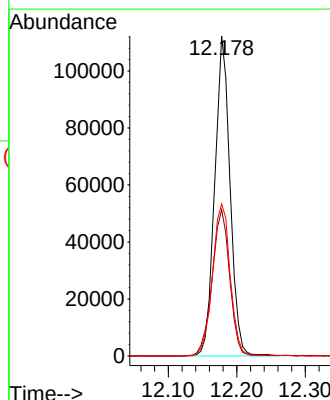
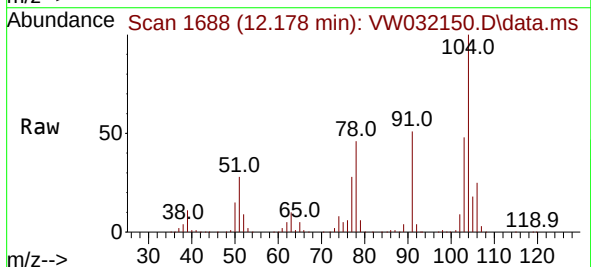
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

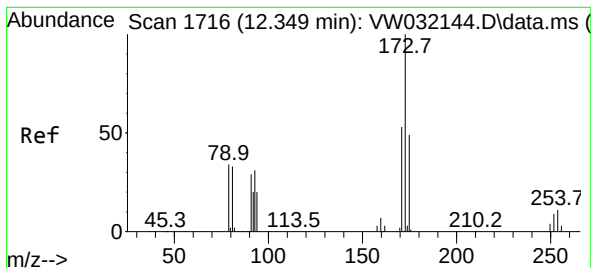
Tgt Ion:106 Resp: 100574
Ion Ratio Lower Upper
106 100
91 210.4 108.7 326.3



#70
Styrene
Concen: 21.232 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion:104 Resp: 174804
Ion Ratio Lower Upper
104 100
78 52.4 41.6 62.4
103 54.8 44.8 67.2





#71

Bromoform

Concen: 21.129 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032150.D

Acq: 28 Aug 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS01

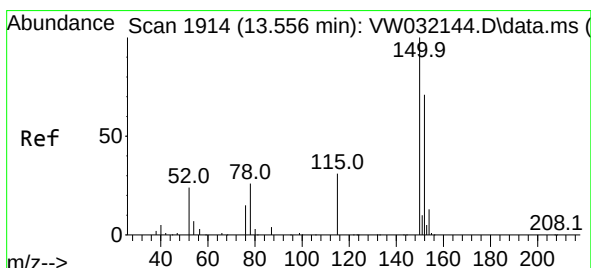
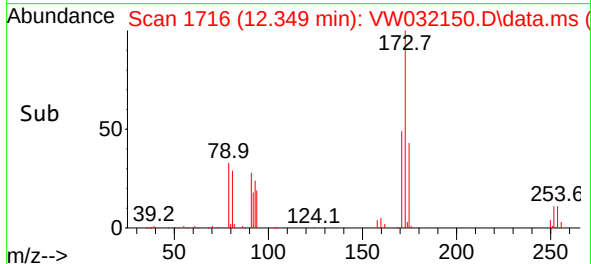
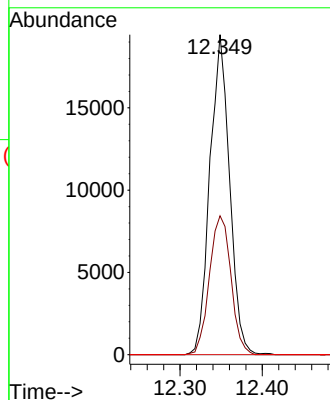
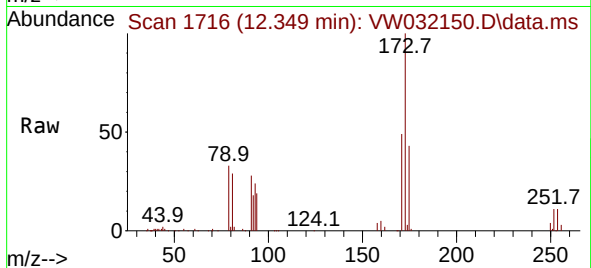
Tgt Ion:173 Resp: 32351

Ion Ratio Lower Upper

173 100

175 47.4 24.9 74.7

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: VW032150.D

Acq: 28 Aug 2025 11:32

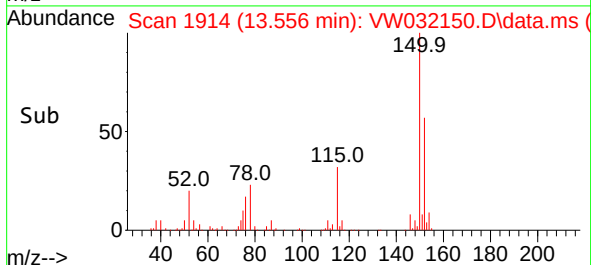
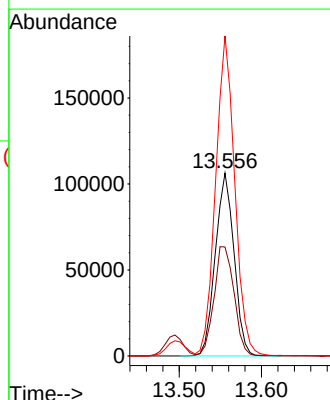
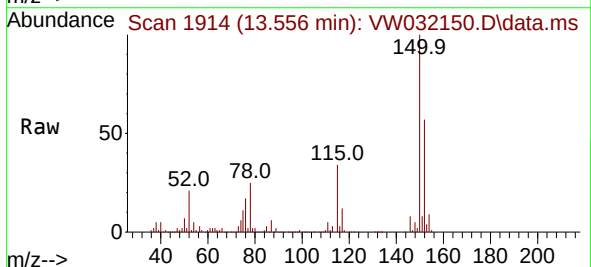
Tgt Ion:152 Resp: 168452

