

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084299.D
 Acq On : 03 Oct 2024 15:27
 Operator : JC\MD
 Sample : P4226-25MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927MSD

Quant Time: Oct 04 01:36:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	162332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127806	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115062	47.806	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.620%
35) Dibromofluoromethane	8.171	113	89820	48.079	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.160%
50) Toluene-d8	10.565	98	339109	49.338	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.847	95	122648	48.982	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	88832	46.263	ug/l	96
3) Chloromethane	2.359	50	102643	46.816	ug/l	97
4) Vinyl Chloride	2.512	62	103408	48.692	ug/l	99
5) Bromomethane	2.948	94	61710	44.053	ug/l	97
6) Chloroethane	3.112	64	61894	40.694	ug/l	92
7) Trichlorofluoromethane	3.495	101	160537	48.544	ug/l	98
8) Diethyl Ether	3.959	74	57641	46.996	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	105550	55.702	ug/l	98
10) Methyl Iodide	4.595	142	121244	49.685	ug/l	96
11) Tert butyl alcohol	5.524	59	94789	238.839	ug/l	98
12) 1,1-Dichloroethene	4.342	96	88104	48.204	ug/l	95
13) Acrolein	4.177	56	117660	258.243	ug/l	97
14) Allyl chloride	5.024	41	143610	45.242	ug/l	98
15) Acrylonitrile	5.724	53	244478	243.937	ug/l	99
16) Acetone	4.430	43	205540	198.792	ug/l	97
17) Carbon Disulfide	4.712	76	250761	43.333	ug/l	98
18) Methyl Acetate	5.024	43	108698	48.234	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	303033	49.122	ug/l	100
20) Methylene Chloride	5.271	84	102661	48.845	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	94135	49.160	ug/l	97
22) Diisopropyl ether	6.671	45	331178	50.439	ug/l	98
23) Vinyl Acetate	6.600	43	1155949	237.368	ug/l	99
24) 1,1-Dichloroethane	6.571	63	182519	49.709	ug/l	99
25) 2-Butanone	7.483	43	336436	238.904	ug/l	98
26) 2,2-Dichloropropane	7.488	77	140835	42.540	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	115443	49.890	ug/l	97
28) Bromochloromethane	7.812	49	70311	42.918	ug/l	96
29) Tetrahydrofuran	7.841	42	225051	258.961	ug/l	100
30) Chloroform	7.965	83	188434	49.405	ug/l	98
31) Cyclohexane	8.259	56	159916	44.856	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	169601	49.513	ug/l	99
36) 1,1-Dichloropropene	8.371	75	131715	48.539	ug/l	99
37) Ethyl Acetate	7.559	43	129192	46.407	ug/l	98
38) Carbon Tetrachloride	8.365	117	148424	49.863	ug/l	97
39) Methylcyclohexane	9.600	83	145609	48.213	ug/l	99
40) Benzene	8.606	78	413685	48.930	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	77098	51.013	ug/l	99
42) 1,2-Dichloroethane	8.671	62	140188	48.911	ug/l	99
43) Isopropyl Acetate	8.688	43	220096	40.364	ug/l	99
44) Trichloroethene	9.353	130	931290	471.625	ug/l	97
45) 1,2-Dichloropropane	9.624	63	102348	51.173	ug/l	99
46) Dibromomethane	9.706	93	69417	51.432	ug/l	97
47) Bromodichloromethane	9.888	83	149695	49.922	ug/l	97
48) Methyl methacrylate	9.682	41	110882	51.083	ug/l	98
49) 1,4-Dioxane	9.694	88	42408	1061.227	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	687336	259.358	ug/l	99
52) Toluene	10.629	92	255230	49.505	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	150341	49.185	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	157660	47.953	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	95118	51.464	ug/l	98
56) Ethyl methacrylate	10.877	69	156794	51.557	ug/l	99
57) 1,3-Dichloropropane	11.165	76	164780	49.895	ug/l	99
59) 2-Hexanone	11.194	43	503938	254.417	ug/l	99
60) Dibromochloromethane	11.359	129	110498	50.600	ug/l	97
61) 1,2-Dibromoethane	11.471	107	94204	49.052	ug/l	99
64) Tetrachloroethene	11.106	164	93463	53.393	ug/l	96
65) Chlorobenzene	11.888	112	268911	48.258	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	95087	49.542	ug/l	99
67) Ethyl Benzene	11.965	91	487881	49.508	ug/l	98
68) m/p-Xylenes	12.071	106	372671	102.235	ug/l	99
69) o-Xylene	12.400	106	178257	51.686	ug/l	100
70) Styrene	12.412	104	306300	52.434	ug/l	98
71) Bromoform	12.576	173	72850	51.555	ug/l #	98
73) Isopropylbenzene	12.694	105	452784	46.426	ug/l	100
74) N-amyl acetate	12.494	43	193448	43.802	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	135203	46.104	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	179854	68.931	ug/l	60
77) Bromobenzene	12.976	156	109103	46.378	ug/l	96
78) n-propylbenzene	13.035	91	538687	47.673	ug/l	99
79) 2-Chlorotoluene	13.123	91	333215	46.213	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	387789	48.745	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	49076	45.093	ug/l	99
82) 4-Chlorotoluene	13.223	91	342462	47.181	ug/l	100
83) tert-Butylbenzene	13.435	119	327641	46.337	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	392360	48.958	ug/l	99
85) sec-Butylbenzene	13.618	105	450953	47.793	ug/l	99
86) p-Isopropyltoluene	13.729	119	378551	48.518	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	200808	45.501	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	202655	45.471	ug/l	100
89) n-Butylbenzene	14.053	91	327194	46.248	ug/l	99
90) Hexachloroethane	14.329	117	70146	44.291	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	197301	45.593	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26433	43.679	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	94392	44.285	ug/l	97
94) Hexachlorobutadiene	15.500	225	41699	39.229	ug/l	99
95) Naphthalene	15.641	128	304688	43.119	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	93466	43.807	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

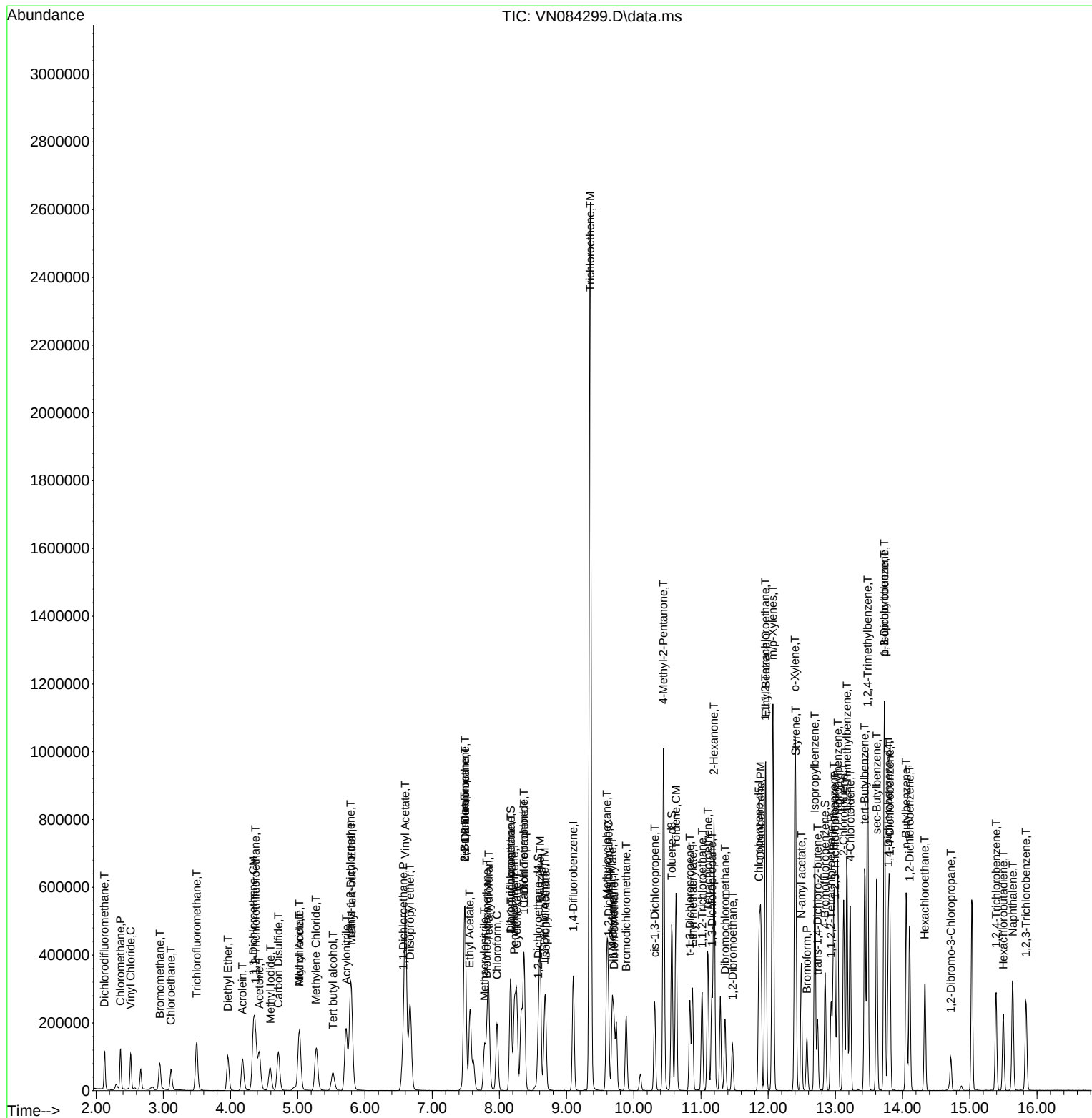
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

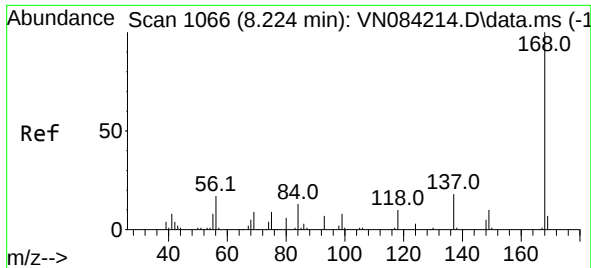
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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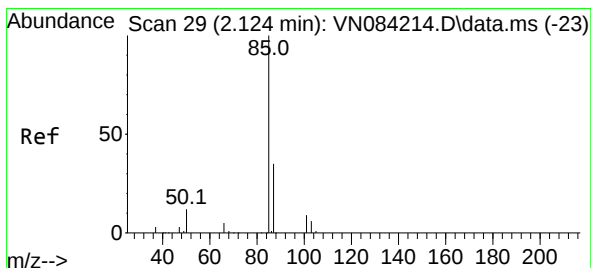
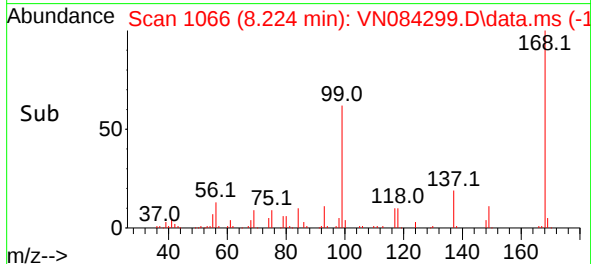
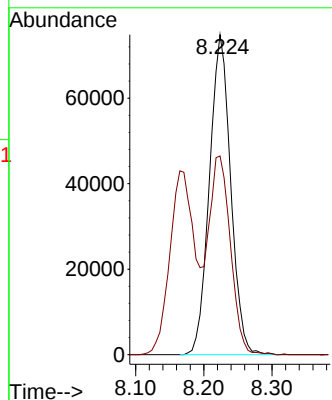
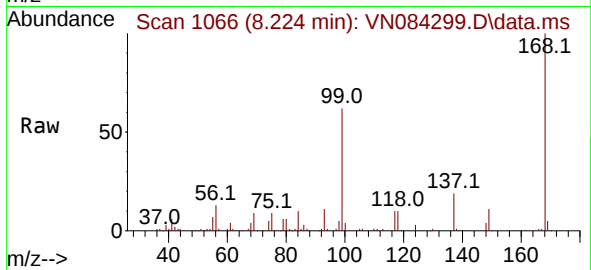




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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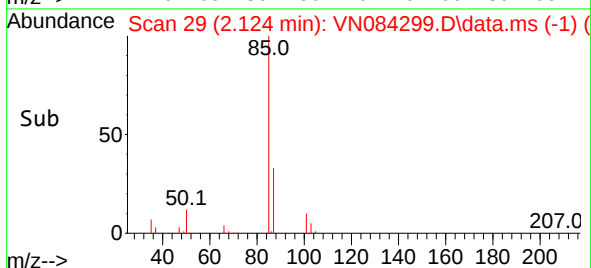
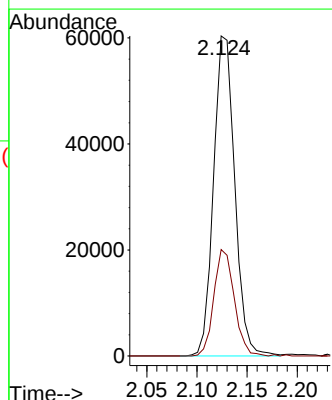
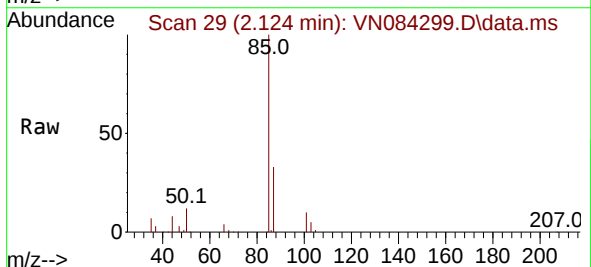
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

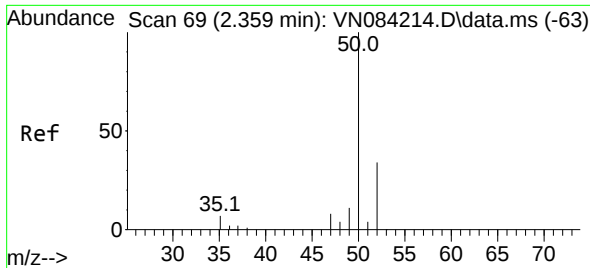
Tgt Ion:168 Resp: 162332
Ion Ratio Lower Upper
168 100
99 62.1 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 46.263 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 85 Resp: 88832
Ion Ratio Lower Upper
85 100
87 33.3 17.6 52.9

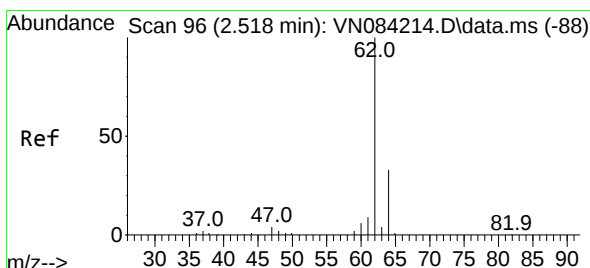
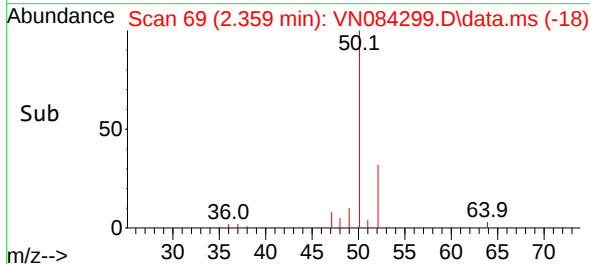
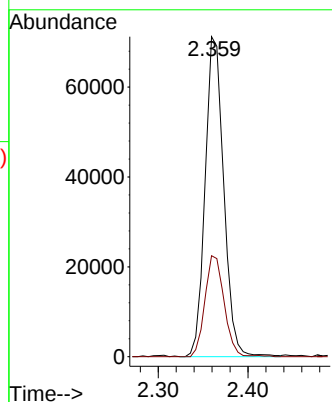
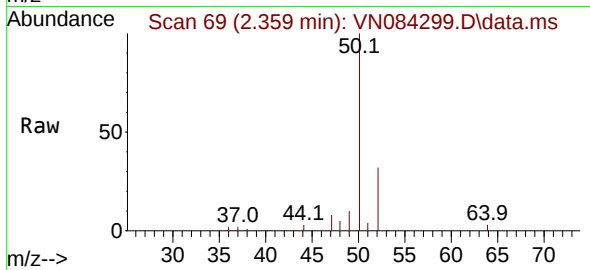




#3
Chloromethane
Concen: 46.816 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

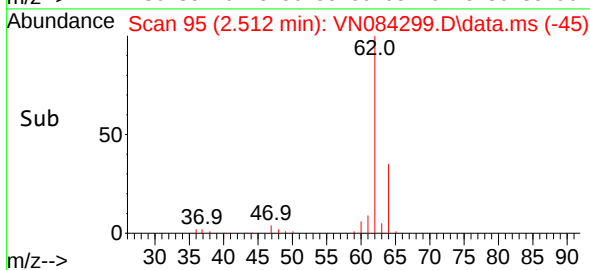
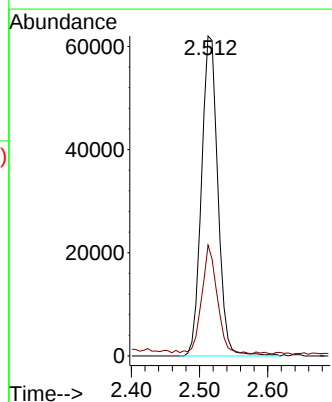
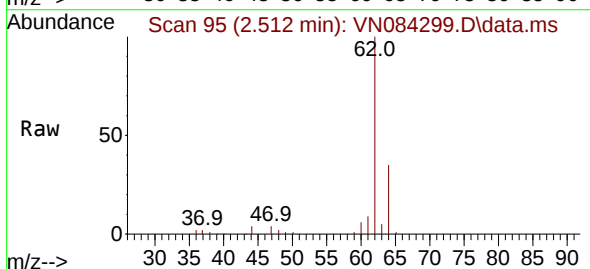
Instrument :
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RW4-20240927MSD

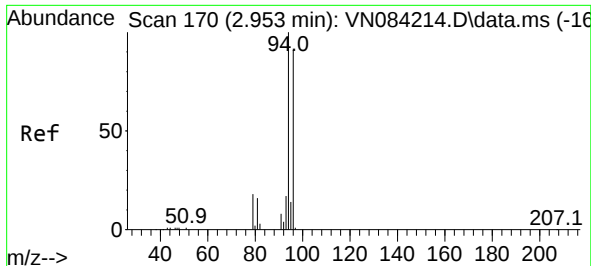
Tgt Ion: 50 Resp: 102643
Ion Ratio Lower Upper
50 100
52 31.5 26.8 40.2



#4
Vinyl Chloride
Concen: 48.692 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 62 Resp: 103408
Ion Ratio Lower Upper
62 100
64 33.6 26.2 39.4

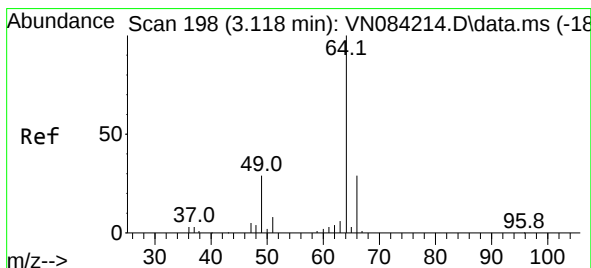
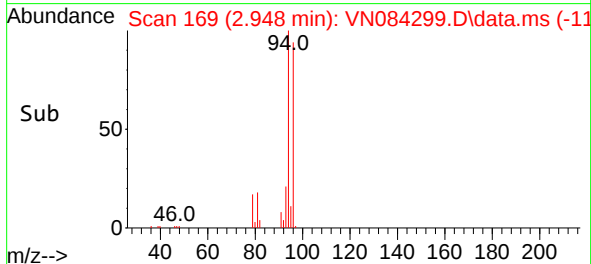
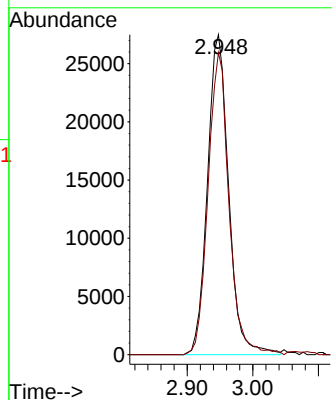
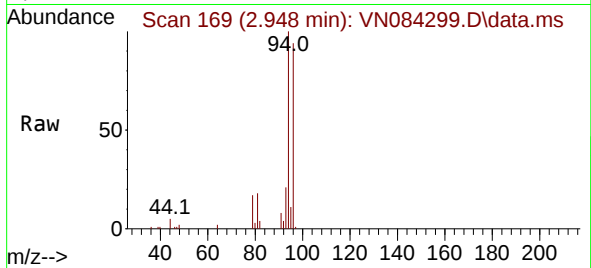




#5
Bromomethane
Concen: 44.053 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

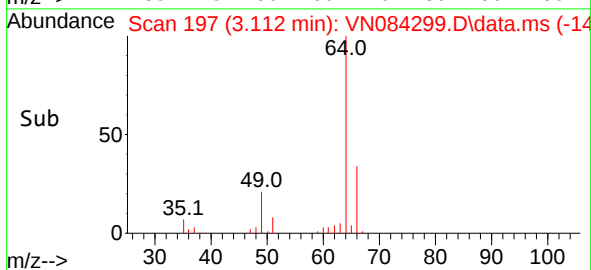
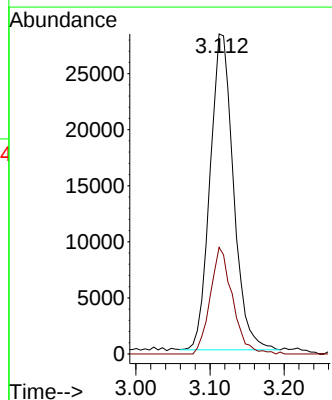
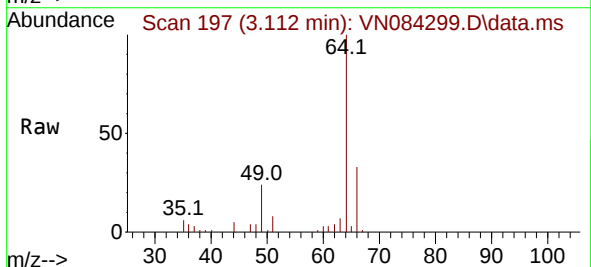
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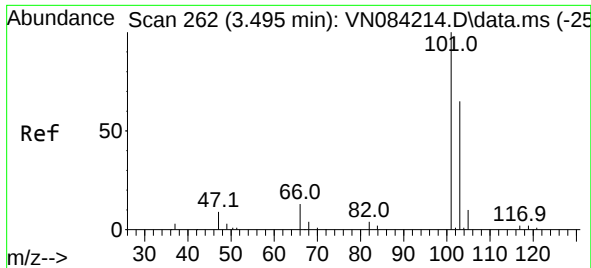
Tgt Ion: 94 Resp: 61710
Ion Ratio Lower Upper
94 100
96 94.4 72.9 109.3



#6
Chloroethane
Concen: 40.694 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN084299.D
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Tgt Ion: 64 Resp: 61894
Ion Ratio Lower Upper
64 100
66 33.7 23.5 35.3

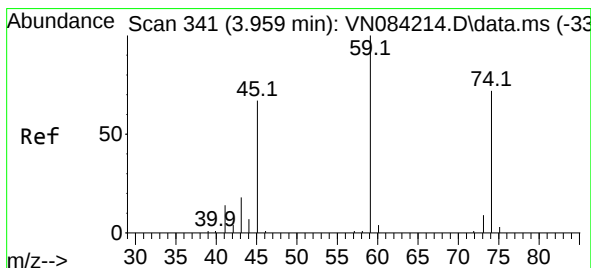
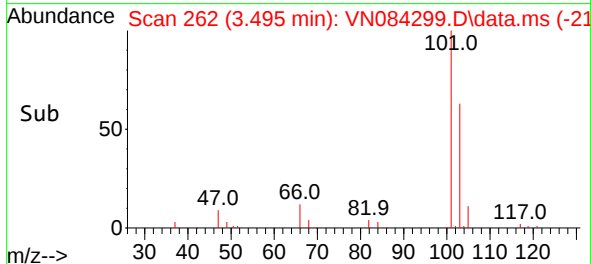
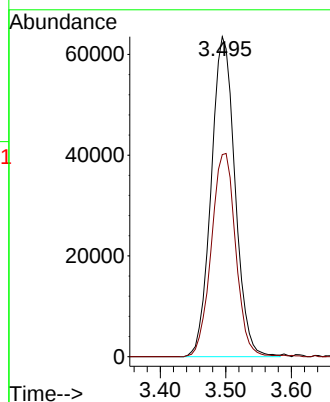
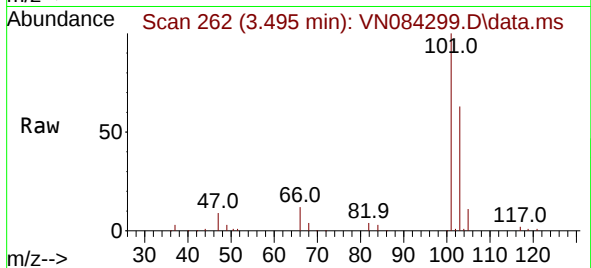




#7
Trichlorofluoromethane
Concen: 48.544 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

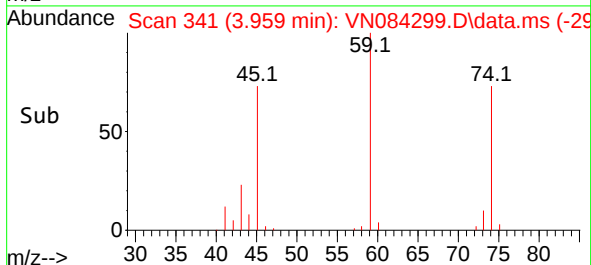
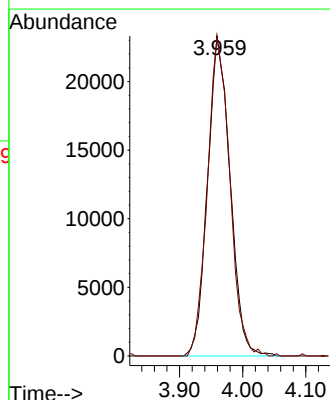
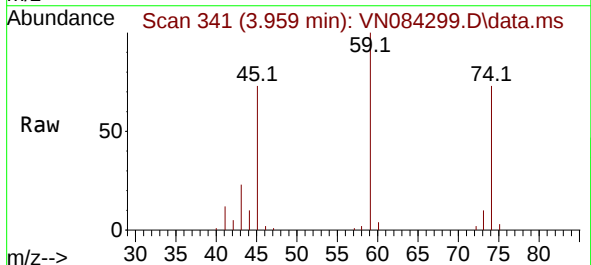
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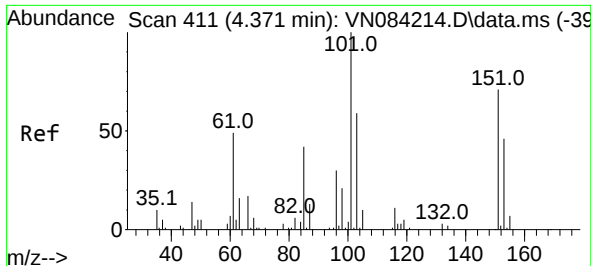
Tgt Ion:101 Resp: 160537
Ion Ratio Lower Upper
101 100
103 63.1 51.8 77.6



