

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082825\
 Data File : VW032149.D
 Acq On : 28 Aug 2025 11:10
 Operator : SY/MD
 Sample : VW0828SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBL01

Quant Time: Aug 29 01:15:51 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	228157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	381987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	346227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	175660	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.313	65	146968	45.042	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	90.080%
35) Dibromofluoromethane	7.898	113	122717	45.790	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	91.580%
50) Toluene-d8	10.325	98	447295	47.544	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.617	95	166523	47.866	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	95.740%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	32324	21.458	ug/l	94
3) Chloromethane	2.253	50	30199	19.121	ug/l	96
4) Vinyl Chloride	2.399	62	41977	20.463	ug/l	97
5) Bromomethane	2.814	94	36527	19.940	ug/l	94
6) Chloroethane	2.966	64	28796	19.933	ug/l	96
7) Trichlorofluoromethane	3.295	101	36482	17.949	ug/l	99
8) Diethyl Ether	3.722	74	28271	18.639	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	45559	19.898	ug/l	99
10) Methyl Iodide	4.301	142	69451	19.920	ug/l	100
11) Tert butyl alcohol	5.216	59	18711	93.749	ug/l #	82
12) 1,1-Dichloroethene	4.076	96	47934	19.879	ug/l	93
13) Acrolein	3.923	56	28571	93.127	ug/l	98
14) Allyl chloride	4.698	41	67337	19.659	ug/l	99
15) Acrylonitrile	5.399	53	65026	88.177	ug/l	98
16) Acetone	4.149	43	89831	127.121	ug/l	97
17) Carbon Disulfide	4.417	76	122160	20.255	ug/l	97
18) Methyl Acetate	4.698	43	37215	16.529	ug/l	96
19) Methyl tert-butyl Ether	5.460	73	88457	19.426	ug/l	98
20) Methylene Chloride	4.948	84	61752	18.594	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	52633	19.539	ug/l	91
22) Diisopropyl ether	6.338	45	146907	19.707	ug/l	98
23) Vinyl Acetate	6.283	43	479142	94.535	ug/l	96
24) 1,1-Dichloroethane	6.240	63	95380	19.544	ug/l	99
25) 2-Butanone	7.191	43	108359	108.212	ug/l	99
26) 2,2-Dichloropropane	7.185	77	54102	20.934	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	63430	19.351	ug/l	98
28) Bromochloromethane	7.526	49	42039	18.817	ug/l	98
29) Tetrahydrofuran	7.545	42	56566	88.895	ug/l	99
30) Chloroform	7.691	83	107327	19.262	ug/l	98
31) Cyclohexane	7.965	56	79748	19.909	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	79133	19.455	ug/l	100
36) 1,1-Dichloropropene	8.093	75	72042	20.733	ug/l	99
37) Ethyl Acetate	7.270	43	39507	18.953	ug/l	99
38) Carbon Tetrachloride	8.081	117	74701	20.054	ug/l	97
39) Methylcyclohexane	9.343	83	84595	20.554	ug/l	97
40) Benzene	8.331	78	213895	19.914	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	20239	17.476	ug/l	99
42) 1,2-Dichloroethane	8.410	62	71968	19.328	ug/l	98
43) Isopropyl Acetate	8.435	43	71388	18.255	ug/l	97
44) Trichloroethene	9.099	130	55832	20.670	ug/l	91
45) 1,2-Dichloropropane	9.374	63	51155	19.756	ug/l	97
46) Dibromomethane	9.465	93	34769	19.145	ug/l	99
47) Bromodichloromethane	9.648	83	78768	19.086	ug/l	97
48) Methyl methacrylate	9.441	41	32815	18.209	ug/l	97
49) 1,4-Dioxane	9.465	88	8110	369.598	ug/l #	79
51) 4-Methyl-2-Pentanone	10.215	43	205288	92.970	ug/l	99
52) Toluene	10.386	92	140868	20.069	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	69345	19.047	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	79965	19.249	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	44834	18.985	ug/l	96
56) Ethyl methacrylate	10.648	69	54991	18.214	ug/l	98
57) 1,3-Dichloropropane	10.934	76	75786	19.165	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	151410	93.954	ug/l	99
59) 2-Hexanone	10.971	43	153515	99.965	ug/l	97
60) Dibromochloromethane	11.129	129	54958	19.232	ug/l	100
61) 1,2-Dibromoethane	11.233	107	44476	19.151	ug/l	99
64) Tetrachloroethene	10.861	164	48222	21.162	ug/l	97
65) Chlorobenzene	11.660	112	156453	19.853	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	50195	19.346	ug/l	96
67) Ethyl Benzene	11.727	91	268909	20.826	ug/l	94
68) m/p-Xylenes	11.837	106	207495	41.755	ug/l	99
69) o-Xylene	12.166	106	97785	20.803	ug/l	98
70) Styrene	12.178	104	170300	20.553	ug/l	99
71) Bromoform	12.343	173	29674	19.257	ug/l #	100
73) Isopropylbenzene	12.465	105	248787	20.847	ug/l	100
74) N-amyl acetate	12.269	43	65204	18.819	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	53600	18.899	ug/l	96
76) 1,2,3-Trichloropropane	12.763	75	67410	30.632	ug/l	44
77) Bromobenzene	12.745	156	62956	20.687	ug/l	95
78) n-propylbenzene	12.800	91	316270	21.829	ug/l	97
79) 2-Chlorotoluene	12.891	91	184759	20.854	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	216882	21.465	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	15235	18.640	ug/l	97
82) 4-Chlorotoluene	12.983	91	199307	21.016	ug/l	99
83) tert-Butylbenzene	13.202	119	183572	21.428	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	220476	21.092	ug/l	100
85) sec-Butylbenzene	13.379	105	267186	20.889	ug/l	98
86) p-Isopropyltoluene	13.495	119	228798	21.034	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	128658	20.997	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	124896	20.335	ug/l	99
89) n-Butylbenzene	13.818	91	219557	21.171	ug/l	98
90) Hexachloroethane	14.086	117	40835	20.524	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	115067	21.210	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.476	75	9396	18.754	ug/l	92
93) 1,2,4-Trichlorobenzene	15.129	180	74260	21.425	ug/l	97
94) Hexachlorobutadiene	15.232	225	35944	20.910	ug/l	98
95) Naphthalene	15.360	128	149323	19.036	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	67233	20.857	ug/l	98

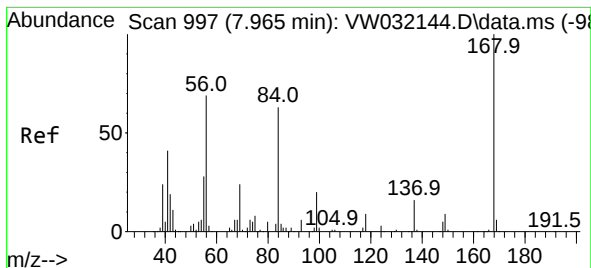
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW032149.D

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Instrument :

MSVOA_W

ClientSampleId :

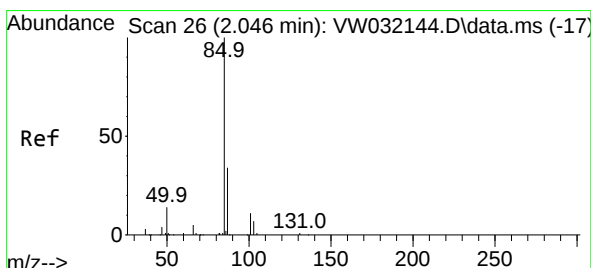
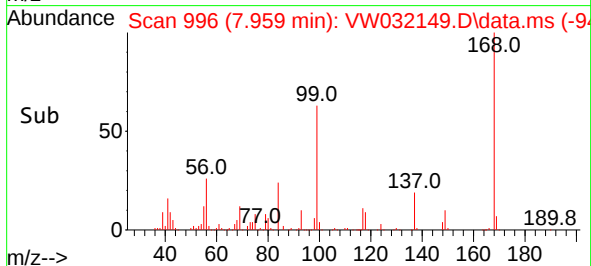
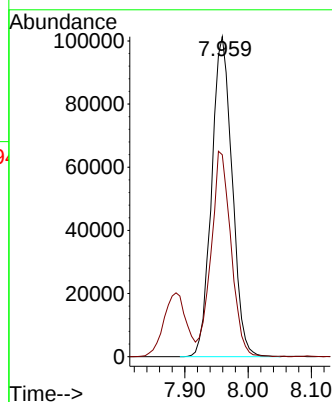
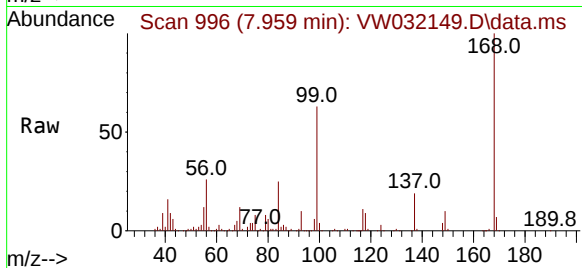
VW0828SBL01

Tgt Ion:168 Resp: 228157

Ion Ratio Lower Upper

168 100

99 62.9 49.3 73.9



#2

Dichlorodifluoromethane

Concen: 21.458 ug/l

RT: 2.046 min Scan# 26

Delta R.T. -0.000 min

Lab File: VW032149.D

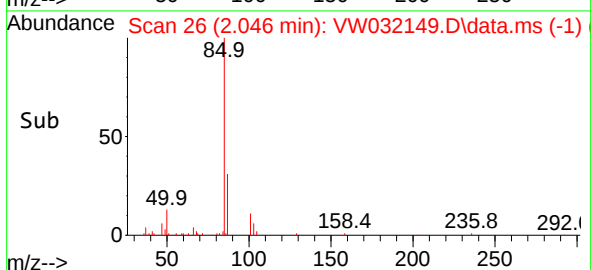
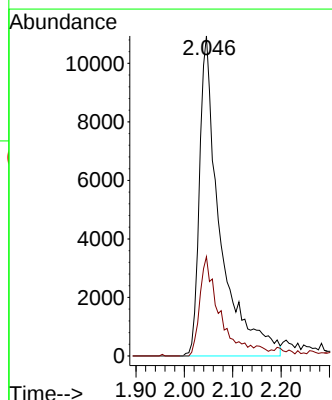
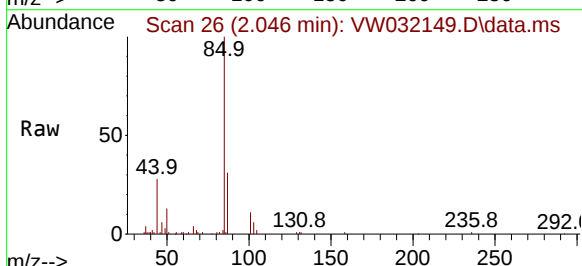
Acq: 28 Aug 2025 11:10

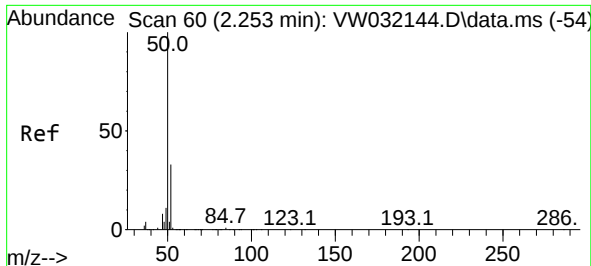
Tgt Ion: 85 Resp: 32324

Ion Ratio Lower Upper

85 100

87 31.0 17.2 51.6

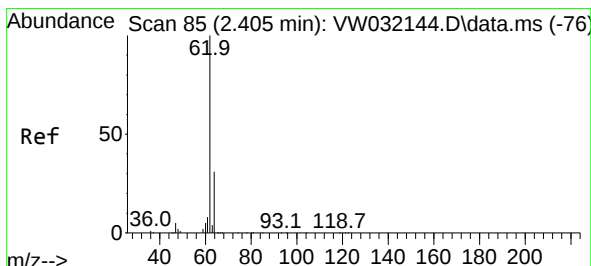
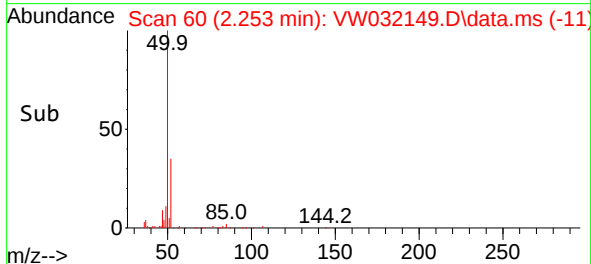
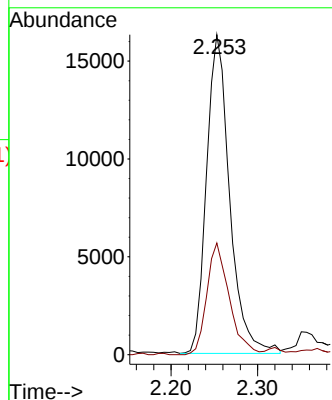
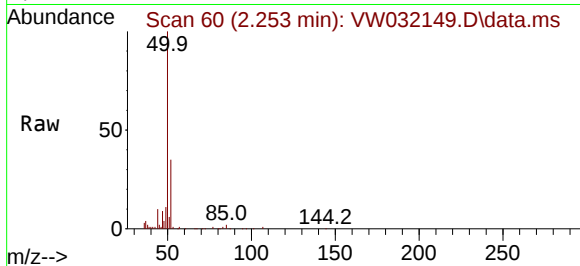




#3
Chloromethane
Concen: 19.121 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

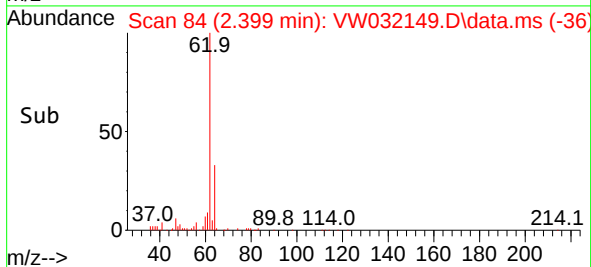
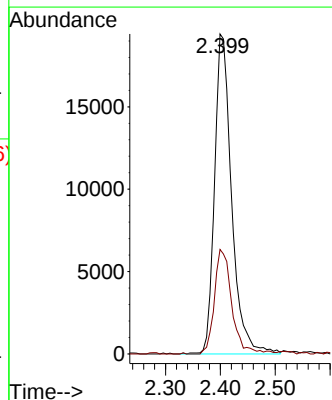
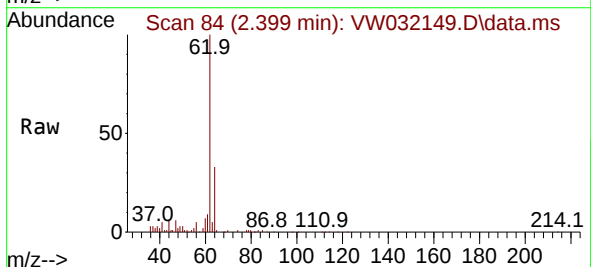
Instrument :
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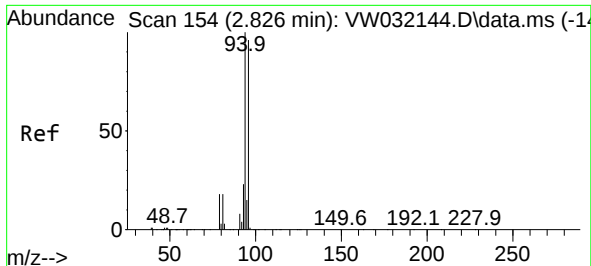
Tgt Ion: 50 Resp: 30199
Ion Ratio Lower Upper
50 100
52 35.0 26.1 39.1



#4
Vinyl Chloride
Concen: 20.463 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 62 Resp: 41977
Ion Ratio Lower Upper
62 100
64 32.7 24.8 37.2

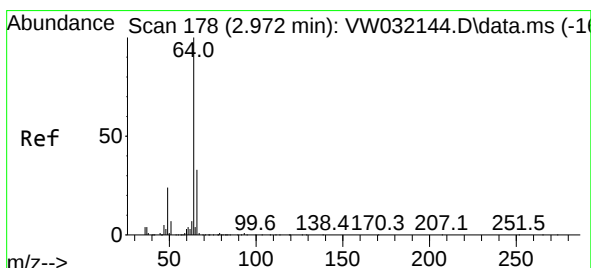
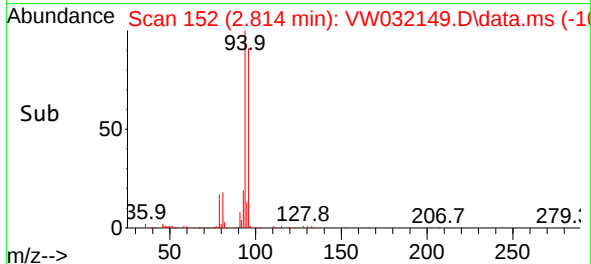
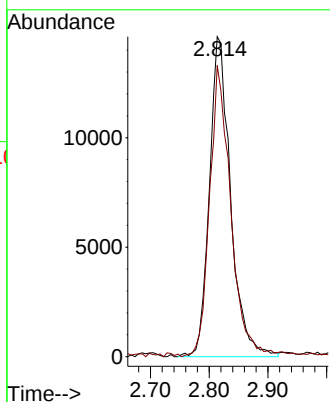
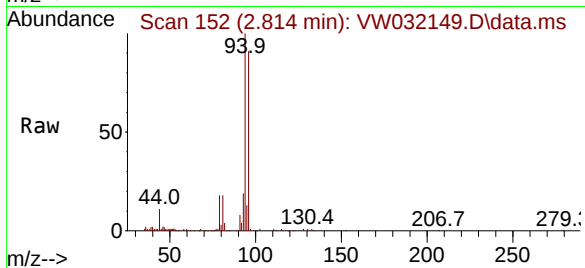




#5
Bromomethane
Concen: 19.940 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

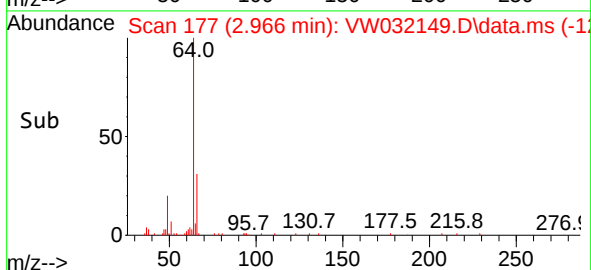
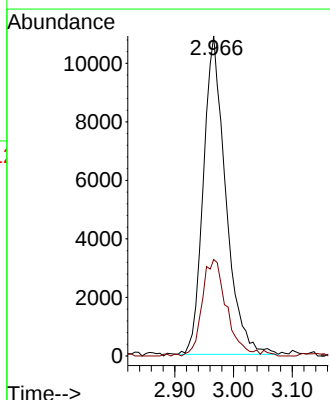
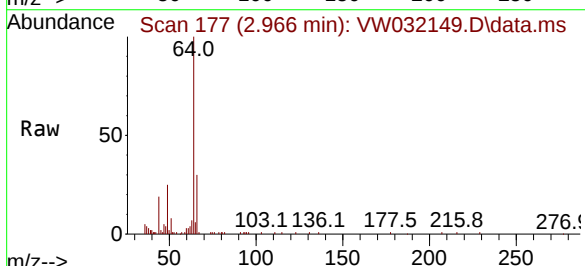
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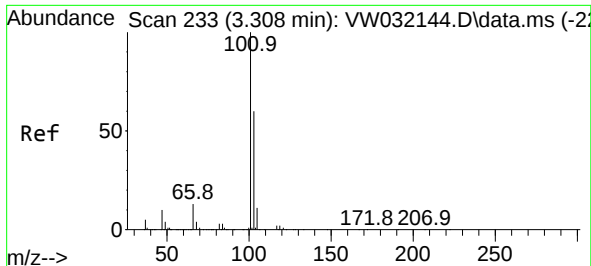
Tgt Ion: 94 Resp: 36527
Ion Ratio Lower Upper
94 100
96 90.2 76.6 115.0



#6
Chloroethane
Concen: 19.933 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 64 Resp: 28796
Ion Ratio Lower Upper
64 100
66 30.3 26.2 39.4

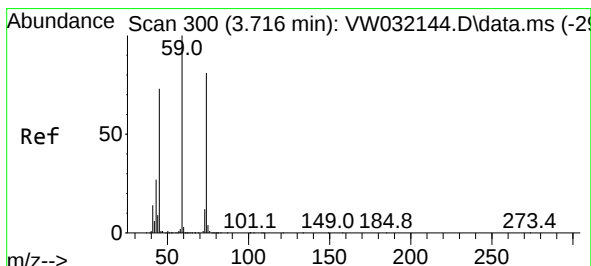
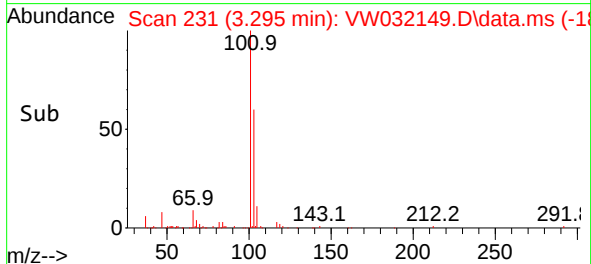
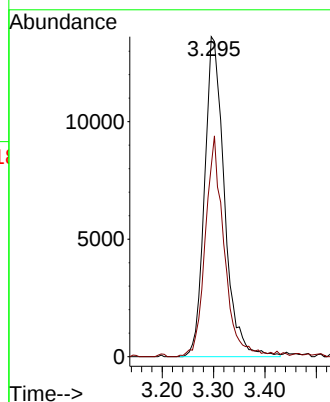
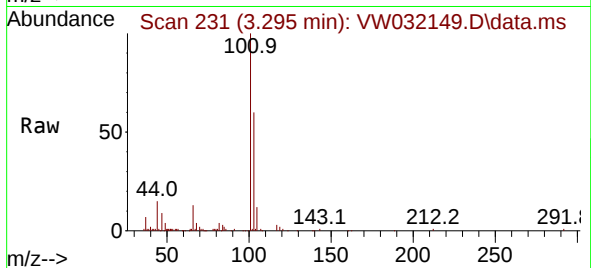




#7
Trichlorofluoromethane
Concen: 17.949 ug/l
RT: 3.295 min Scan# 21
Delta R.T. -0.012 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

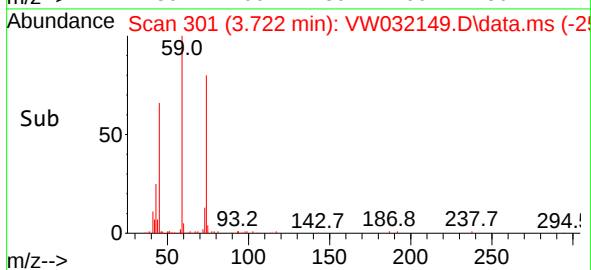
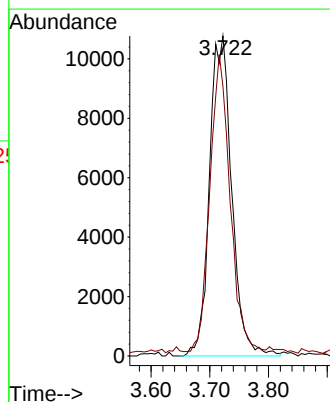
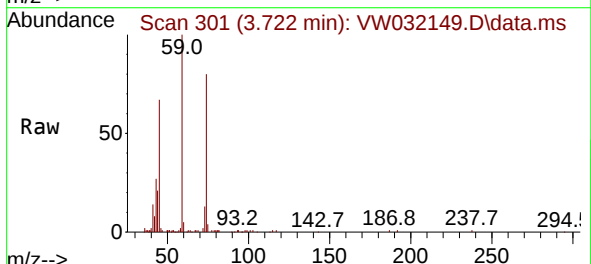
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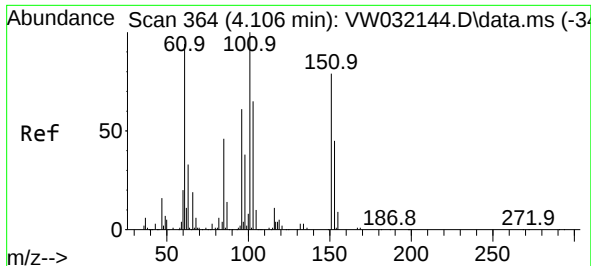
Tgt Ion:101 Resp: 36482
Ion Ratio Lower Upper
101 100
103 59.1 47.8 71.8



#8
Diethyl Ether
Concen: 18.639 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 74 Resp: 28271
Ion Ratio Lower Upper
74 100
45 84.9 43.1 129.4

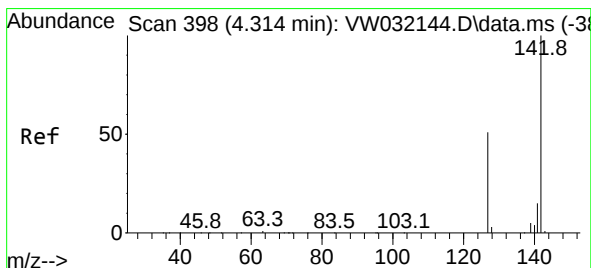
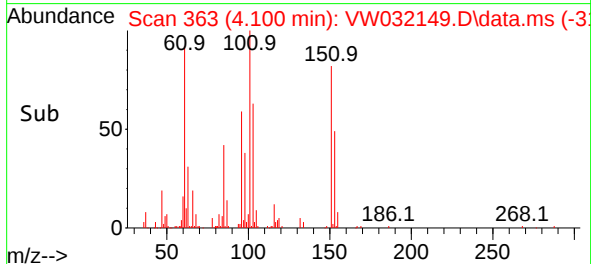
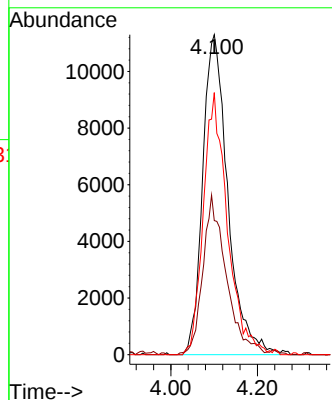
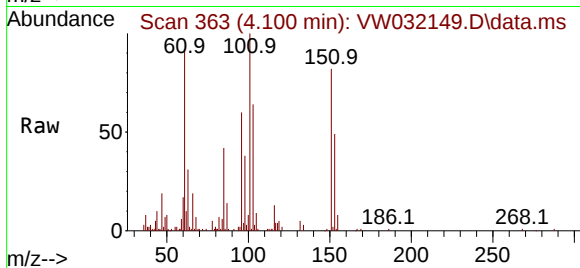