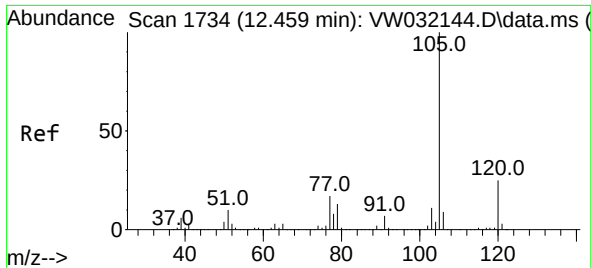
Ion Ratio Lower Upper

152 100

115 63.5 31.8 95.4

150 178.5 0.0 343.0

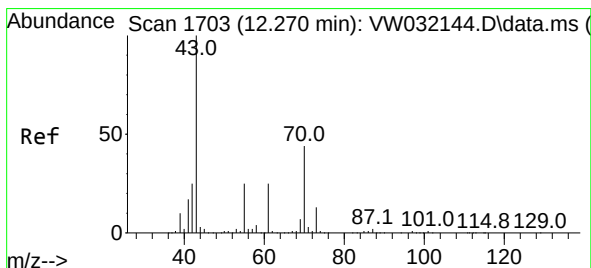
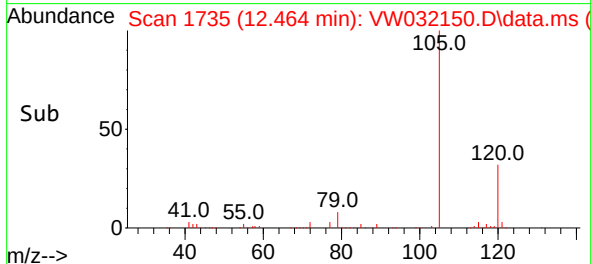
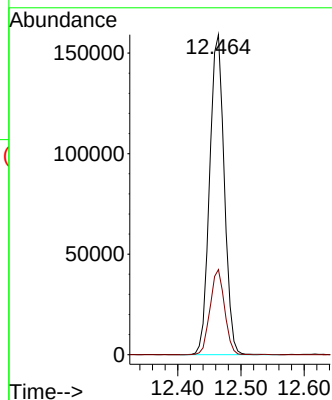
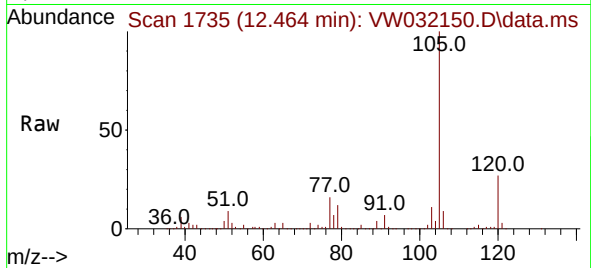




#73
Isopropylbenzene
Concen: 22.374 ug/l
RT: 12.464 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

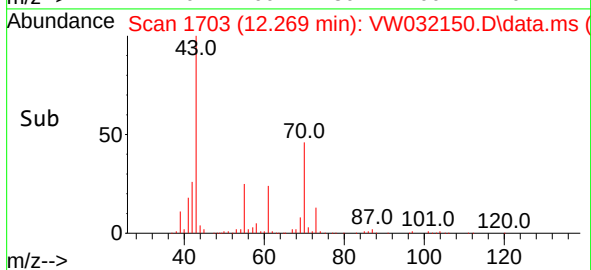
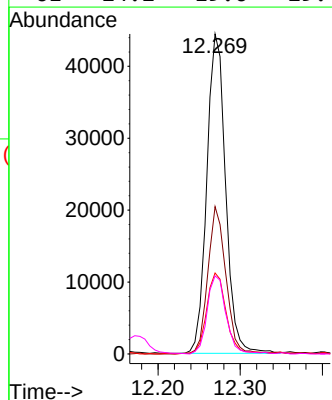
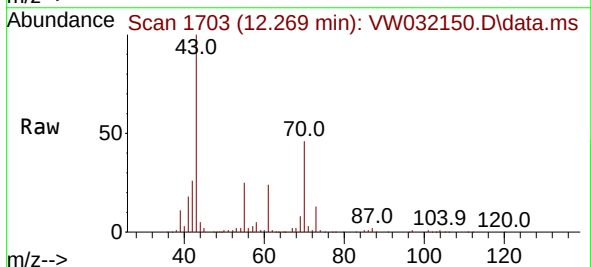
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

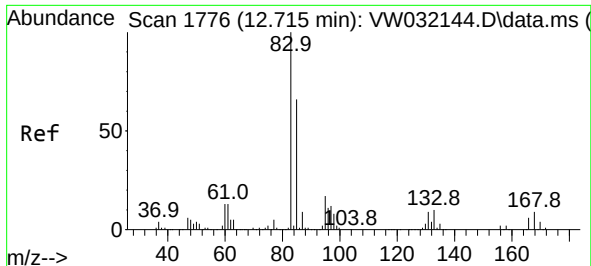
Tgt Ion:105 Resp: 256051
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9



#74
N-ethyl acetate
Concen: 21.254 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 43 Resp: 70617
Ion Ratio Lower Upper
43 100
70 44.5 35.3 52.9
55 26.5 19.9 29.9
61 24.2 19.6 29.4

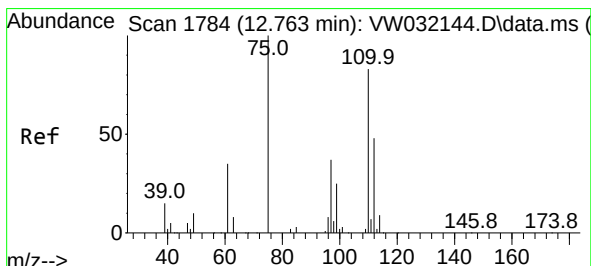
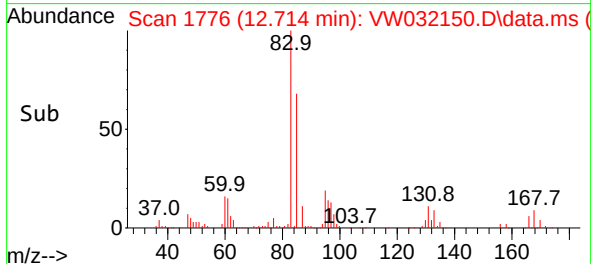
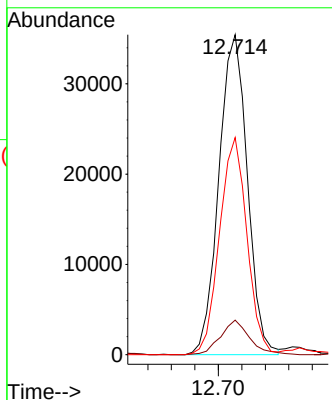
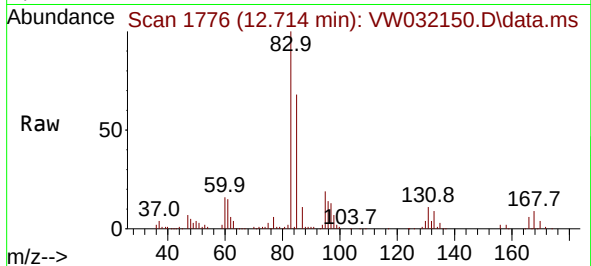




#75
1,1,2,2-Tetrachloroethane
Concen: 21.968 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

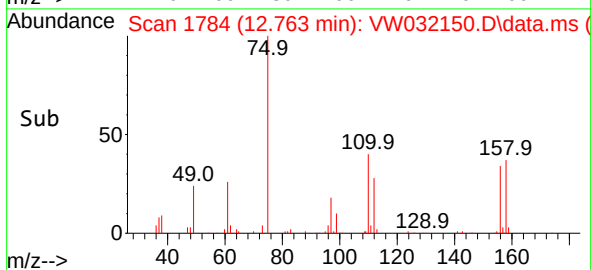
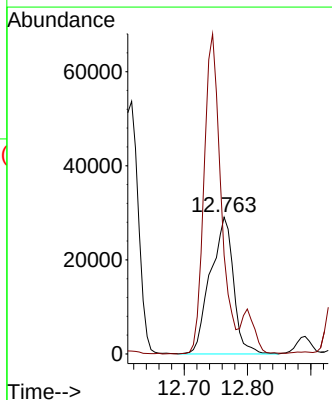
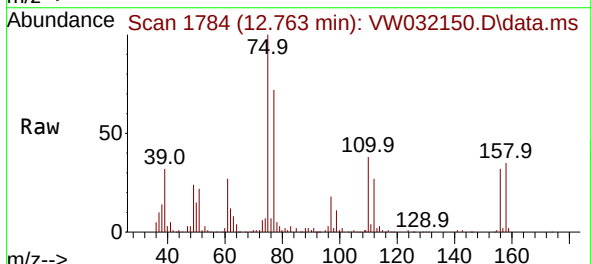
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