#8
Diethyl Ether
Concen: 46.996 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 74 Resp: 57641
Ion Ratio Lower Upper
74 100
45 99.6 47.7 143.1

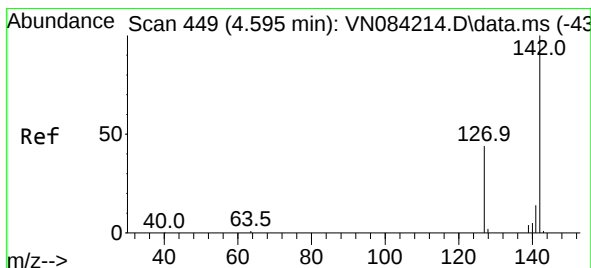
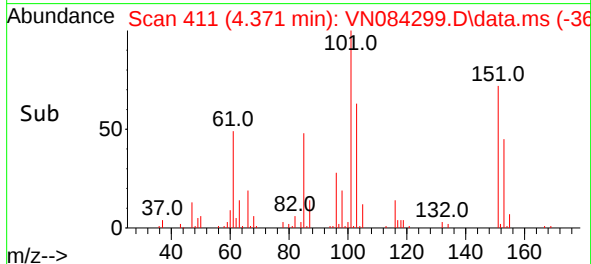
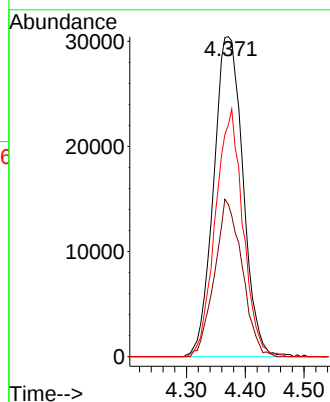
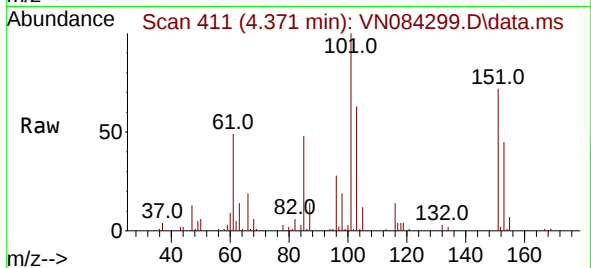




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.702 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

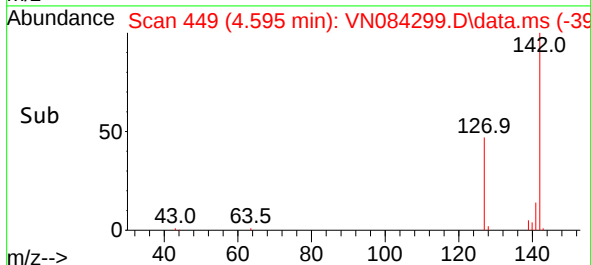
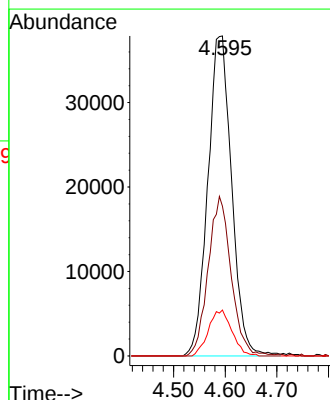
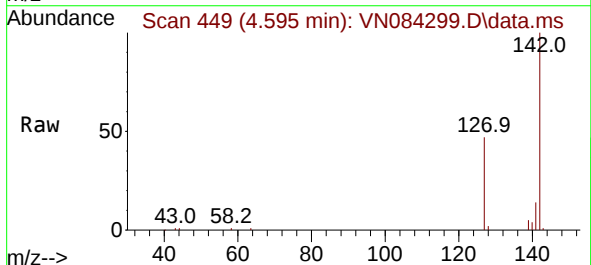
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

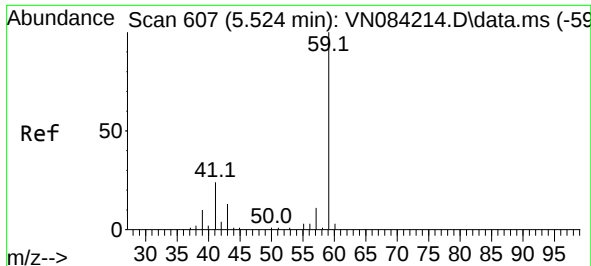
Tgt Ion:101 Resp: 105550
Ion Ratio Lower Upper
101 100
85 46.3 36.2 54.4
151 72.7 59.3 88.9



#10
Methyl Iodide
Concen: 49.685 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion:142 Resp: 121244
Ion Ratio Lower Upper
142 100
127 46.8 35.3 52.9
141 14.4 11.0 16.6

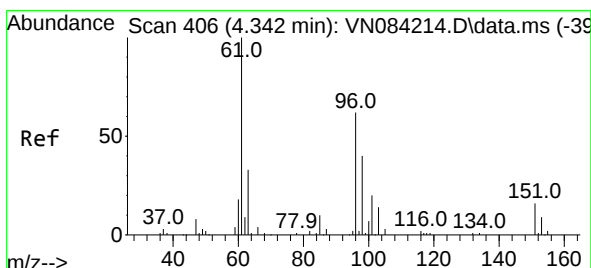
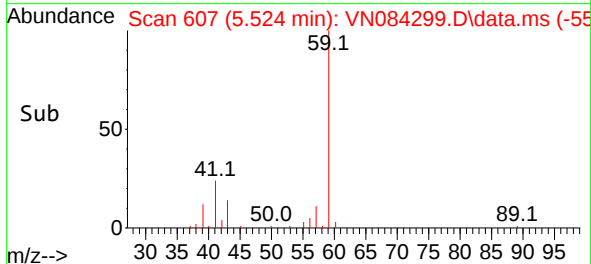
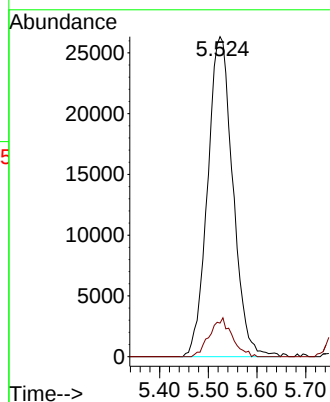
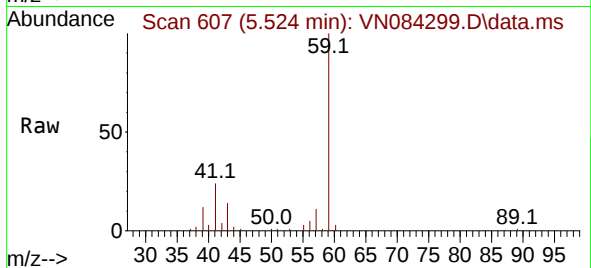




#11
Tert butyl alcohol
Concen: 238.839 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

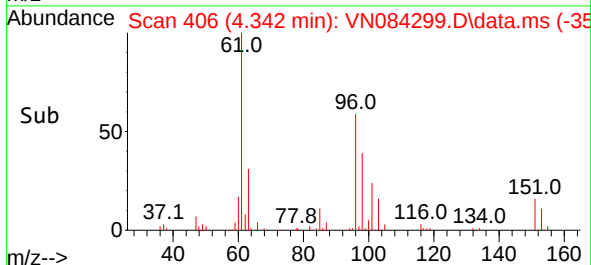
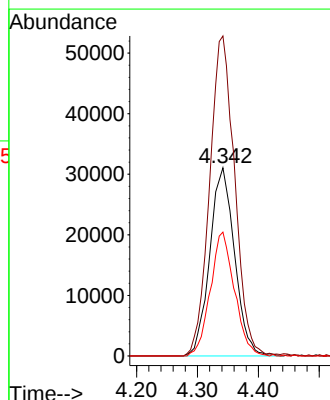
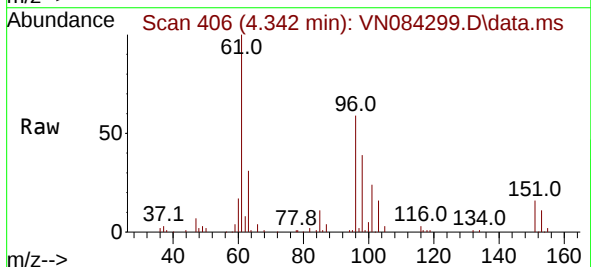
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

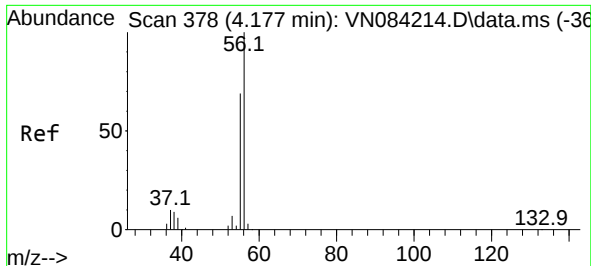
Tgt Ion: 59 Resp: 94789
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.204 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 96 Resp: 88104
Ion Ratio Lower Upper
96 100
61 170.0 128.6 192.8
98 65.8 51.7 77.5

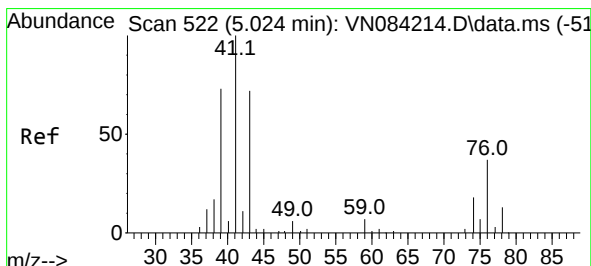
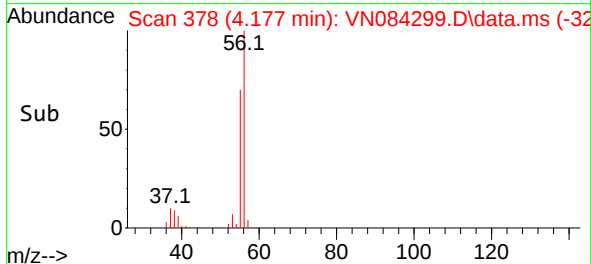
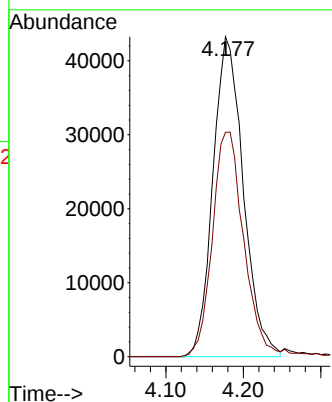
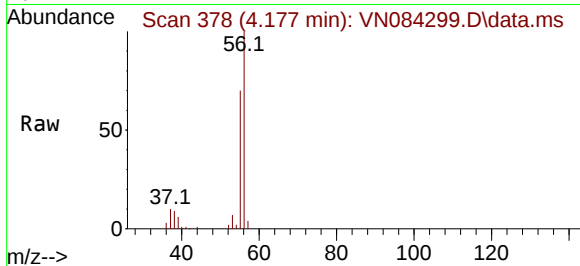




#13
Acrolein
Concen: 258.243 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

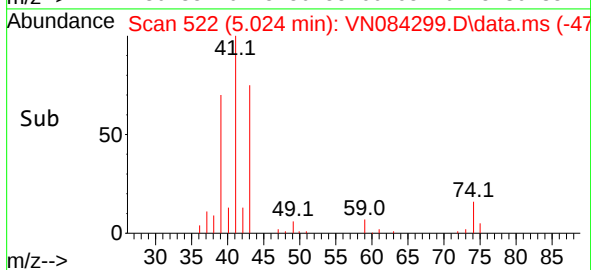
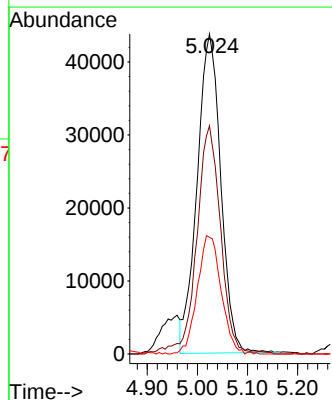
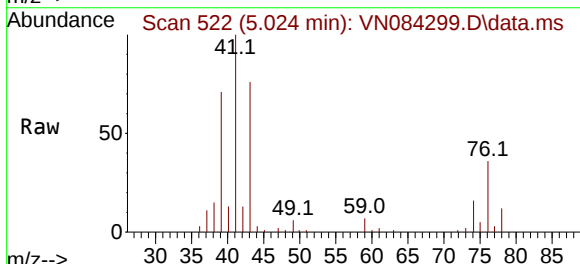
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

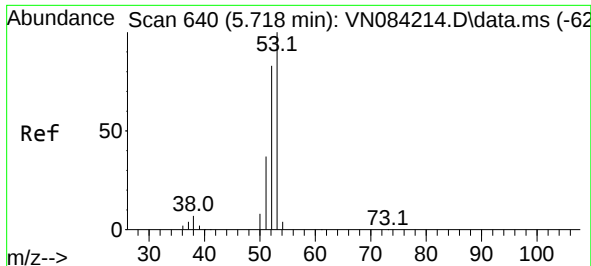
Tgt Ion: 56 Resp: 117660
Ion Ratio Lower Upper
56 100
55 73.6 57.2 85.8



#14
Allyl chloride
Concen: 45.242 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 41 Resp: 143610
Ion Ratio Lower Upper
41 100
39 71.9 59.0 88.6
76 37.3 29.8 44.6

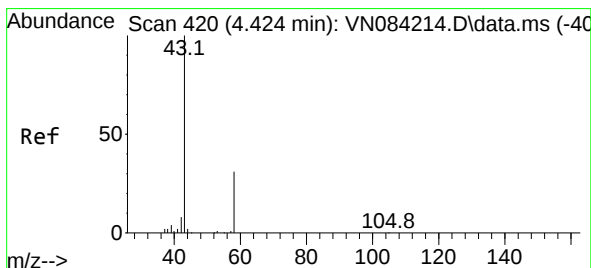
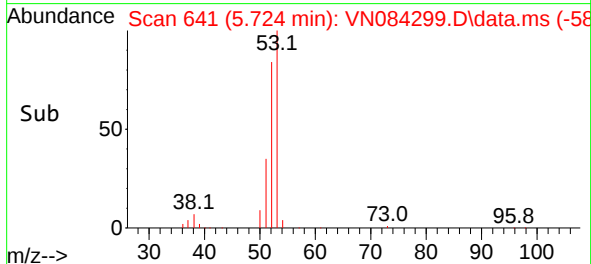
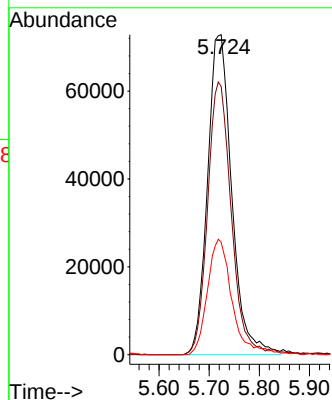
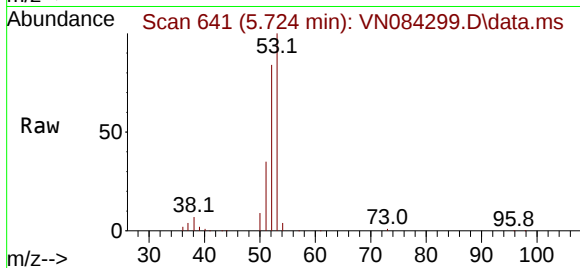




#15
Acrylonitrile
Concen: 243.937 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

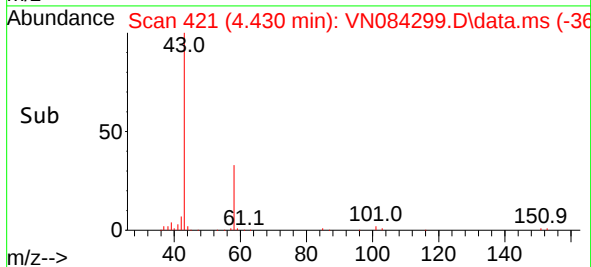
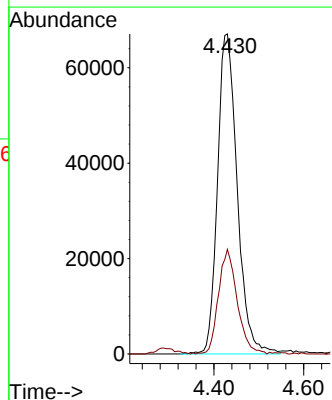
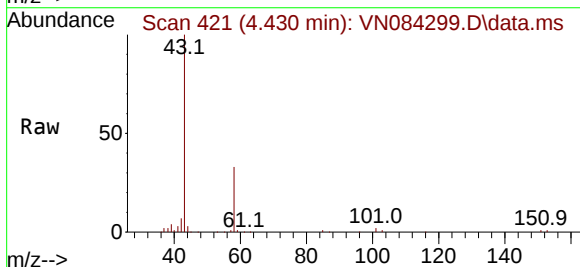
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

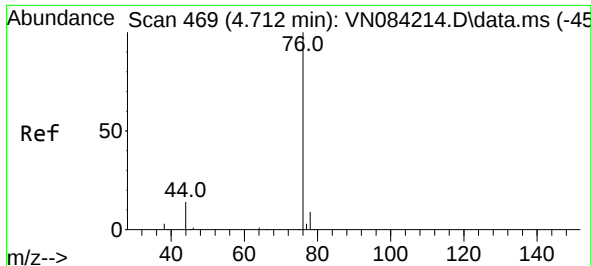
Tgt Ion: 53 Resp: 244478
Ion Ratio Lower Upper
53 100
52 82.6 66.2 99.4
51 36.8 28.8 43.2



#16
Acetone
Concen: 198.792 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 43 Resp: 205540
Ion Ratio Lower Upper
43 100
58 32.3 24.4 36.6

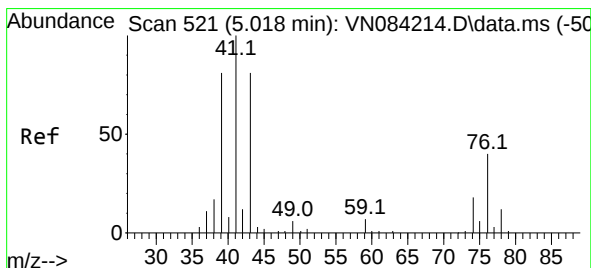
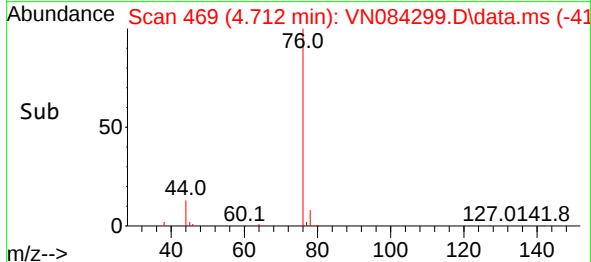
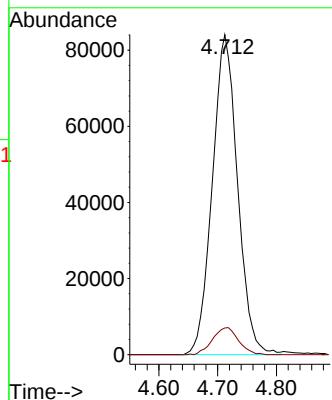
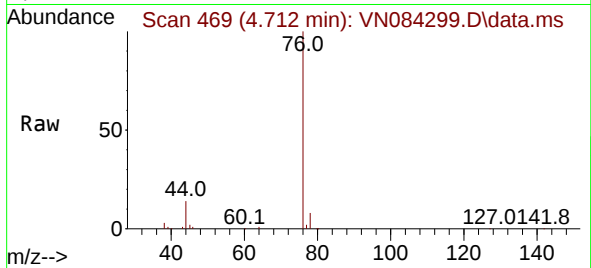




#17
Carbon Disulfide
Concen: 43.333 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

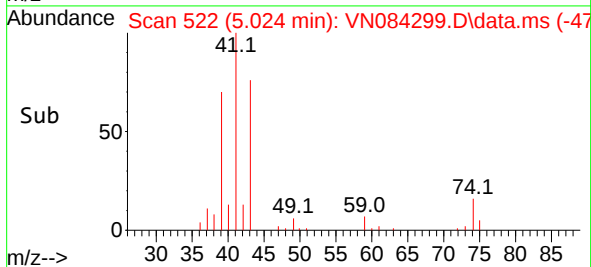
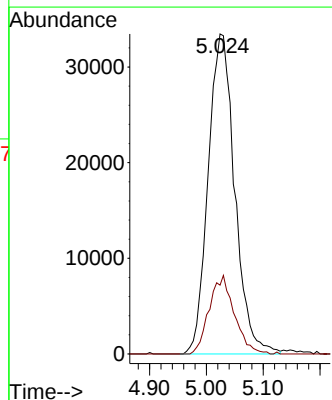
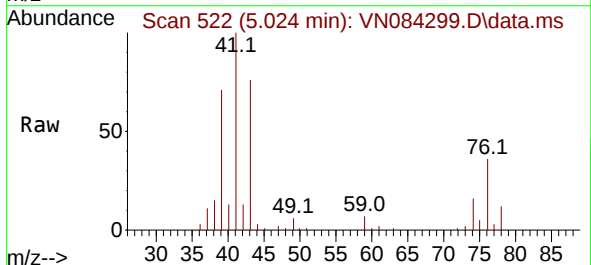
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

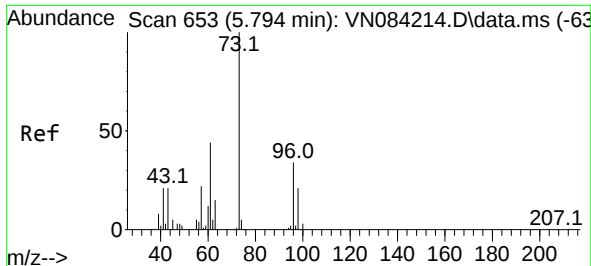
Tgt Ion: 76 Resp: 250761
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: 48.234 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 43 Resp: 108698
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8

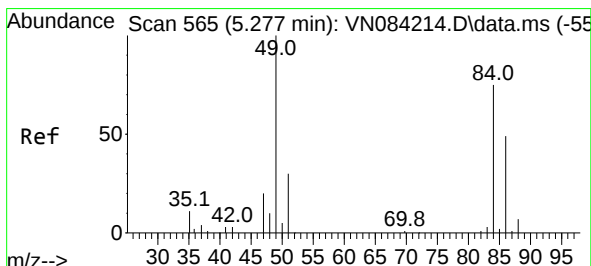
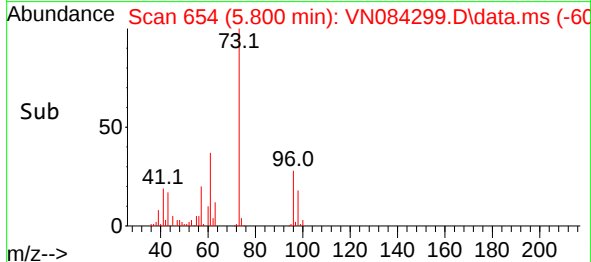
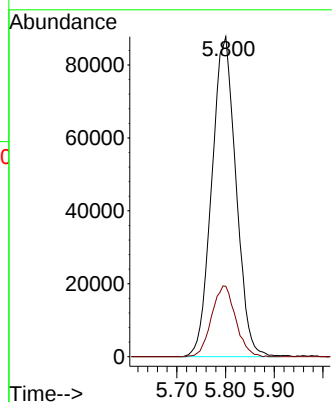
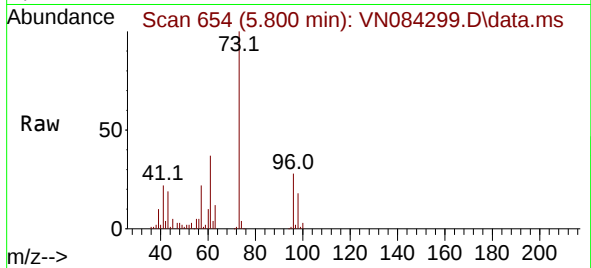




#19
Methyl tert-butyl Ether
Concen: 49.122 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

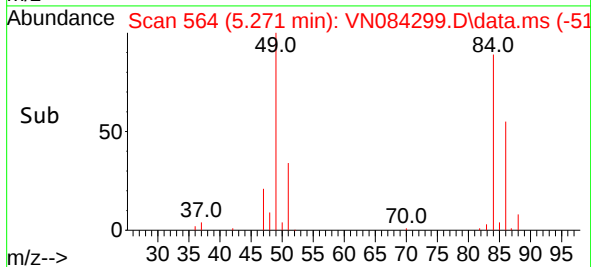
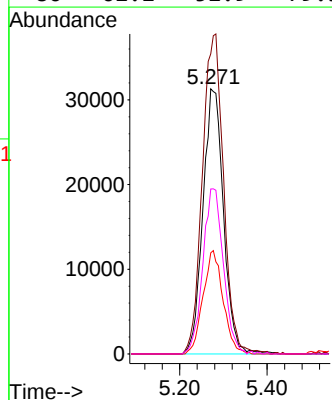
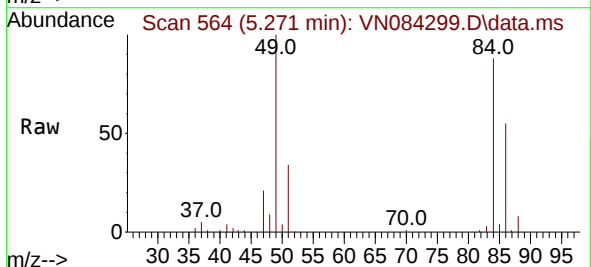
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

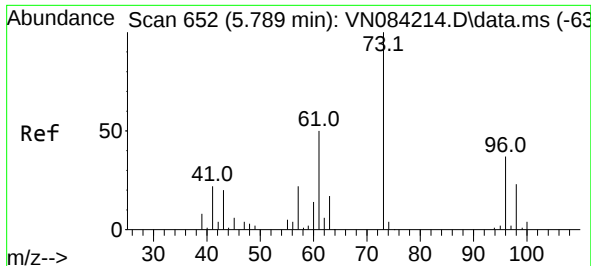
Tgt Ion: 73 Resp: 303033
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 48.845 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 84 Resp: 102661
Ion Ratio Lower Upper
84 100
49 113.3 107.2 160.8
51 38.2 31.8 47.8
86 62.2 52.9 79.3