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.898 ug/l
RT: 4.100 min Scan# 301
Delta R.T. -0.006 min
Lab File: VW032149.D
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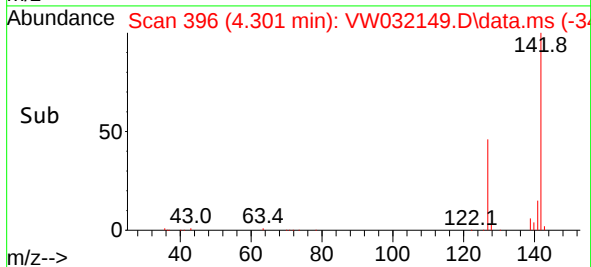
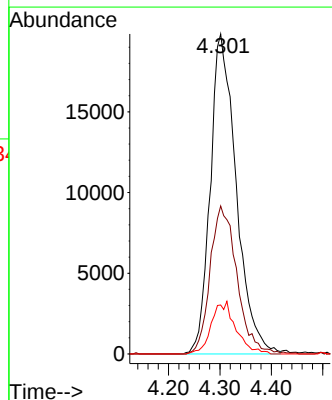
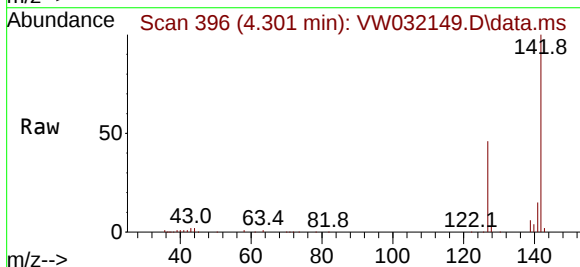
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

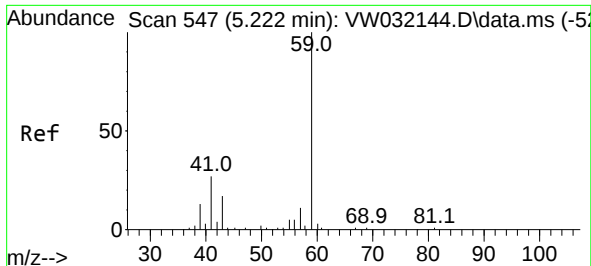
Tgt Ion:101 Resp: 45559
Ion Ratio Lower Upper
101 100
85 46.4 37.1 55.7
151 78.4 61.5 92.3



#10
Methyl Iodide
Concen: 19.920 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion:142 Resp: 69451
Ion Ratio Lower Upper
142 100
127 47.7 38.2 57.2
141 15.5 12.2 18.2

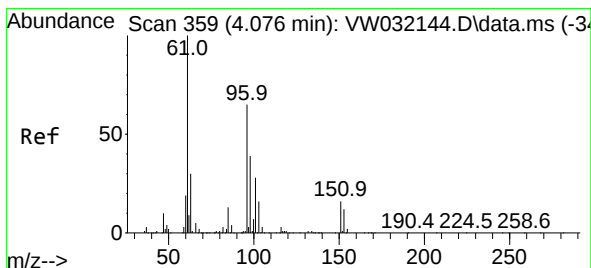
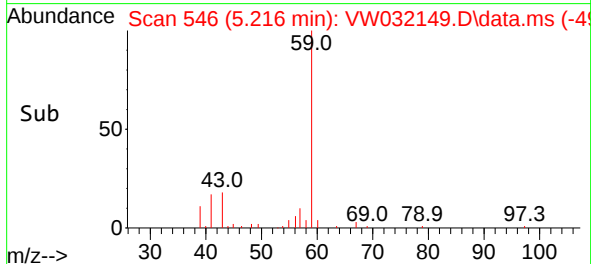
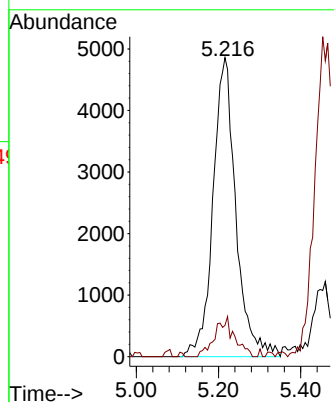
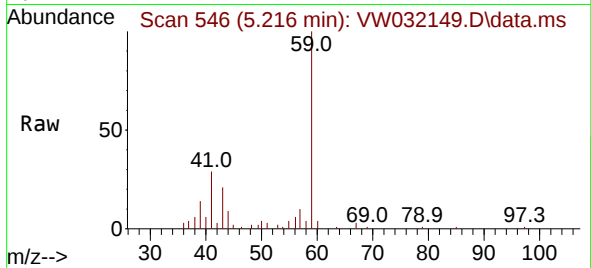




#11
Tert butyl alcohol
Concen: 93.749 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

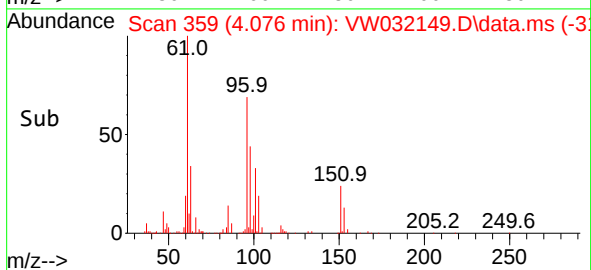
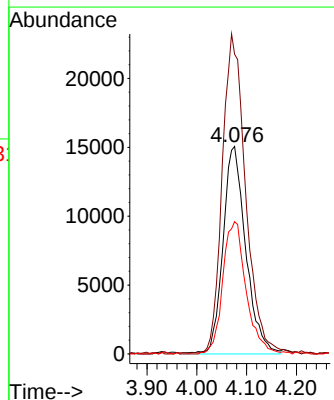
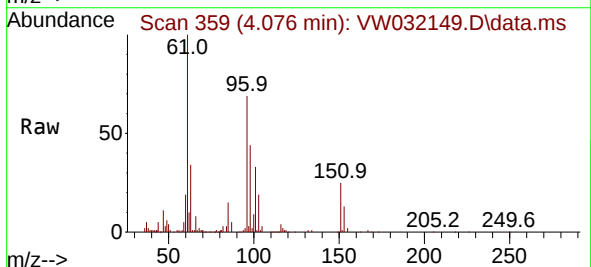
Instrument :
MSVOA_W
ClientSampleId :
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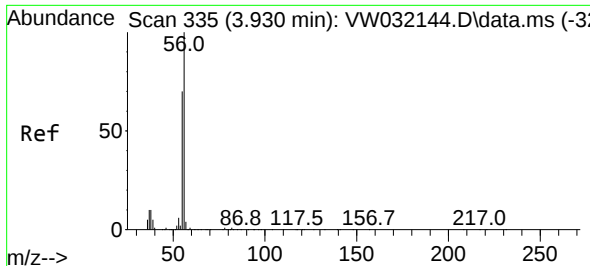
Tgt Ion: 59 Resp: 18711
Ion Ratio Lower Upper
59 100
57 5.3 9.8 14.6#



#12
1,1-Dichloroethene
Concen: 19.879 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 96 Resp: 47934
Ion Ratio Lower Upper
96 100
61 143.9 123.0 184.4
98 63.8 48.5 72.7

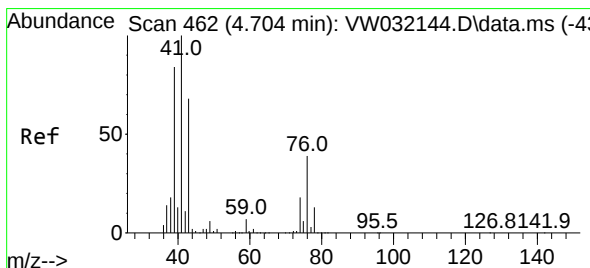
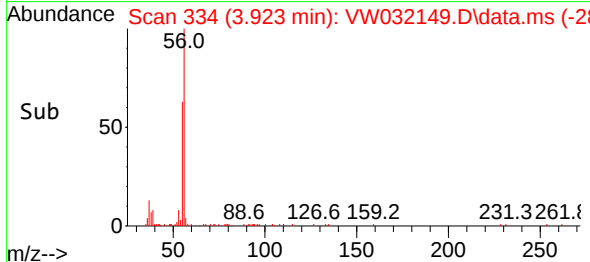
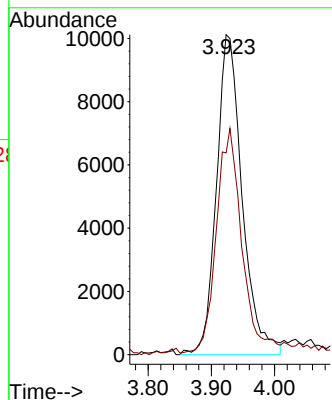
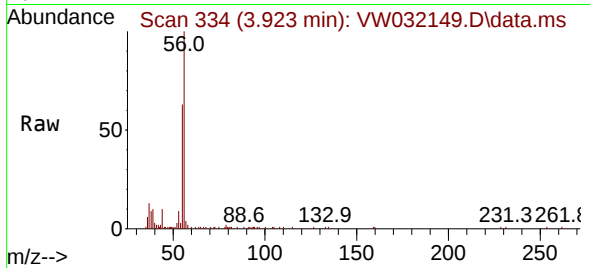




#13
Acrolein
Concen: 93.127 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

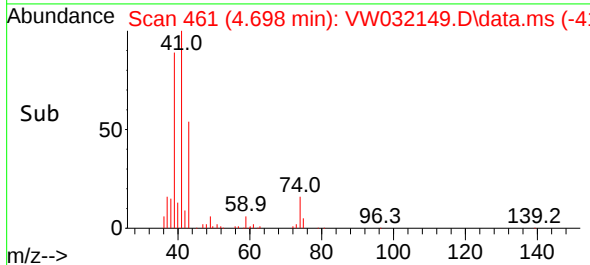
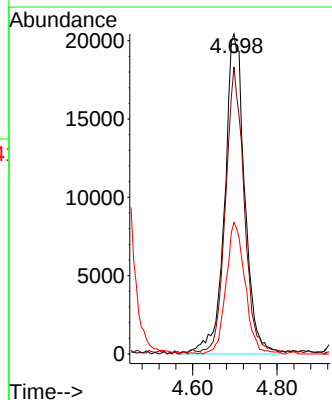
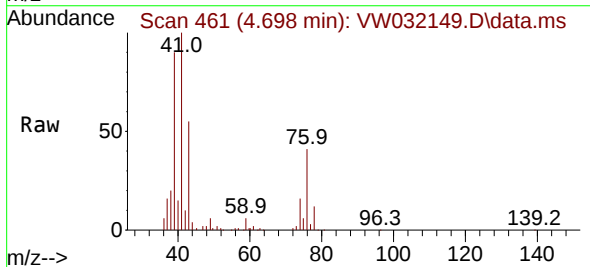
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

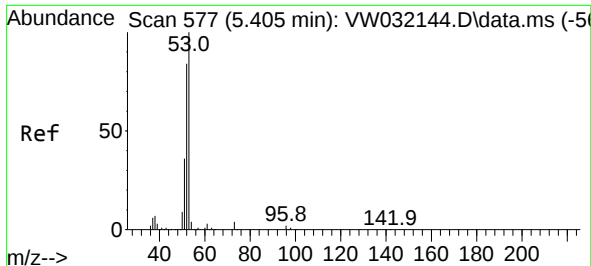
Tgt Ion: 56 Resp: 28571
Ion Ratio Lower Upper
56 100
55 68.5 56.4 84.6



#14
Allyl chloride
Concen: 19.659 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 41 Resp: 67337
Ion Ratio Lower Upper
41 100
39 81.6 64.1 96.1
76 39.1 31.4 47.2

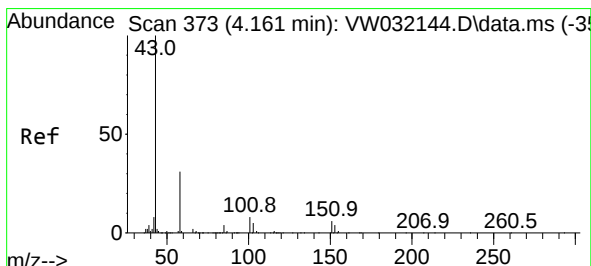
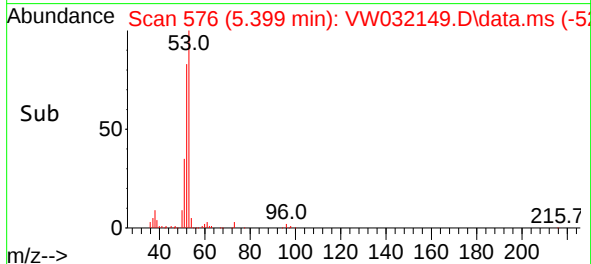
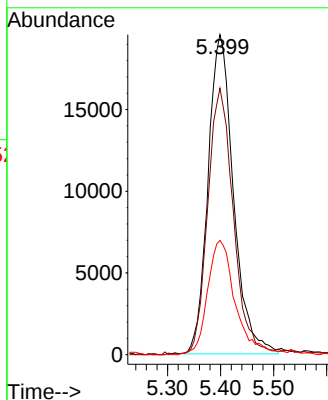
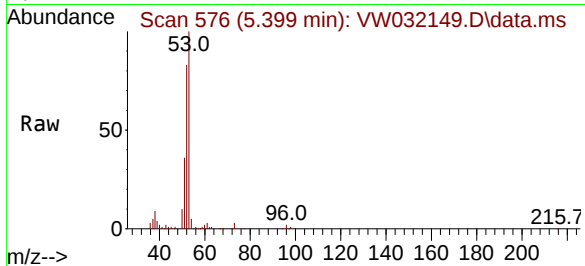




#15
Acrylonitrile
Concen: 88.177 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

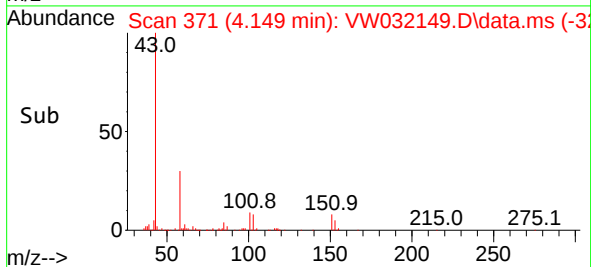
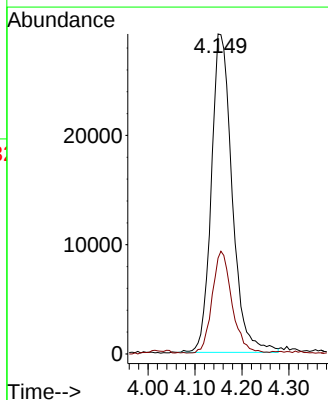
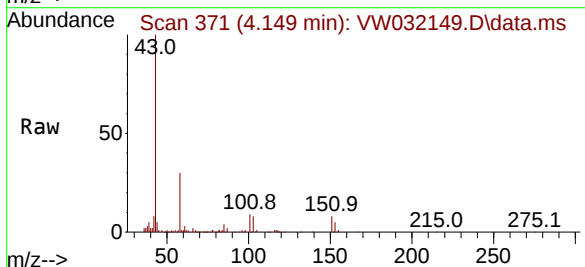
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

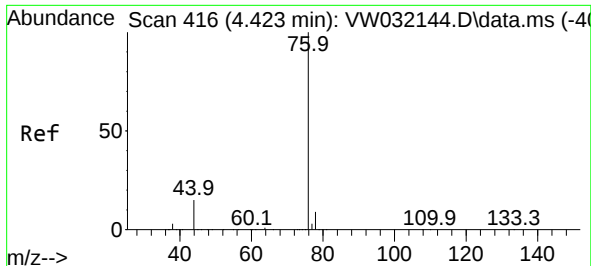
Tgt Ion: 53 Resp: 65026
Ion Ratio Lower Upper
53 100
52 83.1 67.4 101.2
51 39.0 30.3 45.5



#16
Acetone
Concen: 127.121 ug/l
RT: 4.149 min Scan# 371
Delta R.T. -0.012 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 43 Resp: 89831
Ion Ratio Lower Upper
43 100
58 29.7 25.3 37.9

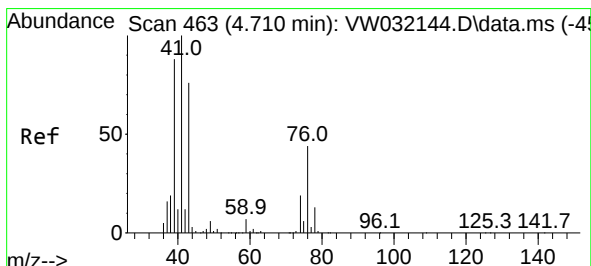
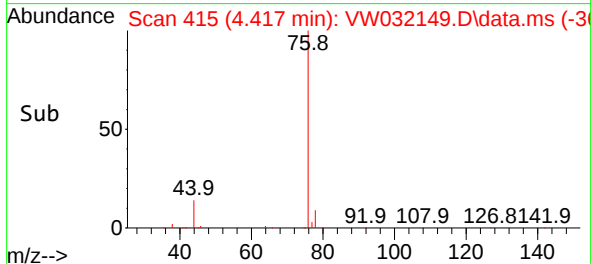
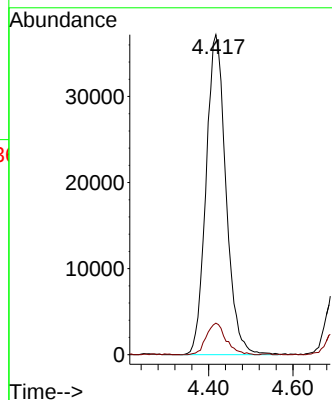
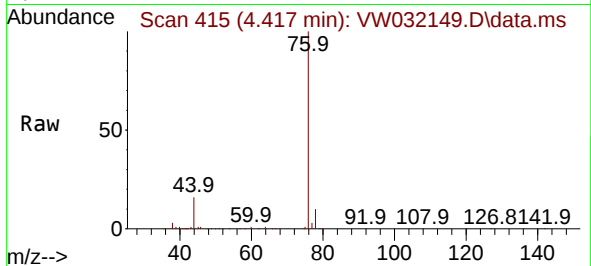




#17
Carbon Disulfide
Concen: 20.255 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

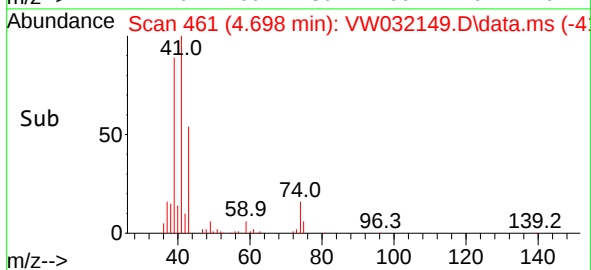
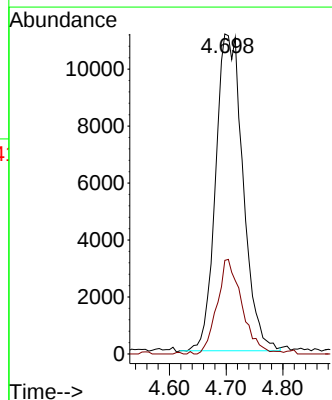
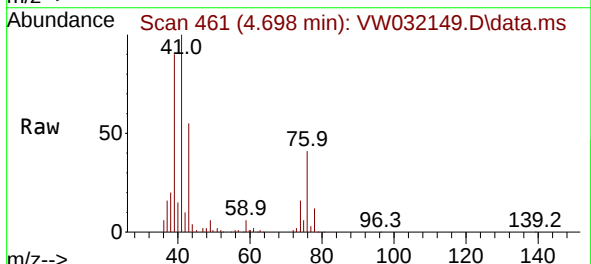
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

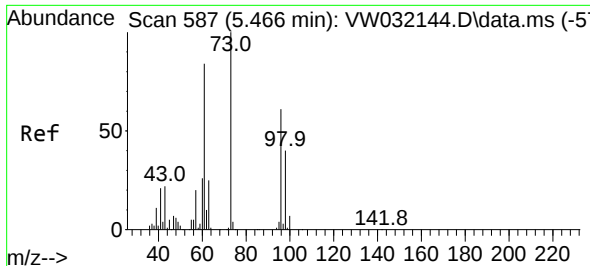
Tgt Ion: 76 Resp: 122160
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



#18
Methyl Acetate
Concen: 16.529 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 43 Resp: 37215
Ion Ratio Lower Upper
43 100
74 27.3 20.2 30.4

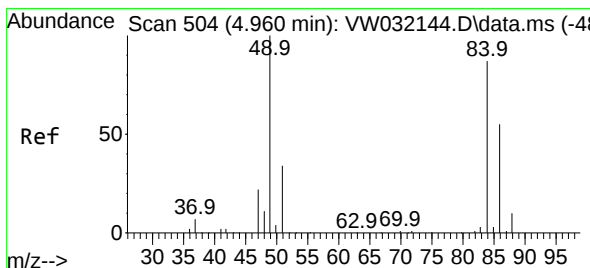
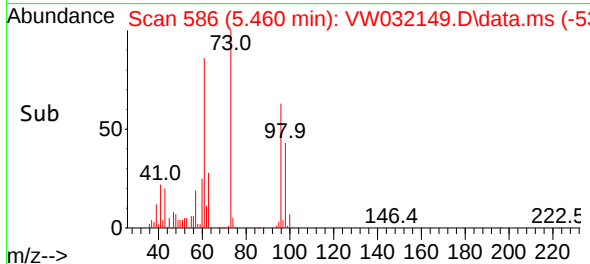
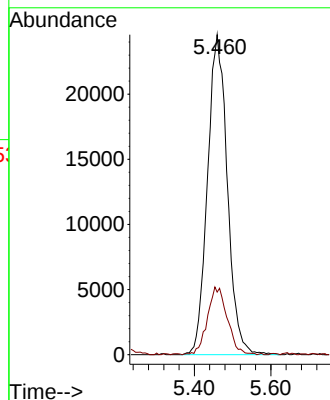
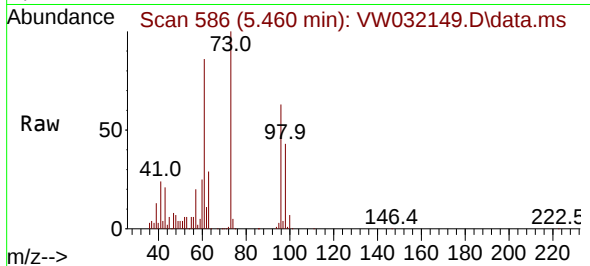




#19
Methyl tert-butyl Ether
Concen: 19.426 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

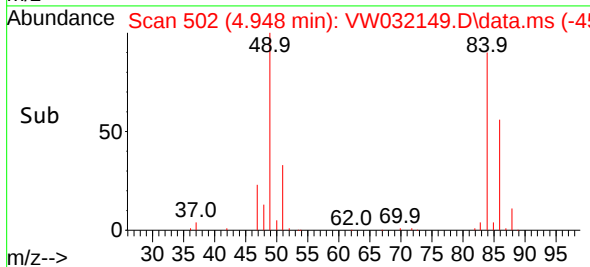
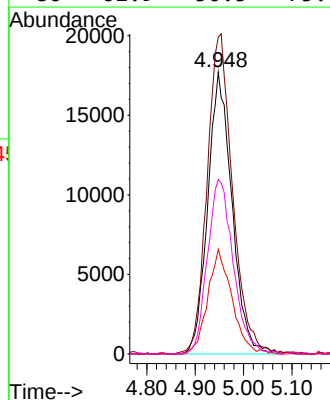
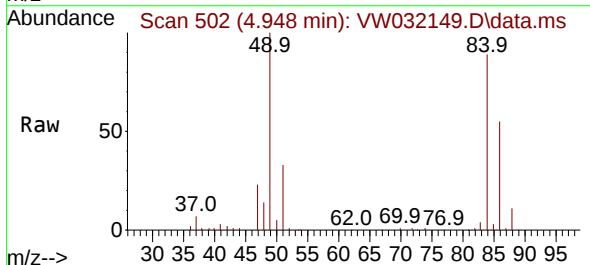
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

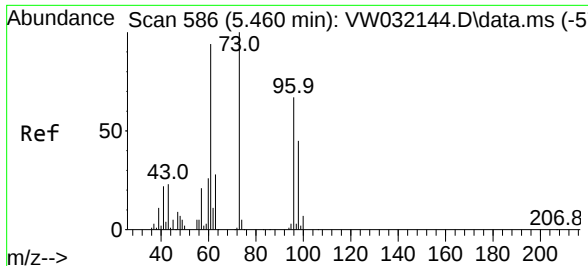
Tgt Ion: 73 Resp: 88457
Ion Ratio Lower Upper
73 100
57 19.6 16.2 24.4



#20
Methylene Chloride
Concen: 18.594 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 84 Resp: 61752
Ion Ratio Lower Upper
84 100
49 111.8 92.2 138.4
51 37.1 31.0 46.6
86 61.9 50.5 75.7

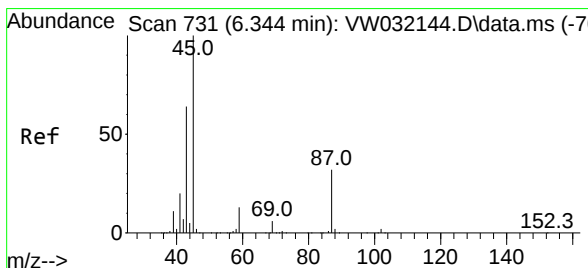
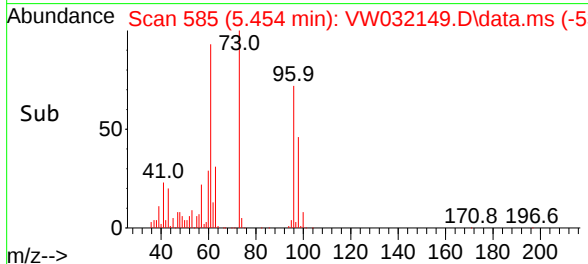
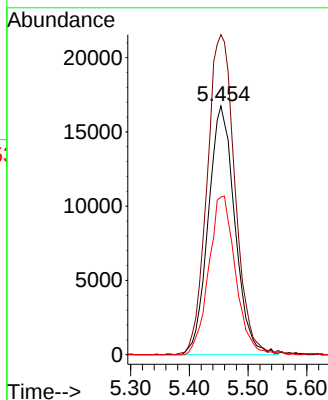
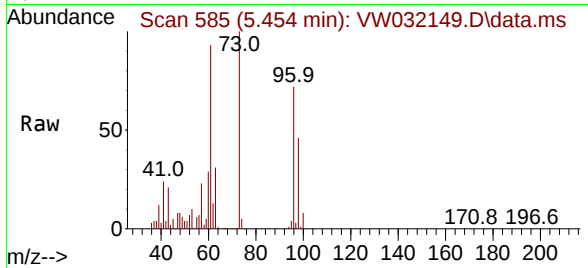




#21
trans-1,2-Dichloroethene
Concen: 19.539 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

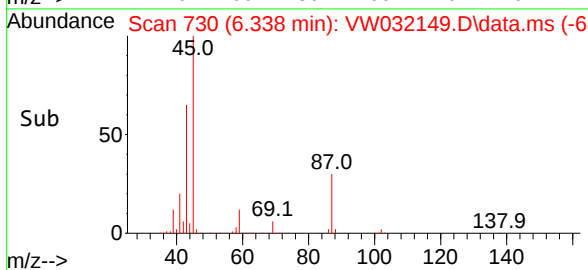
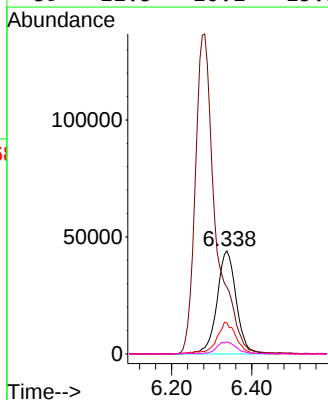
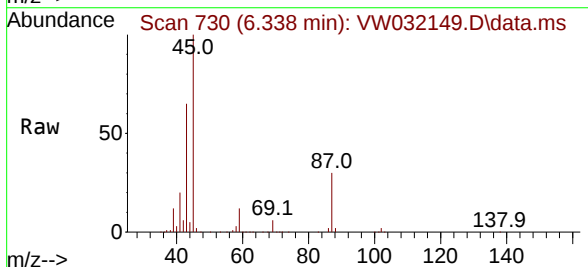
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

