

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083522.D
 Acq On : 27 Aug 2024 20:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 28 01:53:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	129767	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	232416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	204125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111511	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108479	58.730	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.460%	
35) Dibromofluoromethane	8.171	113	80869	55.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.500%	
50) Toluene-d8	10.565	98	286395	52.924	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.840%	
62) 4-Bromofluorobenzene	12.847	95	117240	55.572	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	70209	47.710	ug/l	97
3) Chloromethane	2.359	50	82374	54.676	ug/l	98
4) Vinyl Chloride	2.512	62	89134	57.981	ug/l	99
5) Bromomethane	2.901	94	44887	47.056	ug/l	97
6) Chloroethane	3.059	64	60494	62.897	ug/l	99
7) Trichlorofluoromethane	3.459	101	157804	62.137	ug/l	99
8) Diethyl Ether	3.953	74	58382	61.779	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.348	101	85229	60.871	ug/l	98
10) Methyl Iodide	4.577	142	118269	64.213	ug/l	95
11) Tert butyl alcohol	5.547	59	126429	329.363	ug/l	99
12) 1,1-Dichloroethene	4.324	96	83392	57.972	ug/l	91
13) Acrolein	4.171	56	73520	293.871	ug/l	98
14) Allyl chloride	5.012	41	158658	58.365	ug/l	90
15) Acrylonitrile	5.718	53	258691	327.681	ug/l	99
16) Acetone	4.430	43	210773	291.623	ug/l	98
17) Carbon Disulfide	4.695	76	200891	47.728	ug/l	99
18) Methyl Acetate	5.024	43	142089	65.983	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	335787	64.671	ug/l	96
20) Methylene Chloride	5.265	84	98953	59.489	ug/l	85
21) trans-1,2-Dichloroethene	5.777	96	86672	58.296	ug/l	95
22) Diisopropyl ether	6.671	45	338048	66.157	ug/l	98
23) Vinyl Acetate	6.600	43	1797056	343.115	ug/l	95
24) 1,1-Dichloroethane	6.565	63	185090	66.455	ug/l	100
25) 2-Butanone	7.483	43	354510	319.443	ug/l	94
26) 2,2-Dichloropropane	7.483	77	129402	50.029	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	110741	61.726	ug/l	94
28) Bromochloromethane	7.812	49	66348	58.290	ug/l	85
29) Tetrahydrofuran	7.841	42	234623	327.048	ug/l	88
30) Chloroform	7.965	83	194522	67.225	ug/l	94
31) Cyclohexane	8.253	56	148554	54.271	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	179697	65.608	ug/l	97
36) 1,1-Dichloropropene	8.371	75	128643	58.621	ug/l	99
37) Ethyl Acetate	7.559	43	146382	59.575	ug/l	# 94
38) Carbon Tetrachloride	8.359	117	155453	62.893	ug/l	99
39) Methylcyclohexane	9.600	83	146958	54.522	ug/l	96
40) Benzene	8.606	78	405691	62.056	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	83131	59.504	ug/l	96
42) 1,2-Dichloroethane	8.671	62	155971	65.494	ug/l	100
43) Isopropyl Acetate	8.688	43	352412	86.048	ug/l	93
44) Trichloroethene	9.353	130	92642	59.536	ug/l	93
45) 1,2-Dichloropropane	9.624	63	99480	64.106	ug/l	98
46) Dibromomethane	9.712	93	72289	65.082	ug/l	100
47) Bromodichloromethane	9.888	83	157122	63.000	ug/l	99
48) Methyl methacrylate	9.683	41	123811	60.949	ug/l	92
49) 1,4-Dioxane	9.700	88	46628	1272.305	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	753414	324.255	ug/l	95
52) Toluene	10.630	92	256766	62.162	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	159257	62.165	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	162823	59.754	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	98238	66.364	ug/l	97
56) Ethyl methacrylate	10.877	69	175176	62.773	ug/l	90
57) 1,3-Dichloropropane	11.165	76	171094	64.845	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	339921	288.168	ug/l	97
59) 2-Hexanone	11.200	43	570589	317.423	ug/l	92
60) Dibromochloromethane	11.359	129	116809	65.266	ug/l	99
61) 1,2-Dibromoethane	11.471	107	98228	63.168	ug/l	96
64) Tetrachloroethene	11.106	164	80706	59.700	ug/l	97
65) Chlorobenzene	11.894	112	273042	60.529	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	97899	61.536	ug/l	99
67) Ethyl Benzene	11.965	91	501042	60.548	ug/l	99
68) m/p-Xylenes	12.071	106	372249	120.088	ug/l	97
69) o-Xylene	12.400	106	188199	61.558	ug/l	98
70) Styrene	12.412	104	315144	61.374	ug/l	98
71) Bromoform	12.576	173	77331	64.163	ug/l #	98
73) Isopropylbenzene	12.694	105	484843	51.982	ug/l	100
74) N-amyl acetate	12.494	43	239474	52.491	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	154121	58.423	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	201024	82.138	ug/l	41
77) Bromobenzene	12.982	156	109274	52.741	ug/l	95
78) n-propylbenzene	13.035	91	560089	52.150	ug/l	100
79) 2-Chlorotoluene	13.123	91	358847	52.701	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	412043	52.767	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	52432	46.602	ug/l	95
82) 4-Chlorotoluene	13.223	91	347142	50.826	ug/l	98
83) tert-Butylbenzene	13.441	119	364168	52.661	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	415815	52.839	ug/l	99
85) sec-Butylbenzene	13.618	105	494347	52.390	ug/l	99
86) p-Isopropyltoluene	13.729	119	408649	52.451	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	207710	53.278	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	208786	53.121	ug/l	97
89) n-Butylbenzene	14.059	91	348381	51.605	ug/l	99
90) Hexachloroethane	14.335	117	82556	54.847	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	215622	57.154	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	35896	56.075	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	111074	52.553	ug/l	99
94) Hexachlorobutadiene	15.500	225	45898	48.829	ug/l	97
95) Naphthalene	15.641	128	400700	53.521	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	111474	53.303	ug/l	98

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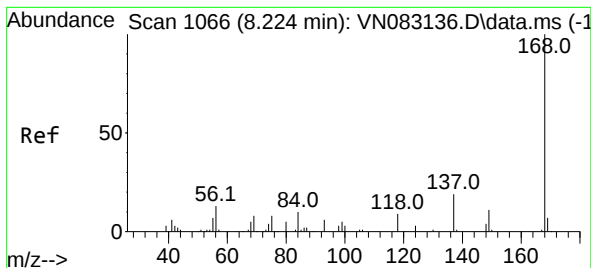
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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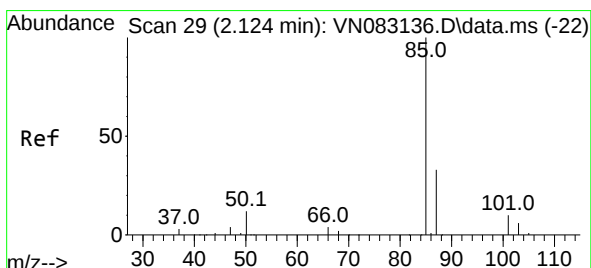
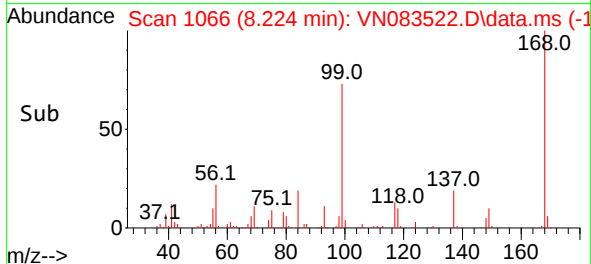
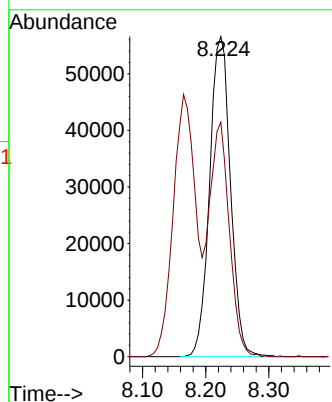
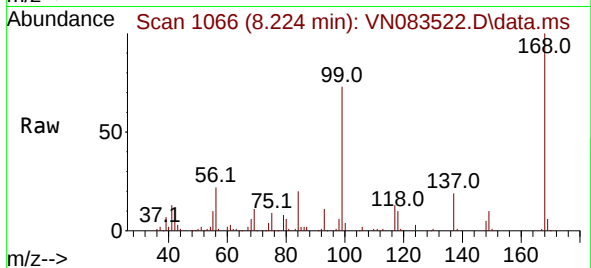