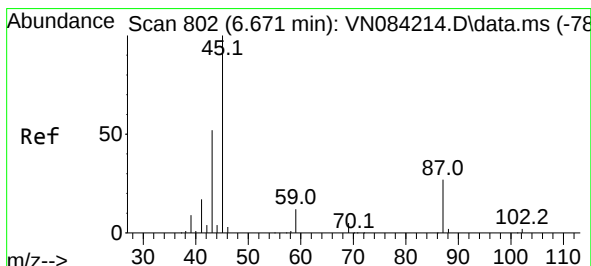
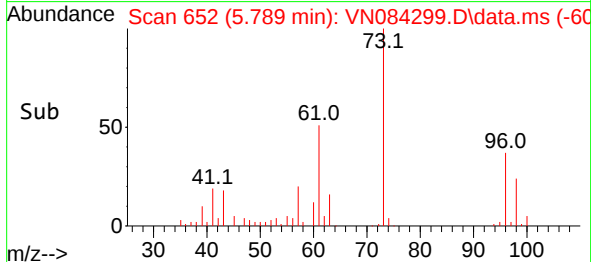
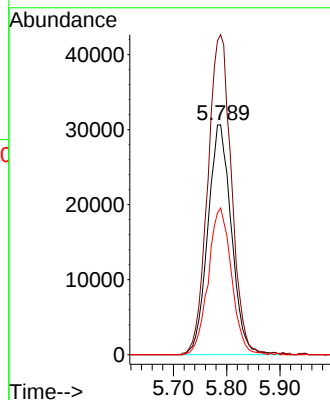
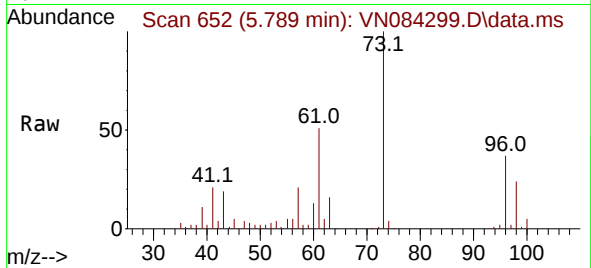




#21
trans-1,2-Dichloroethene
Concen: 49.160 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

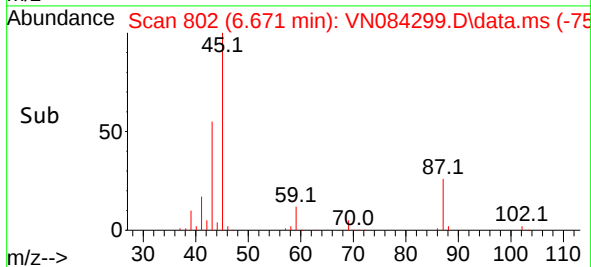
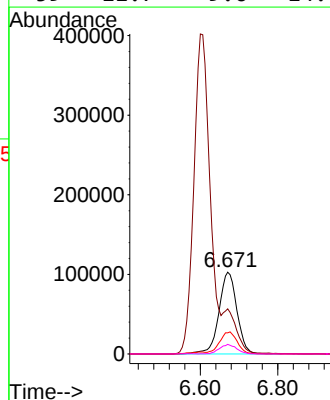
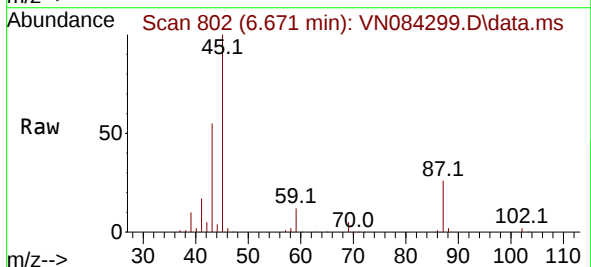
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

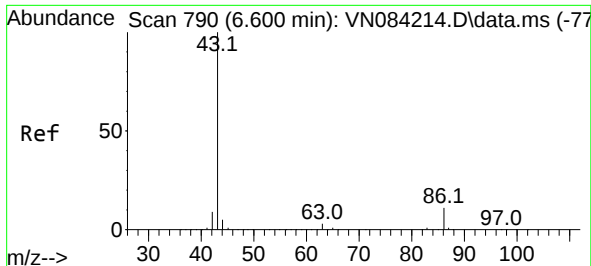
Tgt Ion: 96 Resp: 94135
Ion Ratio Lower Upper
96 100
61 139.2 108.4 162.6
98 63.8 49.8 74.8



#22
Diisopropyl ether
Concen: 50.439 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 45 Resp: 331178
Ion Ratio Lower Upper
45 100
43 54.4 42.3 63.5
87 25.9 21.8 32.6
59 11.7 9.6 14.4

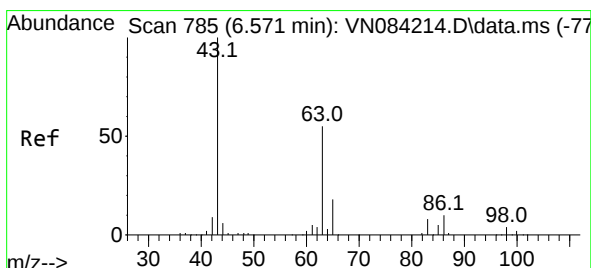
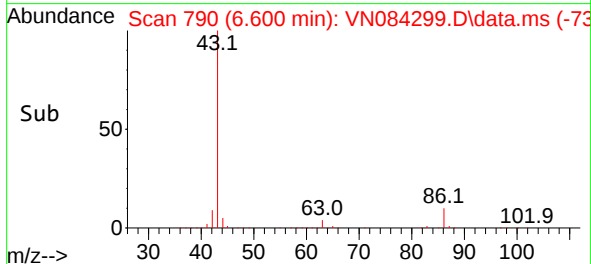
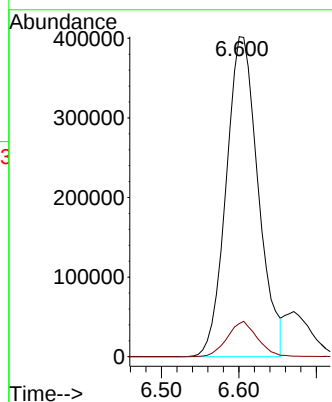
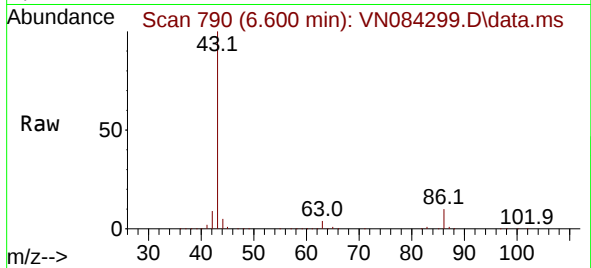




#23
 Vinyl Acetate
 Concen: 237.368 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084299.D
 Acq: 03 Oct 2024 15:27

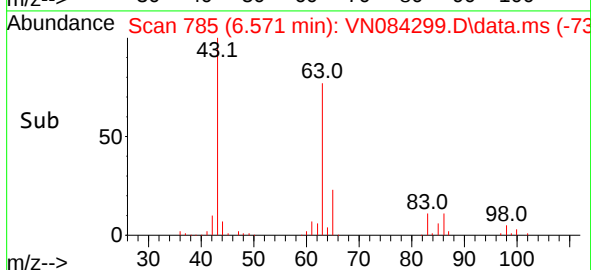
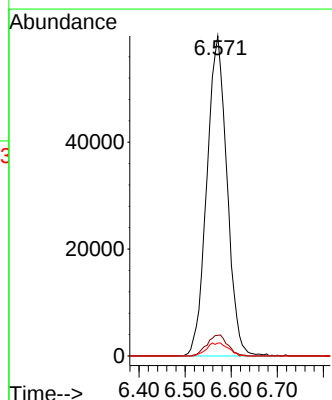
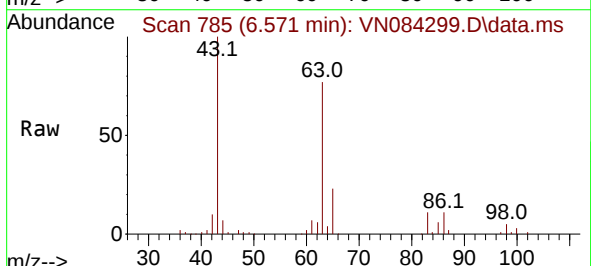
Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927MSD

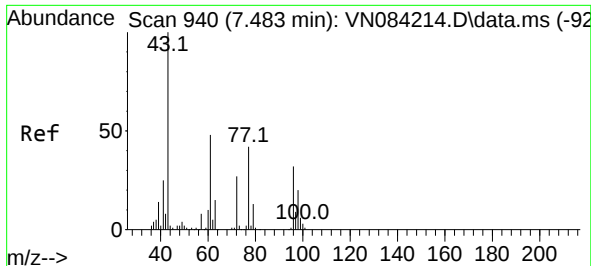
Tgt Ion: 43 Resp: 1155949
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 49.709 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN084299.D
 Acq: 03 Oct 2024 15:27

Tgt Ion: 63 Resp: 182519
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 4.1 2.0 5.8

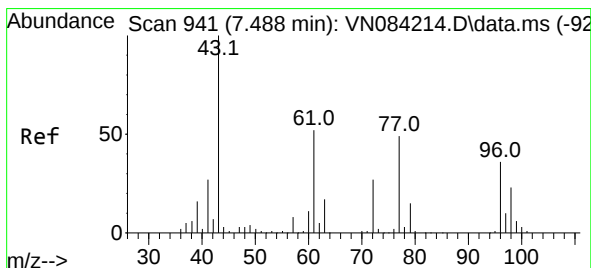
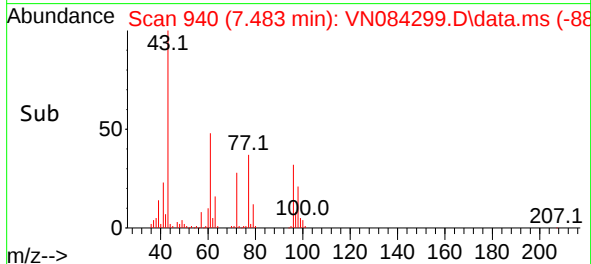
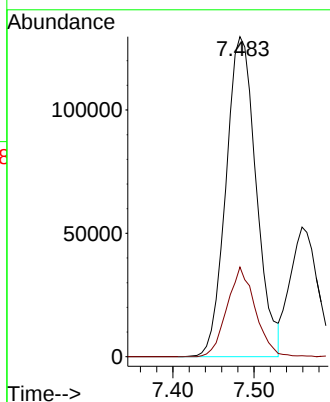
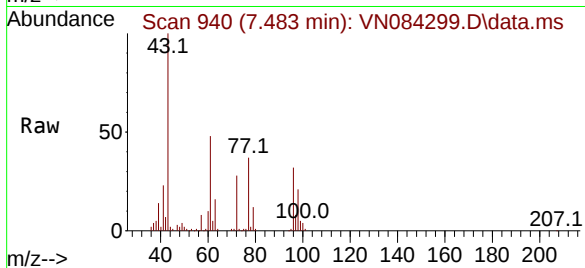




#25
2-Butanone
Concen: 238.904 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

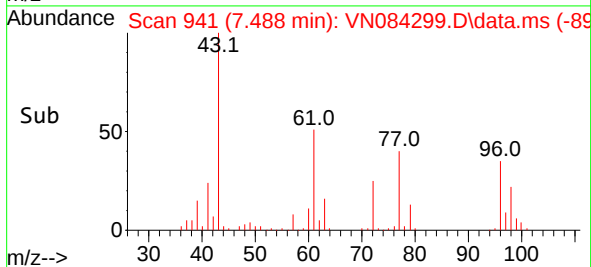
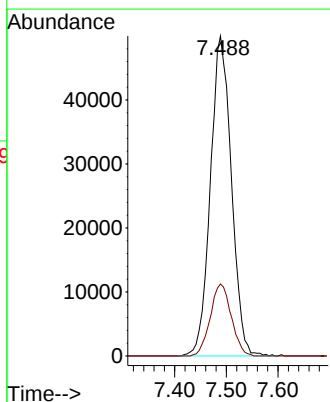
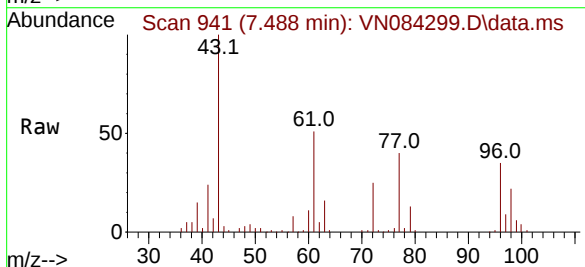
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

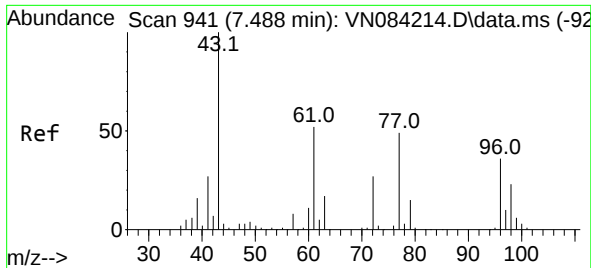
Tgt Ion: 43 Resp: 336436
Ion Ratio Lower Upper
43 100
72 28.0 21.4 32.2



#26
2,2-Dichloropropane
Concen: 42.540 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 77 Resp: 140835
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3



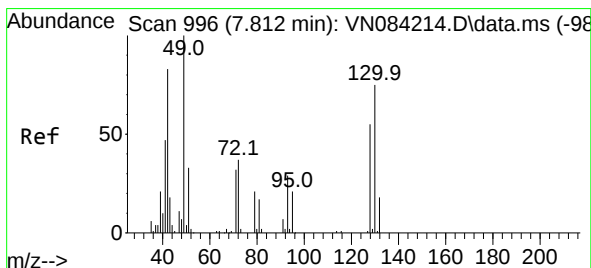
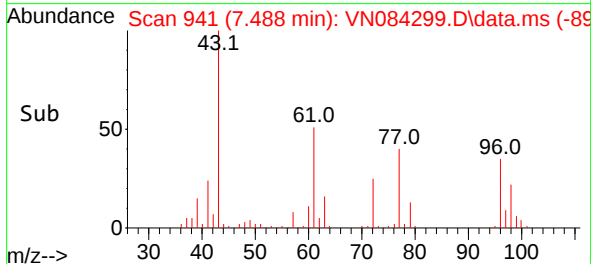
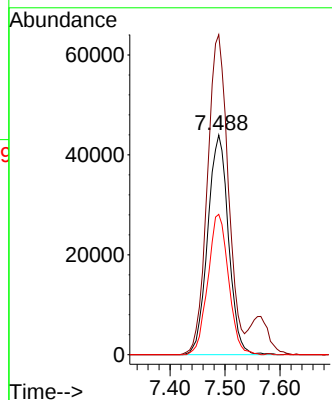
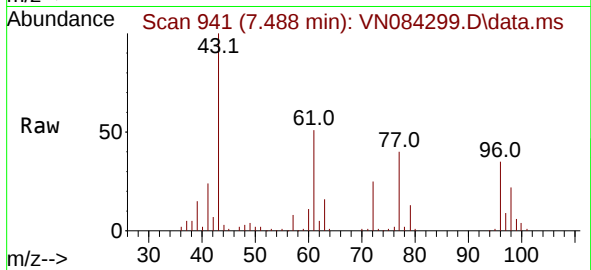


#27
 cis-1,2-Dichloroethene
 Concen: 49.890 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN084299.D
 Acq: 03 Oct 2024 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927MSD

Tgt Ion: 96 Resp: 115443

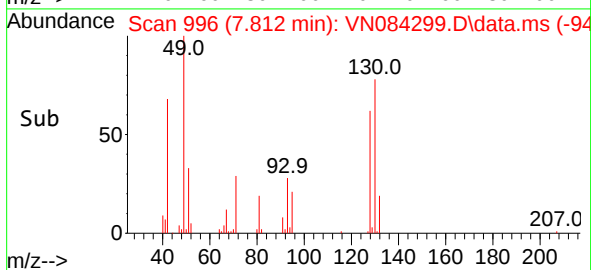
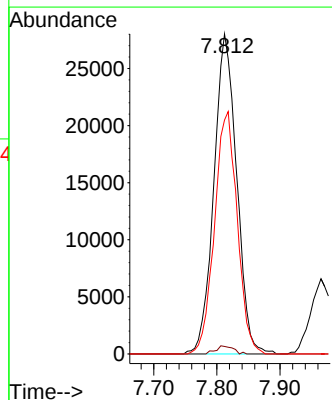
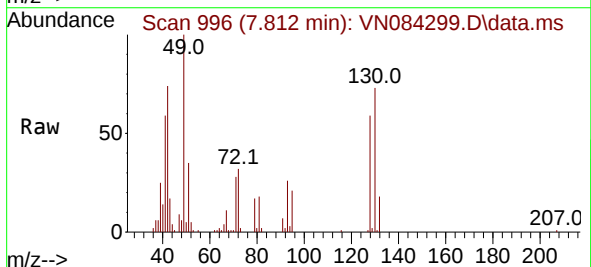
Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	301.8
98	63.5	0.0	128.2

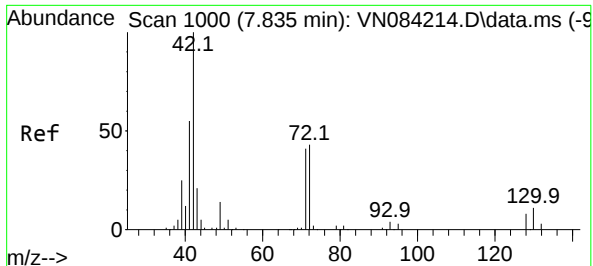


#28
 Bromochloromethane
 Concen: 42.918 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084299.D
 Acq: 03 Oct 2024 15:27

Tgt Ion: 49 Resp: 70311

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	75.5	58.0	87.0

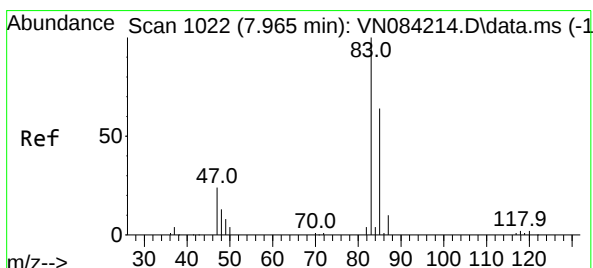
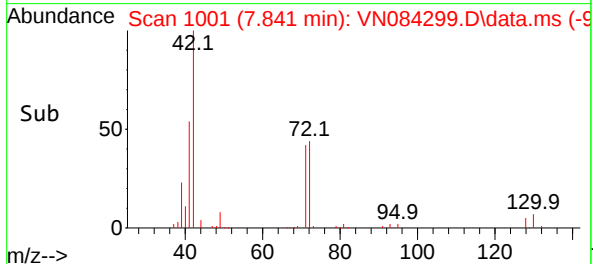
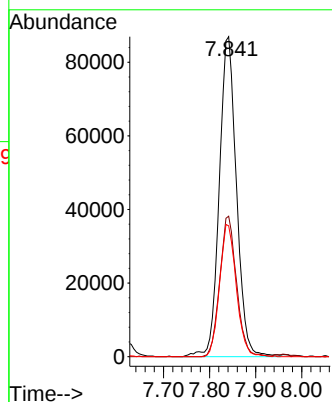
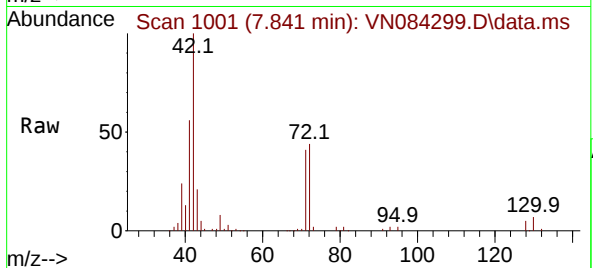




#29
Tetrahydrofuran
Concen: 258.961 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

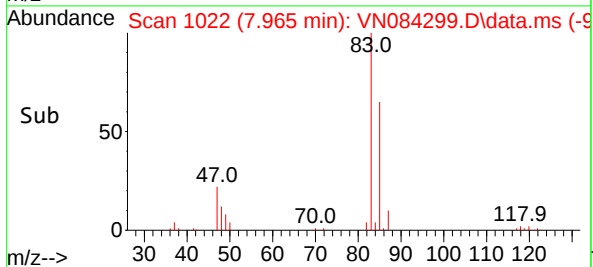
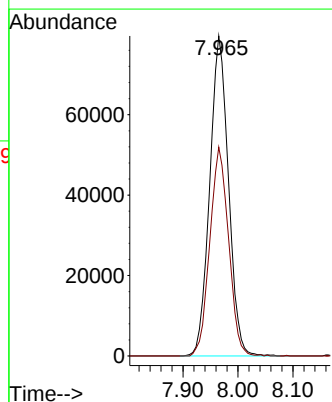
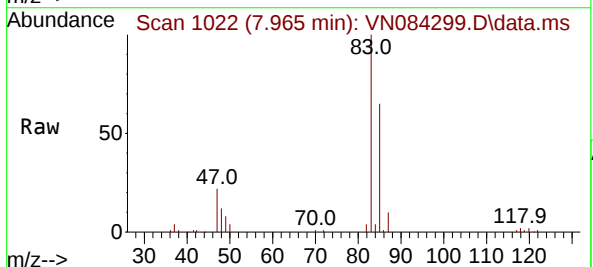
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

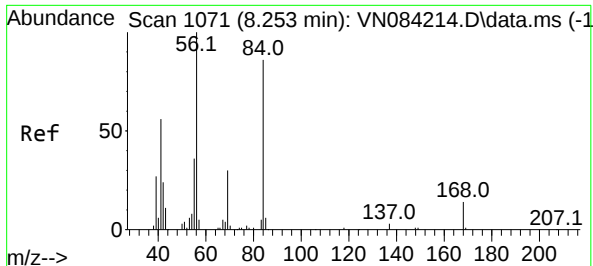
Tgt Ion: 42 Resp: 225051
Ion Ratio Lower Upper
42 100
72 42.8 34.6 51.8
71 40.1 32.2 48.4



#30
Chloroform
Concen: 49.405 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 83 Resp: 188434
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.4

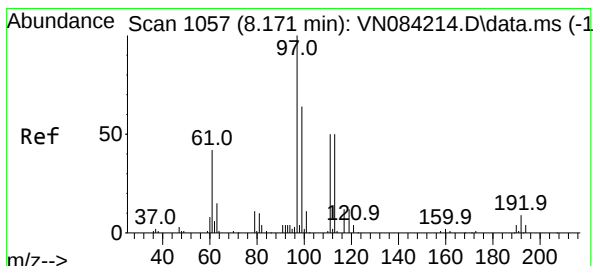
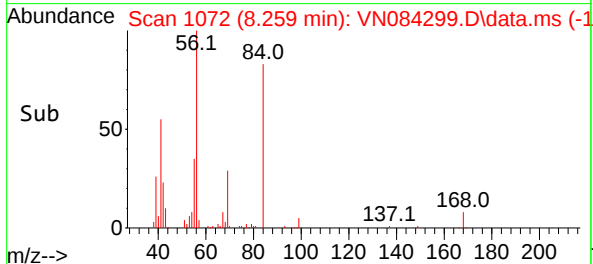
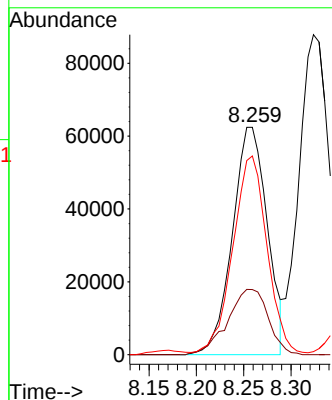
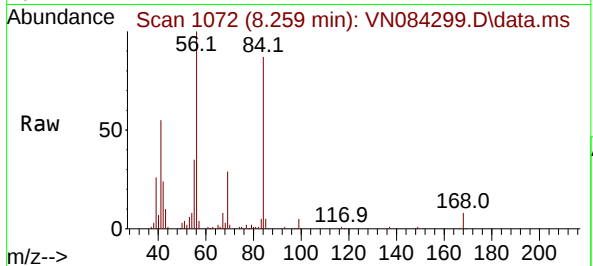




#31
Cyclohexane
Concen: 44.856 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

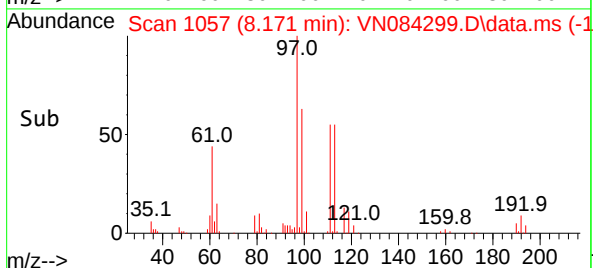
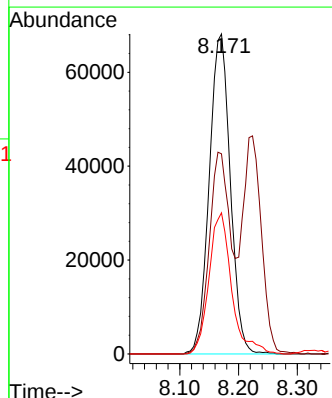
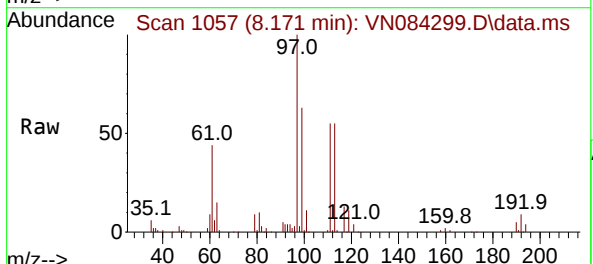
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

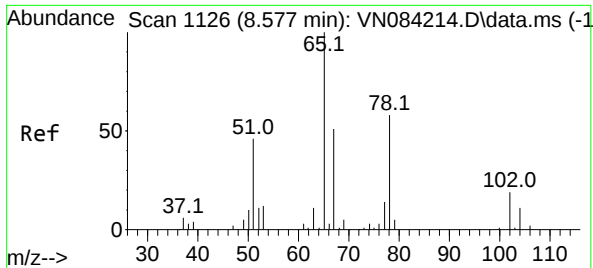
Tgt Ion: 56 Resp: 159916
Ion Ratio Lower Upper
56 100
69 28.6 23.8 35.6
84 86.0 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 49.513 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 97 Resp: 169601
Ion Ratio Lower Upper
97 100
99 62.9 51.2 76.8
61 47.4 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 47.806 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

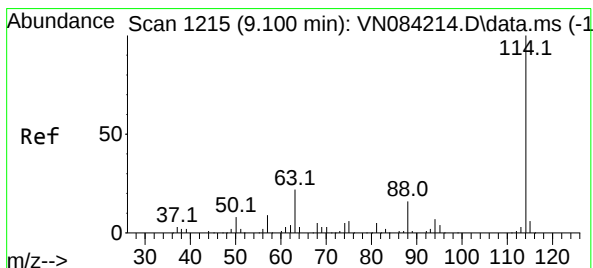
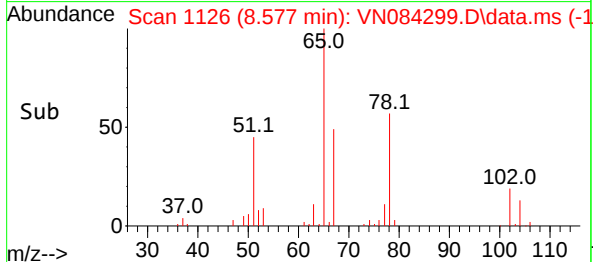
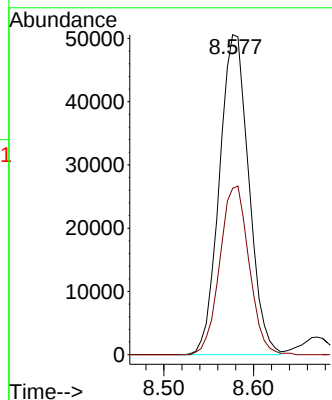
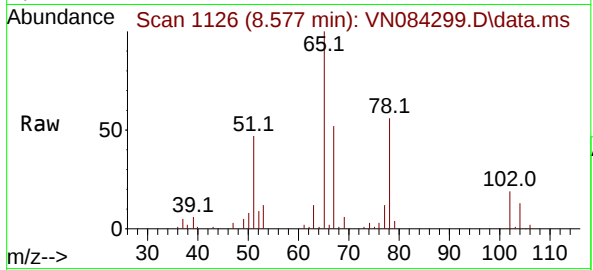
RW4-20240927MSD

