

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120525\
 Data File : VW032572.D
 Acq On : 05 Dec 2025 11:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 05 22:57:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	396009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	700829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	621542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	287993	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	264911	44.951	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	89.900%
35) Dibromofluoromethane	7.898	113	223171	48.390	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.780%
50) Toluene-d8	10.325	98	861193	49.625	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.617	95	310550	48.435	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	97416	39.741	ug/l	95
3) Chloromethane	2.253	50	183659	40.757	ug/l	98
4) Vinyl Chloride	2.405	62	247989	45.361	ug/l	97
5) Bromomethane	2.820	94	164018	45.175	ug/l	92
6) Chloroethane	2.966	64	160882	45.561	ug/l	97
7) Trichlorofluoromethane	3.308	101	188761	44.546	ug/l	99
8) Diethyl Ether	3.716	74	137458	43.880	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	203247	45.368	ug/l	99
10) Methyl Iodide	4.301	142	317960	47.059	ug/l	98
11) Tert butyl alcohol	5.204	59	92188	203.373	ug/l #	87
12) 1,1-Dichloroethene	4.076	96	229327	45.401	ug/l	98
13) Acrolein	3.929	56	174714	217.462	ug/l	98
14) Allyl chloride	4.704	41	430468	46.556	ug/l	98
15) Acrylonitrile	5.399	53	369996	224.913	ug/l	99
16) Acetone	4.155	43	421862	229.078	ug/l	98
17) Carbon Disulfide	4.417	76	686584	45.882	ug/l	96
18) Methyl Acetate	4.704	43	169294	44.634	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	465537	49.446	ug/l	96
20) Methylene Chloride	4.954	84	265639	40.335	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	254176	46.054	ug/l	96
22) Diisopropyl ether	6.331	45	876358	47.491	ug/l	94
23) Vinyl Acetate	6.283	43	2908046	237.829	ug/l	100
24) 1,1-Dichloroethane	6.246	63	489499	45.689	ug/l	99
25) 2-Butanone	7.191	43	524201	221.800	ug/l	100
26) 2,2-Dichloropropane	7.185	77	289710	46.647	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	296569	46.157	ug/l	99
28) Bromochloromethane	7.532	49	197857	41.111	ug/l	100
29) Tetrahydrofuran	7.551	42	321088	227.536	ug/l	99
30) Chloroform	7.691	83	478732	45.024	ug/l	92
31) Cyclohexane	7.971	56	425494	45.039	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	354223	45.902	ug/l	99
36) 1,1-Dichloropropene	8.093	75	342740	48.722	ug/l	99
37) Ethyl Acetate	7.270	43	227139	46.658	ug/l	98
38) Carbon Tetrachloride	8.081	117	314171	48.072	ug/l	94
39) Methylcyclohexane	9.343	83	429828	50.039	ug/l	97
40) Benzene	8.331	78	1064810	47.499	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	128683	48.853	ug/l #	92
42) 1,2-Dichloroethane	8.410	62	322336	46.897	ug/l	99
43) Isopropyl Acetate	8.435	43	397651	47.522	ug/l	100
44) Trichloroethene	9.099	130	236391	47.181	ug/l	92
45) 1,2-Dichloropropane	9.374	63	260485	46.782	ug/l	97
46) Dibromomethane	9.465	93	151349	47.005	ug/l	99
47) Bromodichloromethane	9.648	83	355300	47.079	ug/l	98
48) Methyl methacrylate	9.441	41	203773	53.571	ug/l	99
49) 1,4-Dioxane	9.459	88	38107	990.451	ug/l #	91
51) 4-Methyl-2-Pentanone	10.209	43	1098274	237.201	ug/l	99
52) Toluene	10.392	92	662962	49.081	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	357424	49.367	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	418779	49.289	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	198338	45.990	ug/l	91
56) Ethyl methacrylate	10.648	69	295980	49.628	ug/l	99
57) 1,3-Dichloropropane	10.934	76	362376	47.082	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	622895	199.328	ug/l	100
59) 2-Hexanone	10.971	43	791826	240.132	ug/l	100
60) Dibromochloromethane	11.129	129	229316	47.443	ug/l	95
61) 1,2-Dibromoethane	11.239	107	193848	47.264	ug/l	96
64) Tetrachloroethene	10.861	164	196049	47.292	ug/l	96
65) Chlorobenzene	11.660	112	706414	48.100	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	219919	48.415	ug/l	98
67) Ethyl Benzene	11.733	91	1245963	49.983	ug/l	96
68) m/p-Xylenes	11.837	106	954739	100.739	ug/l	99
69) o-Xylene	12.166	106	444848	51.253	ug/l	95
70) Styrene	12.178	104	754760	49.575	ug/l	98
71) Bromoform	12.349	173	118704	47.522	ug/l #	97
73) Isopropylbenzene	12.465	105	1132762	53.023	ug/l	100
74) N-amyl acetate	12.269	43	355398	50.256	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	240607	47.843	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	309121	79.323	ug/l	41
77) Bromobenzene	12.745	156	259544	51.394	ug/l	92
78) n-propylbenzene	12.800	91	1406515	51.606	ug/l	99
79) 2-Chlorotoluene	12.891	91	836124	51.453	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	944965	51.839	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	83157	50.189	ug/l	94
82) 4-Chlorotoluene	12.989	91	857406	49.334	ug/l	98
83) tert-Butylbenzene	13.202	119	807717	53.726	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	948992	52.116	ug/l	98
85) sec-Butylbenzene	13.379	105	1203397	51.897	ug/l	99
86) p-Isopropyltoluene	13.495	119	1001153	52.420	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	509644	49.357	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	498726	48.662	ug/l	98
89) n-Butylbenzene	13.818	91	998741	51.494	ug/l	99
90) Hexachloroethane	14.086	117	184640	50.477	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	455600	50.303	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	40642	46.871	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	279672	50.700	ug/l	97
94) Hexachlorobutadiene	15.232	225	124112	48.880	ug/l	93
95) Naphthalene	15.360	128	648121	51.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	257456	51.375	ug/l	100

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ClientSampleId :
VSTDCCC050

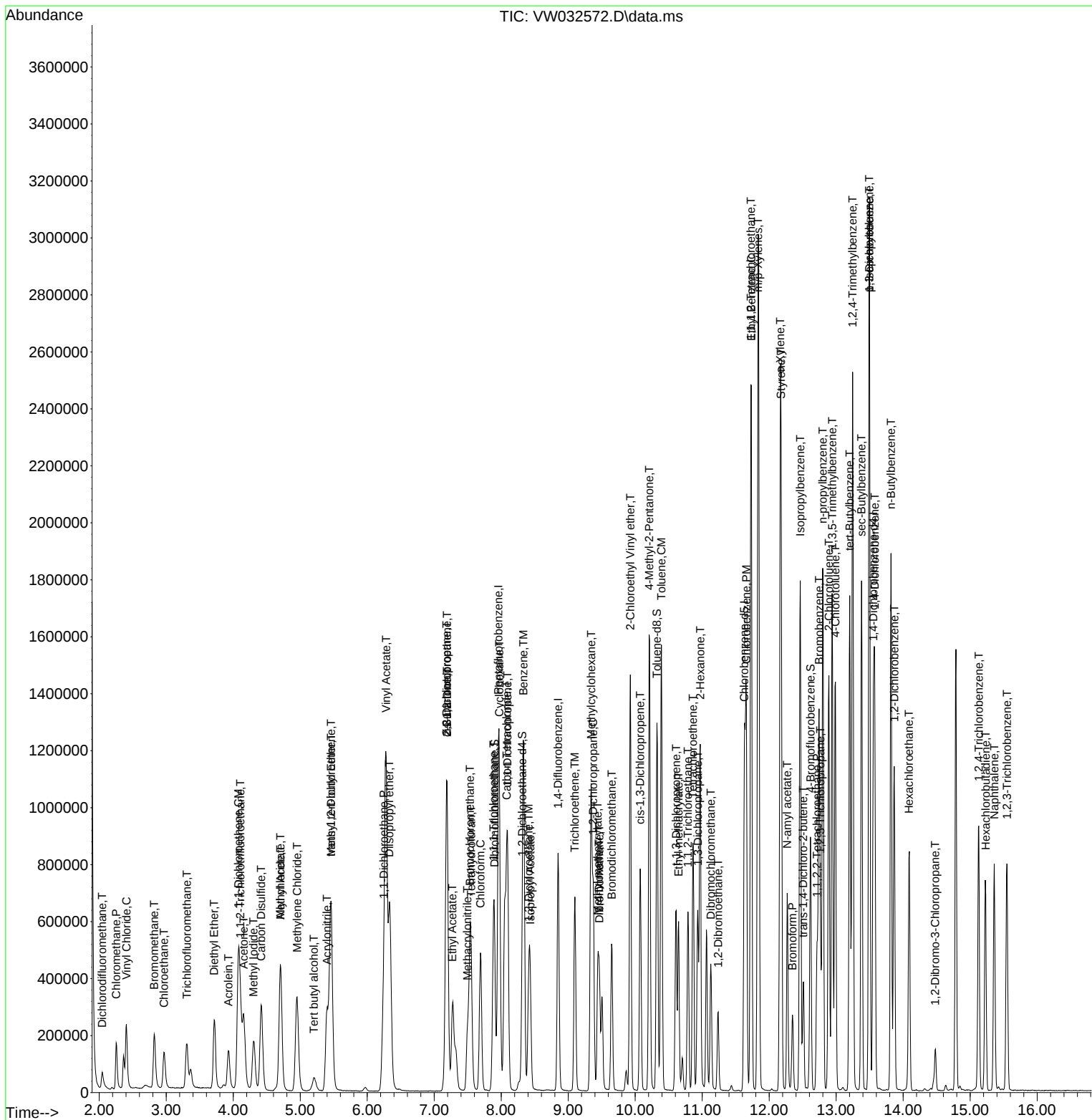
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Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

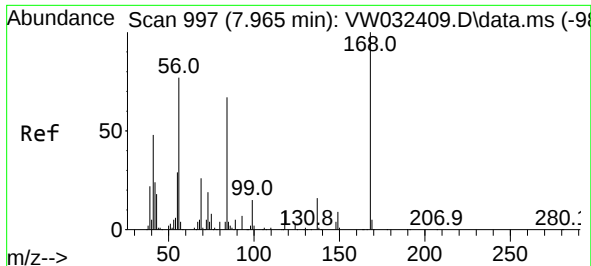
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_W
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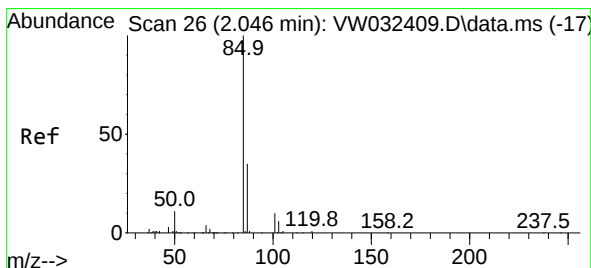
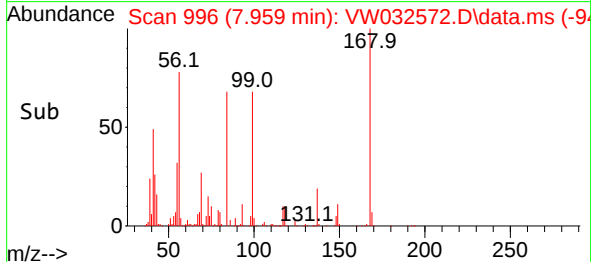
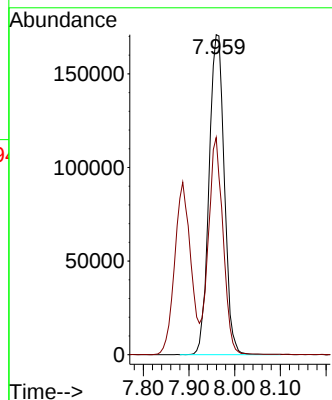
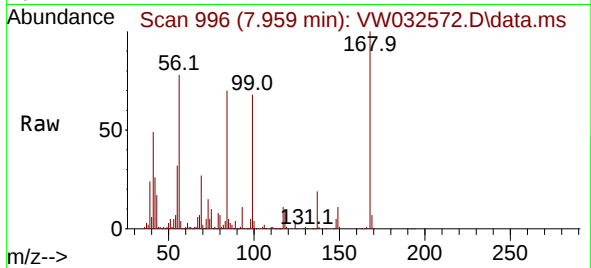




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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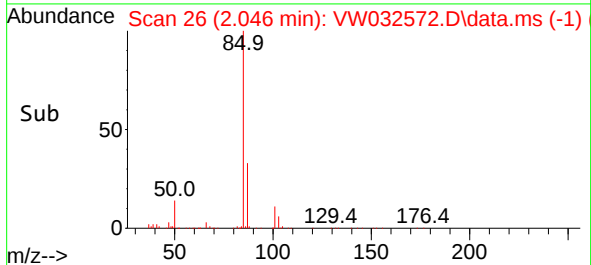
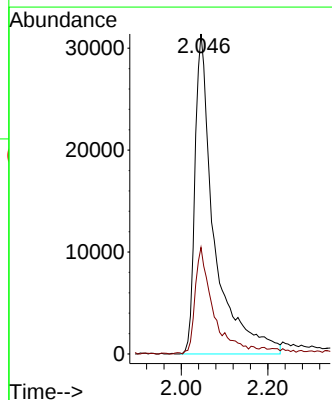
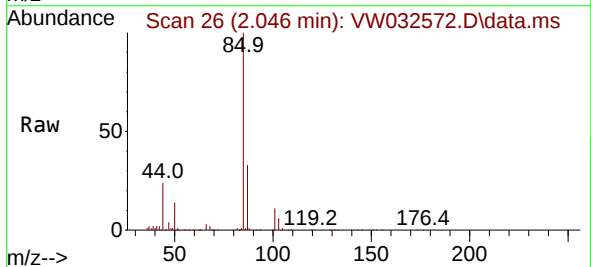
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 396009
Ion Ratio Lower Upper
168 100
99 67.7 51.8 77.8



#2
Dichlorodifluoromethane
Concen: 39.741 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 85 Resp: 97416
Ion Ratio Lower Upper
85 100
87 32.9 17.9 53.8

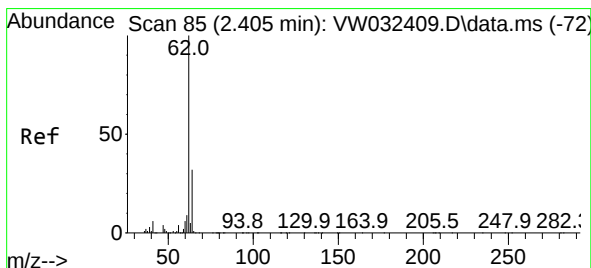
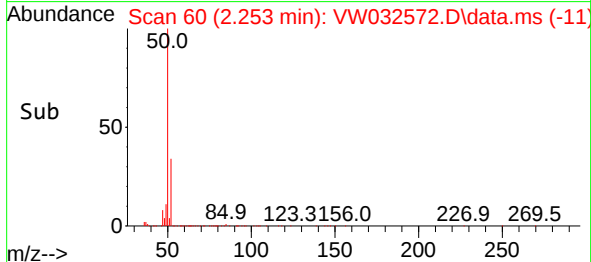
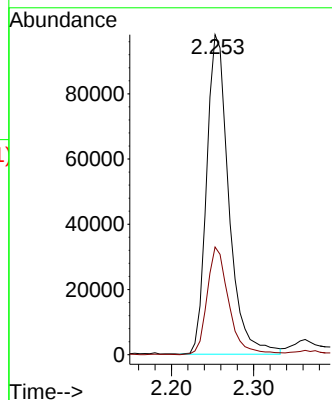
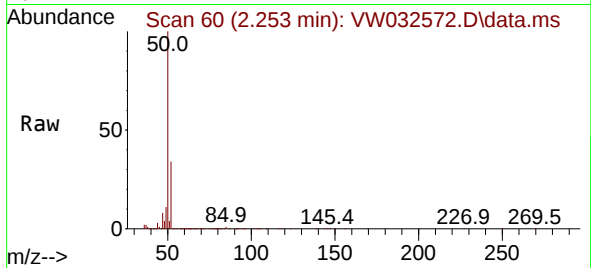




#3
Chloromethane
Concen: 40.757 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

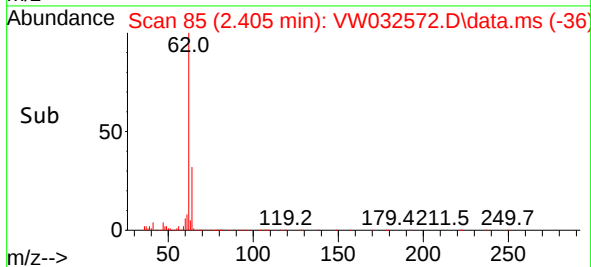
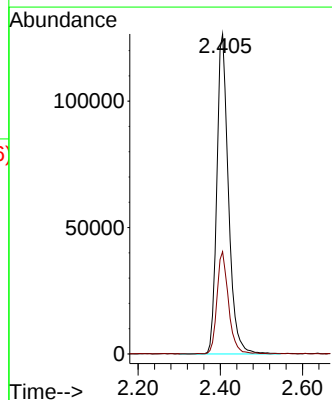
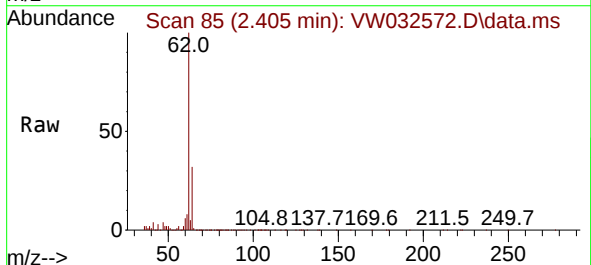
Instrument :
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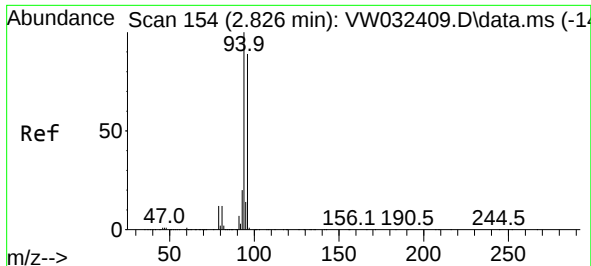
Tgt Ion: 50 Resp: 183659
Ion Ratio Lower Upper
50 100
52 33.7 26.2 39.4



#4
Vinyl Chloride
Concen: 45.361 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 62 Resp: 247989
Ion Ratio Lower Upper
62 100
64 31.9 24.2 36.4

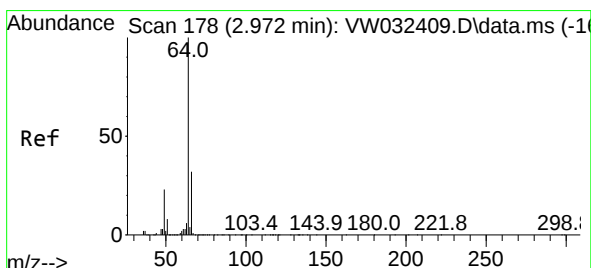
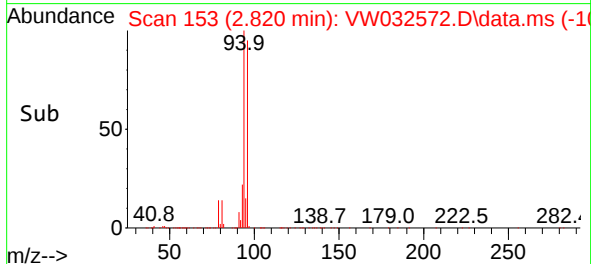
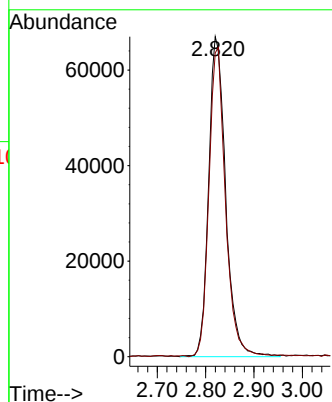
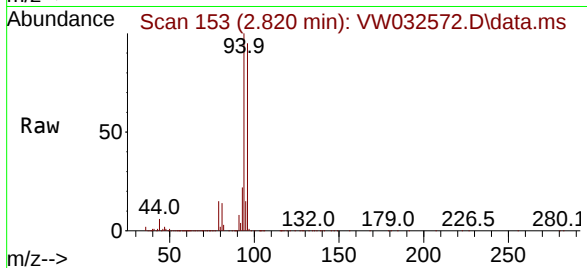




#5
Bromomethane
Concen: 45.175 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

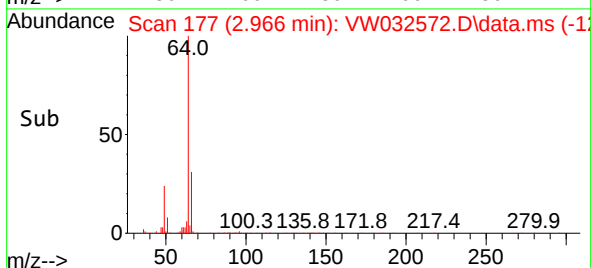
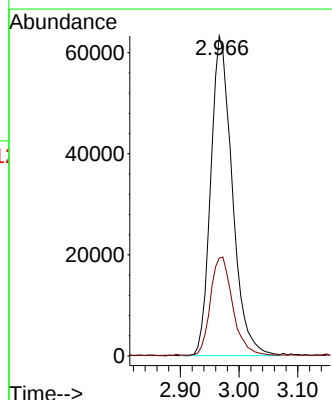
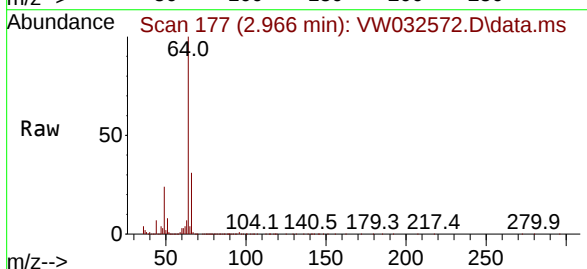
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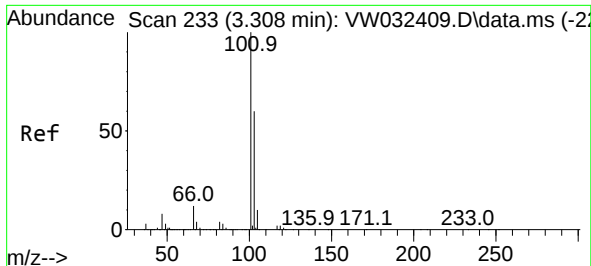
Tgt Ion: 94 Resp: 164018
Ion Ratio Lower Upper
94 100
96 94.6 69.9 104.9



#6
Chloroethane
Concen: 45.561 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 64 Resp: 160882
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2

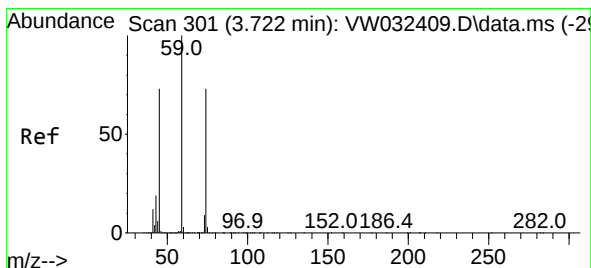
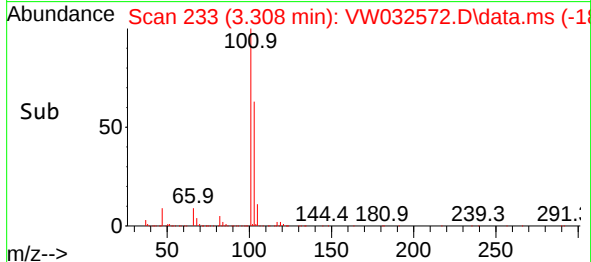
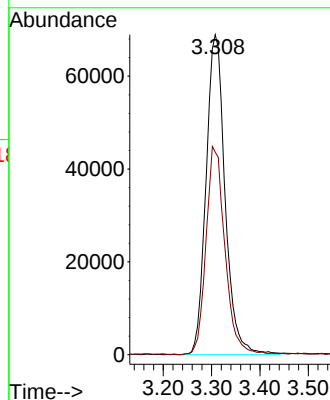
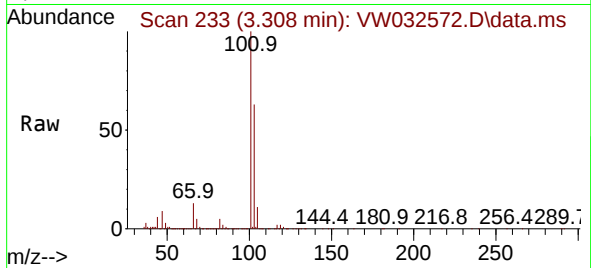




#7
Trichlorofluoromethane
Concen: 44.546 ug/l
RT: 3.308 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

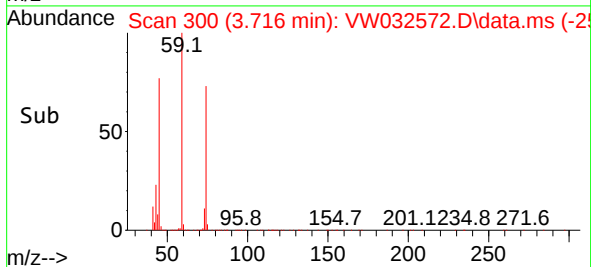
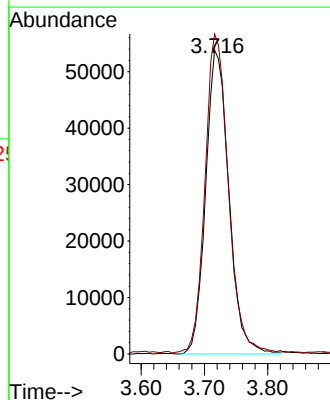
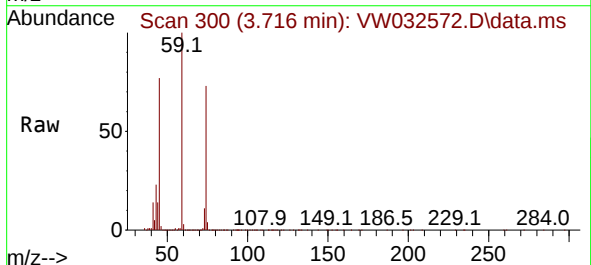
Instrument :
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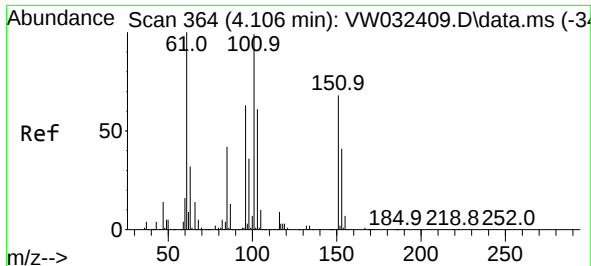
Tgt Ion:101 Resp: 188761
Ion Ratio Lower Upper
101 100
103 63.3 51.1 76.7