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

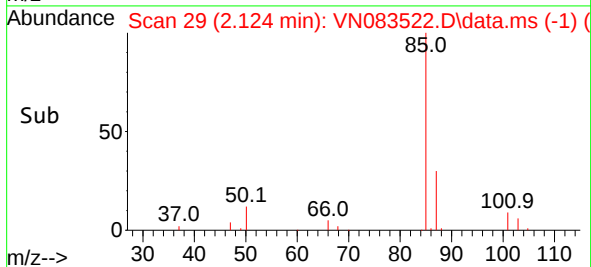
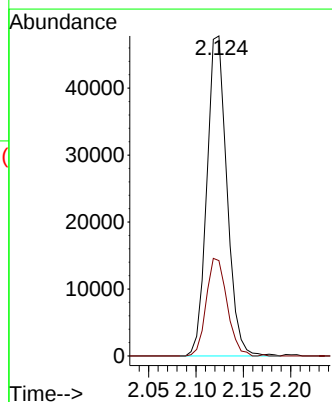
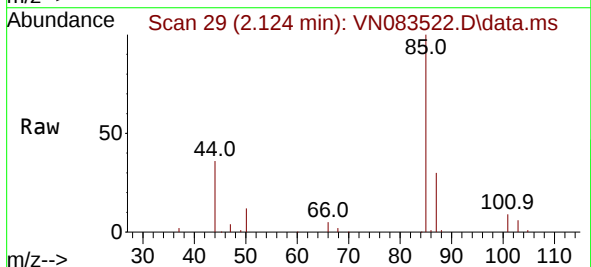
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 129767
Ion Ratio Lower Upper
168 100
99 73.0 48.2 72.4#



#2
Dichlorodifluoromethane
Concen: 47.710 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion: 85 Resp: 70209
Ion Ratio Lower Upper
85 100
87 29.8 15.7 47.0

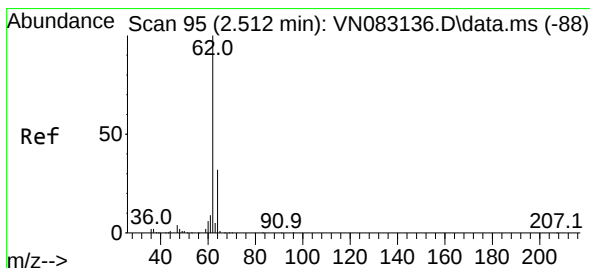
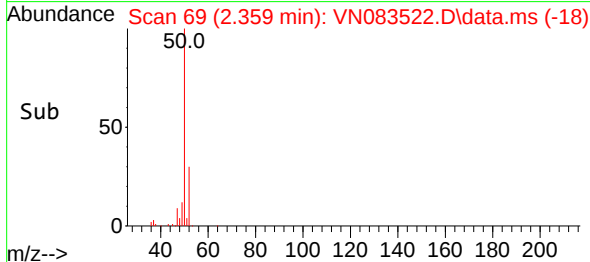
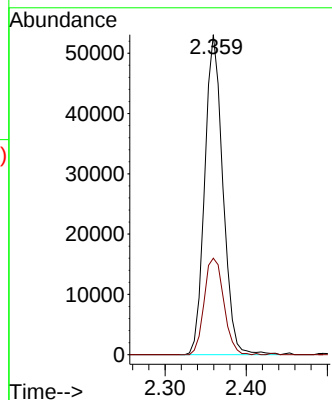
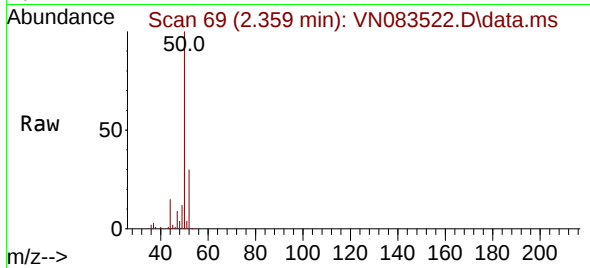




#3
Chloromethane
Concen: 54.676 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

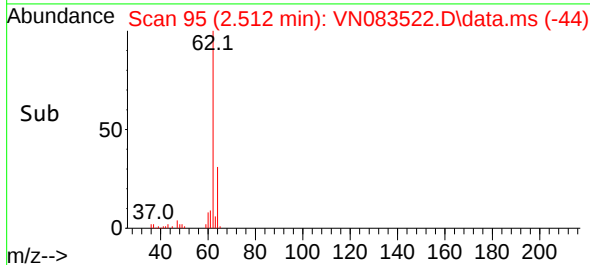
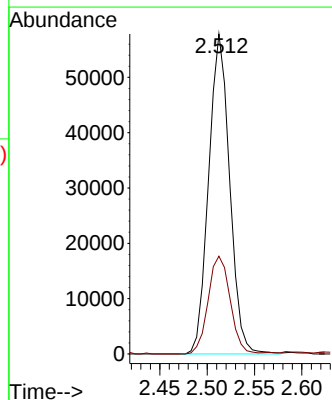
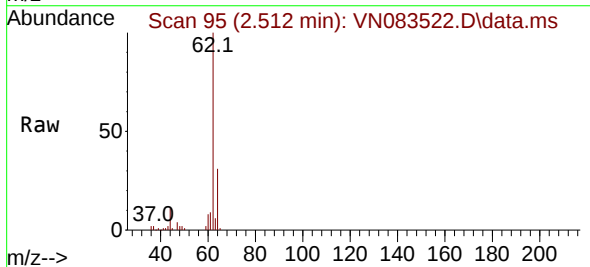
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 50 Resp: 82374
Ion Ratio Lower Upper
50 100
52 30.1 25.0 37.4



#4
Vinyl Chloride
Concen: 57.981 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion: 62 Resp: 89134
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.6

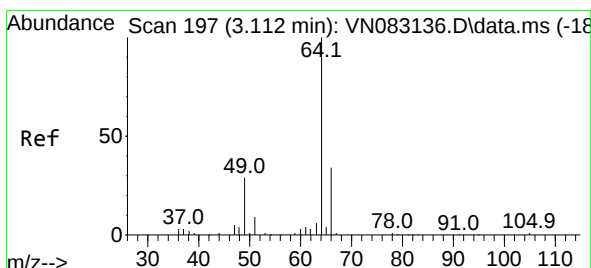
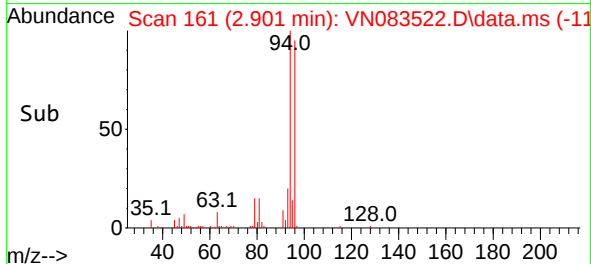
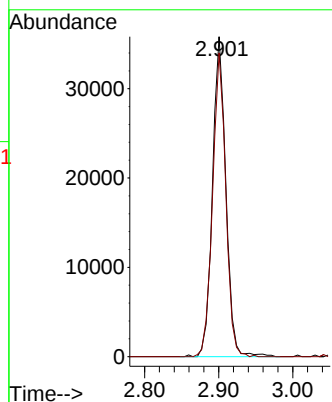
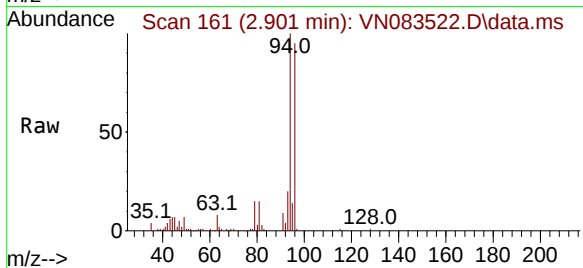




#5
Bromomethane
Concen: 47.056 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

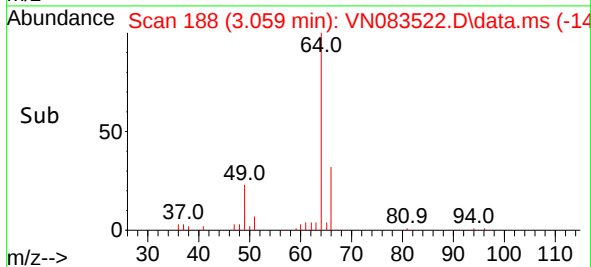
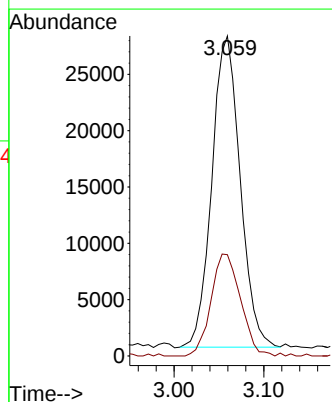
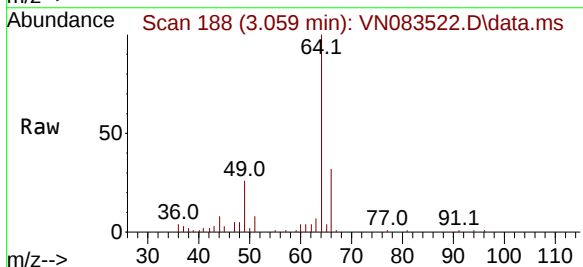
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MSVOA_N
ClientSampleId :