Tgt Ion: 65 Resp: 115062

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

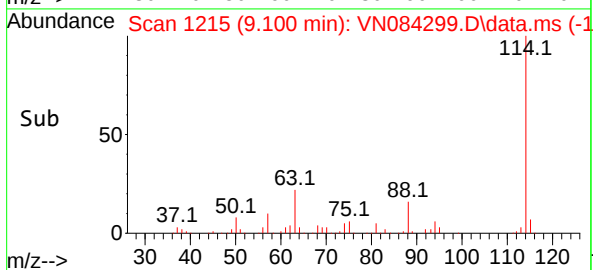
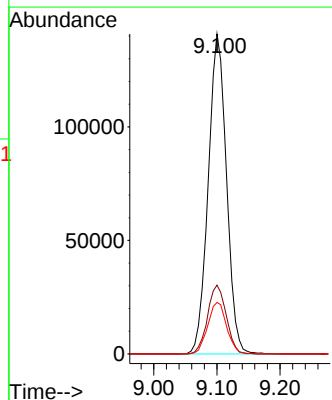
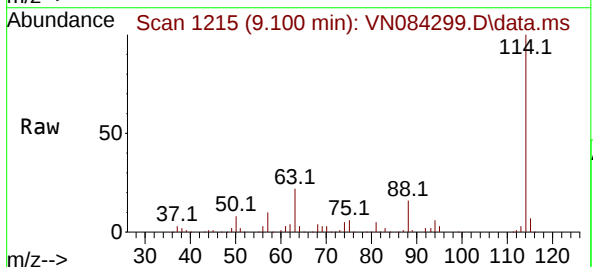
Tgt Ion: 114 Resp: 283371

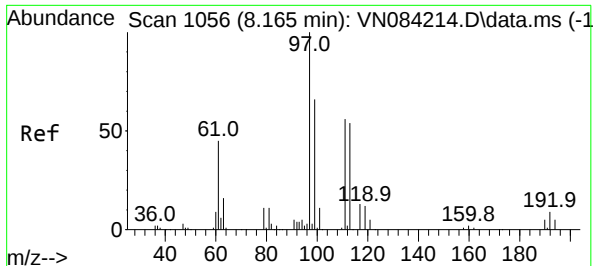
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

88 16.1 0.0 31.6

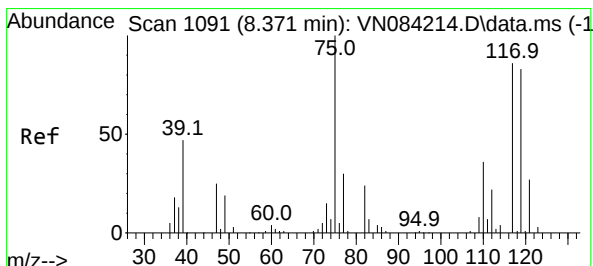
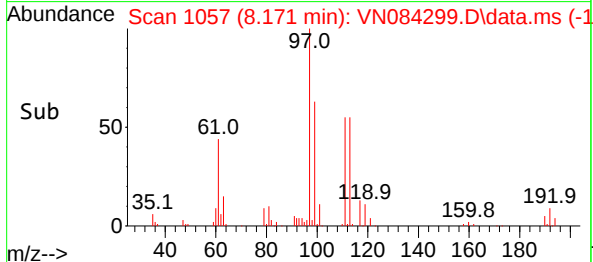
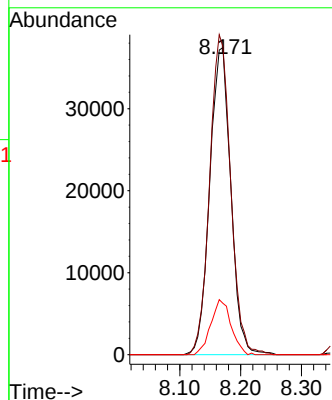
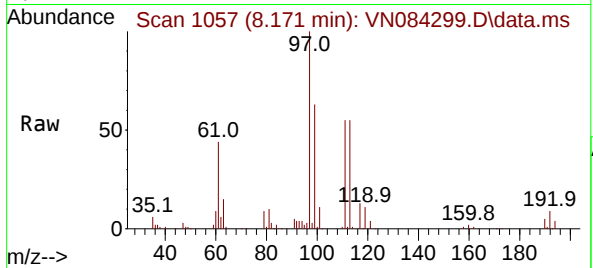




#35
Dibromofluoromethane
Concen: 48.079 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

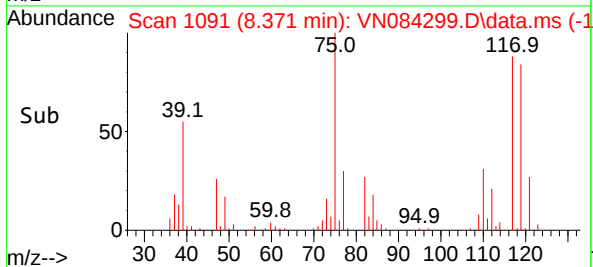
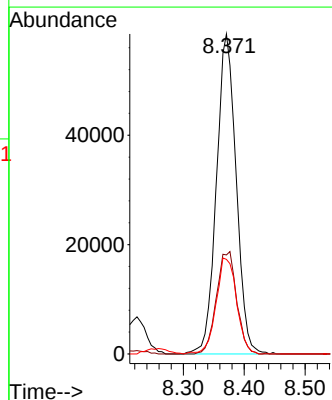
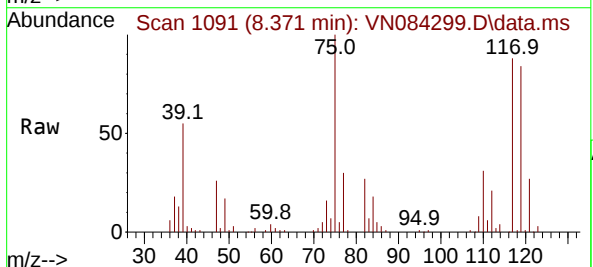
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

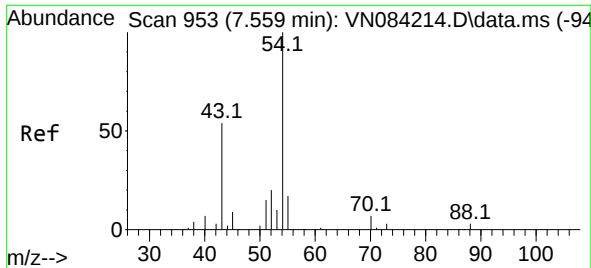
Tgt Ion:113 Resp: 89820
Ion Ratio Lower Upper
113 100
111 103.8 83.3 124.9
192 17.3 13.5 20.3



#36
1,1-Dichloropropene
Concen: 48.539 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 75 Resp: 131715
Ion Ratio Lower Upper
75 100
110 32.8 16.9 50.7
77 31.2 24.7 37.1

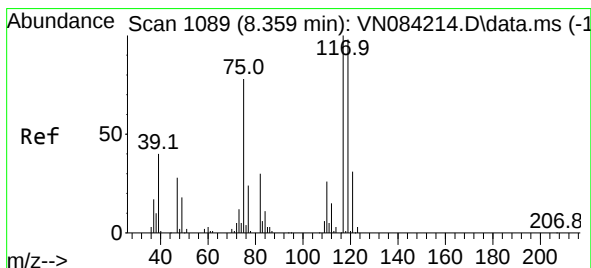
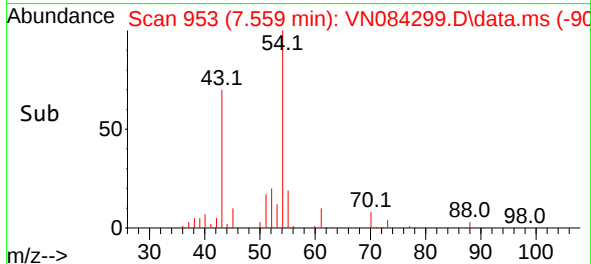
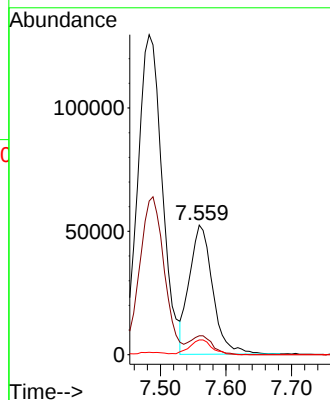
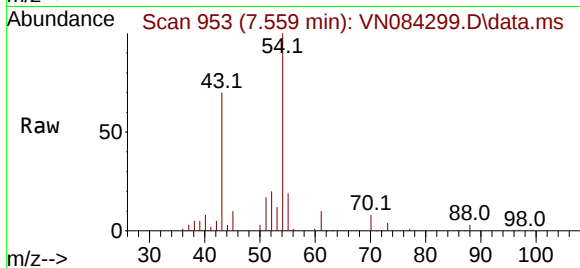




#37
Ethyl Acetate
Concen: 46.407 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

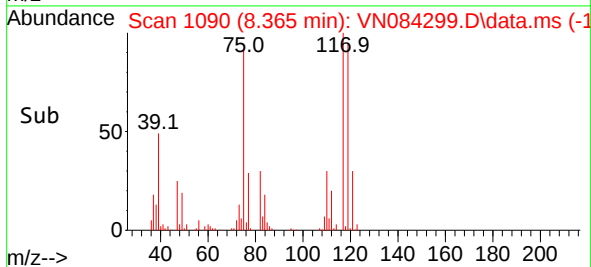
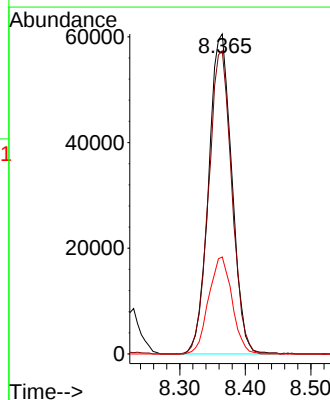
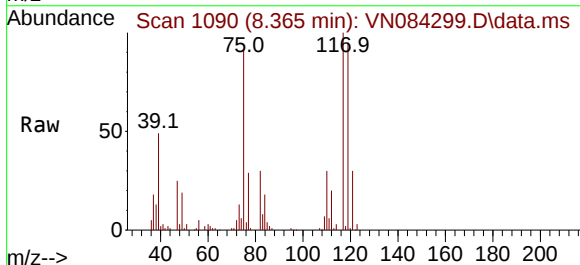
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

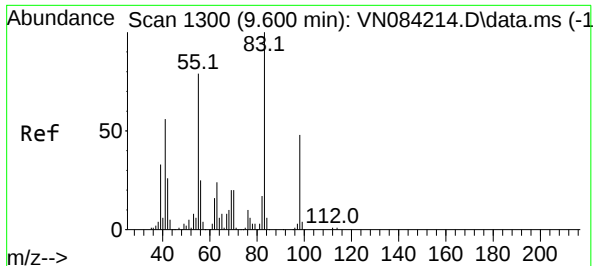
Tgt Ion: 43 Resp: 129192
Ion Ratio Lower Upper
43 100
61 14.3 10.7 16.1
70 11.3 8.8 13.2



#38
Carbon Tetrachloride
Concen: 49.863 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 117 Resp: 148424
Ion Ratio Lower Upper
117 100
119 94.8 78.7 118.1
121 30.3 24.4 36.6





#39

Methylcyclohexane

Concen: 48.213 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MSD

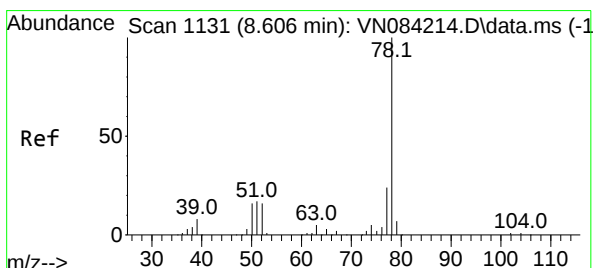
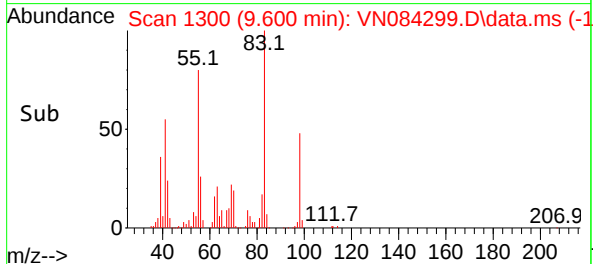
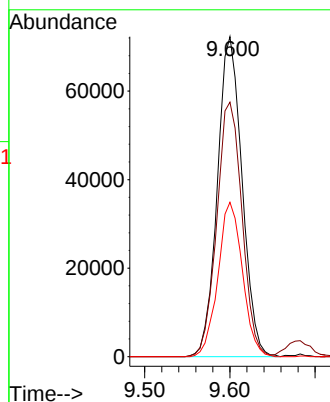
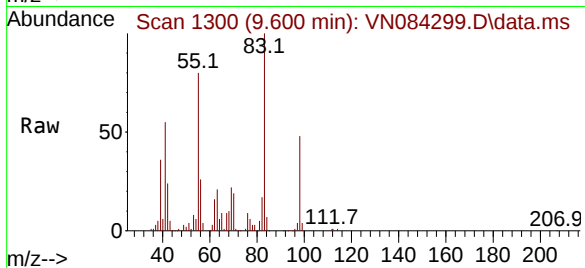
Tgt Ion: 83 Resp: 145609

Ion Ratio Lower Upper

83 100

55 79.6 62.8 94.2

98 48.3 38.8 58.2



#40

Benzene

Concen: 48.930 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN084299.D

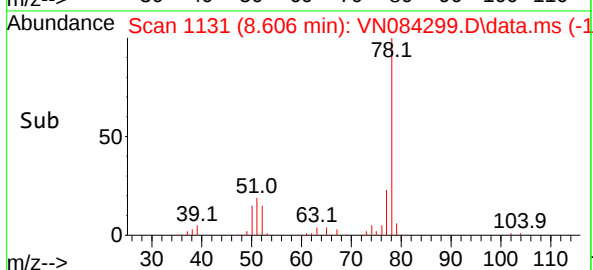
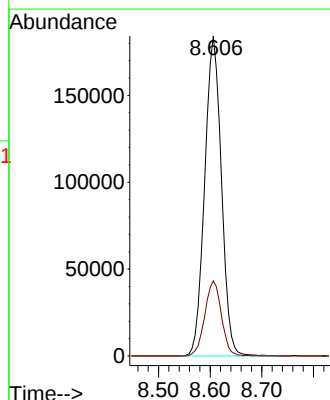
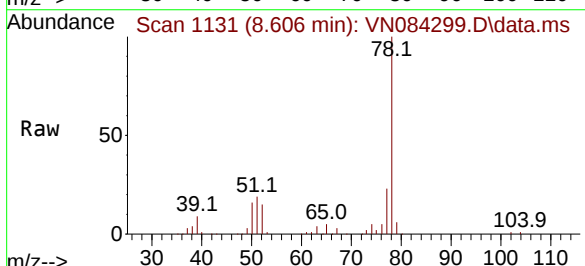
Acq: 03 Oct 2024 15:27

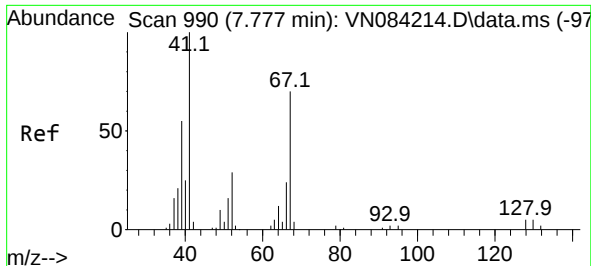
Tgt Ion: 78 Resp: 413685

Ion Ratio Lower Upper

78 100

77 23.4 19.1 28.7

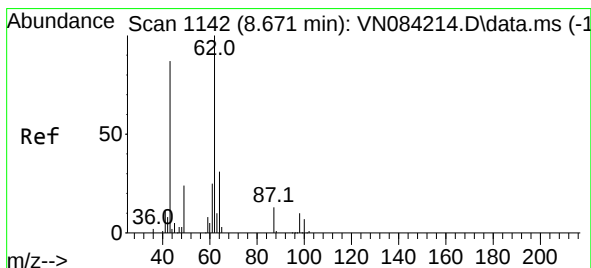
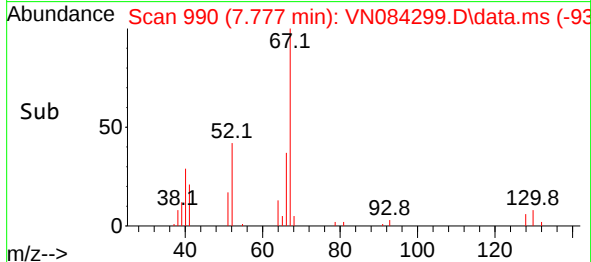
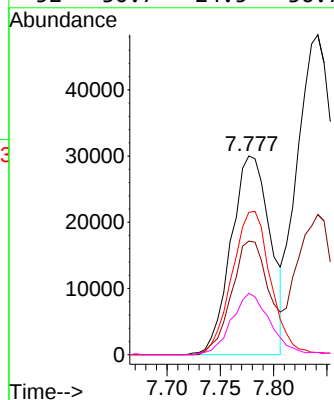
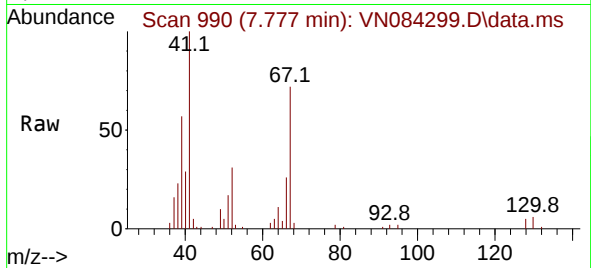




#41
Methacrylonitrile
Concen: 51.013 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

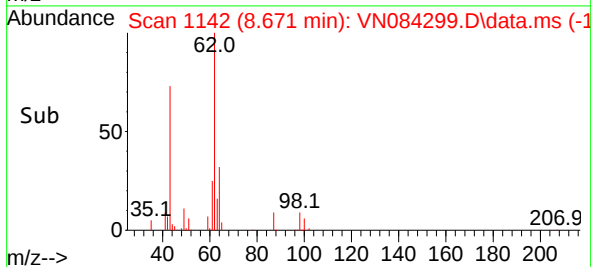
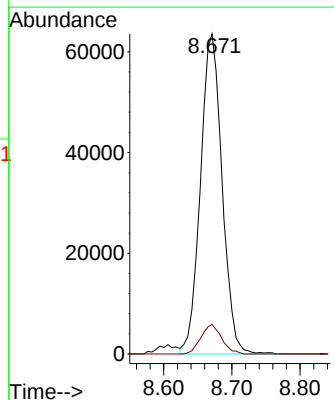
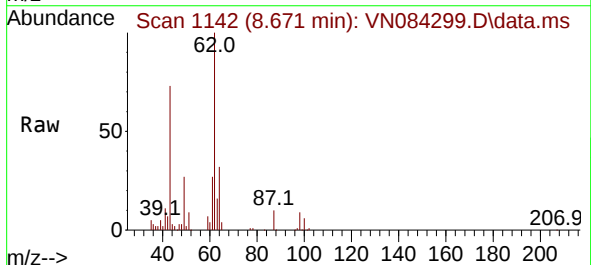
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

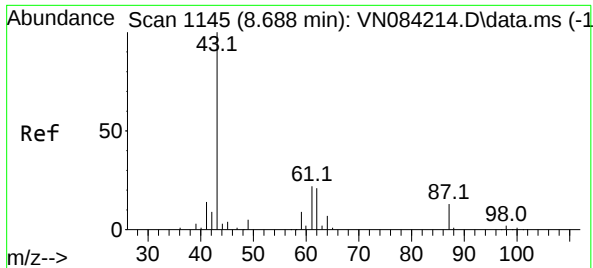
Tgt Ion:	41	Resp:	77098
Ion	Ratio	Lower	Upper
41	100		
39	54.4	43.3	64.9
67	71.2	56.1	84.1
52	30.7	24.5	36.7



#42
1,2-Dichloroethane
Concen: 48.911 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion:	62	Resp:	140188
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2

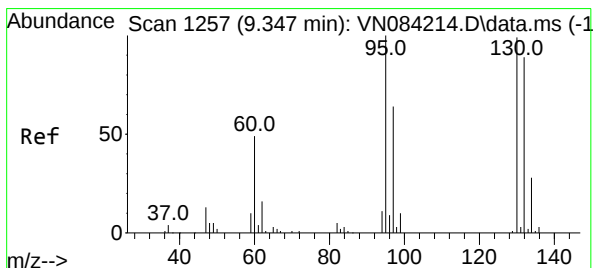
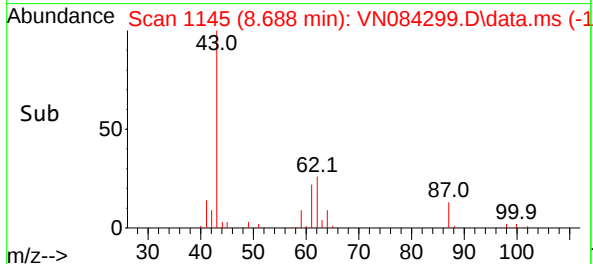
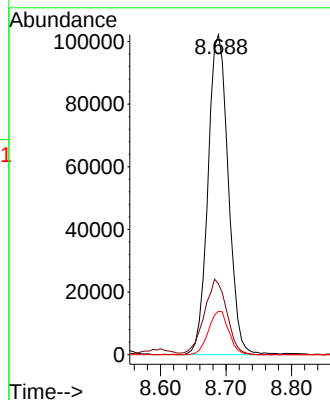
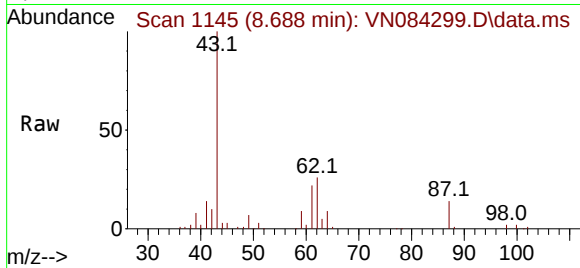




#43
Isopropyl Acetate
Concen: 40.364 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

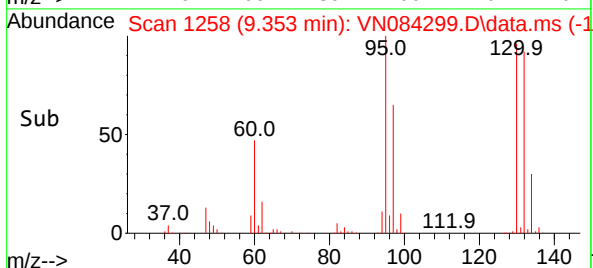
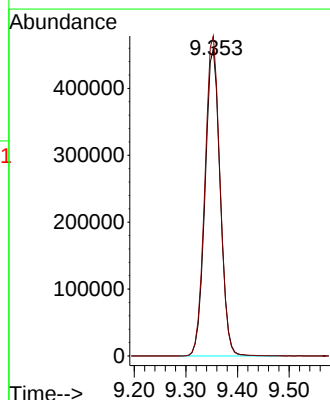
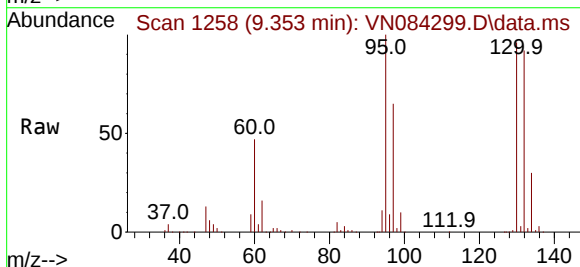
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

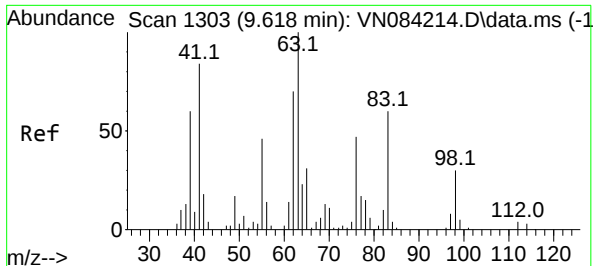
Tgt Ion:	43	Resp:	220096
Ion	Ratio	Lower	Upper
43	100		
61	26.2	20.4	30.6
87	13.5	10.3	15.5



#44
Trichloroethene
Concen: 471.625 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion:	130	Resp:	931290
Ion	Ratio	Lower	Upper
130	100		
95	104.2	0.0	203.0





#45

1,2-Dichloropropane

Concen: 51.173 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

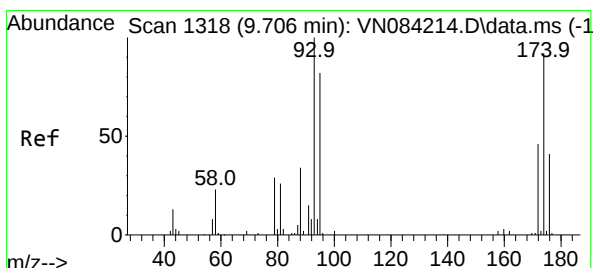
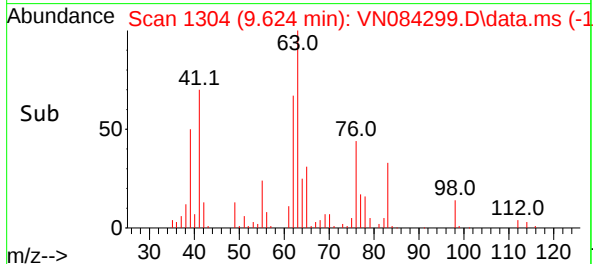
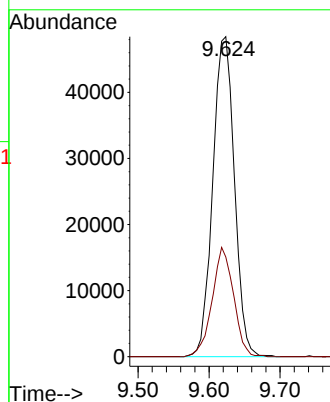
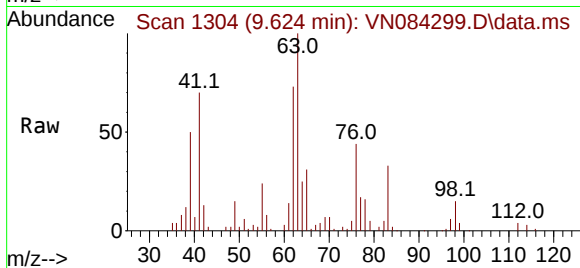
RW4-20240927MSD