#8
Diethyl Ether
Concen: 43.880 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 74 Resp: 137458
Ion Ratio Lower Upper
74 100
45 105.2 53.4 160.3

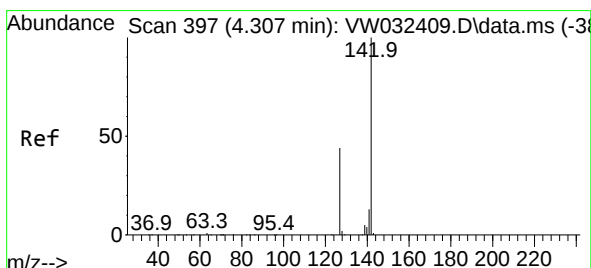
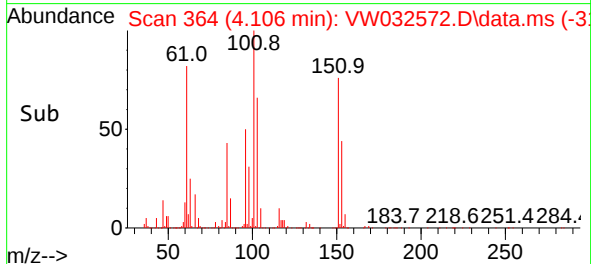
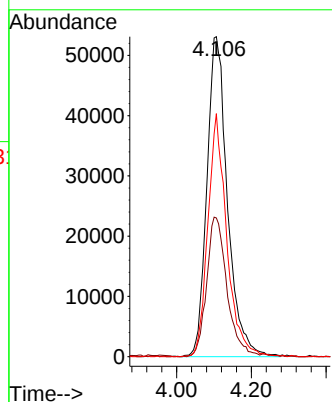
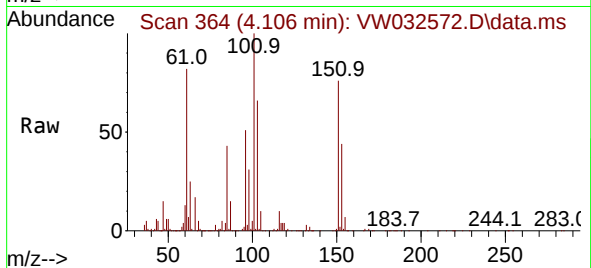




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.368 ug/l
RT: 4.106 min Scan# 301
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

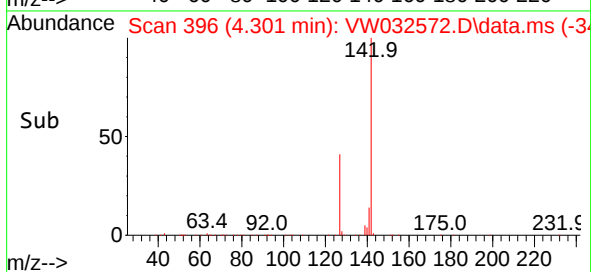
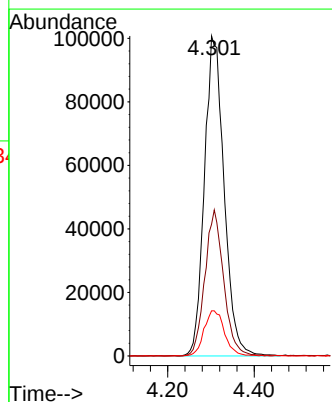
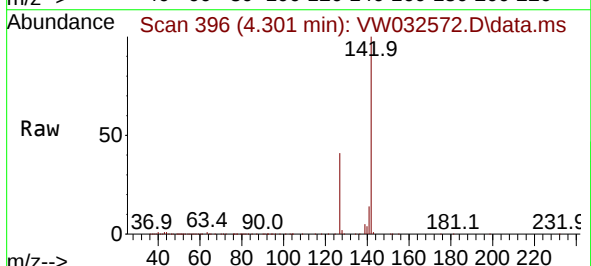
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

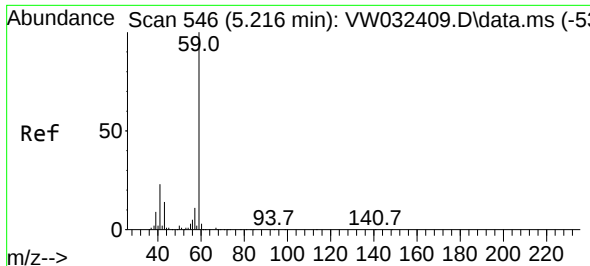
Tgt Ion:101 Resp: 203247
Ion Ratio Lower Upper
101 100
85 43.1 35.0 52.4
151 69.7 54.6 82.0



#10
Methyl Iodide
Concen: 47.059 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion:142 Resp: 317960
Ion Ratio Lower Upper
142 100
127 43.7 36.2 54.2
141 14.7 11.9 17.9

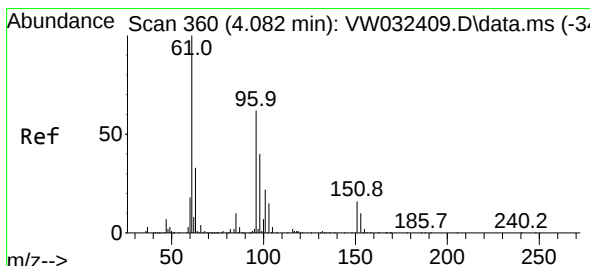
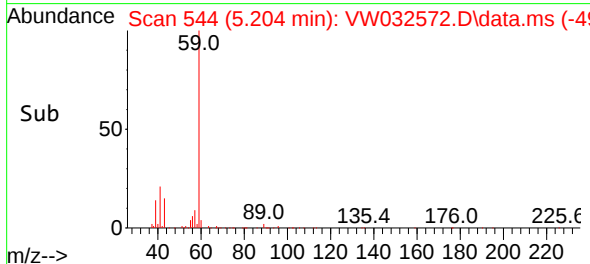
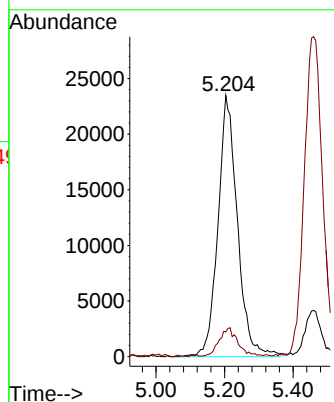
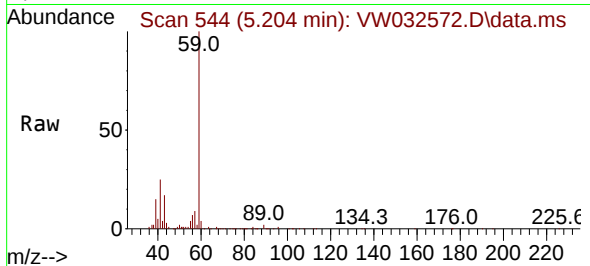




#11
Tert butyl alcohol
Concen: 203.373 ug/l
RT: 5.204 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

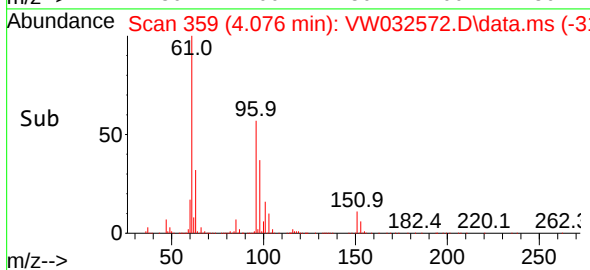
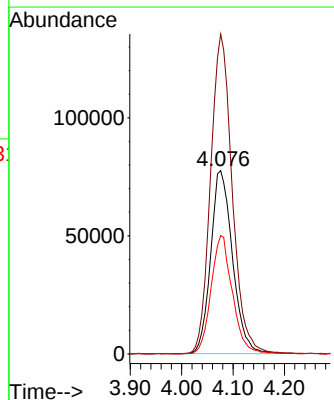
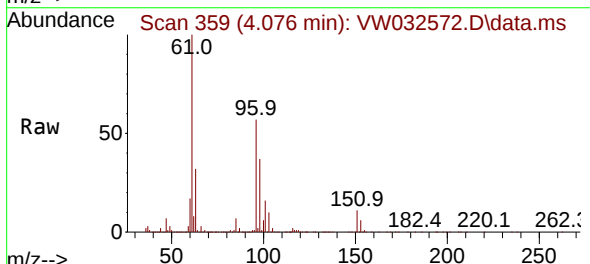
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 92188
Ion Ratio Lower Upper
59 100
57 10.2 4.6 6.8#



#12
1,1-Dichloroethene
Concen: 45.401 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 96 Resp: 229327
Ion Ratio Lower Upper
96 100
61 174.6 136.6 205.0
98 64.7 51.4 77.2

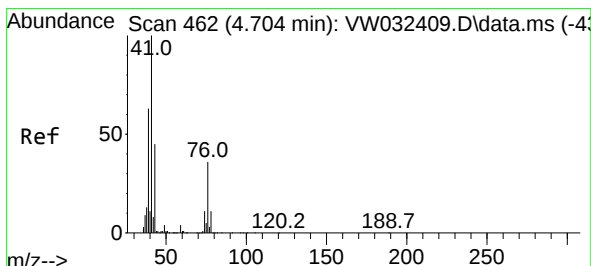
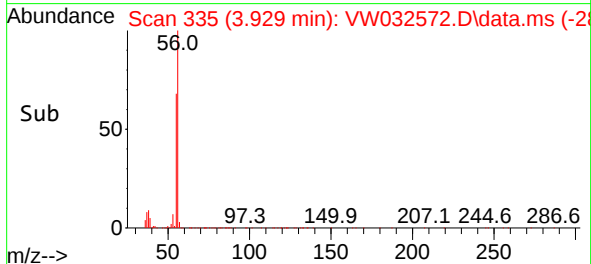
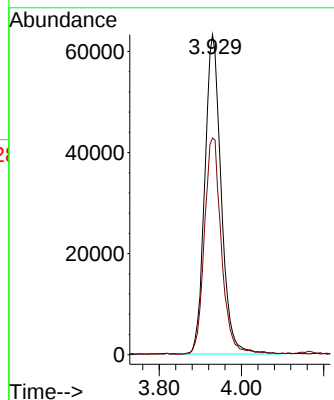
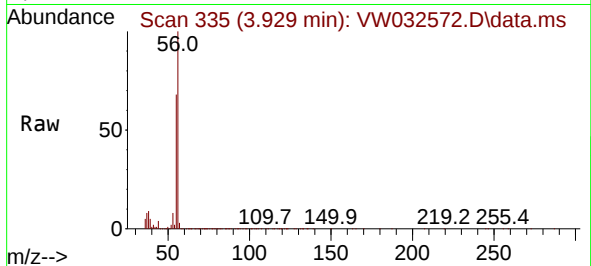




#13
Acrolein
Concen: 217.462 ug/l
RT: 3.929 min Scan# 335
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

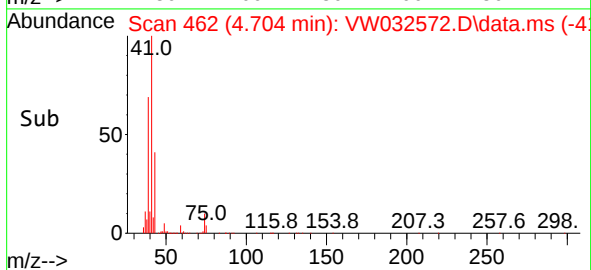
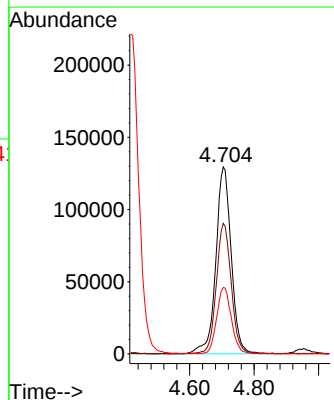
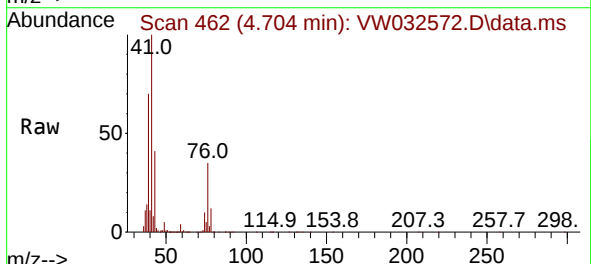
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

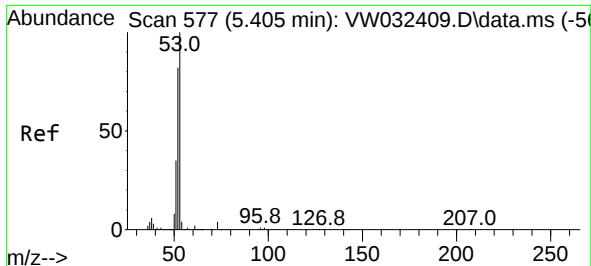
Tgt Ion: 56 Resp: 174714
Ion Ratio Lower Upper
56 100
55 70.3 55.2 82.8



#14
Allyl chloride
Concen: 46.556 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 41 Resp: 430468
Ion Ratio Lower Upper
41 100
39 67.8 52.9 79.3
76 33.5 25.8 38.6

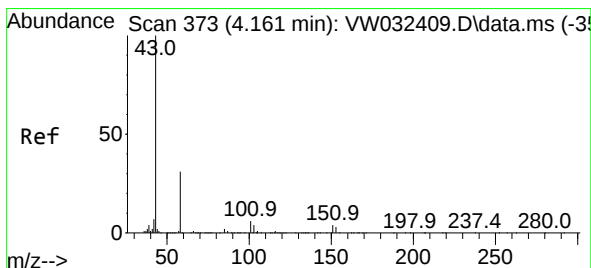
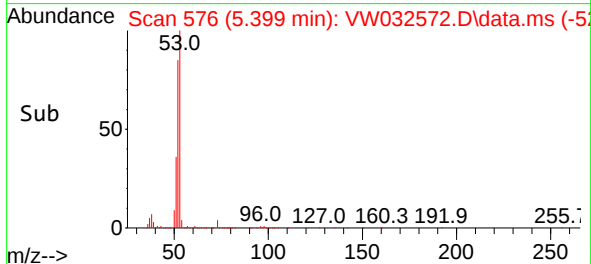
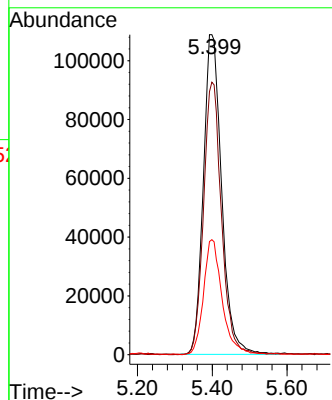
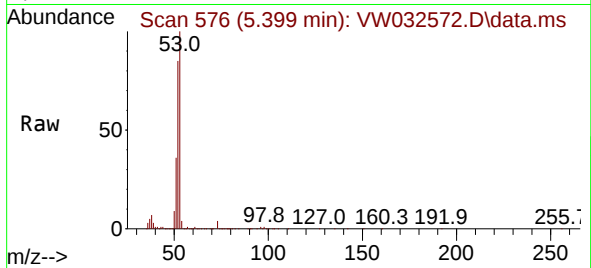




#15
Acrylonitrile
Concen: 224.913 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

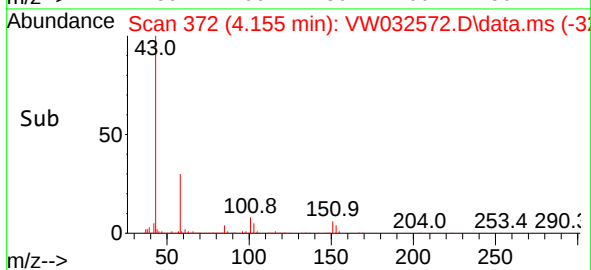
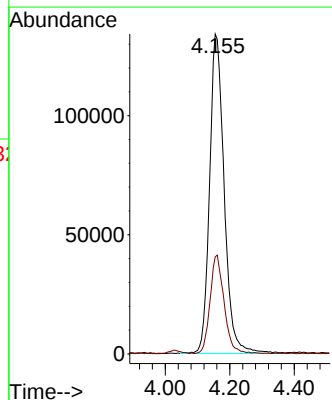
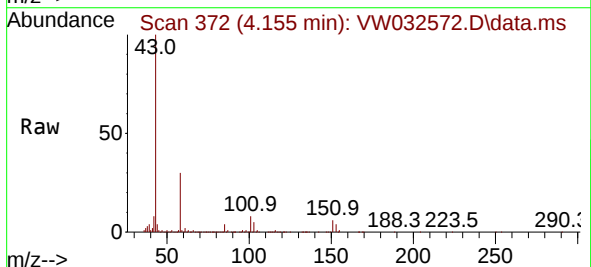
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

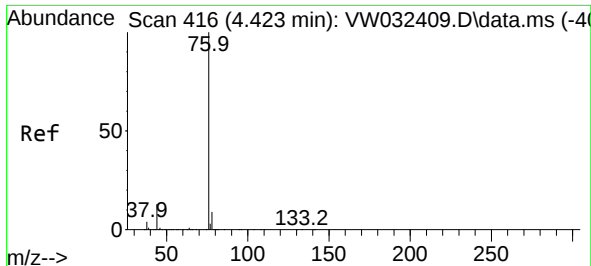
Tgt Ion: 53 Resp: 369996
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.2
51 36.4 29.3 43.9



#16
Acetone
Concen: 229.078 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 43 Resp: 421862
Ion Ratio Lower Upper
43 100
58 30.2 23.5 35.3

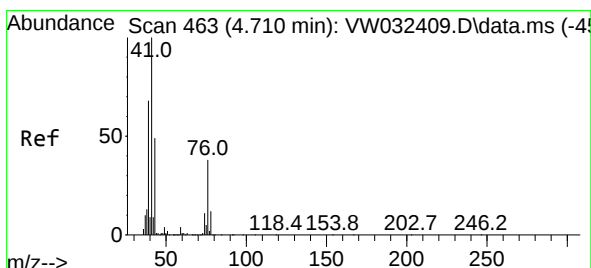
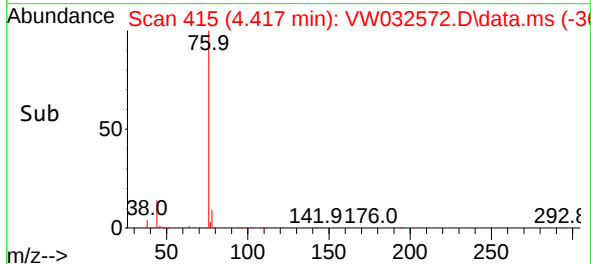
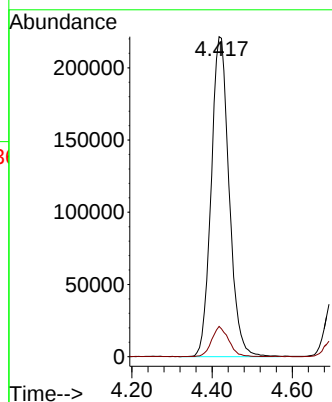
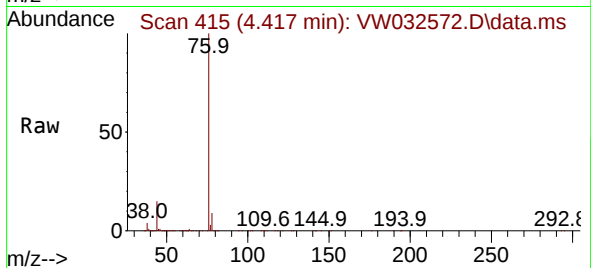




#17
Carbon Disulfide
Concen: 45.882 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

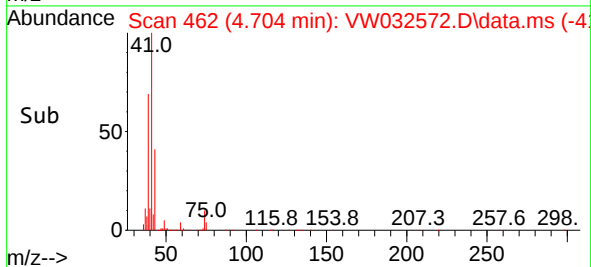
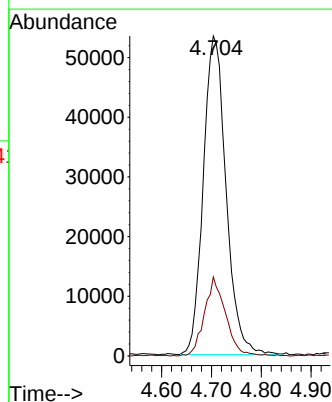
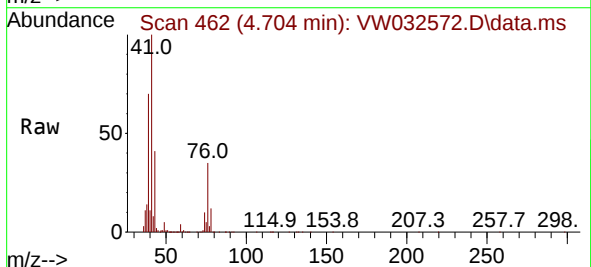
Instrument :
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ClientSampleId :
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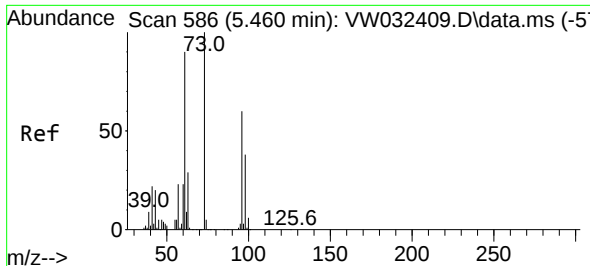
Tgt Ion: 76 Resp: 686584
Ion Ratio Lower Upper
76 100
78 9.5 6.6 9.8



#18
Methyl Acetate
Concen: 44.634 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 43 Resp: 169294
Ion Ratio Lower Upper
43 100
74 22.9 17.9 26.9

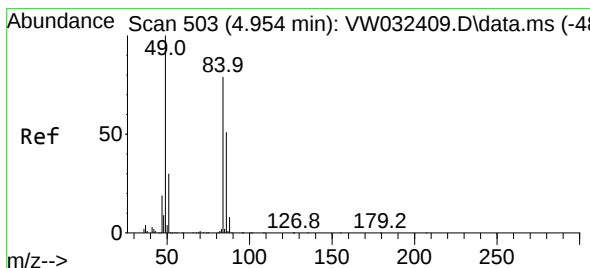
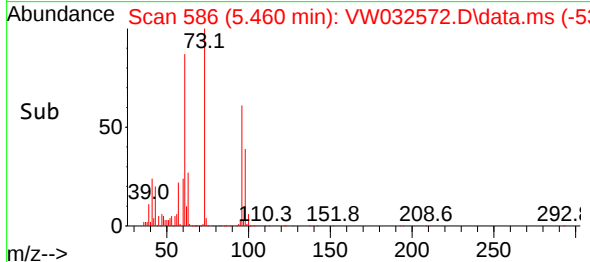
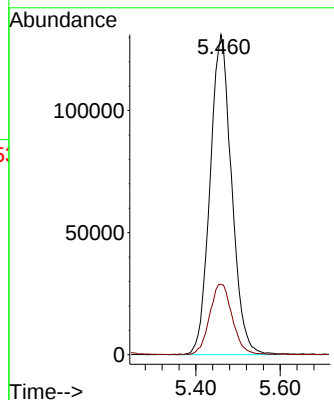
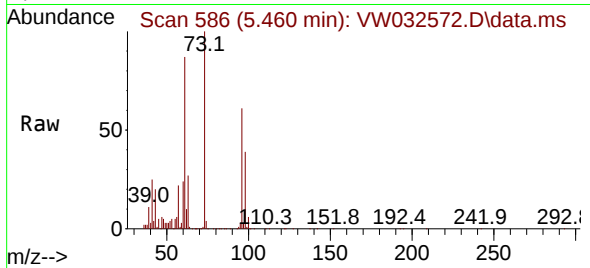




#19
Methyl tert-butyl Ether
Concen: 49.446 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

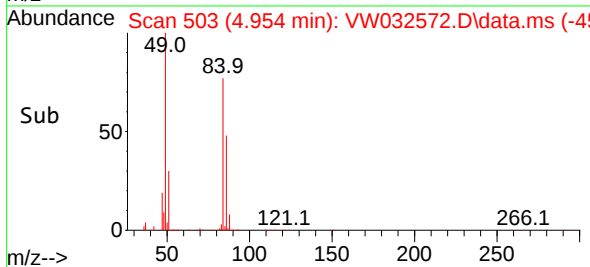
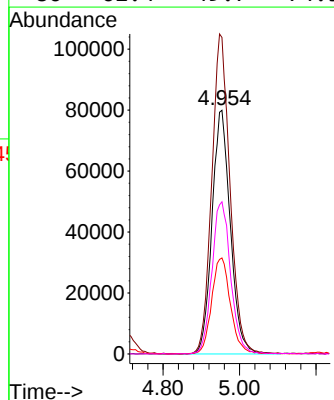
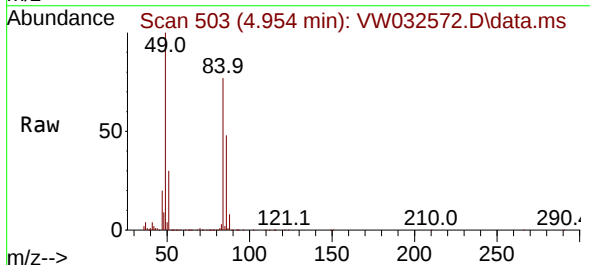
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

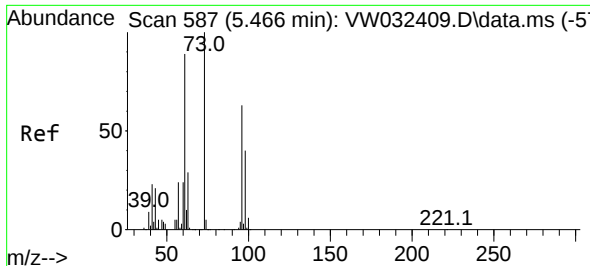
Tgt Ion: 73 Resp: 465537
Ion Ratio Lower Upper
73 100
57 21.8 19.0 28.4



#20
Methylene Chloride
Concen: 40.335 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 84 Resp: 265639
Ion Ratio Lower Upper
84 100
49 129.8 107.6 161.4
51 39.4 33.9 50.9
86 62.4 49.7 74.5