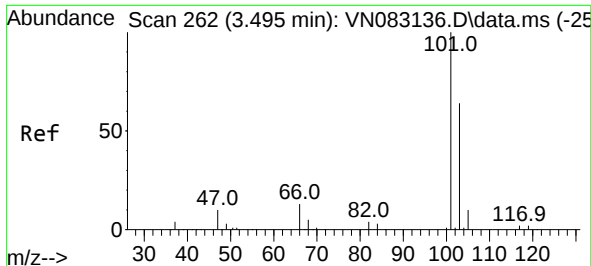
Tgt Ion: 94 Resp: 44887
Ion Ratio Lower Upper
94 100
96 94.9 78.0 117.0



#6
Chloroethane
Concen: 62.897 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.053 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

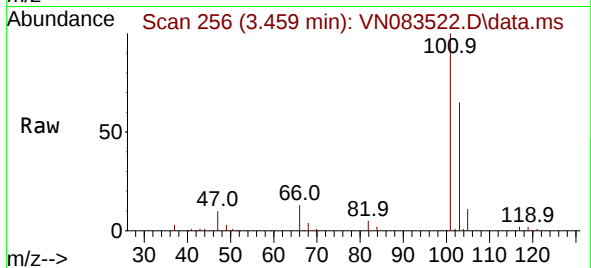
Tgt Ion: 64 Resp: 60494
Ion Ratio Lower Upper
64 100
66 32.5 26.6 40.0



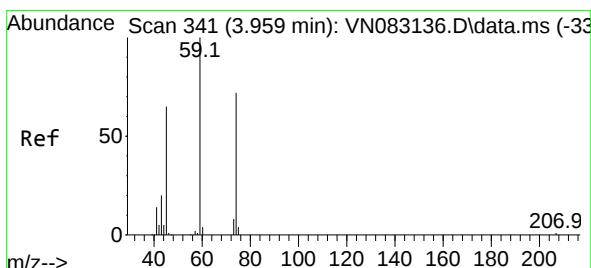
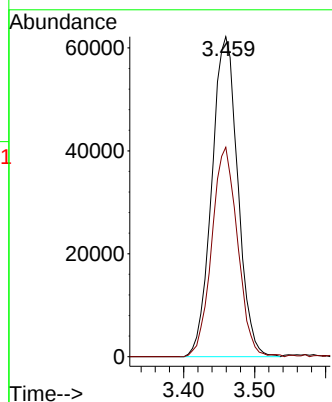
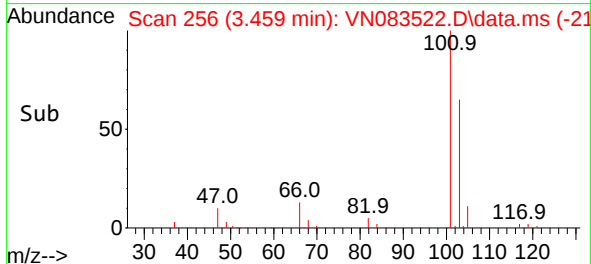


#7
 Trichlorofluoromethane
 Concen: 62.137 ug/l
 RT: 3.459 min Scan# 21
 Delta R.T. -0.036 min
 Lab File: VN083522.D
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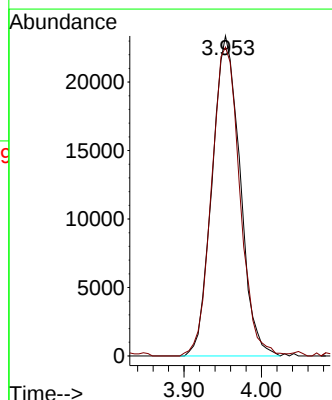
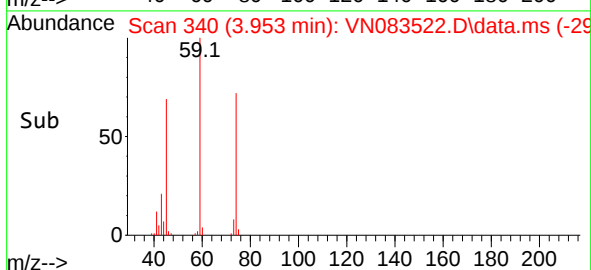
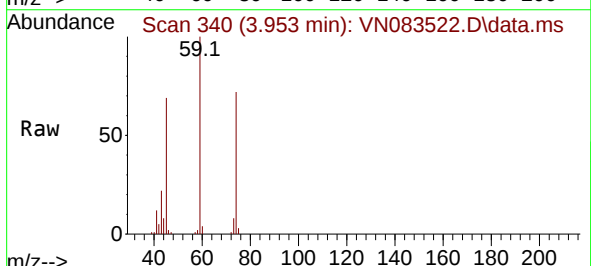


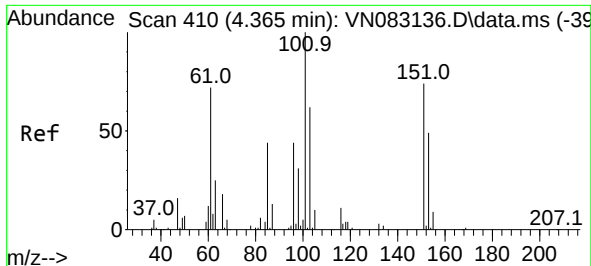
Tgt Ion:101 Resp: 157804
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.7 79.1



#8
 Diethyl Ether
 Concen: 61.779 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN083522.D
 Acq: 27 Aug 2024 20:20

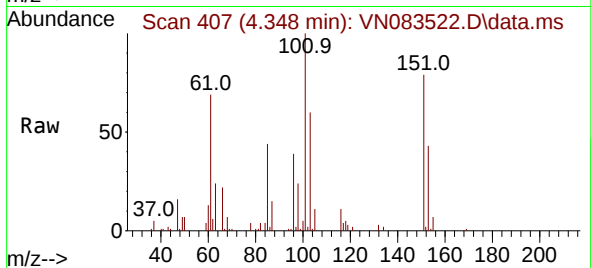
Tgt Ion: 74 Resp: 58382
 Ion Ratio Lower Upper
 74 100
 45 98.1 55.5 166.3



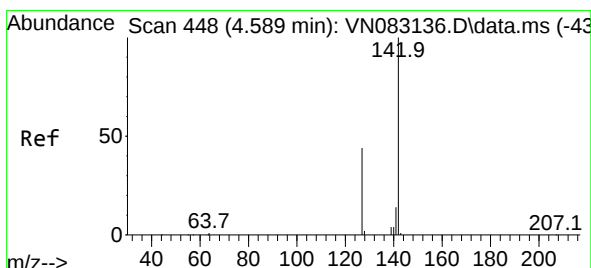
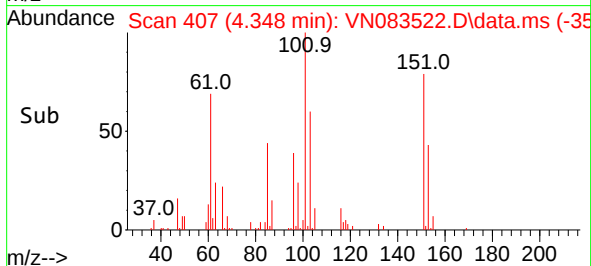
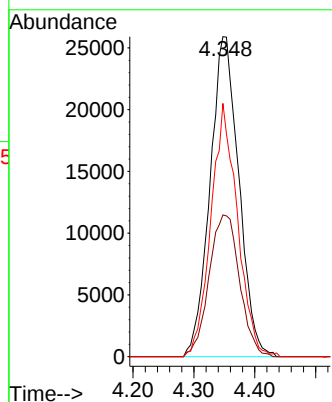


#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.871 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.018 min
Lab File: VN083522.D
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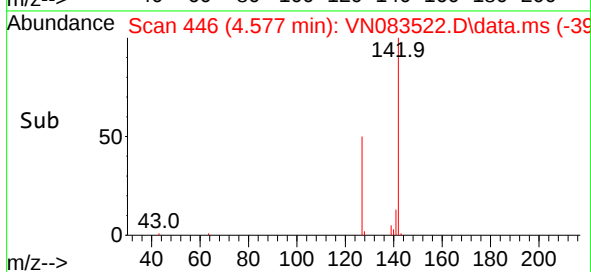
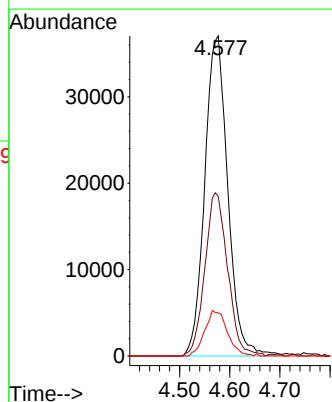
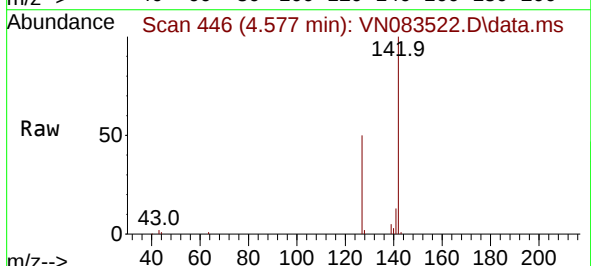


Tgt Ion:	101	Resp:	85229
Ion	Ratio	Lower	Upper
101	100		
85	46.8	38.3	57.5
151	72.7	59.3	88.9