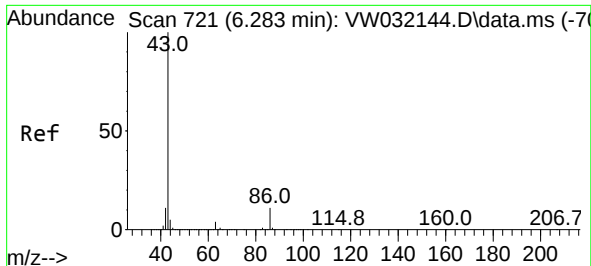
Tgt Ion: 96 Resp: 52633
Ion Ratio Lower Upper
96 100
61 128.3 112.5 168.7
98 63.4 54.2 81.4



#22
Diisopropyl ether
Concen: 19.707 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 45 Resp: 146907
Ion Ratio Lower Upper
45 100
43 64.5 51.4 77.2
87 30.0 25.9 38.9
59 11.5 10.1 15.1

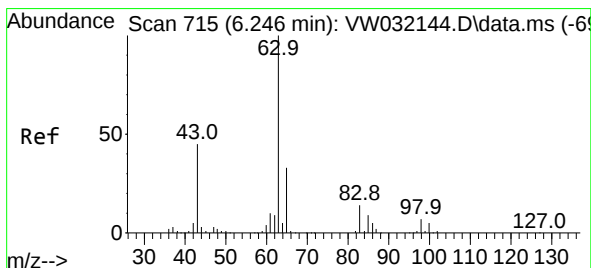
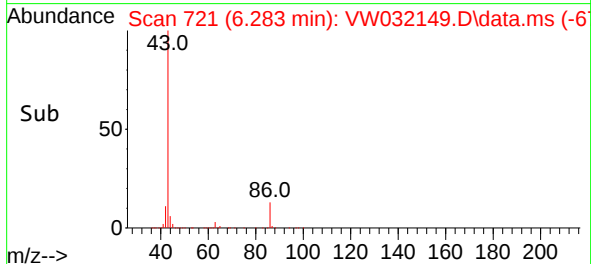
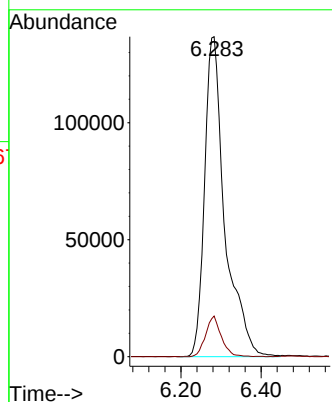
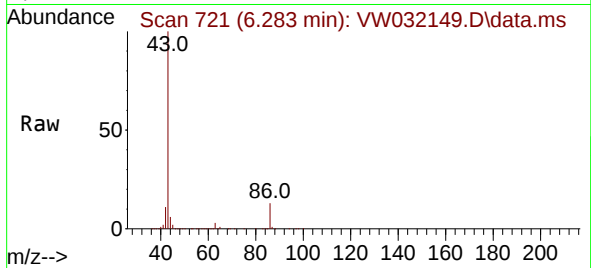




#23
 Vinyl Acetate
 Concen: 94.535 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032149.D
 Acq: 28 Aug 2025 11:10

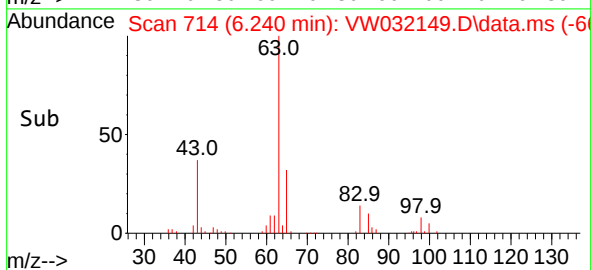
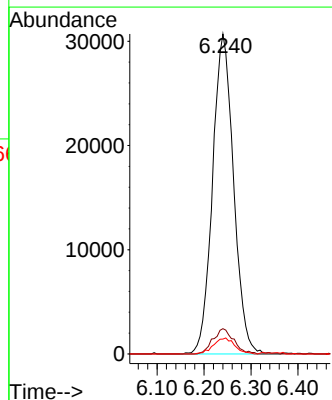
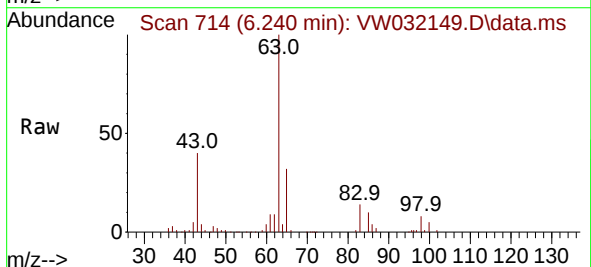
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBL01

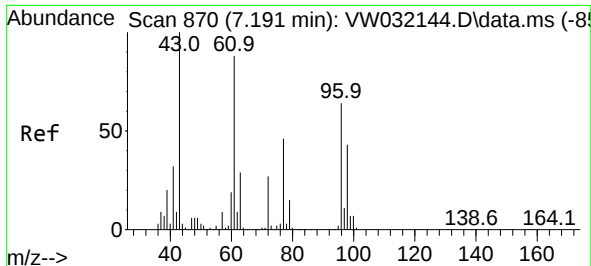
Tgt Ion: 43 Resp: 479142
 Ion Ratio Lower Upper
 43 100
 86 12.7 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 19.544 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032149.D
 Acq: 28 Aug 2025 11:10

Tgt Ion: 63 Resp: 95380
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.2
 100 4.7 2.5 7.5

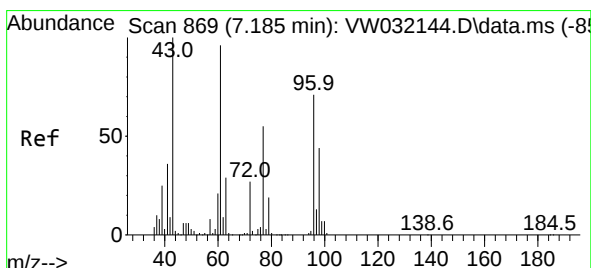
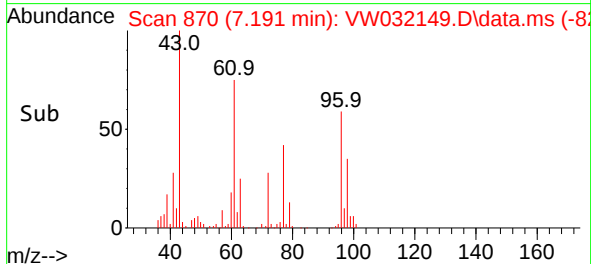
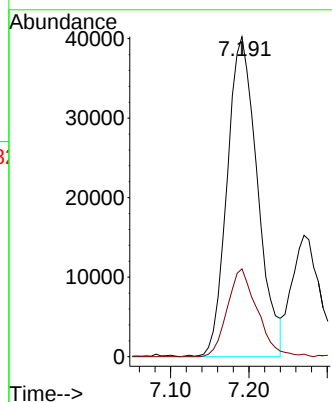
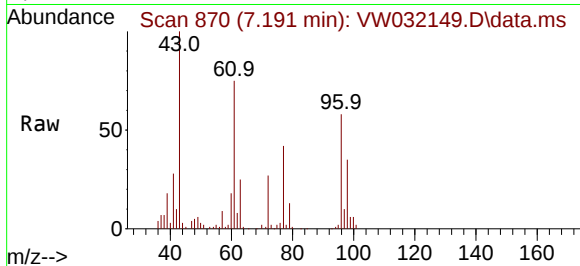




#25
2-Butanone
Concen: 108.212 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

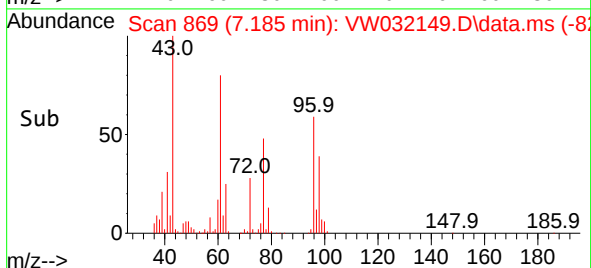
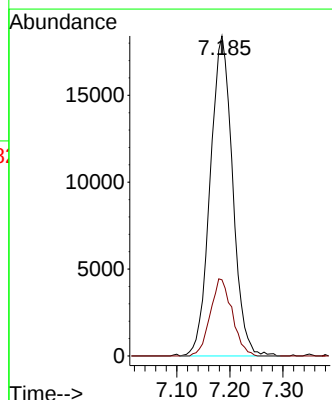
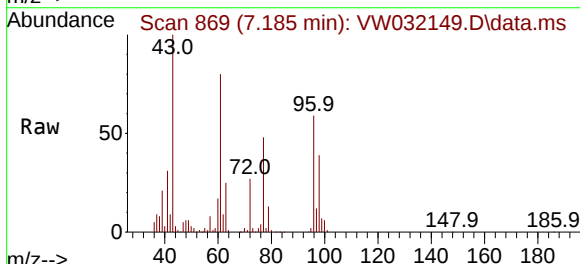
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

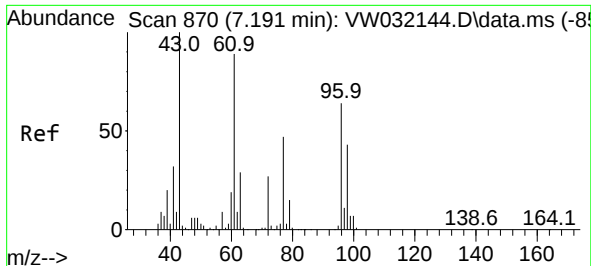
Tgt Ion: 43 Resp: 108359
Ion Ratio Lower Upper
43 100
72 27.4 21.4 32.2



#26
2,2-Dichloropropane
Concen: 20.934 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 77 Resp: 54102
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.351 ug/l

RT: 7.191 min Scan# 81

Delta R.T. -0.000 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBL01

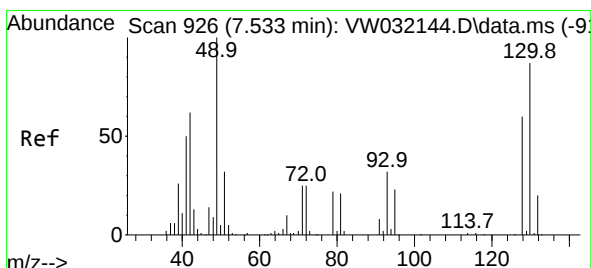
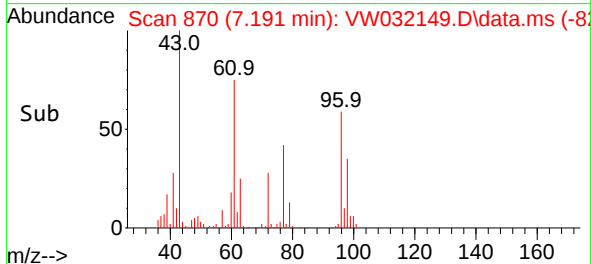
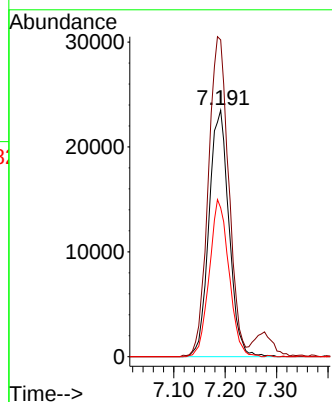
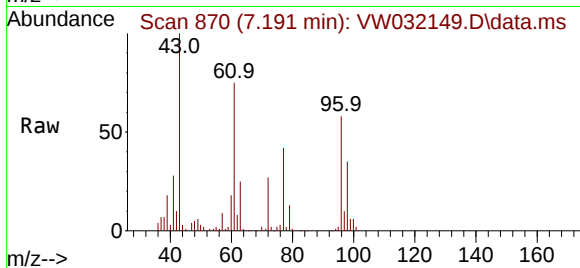
Tgt Ion: 96 Resp: 63430

Ion Ratio Lower Upper

96 100

61 132.4 0.0 268.0

98 62.7 0.0 130.8



#28

Bromochloromethane

Concen: 18.817 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

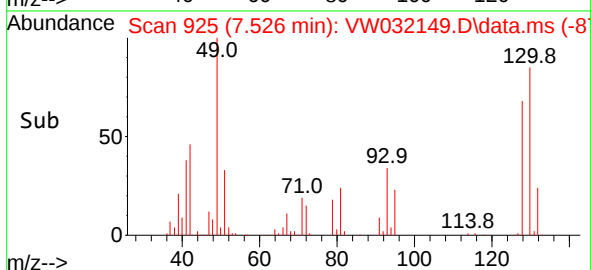
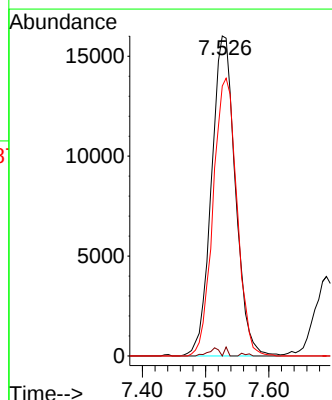
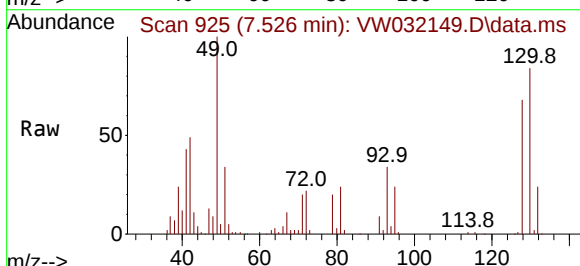
Tgt Ion: 49 Resp: 42039

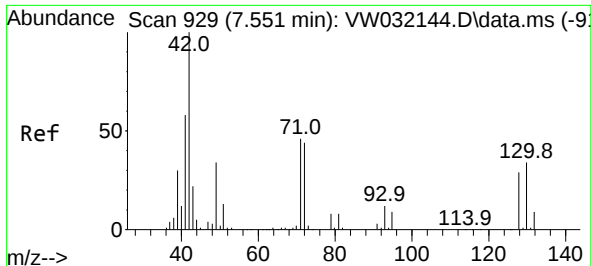
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.2

130 86.0 67.5 101.3

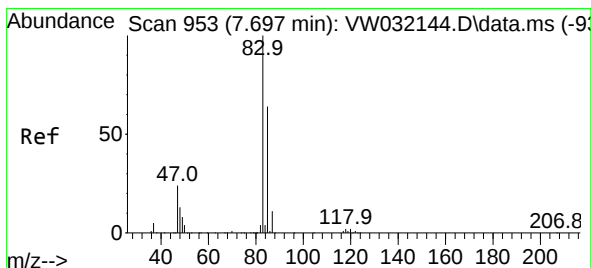
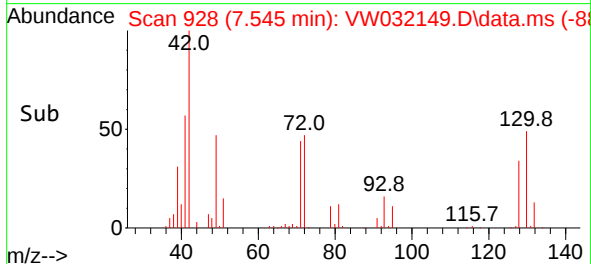
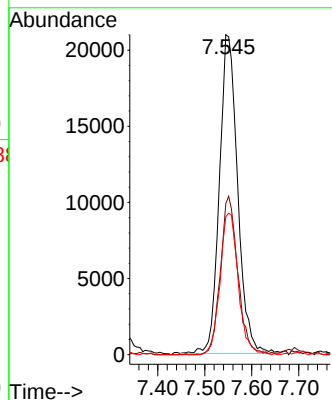
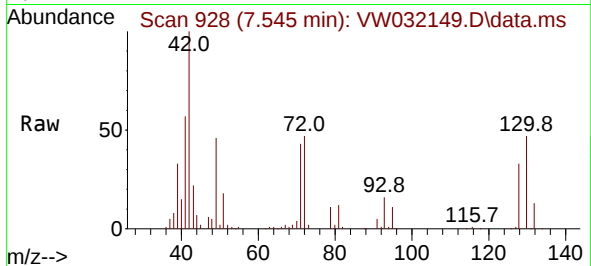




#29
Tetrahydrofuran
Concen: 88.895 ug/l
RT: 7.545 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

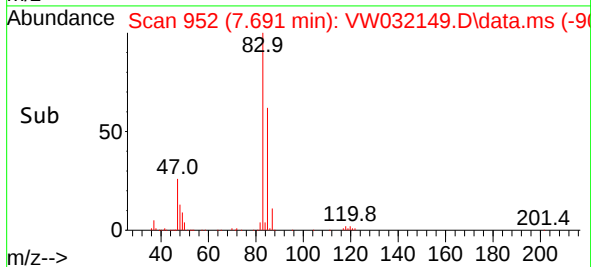
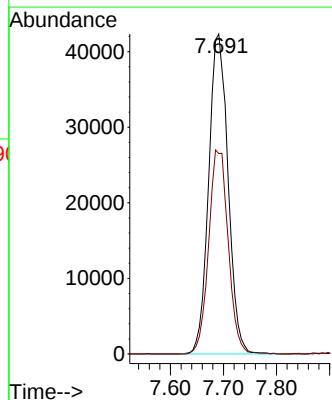
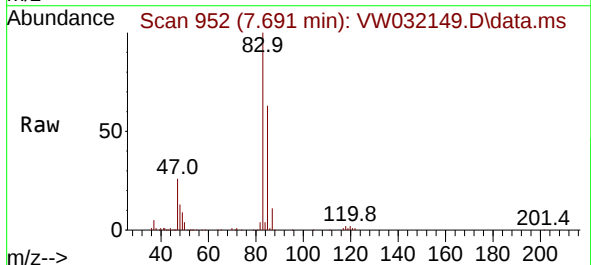
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

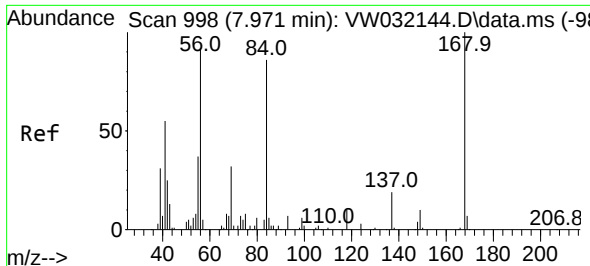
Tgt Ion: 42 Resp: 56566
Ion Ratio Lower Upper
42 100
72 47.6 37.4 56.2
71 44.3 36.0 54.0



#30
Chloroform
Concen: 19.262 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 83 Resp: 107327
Ion Ratio Lower Upper
83 100
85 62.6 51.2 76.8

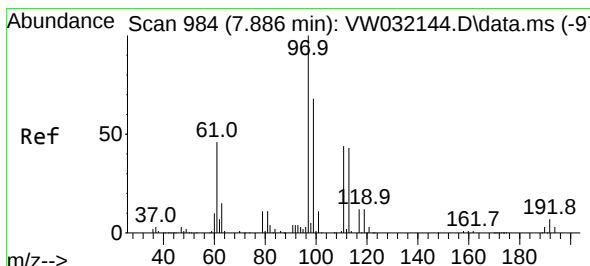
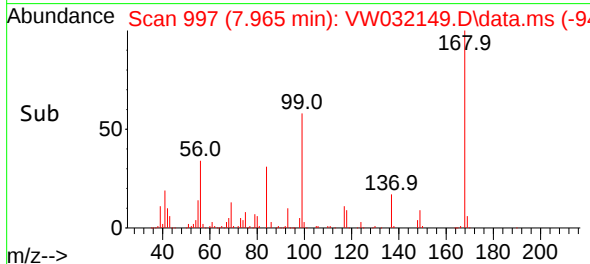
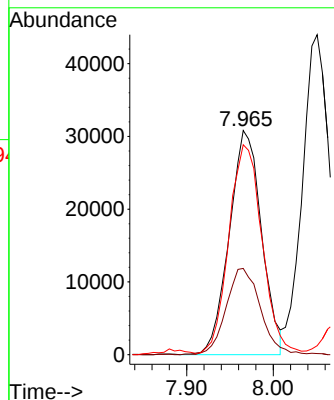
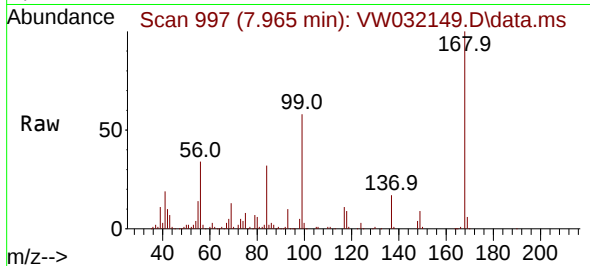




#31
Cyclohexane
Concen: 19.909 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

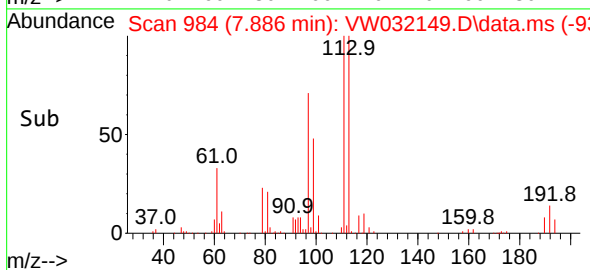
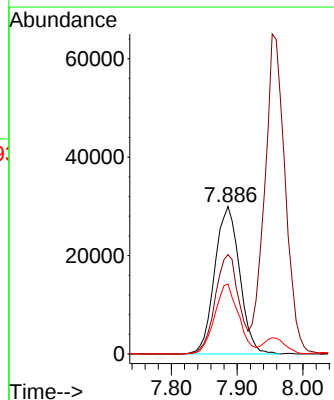
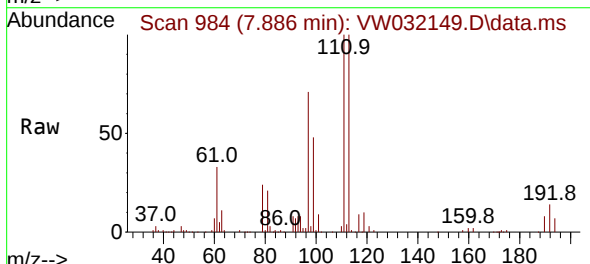
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

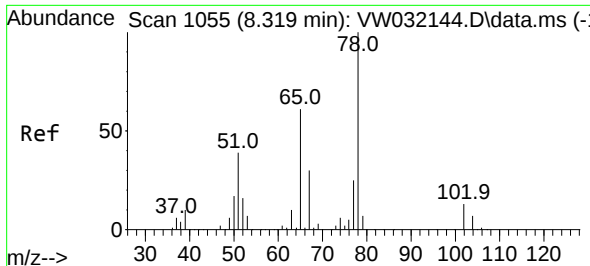
Tgt Ion:	56	Resp:	79748
Ion Ratio	Lower	Upper	
56	100		
69	38.5	27.7	41.5
84	91.7	74.6	112.0



#32
1,1,1-Trichloroethane
Concen: 19.455 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion:	97	Resp:	79133
Ion Ratio	Lower	Upper	
97	100		
99	63.7	50.9	76.3
61	45.8	36.2	54.4

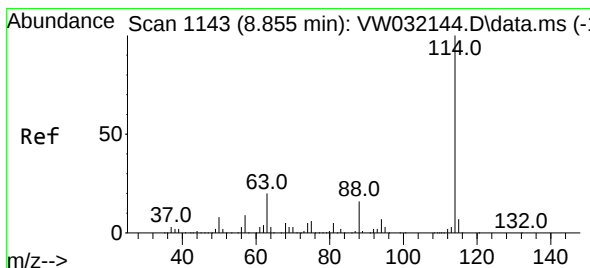
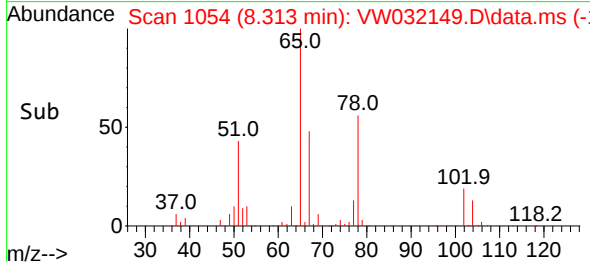
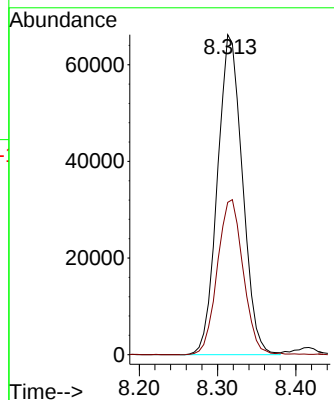
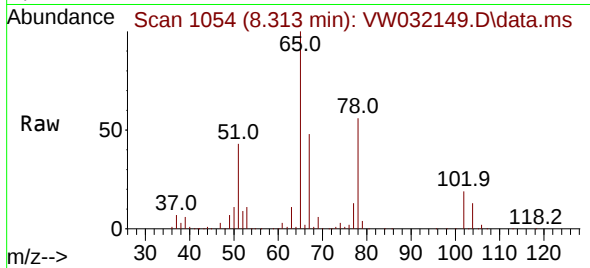




#33
 1,2-Dichloroethane-d4
 Concen: 45.042 ug/l
 RT: 8.313 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: VW032149.D
 Acq: 28 Aug 2025 11:10

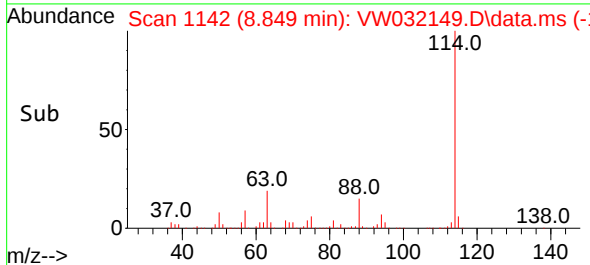
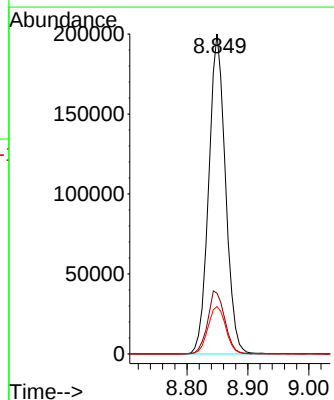
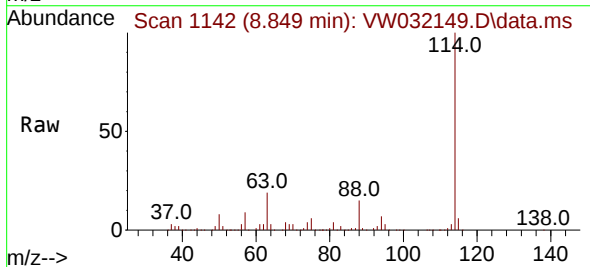
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBL01