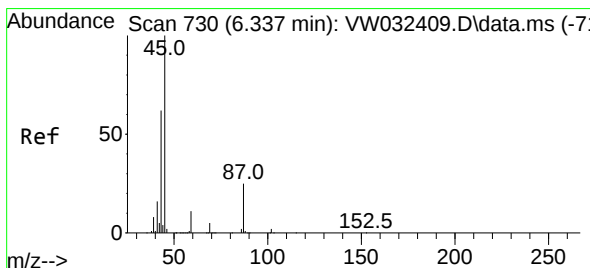
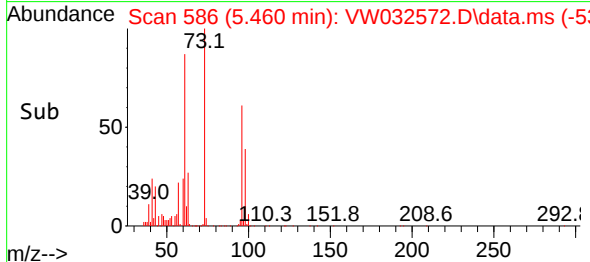
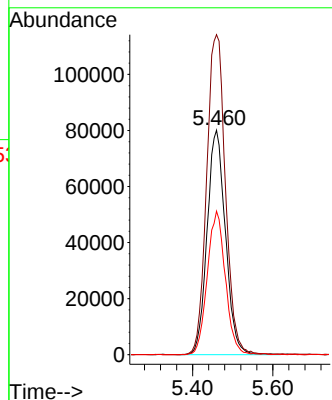
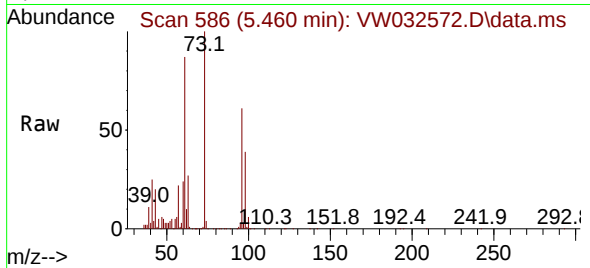




#21
trans-1,2-Dichloroethene
Concen: 46.054 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

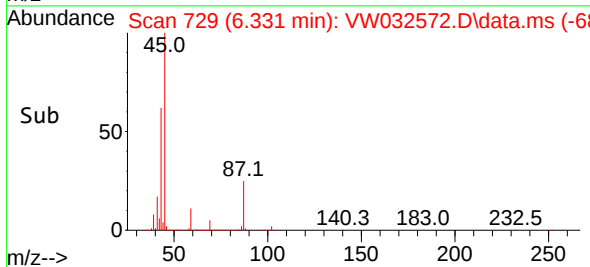
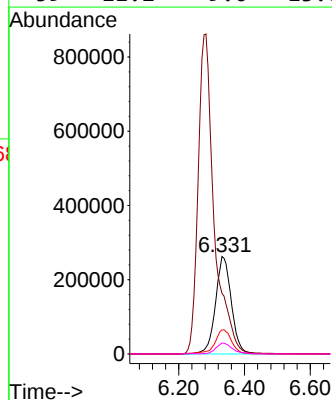
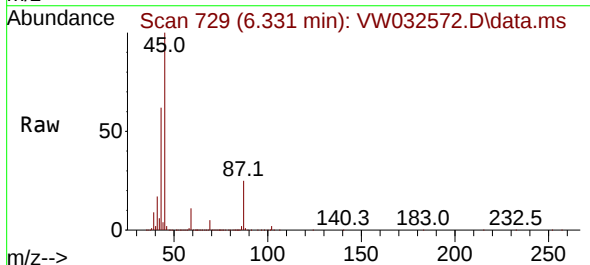
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

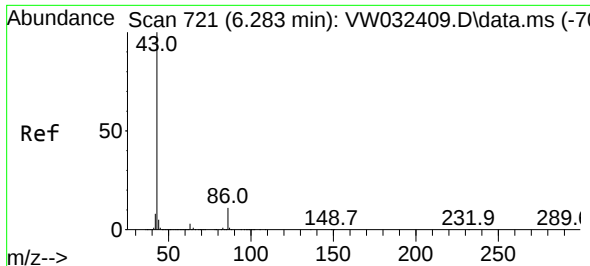
Tgt Ion: 96 Resp: 254176
Ion Ratio Lower Upper
96 100
61 142.6 111.0 166.4
98 63.9 48.4 72.6



#22
Diisopropyl ether
Concen: 47.491 ug/l
RT: 6.331 min Scan# 729
Delta R.T. -0.012 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 45 Resp: 876358
Ion Ratio Lower Upper
45 100
43 62.2 44.5 66.7
87 24.6 19.7 29.5
59 11.2 9.0 13.6

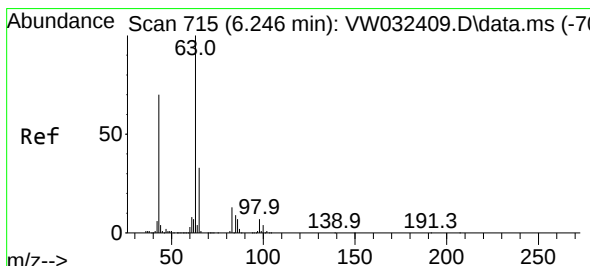
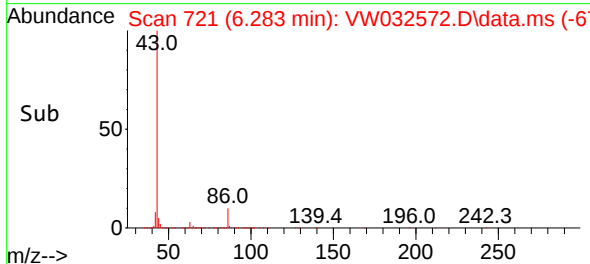
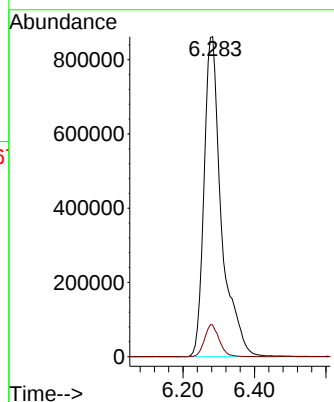
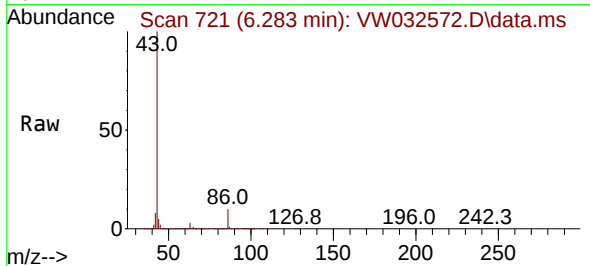




#23
 Vinyl Acetate
 Concen: 237.829 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032572.D
 Acq: 05 Dec 2025 11:32

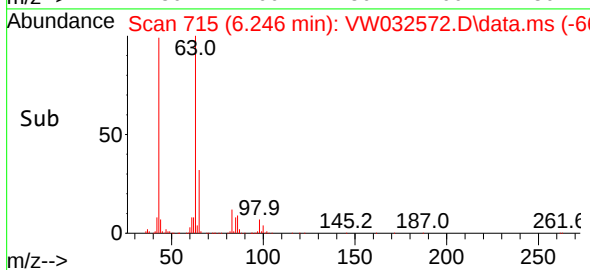
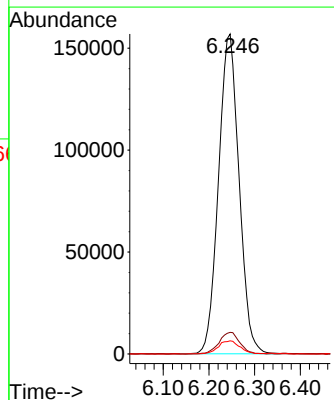
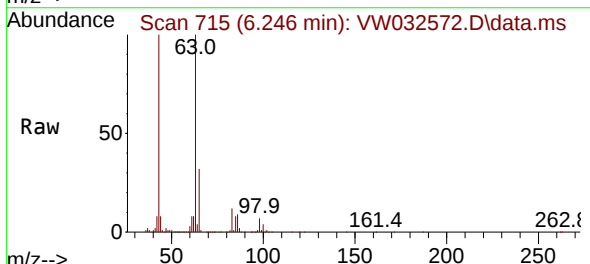
Instrument :
 MSVOA_W
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 VSTDCCC050

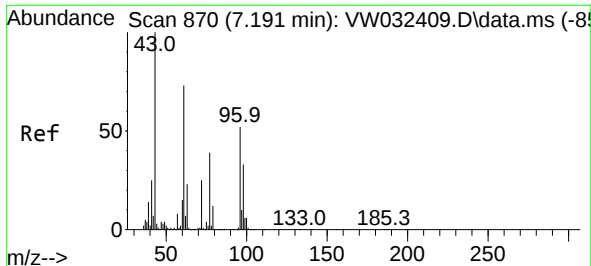
Tgt Ion: 43 Resp: 2908046
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 45.689 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032572.D
 Acq: 05 Dec 2025 11:32

Tgt Ion: 63 Resp: 489499
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.1 2.3 6.8

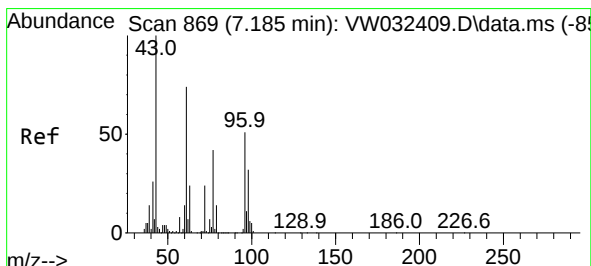
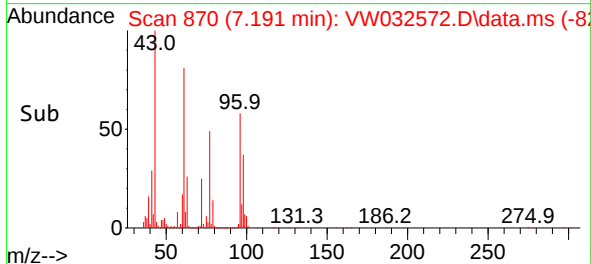
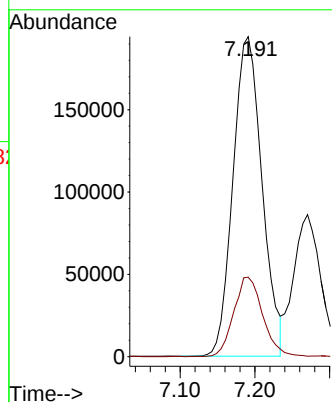
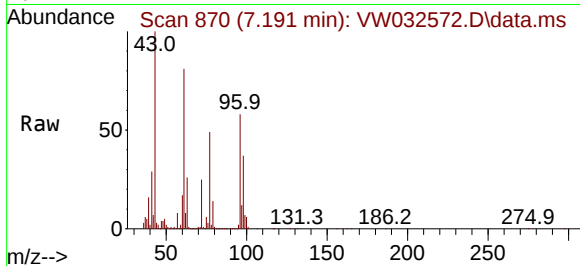




#25
2-Butanone
Concen: 221.800 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

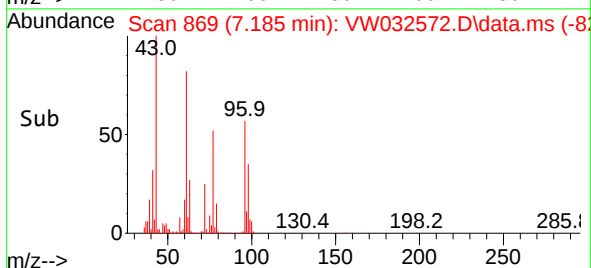
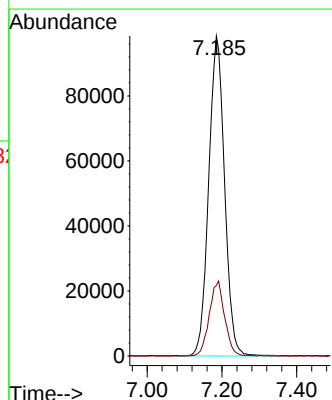
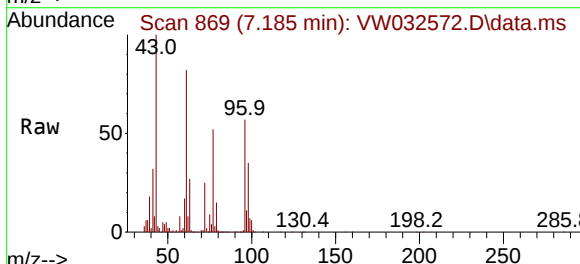
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

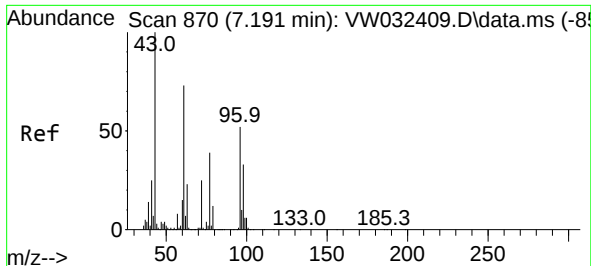
Tgt Ion: 43 Resp: 524201
Ion Ratio Lower Upper
43 100
72 24.8 19.7 29.5



#26
2,2-Dichloropropane
Concen: 46.647 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 77 Resp: 289710
Ion Ratio Lower Upper
77 100
97 22.7 11.6 34.7



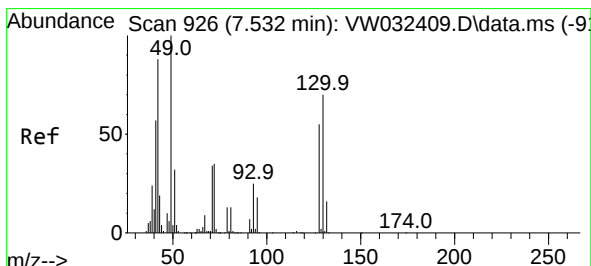
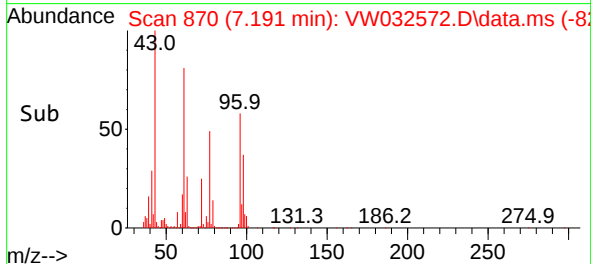
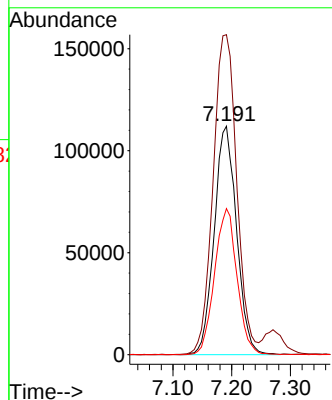
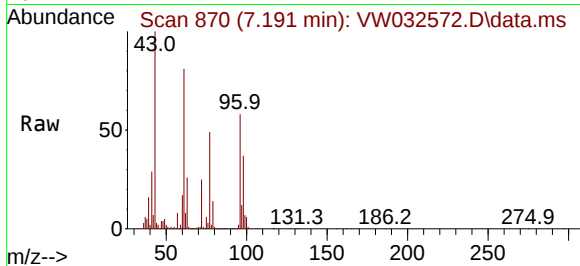


#27
 cis-1,2-Dichloroethene
 Concen: 46.157 ug/l
 RT: 7.191 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VW032572.D
 Acq: 05 Dec 2025 11:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 296569

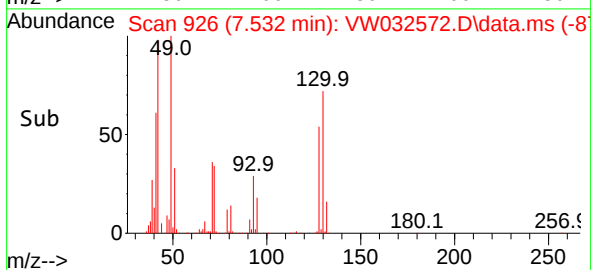
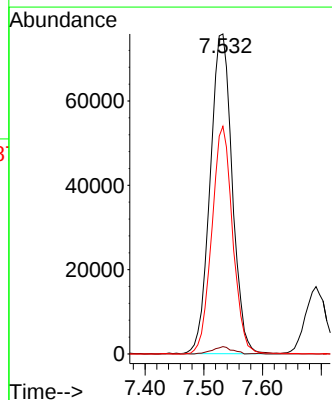
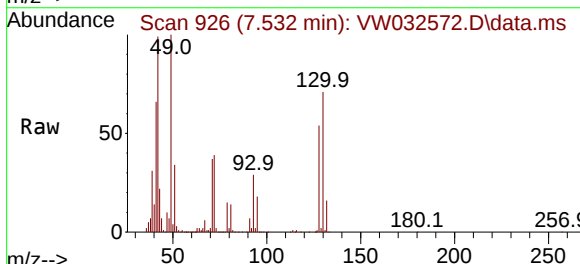
Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	298.6
98	64.1	0.0	129.2



#28
 Bromochloromethane
 Concen: 41.111 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032572.D
 Acq: 05 Dec 2025 11:32

Tgt Ion: 49 Resp: 197857

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.6
130	67.5	54.1	81.1





#29

Tetrahydrofuran

Concen: 227.536 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

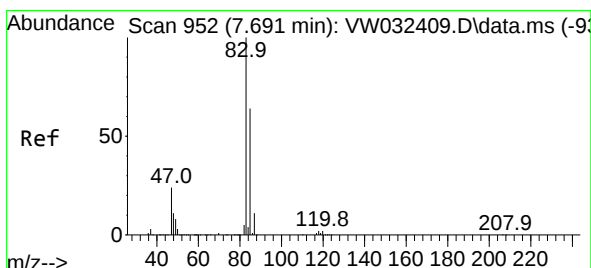
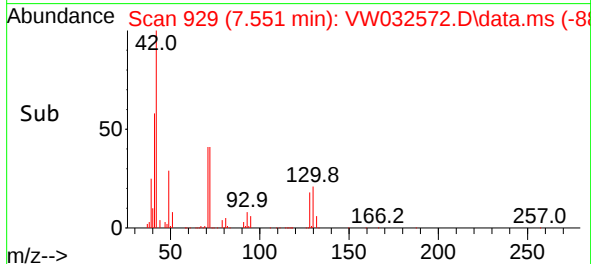
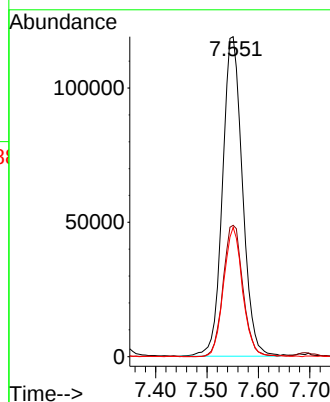
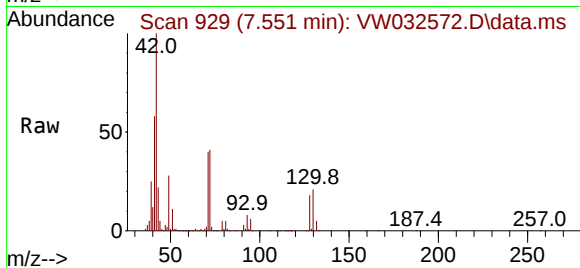
Tgt Ion: 42 Resp: 321088

Ion Ratio Lower Upper

42 100

72 41.1 32.4 48.6

71 38.6 31.1 46.7



#30

Chloroform

Concen: 45.024 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032572.D

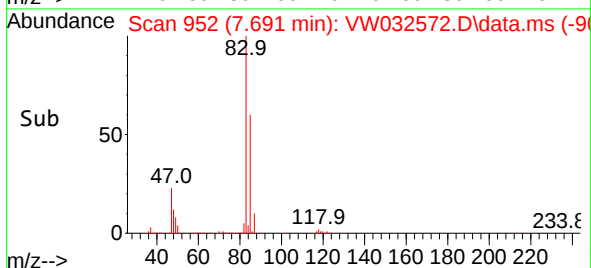
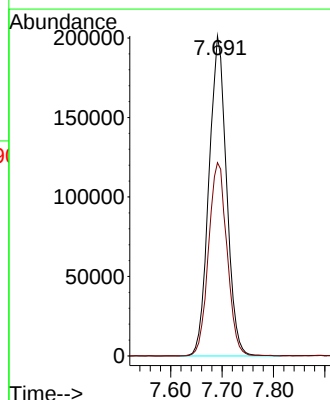
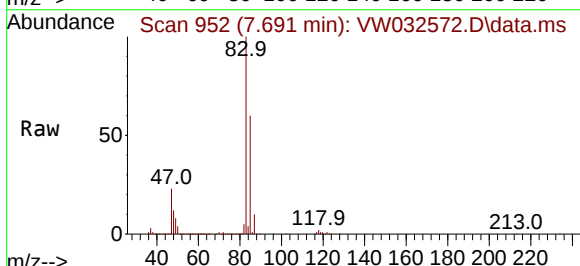
Acq: 05 Dec 2025 11:32

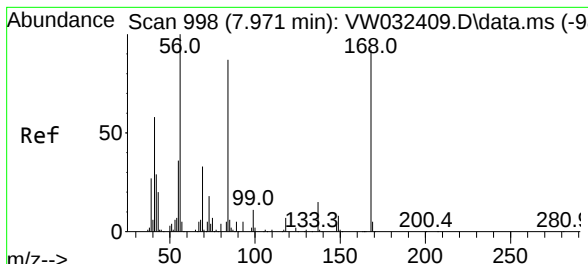
Tgt Ion: 83 Resp: 478732

Ion Ratio Lower Upper

83 100

85 60.4 53.1 79.7



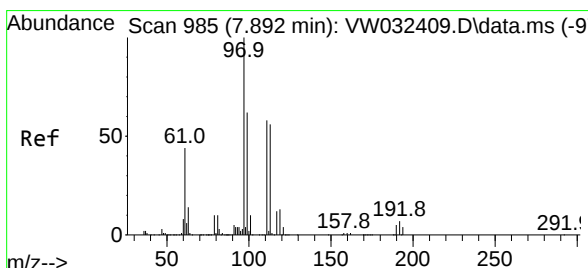
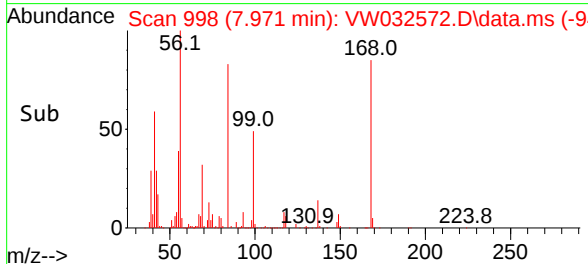
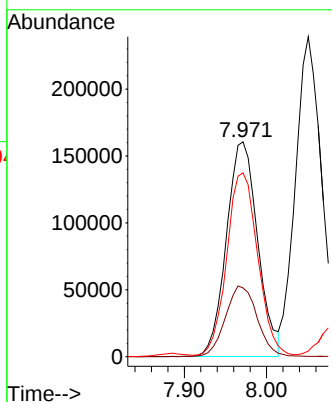
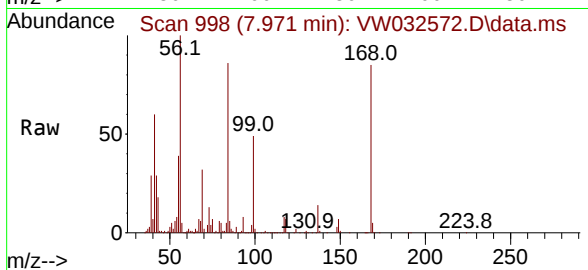


#31
Cyclohexane
Concen: 45.039 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 425494

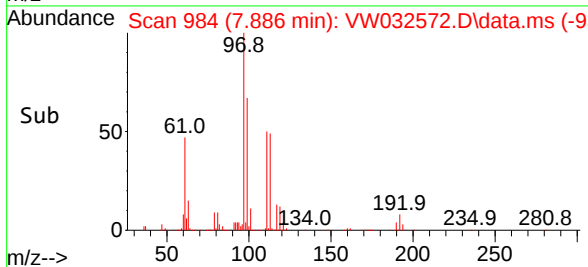
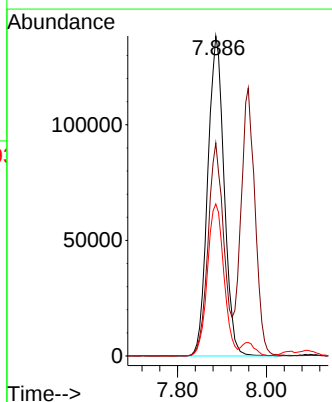
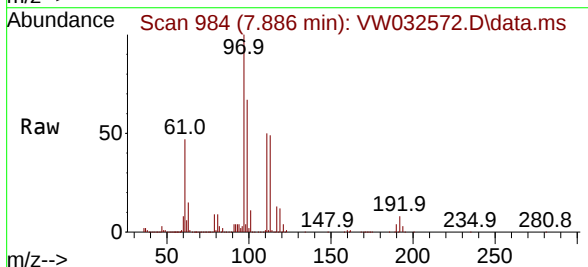
Ion	Ratio	Lower	Upper
56	100		
69	32.1	27.3	40.9
84	84.4	67.5	101.3

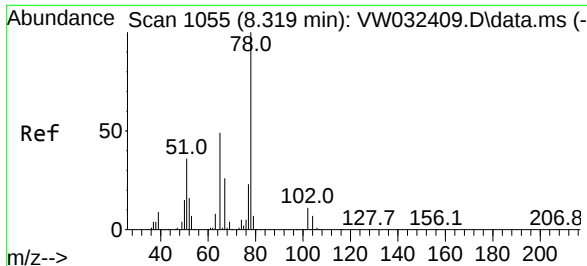


#32
1,1,1-Trichloroethane
Concen: 45.902 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 97 Resp: 354223

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.8
61	47.9	37.8	56.8

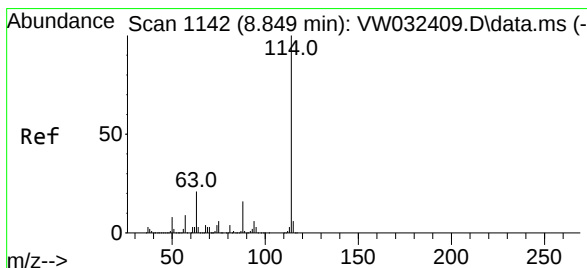
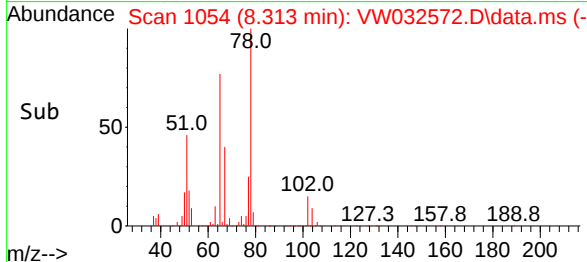
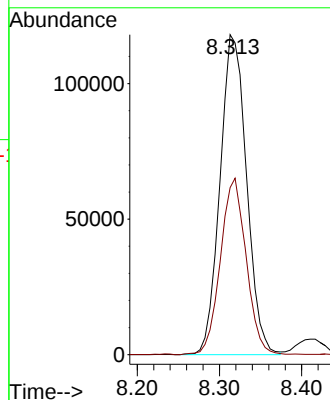
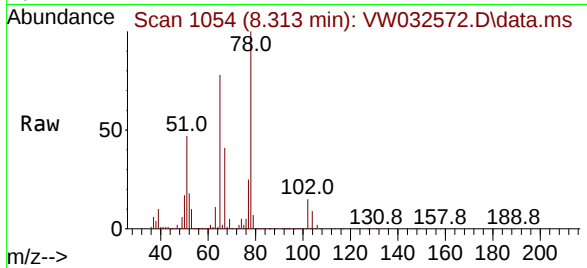