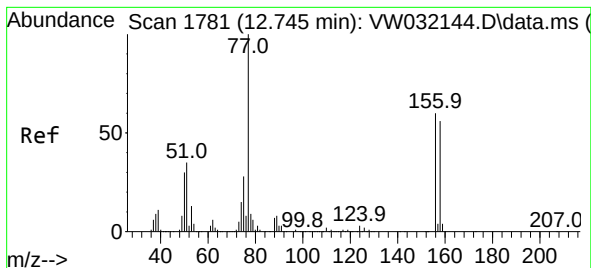
Tgt Ion:	83	Resp:	59747
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.1	15.4
85	65.3	32.2	96.6



#76
1,2,3-Trichloropropane
Concen: 34.969 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion:	75	Resp:	73797
Ion	Ratio	Lower	Upper
75	100		
77	171.3	141.7	425.1

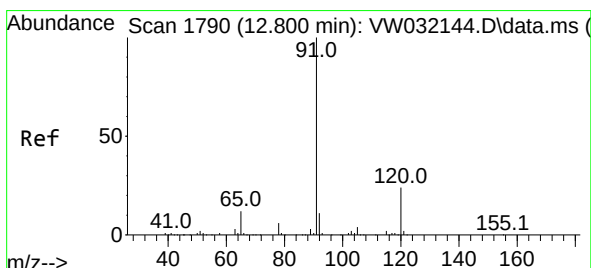
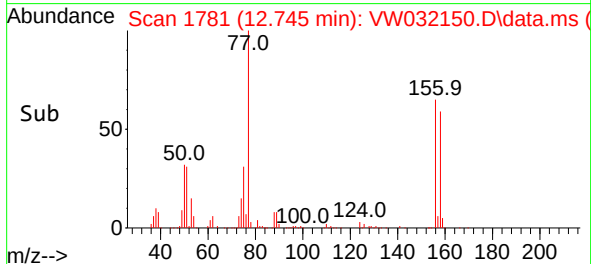
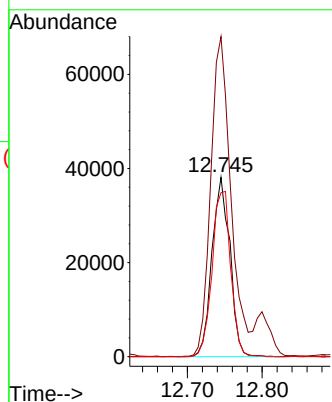
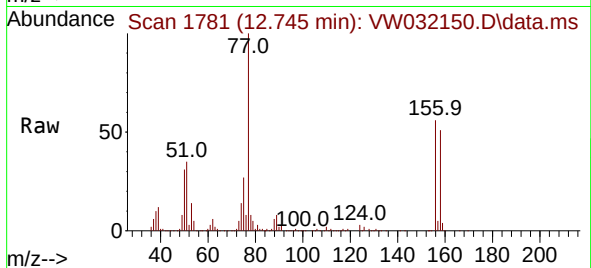




#77
Bromobenzene
Concen: 21.795 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

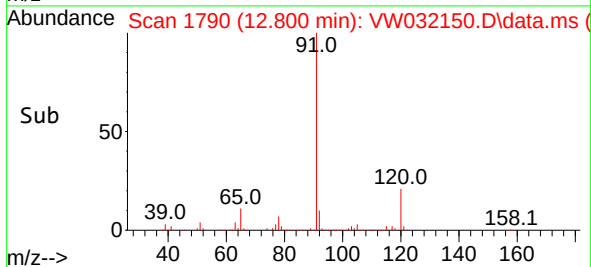
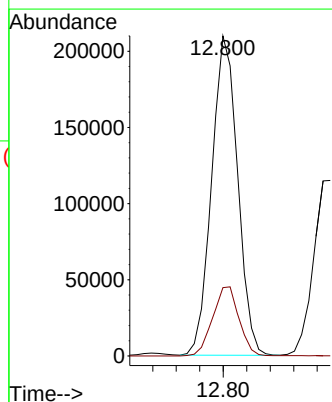
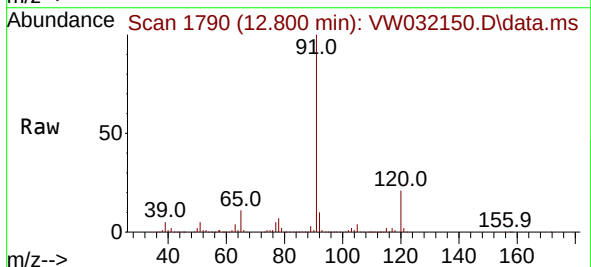
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

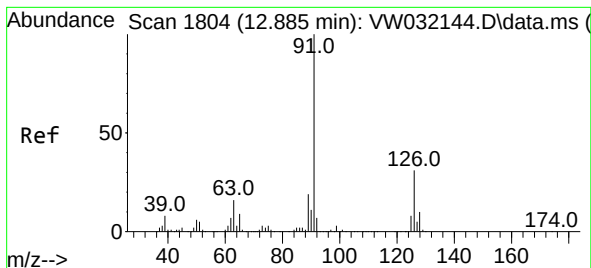
Tgt Ion:156 Resp: 63605
Ion Ratio Lower Upper
156 100
77 198.8 98.6 295.7
158 95.8 48.4 145.0



#78
n-propylbenzene
Concen: 23.190 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 91 Resp: 322200
Ion Ratio Lower Upper
91 100
120 22.1 11.8 35.4





#79

2-Chlorotoluene

Concen: 22.731 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032150.D

Acq: 28 Aug 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

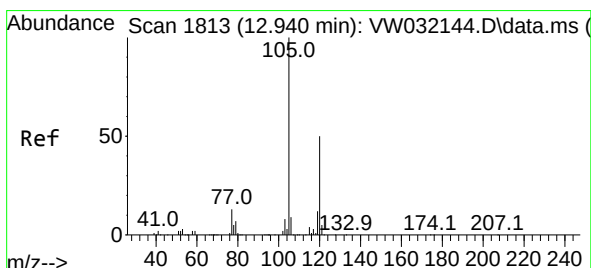
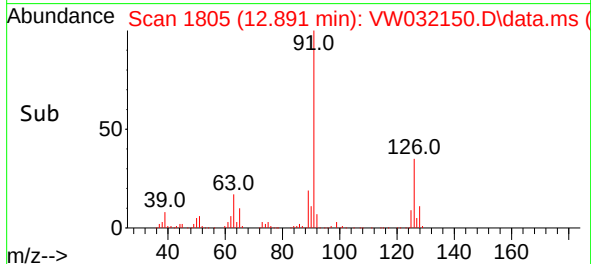
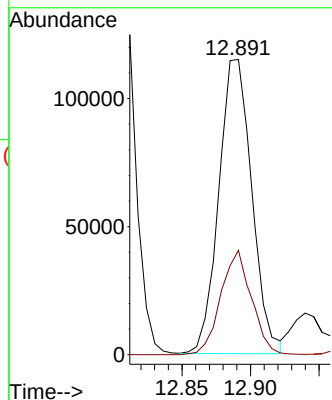
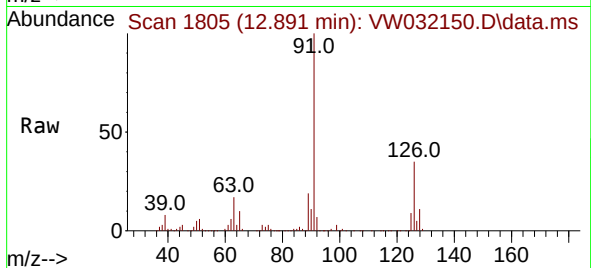
VW0828SBS01