Tgt Ion: 63 Resp: 102348

Ion Ratio Lower Upper

63 100

65 31.1 24.6 37.0



#46

Dibromomethane

Concen: 51.432 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

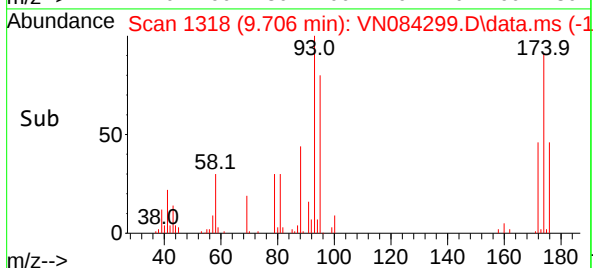
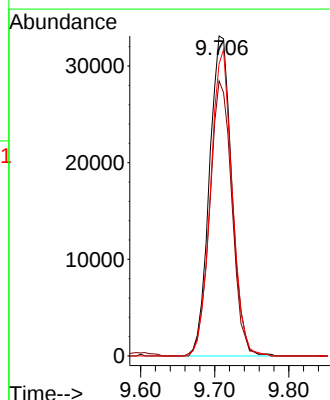
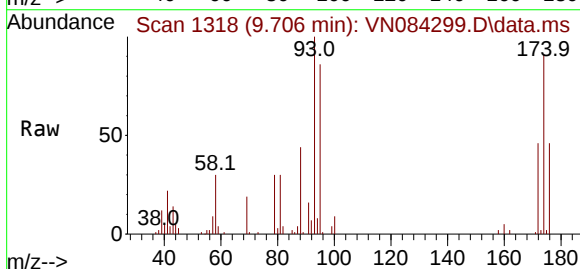
Tgt Ion: 93 Resp: 69417

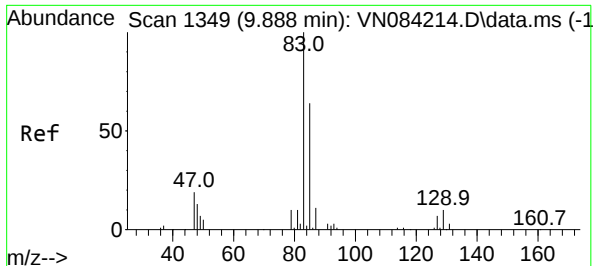
Ion Ratio Lower Upper

93 100

95 84.8 65.0 97.4

174 92.5 71.8 107.8

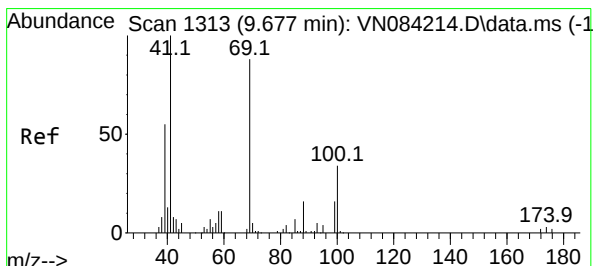
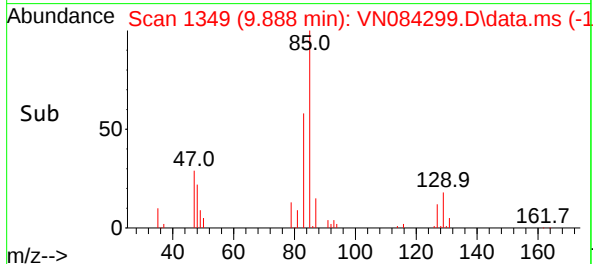
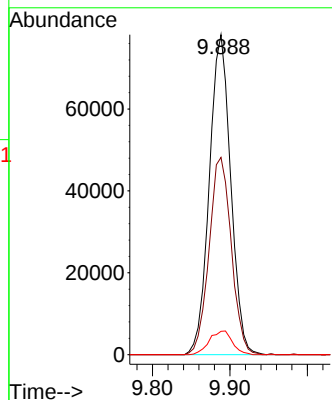
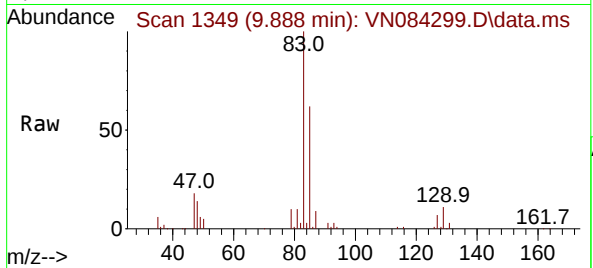




#47
Bromodichloromethane
Concen: 49.922 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

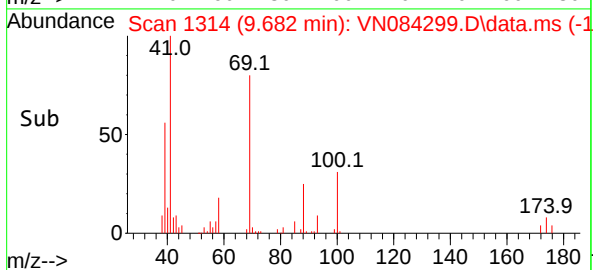
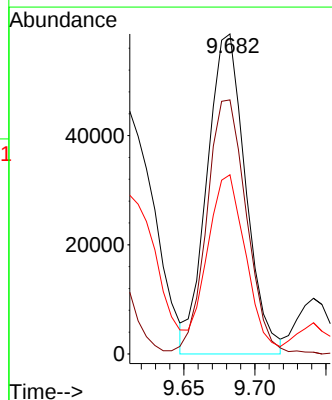
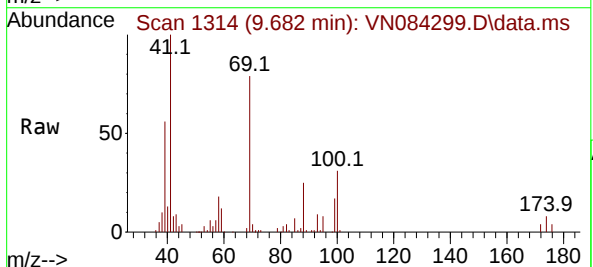
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

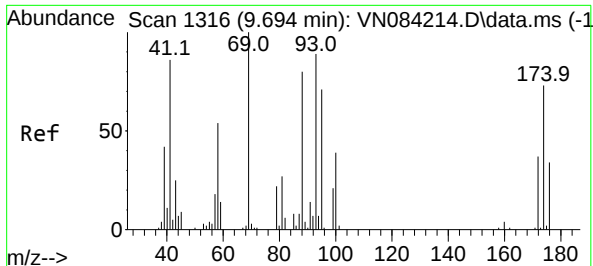
Tgt Ion: 83 Resp: 149695
Ion Ratio Lower Upper
83 100
85 61.6 51.5 77.3
127 7.3 5.7 8.5



#48
Methyl methacrylate
Concen: 51.083 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 41 Resp: 110882
Ion Ratio Lower Upper
41 100
69 81.7 67.1 100.7
39 55.5 45.8 68.6





#49

1,4-Dioxane

Concen: 1061.227 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MSD

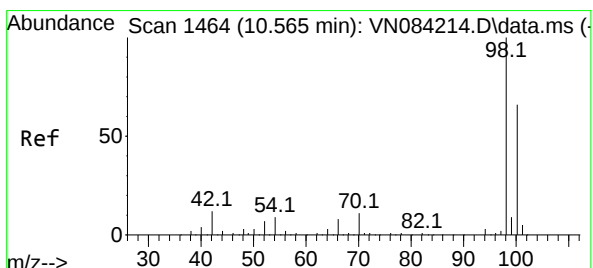
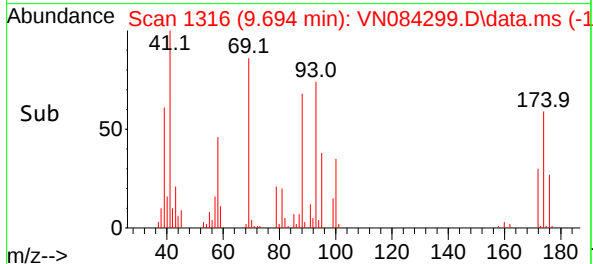
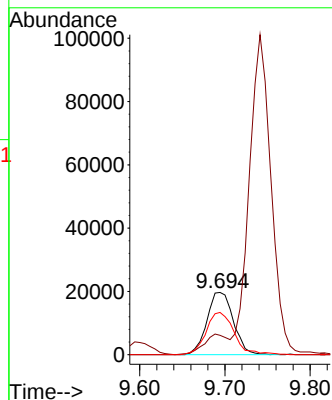
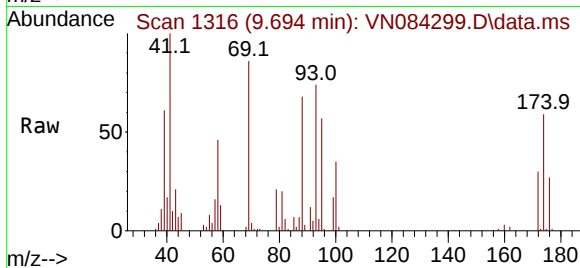
Tgt Ion: 88 Resp: 42408

Ion Ratio Lower Upper

88 100

43 30.5 25.3 37.9

58 72.4 56.4 84.6



#50

Toluene-d8

Concen: 49.338 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084299.D

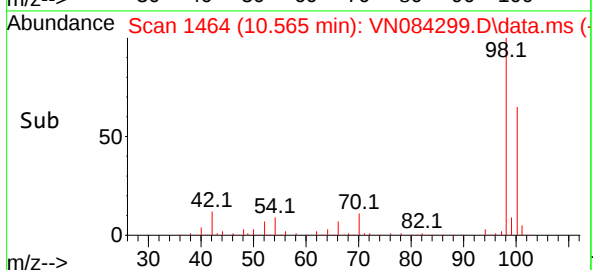
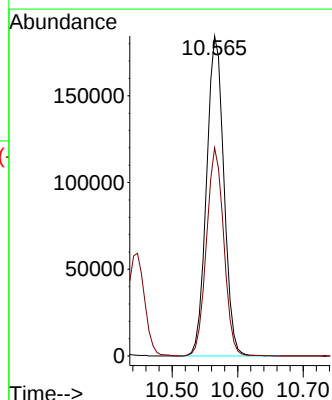
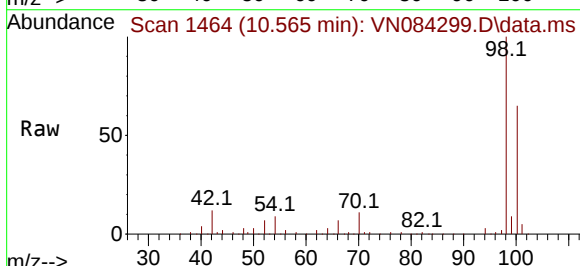
Acq: 03 Oct 2024 15:27

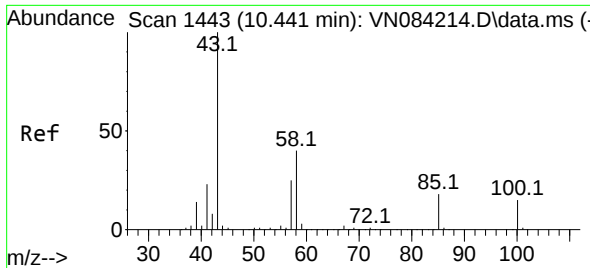
Tgt Ion: 98 Resp: 339109

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1

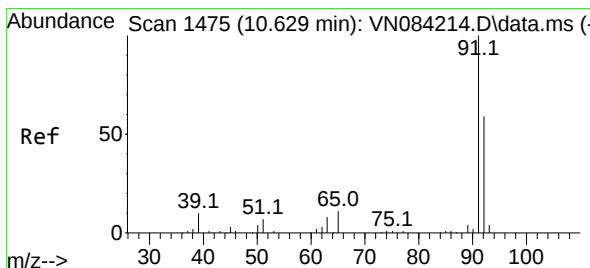
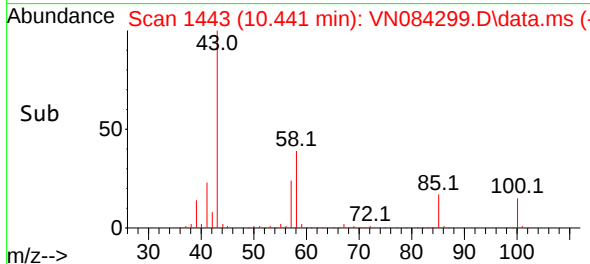
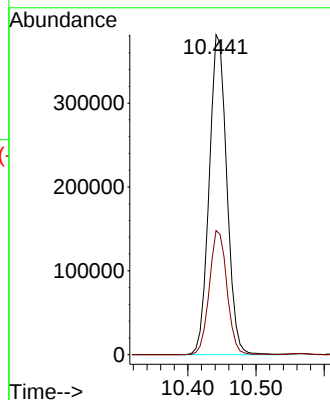
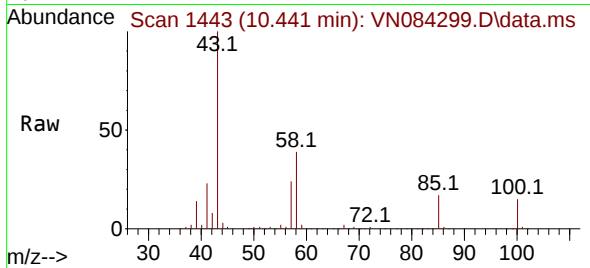




#51
4-Methyl-2-Pentanone
Concen: 259.358 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

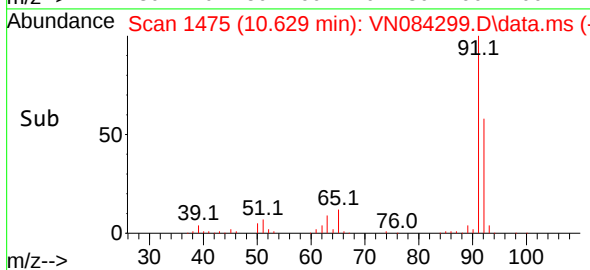
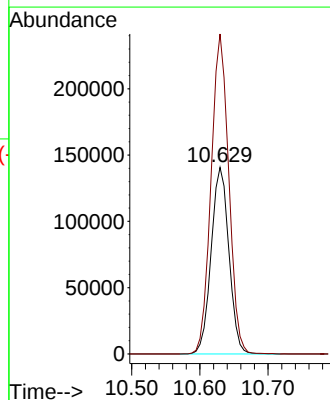
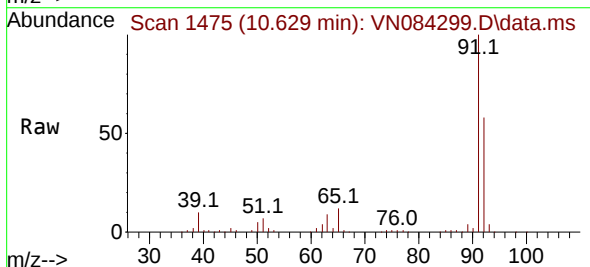
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

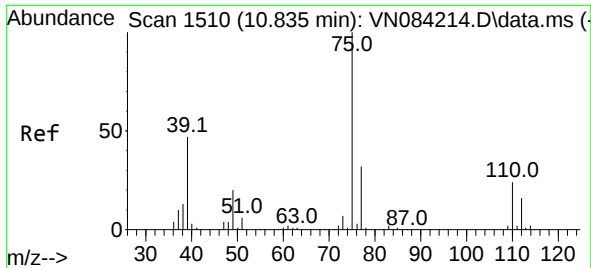
Tgt Ion: 43 Resp: 687336
Ion Ratio Lower Upper
43 100
58 38.8 31.6 47.4



#52
Toluene
Concen: 49.505 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 92 Resp: 255230
Ion Ratio Lower Upper
92 100
91 170.8 137.3 205.9

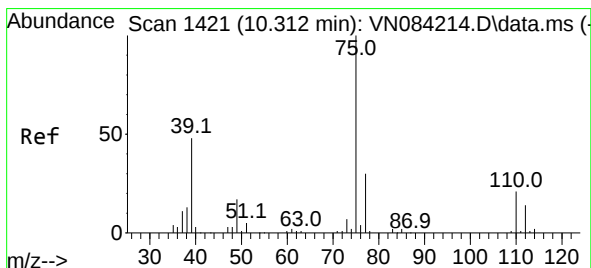
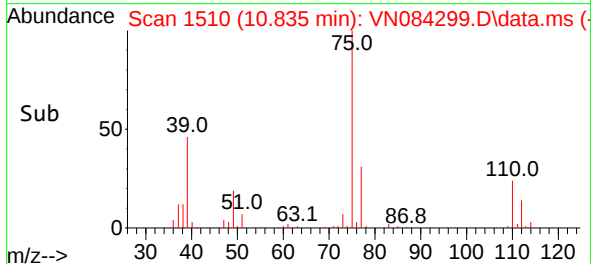
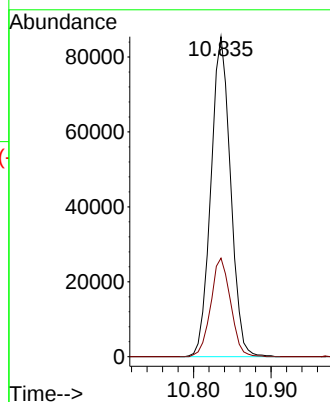
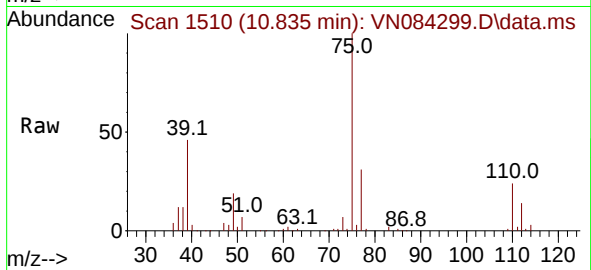




#53
 t-1,3-Dichloropropene
 Concen: 49.185 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN084299.D
 Acq: 03 Oct 2024 15:27

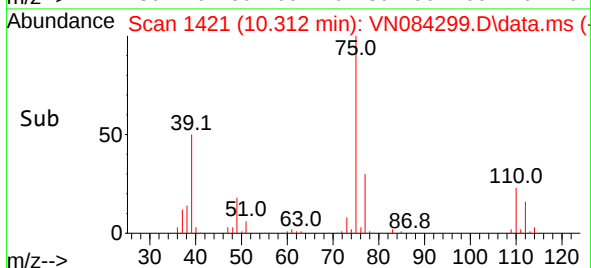
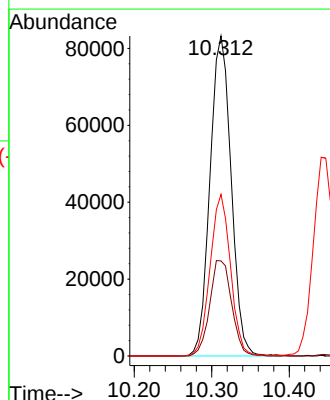
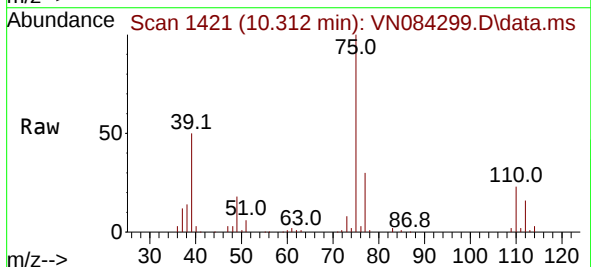
Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927MSD

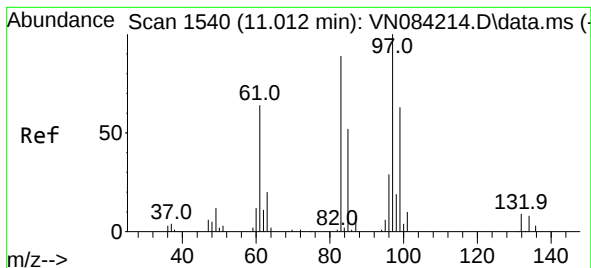
Tgt Ion: 75 Resp: 150341
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 47.953 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN084299.D
 Acq: 03 Oct 2024 15:27

Tgt Ion: 75 Resp: 157660
 Ion Ratio Lower Upper
 75 100
 77 29.7 24.2 36.2
 39 50.5 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 51.464 ug/l

RT: 11.018 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MSD

Tgt Ion: 97 Resp: 95118

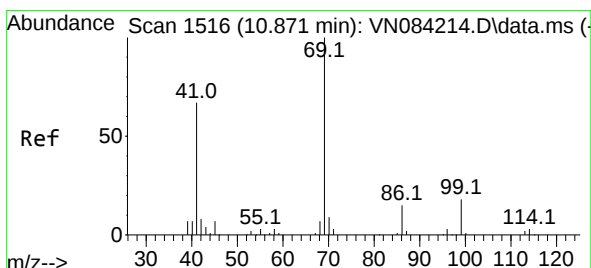
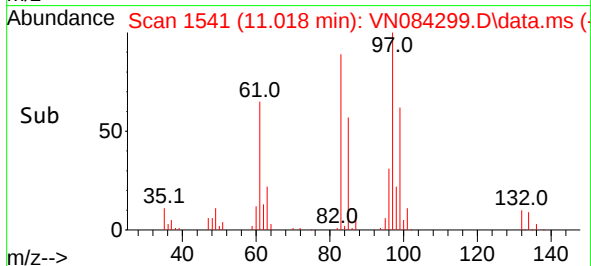
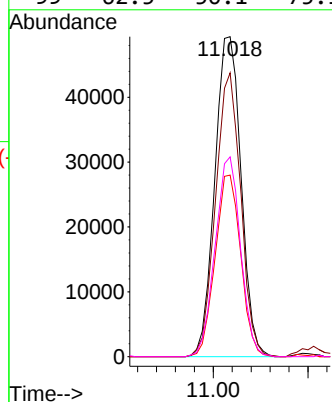
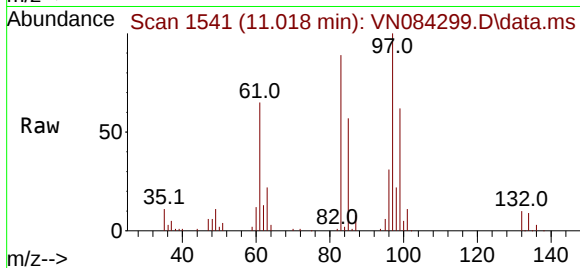
Ion Ratio Lower Upper

97 100

83 88.7 71.0 106.4

85 56.7 41.7 62.5

99 62.5 50.1 75.1



#56

Ethyl methacrylate

Concen: 51.557 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

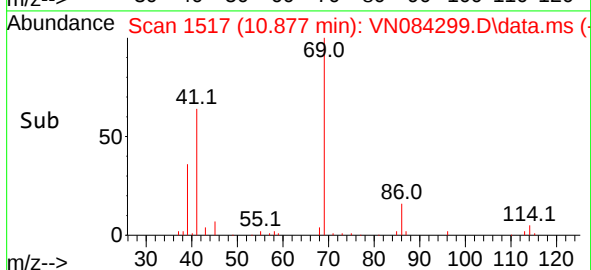
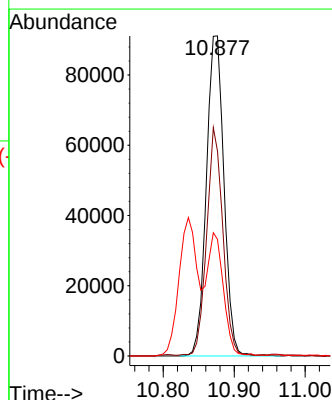
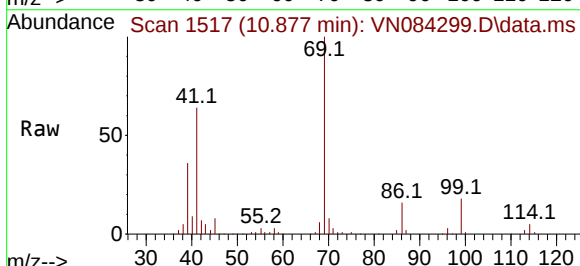
Tgt Ion: 69 Resp: 156794

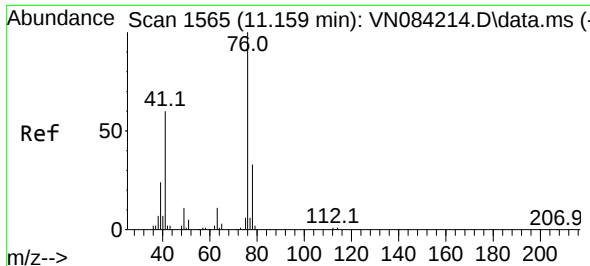
Ion Ratio Lower Upper

69 100

41 65.2 53.3 79.9

39 36.3 28.8 43.2





#57

1,3-Dichloropropane

Concen: 49.895 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN084299.D

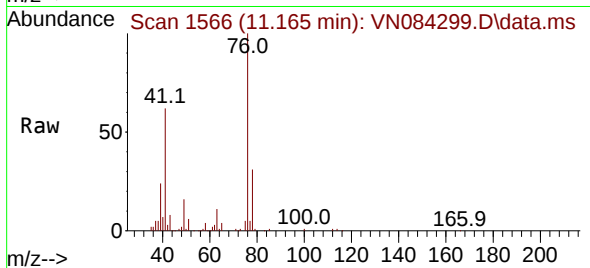
Acq: 03 Oct 2024 15:27

Instrument :

MSVOA_N

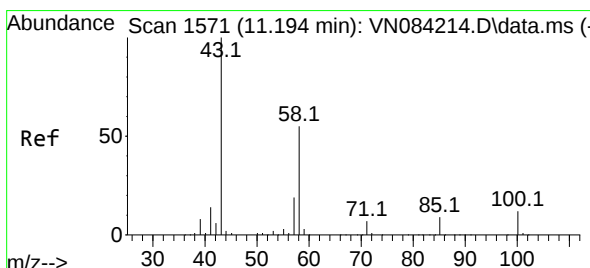
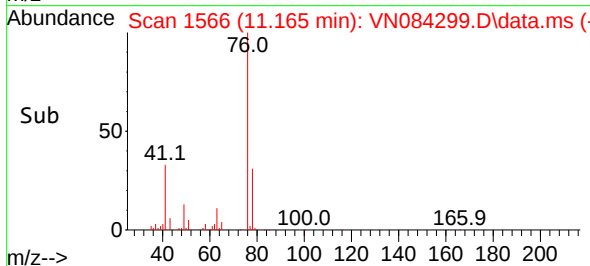
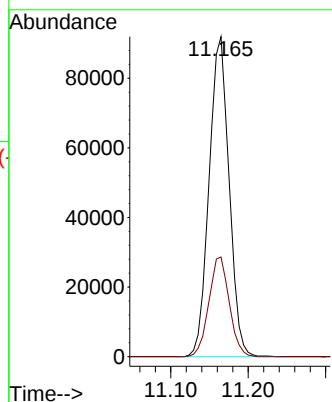
ClientSampleId :

RW4-20240927MSD



Tgt Ion: 76 Resp: 164780

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.6



#59

2-Hexanone

Concen: 254.417 ug/l

RT: 11.194 min Scan# 1571

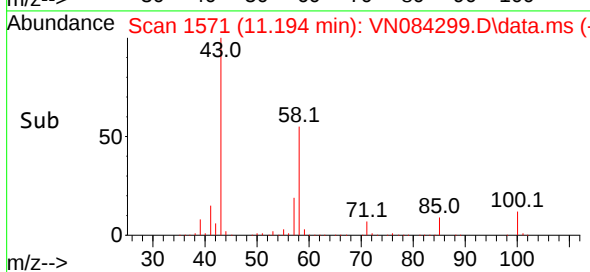
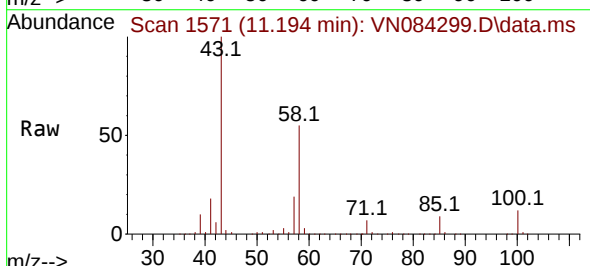
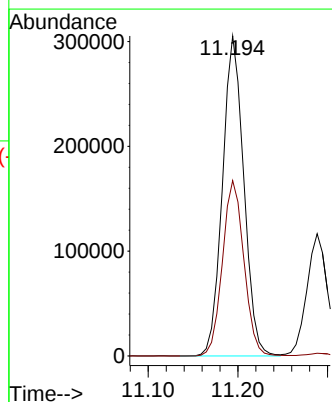
Delta R.T. 0.000 min