#10
Methyl Iodide
Concen: 64.213 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.012 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion:	142	Resp:	118269
Ion	Ratio	Lower	Upper
142	100		
127	49.9	37.5	56.3
141	13.4	13.1	19.7

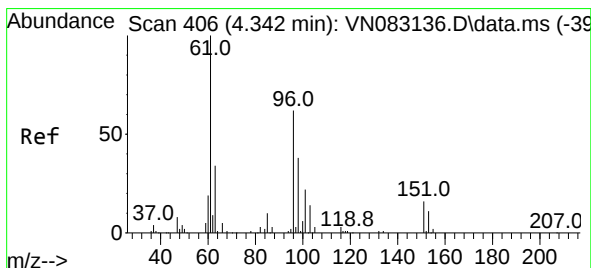
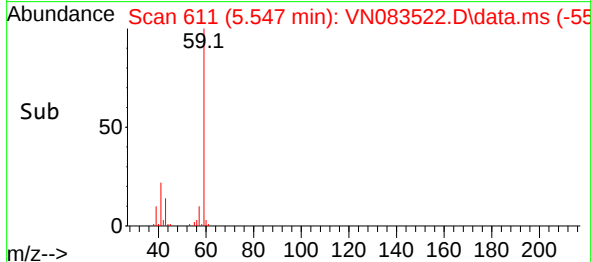
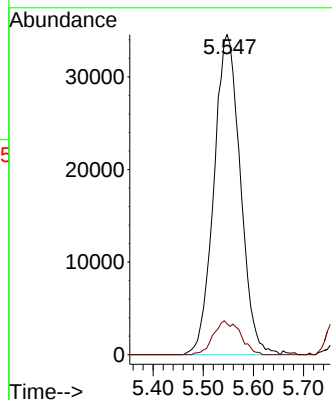
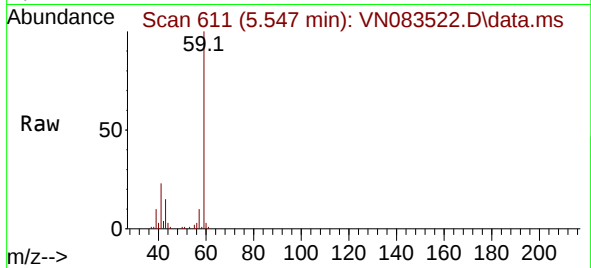




#11
Tert butyl alcohol
Concen: 329.363 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.018 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

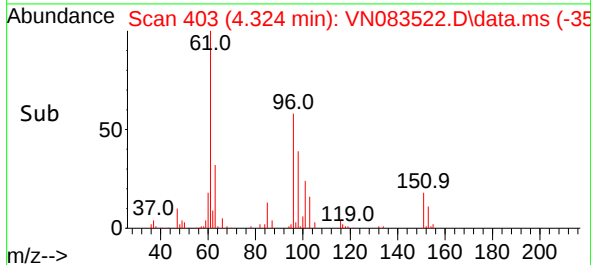
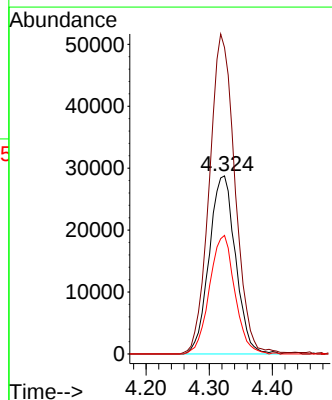
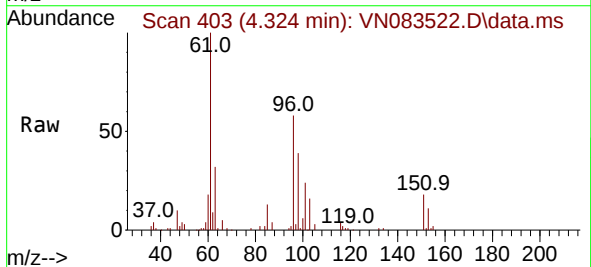
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 126429
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3



#12
1,1-Dichloroethene
Concen: 57.972 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

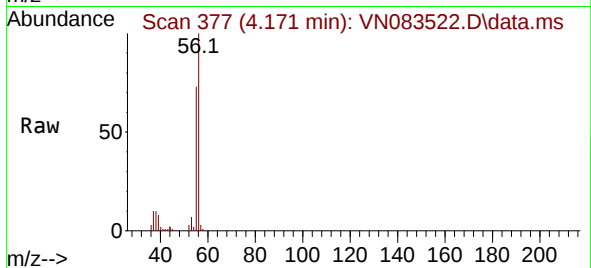
Tgt Ion: 96 Resp: 83392
Ion Ratio Lower Upper
96 100
61 172.1 149.7 224.5
98 66.6 50.1 75.1



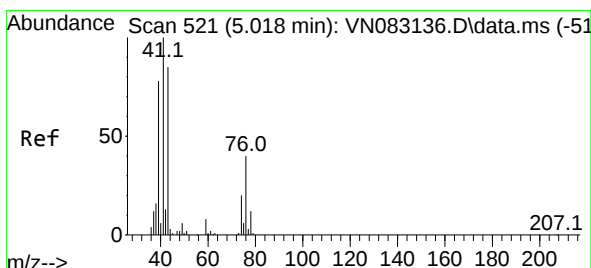
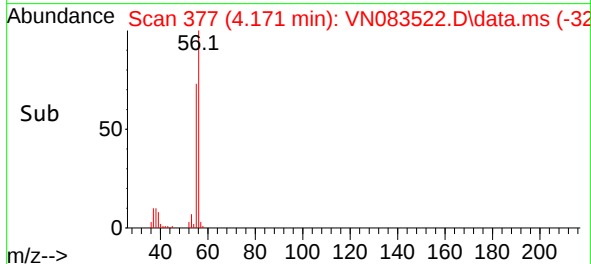
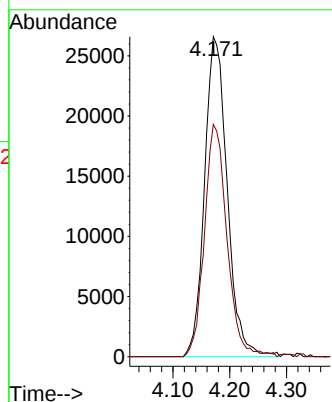


#13
Acrolein
Concen: 293.871 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Instrument :
MSVOA_N
ClientSampleId :

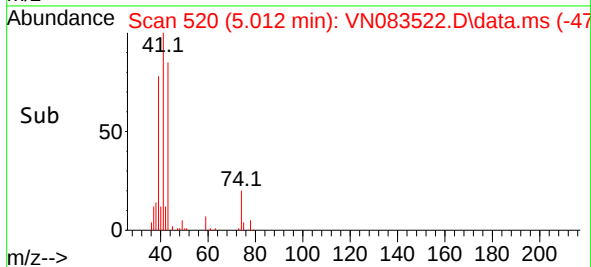
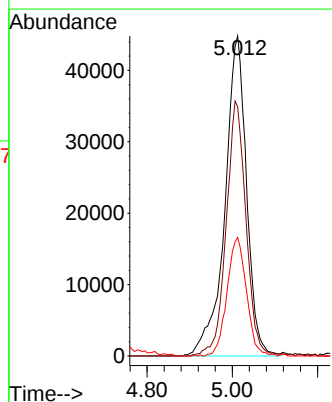
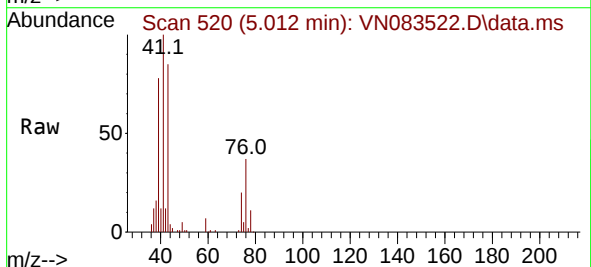


Tgt Ion: 56 Resp: 73520
Ion Ratio Lower Upper
56 100
55 72.2 56.4 84.6



#14
Allyl chloride
Concen: 58.365 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

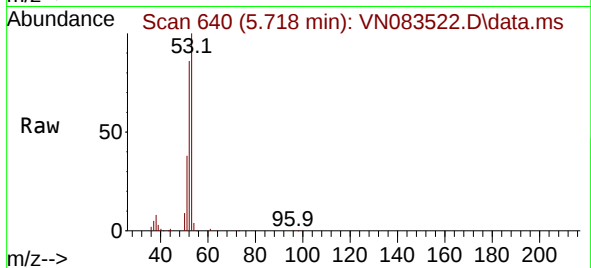
Tgt Ion: 41 Resp: 158658
Ion Ratio Lower Upper
41 100
39 72.8 67.8 101.6
76 33.2 25.8 38.8