Tgt Ion: 91 Resp: 193123

Ion Ratio Lower Upper

91 100

126 32.9 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 22.830 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032150.D

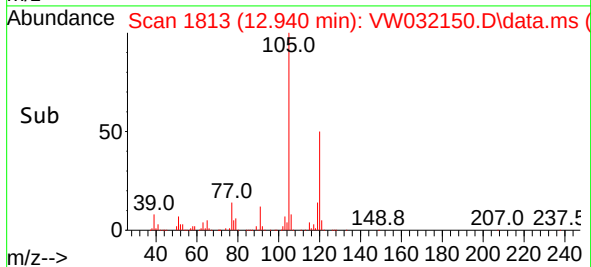
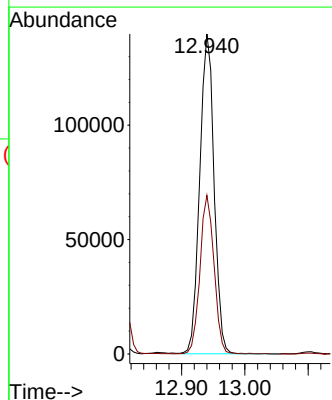
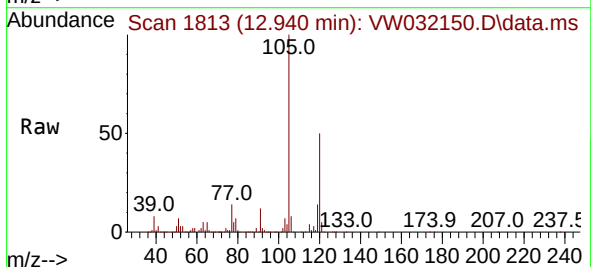
Acq: 28 Aug 2025 11:32

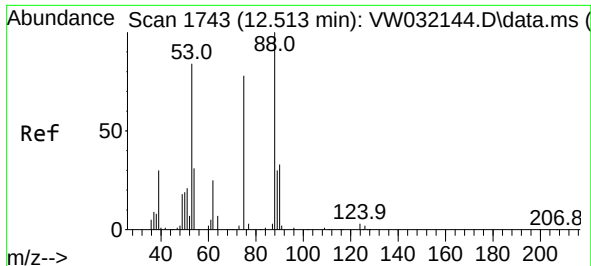
Tgt Ion:105 Resp: 221201

Ion Ratio Lower Upper

105 100

120 48.5 24.8 74.4

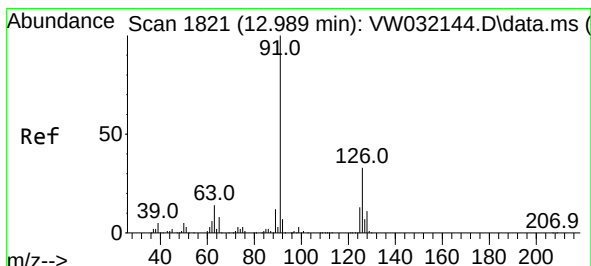
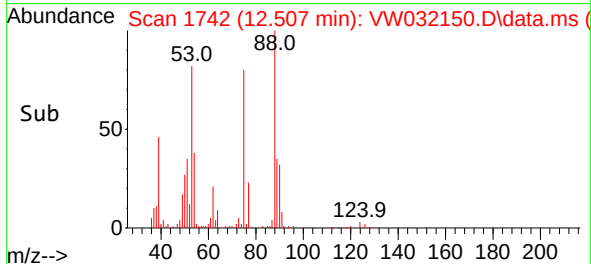
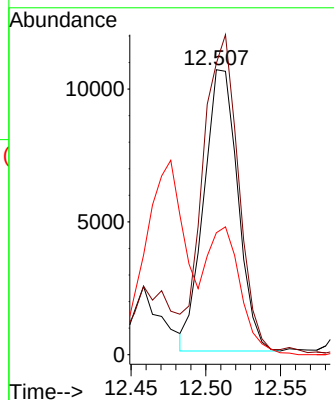
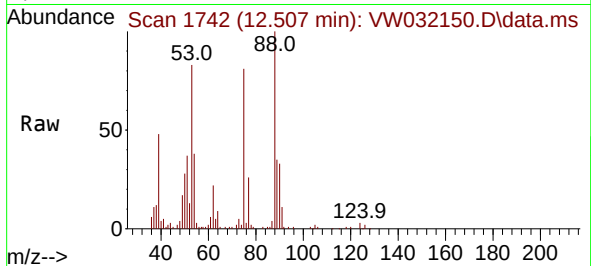




#81
trans-1,4-Dichloro-2-butene
Concen: 21.411 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

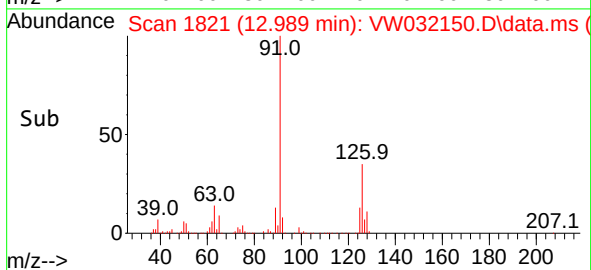
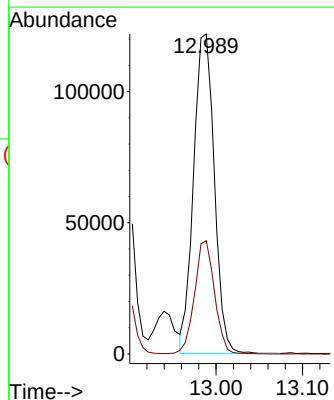
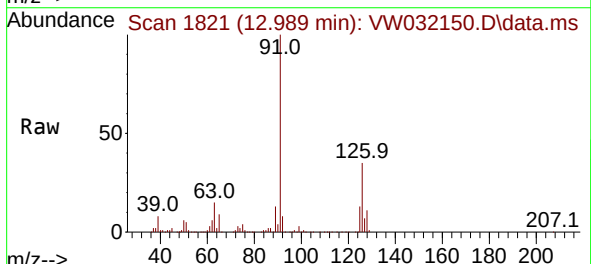
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

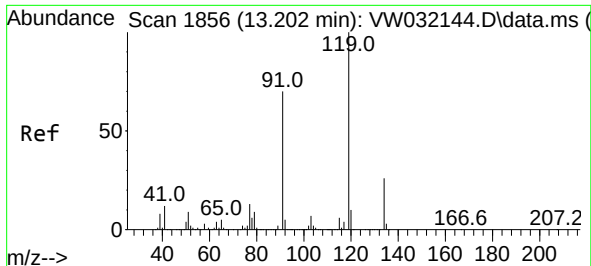
Tgt Ion: 75 Resp: 16782
Ion Ratio Lower Upper
75 100
53 118.9 91.0 136.6
89 44.4 39.4 59.2



#82
4-Chlorotoluene
Concen: 22.264 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 91 Resp: 202480
Ion Ratio Lower Upper
91 100
126 34.3 16.1 48.2