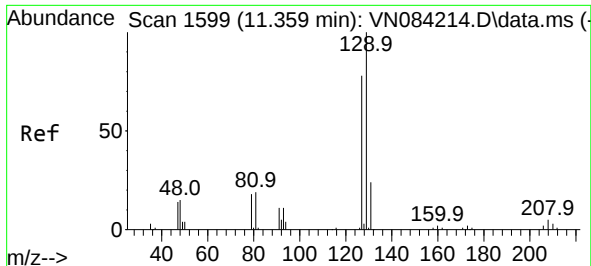
Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

Tgt Ion: 43 Resp: 503938

Ion	Ratio	Lower	Upper
43	100		
58	55.1	27.3	81.8

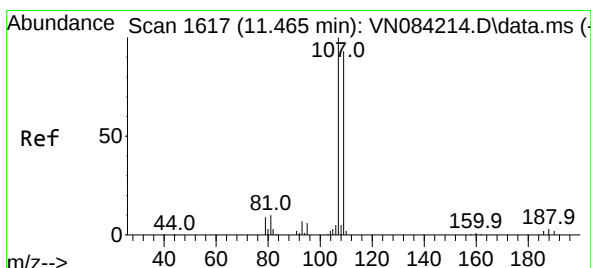
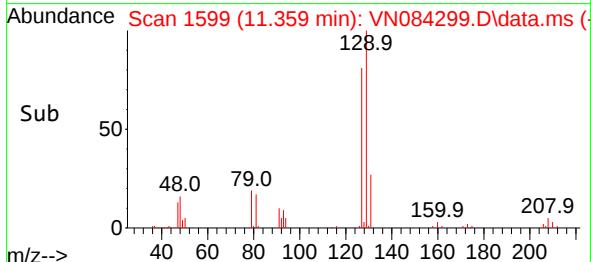
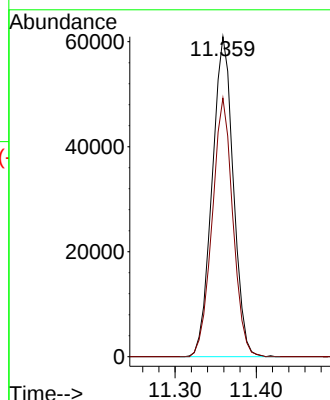
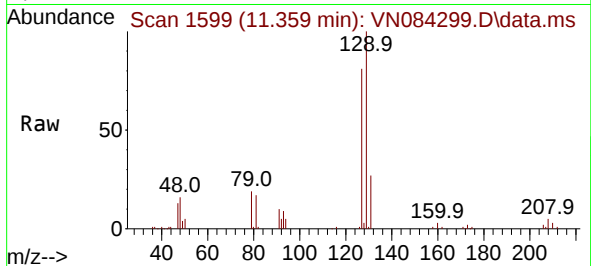




#60
Dibromochloromethane
Concen: 50.600 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

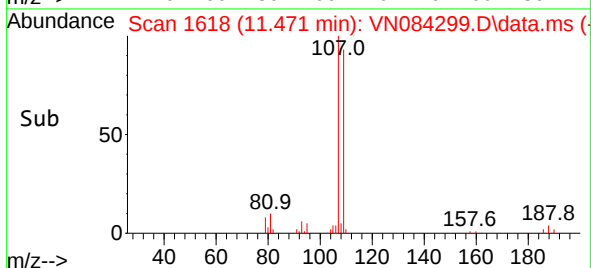
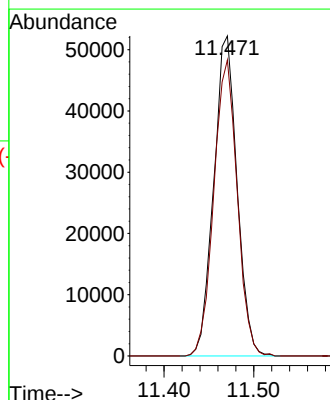
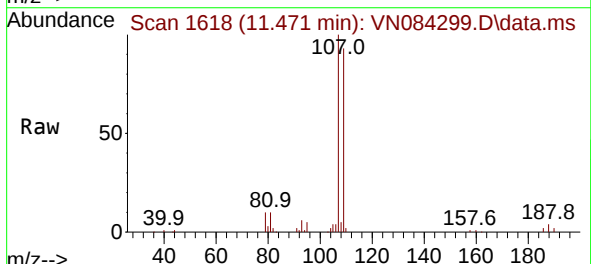
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

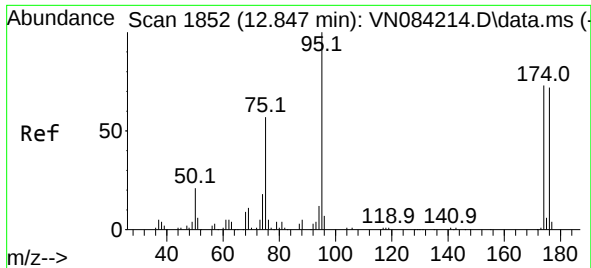
Tgt Ion:129 Resp: 110498
Ion Ratio Lower Upper
129 100
127 78.8 38.3 114.9



#61
1,2-Dibromoethane
Concen: 49.052 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion:107 Resp: 94204
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.0

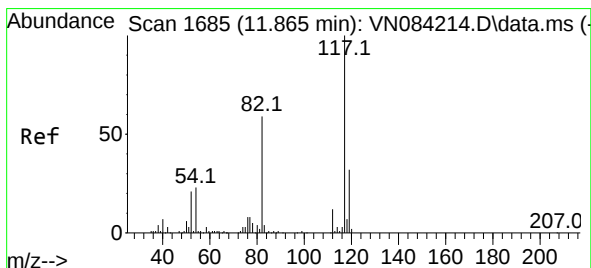
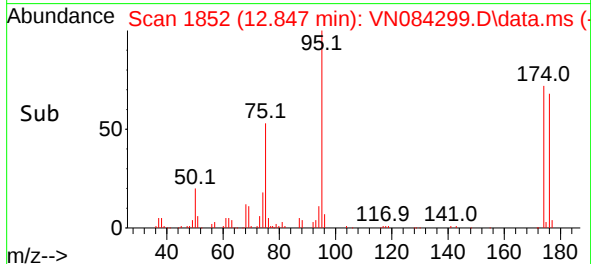
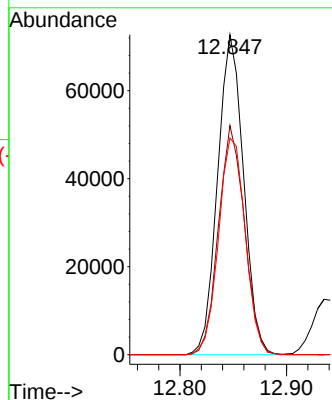
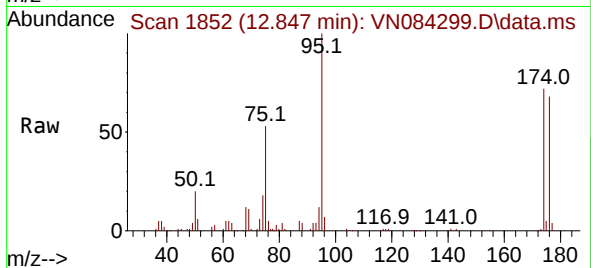




#62
4-Bromofluorobenzene
Concen: 48.982 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

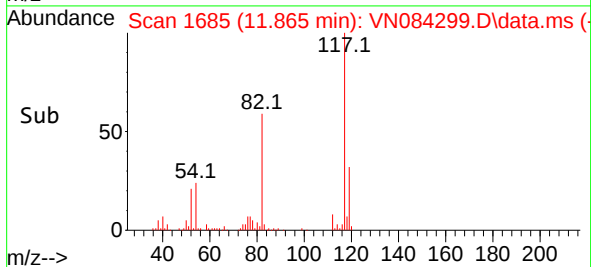
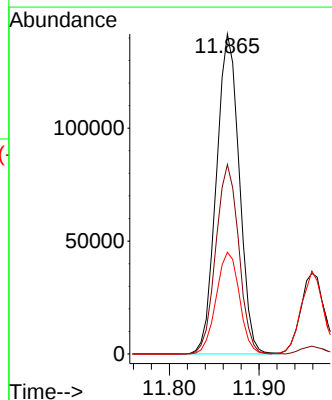
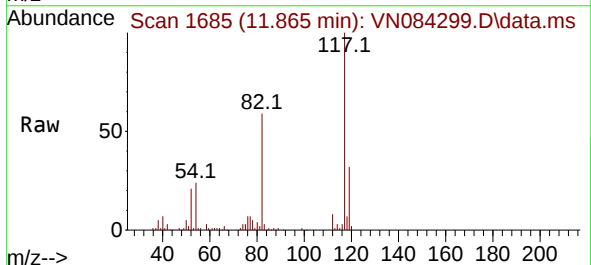
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

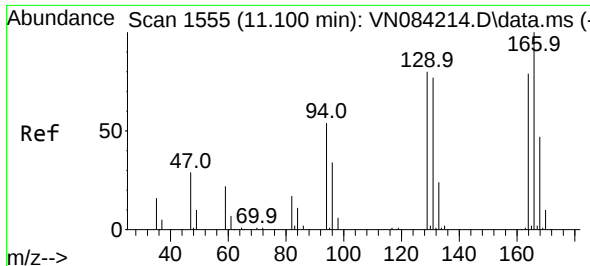
Tgt Ion: 95 Resp: 122648
Ion Ratio Lower Upper
95 100
174 71.9 0.0 145.2
176 69.8 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 117 Resp: 251318
Ion Ratio Lower Upper
117 100
82 59.2 47.2 70.8
119 31.8 25.4 38.0

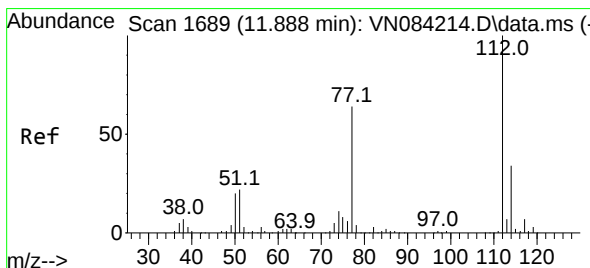
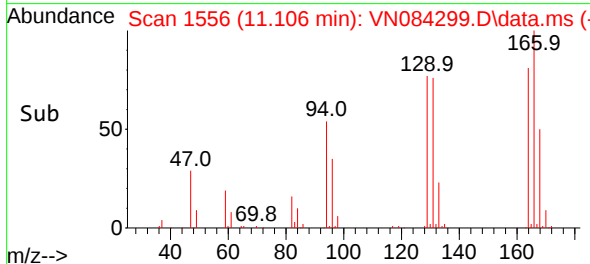
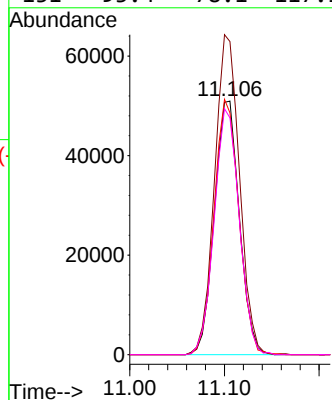
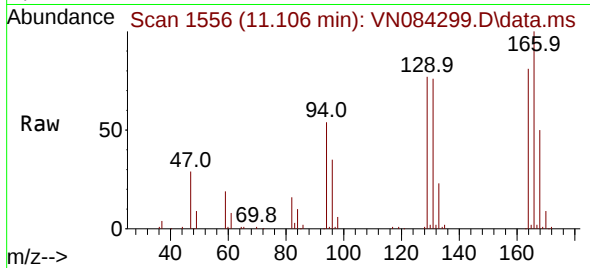




#64
Tetrachloroethene
Concen: 53.393 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

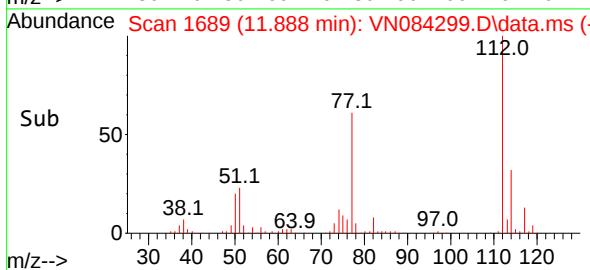
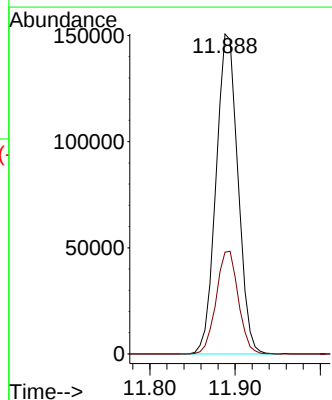
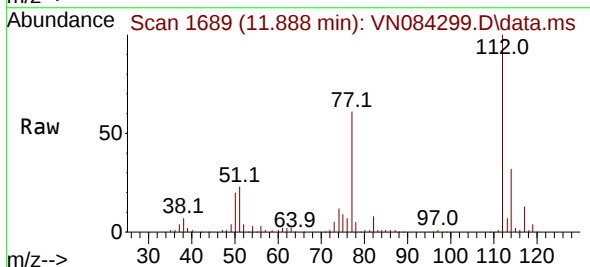
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

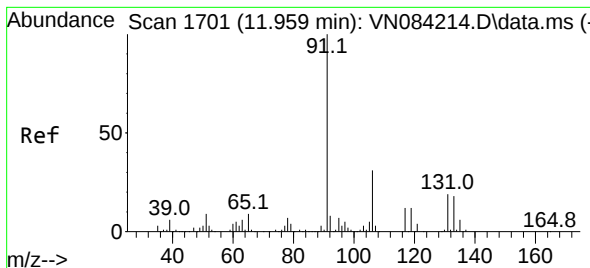
Tgt Ion:164	Resp:	93463
Ion	Ratio	Lower Upper
164	100	
166	123.5	101.0 151.4
129	95.4	80.8 121.2
131	93.4	78.1 117.1



#65
Chlorobenzene
Concen: 48.258 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion:112	Resp:	268911
Ion	Ratio	Lower Upper
112	100	
114	31.8	27.0 40.6

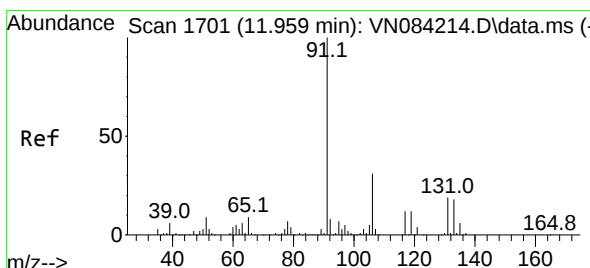
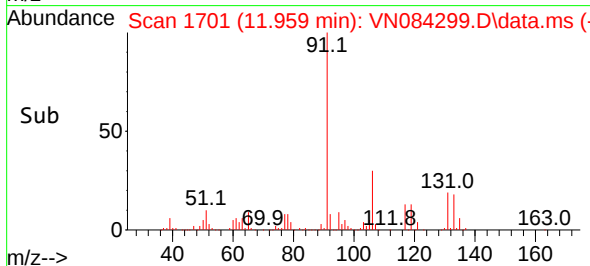
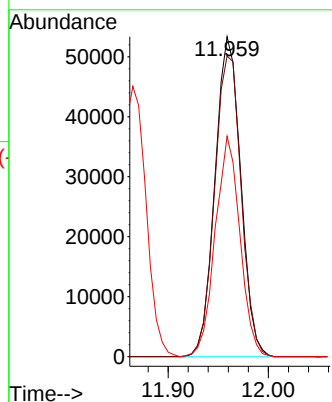
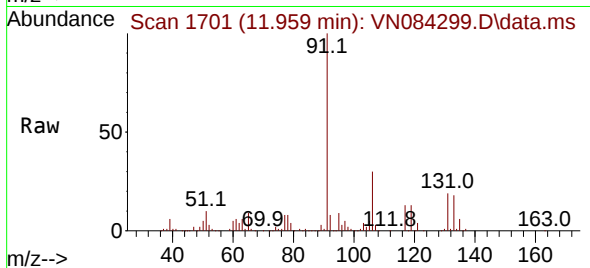




#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.542 ug/l
 RT: 11.959 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN084299.D
 Acq: 03 Oct 2024 15:27

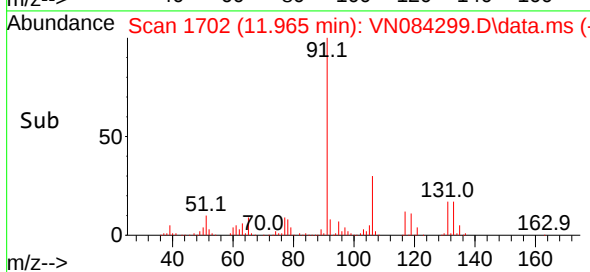
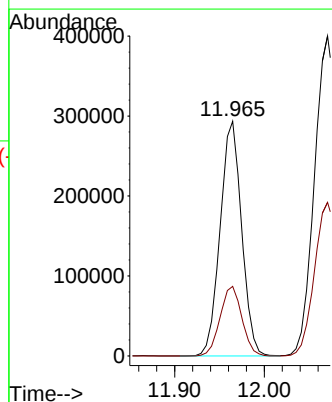
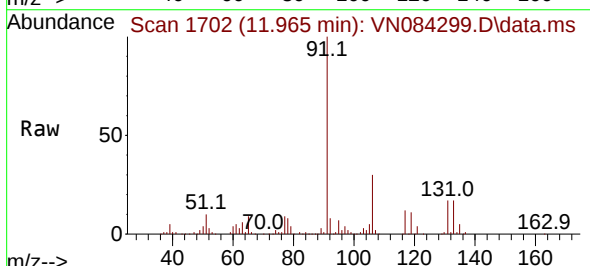
Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927MSD

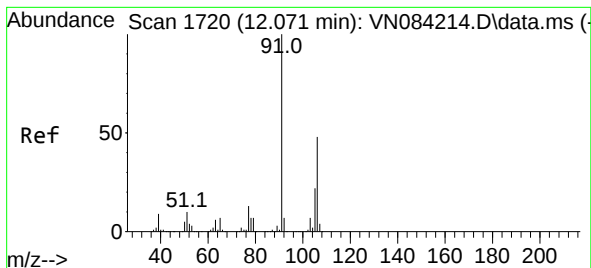
Tgt Ion:131 Resp: 95087
 Ion Ratio Lower Upper
 131 100
 133 97.2 47.9 143.7
 119 66.3 32.8 98.3



#67
 Ethyl Benzene
 Concen: 49.508 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.006 min
 Lab File: VN084299.D
 Acq: 03 Oct 2024 15:27

Tgt Ion: 91 Resp: 487881
 Ion Ratio Lower Upper
 91 100
 106 29.6 24.5 36.7

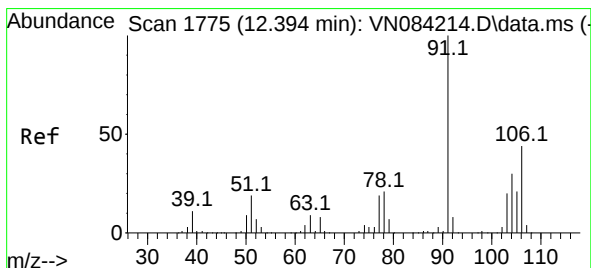
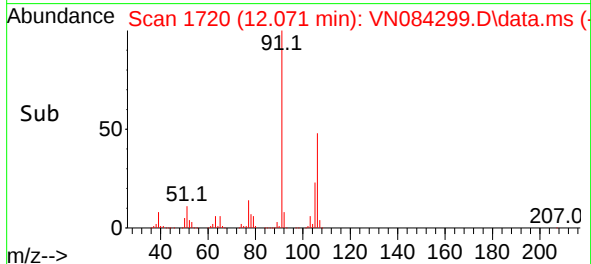
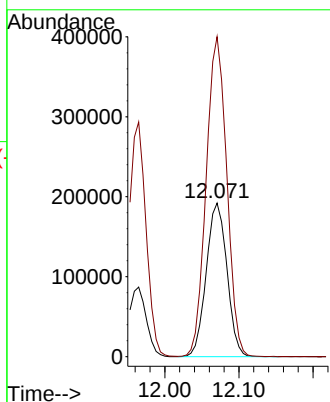
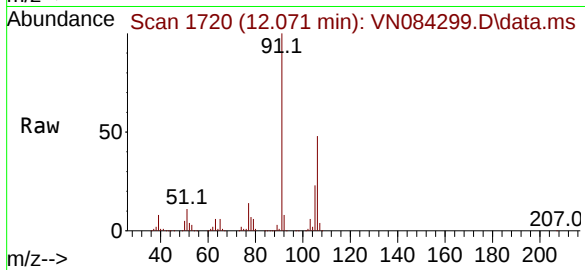




#68
m/p-Xylenes
Concen: 102.235 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

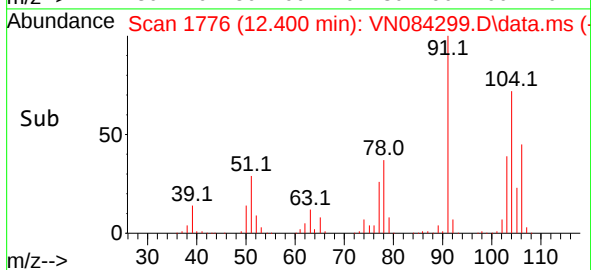
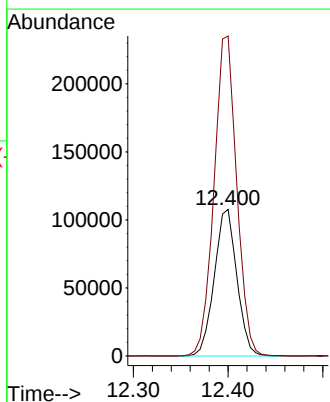
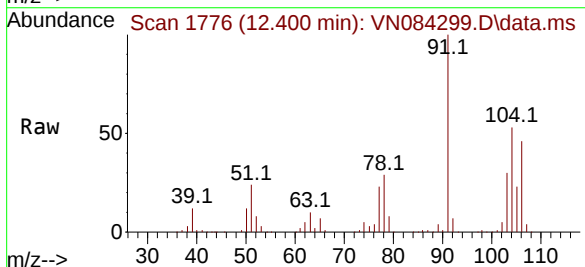
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

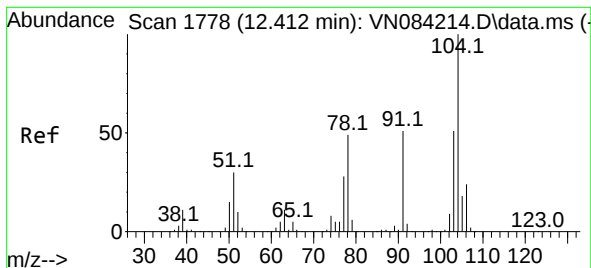
Tgt Ion:106 Resp: 372671
Ion Ratio Lower Upper
106 100
91 207.4 167.1 250.7



#69
o-Xylene
Concen: 51.686 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion:106 Resp: 178257
Ion Ratio Lower Upper
106 100
91 219.9 110.2 330.6





#70

Styrene

Concen: 52.434 ug/l

RT: 12.412 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MSD

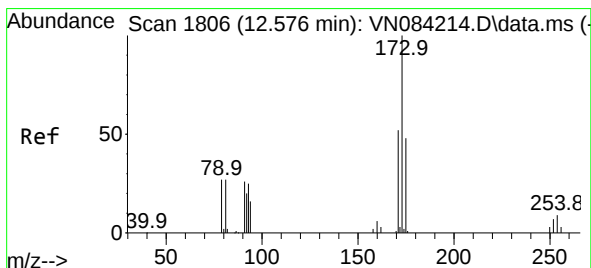
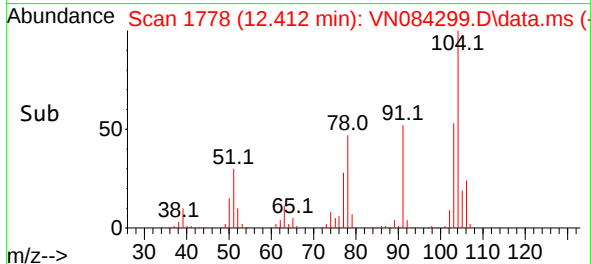
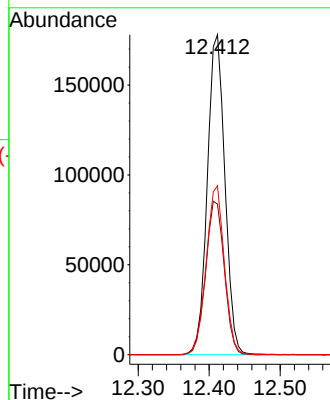
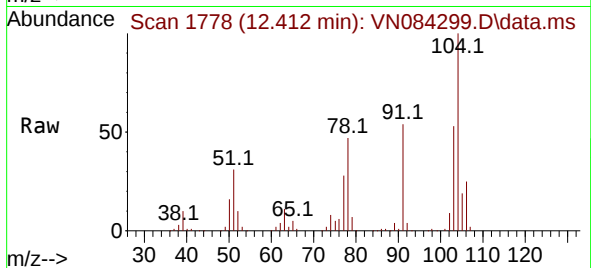
Tgt Ion:104 Resp: 306300

Ion Ratio Lower Upper

104 100

78 51.3 42.7 64.1

103 54.6 43.6 65.4



#71

Bromoform

Concen: 51.555 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

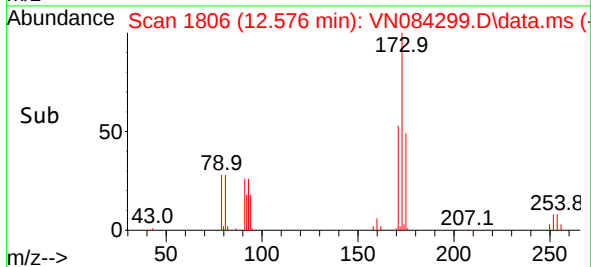
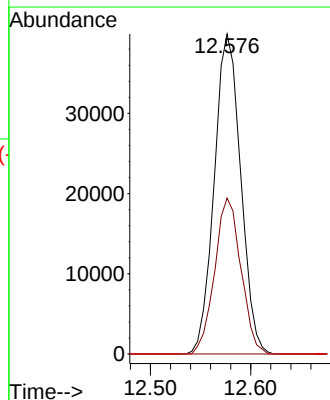
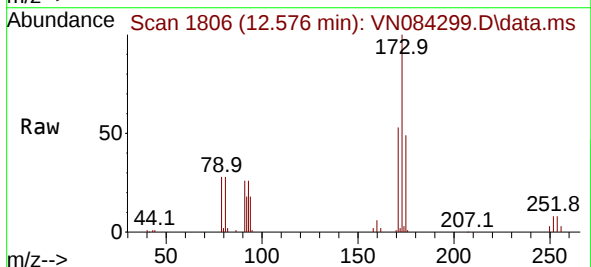
Tgt Ion:173 Resp: 72850