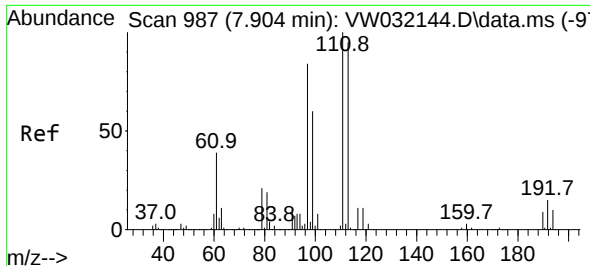
Tgt Ion: 65 Resp: 146968
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032149.D
 Acq: 28 Aug 2025 11:10

Tgt Ion: 114 Resp: 381987
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.4
 88 14.8 0.0 32.0

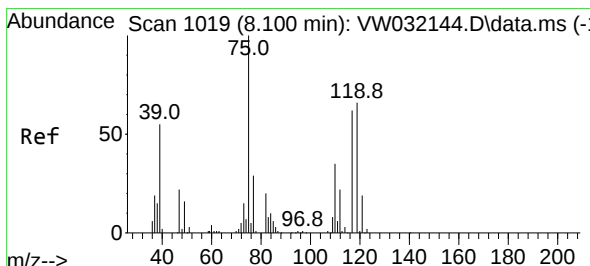
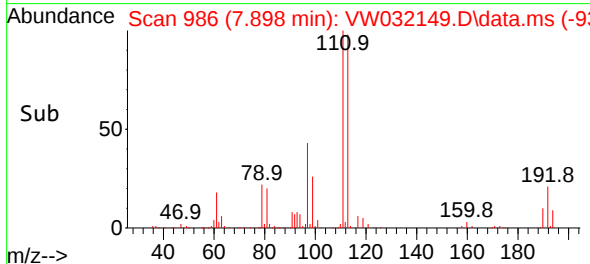
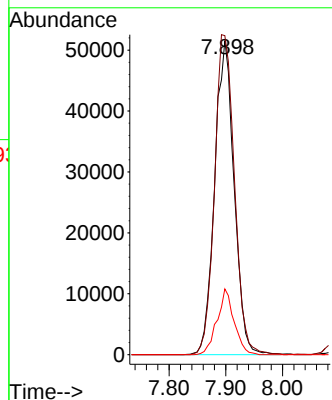
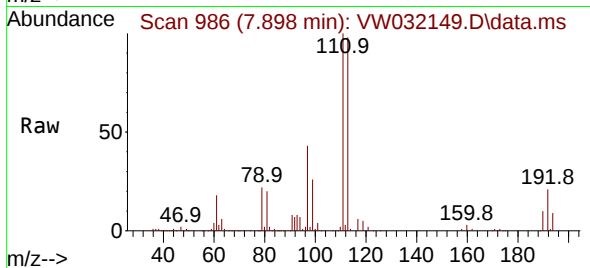




#35
Dibromofluoromethane
Concen: 45.790 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

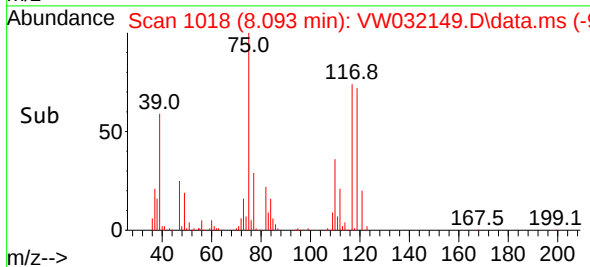
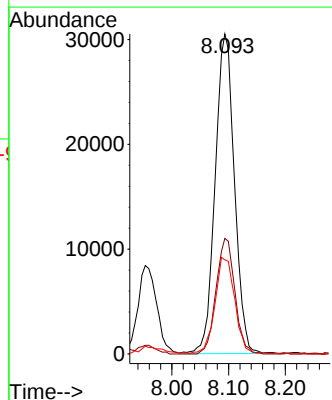
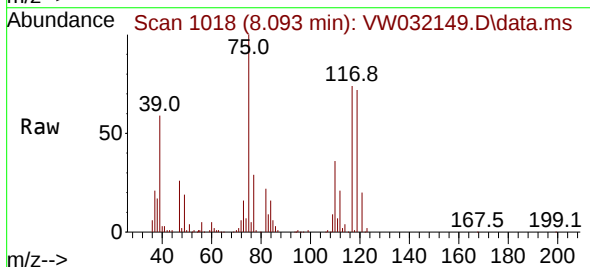
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

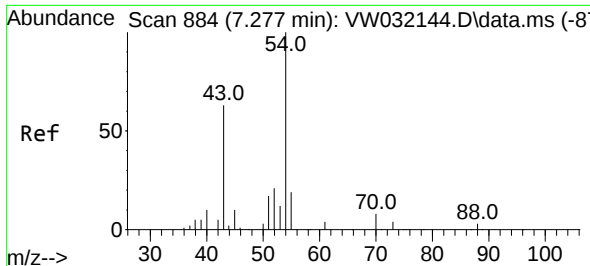
Tgt Ion:113 Resp: 122717
Ion Ratio Lower Upper
113 100
111 104.4 83.9 125.9
192 18.4 14.6 21.8



#36
1,1-Dichloropropene
Concen: 20.733 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 75 Resp: 72042
Ion Ratio Lower Upper
75 100
110 35.2 17.5 52.5
77 31.1 24.1 36.1

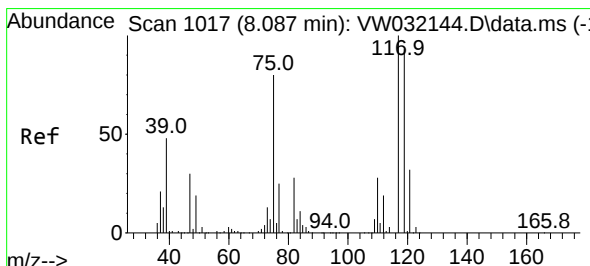
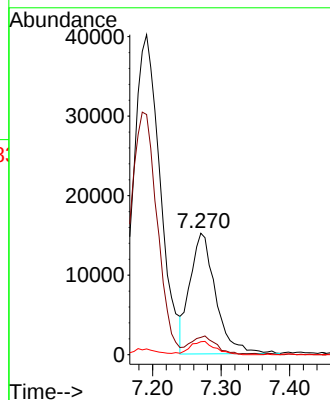
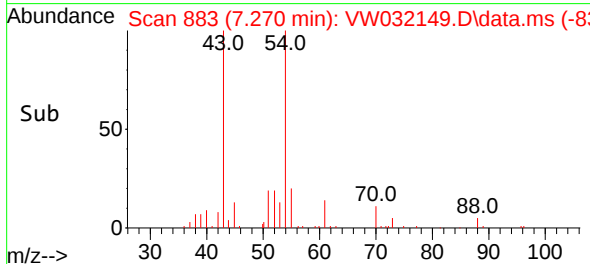
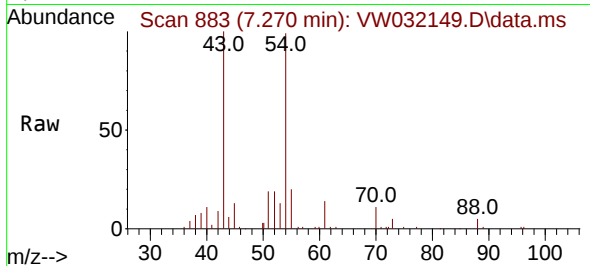




#37
Ethyl Acetate
Concen: 18.953 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

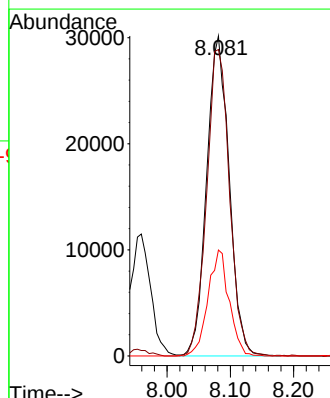
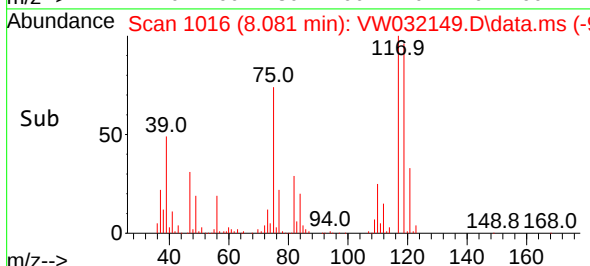
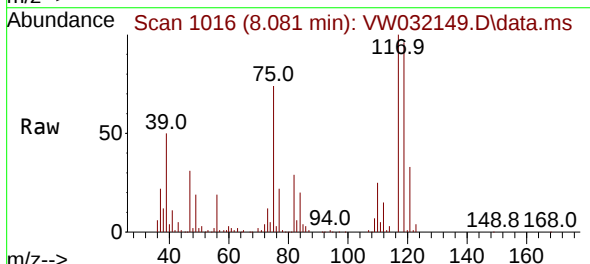
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

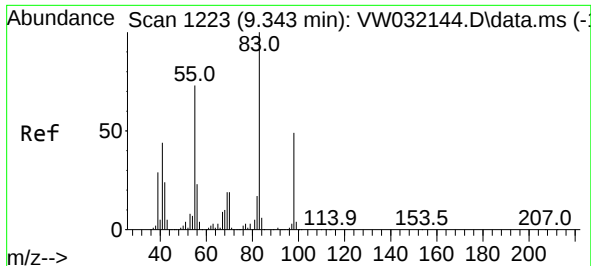
Tgt Ion: 43	Resp:	39507
Ion	Ratio	Lower Upper
43	100	
61	13.8	11.3 16.9
70	10.9	8.9 13.3



#38
Carbon Tetrachloride
Concen: 20.054 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 117	Resp:	74701
Ion	Ratio	Lower Upper
117	100	
119	95.7	74.2 111.2
121	33.1	25.6 38.4





#39

Methylcyclohexane

Concen: 20.554 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBL01

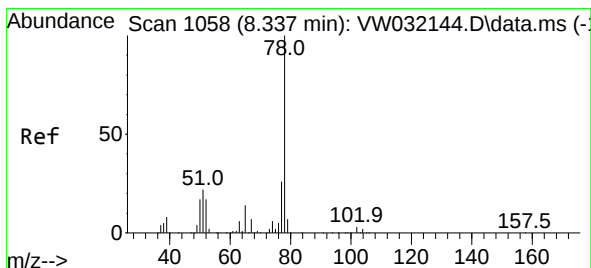
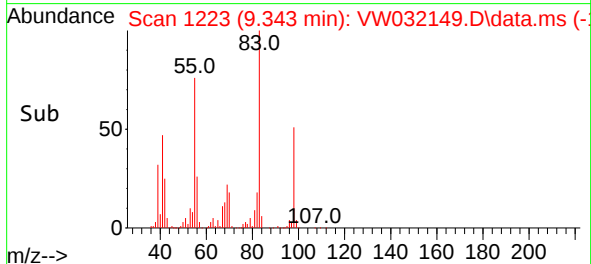
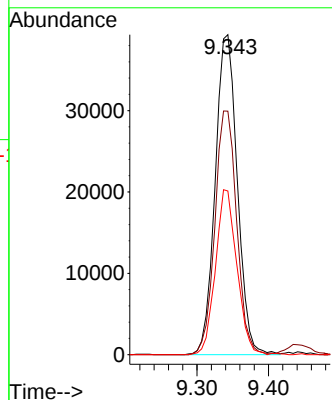
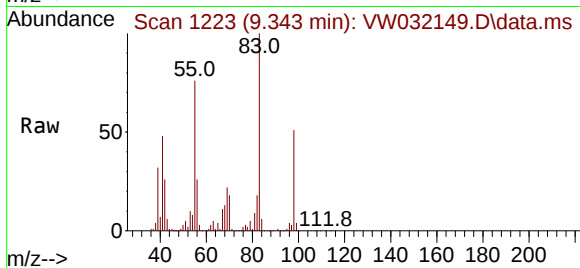
Tgt Ion: 83 Resp: 84595

Ion Ratio Lower Upper

83 100

55 76.1 58.4 87.6

98 51.1 39.4 59.2



#40

Benzene

Concen: 19.914 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032149.D

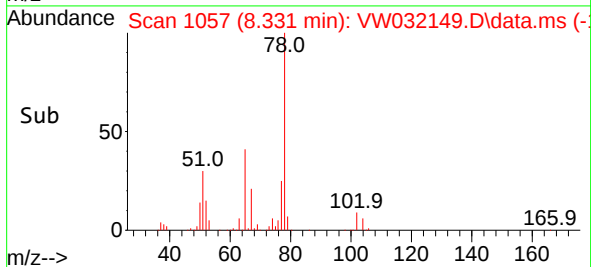
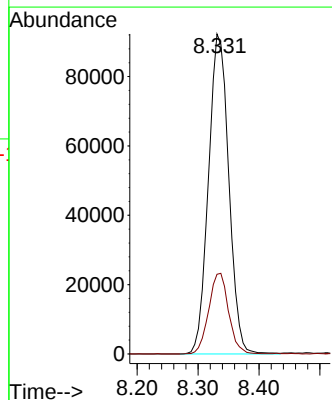
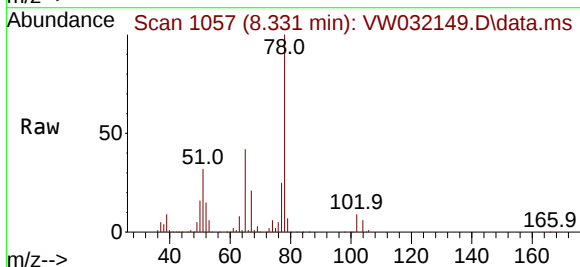
Acq: 28 Aug 2025 11:10

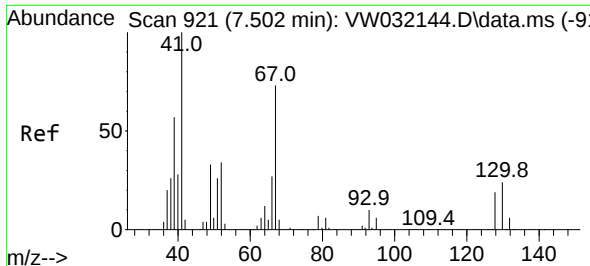
Tgt Ion: 78 Resp: 213895

Ion Ratio Lower Upper

78 100

77 24.9 20.7 31.1

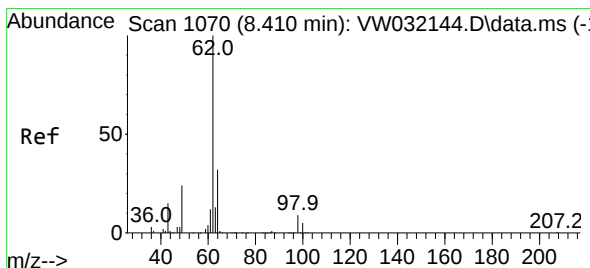
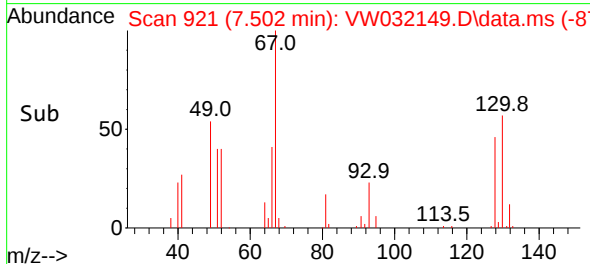
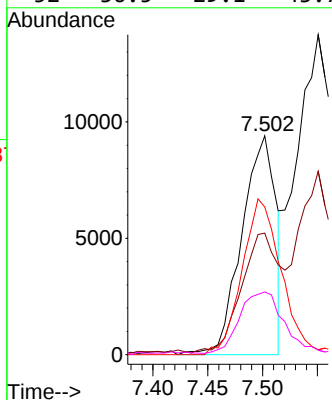
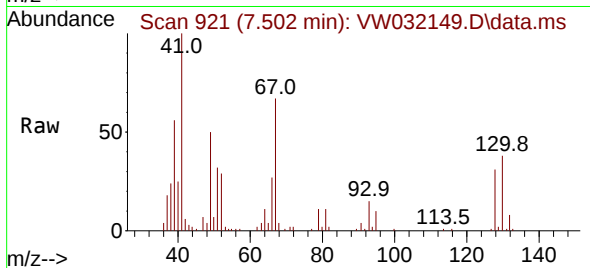




#41
Methacrylonitrile
Concen: 17.476 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

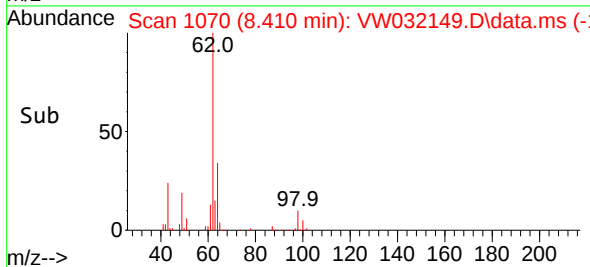
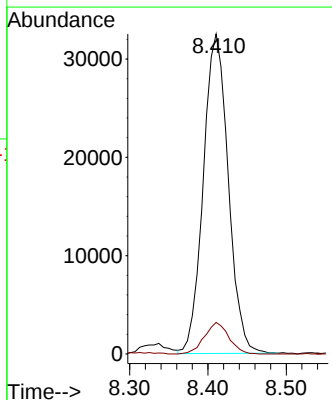
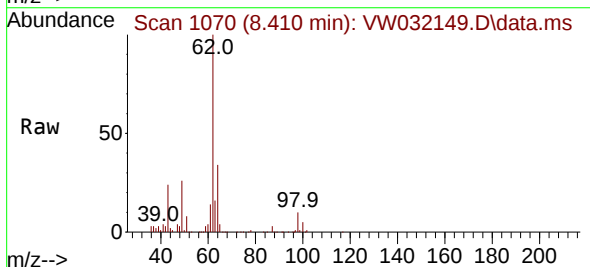
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

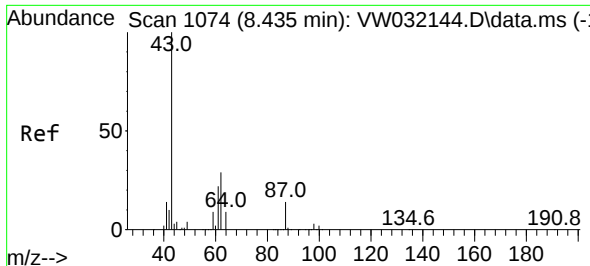
Tgt Ion:	41	Resp:	20239
Ion	Ratio	Lower	Upper
41	100		
39	62.6	50.9	76.3
67	83.3	65.6	98.4
52	36.5	29.1	43.7



#42
1,2-Dichloroethane
Concen: 19.328 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion:	62	Resp:	71968
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.0

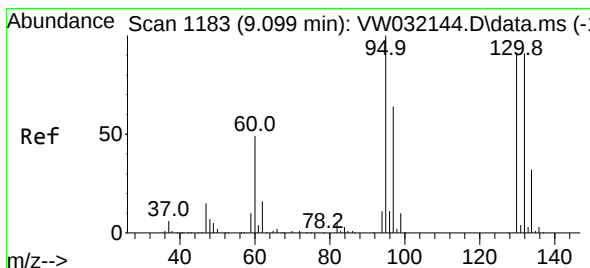
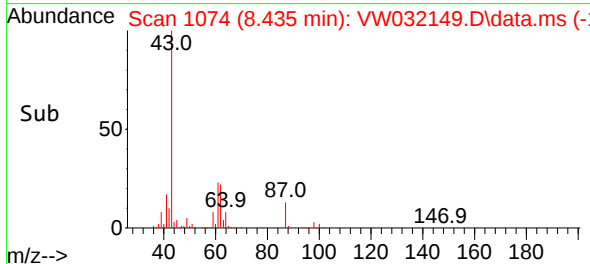
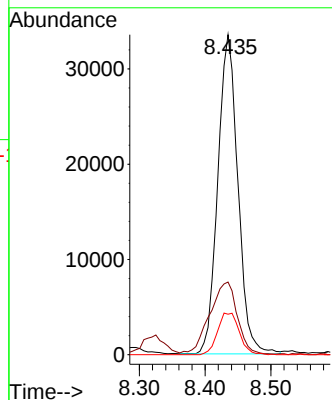
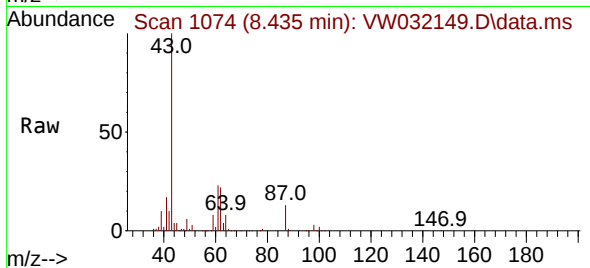




#43
Isopropyl Acetate
Concen: 18.255 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

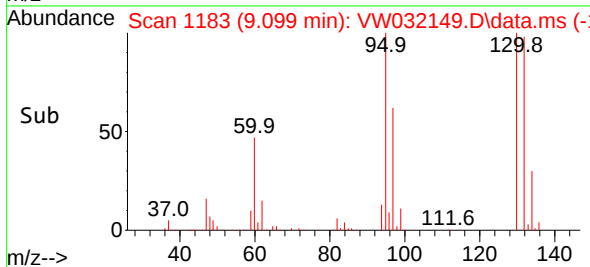
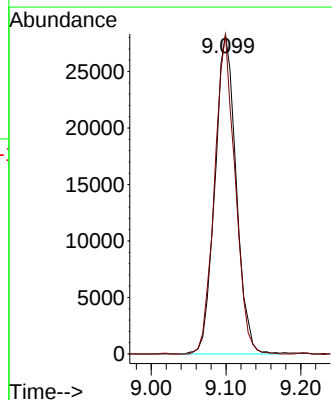
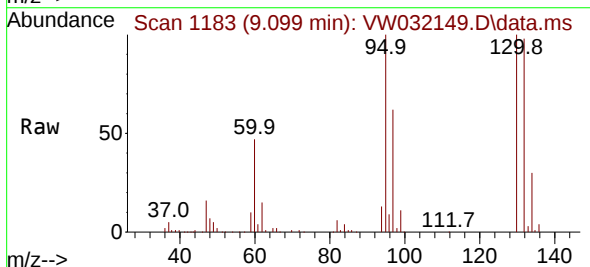
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

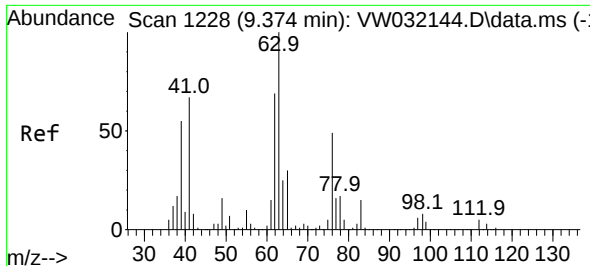
Tgt Ion: 43 Resp: 71388
Ion Ratio Lower Upper
43 100
61 31.0 23.3 34.9
87 14.1 11.1 16.7



#44
Trichloroethene
Concen: 20.670 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion:130 Resp: 55832
Ion Ratio Lower Upper
130 100
95 100.2 0.0 220.0

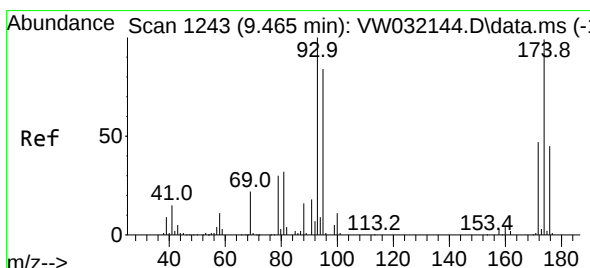
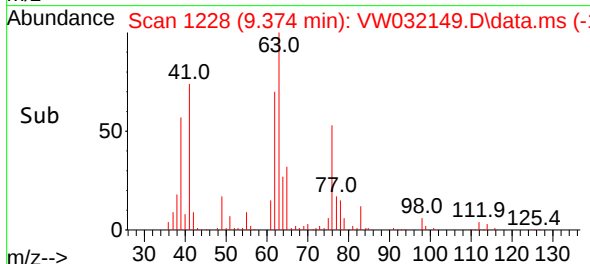
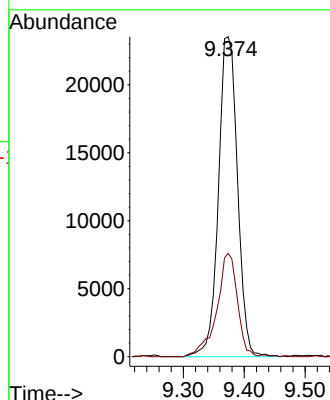
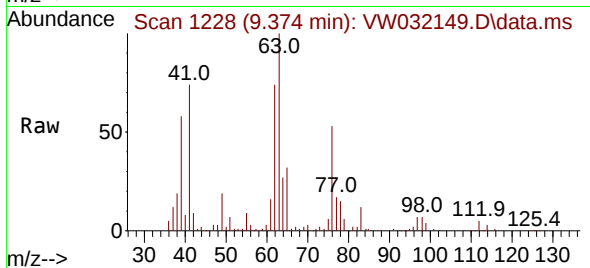




#45
1,2-Dichloropropane
Concen: 19.756 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

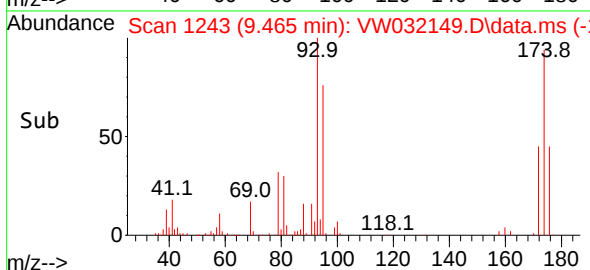
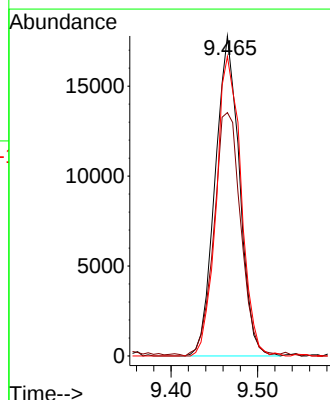
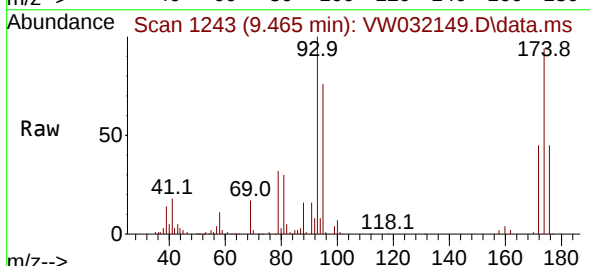
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

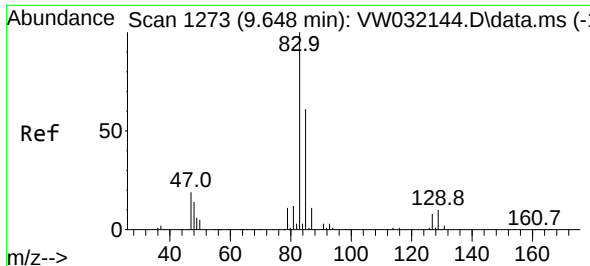
Tgt Ion: 63 Resp: 51155
Ion Ratio Lower Upper
63 100
65 32.2 24.3 36.5