#33
 1,2-Dichloroethane-d4
 Concen: 44.951 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW032572.D
 Acq: 05 Dec 2025 11:32

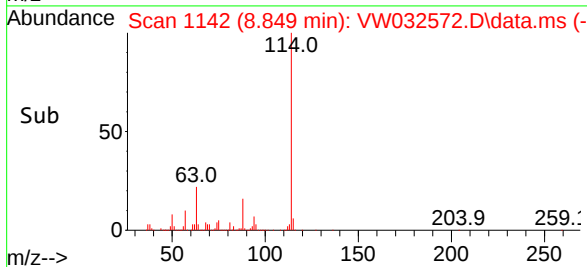
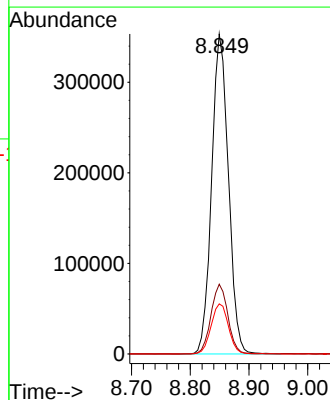
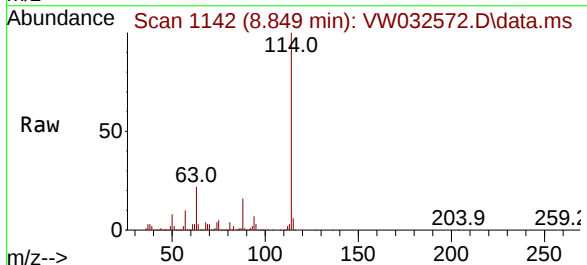
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

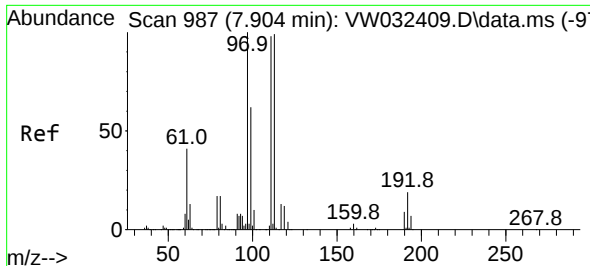
Tgt Ion: 65 Resp: 264911
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032572.D
 Acq: 05 Dec 2025 11:32

Tgt Ion: 114 Resp: 700829
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.6
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.390 ug/l

RT: 7.898 min Scan# 9

Delta R.T. -0.006 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

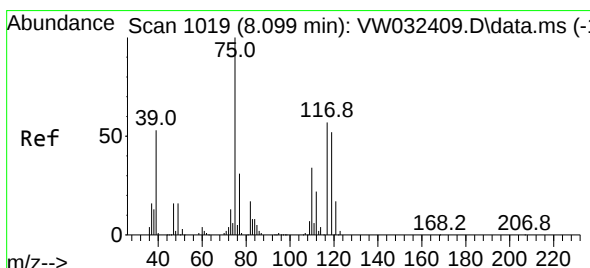
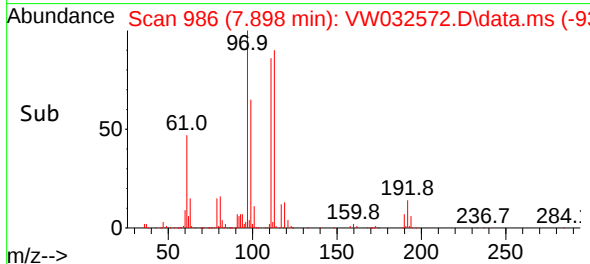
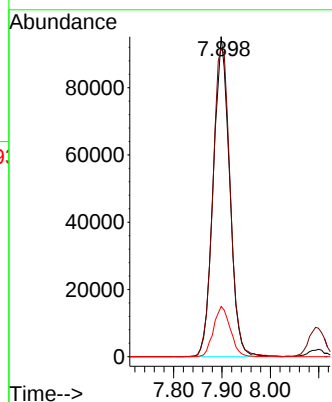
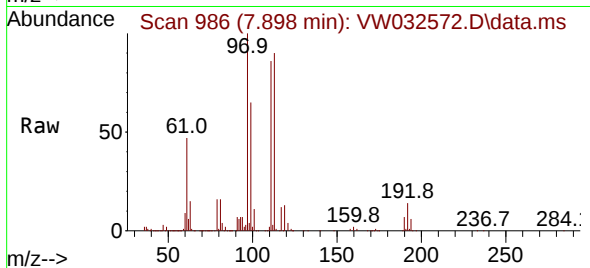
Tgt Ion:113 Resp: 223171

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.0

192 16.1 13.4 20.2



#36

1,1-Dichloropropene

Concen: 48.722 ug/l

RT: 8.093 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

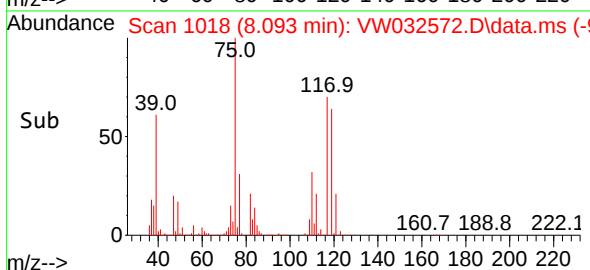
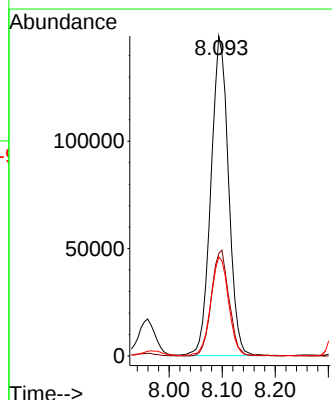
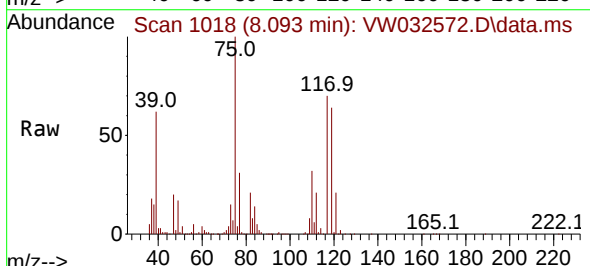
Tgt Ion: 75 Resp: 342740

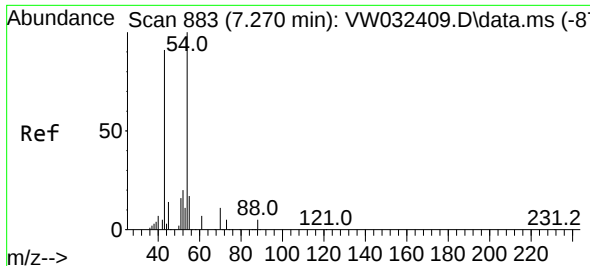
Ion Ratio Lower Upper

75 100

110 33.3 16.9 50.6

77 31.3 24.6 37.0

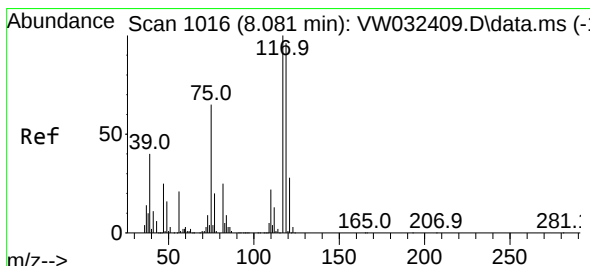
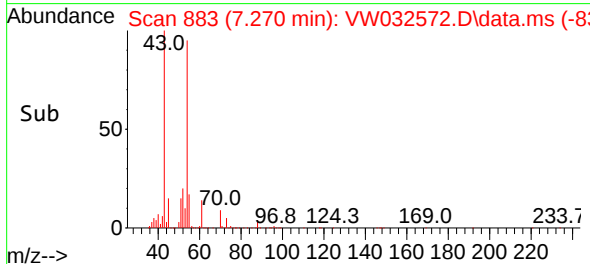
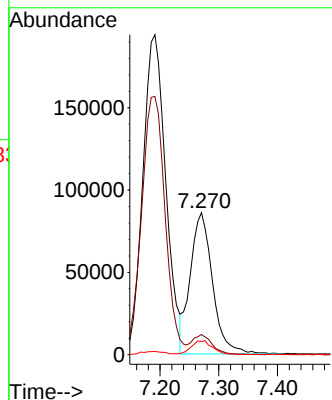
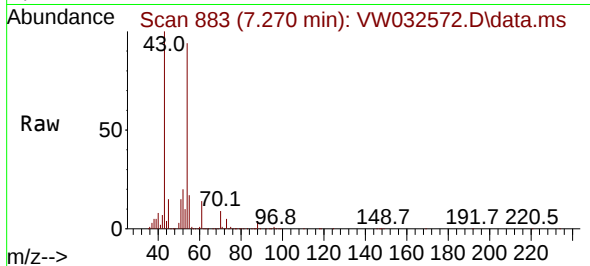




#37
Ethyl Acetate
Concen: 46.658 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

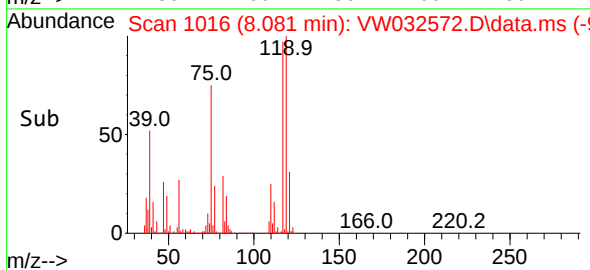
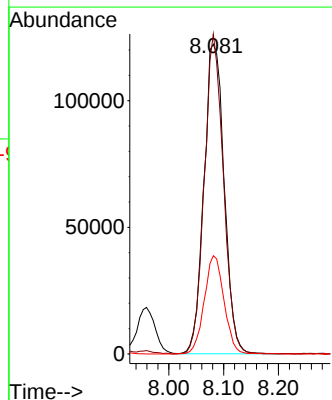
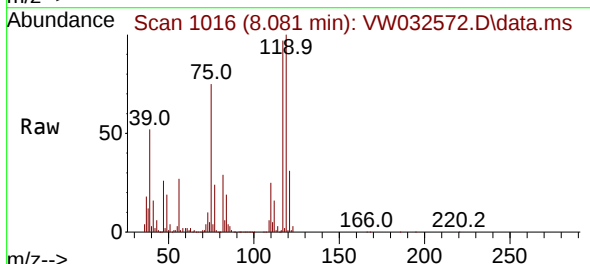
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

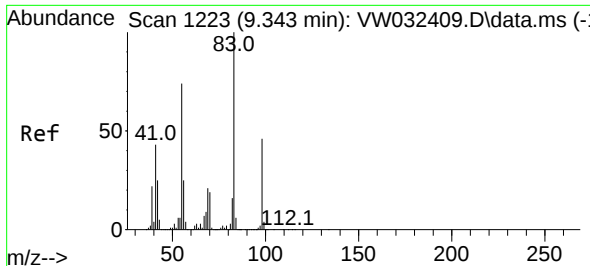
Tgt Ion: 43 Resp: 227139
Ion Ratio Lower Upper
43 100
61 12.4 10.6 16.0
70 9.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 48.072 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 117 Resp: 314171
Ion Ratio Lower Upper
117 100
119 103.2 76.9 115.3
121 31.7 25.4 38.2

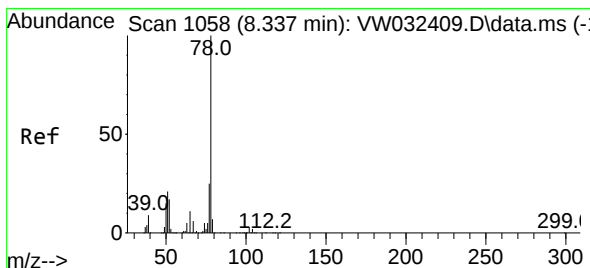
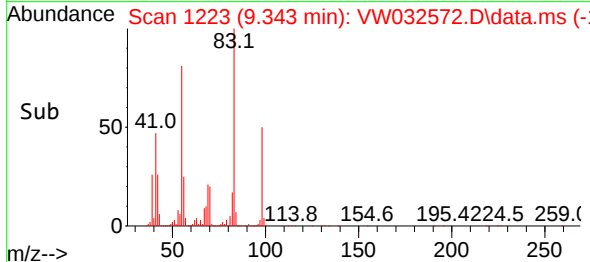
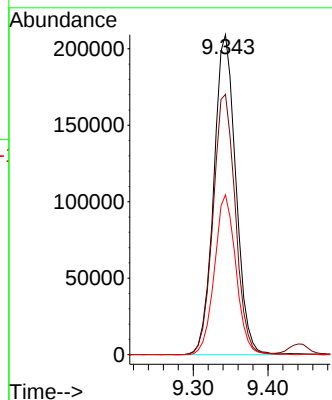
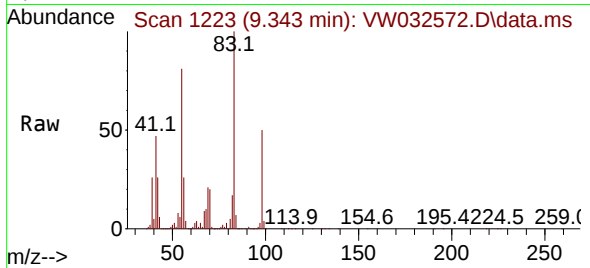




#39
Methylcyclohexane
Concen: 50.039 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

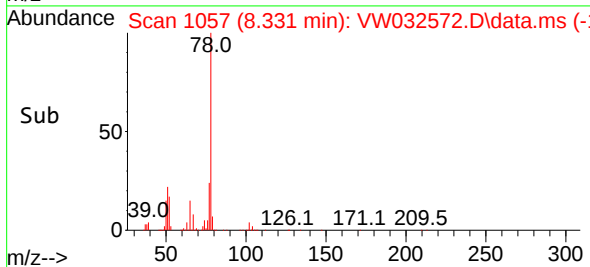
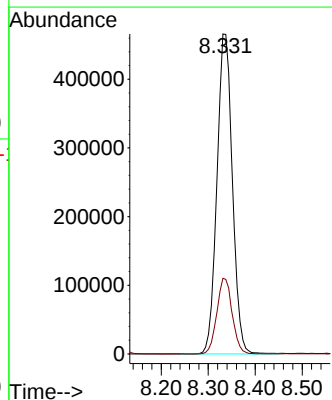
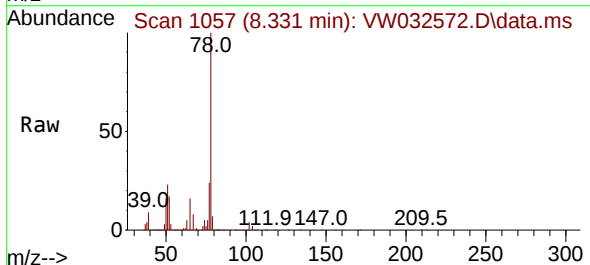
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

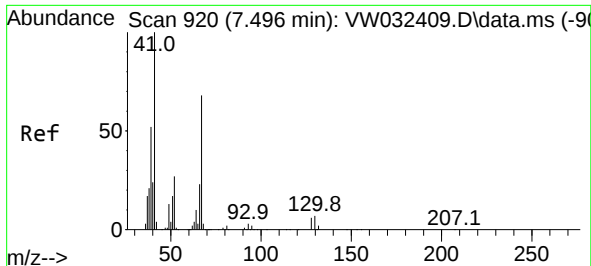
Tgt Ion: 83 Resp: 429828
Ion Ratio Lower Upper
83 100
55 81.3 64.9 97.3
98 50.0 36.2 54.4



#40
Benzene
Concen: 47.499 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 78 Resp: 1064810
Ion Ratio Lower Upper
78 100
77 23.6 20.0 30.0

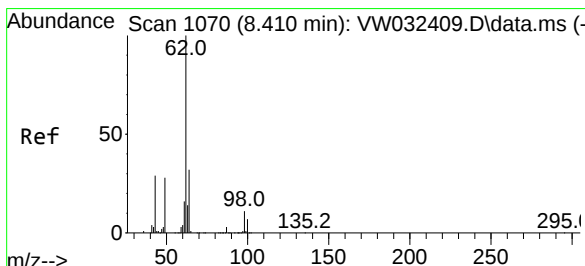
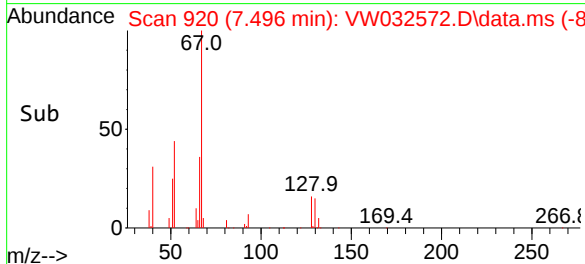
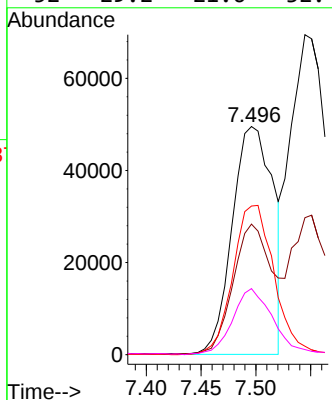
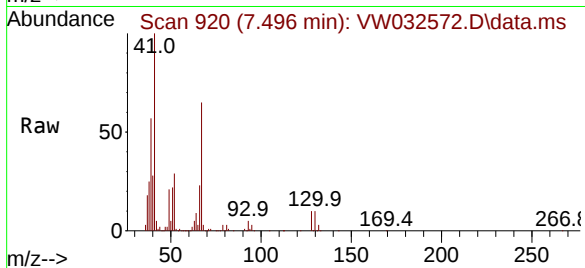




#41
Methacrylonitrile
Concen: 48.853 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

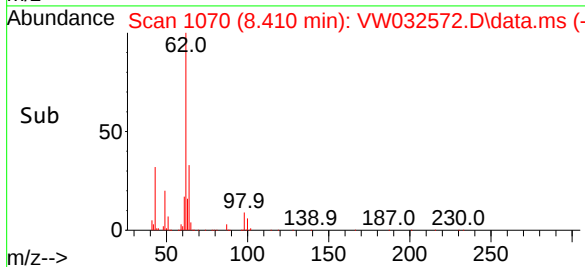
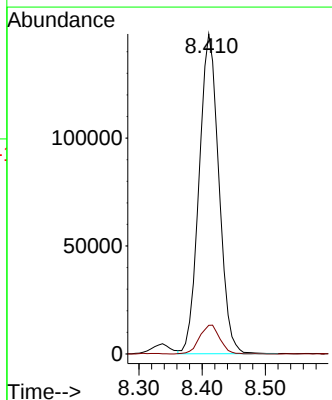
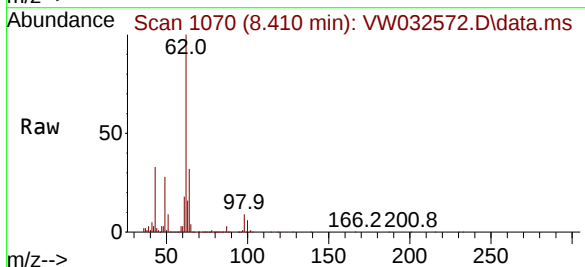
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

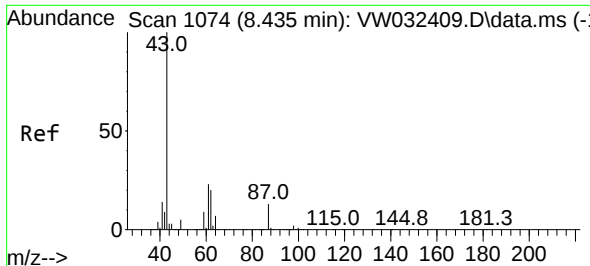
Tgt Ion:	41	Resp:	128683
Ion	Ratio	Lower	Upper
41	100		
39	58.0	38.5	57.7#
67	66.4	49.8	74.6
52	29.2	21.6	32.4



#42
1,2-Dichloroethane
Concen: 46.897 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion:	62	Resp:	322336
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.0

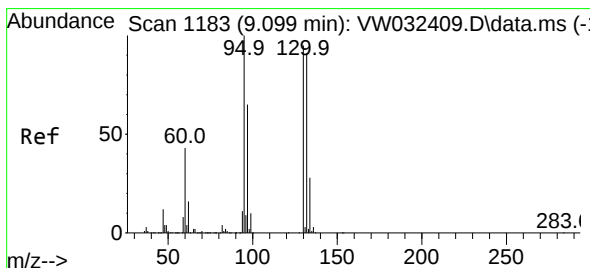
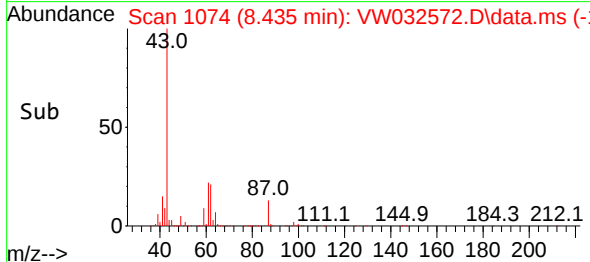
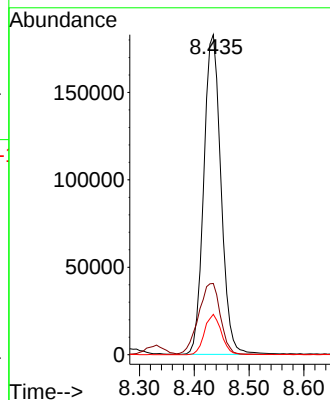
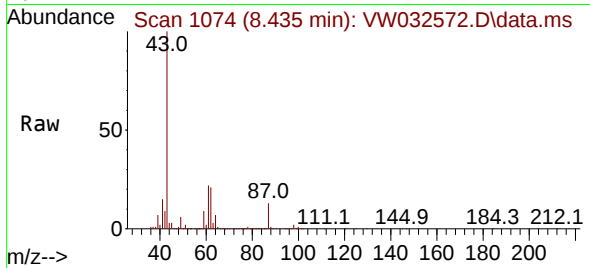




#43
Isopropyl Acetate
Concen: 47.522 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

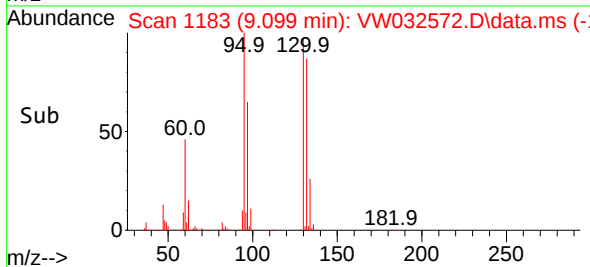
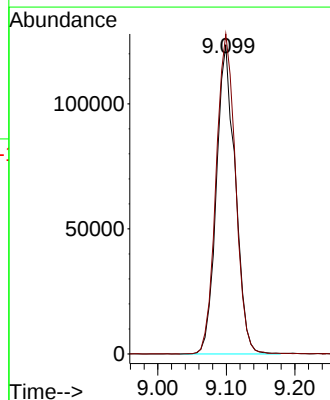
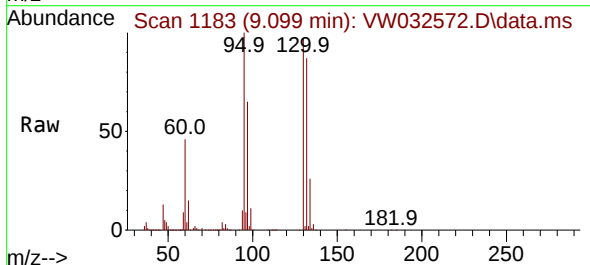
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

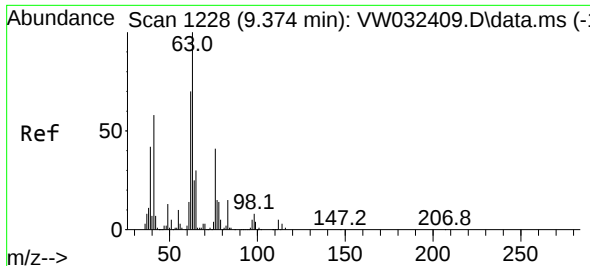
Tgt Ion: 43 Resp: 397651
Ion Ratio Lower Upper
43 100
61 28.1 22.3 33.5
87 12.3 9.9 14.9



#44
Trichloroethene
Concen: 47.181 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 130 Resp: 236391
Ion Ratio Lower Upper
130 100
95 103.4 0.0 190.4

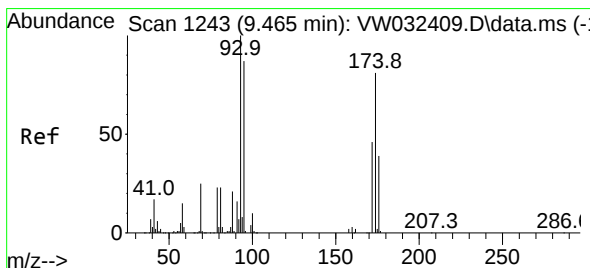
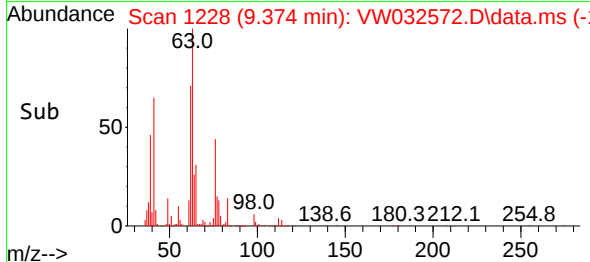
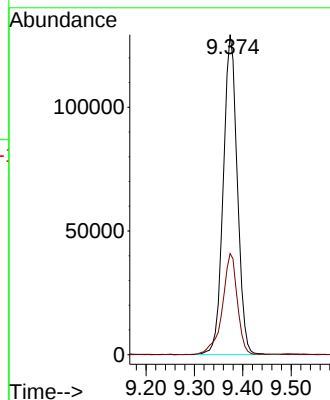
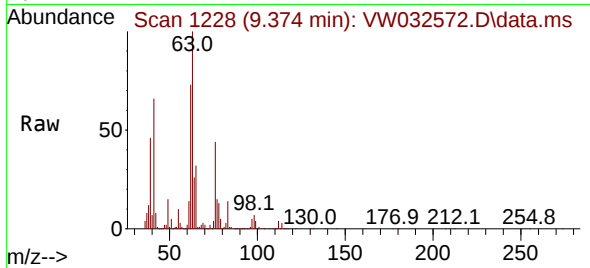




#45
1,2-Dichloropropane
Concen: 46.782 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