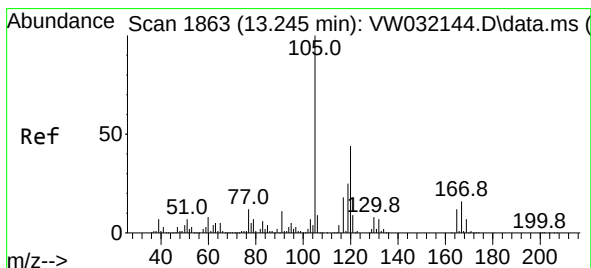
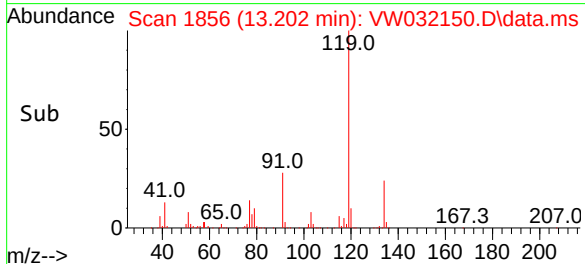
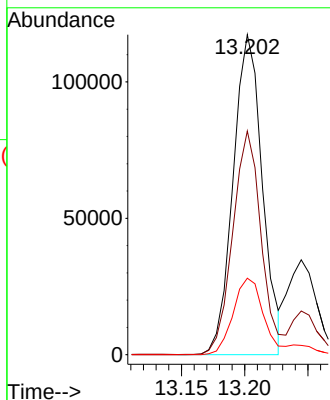
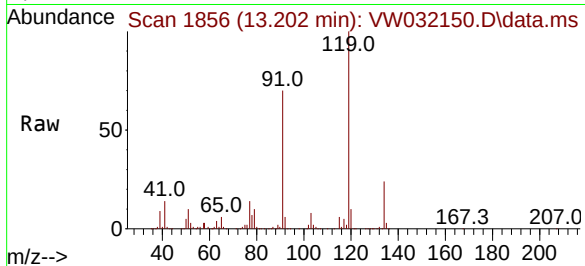




#83
tert-Butylbenzene
Concen: 22.966 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

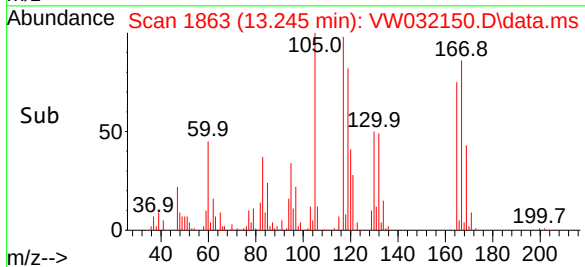
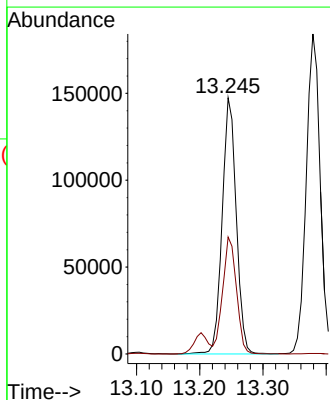
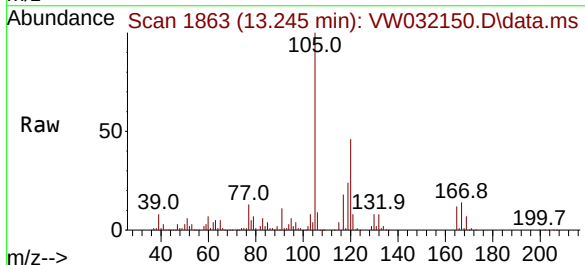
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

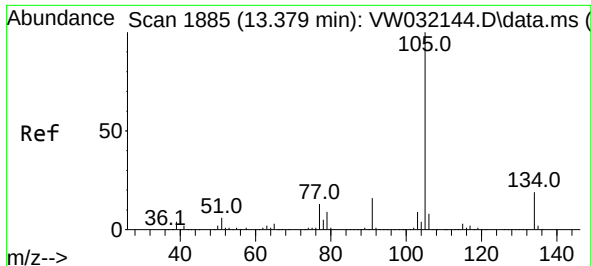
Tgt Ion:119 Resp: 188675
Ion Ratio Lower Upper
119 100
91 68.6 33.8 101.3
134 24.8 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 22.653 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion:105 Resp: 227082
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.3

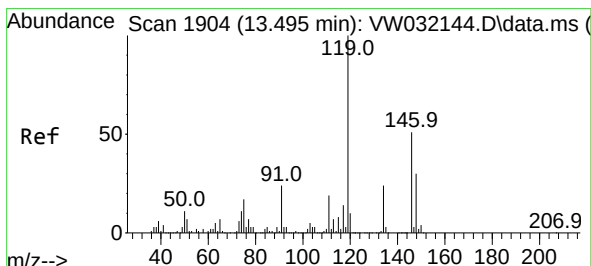
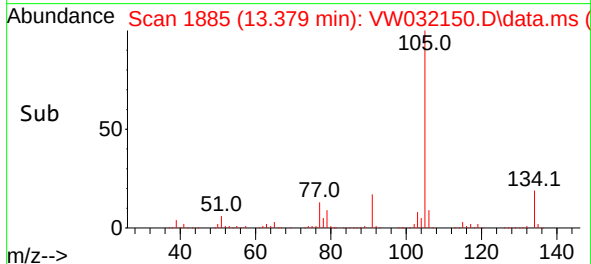
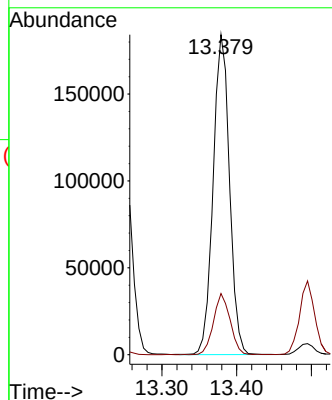
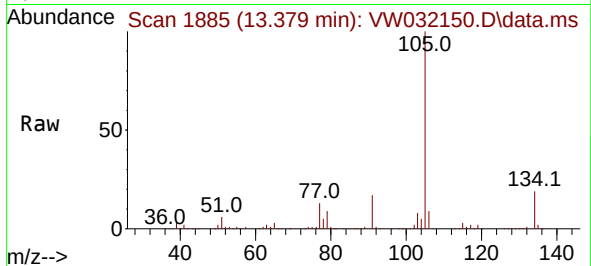




#85
 sec-Butylbenzene
 Concen: 22.885 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032150.D
 Acq: 28 Aug 2025 11:32

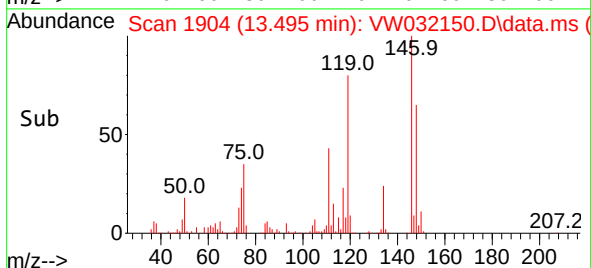
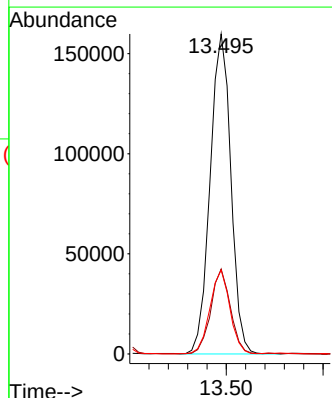
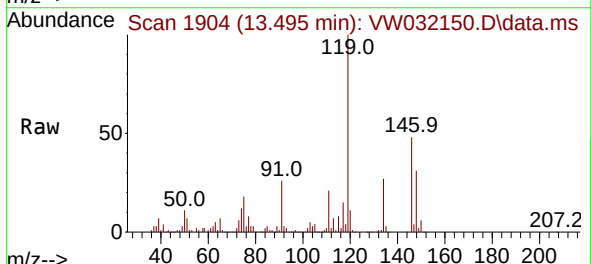
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS01