#46
Dibromomethane
Concen: 19.145 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 93 Resp: 34769
Ion Ratio Lower Upper
93 100
95 83.5 67.4 101.2
174 94.9 75.7 113.5

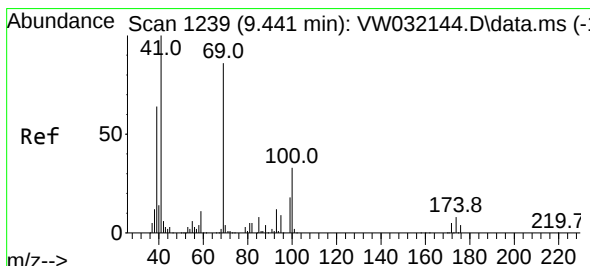
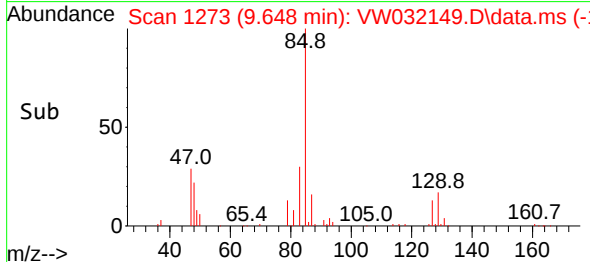
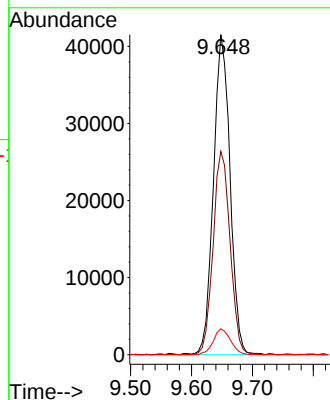
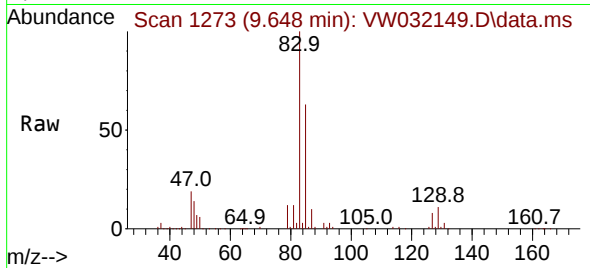




#47
Bromodichloromethane
Concen: 19.086 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

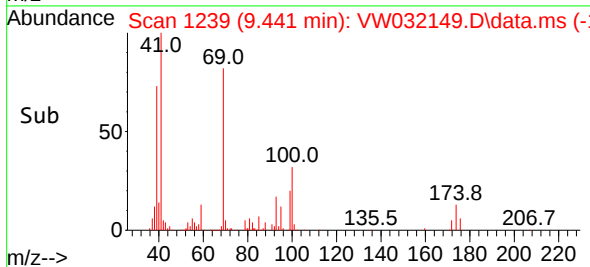
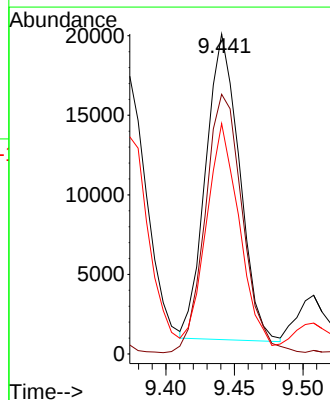
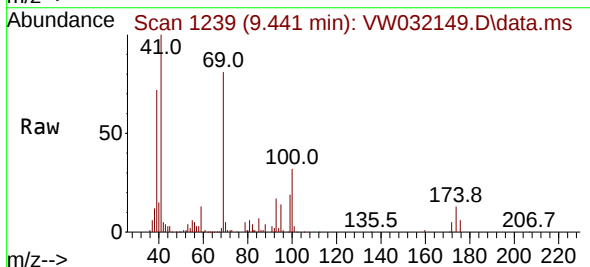
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

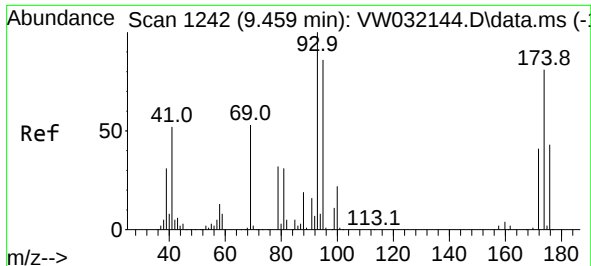
Tgt Ion:	83	Resp:	78768
Ion Ratio	Lower	Upper	
83	100		
85	63.5	48.7	73.1
127	8.1	6.4	9.6



#48
Methyl methacrylate
Concen: 18.209 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion:	41	Resp:	32815
Ion Ratio	Lower	Upper	
41	100		
69	93.7	71.5	107.3
39	69.3	55.9	83.9





#49

1,4-Dioxane

Concen: 369.598 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBL01

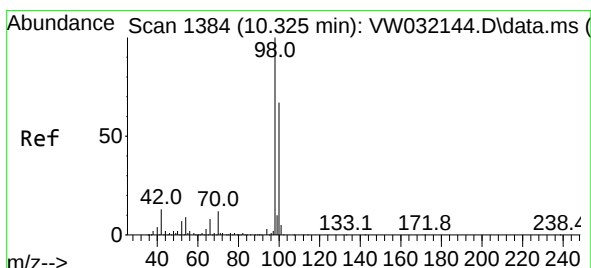
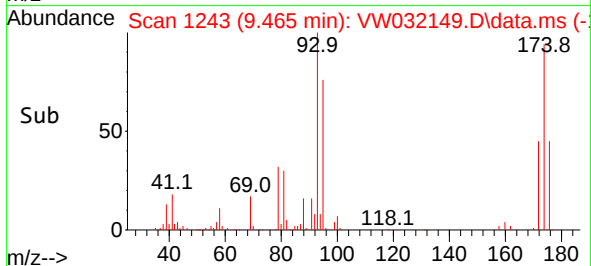
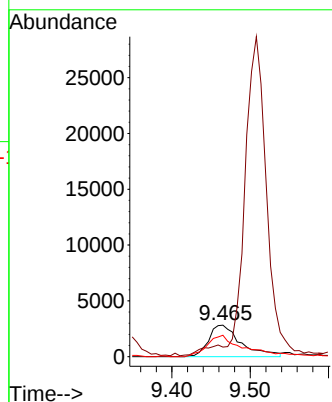
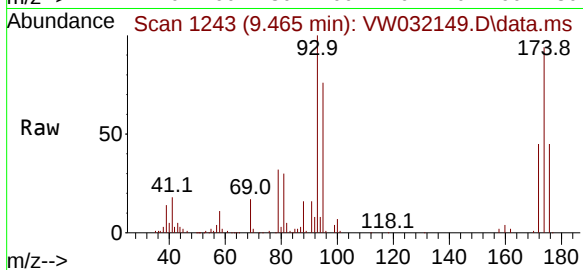
Tgt Ion: 88 Resp: 8110

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0#

58 79.4 55.4 83.0



#50

Toluene-d8

Concen: 47.544 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032149.D

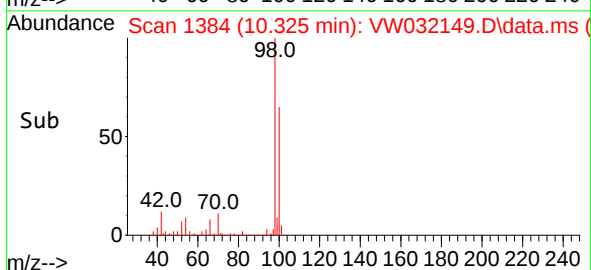
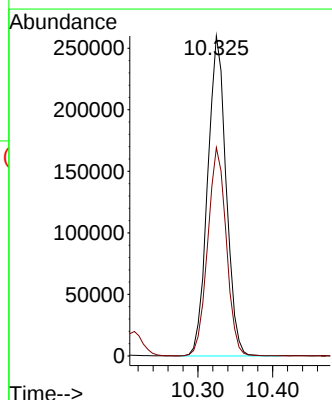
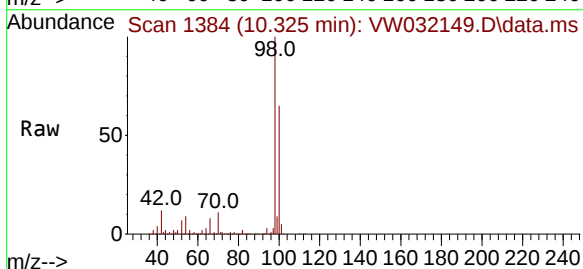
Acq: 28 Aug 2025 11:10

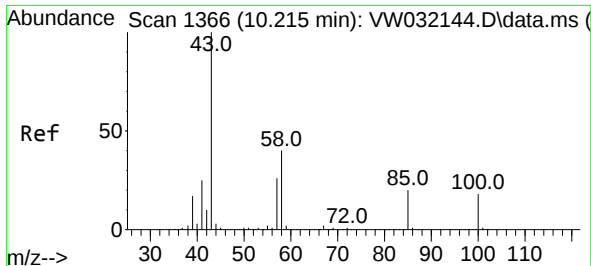
Tgt Ion: 98 Resp: 447295

Ion Ratio Lower Upper

98 100

100 65.3 51.4 77.2

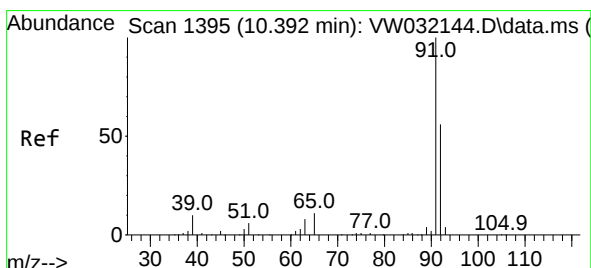
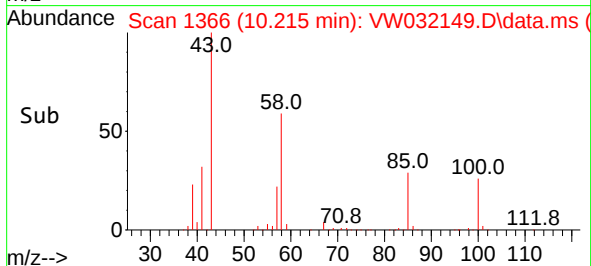
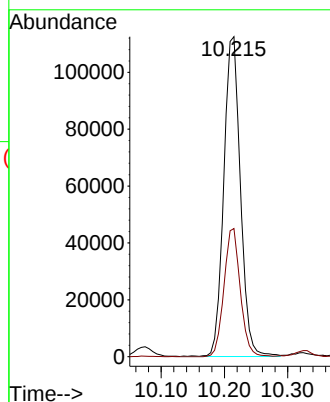
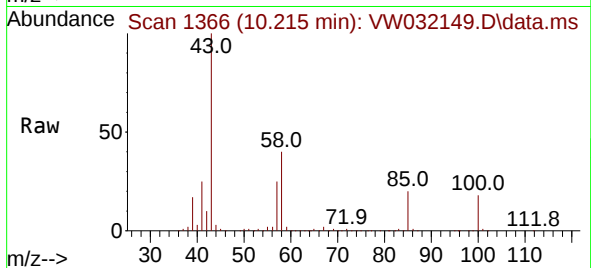




#51
4-Methyl-2-Pentanone
Concen: 92.970 ug/l
RT: 10.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

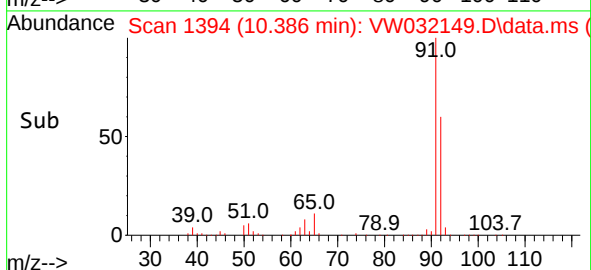
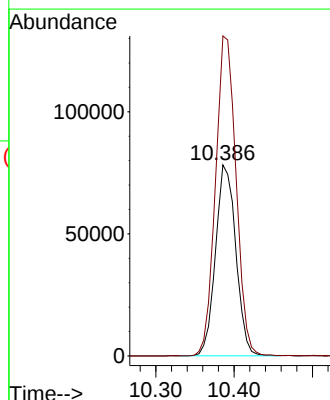
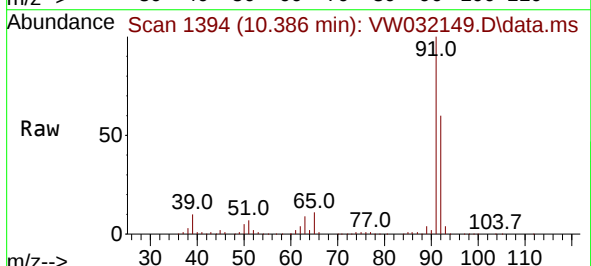
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

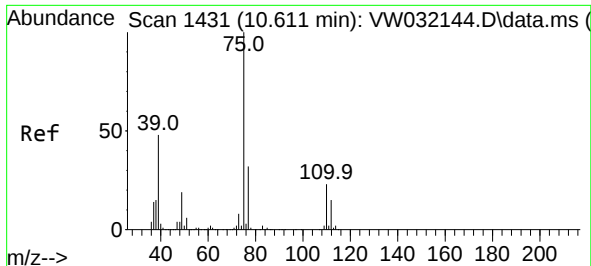
Tgt Ion: 43 Resp: 205288
Ion Ratio Lower Upper
43 100
58 39.3 32.0 48.0



#52
Toluene
Concen: 20.069 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 92 Resp: 140868
Ion Ratio Lower Upper
92 100
91 170.0 137.5 206.3

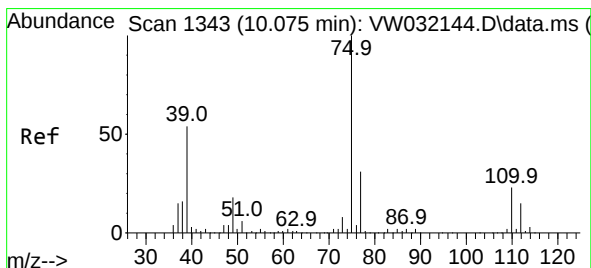
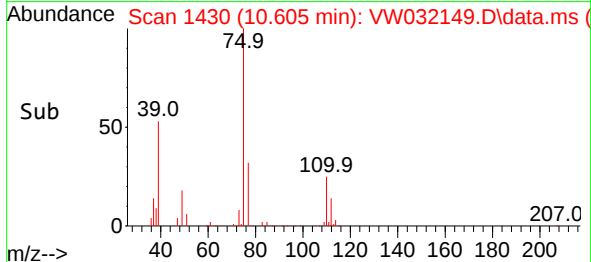
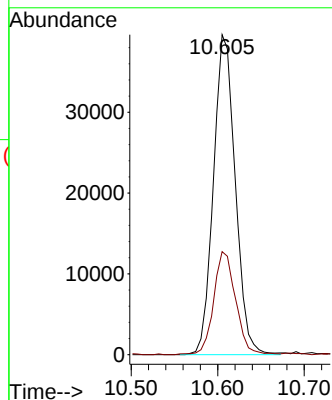
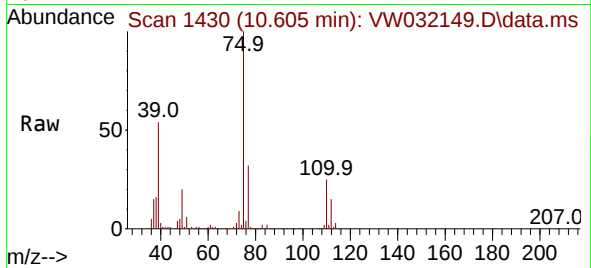




#53
t-1,3-Dichloropropene
Concen: 19.047 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

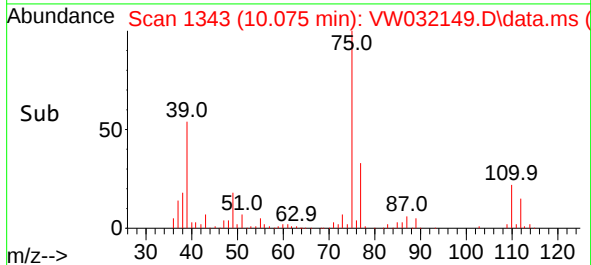
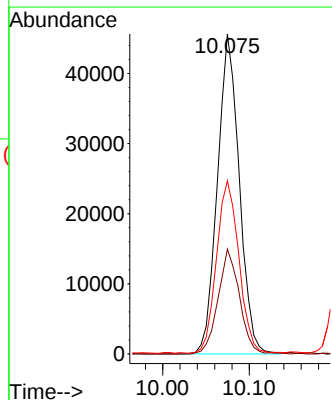
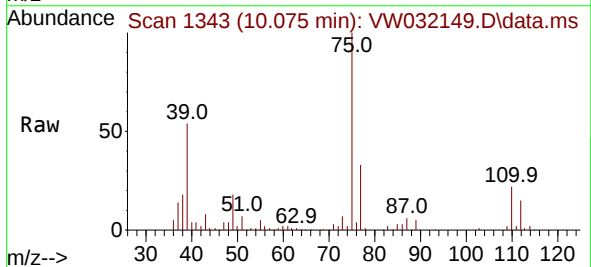
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

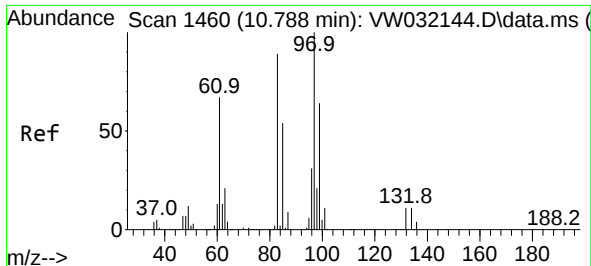
Tgt Ion: 75 Resp: 69345
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 19.249 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 75 Resp: 79965
Ion Ratio Lower Upper
75 100
77 32.8 25.1 37.7
39 53.7 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 18.985 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBL01

Tgt Ion: 97 Resp: 44834

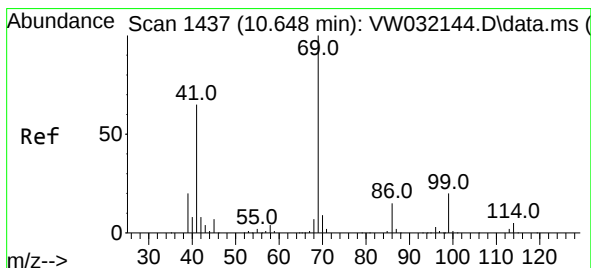
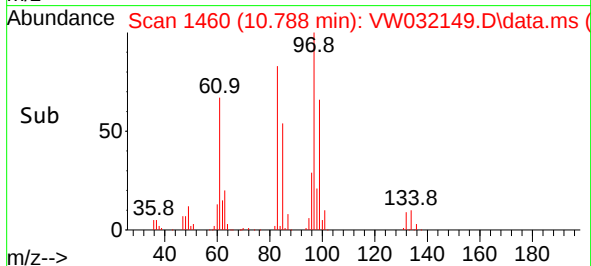
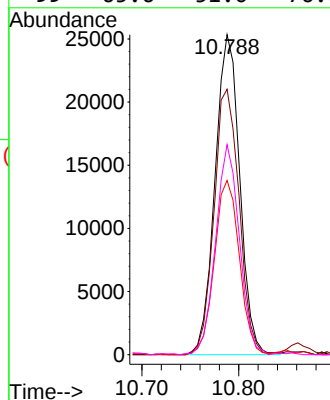
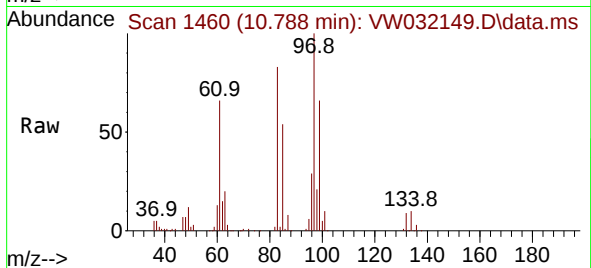
Ion Ratio Lower Upper

97 100

83 82.9 71.0 106.6

85 54.4 42.8 64.2

99 65.6 51.0 76.6



#56

Ethyl methacrylate

Concen: 18.214 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

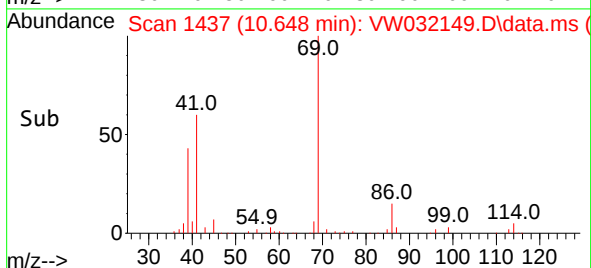
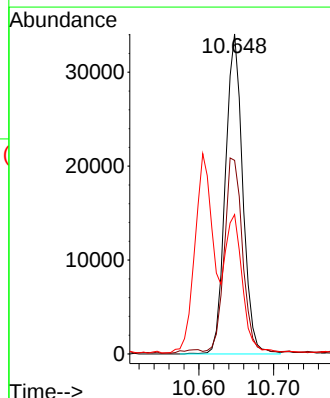
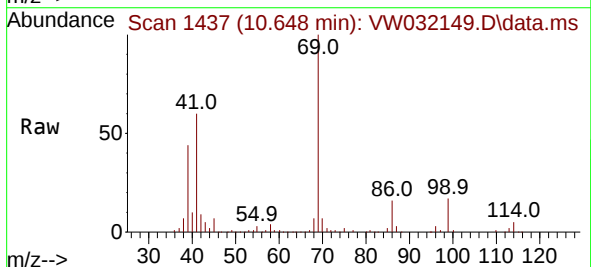
Tgt Ion: 69 Resp: 54991

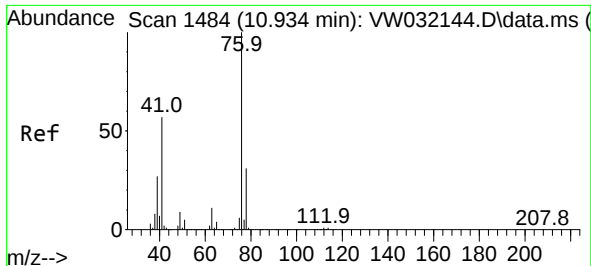
Ion Ratio Lower Upper

69 100

41 63.6 53.2 79.8

39 41.0 32.9 49.3





#57

1,3-Dichloropropane

Concen: 19.165 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

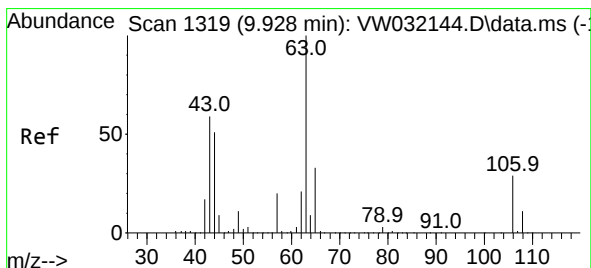
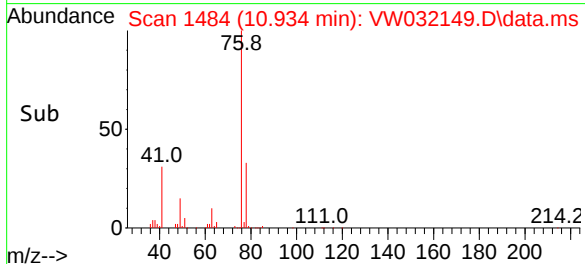
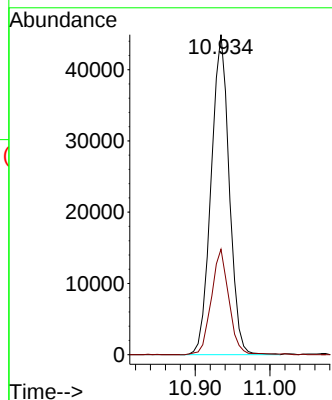
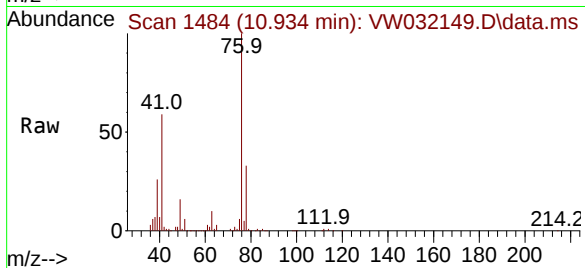
VW0828SBL01

Tgt Ion: 76 Resp: 75786

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 93.954 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032149.D

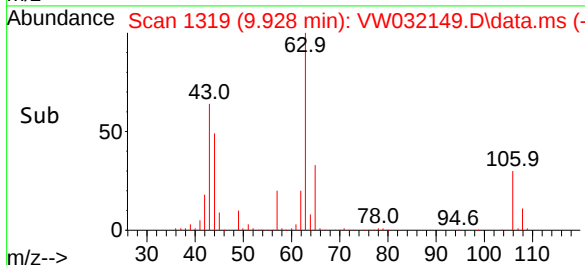
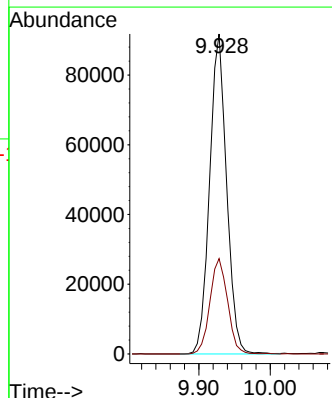
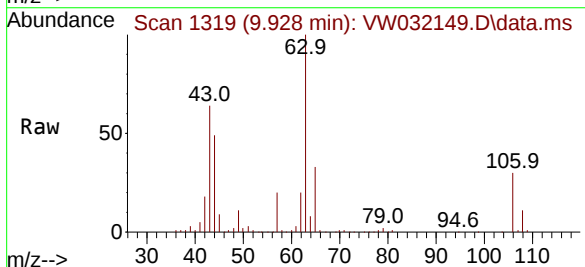
Acq: 28 Aug 2025 11:10