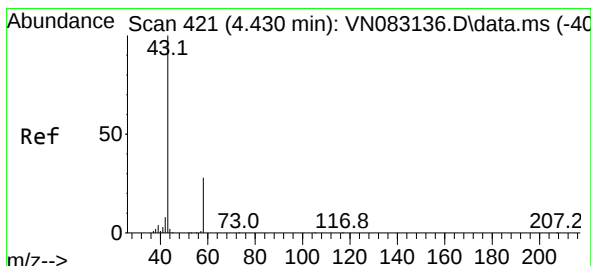
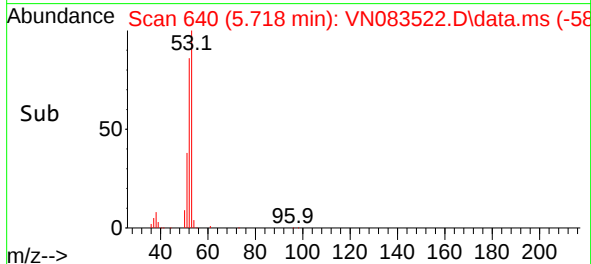
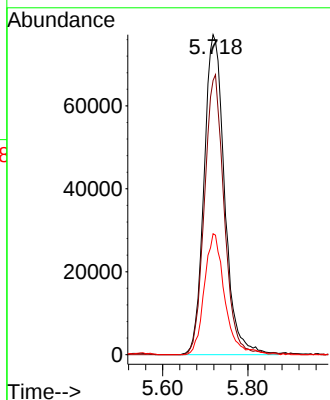


#15
Acrylonitrile
Concen: 327.681 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Instrument :
MSVOA_N
ClientSampleId :

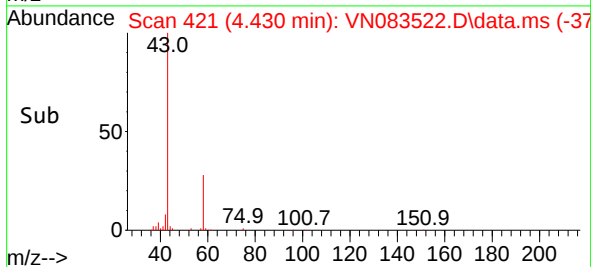
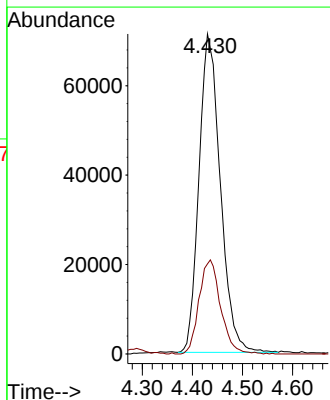
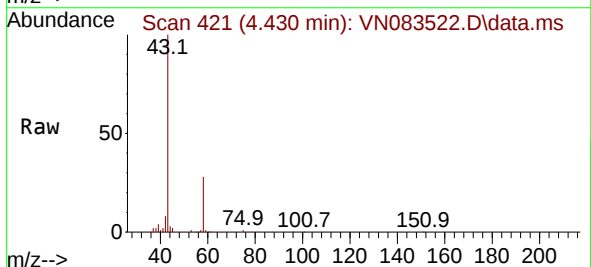


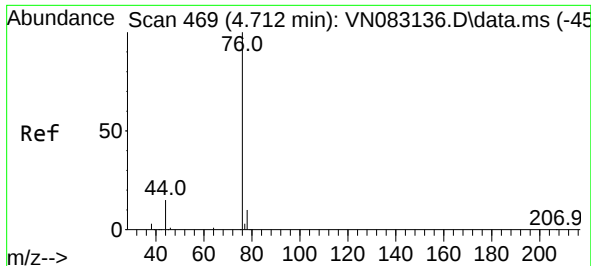
Tgt Ion: 53 Resp: 258691
Ion Ratio Lower Upper
53 100
52 83.8 66.6 100.0
51 37.4 30.1 45.1



#16
Acetone
Concen: 291.623 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

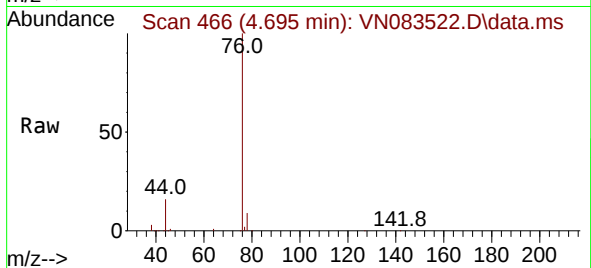
Tgt Ion: 43 Resp: 210773
Ion Ratio Lower Upper
43 100
58 28.3 21.8 32.6



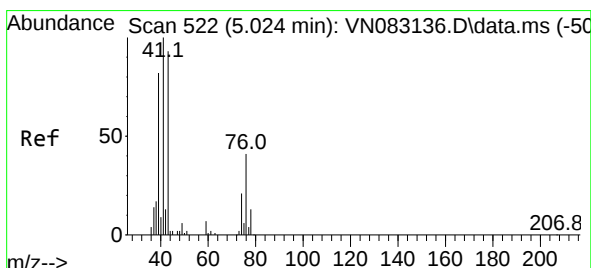
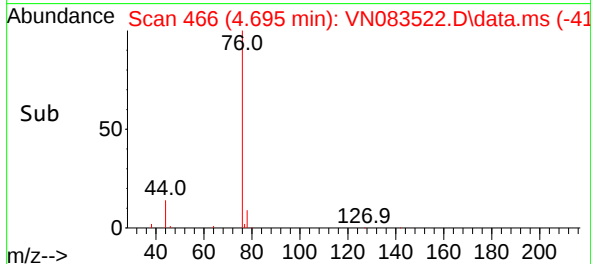
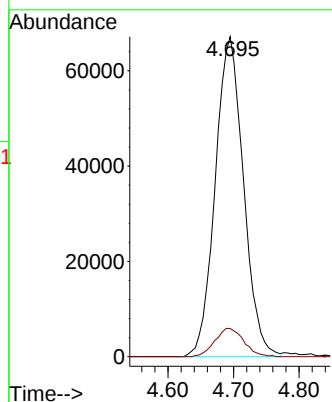


#17
Carbon Disulfide
Concen: 47.728 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.018 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Instrument :
MSVOA_N
ClientSampleId :

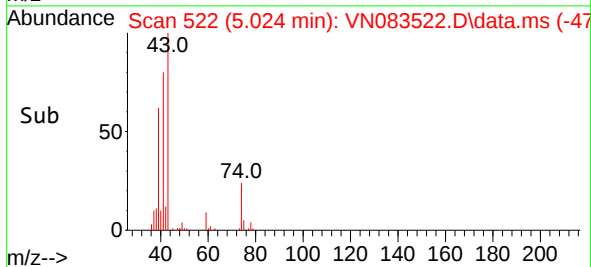
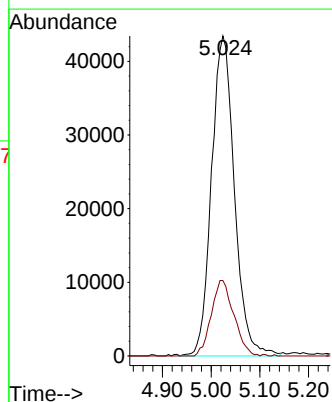
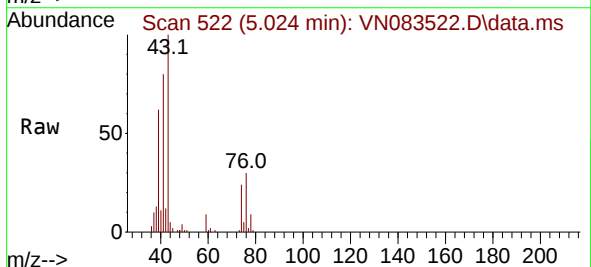


Tgt Ion: 76 Resp: 200891
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 65.983 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion: 43 Resp: 142089
Ion Ratio Lower Upper
43 100
74 23.1 16.3 24.5

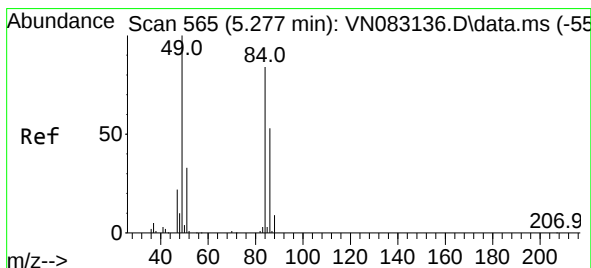
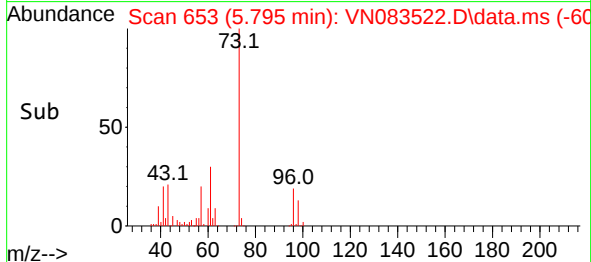
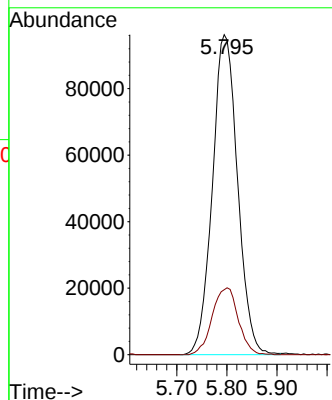
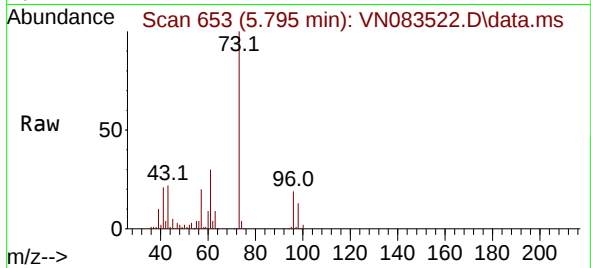