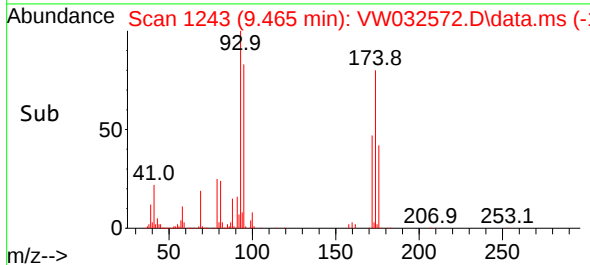
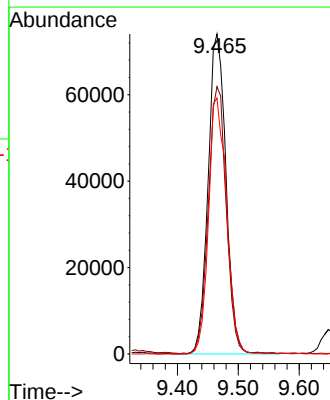
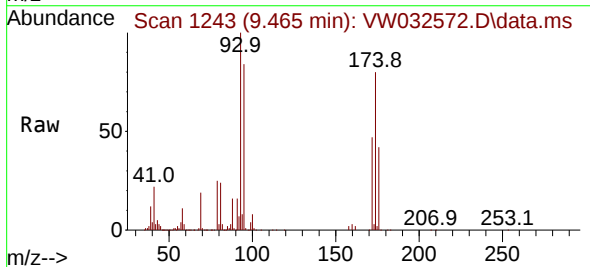
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 260485
Ion Ratio Lower Upper
63 100
65 31.6 26.5 39.7



#46
Dibromomethane
Concen: 47.005 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 93 Resp: 151349
Ion Ratio Lower Upper
93 100
95 83.4 66.4 99.6
174 81.0 65.3 97.9

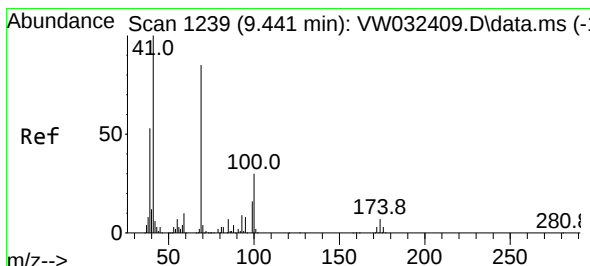
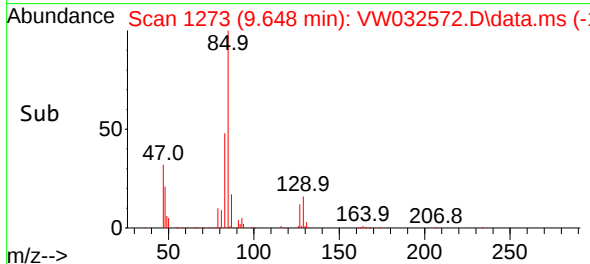
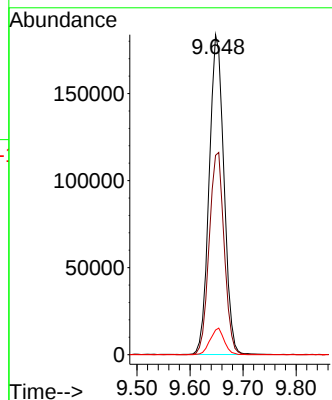
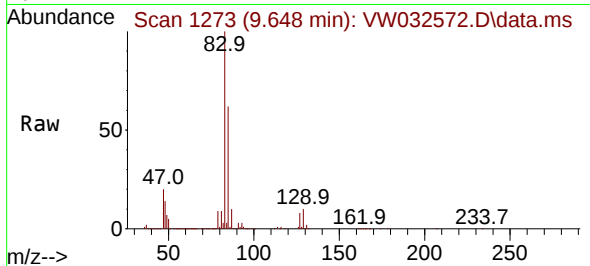




#47
Bromodichloromethane
Concen: 47.079 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

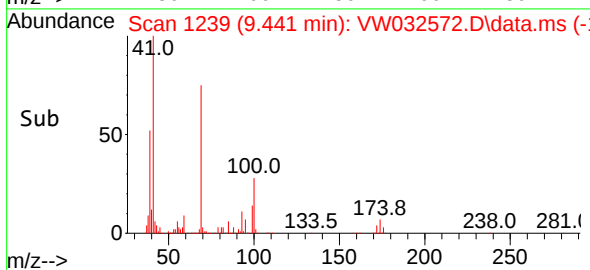
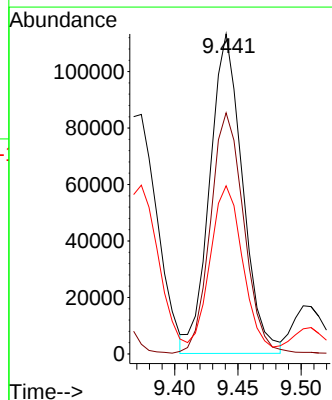
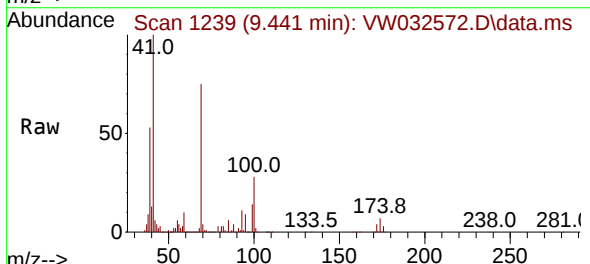
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

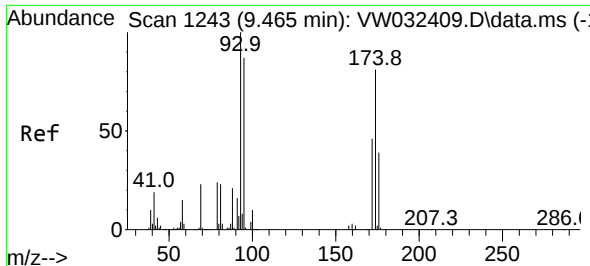
Tgt Ion: 83 Resp: 355300
Ion Ratio Lower Upper
83 100
85 62.3 50.8 76.2
127 7.7 7.0 10.6



#48
Methyl methacrylate
Concen: 53.571 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 41 Resp: 203773
Ion Ratio Lower Upper
41 100
69 76.7 62.1 93.1
39 48.4 39.1 58.7

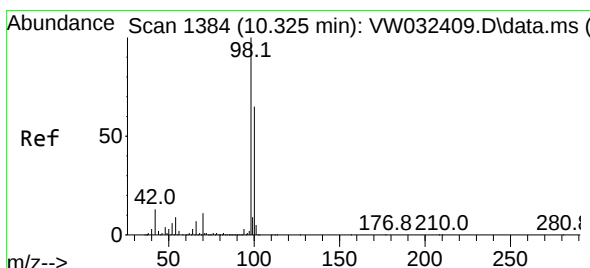
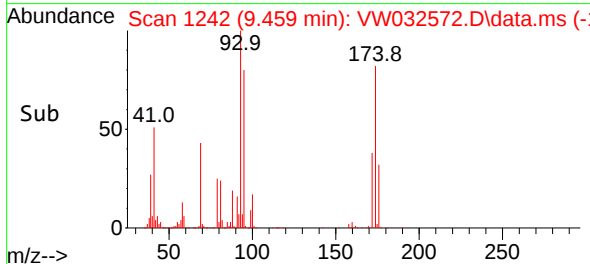
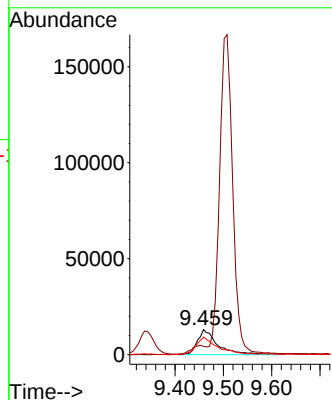
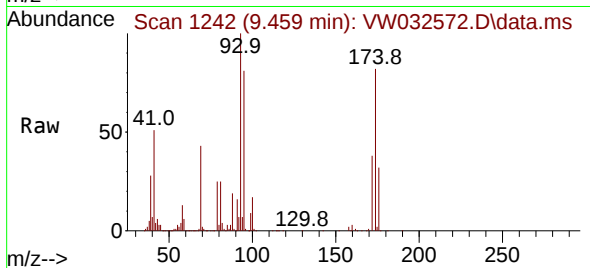




#49
1,4-Dioxane
Concen: 990.451 ug/l
RT: 9.459 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

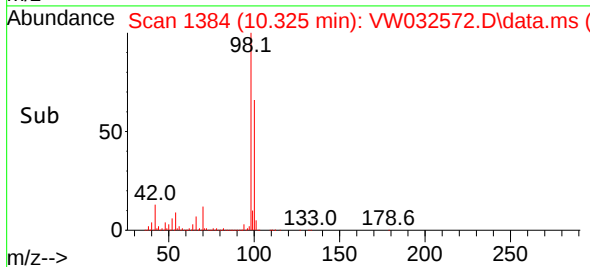
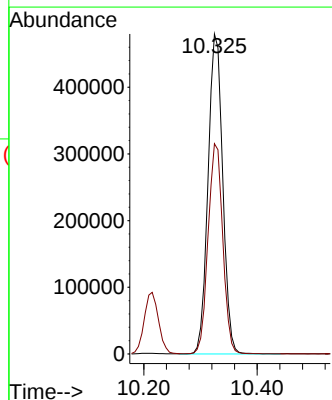
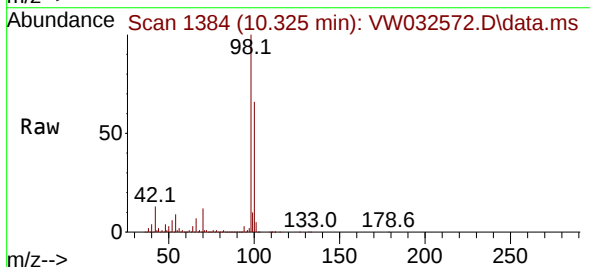
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

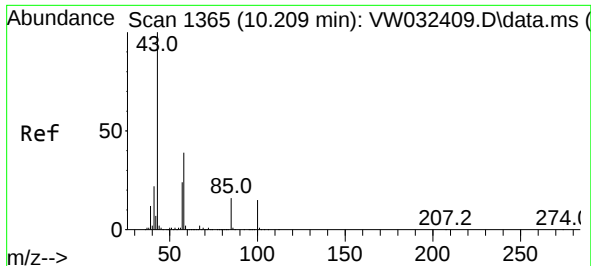
Tgt Ion: 88 Resp: 38107
Ion Ratio Lower Upper
88 100
43 25.8 0.0 0.0#
58 73.1 65.2 97.8



#50
Toluene-d8
Concen: 49.625 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 98 Resp: 861193
Ion Ratio Lower Upper
98 100
100 65.8 54.7 82.1

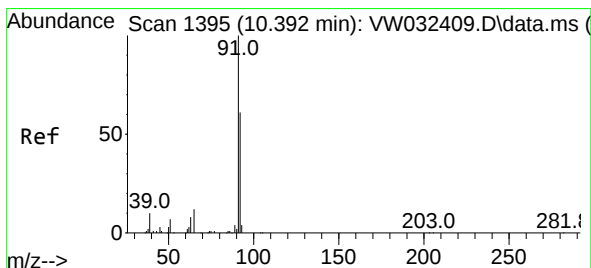
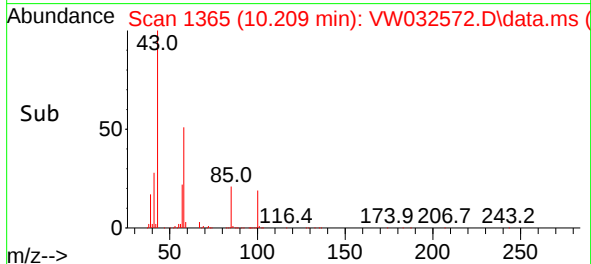
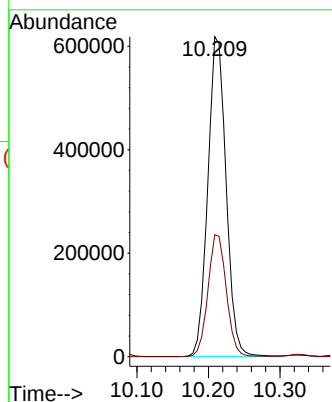
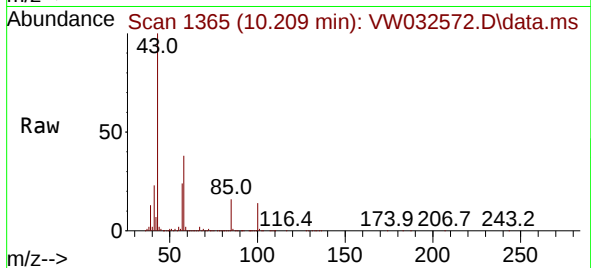




#51
4-Methyl-2-Pentanone
Concen: 237.201 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

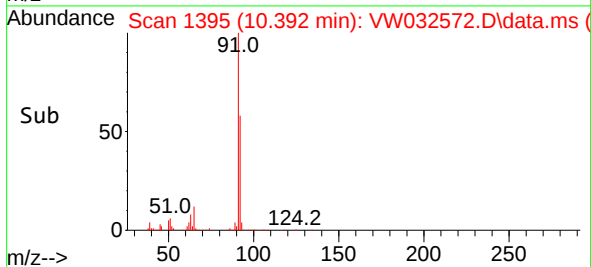
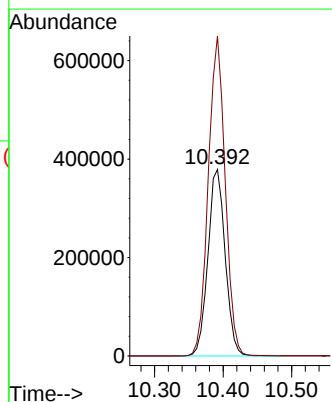
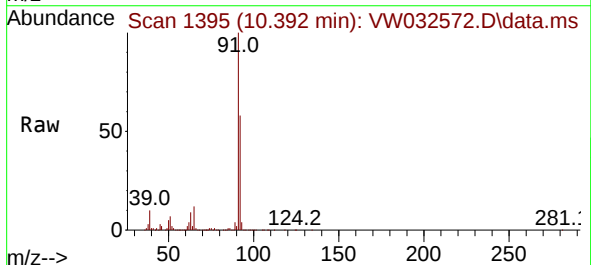
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

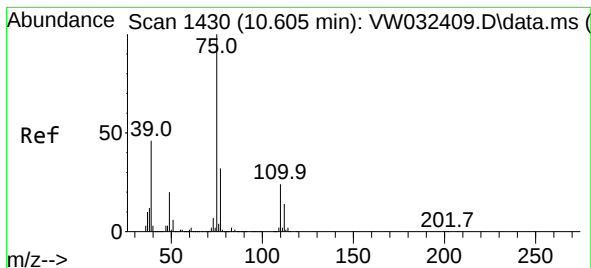
Tgt Ion: 43 Resp: 1098274
Ion Ratio Lower Upper
43 100
58 38.4 30.5 45.7



#52
Toluene
Concen: 49.081 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 92 Resp: 662962
Ion Ratio Lower Upper
92 100
91 168.5 138.6 207.8

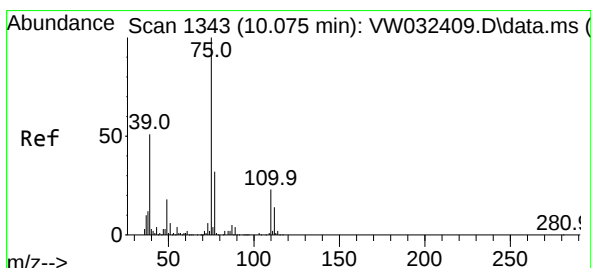
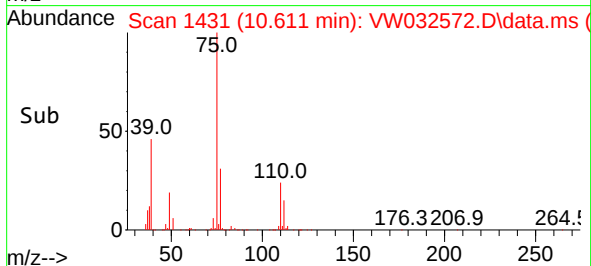
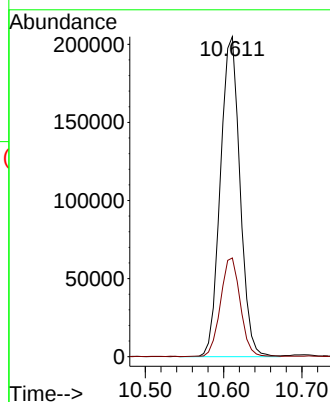
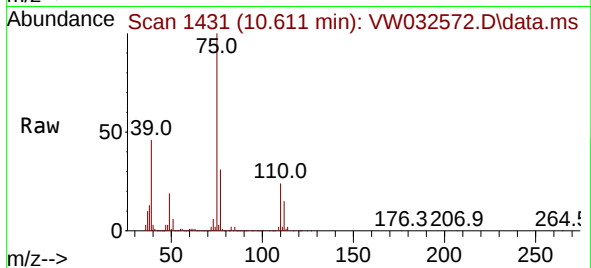




#53
t-1,3-Dichloropropene
Concen: 49.367 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

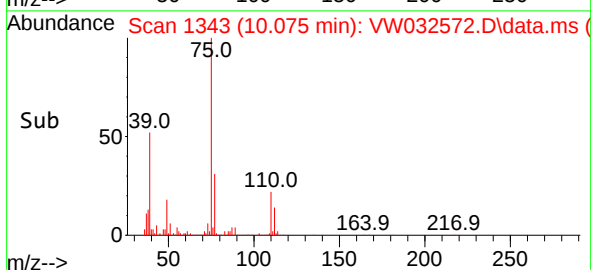
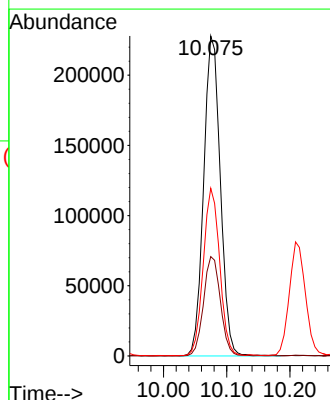
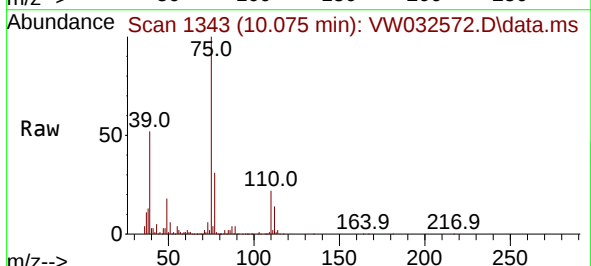
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

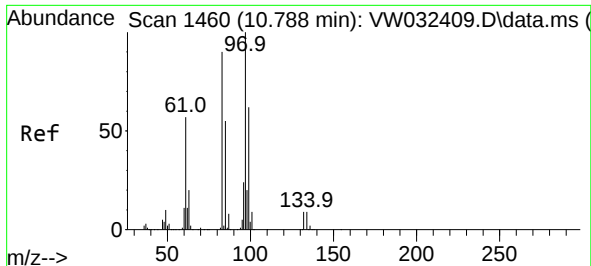
Tgt Ion: 75 Resp: 357424
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 49.289 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 75 Resp: 418779
Ion Ratio Lower Upper
75 100
77 31.0 26.5 39.7
39 52.2 42.9 64.3

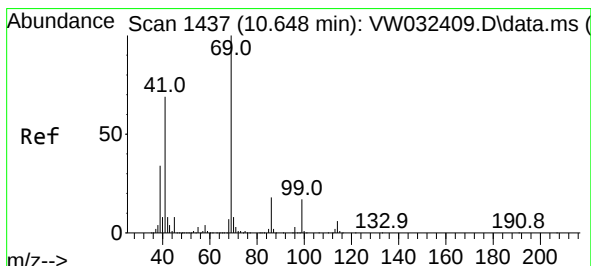
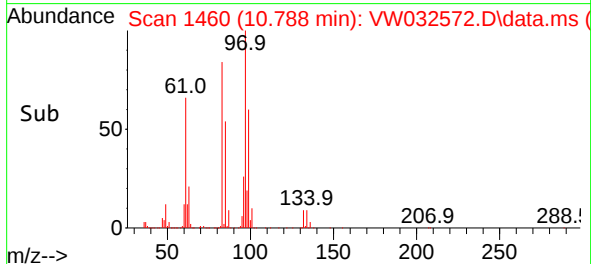
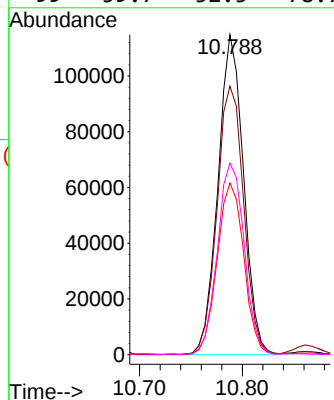
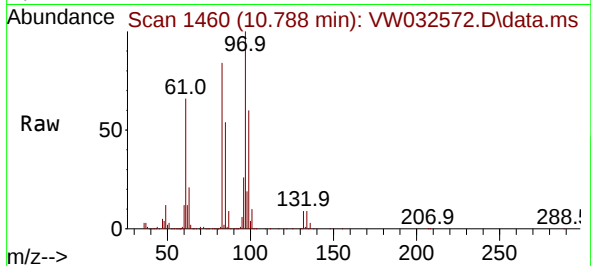




#55
1,1,2-Trichloroethane
Concen: 45.990 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

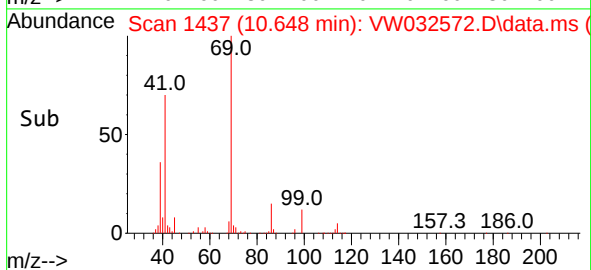
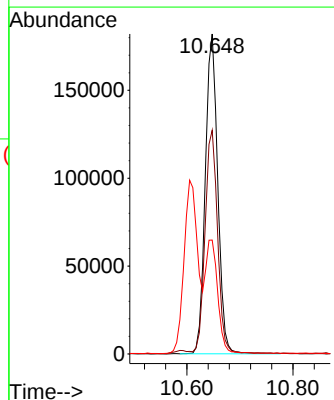
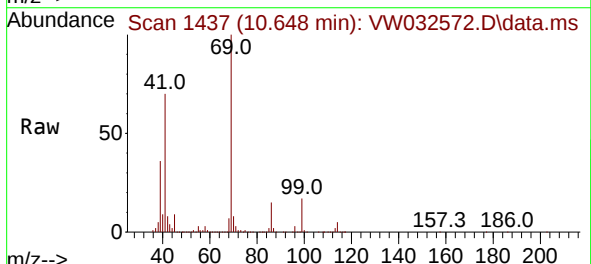
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	198338
Ion	Ratio	Lower	Upper
97	100		
83	83.8	76.3	114.5
85	53.5	46.1	69.1
99	59.7	52.5	78.7



#56
Ethyl methacrylate
Concen: 49.628 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion:	69	Resp:	295980
Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.2	84.4
39	34.2	26.9	40.3





#57

1,3-Dichloropropane

Concen: 47.082 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

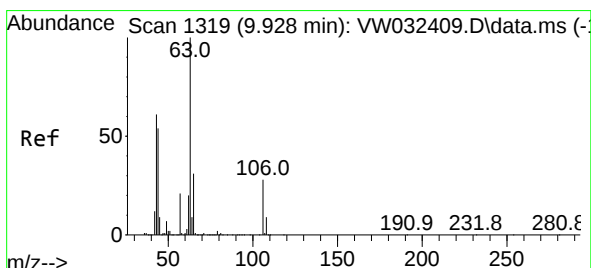
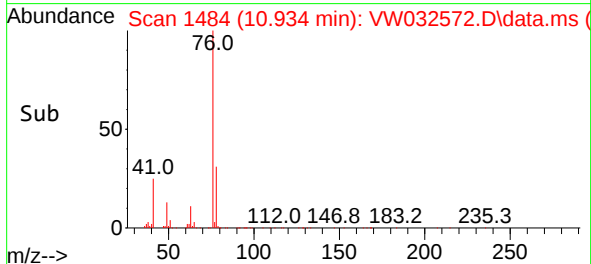
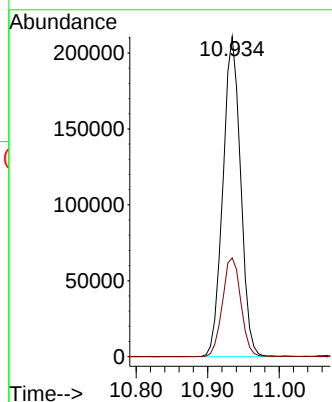
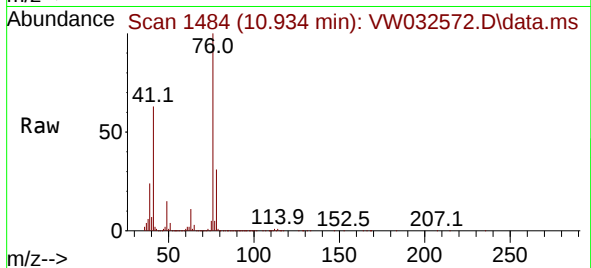
VSTDCCC050

Tgt Ion: 76 Resp: 362376

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 199.328 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032572.D

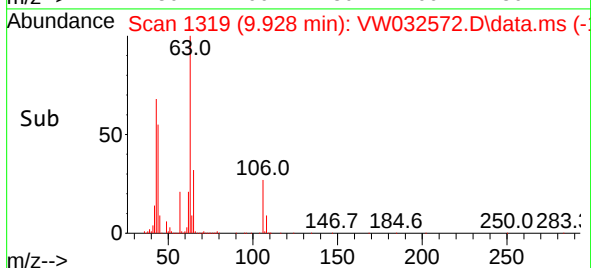
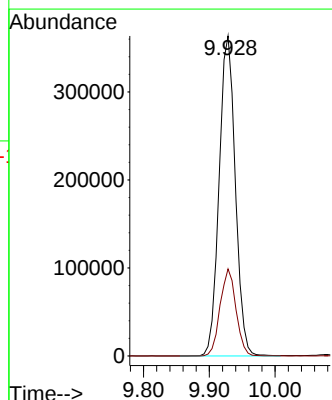
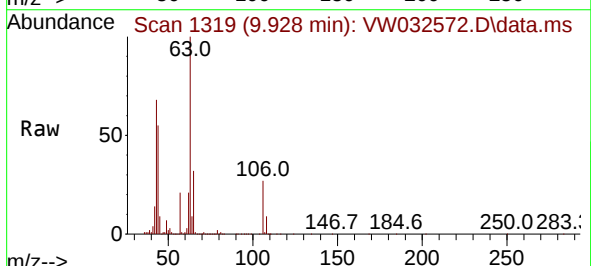
Acq: 05 Dec 2025 11:32