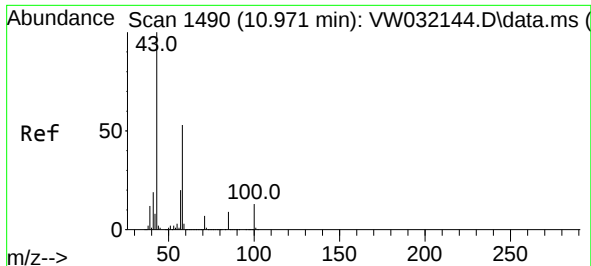
Tgt Ion: 63 Resp: 151410

Ion Ratio Lower Upper

63 100

106 30.9 24.3 36.5





#59

2-Hexanone

Concen: 99.965 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

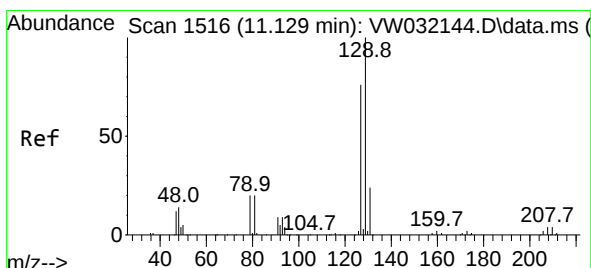
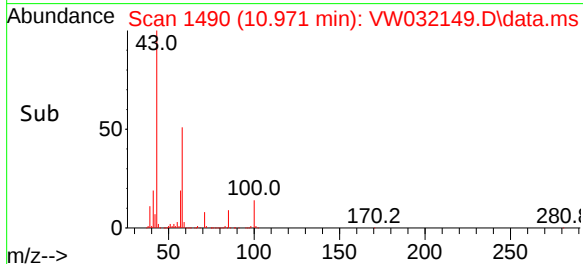
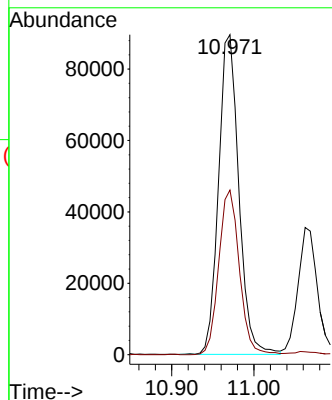
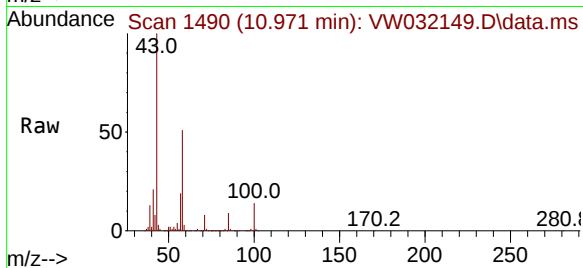
VW0828SBL01

Tgt Ion: 43 Resp: 153515

Ion Ratio Lower Upper

43 100

58 52.4 27.5 82.4



#60

Dibromochloromethane

Concen: 19.232 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW032149.D

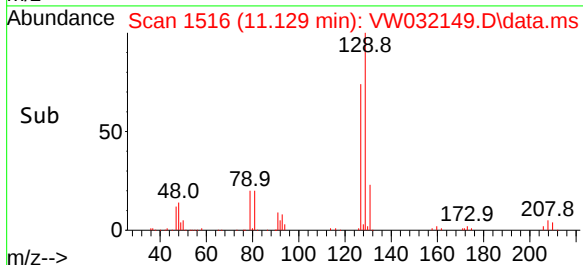
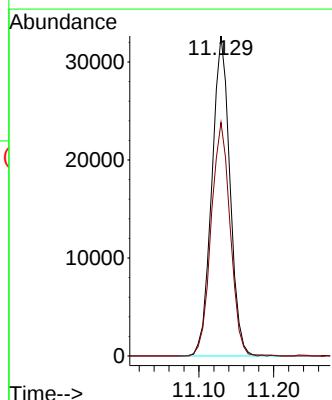
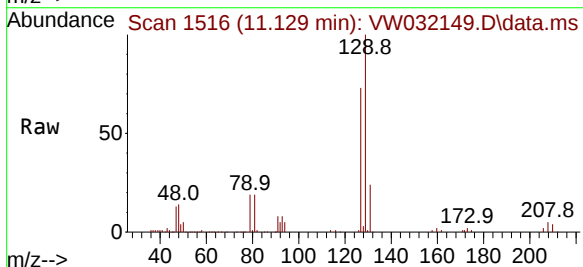
Acq: 28 Aug 2025 11:10

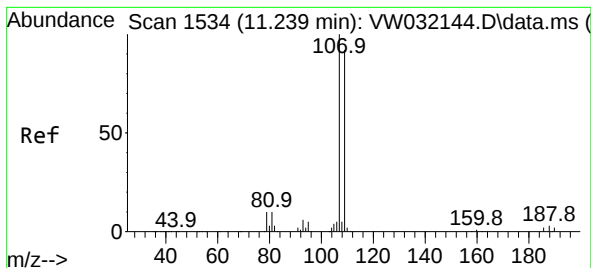
Tgt Ion:129 Resp: 54958

Ion Ratio Lower Upper

129 100

127 76.4 38.1 114.5

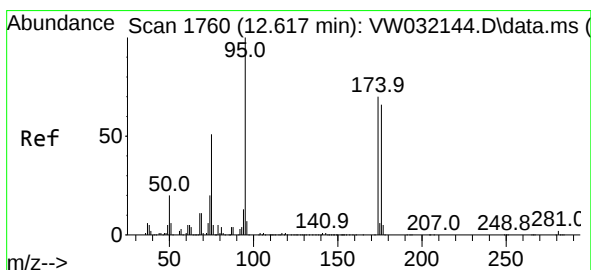
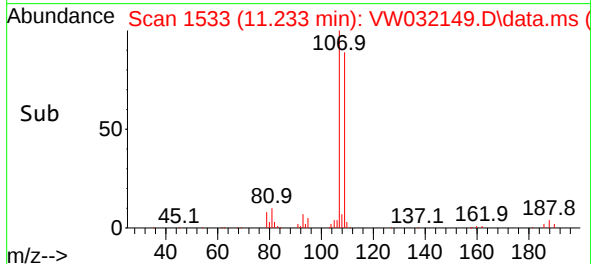
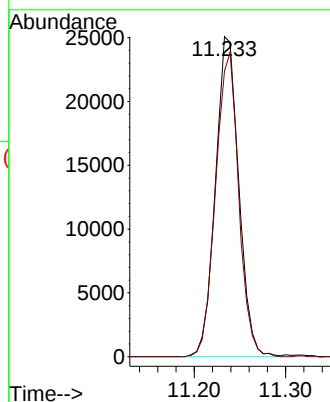
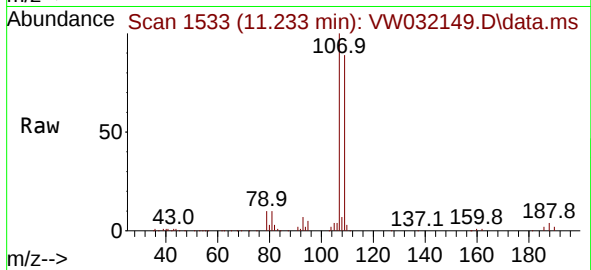




#61
1,2-Dibromoethane
Concen: 19.151 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

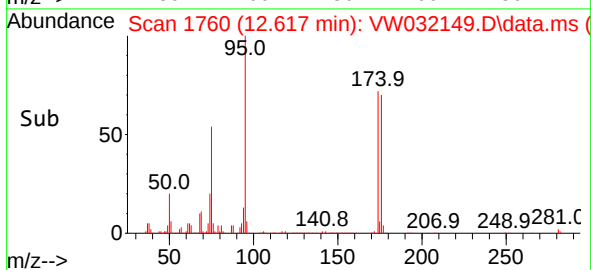
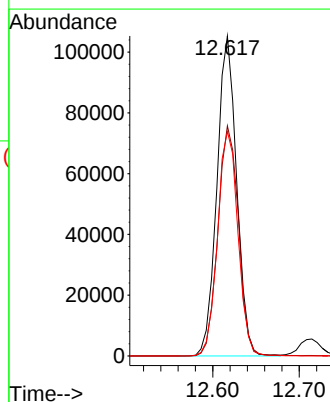
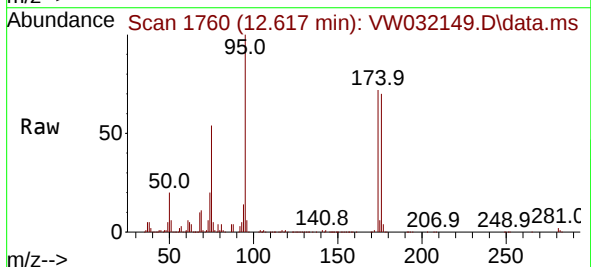
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

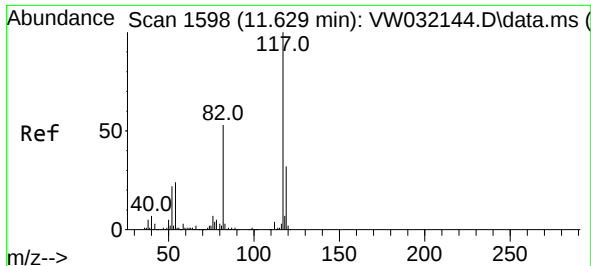
Tgt Ion:107 Resp: 44476
Ion Ratio Lower Upper
107 100
109 94.1 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 47.866 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 95 Resp: 166523
Ion Ratio Lower Upper
95 100
174 74.9 0.0 145.6
176 72.6 0.0 140.8

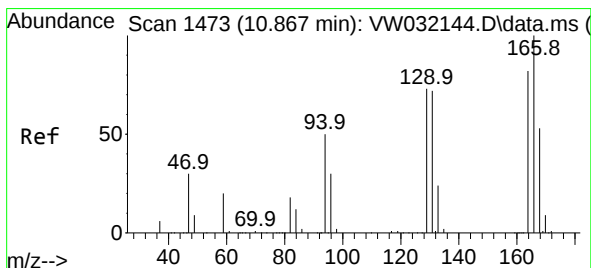
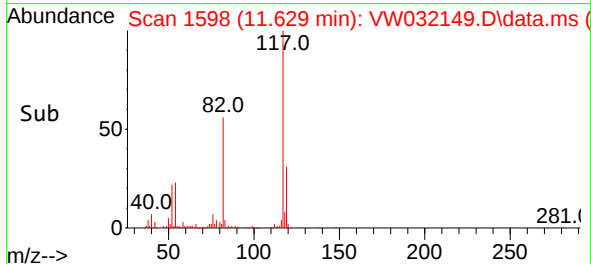
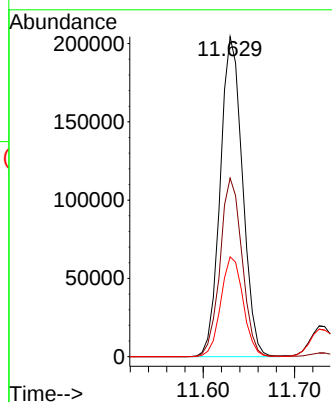
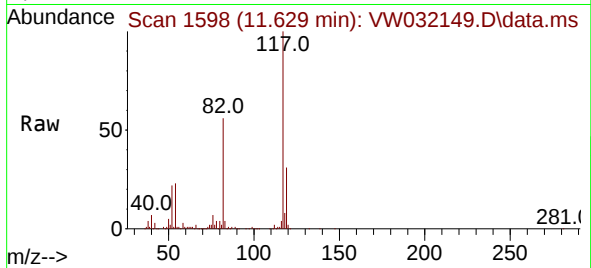




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

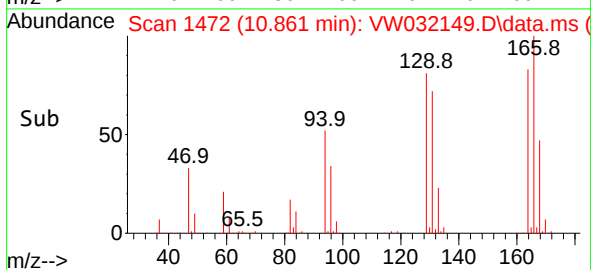
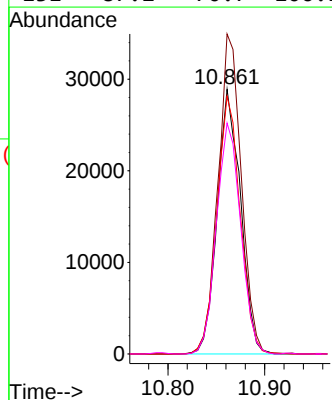
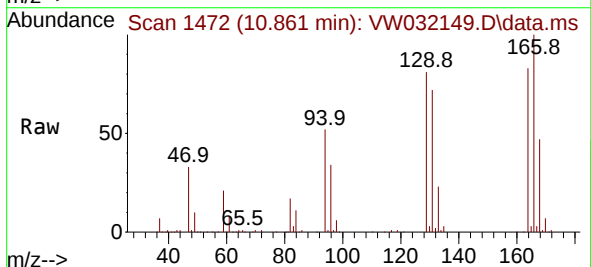
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

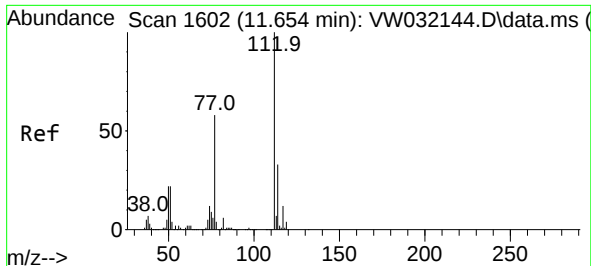
Tgt Ion:117 Resp: 346227
Ion Ratio Lower Upper
117 100
82 55.8 42.7 64.1
119 31.2 25.2 37.8



#64
Tetrachloroethene
Concen: 21.162 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion:164 Resp: 48222
Ion Ratio Lower Upper
164 100
166 120.9 97.5 146.3
129 97.4 71.2 106.8
131 87.2 70.7 106.1

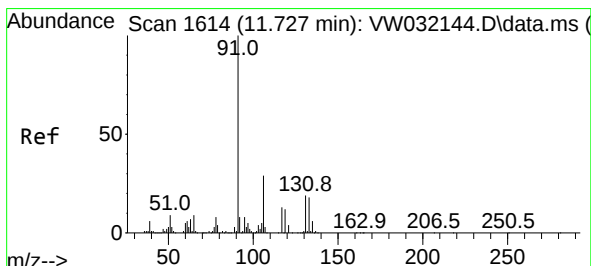
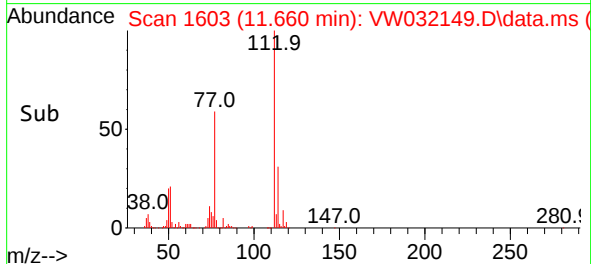
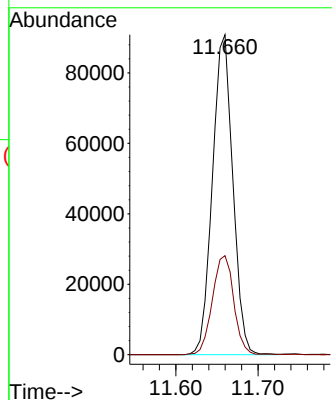
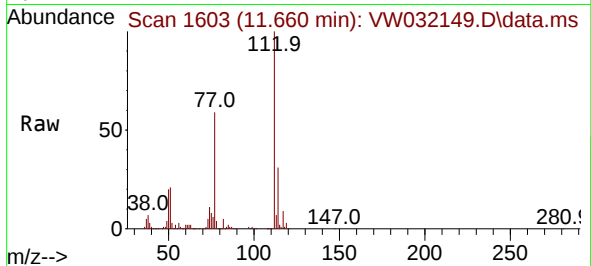




#65
Chlorobenzene
Concen: 19.853 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

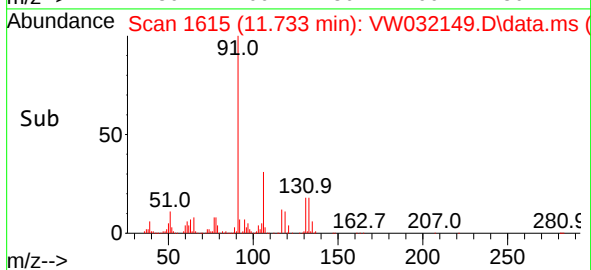
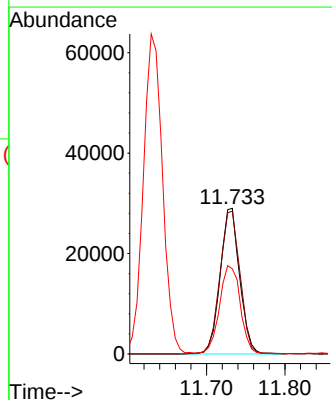
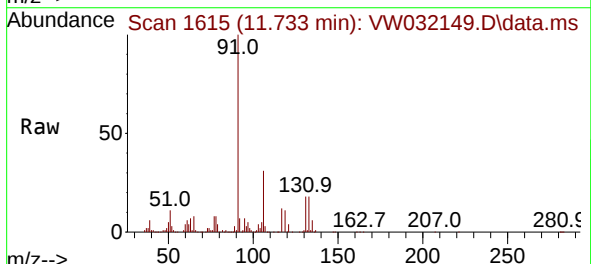
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

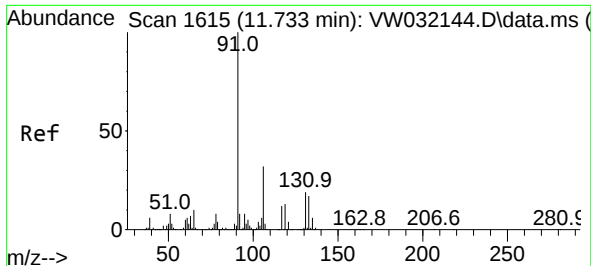
Tgt Ion:112 Resp: 156453
Ion Ratio Lower Upper
112 100
114 31.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.346 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion:131 Resp: 50195
Ion Ratio Lower Upper
131 100
133 101.5 47.7 143.1
119 64.2 32.8 98.3





#67

Ethyl Benzene

Concen: 20.826 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

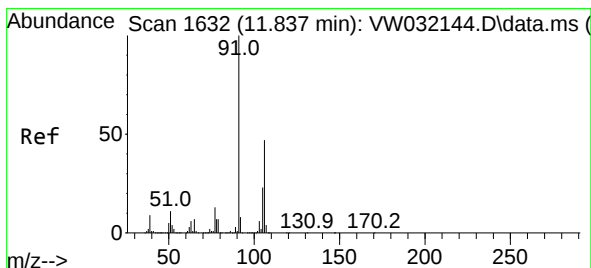
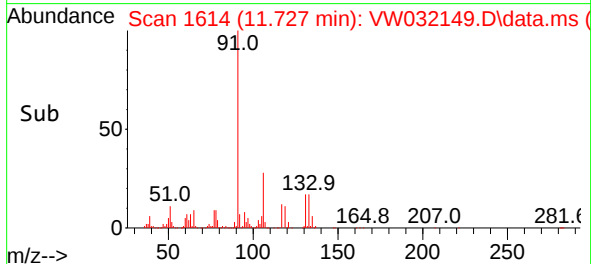
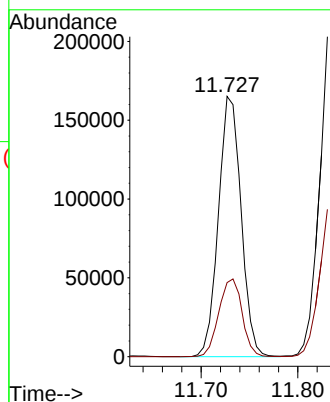
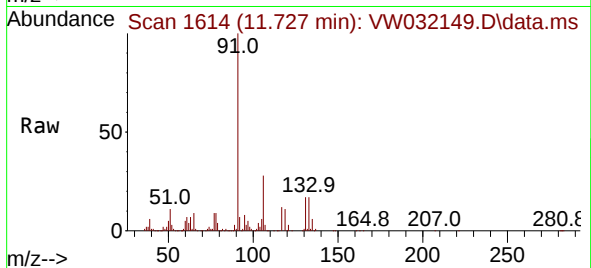
VW0828SBL01

Tgt Ion: 91 Resp: 268909

Ion Ratio Lower Upper

91 100

106 28.4 25.3 37.9



#68

m/p-Xylenes

Concen: 41.755 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032149.D

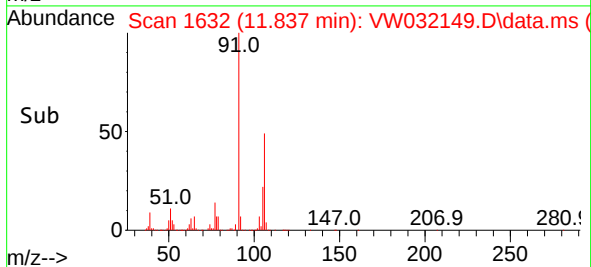
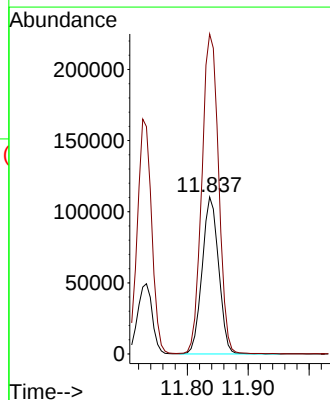
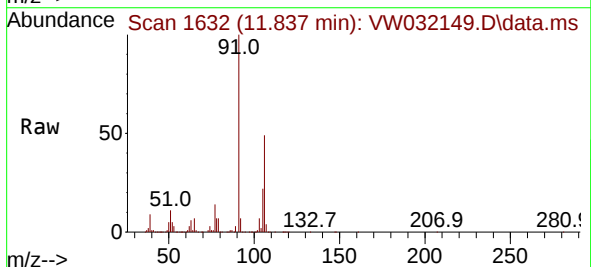
Acq: 28 Aug 2025 11:10

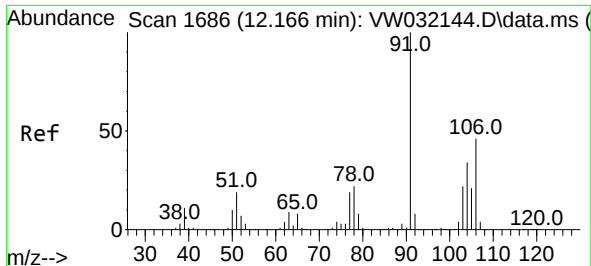
Tgt Ion: 106 Resp: 207495

Ion Ratio Lower Upper

106 100

91 207.4 164.2 246.2

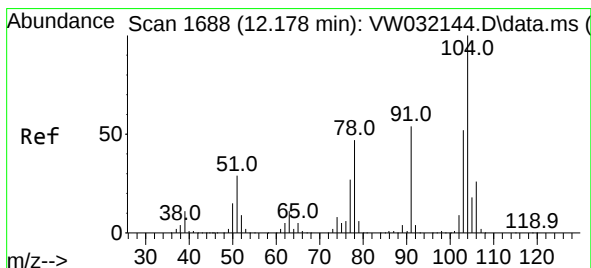
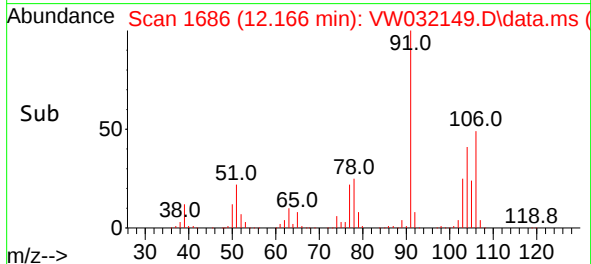
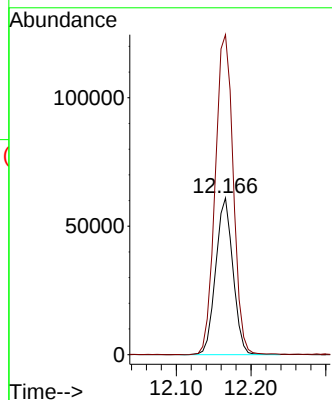
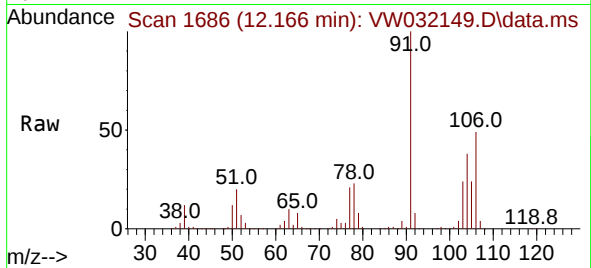




#69
o-Xylene
Concen: 20.803 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

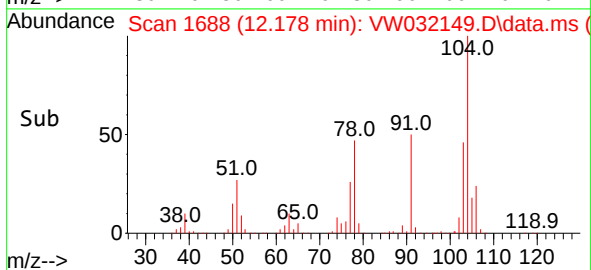
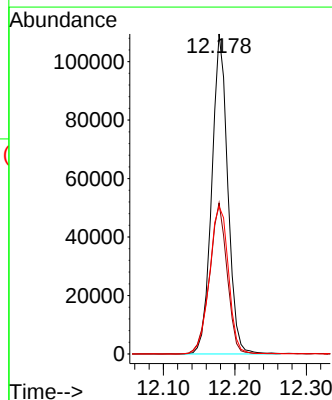
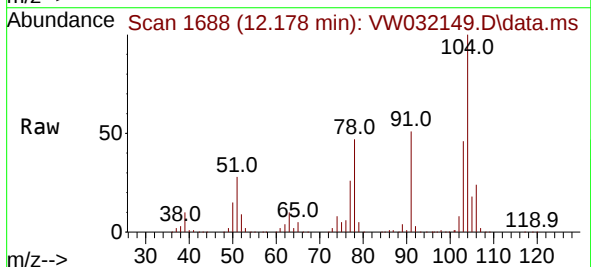
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

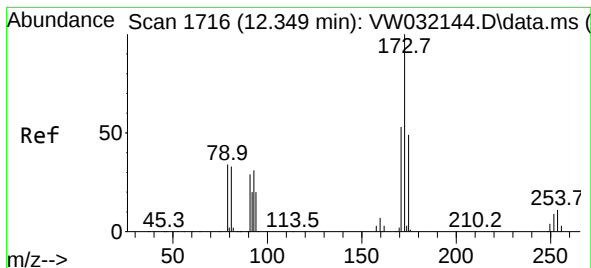
Tgt Ion:106 Resp: 97785
Ion Ratio Lower Upper
106 100
91 213.8 108.7 326.3



#70
Styrene
Concen: 20.553 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion:104 Resp: 170300
Ion Ratio Lower Upper
104 100
78 51.6 41.6 62.4
103 54.6 44.8 67.2