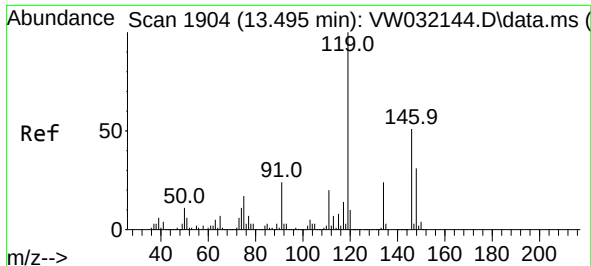
Tgt Ion:105 Resp: 280705
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 22.845 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032150.D
 Acq: 28 Aug 2025 11:32

Tgt Ion:119 Resp: 238295
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.6
 91 25.1 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 21.965 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032150.D

Acq: 28 Aug 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS01

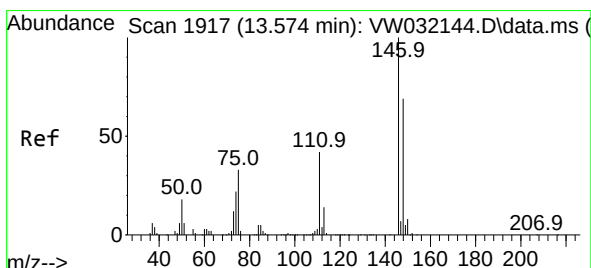
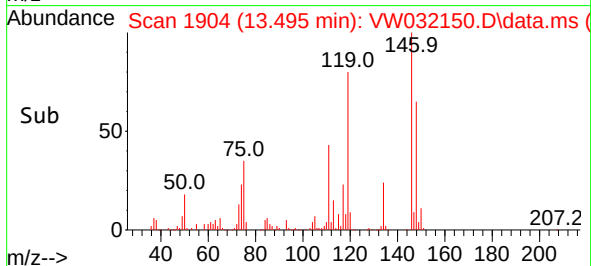
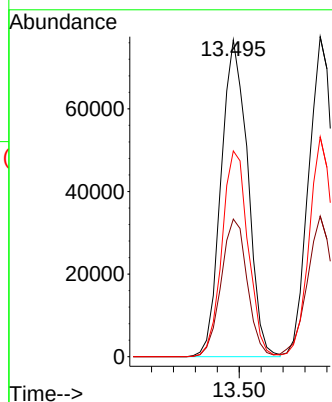
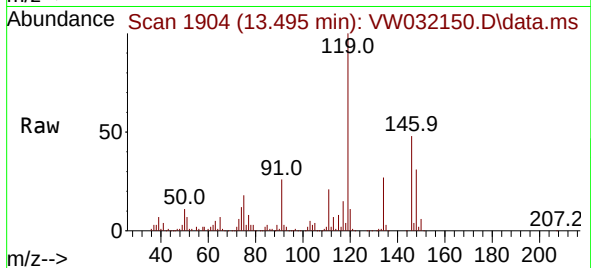
Tgt Ion:146 Resp: 129065

Ion Ratio Lower Upper

146 100

111 42.7 20.6 61.9

148 63.8 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 21.031 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032150.D

Acq: 28 Aug 2025 11:32

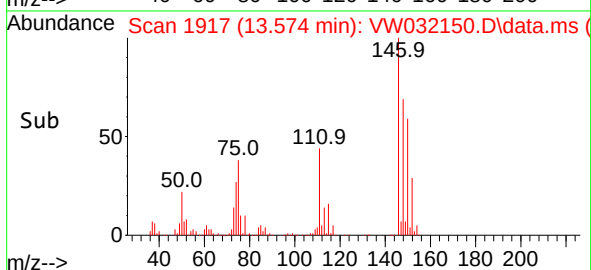
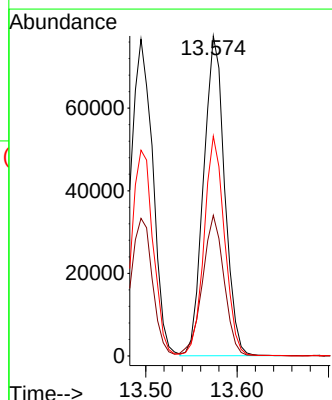
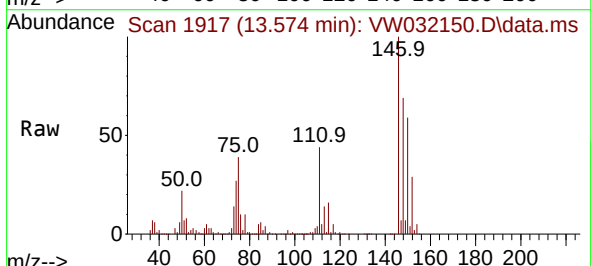
Tgt Ion:146 Resp: 123868

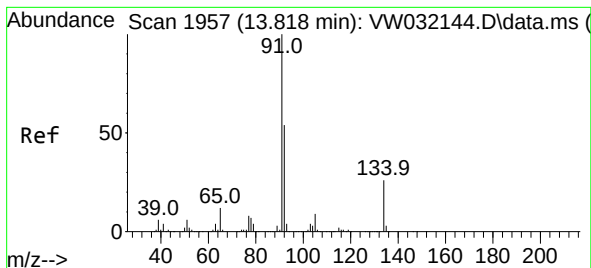
Ion Ratio Lower Upper

146 100

111 44.8 21.3 63.7

148 67.2 33.4 100.1





#89

n-Butylbenzene

Concen: 22.633 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032150.D

Acq: 28 Aug 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS01

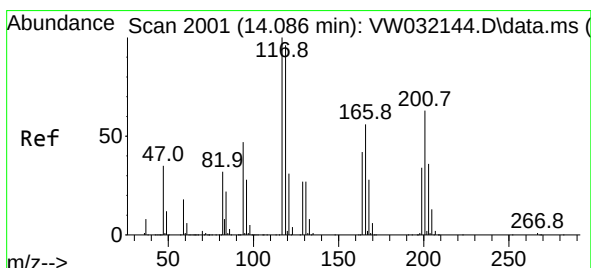
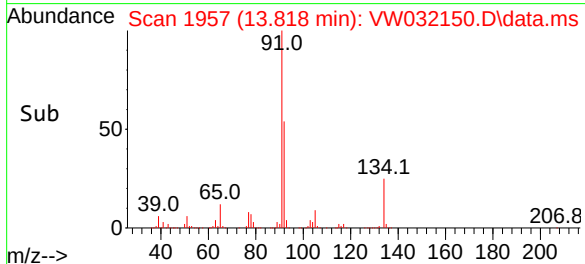
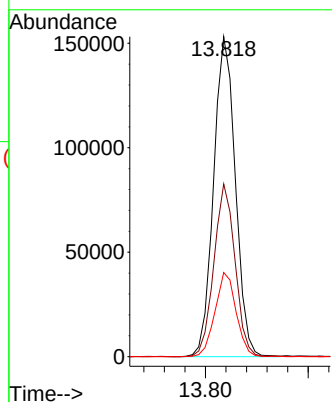
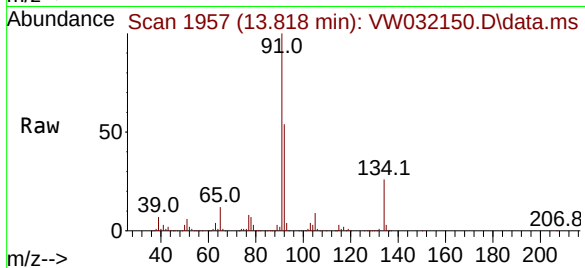
Tgt Ion: 91 Resp: 225088