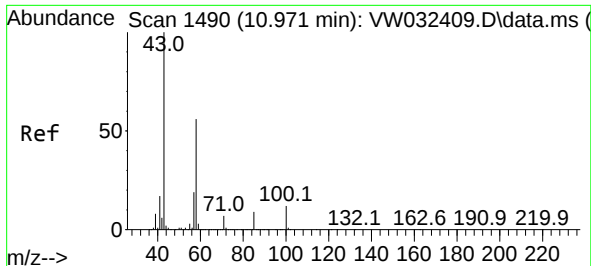
Tgt Ion: 63 Resp: 622895

Ion Ratio Lower Upper

63 100

106 26.7 21.5 32.3

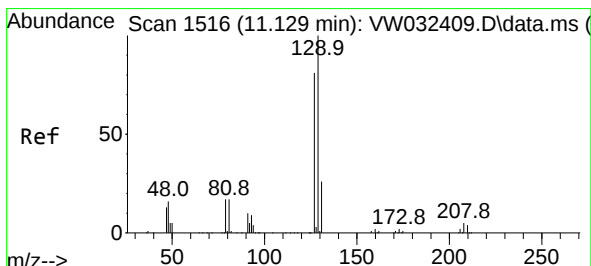
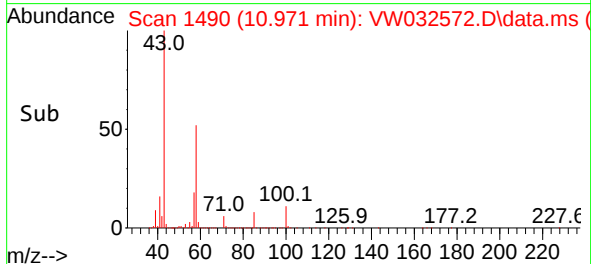
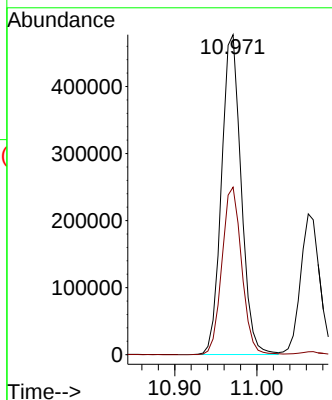
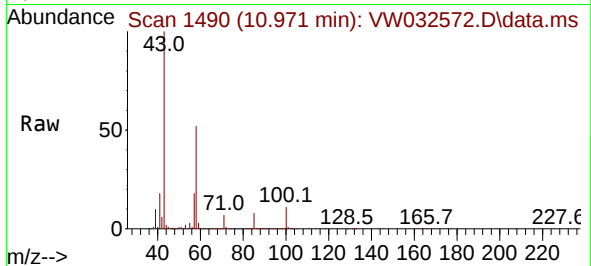




#59
2-Hexanone
Concen: 240.132 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

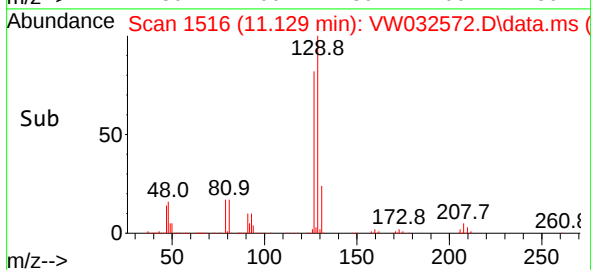
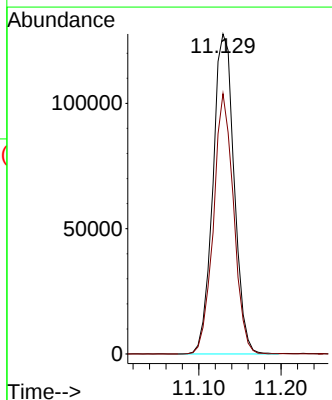
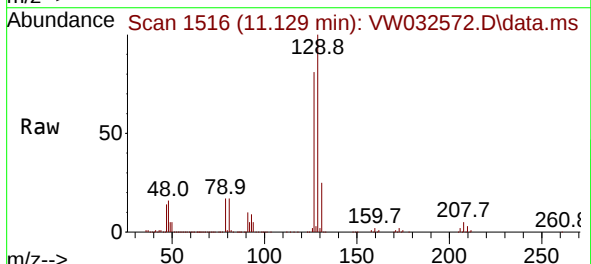
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

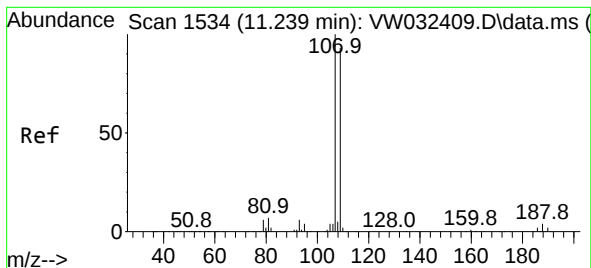
Tgt Ion: 43 Resp: 791826
Ion Ratio Lower Upper
43 100
58 52.6 26.2 78.6



#60
Dibromochloromethane
Concen: 47.443 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion:129 Resp: 229316
Ion Ratio Lower Upper
129 100
127 77.0 40.9 122.8

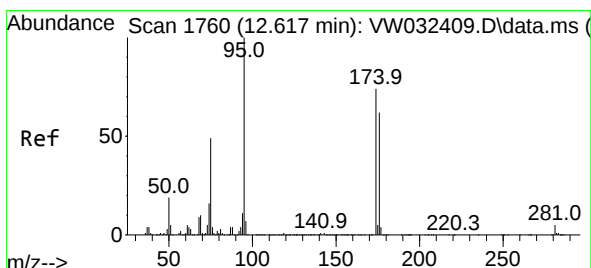
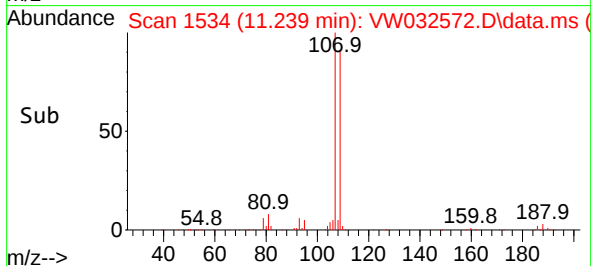
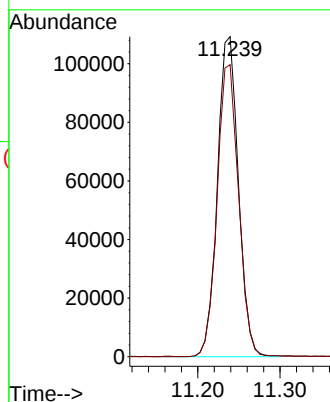
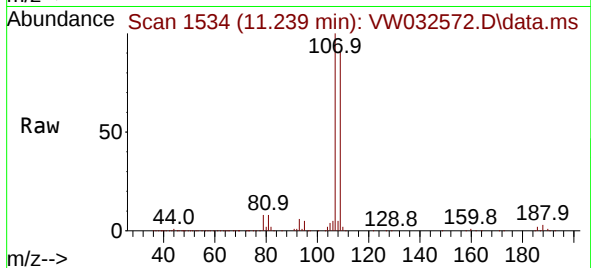




#61
1,2-Dibromoethane
Concen: 47.264 ug/l
RT: 11.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

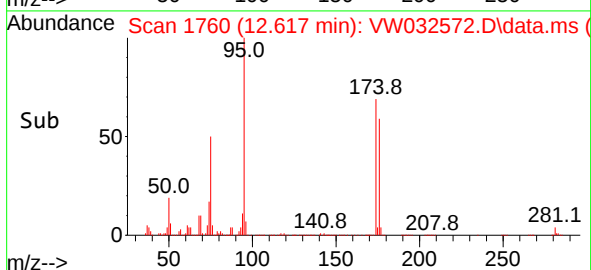
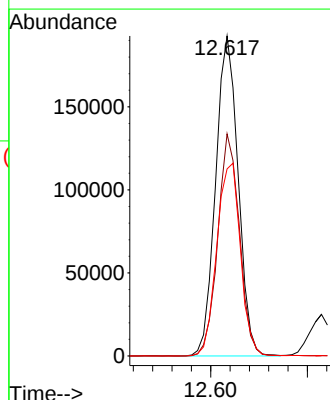
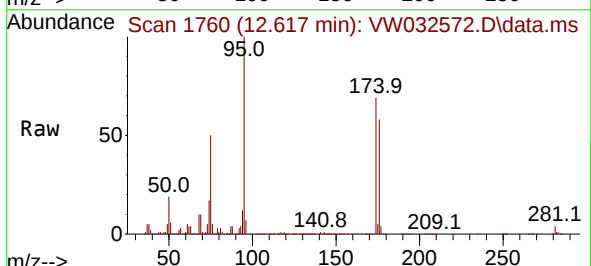
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

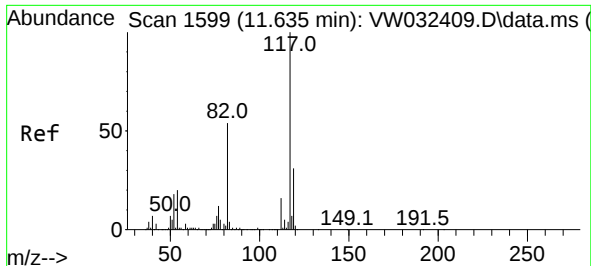
Tgt Ion:107 Resp: 193848
Ion Ratio Lower Upper
107 100
109 93.1 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 48.435 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 95 Resp: 310550
Ion Ratio Lower Upper
95 100
174 67.0 0.0 141.2
176 63.3 0.0 130.8

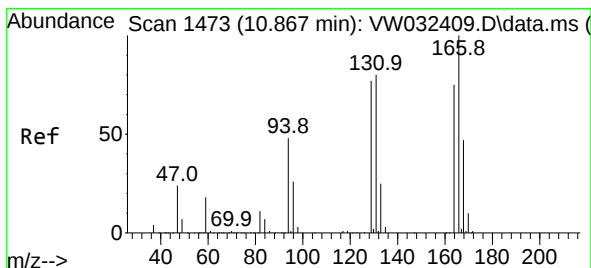
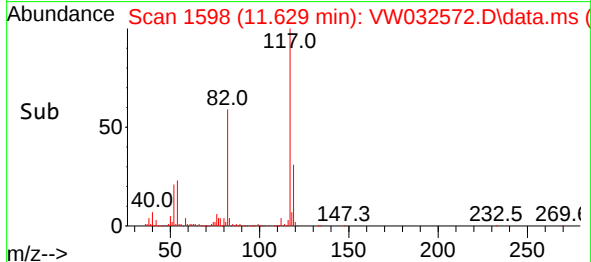
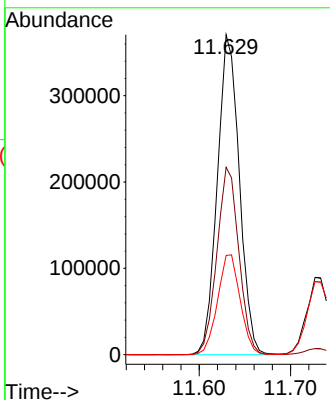
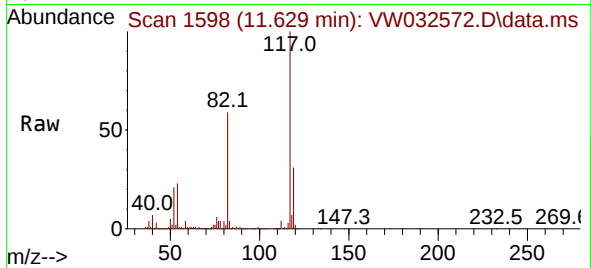




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

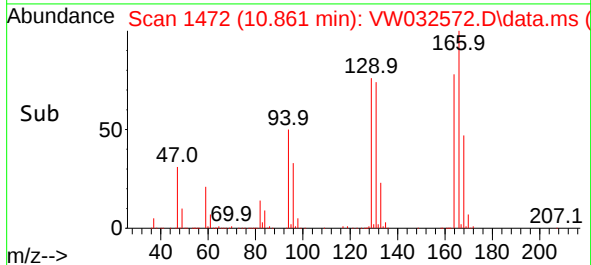
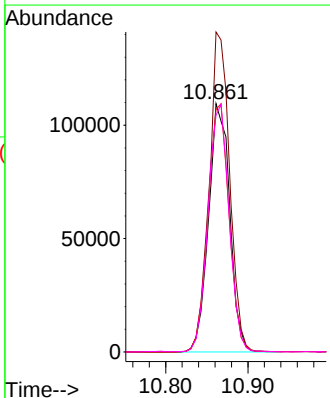
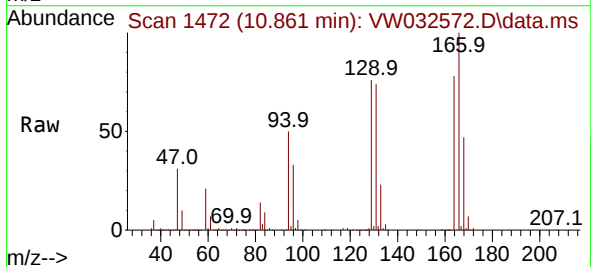
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 621542
Ion Ratio Lower Upper
117 100
82 58.5 45.9 68.9
119 31.0 26.3 39.5



#64
Tetrachloroethene
Concen: 47.292 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion:164 Resp: 196049
Ion Ratio Lower Upper
164 100
166 128.8 97.3 145.9
129 97.7 75.7 113.5
131 95.2 74.6 111.8





#65

Chlorobenzene

Concen: 48.100 ug/l

RT: 11.660 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

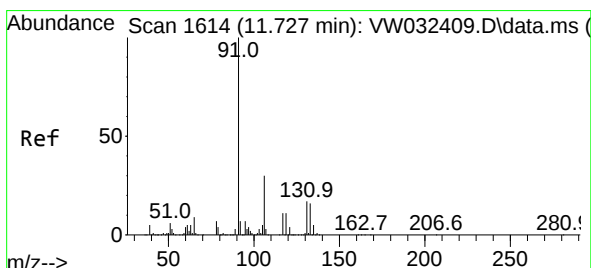
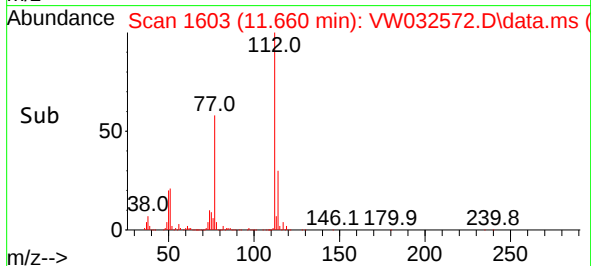
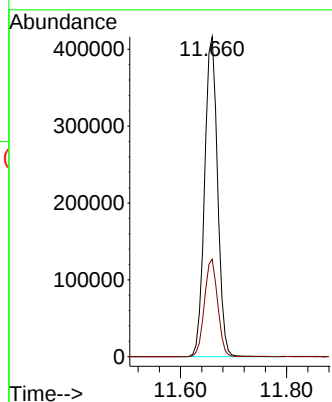
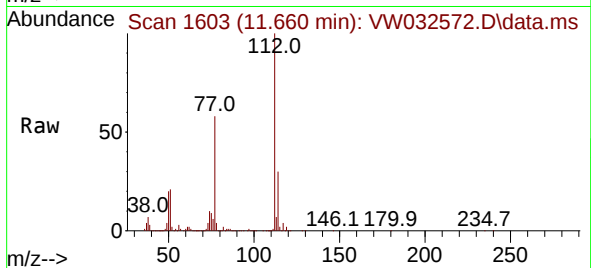
VSTDCCC050

Tgt Ion:112 Resp: 706414

Ion Ratio Lower Upper

112 100

114 30.5 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 48.415 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

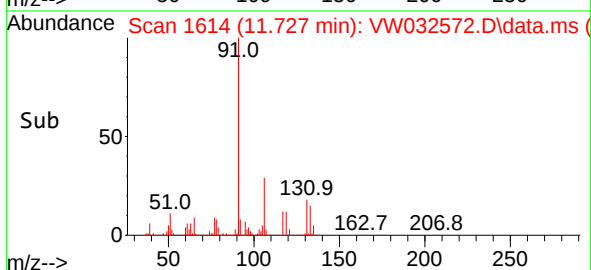
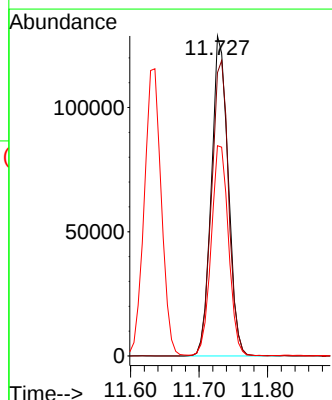
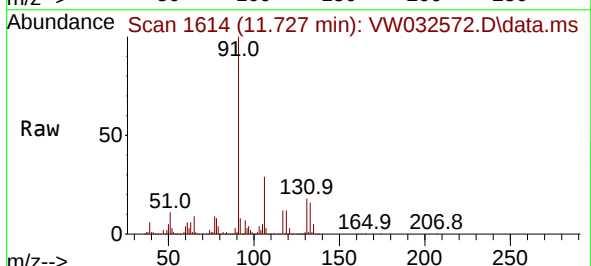
Tgt Ion:131 Resp: 219919

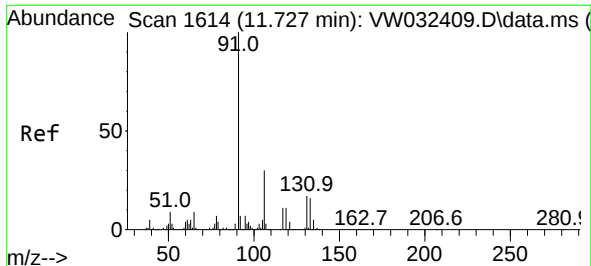
Ion Ratio Lower Upper

131 100

133 94.2 47.4 142.3

119 67.8 32.2 96.6





#67

Ethyl Benzene

Concen: 49.983 ug/l

RT: 11.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

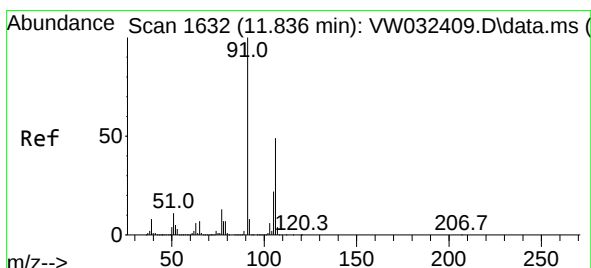
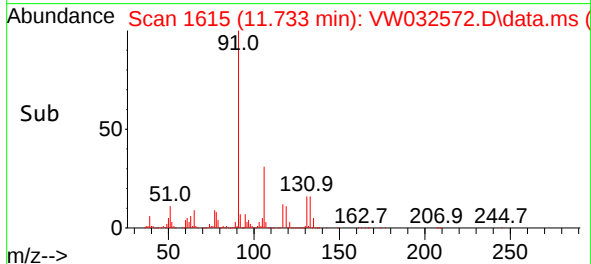
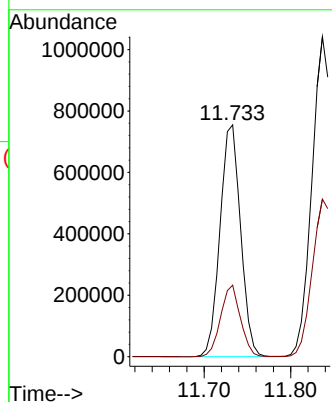
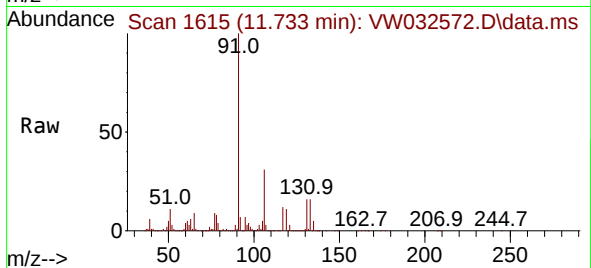
VSTDCCC050

Tgt Ion: 91 Resp: 1245963

Ion Ratio Lower Upper

91 100

106 30.9 23.0 34.6



#68

m/p-Xylenes

Concen: 100.739 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032572.D

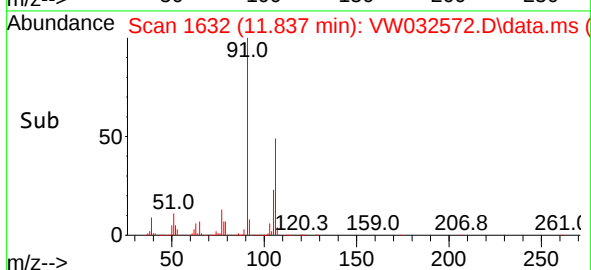
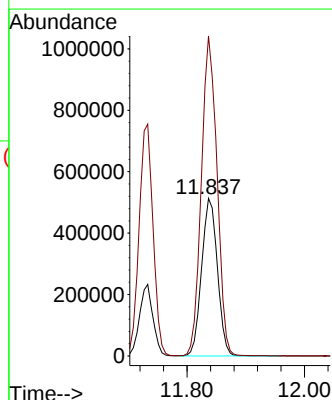
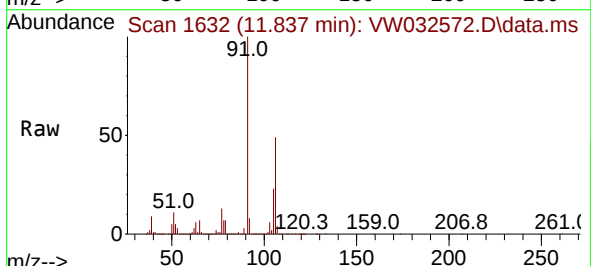
Acq: 05 Dec 2025 11:32

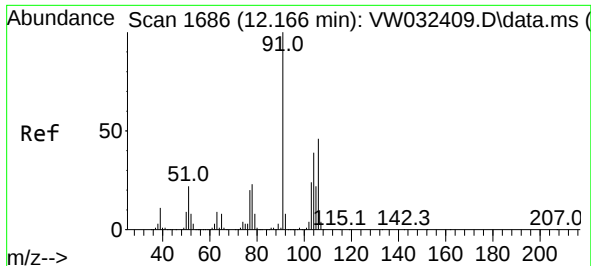
Tgt Ion:106 Resp: 954739

Ion Ratio Lower Upper

106 100

91 202.1 163.3 244.9

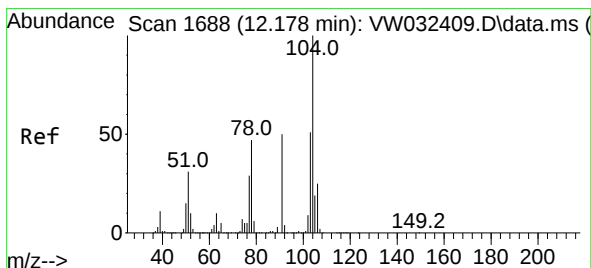
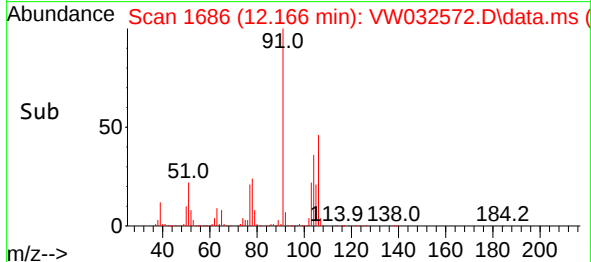
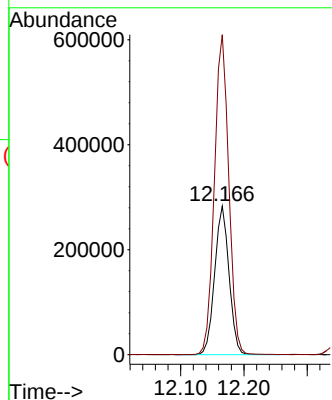
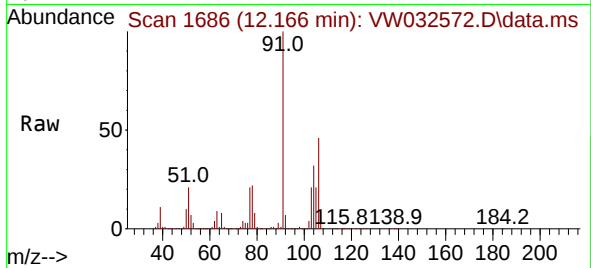




#69
o-Xylene
Concen: 51.253 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

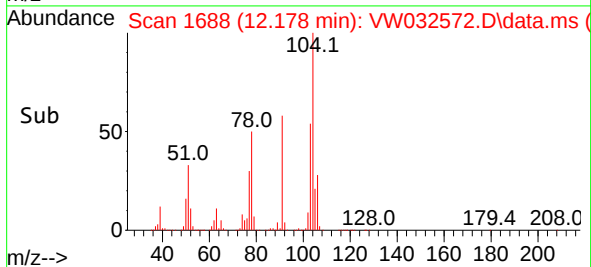
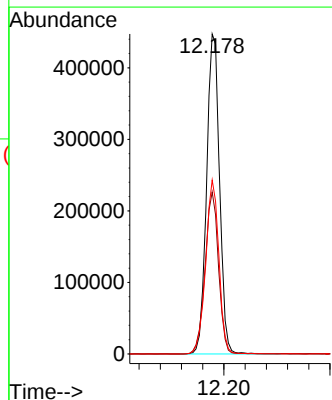
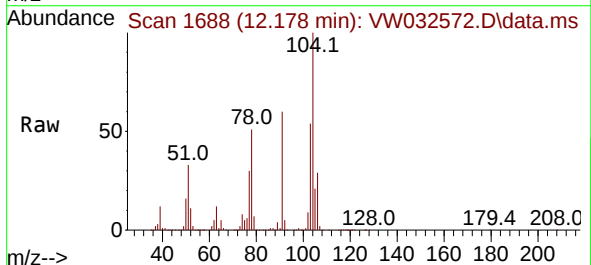
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

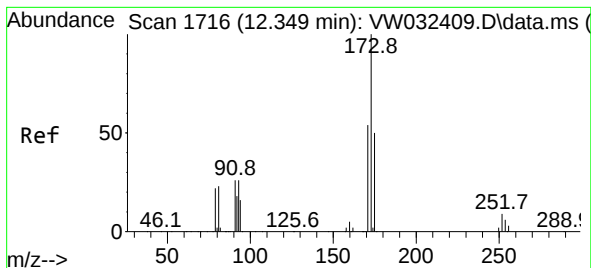
Tgt Ion:106 Resp: 444848
Ion Ratio Lower Upper
106 100
91 215.9 104.1 312.3



#70
Styrene
Concen: 49.575 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion:104 Resp: 754760
Ion Ratio Lower Upper
104 100
78 52.8 40.8 61.2
103 55.5 43.3 64.9