#71

Bromoform

Concen: 19.257 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBL01

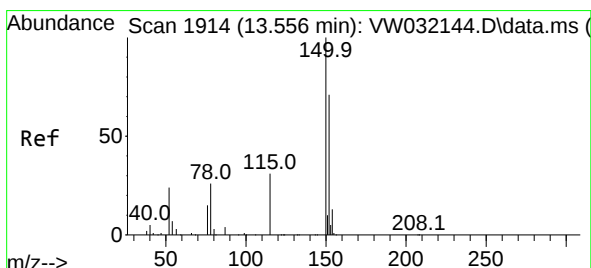
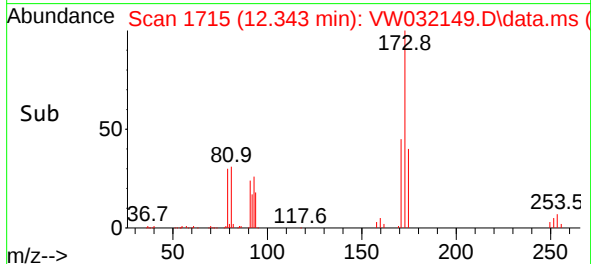
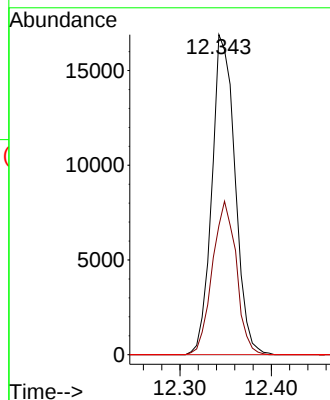
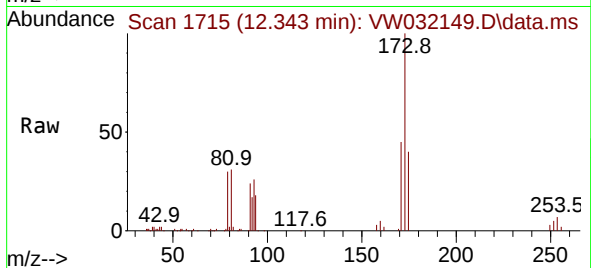
Tgt Ion:173 Resp: 29674

Ion Ratio Lower Upper

173 100

175 49.6 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: VW032149.D

Acq: 28 Aug 2025 11:10

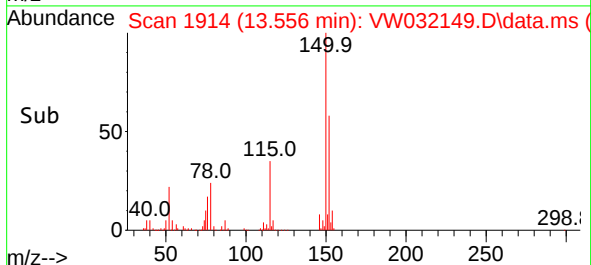
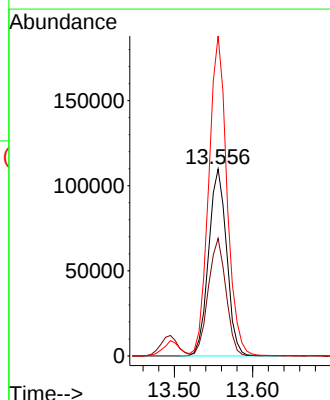
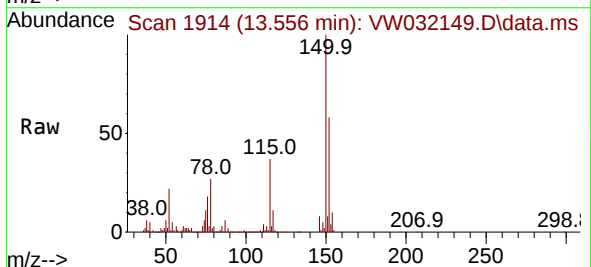
Tgt Ion:152 Resp: 175660

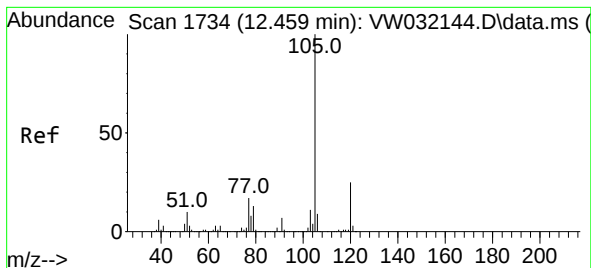
Ion Ratio Lower Upper

152 100

115 61.5 31.8 95.4

150 172.7 0.0 343.0





#73

Isopropylbenzene

Concen: 20.847 ug/l

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

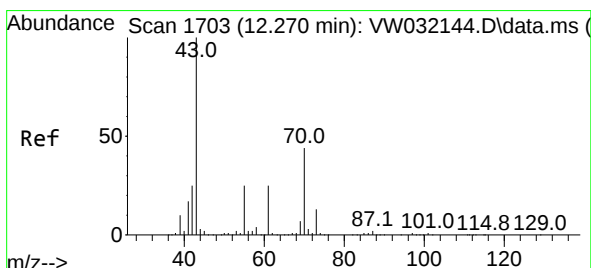
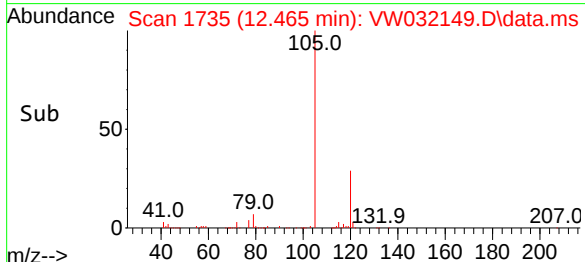
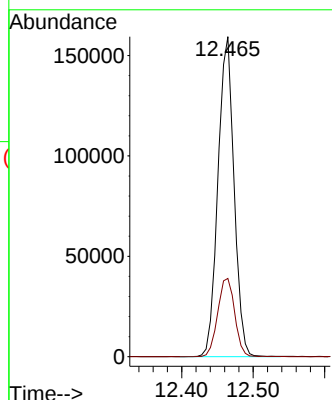
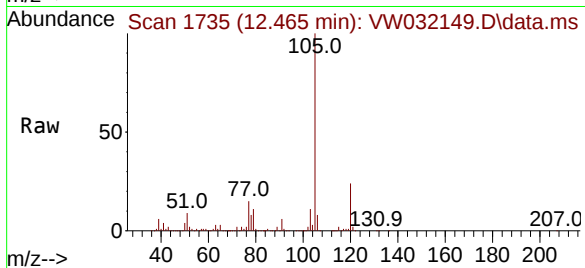
VW0828SBL01

Tgt Ion:105 Resp: 248787

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 18.819 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Tgt Ion: 43 Resp: 65204

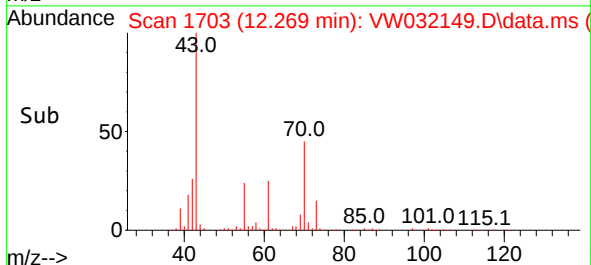
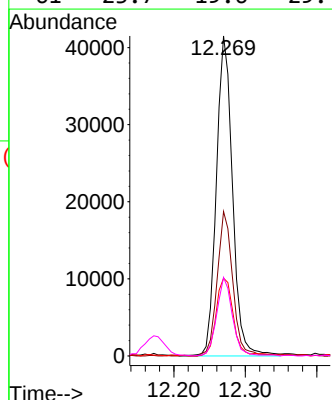
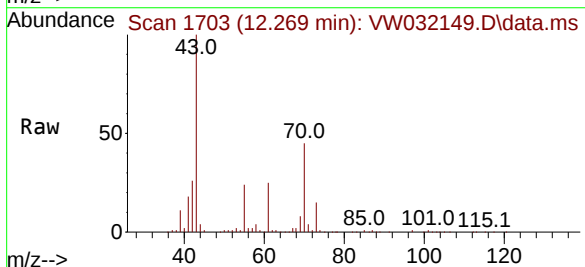
Ion Ratio Lower Upper

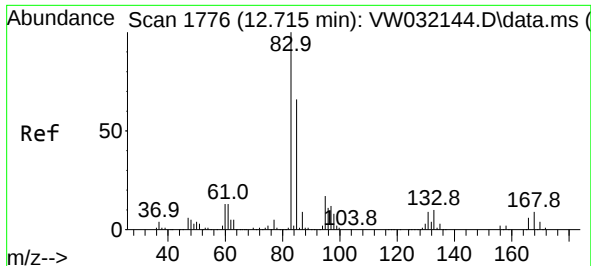
43 100

70 43.6 35.3 52.9

55 26.2 19.9 29.9

61 23.7 19.6 29.4

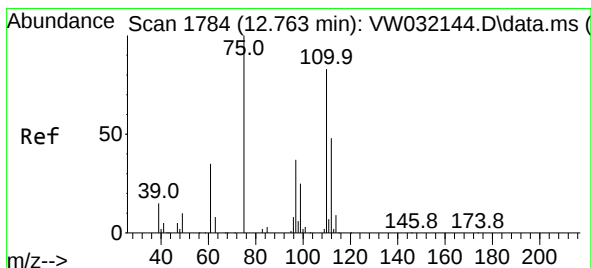
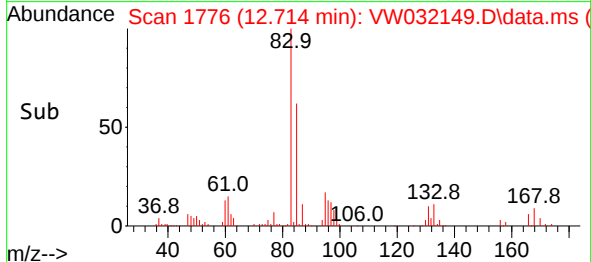
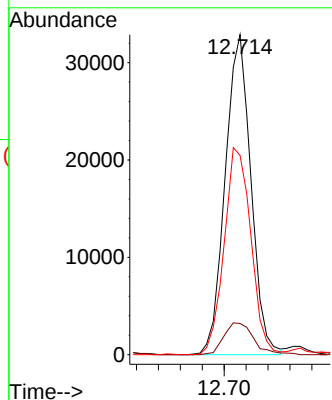
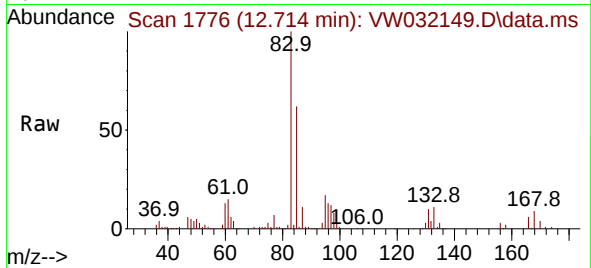




#75
1,1,2,2-Tetrachloroethane
Concen: 18.899 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

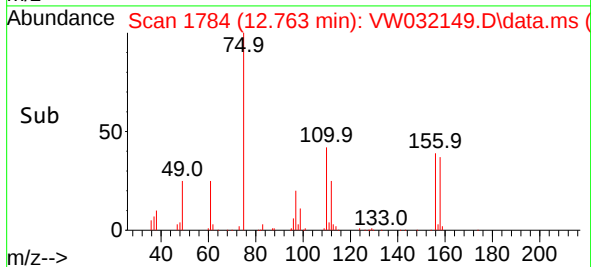
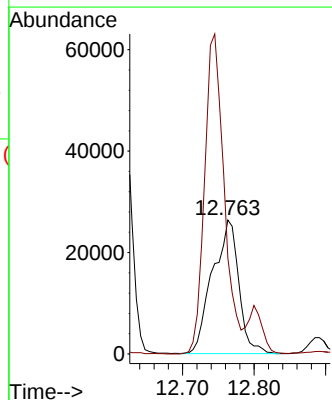
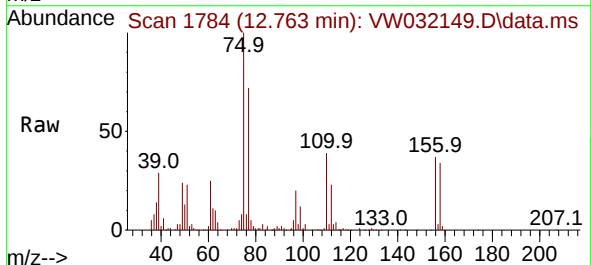
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

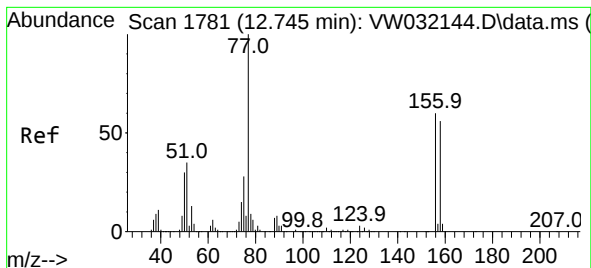
Tgt Ion: 83 Resp: 53600
Ion Ratio Lower Upper
83 100
131 11.5 5.1 15.4
85 67.2 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 30.632 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 75 Resp: 67410
Ion Ratio Lower Upper
75 100
77 177.8 141.7 425.1

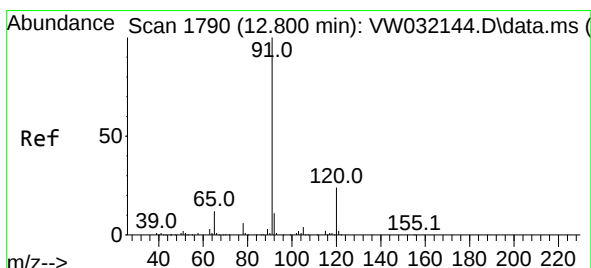
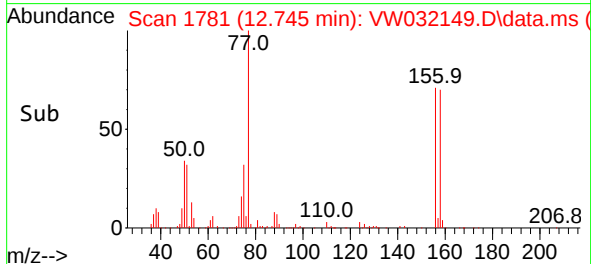
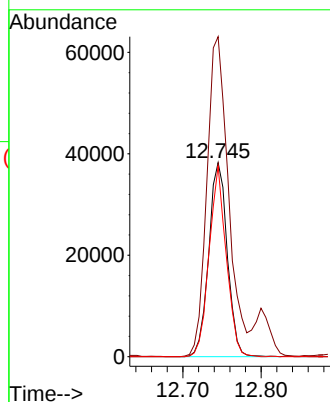
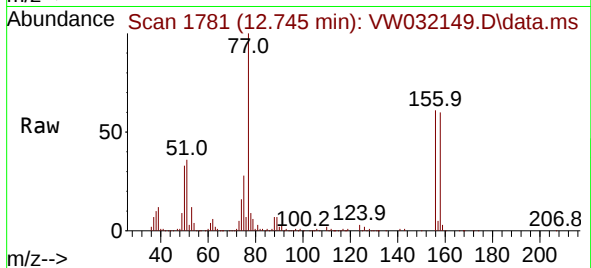




#77
Bromobenzene
Concen: 20.687 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

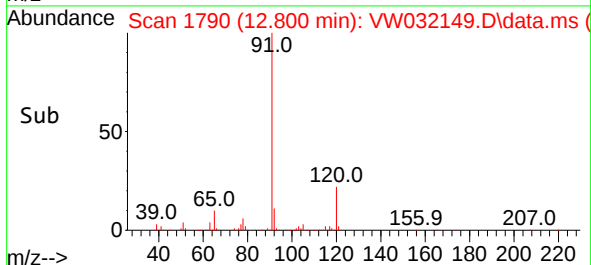
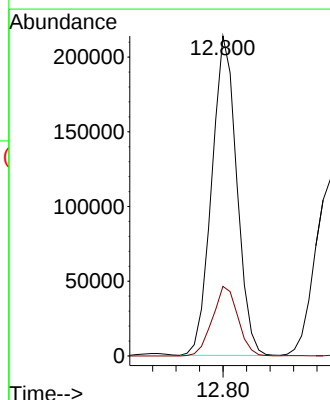
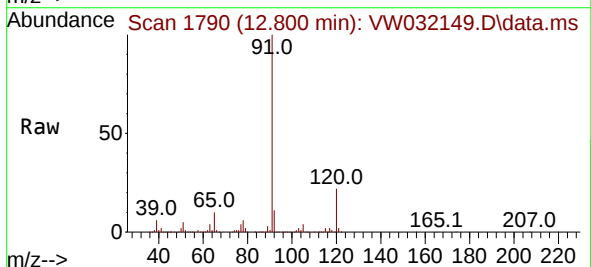
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

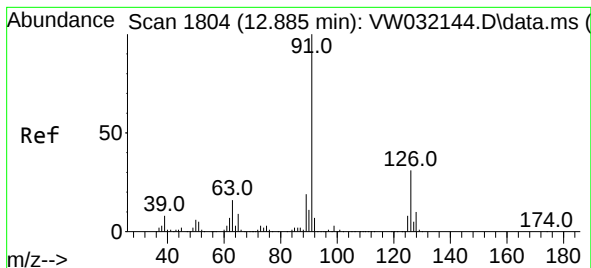
Tgt Ion:156 Resp: 62956
Ion Ratio Lower Upper
156 100
77 190.4 98.6 295.7
158 90.9 48.4 145.0



#78
n-propylbenzene
Concen: 21.829 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 91 Resp: 316270
Ion Ratio Lower Upper
91 100
120 22.2 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.854 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

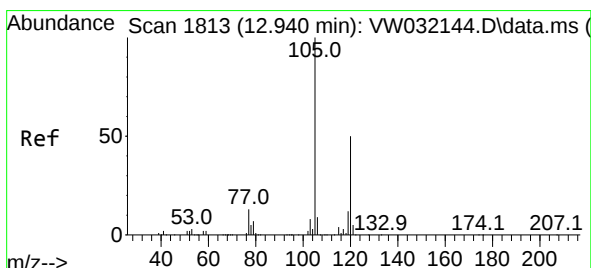
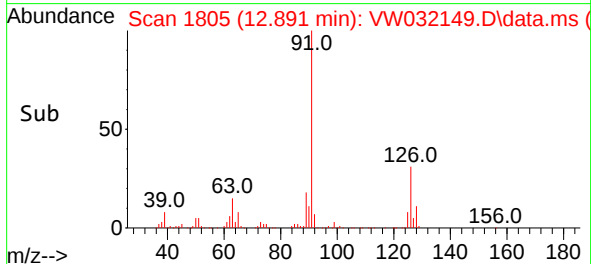
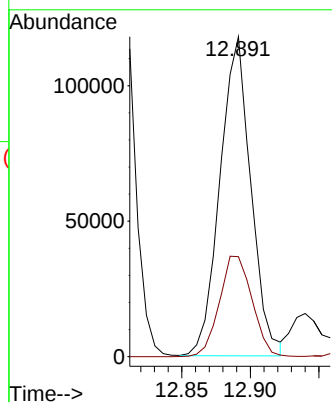
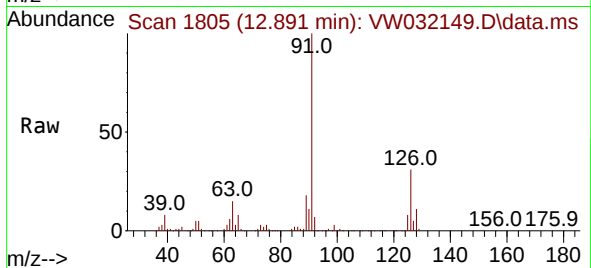
VW0828SBL01

Tgt Ion: 91 Resp: 184759

Ion Ratio Lower Upper

91 100

126 33.4 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 21.465 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032149.D

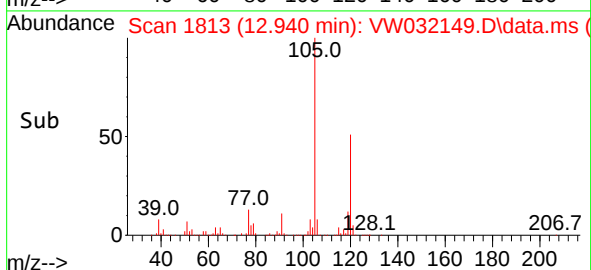
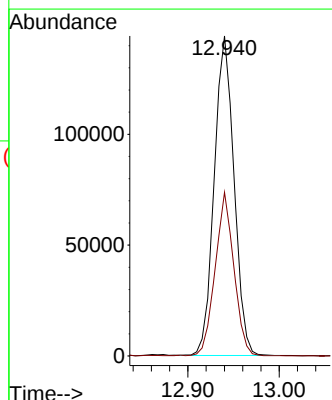
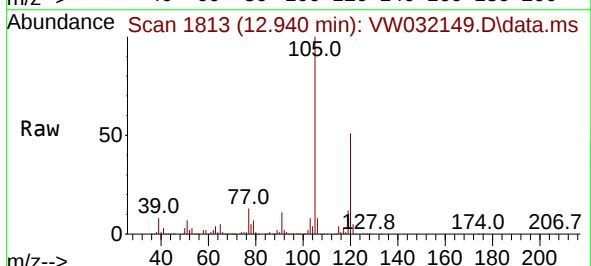
Acq: 28 Aug 2025 11:10

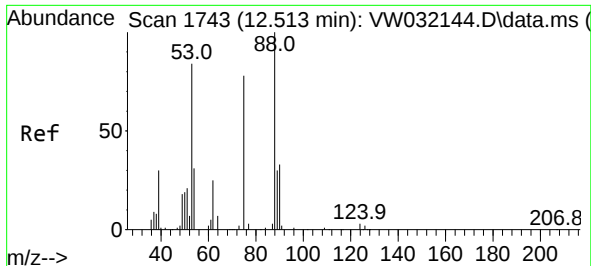
Tgt Ion: 105 Resp: 216882

Ion Ratio Lower Upper

105 100

120 48.9 24.8 74.4

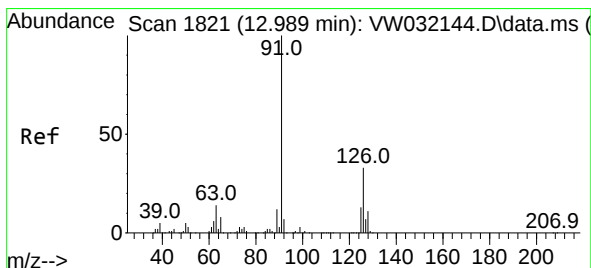
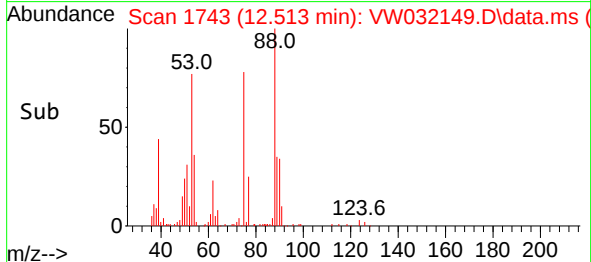
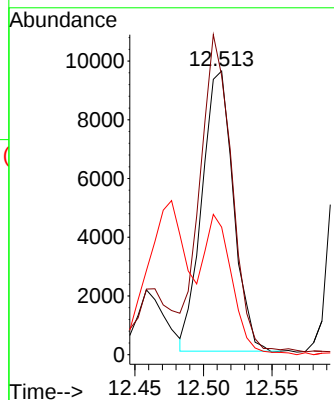
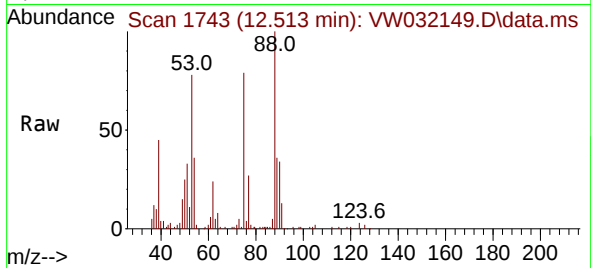




#81
trans-1,4-Dichloro-2-butene
Concen: 18.640 ug/l
RT: 12.513 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

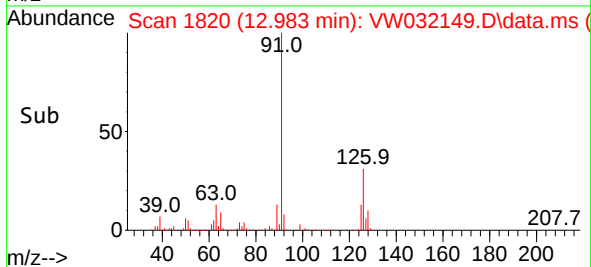
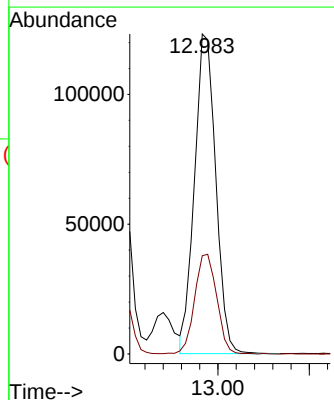
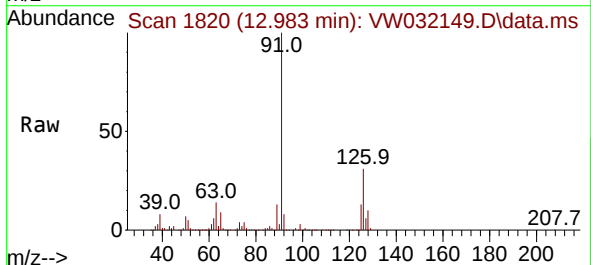
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

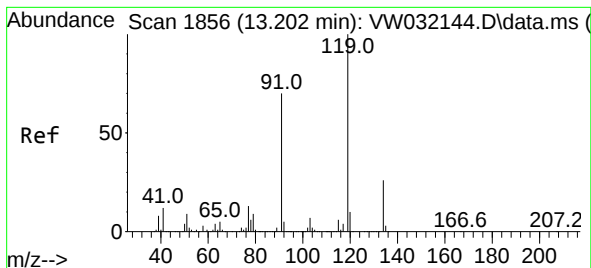
Tgt Ion: 75 Resp: 15235
Ion Ratio Lower Upper
75 100
53 114.6 91.0 136.6
89 43.8 39.4 59.2



#82
4-Chlorotoluene
Concen: 21.016 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032149.D
Acq: 28 Aug 2025 11:10

Tgt Ion: 91 Resp: 199307
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.2

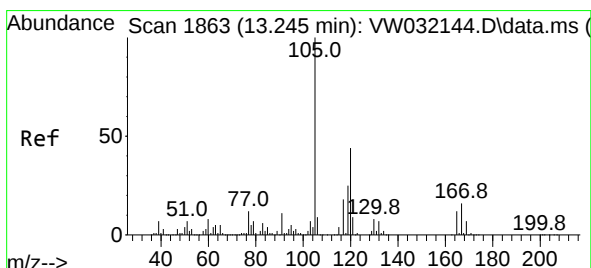
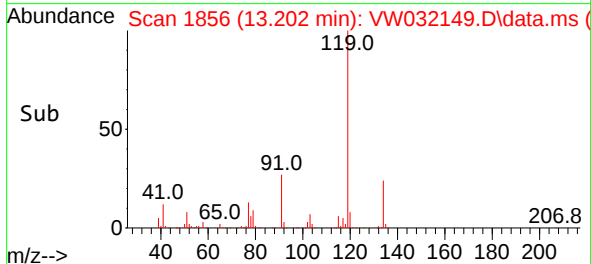
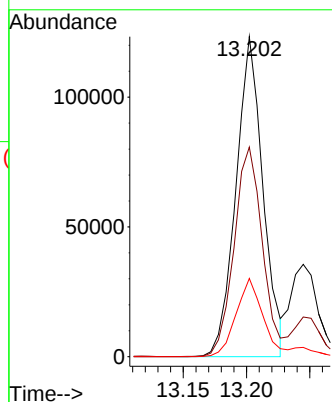
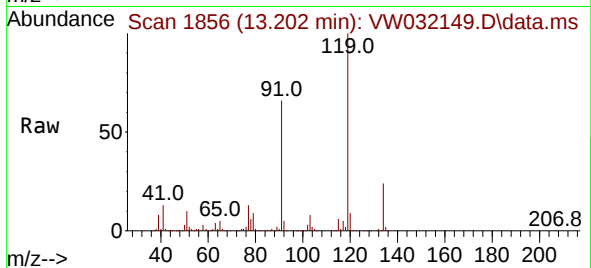