Ion Ratio Lower Upper

91 100

92 52.5 27.0 81.0

134 25.6 13.1 39.3



#90

Hexachloroethane

Concen: 21.588 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032150.D

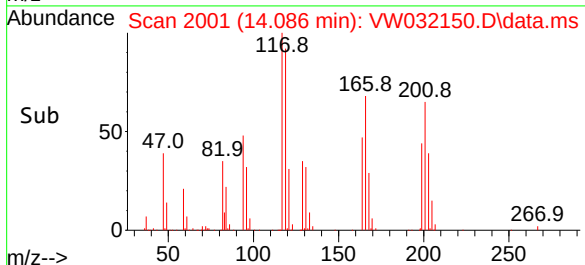
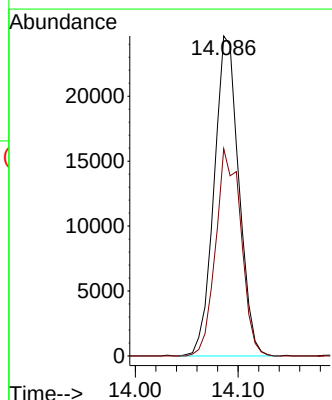
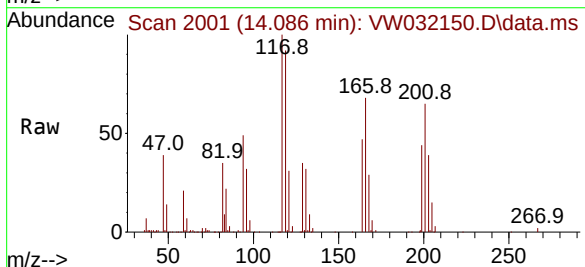
Acq: 28 Aug 2025 11:32

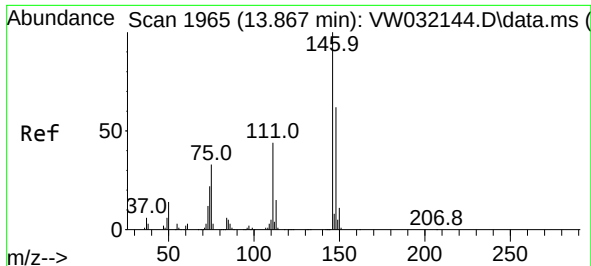
Tgt Ion: 117 Resp: 41189

Ion Ratio Lower Upper

117 100

201 66.0 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 23.339 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032150.D

Acq: 28 Aug 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS01

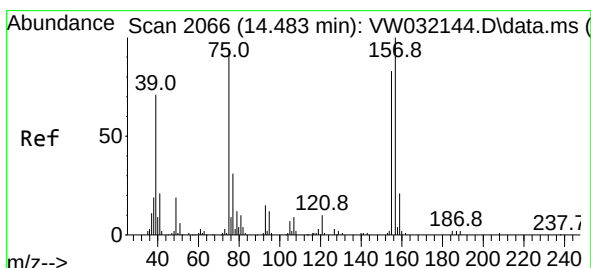
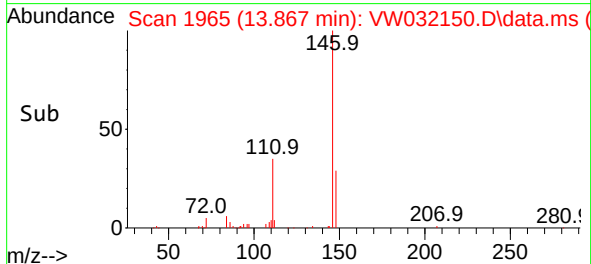
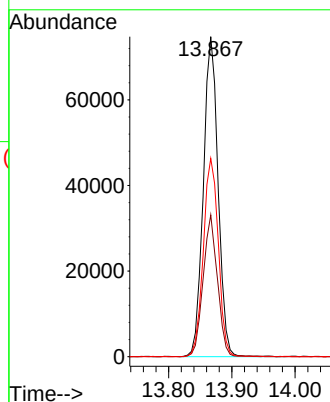
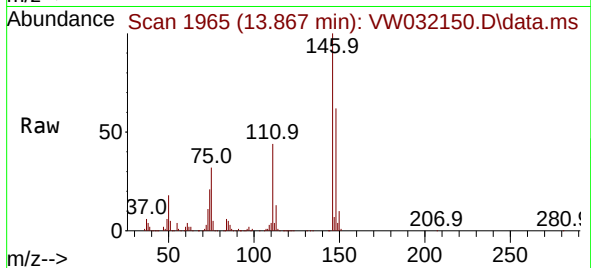
Tgt Ion:146 Resp: 121420

Ion Ratio Lower Upper

146 100

111 43.0 23.4 70.0

148 62.8 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.056 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW032150.D

Acq: 28 Aug 2025 11:32

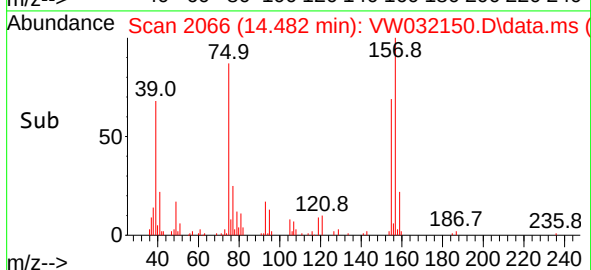
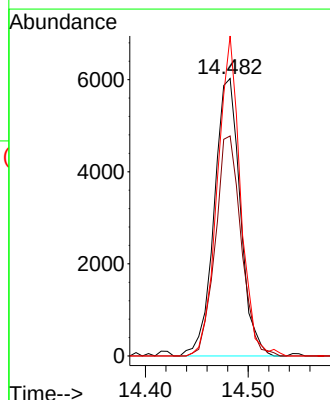
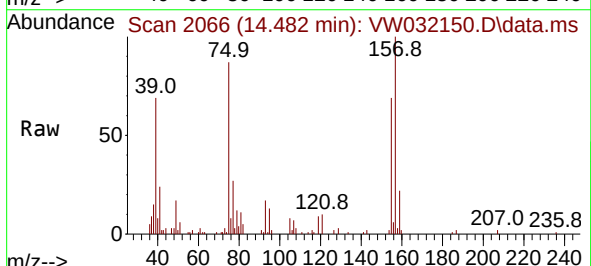
Tgt Ion: 75 Resp: 10597