#71

Bromoform

Concen: 47.522 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

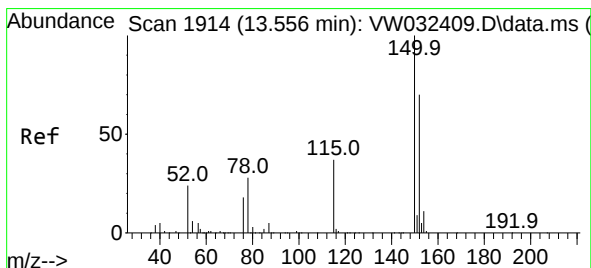
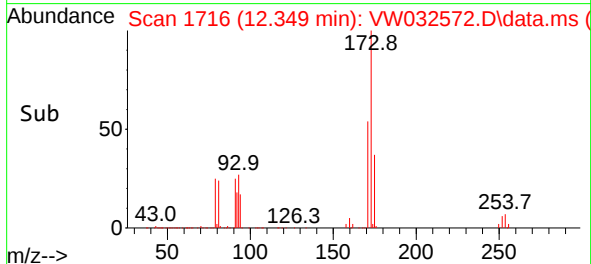
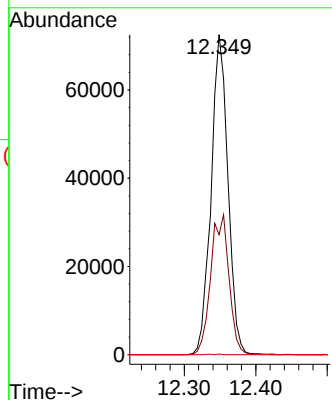
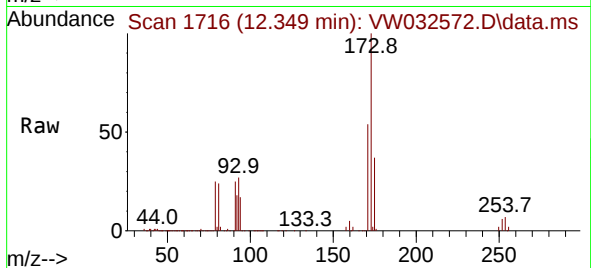
Tgt Ion:173 Resp: 118704

Ion Ratio Lower Upper

173 100

175 47.5 24.6 74.0

254 0.1 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: VW032572.D

Acq: 05 Dec 2025 11:32

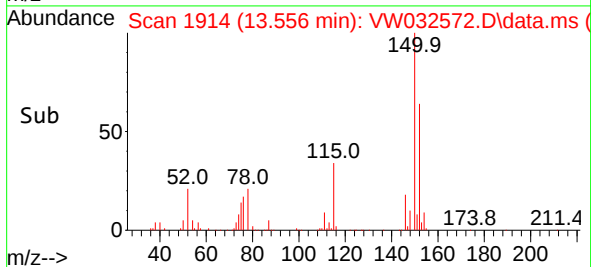
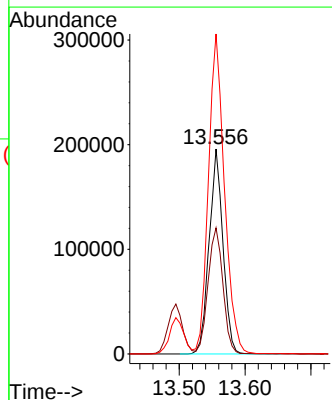
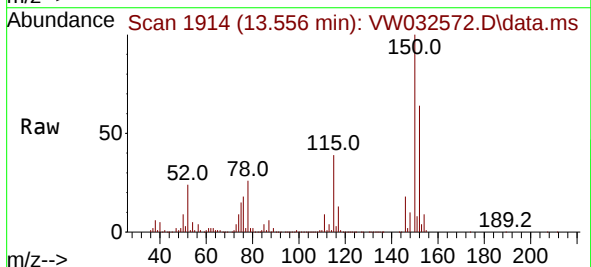
Tgt Ion:152 Resp: 287993

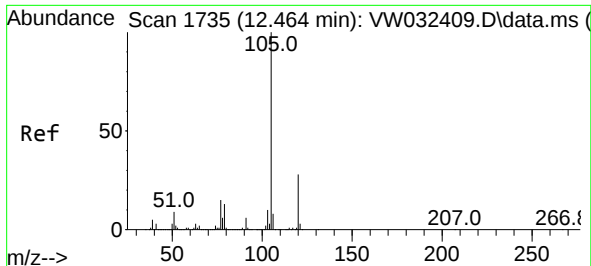
Ion Ratio Lower Upper

152 100

115 65.4 31.1 93.3

150 179.8 0.0 351.2

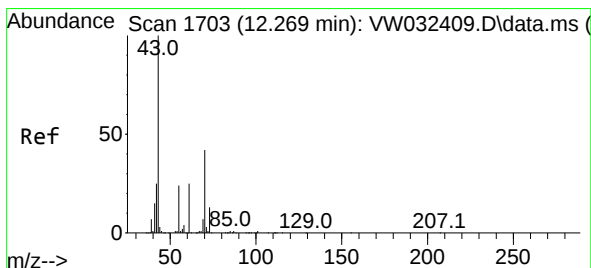
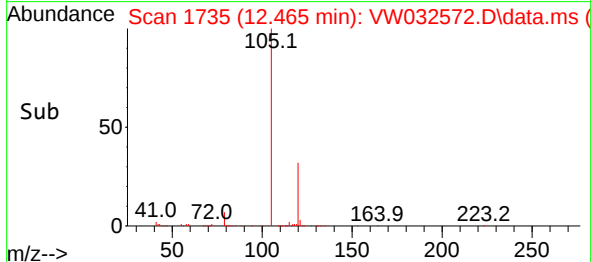
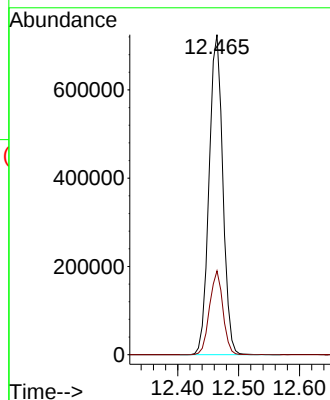
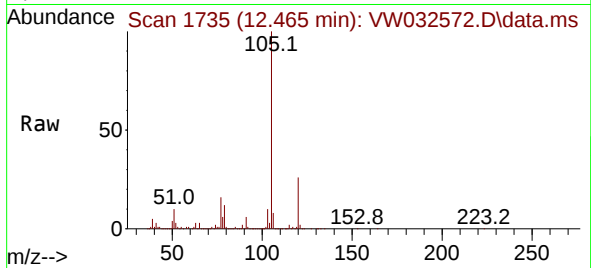




#73
Isopropylbenzene
Concen: 53.023 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

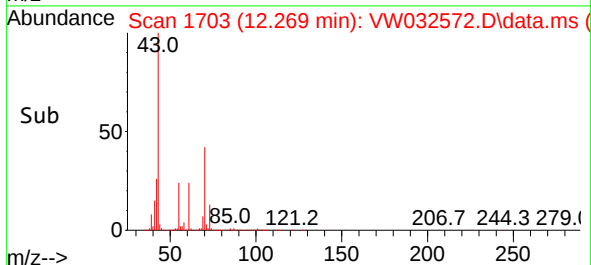
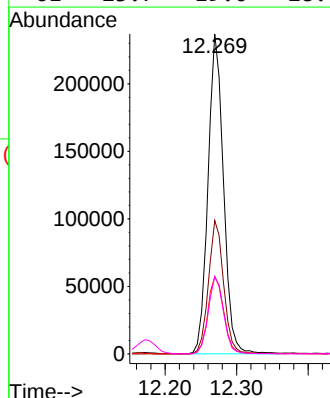
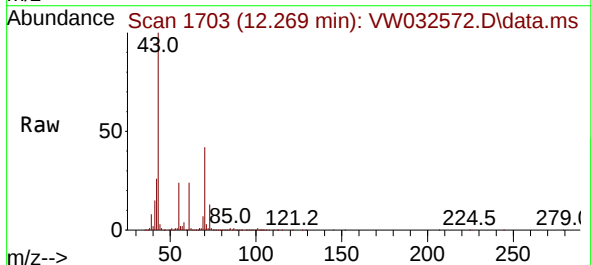
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

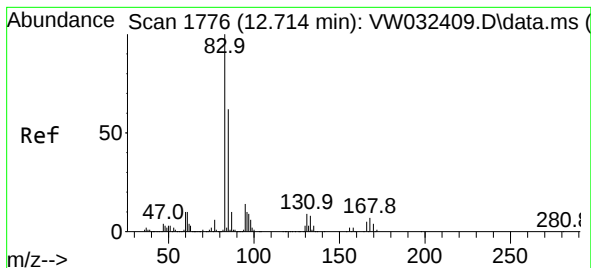
Tgt Ion:105 Resp: 1132762
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4



#74
N-ethyl acetate
Concen: 50.256 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 43 Resp: 355398
Ion Ratio Lower Upper
43 100
70 41.0 32.6 48.8
55 25.0 19.7 29.5
61 23.7 19.0 28.4

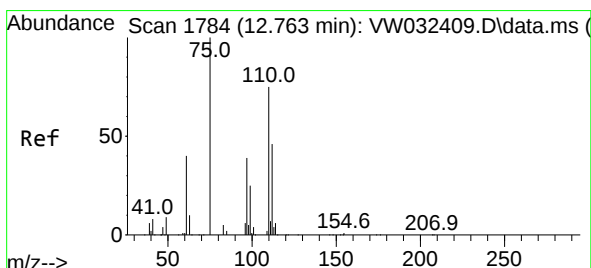
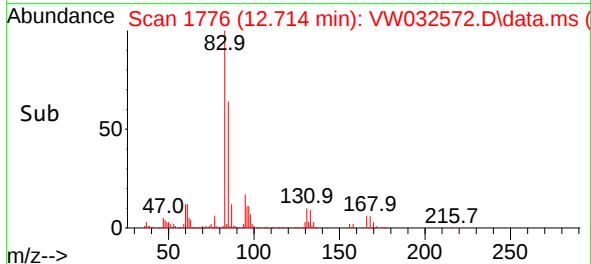
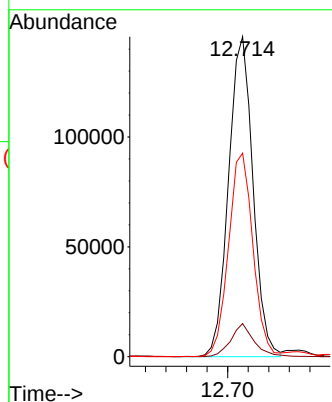
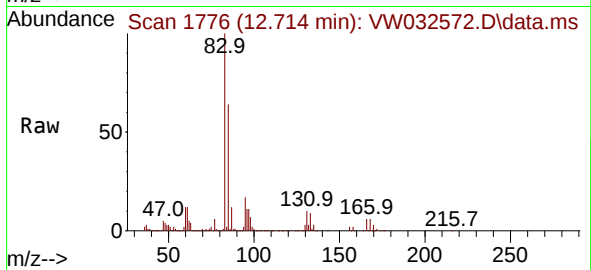




#75
1,1,2,2-Tetrachloroethane
Concen: 47.843 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

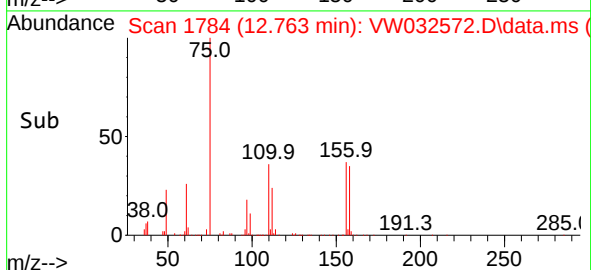
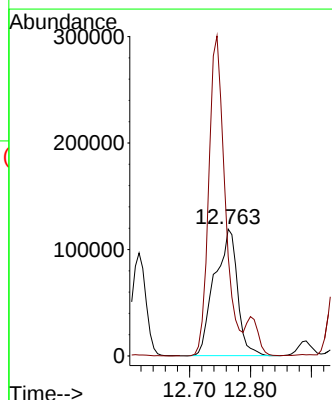
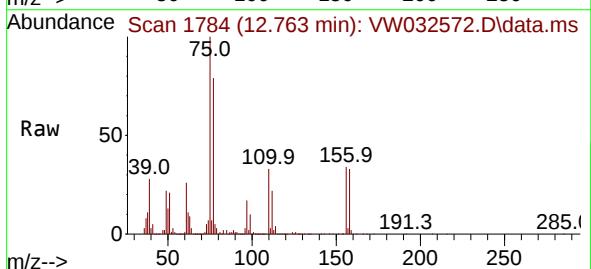
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

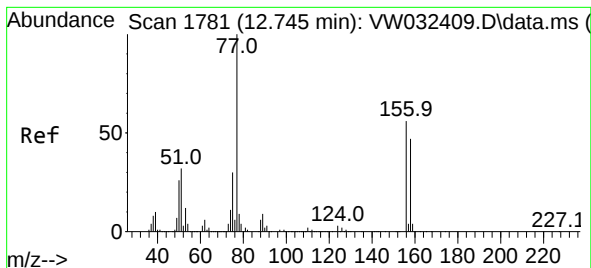
Tgt Ion: 83 Resp: 240607
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 63.7 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 79.323 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 75 Resp: 309121
Ion Ratio Lower Upper
75 100
77 181.9 148.2 444.4

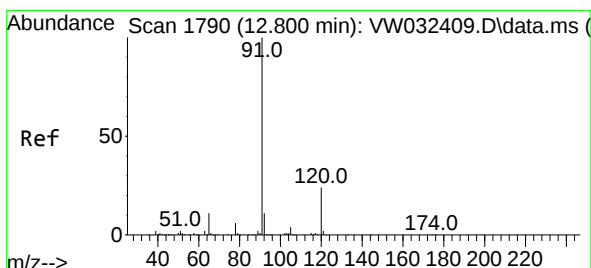
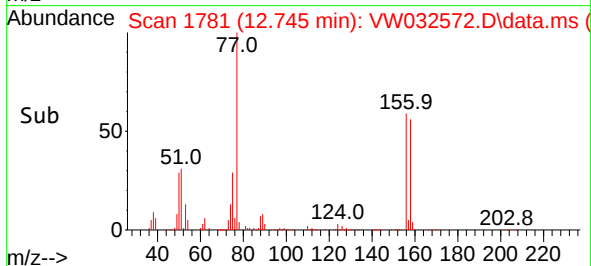
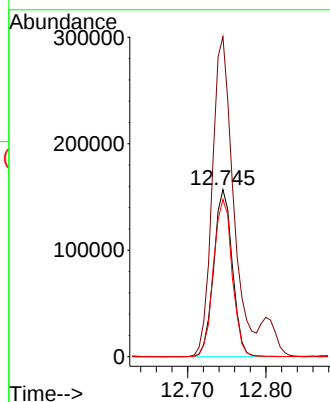
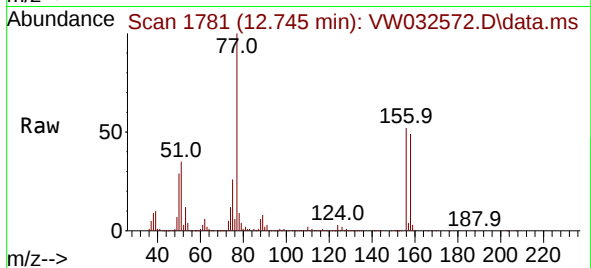




#77
Bromobenzene
Concen: 51.394 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

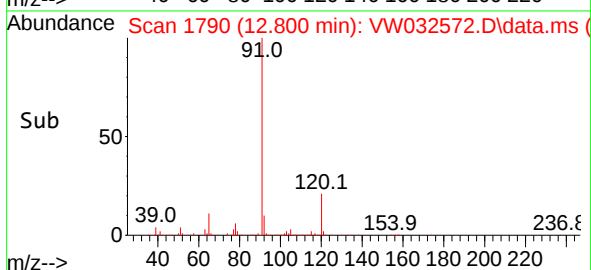
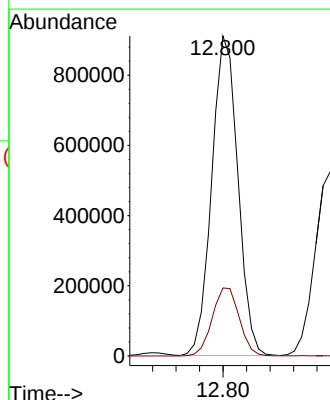
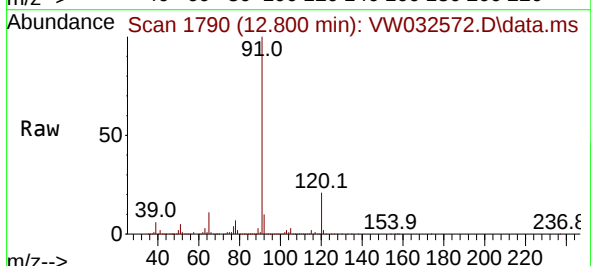
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

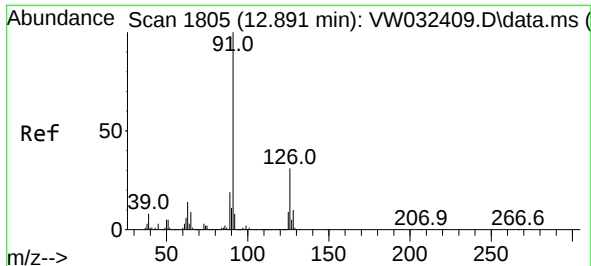
Tgt Ion:156 Resp: 259544
Ion Ratio Lower Upper
156 100
77 216.6 115.9 347.7
158 94.8 50.7 152.1



#78
n-propylbenzene
Concen: 51.606 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 91 Resp: 1406515
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4

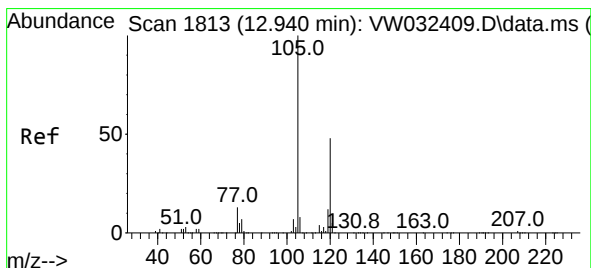
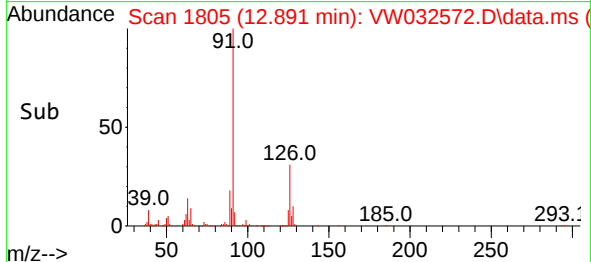
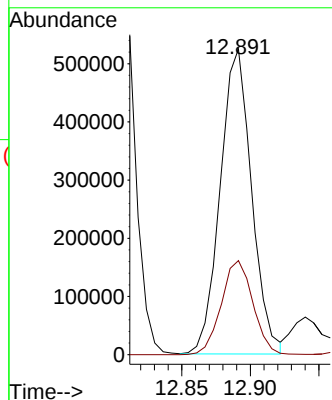
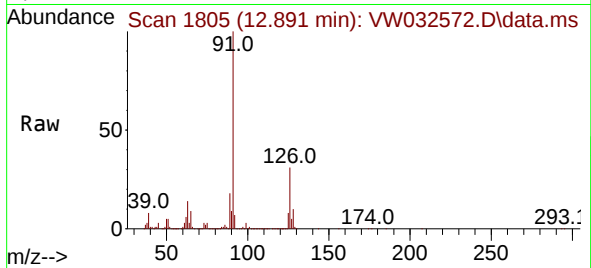




#79
2-Chlorotoluene
Concen: 51.453 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

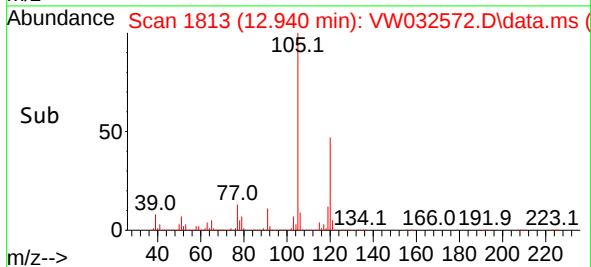
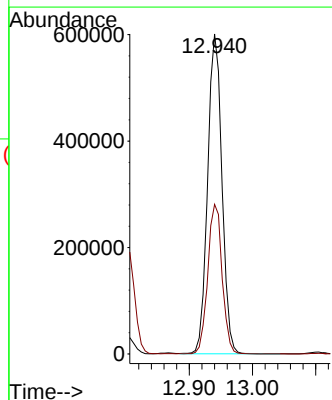
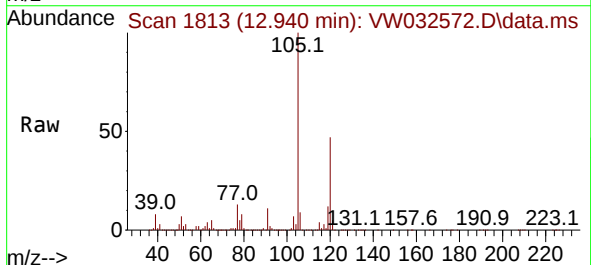
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

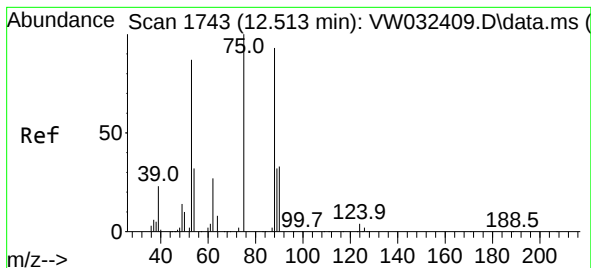
Tgt Ion: 91 Resp: 836124
Ion Ratio Lower Upper
91 100
126 31.1 15.7 47.0



#80
1,3,5-Trimethylbenzene
Concen: 51.839 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 105 Resp: 944965
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.4

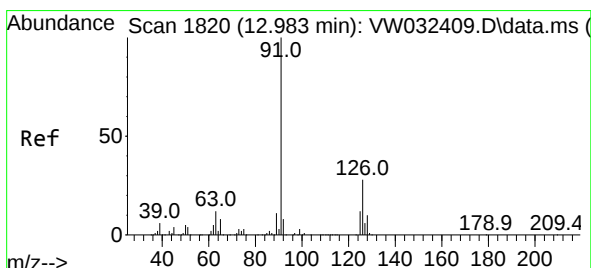
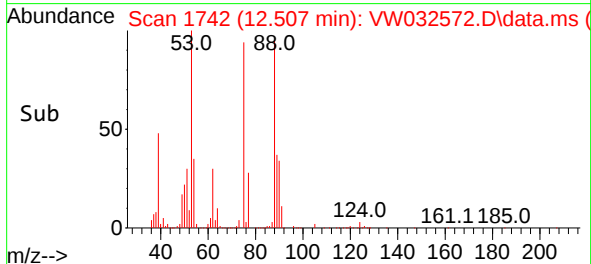
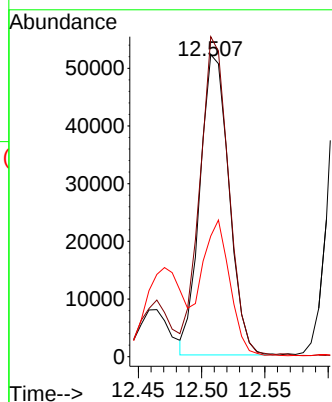
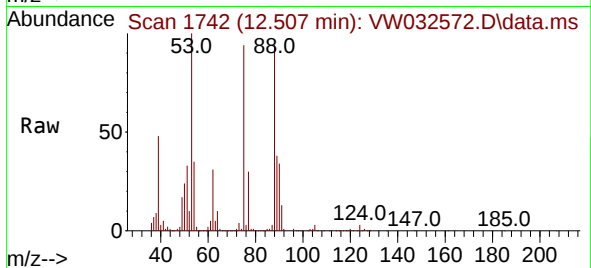




#81
trans-1,4-Dichloro-2-butene
Concen: 50.189 ug/l
RT: 12.507 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

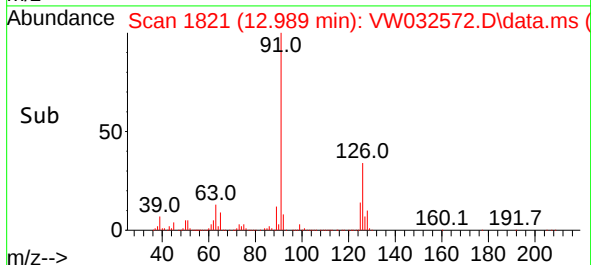
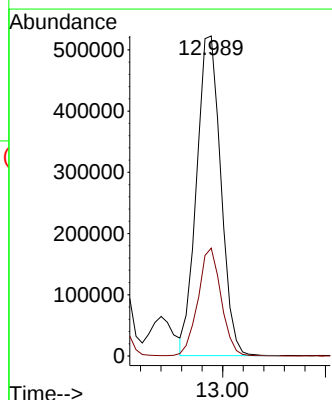
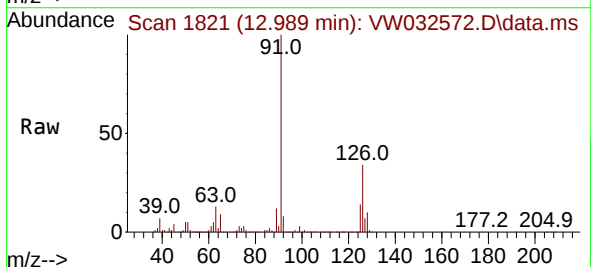
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

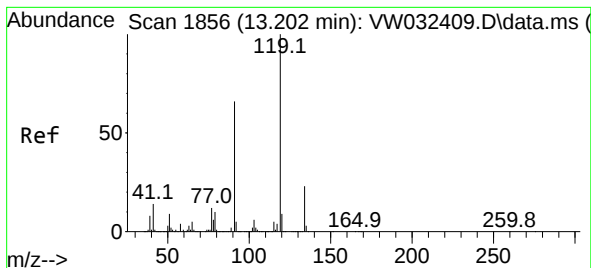
Tgt Ion: 75 Resp: 83157
Ion Ratio Lower Upper
75 100
53 105.8 80.8 121.2
89 44.4 31.4 47.2



#82
4-Chlorotoluene
Concen: 49.334 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 91 Resp: 857406
Ion Ratio Lower Upper
91 100
126 32.2 15.6 46.7