#19
Methyl tert-butyl Ether
Concen: 64.671 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

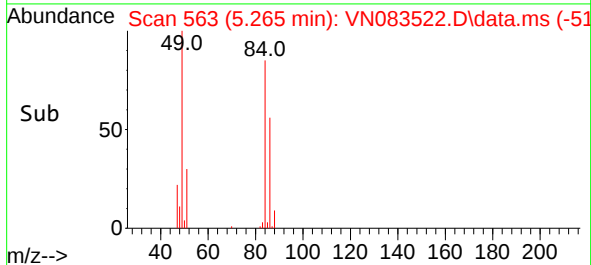
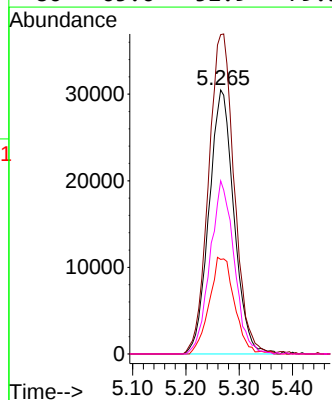
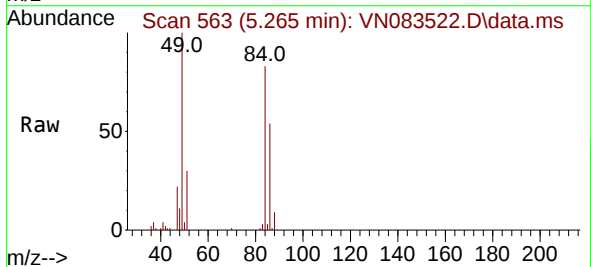
Instrument :
MSVOA_N
ClientSampleId :

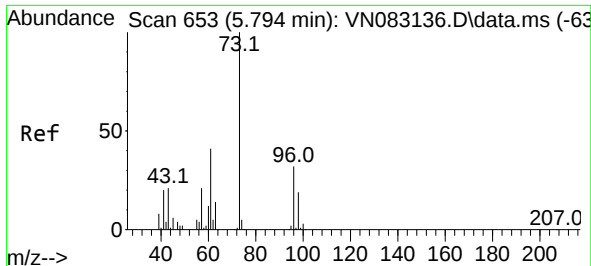
Tgt Ion: 73 Resp: 335787
Ion Ratio Lower Upper
73 100
57 20.3 17.9 26.9



#20
Methylene Chloride
Concen: 59.489 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

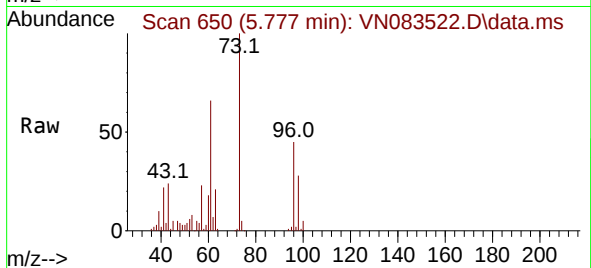
Tgt Ion: 84 Resp: 98953
Ion Ratio Lower Upper
84 100
49 121.0 119.6 179.4
51 35.8 34.8 52.2
86 65.6 52.9 79.3



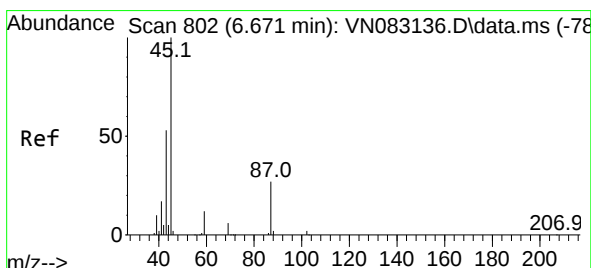
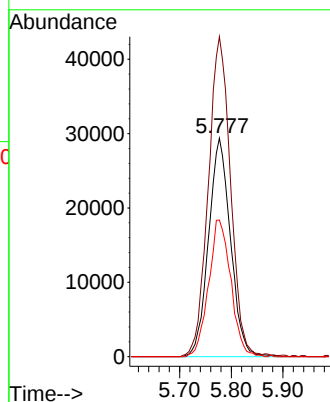
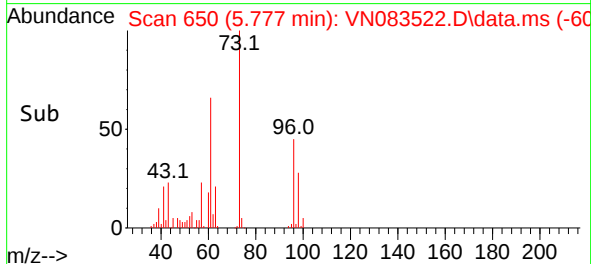


#21
trans-1,2-Dichloroethene
Concen: 58.296 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Instrument :
MSVOA_N
ClientSampleId :

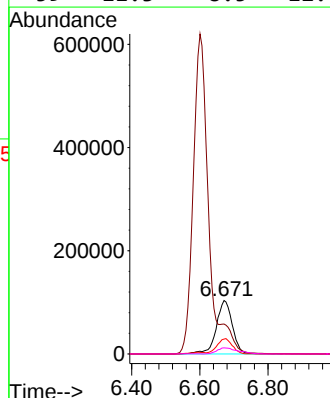
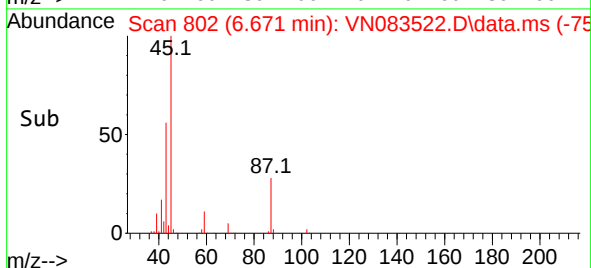
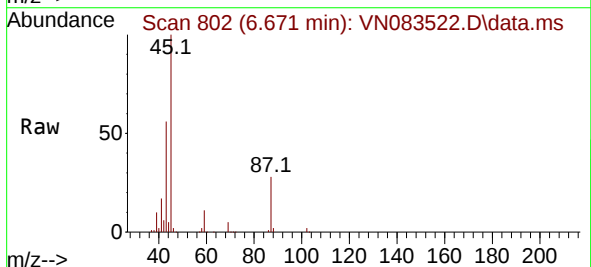


Tgt Ion: 96 Resp: 86672
Ion Ratio Lower Upper
96 100
61 146.4 123.4 185.2
98 62.5 49.3 73.9



#22
Diisopropyl ether
Concen: 66.157 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

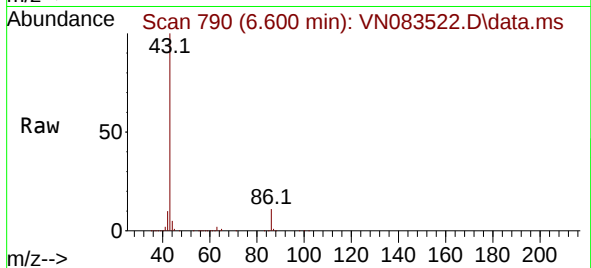
Tgt Ion: 45 Resp: 338048
Ion Ratio Lower Upper
45 100
43 55.5 44.0 66.0
87 27.9 19.7 29.5
59 11.3 8.5 12.7



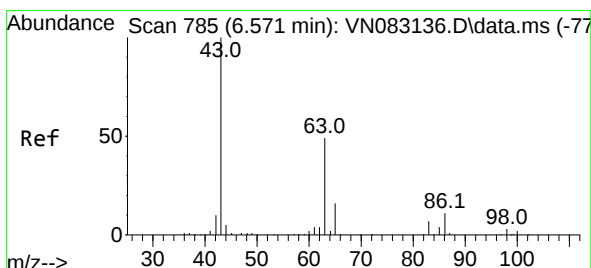
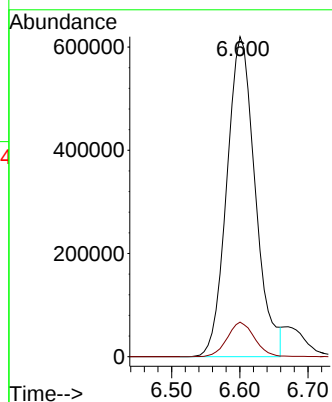
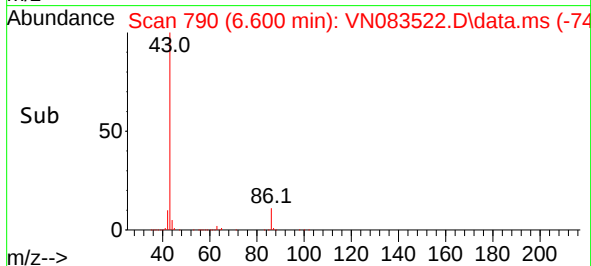