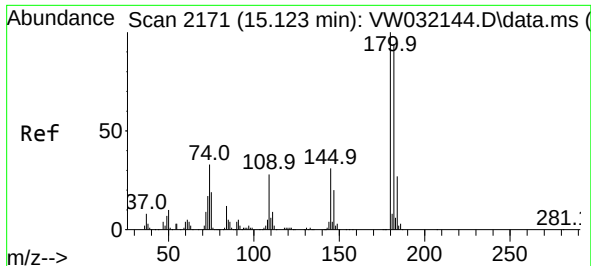
Ion Ratio Lower Upper

75 100

155 78.8 40.8 122.5

157 101.8 51.8 155.4

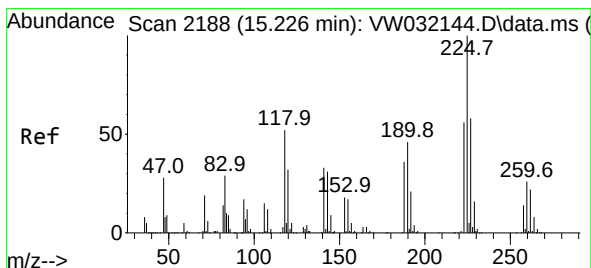
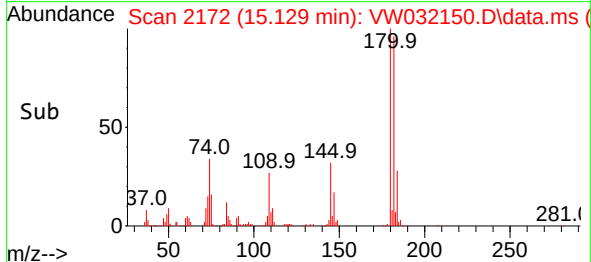
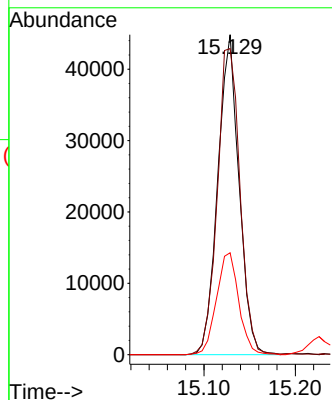
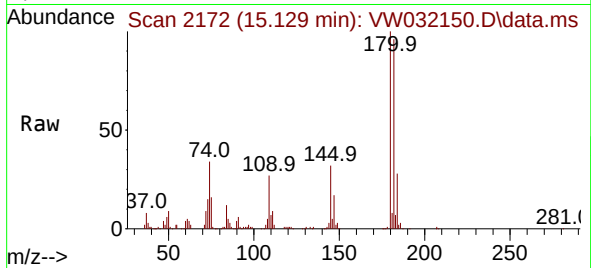




#93
1,2,4-Trichlorobenzene
Concen: 21.746 ug/l
RT: 15.129 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

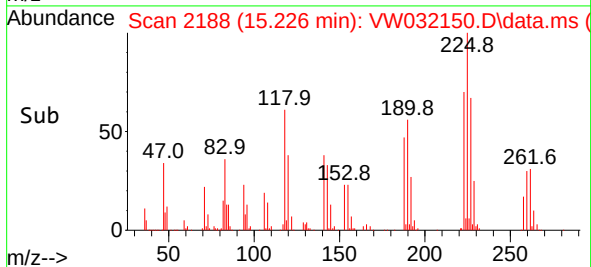
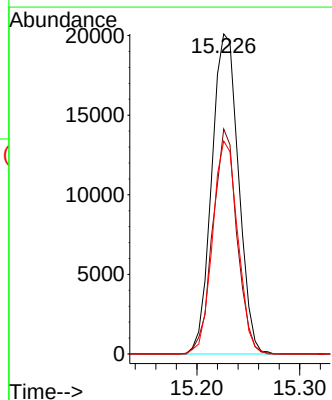
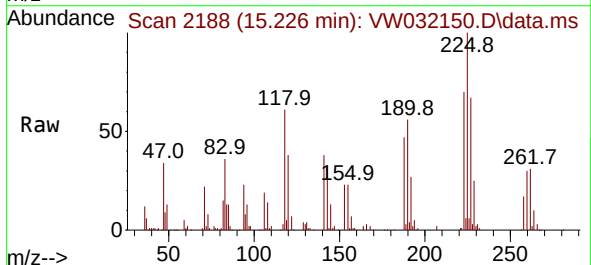
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

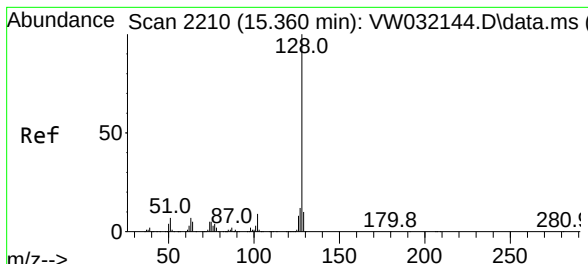
Tgt Ion:180 Resp: 72282
Ion Ratio Lower Upper
180 100
182 102.5 47.4 142.2
145 33.5 16.4 49.1



#94
Hexachlorobutadiene
Concen: 22.038 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW032150.D
Acq: 28 Aug 2025 11:32

Tgt Ion:225 Resp: 36329
Ion Ratio Lower Upper
225 100
223 63.6 29.8 89.3
227 62.7 30.5 91.5



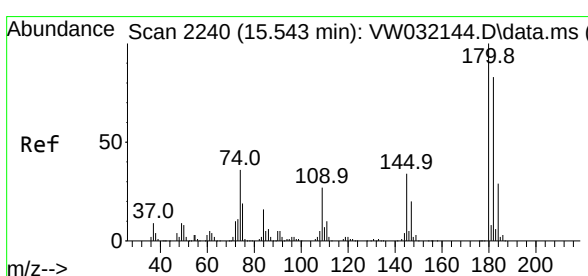
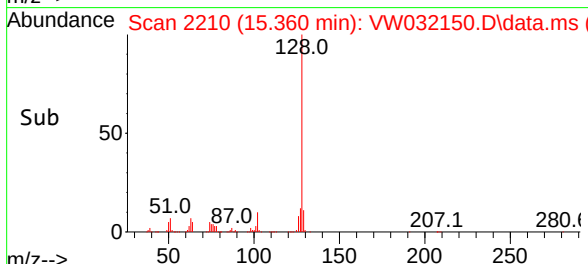
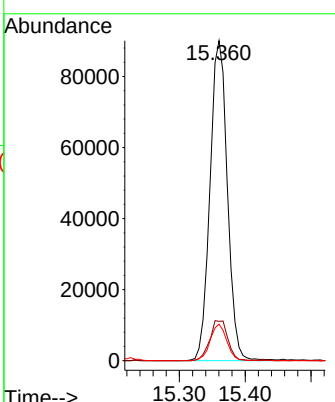
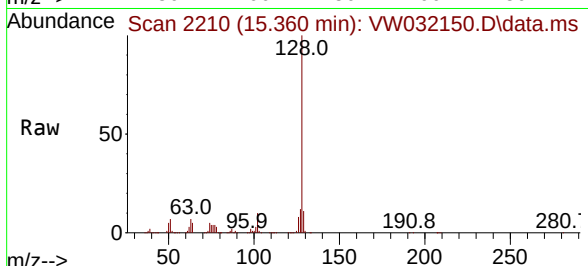


#95
 Naphthalene
 Concen: 22.029 ug/l
 RT: 15.360 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032150.D
 Acq: 28 Aug 2025 11:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS01

Tgt Ion:128 Resp: 165712

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.9	8.4	12.6



#96
 1,2,3-Trichlorobenzene
 Concen: 22.157 ug/l
 RT: 15.555 min Scan# 2242
 Delta R.T. 0.012 min
 Lab File: VW032150.D
 Acq: 28 Aug 2025 11:32

Tgt Ion:180 Resp: 68491

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.7	143.1
145	34.0	17.2	51.6