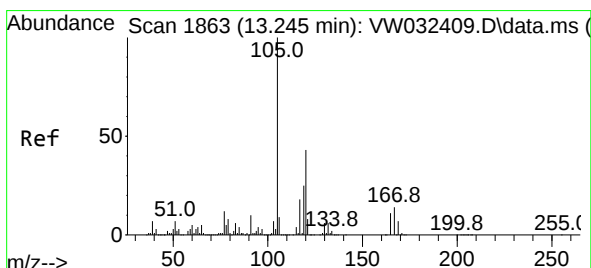
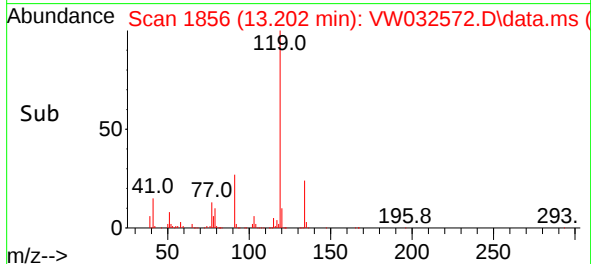
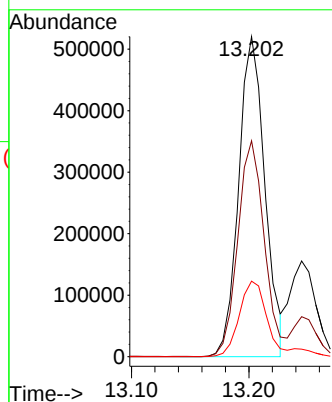
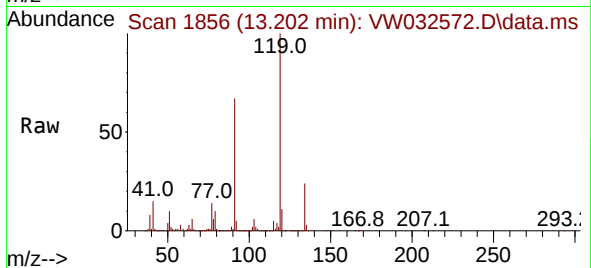




#83
tert-Butylbenzene
Concen: 53.726 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

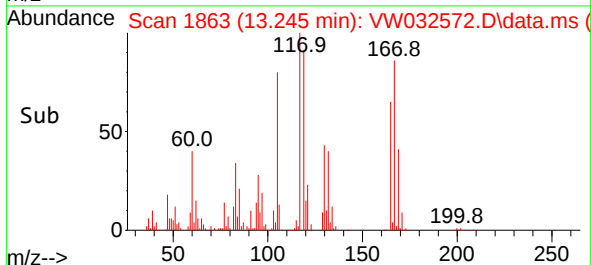
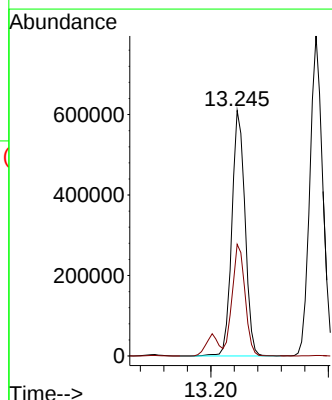
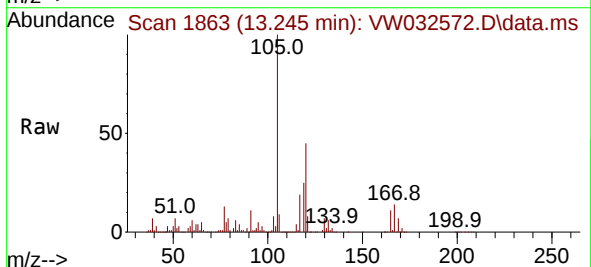
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

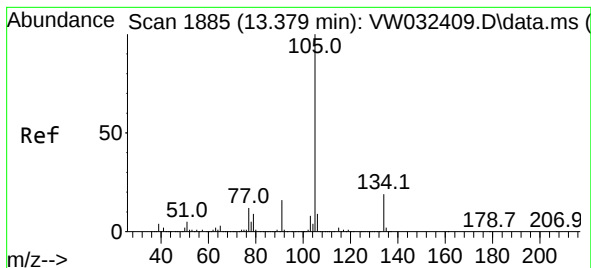
Tgt Ion:119 Resp: 807717
Ion Ratio Lower Upper
119 100
91 68.9 34.6 103.9
134 24.6 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 52.116 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion:105 Resp: 948992
Ion Ratio Lower Upper
105 100
120 44.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.897 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

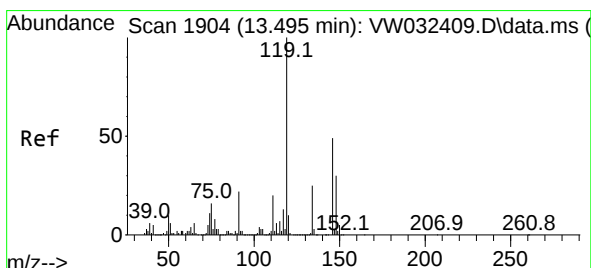
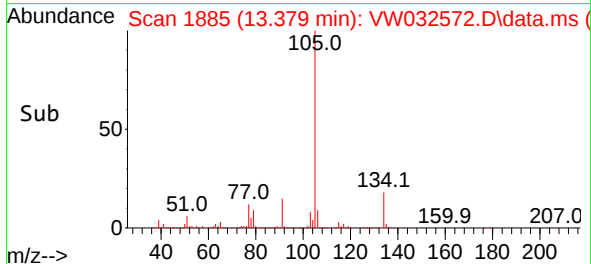
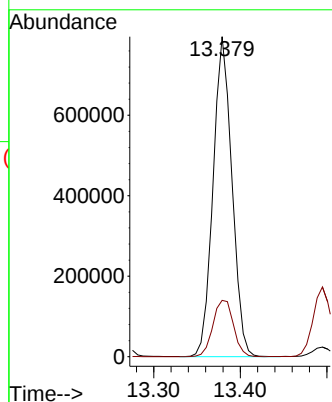
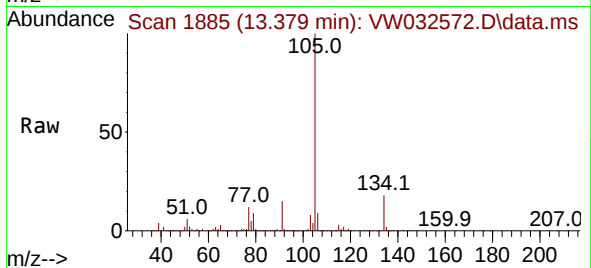
VSTDCCC050

Tgt Ion:105 Resp: 1203397

Ion Ratio Lower Upper

105 100

134 19.2 9.4 28.3



#86

p-Isopropyltoluene

Concen: 52.420 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

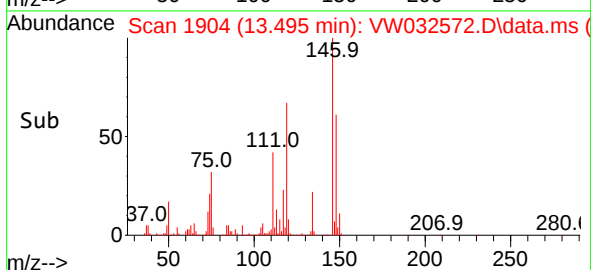
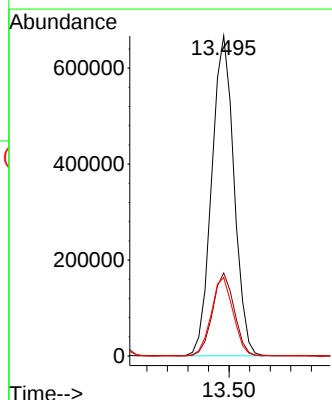
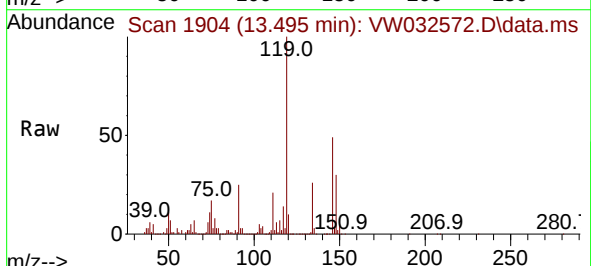
Tgt Ion:119 Resp: 1001153

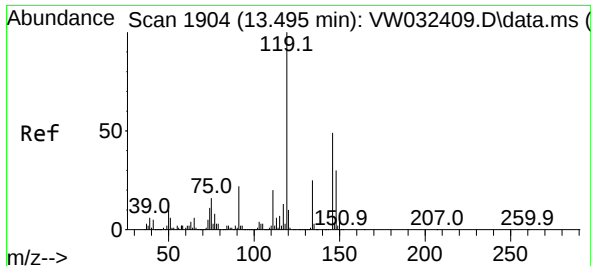
Ion Ratio Lower Upper

119 100

134 25.4 13.0 38.9

91 24.0 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 49.357 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

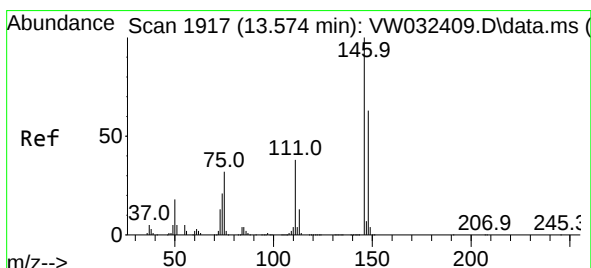
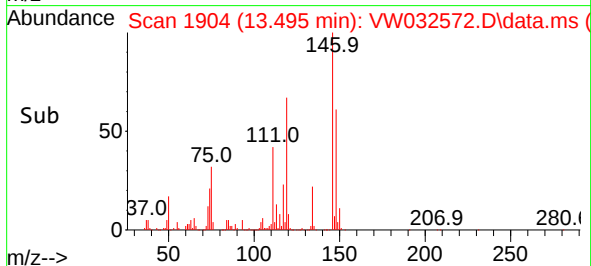
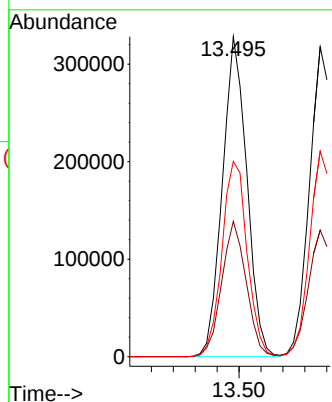
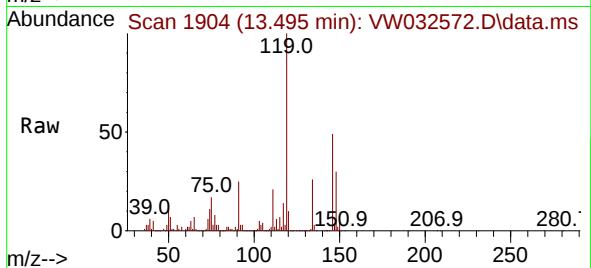
Tgt Ion:146 Resp: 509644

Ion Ratio Lower Upper

146 100

111 42.3 21.6 64.6

148 63.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.662 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

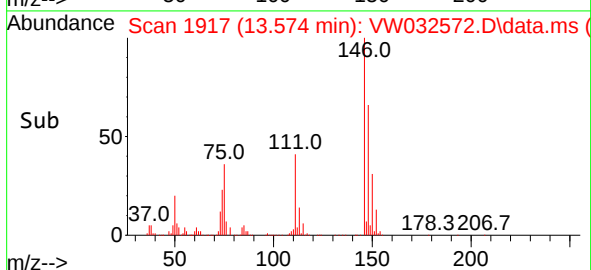
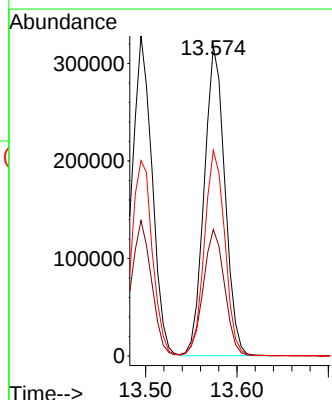
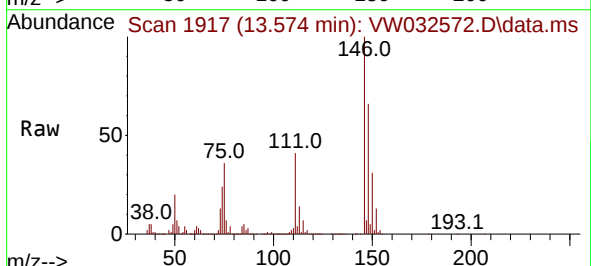
Tgt Ion:146 Resp: 498726

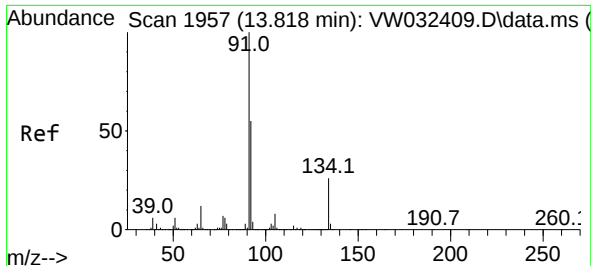
Ion Ratio Lower Upper

146 100

111 42.4 20.8 62.5

148 65.5 31.4 94.3

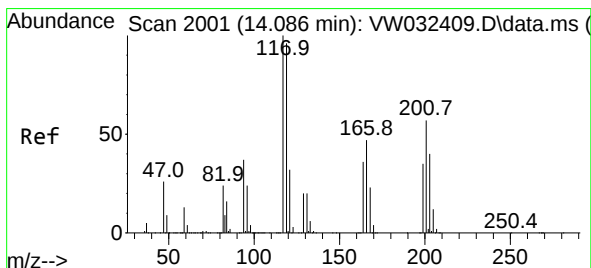
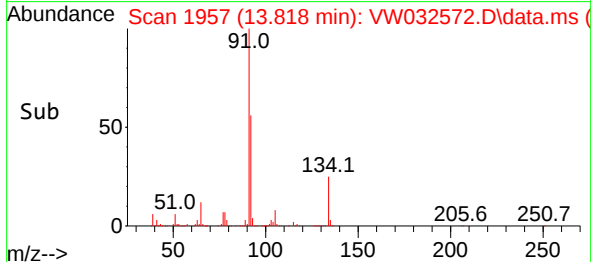
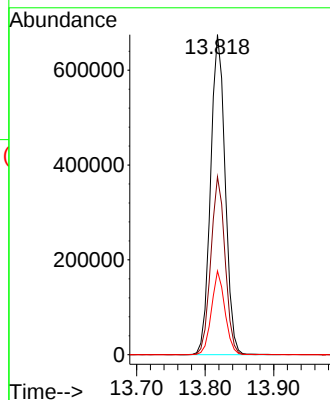
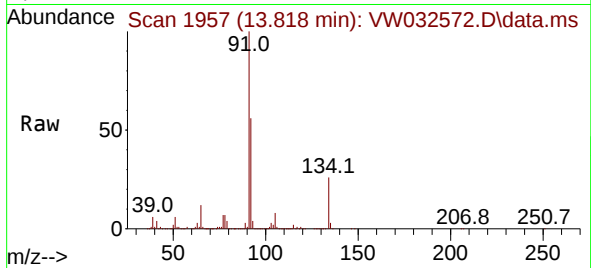




#89
n-Butylbenzene
Concen: 51.494 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

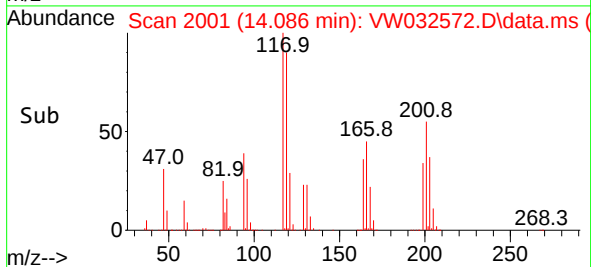
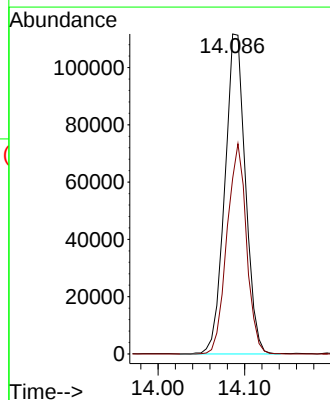
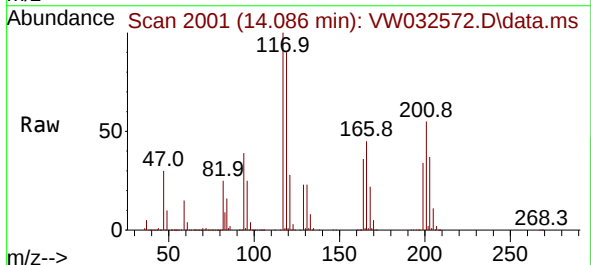
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 998741
Ion Ratio Lower Upper
91 100
92 54.4 27.1 81.3
134 24.1 12.4 37.0



#90
Hexachloroethane
Concen: 50.477 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion: 117 Resp: 184640
Ion Ratio Lower Upper
117 100
201 62.1 29.5 88.6





#91

1,2-Dichlorobenzene

Concen: 50.303 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

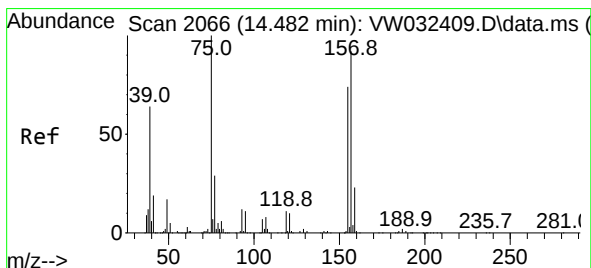
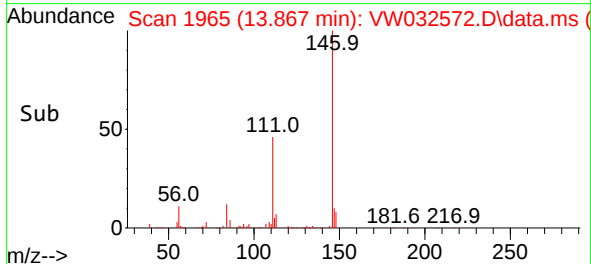
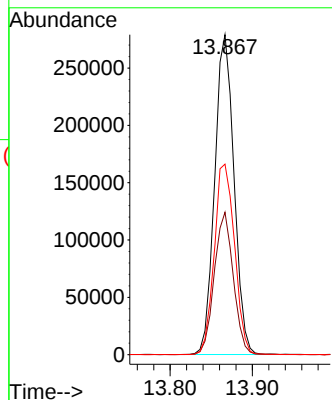
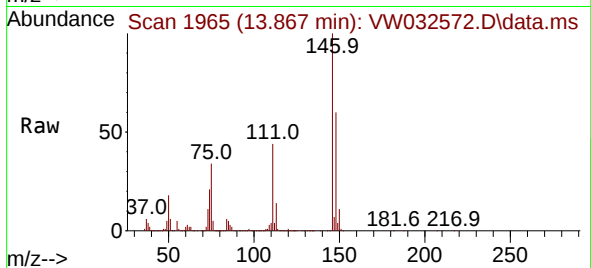
Tgt Ion:146 Resp: 455600

Ion Ratio Lower Upper

146 100

111 44.0 22.8 68.3

148 62.5 32.6 97.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.871 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

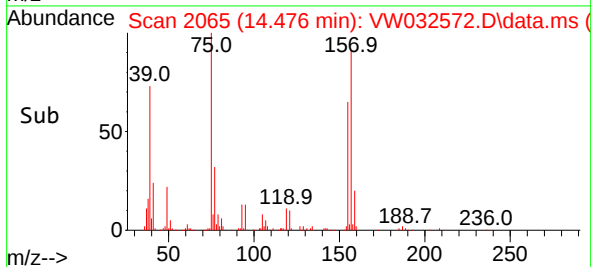
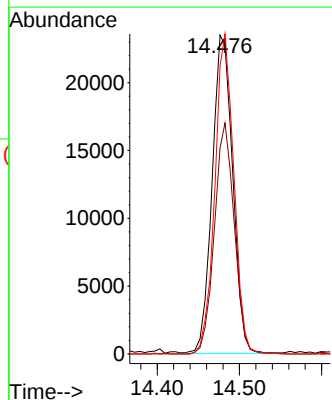
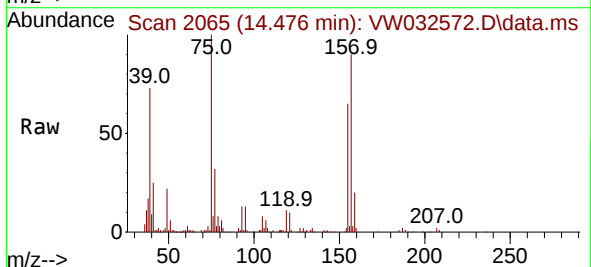
Tgt Ion: 75 Resp: 40642

Ion Ratio Lower Upper

75 100

155 70.3 34.6 103.9

157 93.2 44.4 133.2

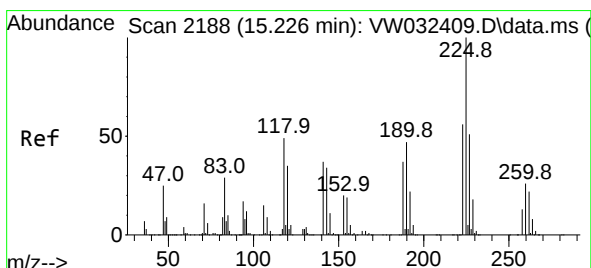
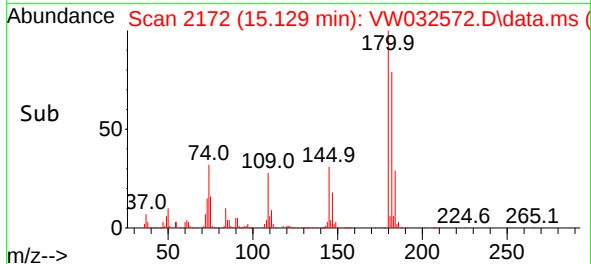
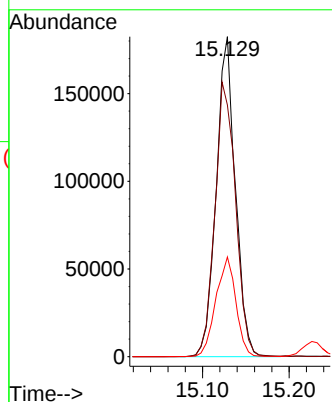
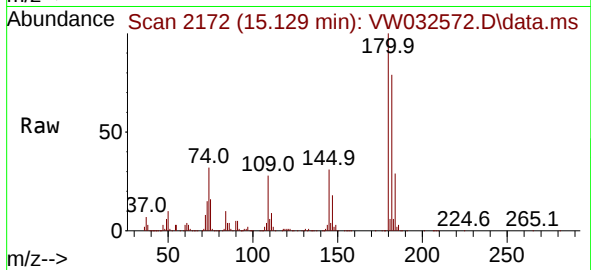




#93
1,2,4-Trichlorobenzene
Concen: 50.700 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

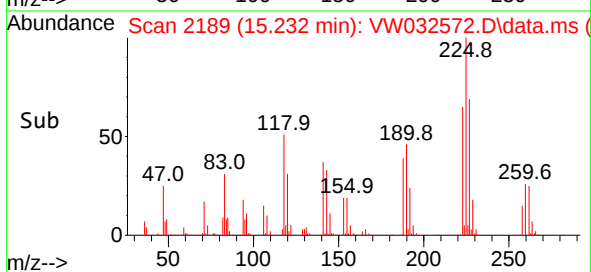
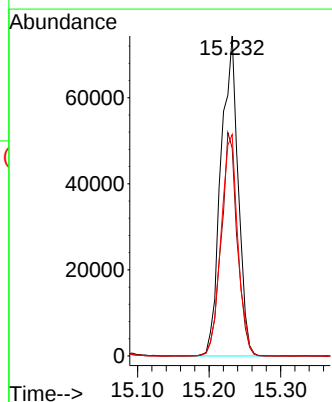
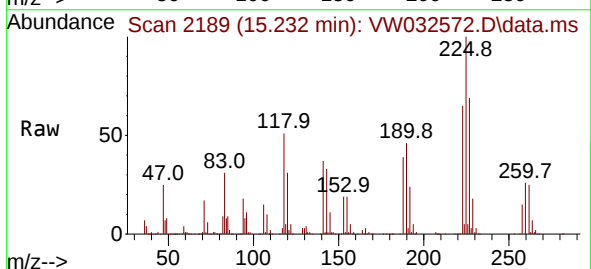
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

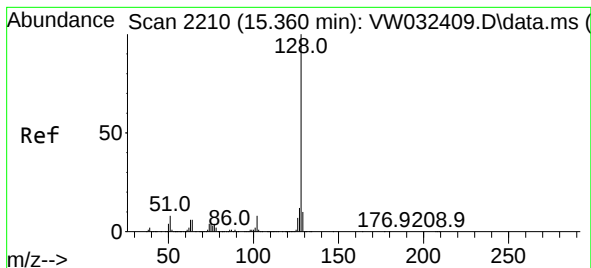
Tgt Ion:180 Resp: 279672
Ion Ratio Lower Upper
180 100
182 92.8 48.1 144.3
145 32.8 17.1 51.3



#94
Hexachlorobutadiene
Concen: 48.880 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VW032572.D
Acq: 05 Dec 2025 11:32

Tgt Ion:225 Resp: 124112
Ion Ratio Lower Upper
225 100
223 65.4 30.3 91.0
227 67.9 30.7 92.1





#95

Naphthalene

Concen: 51.961 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

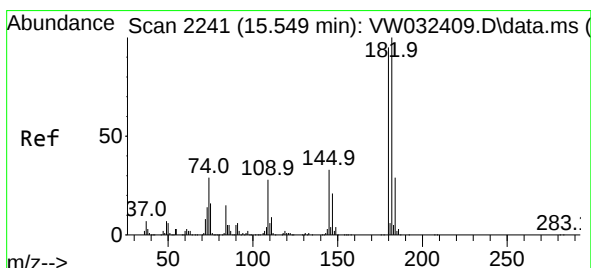
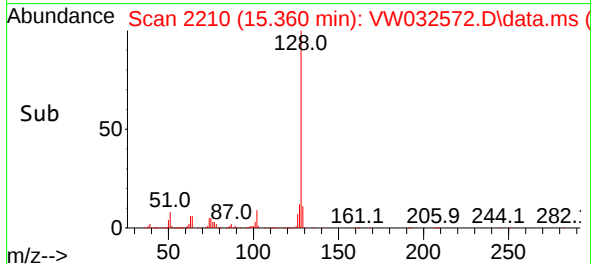
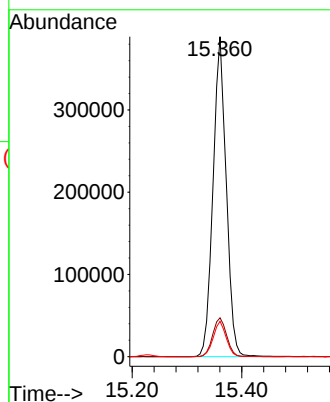
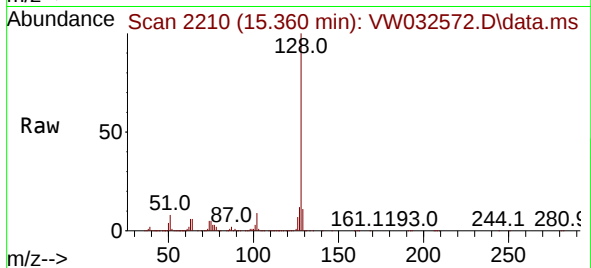
Tgt Ion:128 Resp: 648121

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 51.375 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032572.D

Acq: 05 Dec 2025 11:32

Tgt Ion:180 Resp: 257456

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.2

145 35.5 17.8 53.4