#23
 Vinyl Acetate
 Concen: 343.115 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083522.D
 Acq: 27 Aug 2024 20:20

Instrument :
 MSVOA_N
 ClientSampleId :

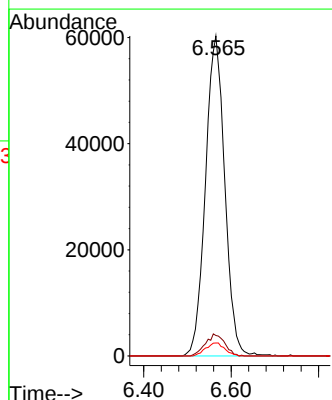
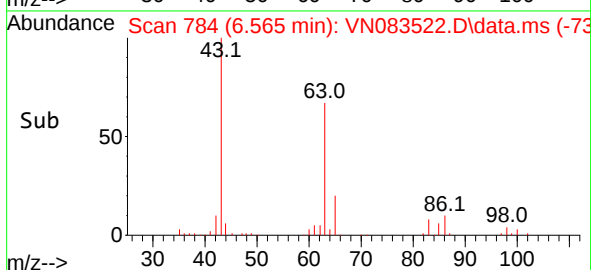
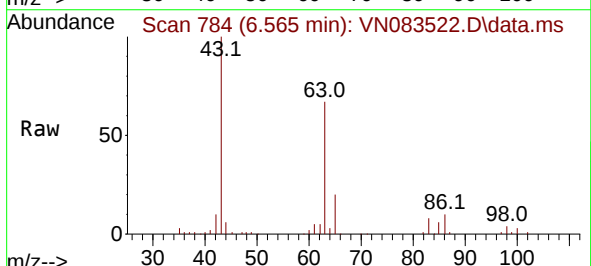


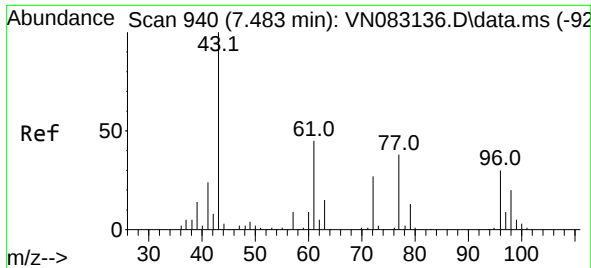
Tgt Ion: 43 Resp: 1797056
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 66.455 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN083522.D
 Acq: 27 Aug 2024 20:20

Tgt Ion: 63 Resp: 185090
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 4.1 2.0 6.0

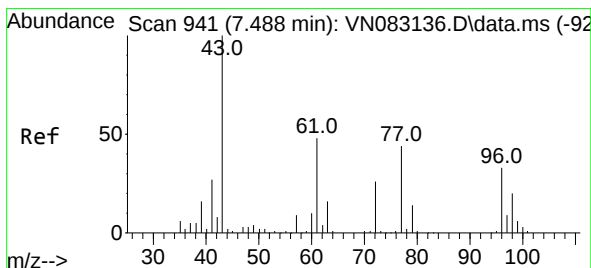
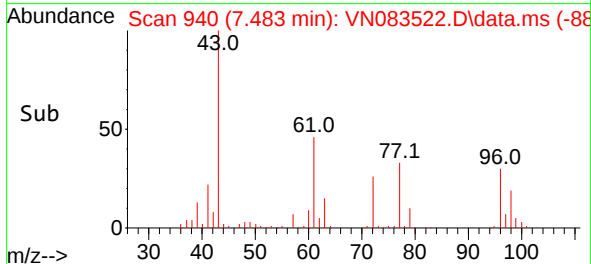
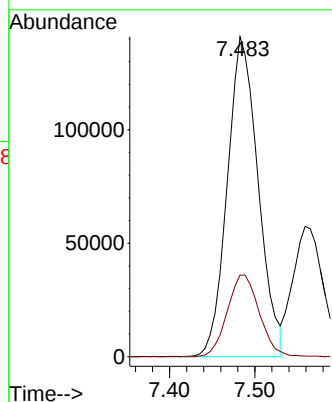
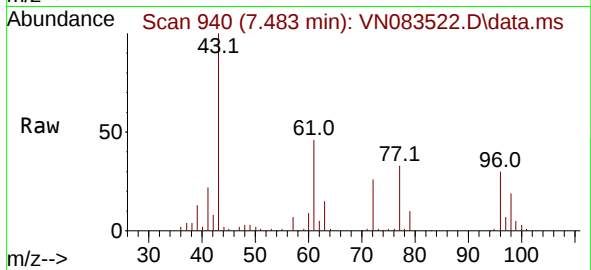




#25
2-Butanone
Concen: 319.443 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

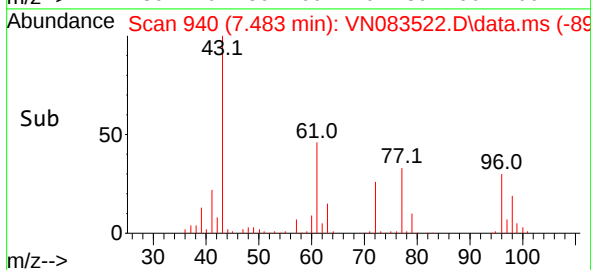
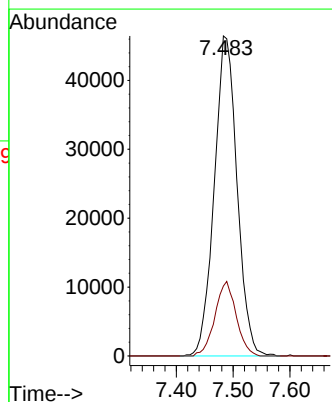
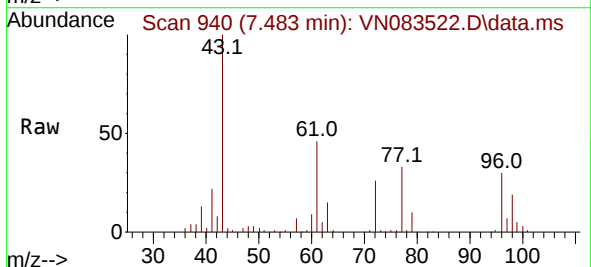
Instrument :
MSVOA_N
ClientSampleId :

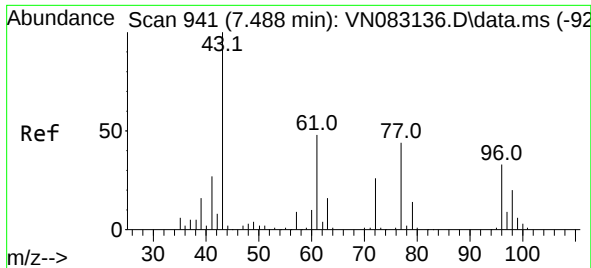
Tgt Ion: 43 Resp: 354510
Ion Ratio Lower Upper
43 100
72 25.5 18.2 27.2



#26
2,2-Dichloropropane
Concen: 50.029 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion: 77 Resp: 129402
Ion Ratio Lower Upper
77 100
97 21.7 10.3 30.9

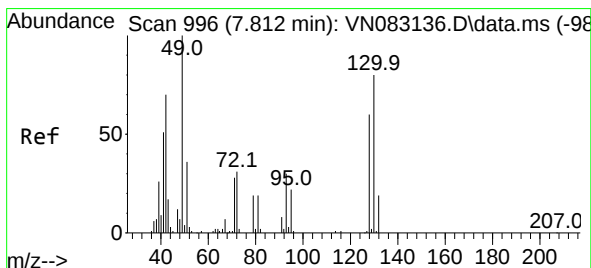
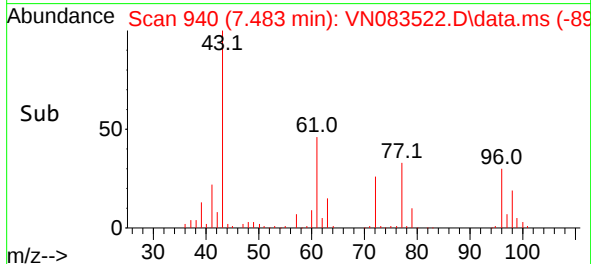
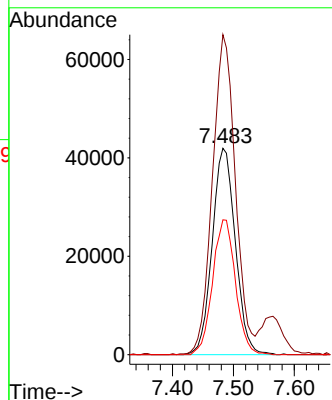
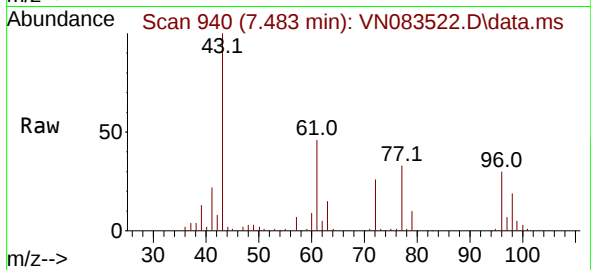