#83
 tert-Butylbenzene
 Concen: 21.428 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: VW032149.D
 Acq: 28 Aug 2025 11:10

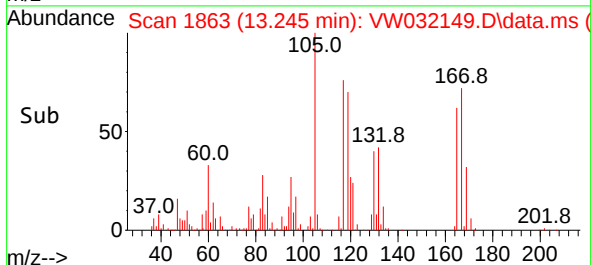
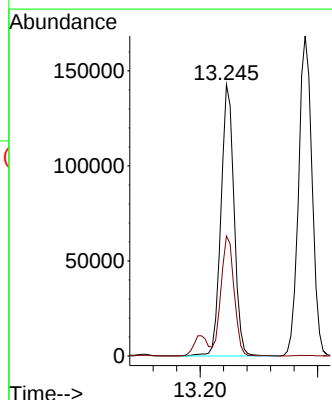
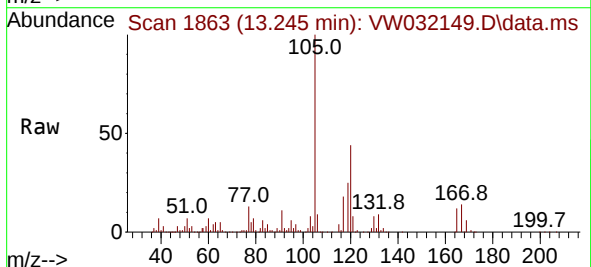
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBL01

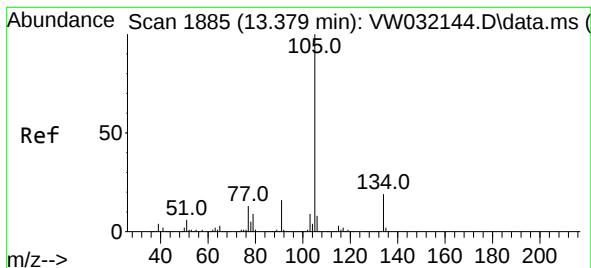
Tgt Ion:119 Resp: 183572
 Ion Ratio Lower Upper
 119 100
 91 68.1 33.8 101.3
 134 24.4 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.092 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW032149.D
 Acq: 28 Aug 2025 11:10

Tgt Ion:105 Resp: 220476
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.889 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

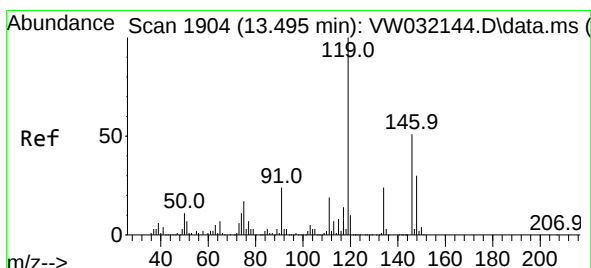
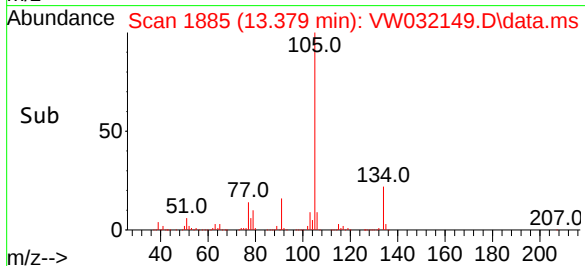
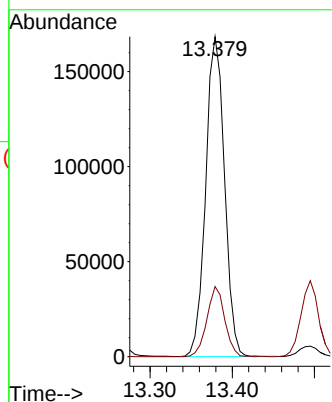
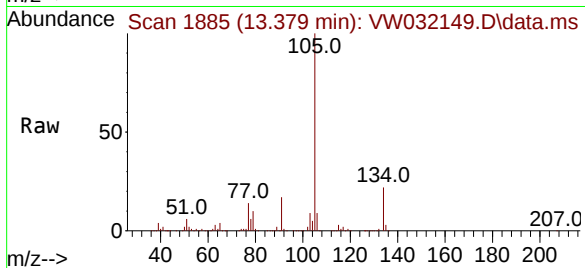
VW0828SBL01

Tgt Ion:105 Resp: 267186

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.034 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

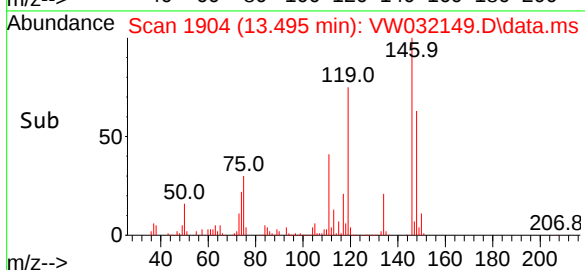
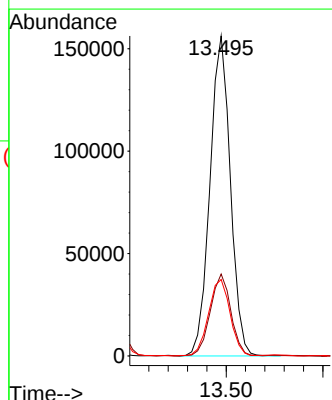
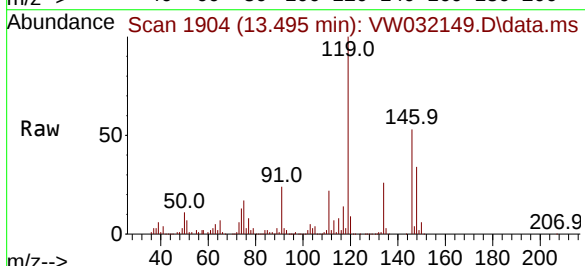
Tgt Ion:119 Resp: 228798

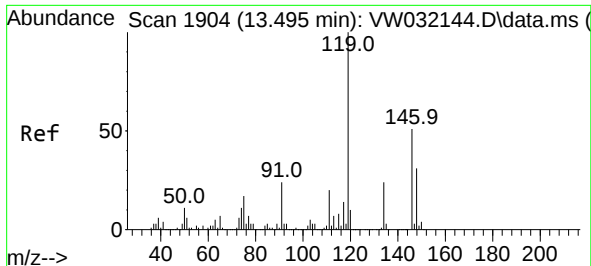
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.6

91 25.1 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.997 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBL01

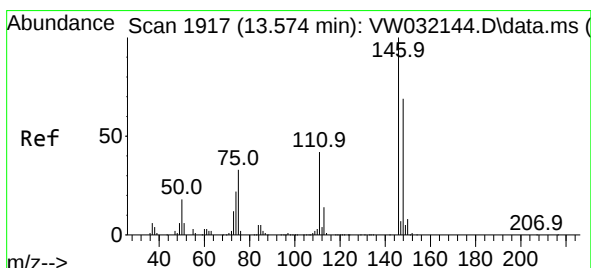
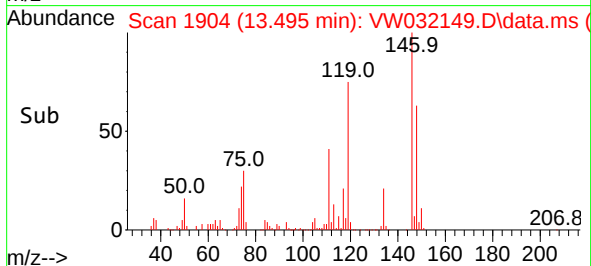
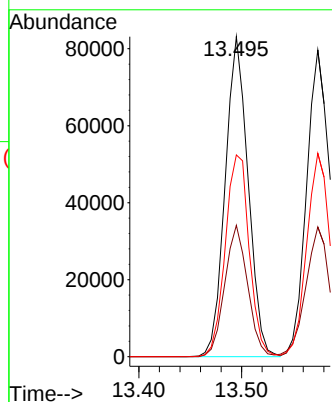
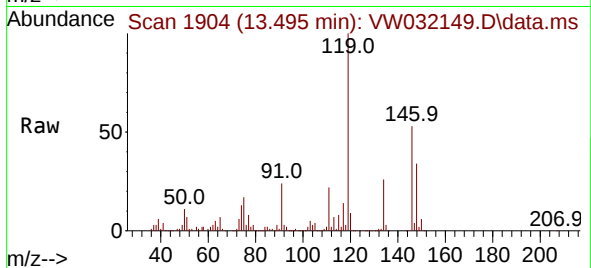
Tgt Ion:146 Resp: 128658

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

148 66.1 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 20.335 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

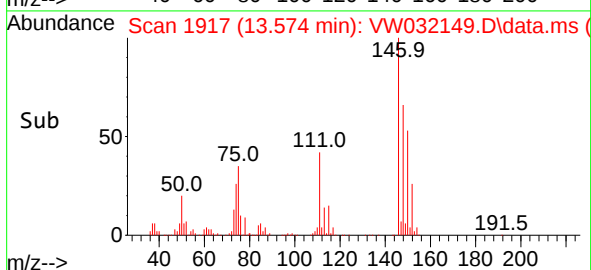
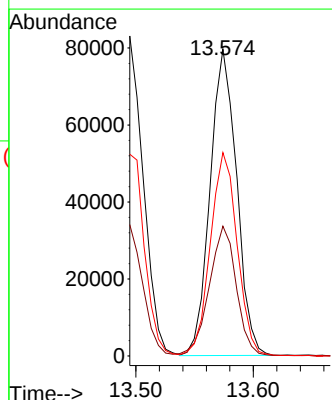
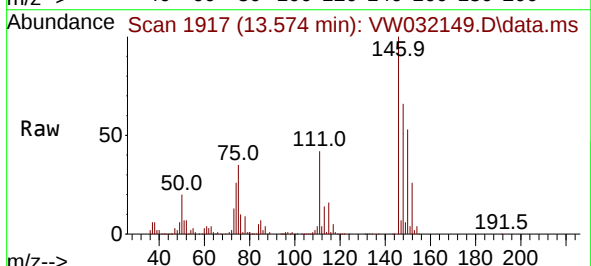
Tgt Ion:146 Resp: 124896

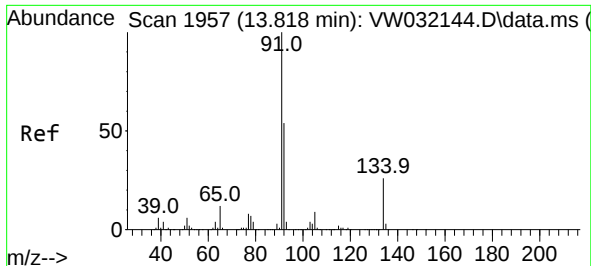
Ion Ratio Lower Upper

146 100

111 43.5 21.3 63.7

148 67.5 33.4 100.1





#89

n-Butylbenzene

Concen: 21.171 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBL01

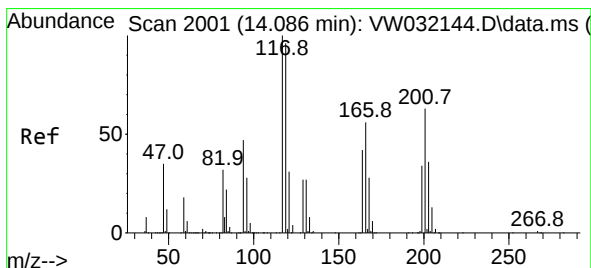
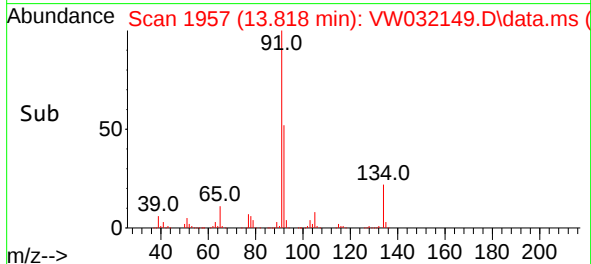
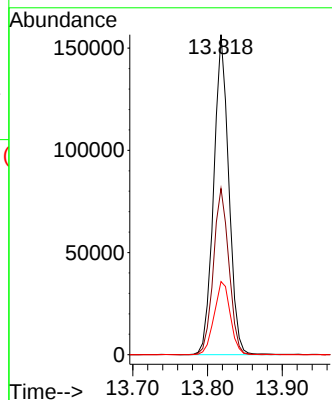
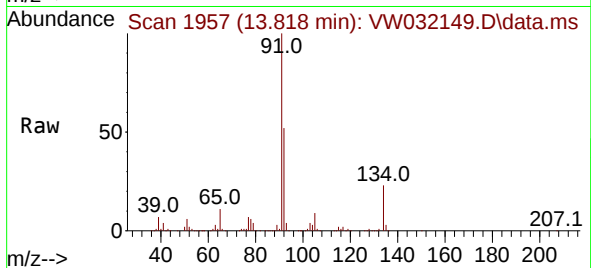
Tgt Ion: 91 Resp: 219557

Ion Ratio Lower Upper

91 100

92 53.2 27.0 81.0

134 24.5 13.1 39.3



#90

Hexachloroethane

Concen: 20.524 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032149.D

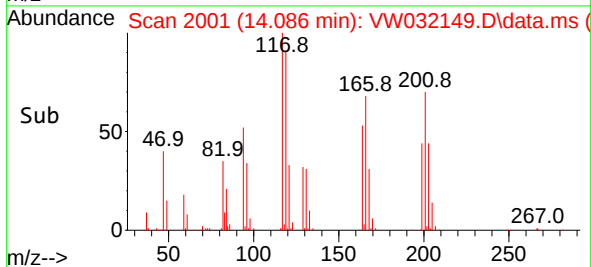
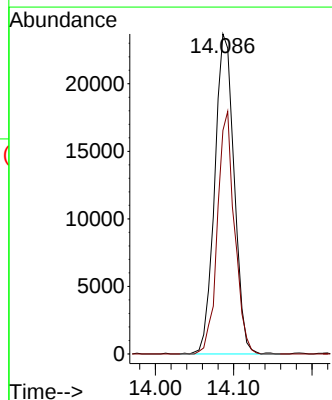
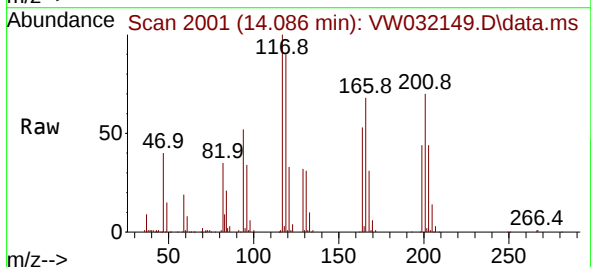
Acq: 28 Aug 2025 11:10

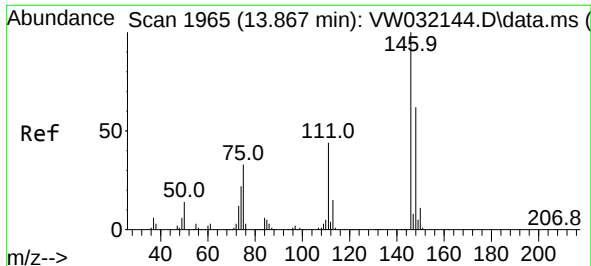
Tgt Ion: 117 Resp: 40835

Ion Ratio Lower Upper

117 100

201 66.8 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 21.210 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBL01

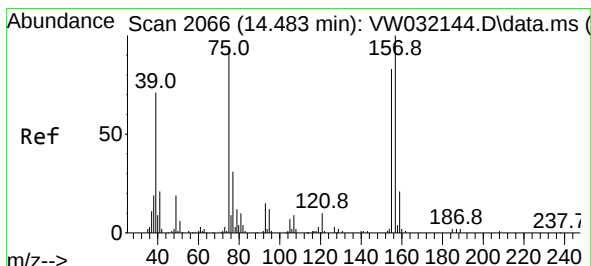
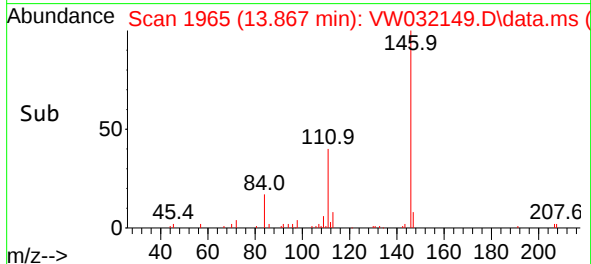
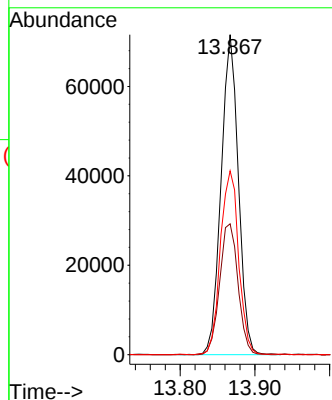
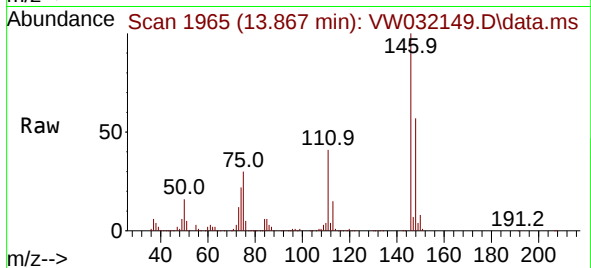
Tgt Ion:146 Resp: 115067

Ion Ratio Lower Upper

146 100

111 43.6 23.4 70.0

148 60.9 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.754 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

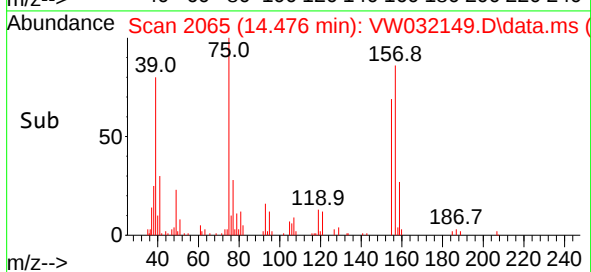
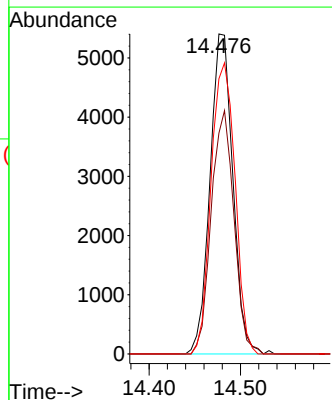
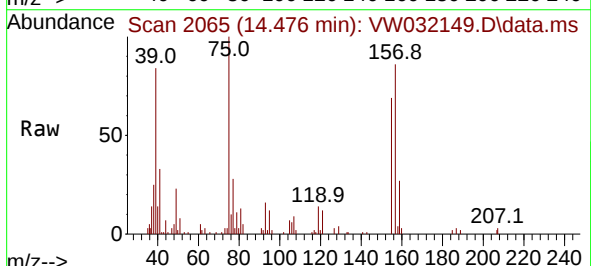
Tgt Ion: 75 Resp: 9396

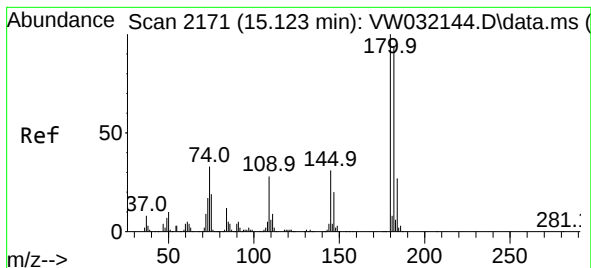
Ion Ratio Lower Upper

75 100

155 75.6 40.8 122.5

157 95.3 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 21.425 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBL01

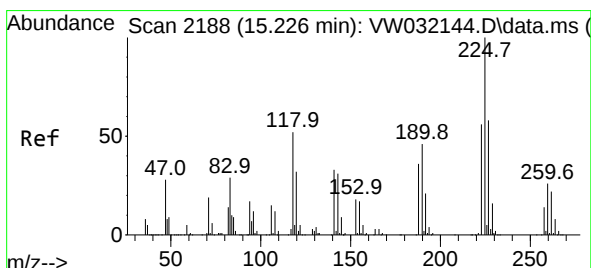
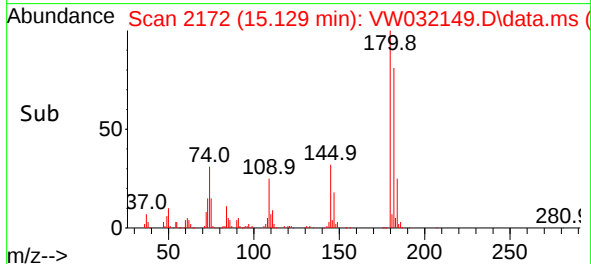
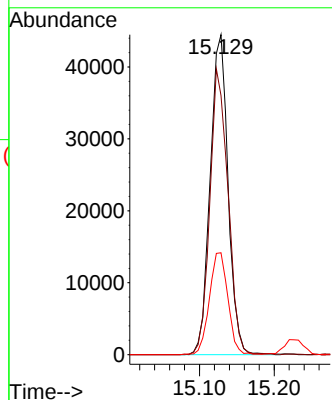
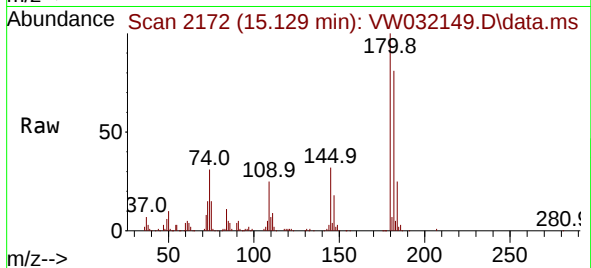
Tgt Ion:180 Resp: 74260

Ion Ratio Lower Upper

180 100

182 90.5 47.4 142.2

145 33.0 16.4 49.1



#94

Hexachlorobutadiene

Concen: 20.910 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

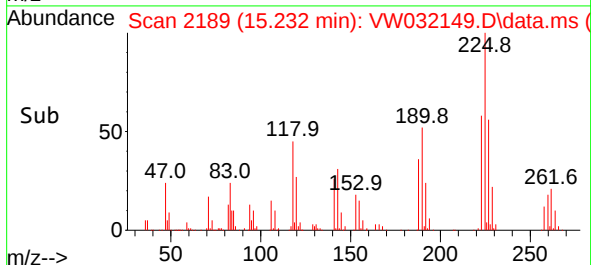
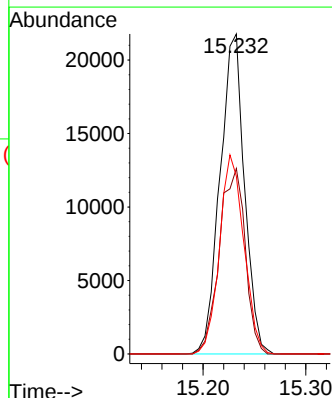
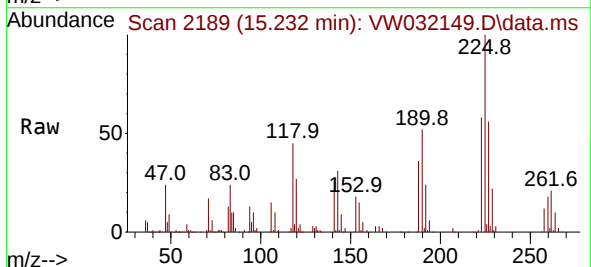
Tgt Ion:225 Resp: 35944

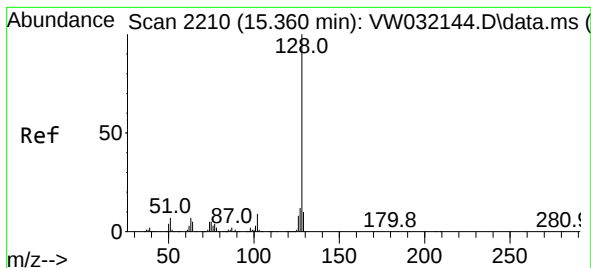
Ion Ratio Lower Upper

225 100

223 61.2 29.8 89.3

227 62.2 30.5 91.5





#95

Naphthalene

Concen: 19.036 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBL01

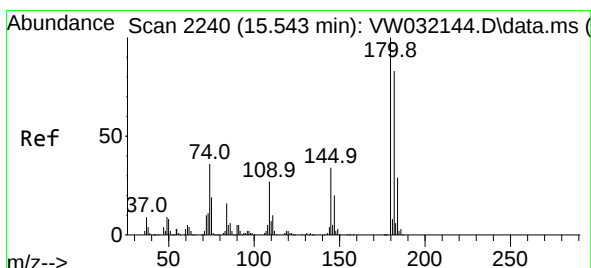
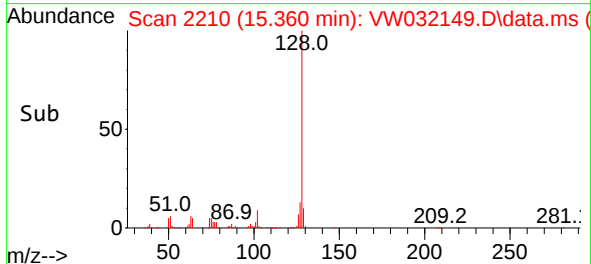
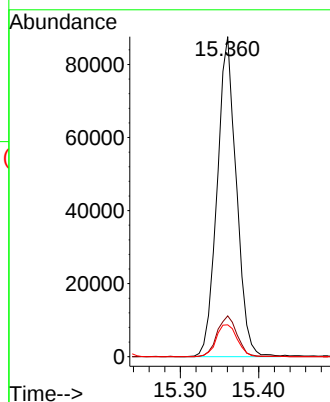
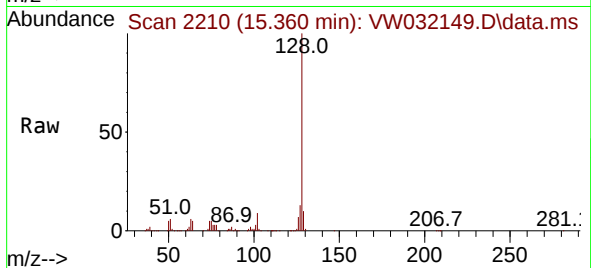
Tgt Ion:128 Resp: 149323

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.857 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032149.D

Acq: 28 Aug 2025 11:10

Tgt Ion:180 Resp: 67233

Ion Ratio Lower Upper

180 100

182 93.4 47.7 143.1

145 34.6 17.2 51.6