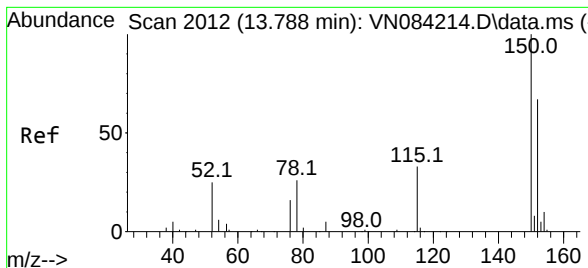
Ion Ratio Lower Upper

173 100

175 48.3 23.5 70.6

254 0.0 0.0 0.0

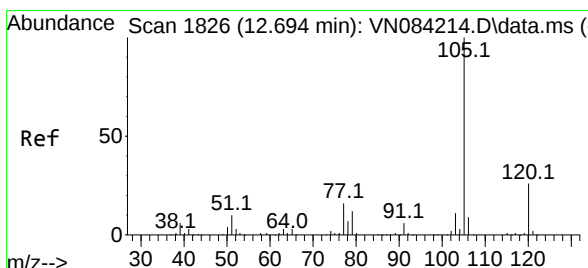
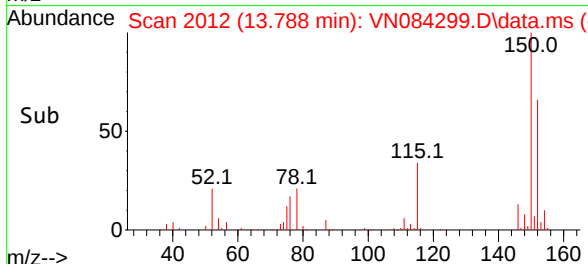
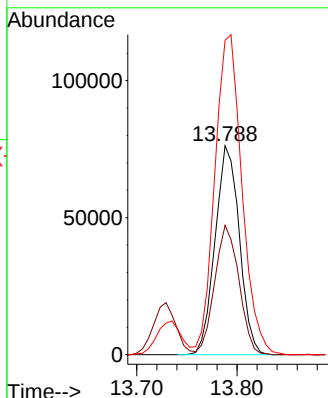
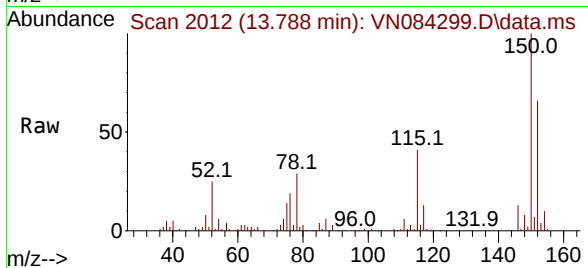




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

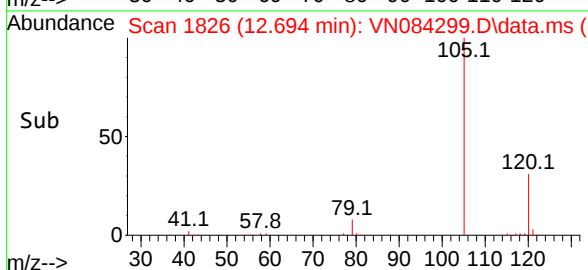
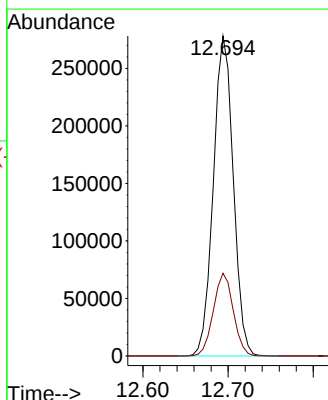
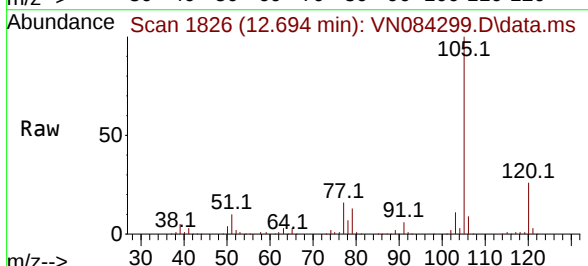
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

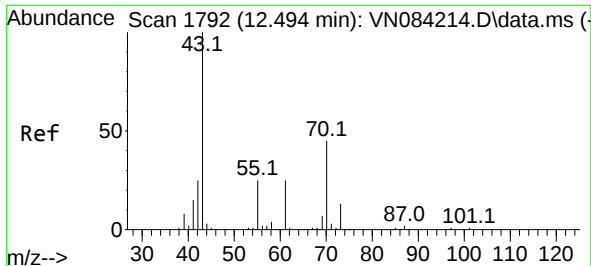
Tgt Ion:152 Resp: 127806
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.9
150 171.7 0.0 349.8



#73
Isopropylbenzene
Concen: 46.426 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion:105 Resp: 452784
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7

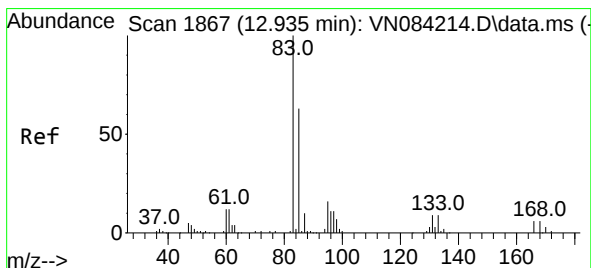
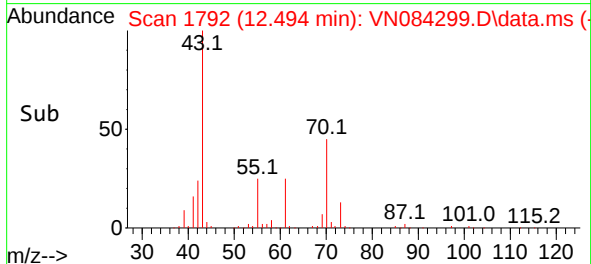
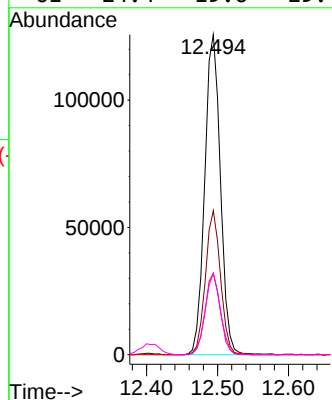
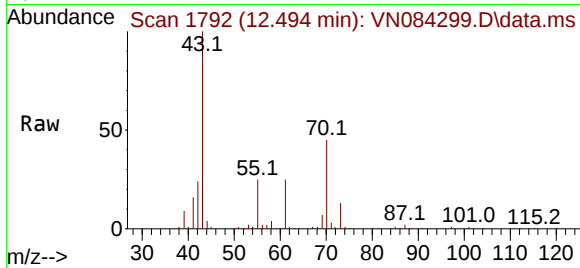




#74
N-amy1 acetate
Concen: 43.802 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

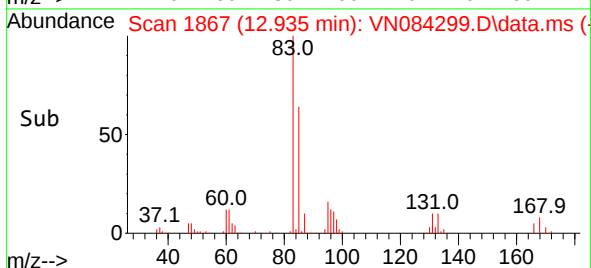
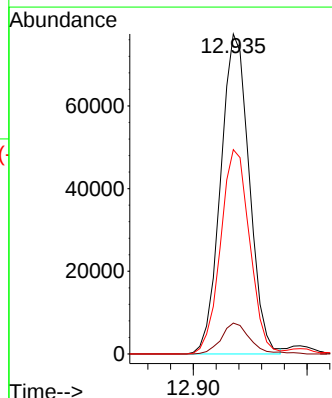
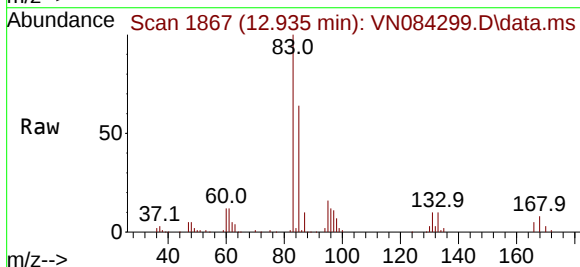
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

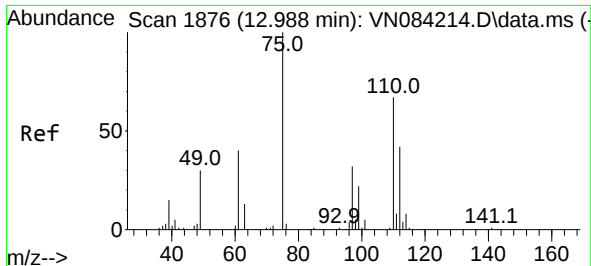
Tgt Ion: 43	Resp: 193448
Ion Ratio	Lower Upper
43 100	
70 43.3	34.4 51.6
55 25.1	19.6 29.4
61 24.4	19.6 29.4



#75
1,1,2,2-Tetrachloroethane
Concen: 46.104 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 83	Resp: 135203
Ion Ratio	Lower Upper
83 100	
131 9.7	4.9 14.7
85 65.0	31.9 95.7

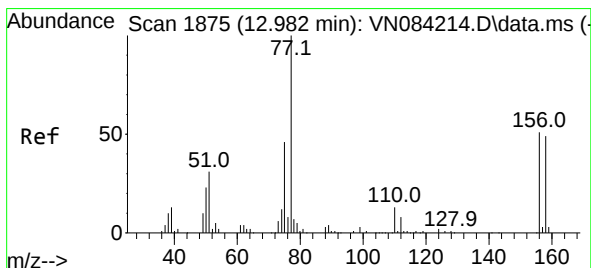
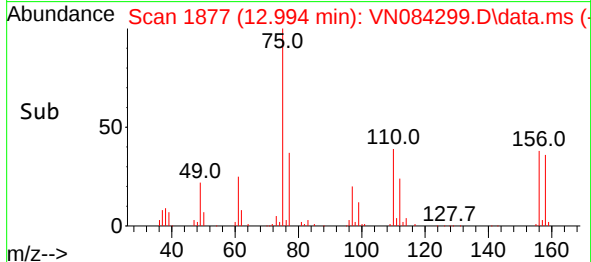
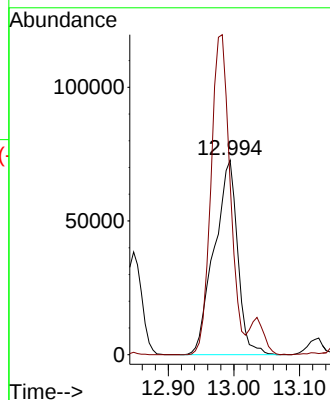
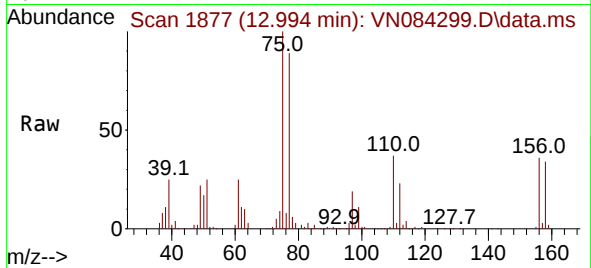




#76
1,2,3-Trichloropropane
Concen: 68.931 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

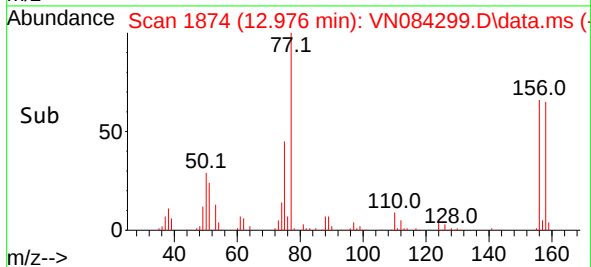
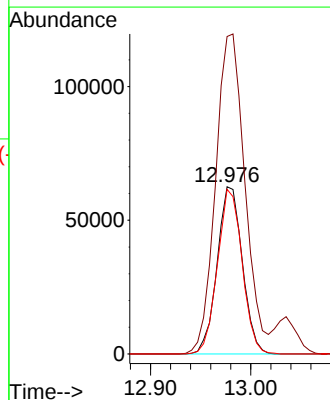
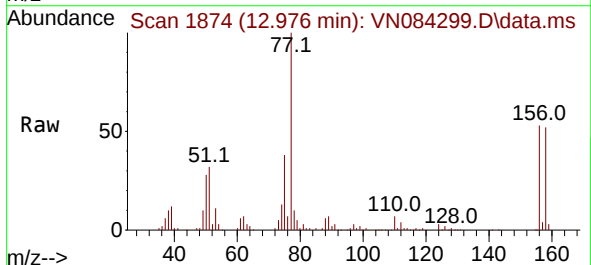
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

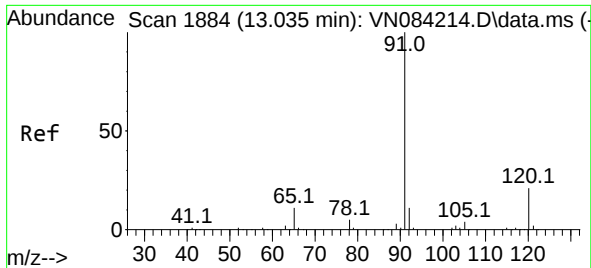
Tgt Ion: 75 Resp: 179854
Ion Ratio Lower Upper
75 100
77 135.1 96.9 290.7



#77
Bromobenzene
Concen: 46.378 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion:156 Resp: 109103
Ion Ratio Lower Upper
156 100
77 222.7 115.1 345.3
158 96.2 48.9 146.8

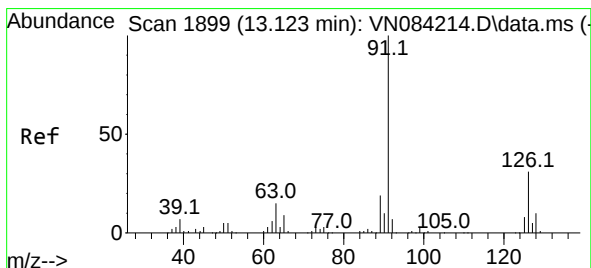
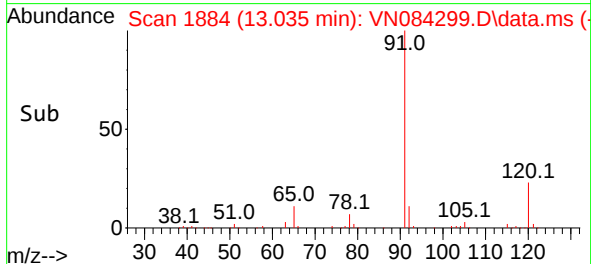
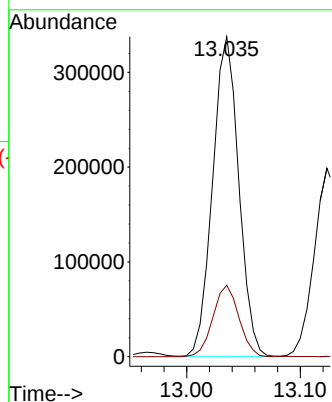
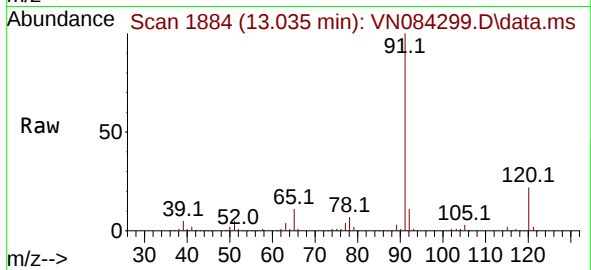




#78
n-propylbenzene
Concen: 47.673 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

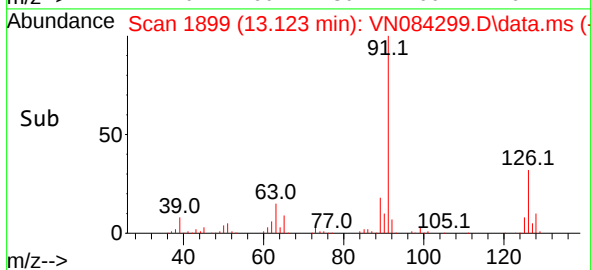
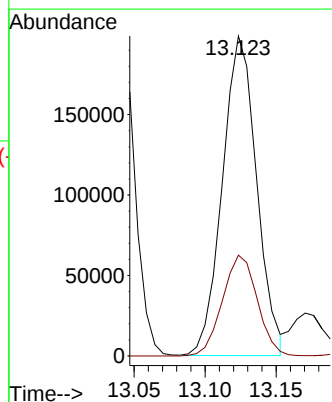
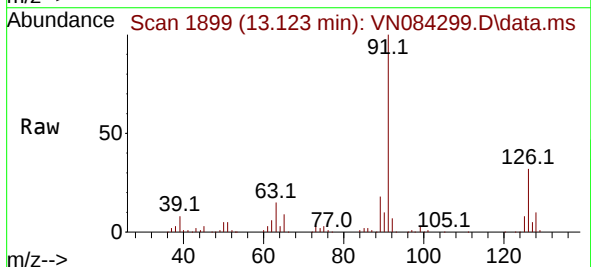
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

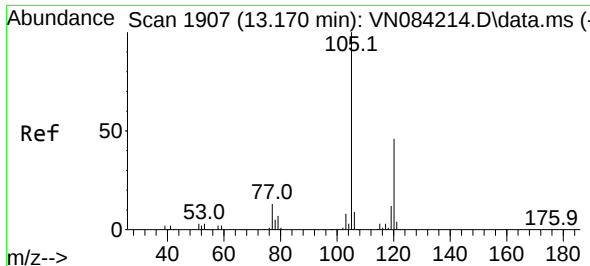
Tgt Ion: 91 Resp: 538687
Ion Ratio Lower Upper
91 100
120 22.2 10.8 32.4



#79
2-Chlorotoluene
Concen: 46.213 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 91 Resp: 333215
Ion Ratio Lower Upper
91 100
126 32.0 15.7 47.1

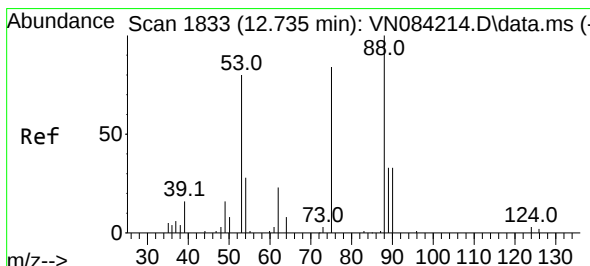
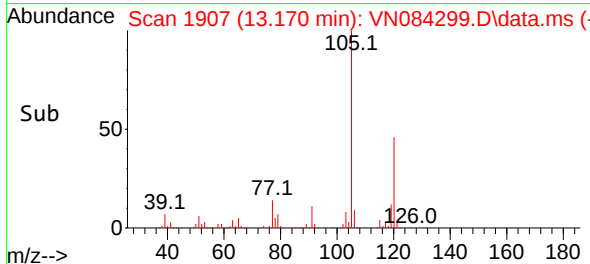
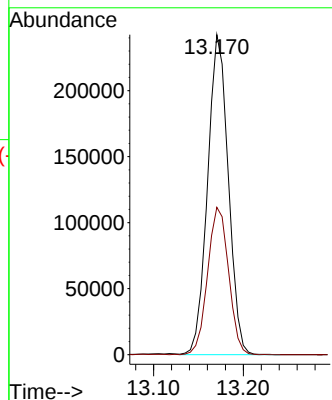
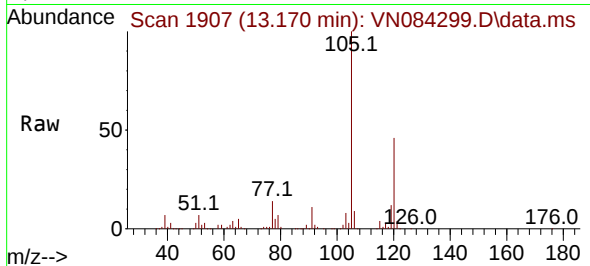




#80
1,3,5-Trimethylbenzene
Concen: 48.745 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

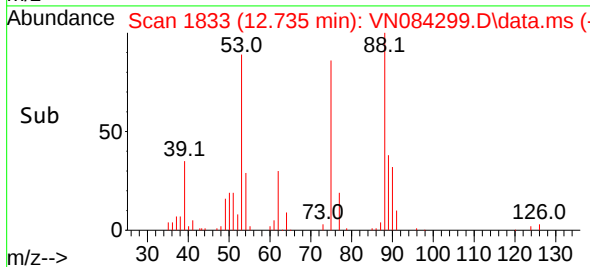
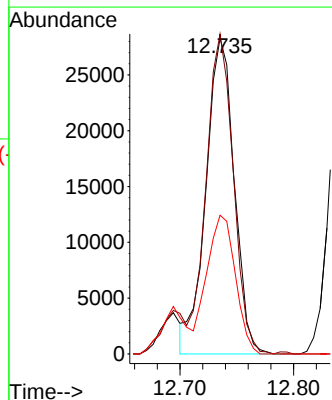
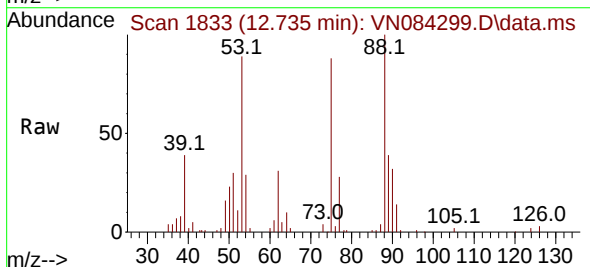
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

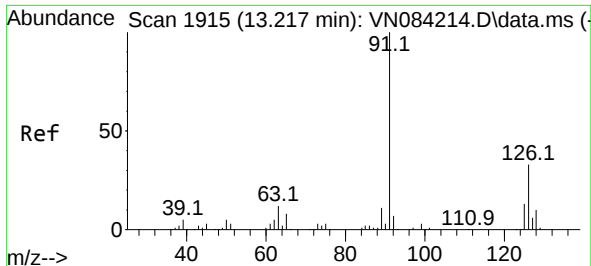
Tgt Ion:105 Resp: 387789
Ion Ratio Lower Upper
105 100
120 46.8 23.7 71.1



#81
trans-1,4-Dichloro-2-butene
Concen: 45.093 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 75 Resp: 49076
Ion Ratio Lower Upper
75 100
53 96.6 78.0 117.0
89 44.1 35.5 53.3

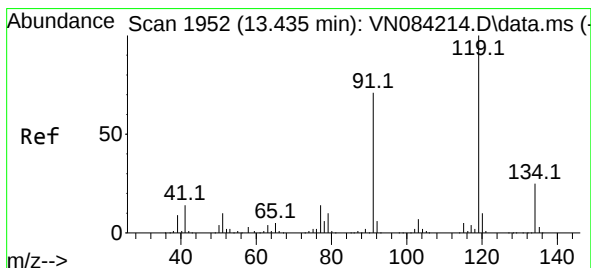
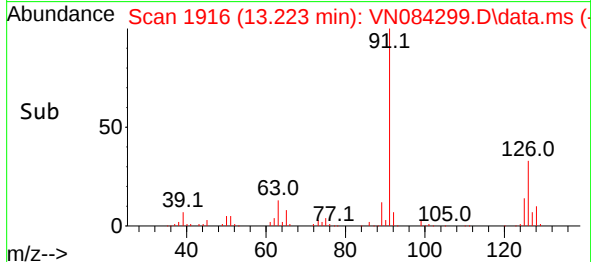
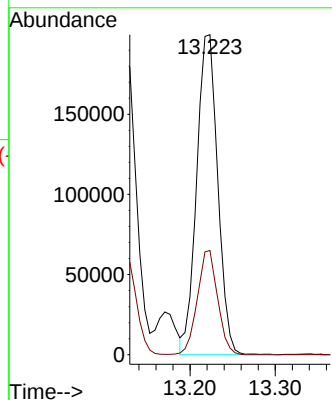
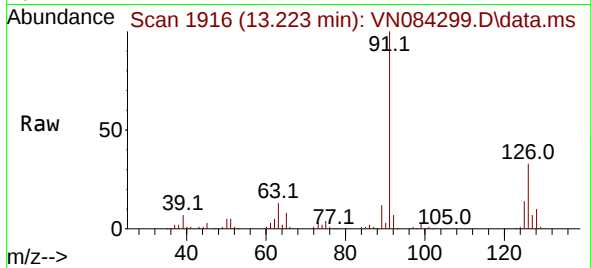




#82
4-Chlorotoluene
Concen: 47.181 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

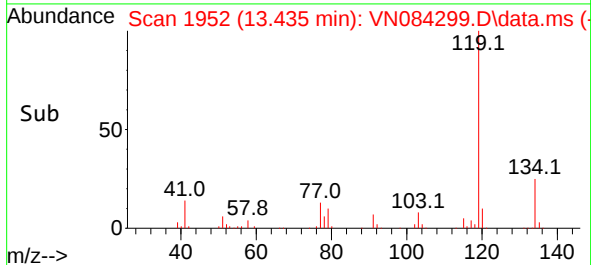
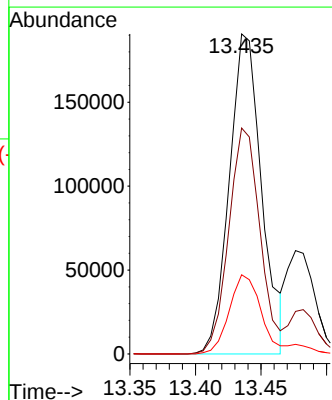
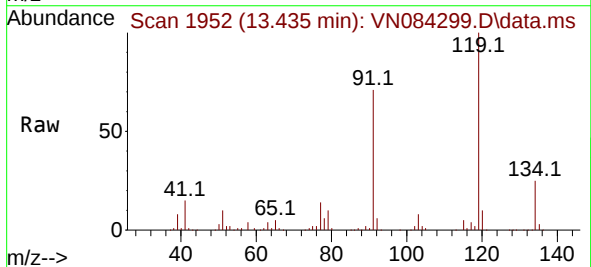
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

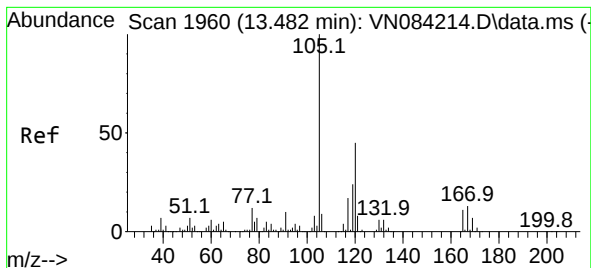
Tgt Ion: 91 Resp: 342462
Ion Ratio Lower Upper
91 100
126 31.5 15.7 47.1



#83
tert-Butylbenzene
Concen: 46.337 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion: 119 Resp: 327641
Ion Ratio Lower Upper
119 100
91 68.4 34.1 102.3
134 26.2 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 48.958 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

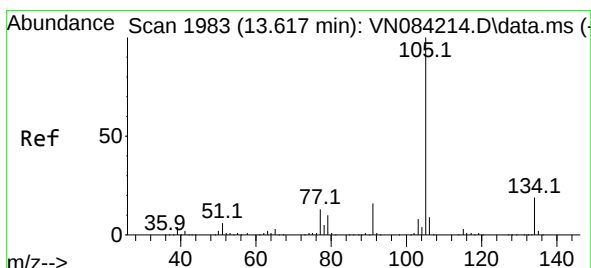
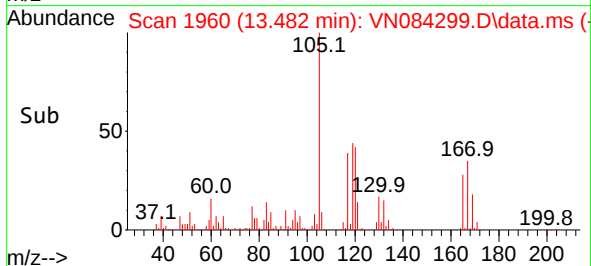
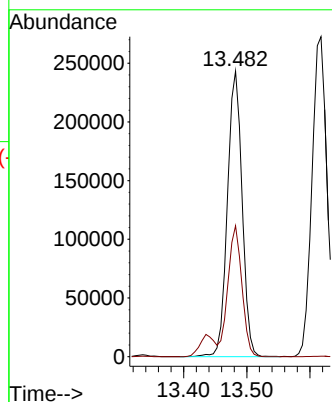
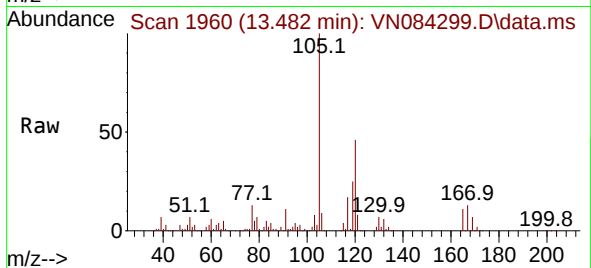
RW4-20240927MSD

Tgt Ion:105 Resp: 392360

Ion Ratio Lower Upper

105 100

120 43.8 22.3 66.8



#85

sec-Butylbenzene

Concen: 47.793 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN084299.D

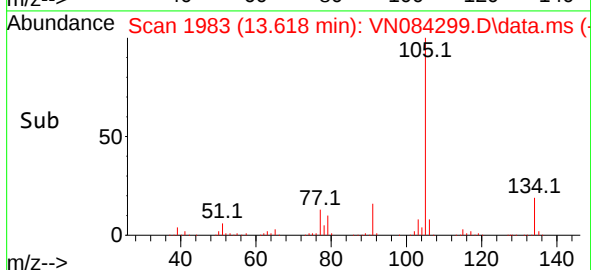
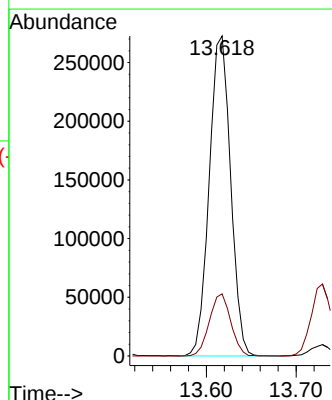
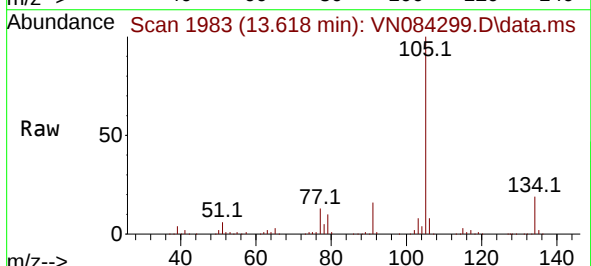
Acq: 03 Oct 2024 15:27

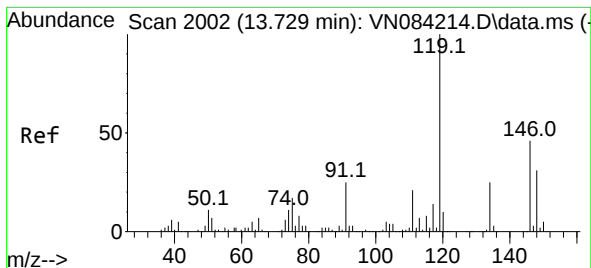
Tgt Ion:105 Resp: 450953

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.4





#86

p-Isopropyltoluene

Concen: 48.518 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MSD

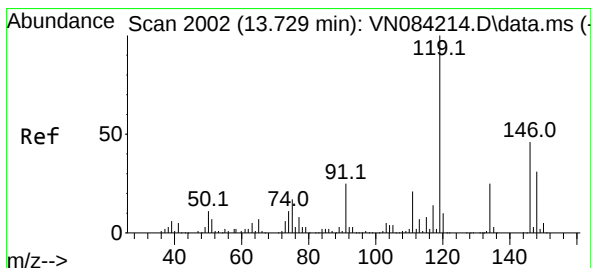
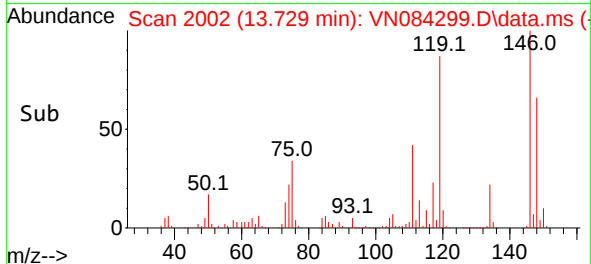
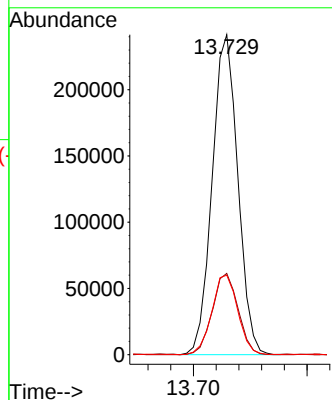
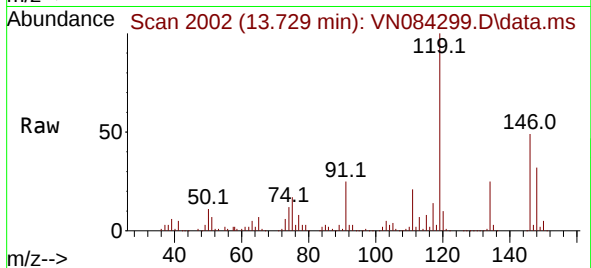
Tgt Ion:119 Resp: 378551

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 25.2 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 45.501 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

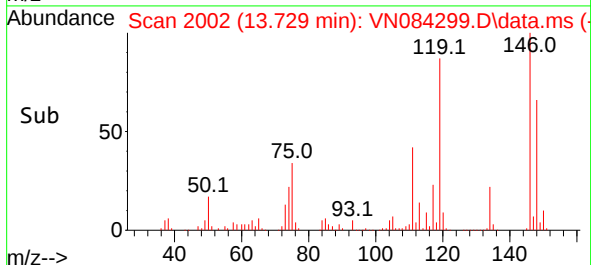
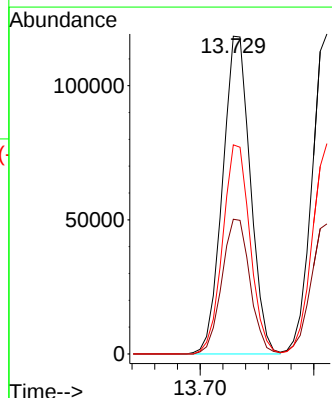
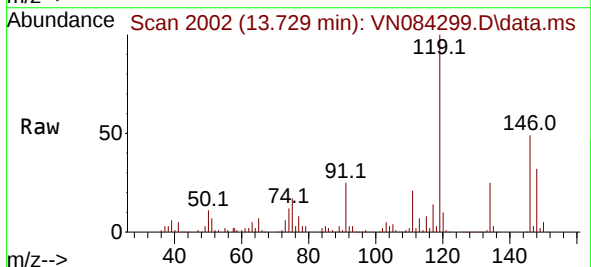
Tgt Ion:146 Resp: 200808

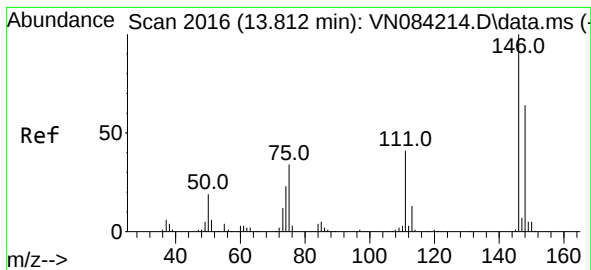
Ion Ratio Lower Upper

146 100

111 42.8 21.8 65.3

148 64.9 31.9 95.7





#88

1,4-Dichlorobenzene

Concen: 45.471 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MSD

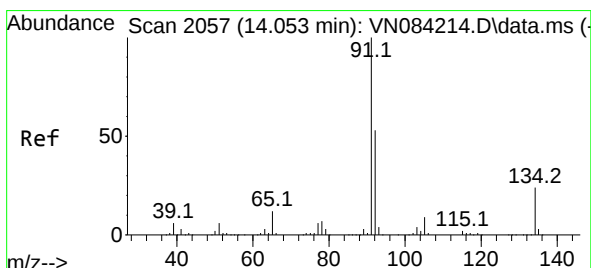
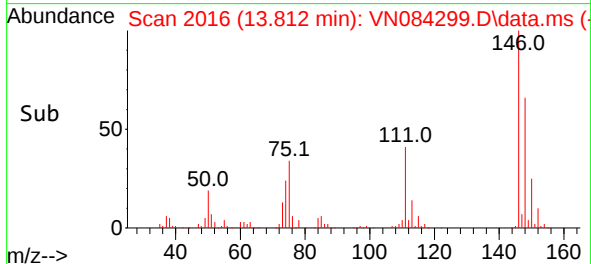
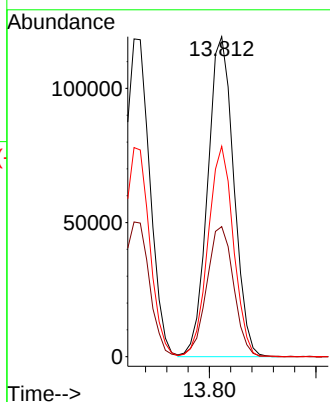
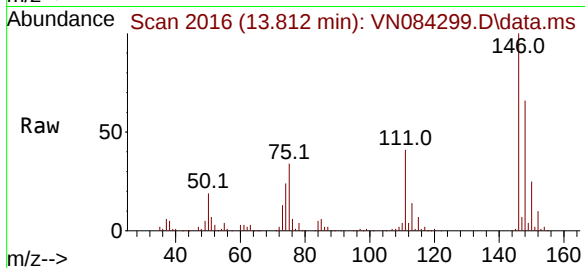
Tgt Ion:146 Resp: 202655

Ion Ratio Lower Upper

146 100

111 42.1 21.2 63.6

148 64.1 31.9 95.9



#89

n-Butylbenzene

Concen: 46.248 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

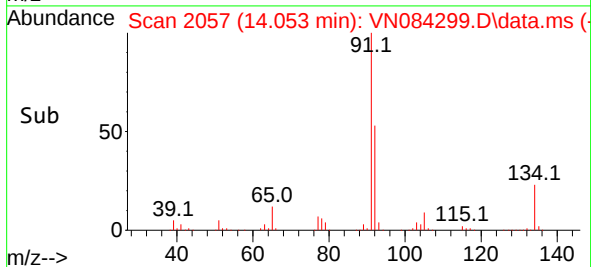
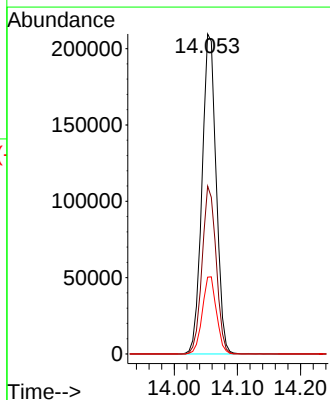
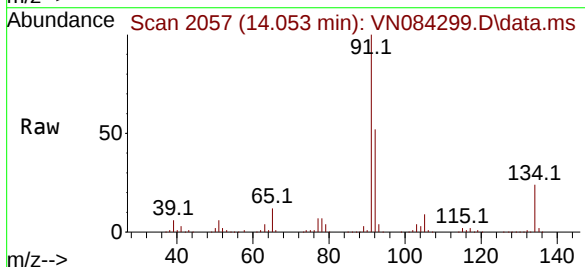
Tgt Ion: 91 Resp: 327194

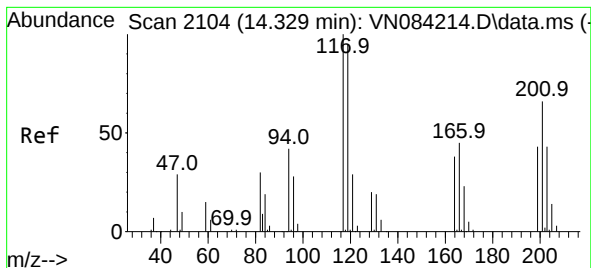
Ion Ratio Lower Upper

91 100

92 52.0 26.6 79.7

134 24.0 12.3 36.9





#90

Hexachloroethane

Concen: 44.291 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

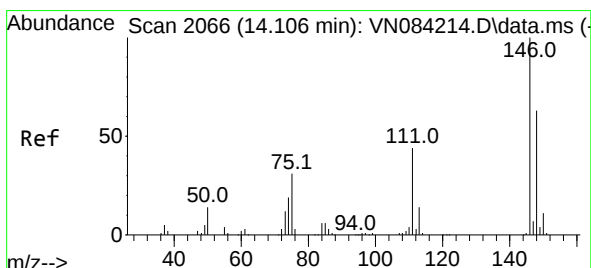
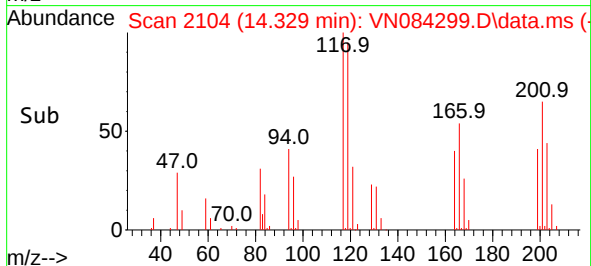
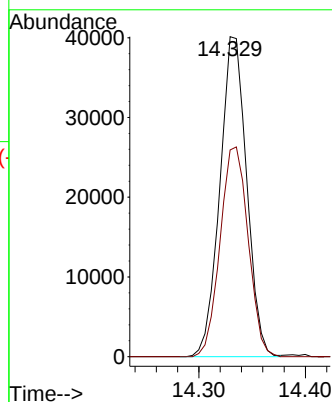
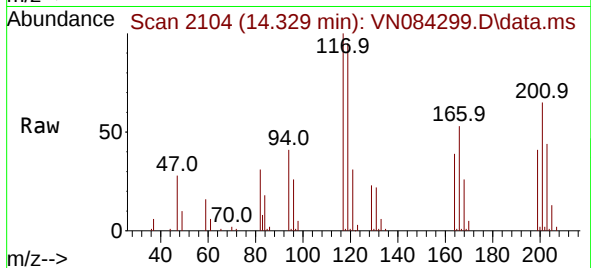
RW4-20240927MSD

Tgt Ion:117 Resp: 70146

Ion Ratio Lower Upper

117 100

201 68.5 34.4 103.2



#91

1,2-Dichlorobenzene

Concen: 45.593 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

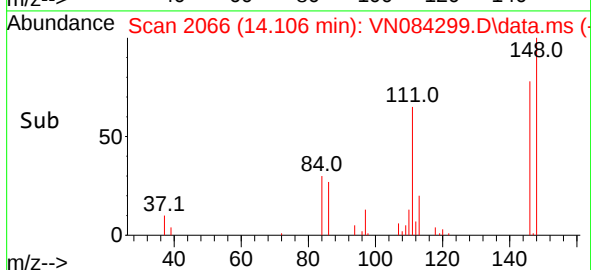
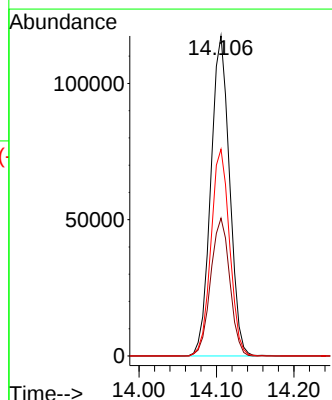
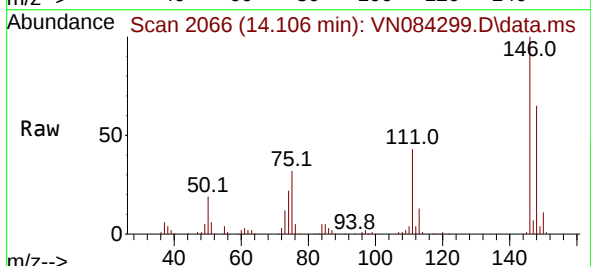
Tgt Ion:146 Resp: 197301

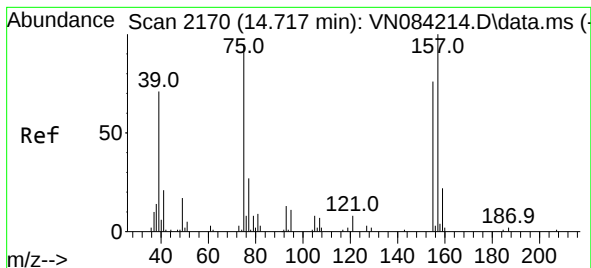
Ion Ratio Lower Upper

146 100

111 43.8 22.0 66.0

148 64.1 32.1 96.3

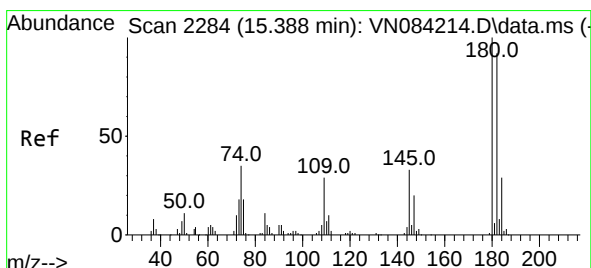
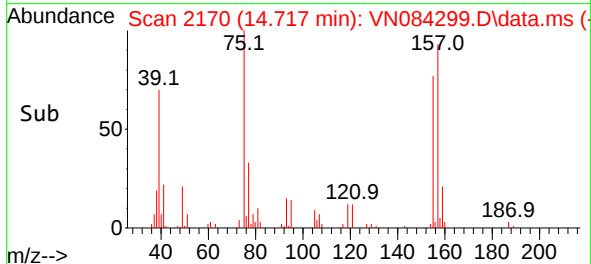
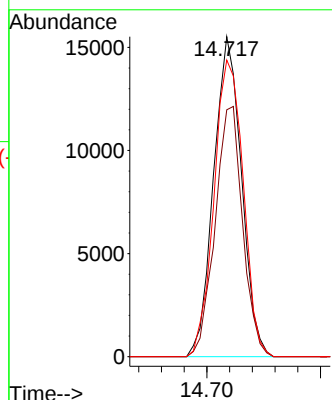
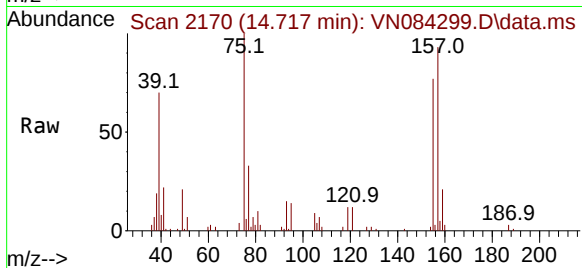




#92
1,2-Dibromo-3-Chloropropane
Concen: 43.679 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

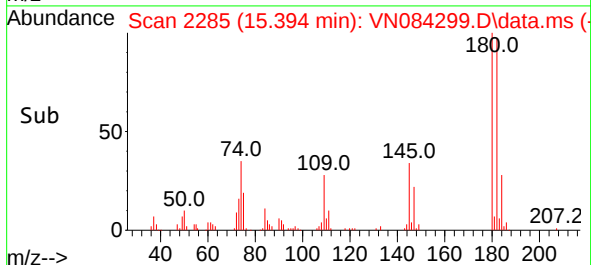
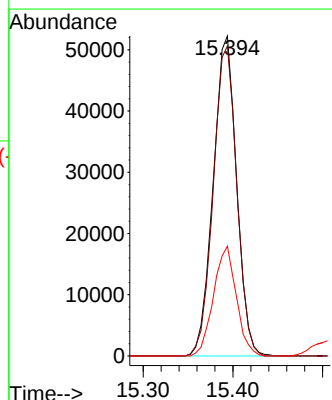
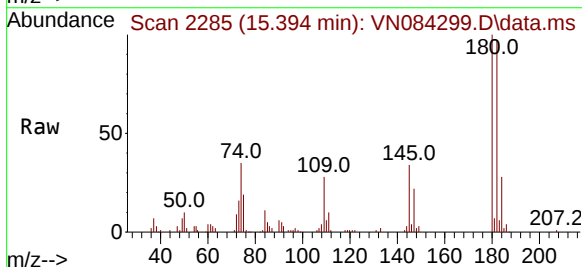
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MSD

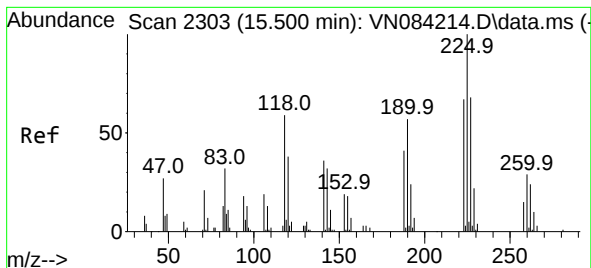
Tgt Ion: 75 Resp: 26433
Ion Ratio Lower Upper
75 100
155 77.3 38.1 114.5
157 97.3 49.6 149.0



#93
1,2,4-Trichlorobenzene
Concen: 44.285 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN084299.D
Acq: 03 Oct 2024 15:27

Tgt Ion:180 Resp: 94392
Ion Ratio Lower Upper
180 100
182 97.3 47.0 141.0
145 33.5 16.4 49.4





#94

Hexachlorobutadiene

Concen: 39.229 ug/l

RT: 15.500 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MSD

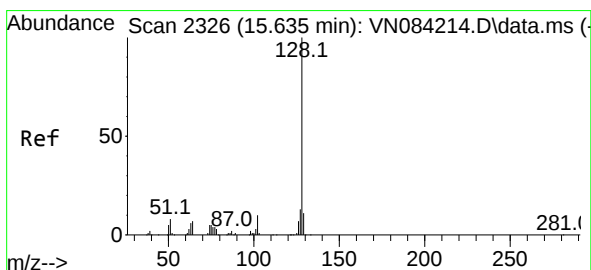
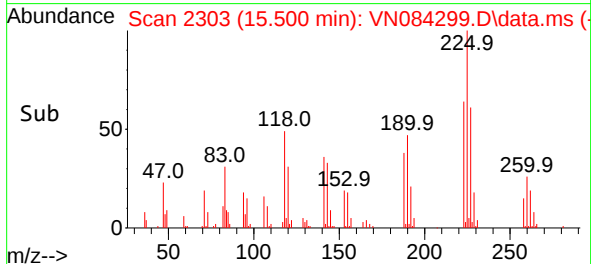
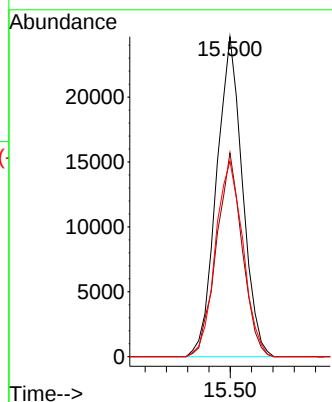
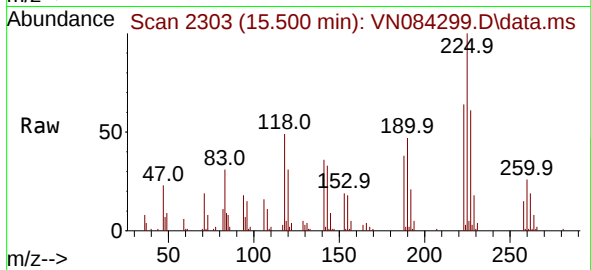
Tgt Ion:225 Resp: 41699

Ion Ratio Lower Upper

225 100

223 63.0 32.4 97.2

227 65.0 32.4 97.0



#95

Naphthalene

Concen: 43.119 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084299.D

Acq: 03 Oct 2024 15:27

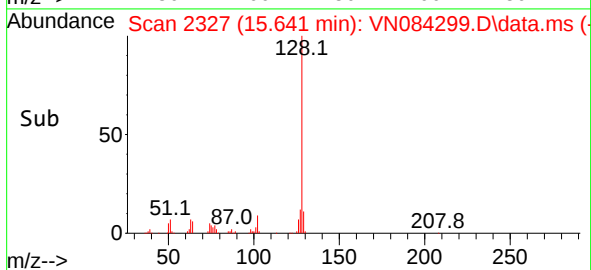
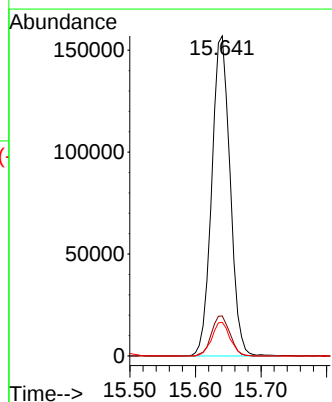
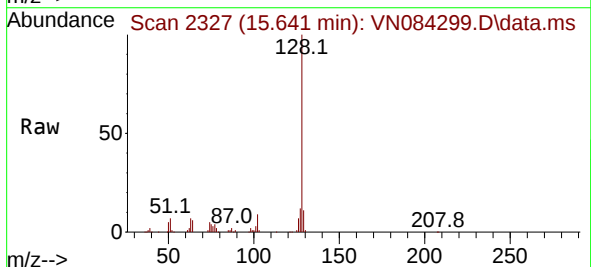
Tgt Ion:128 Resp: 304688

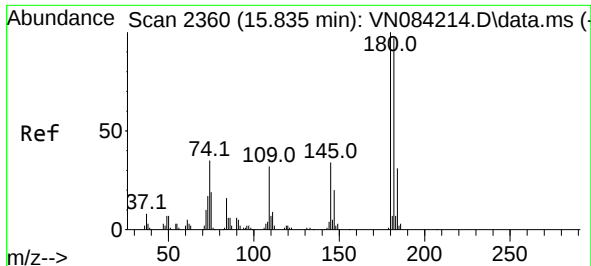
Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

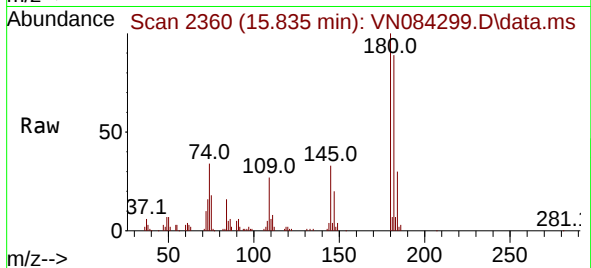
129 10.5 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 43.807 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN084299.D
 Acq: 03 Oct 2024 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927MSD



Tgt Ion:	180	Resp:	93466
Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.2	144.6
145	34.6	17.3	51.9