#27
 cis-1,2-Dichloroethene
 Concen: 61.726 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN083522.D
 Acq: 27 Aug 2024 20:20

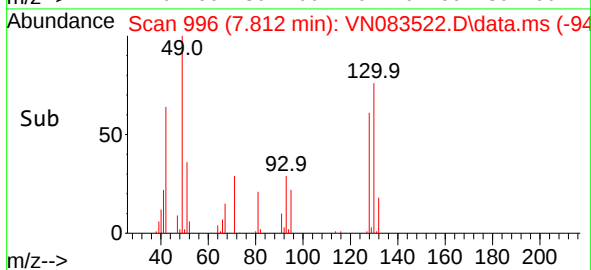
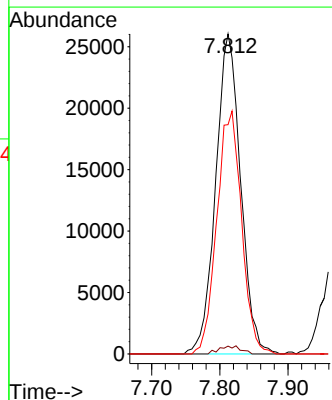
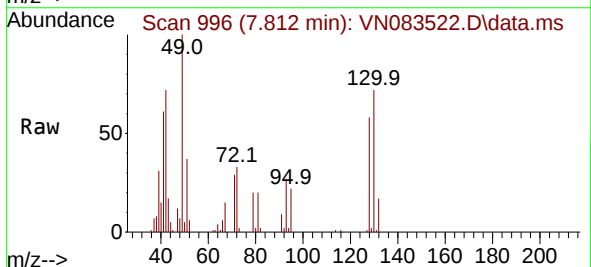
Instrument :
 MSVOA_N
 ClientSampleId :

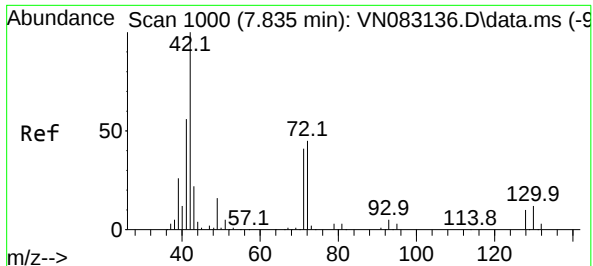
Tgt Ion: 96 Resp: 110741
 Ion Ratio Lower Upper
 96 100
 61 154.2 0.0 329.6
 98 64.6 0.0 128.6



#28
 Bromochloromethane
 Concen: 58.290 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083522.D
 Acq: 27 Aug 2024 20:20

Tgt Ion: 49 Resp: 66348
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 75.3 50.5 75.7

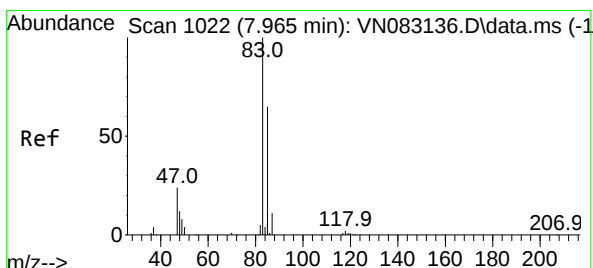
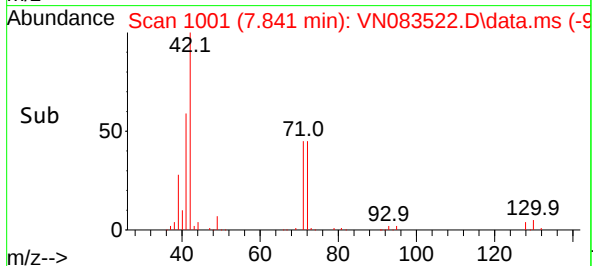
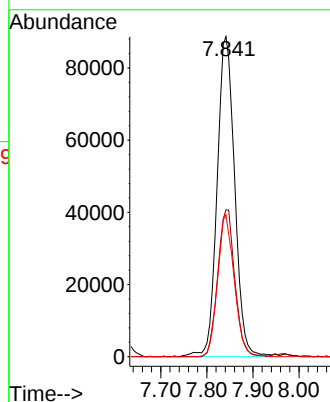
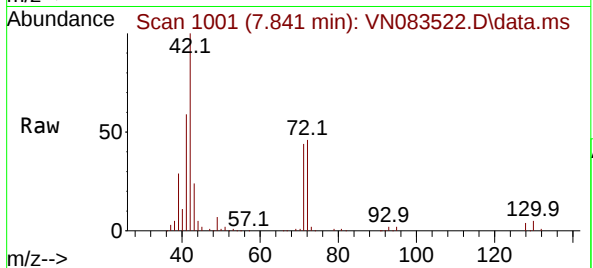




#29
Tetrahydrofuran
Concen: 327.048 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

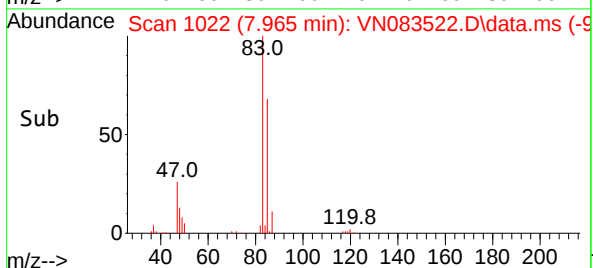
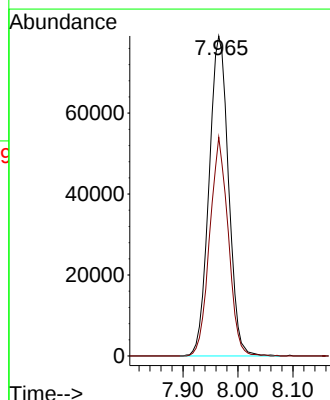
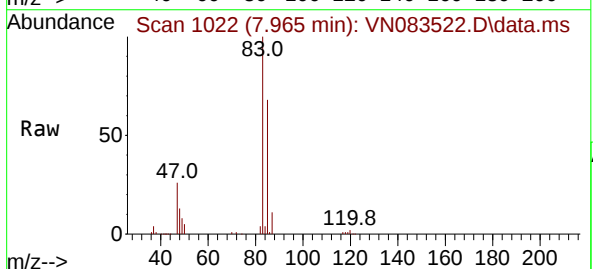
Instrument :
MSVOA_N
ClientSampleId :

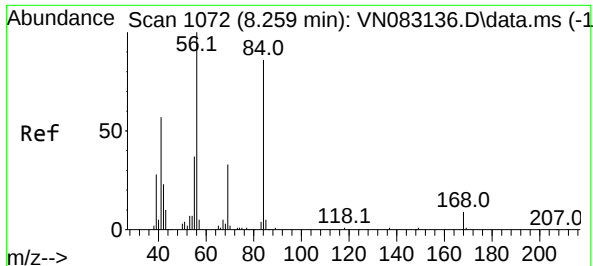
Tgt Ion: 42 Resp: 234623
Ion Ratio Lower Upper
42 100
72 44.7 30.0 45.0
71 41.9 28.3 42.5



#30
Chloroform
Concen: 67.225 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

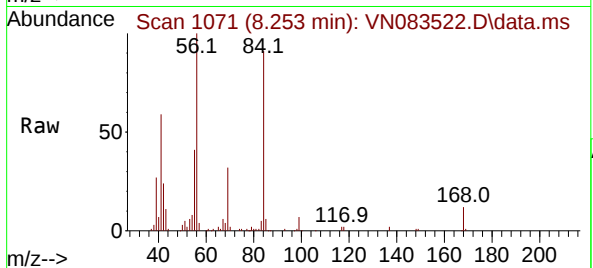
Tgt Ion: 83 Resp: 194522
Ion Ratio Lower Upper
83 100
85 68.4 50.9 76.3



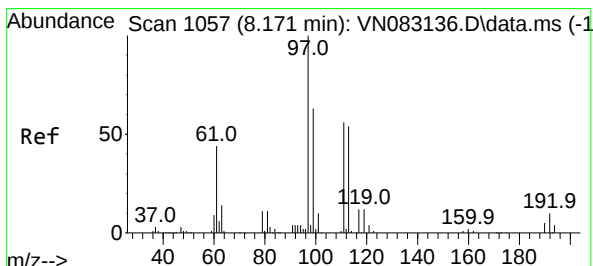
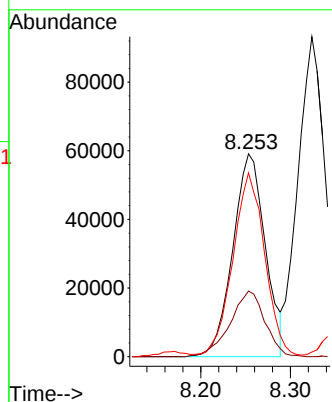
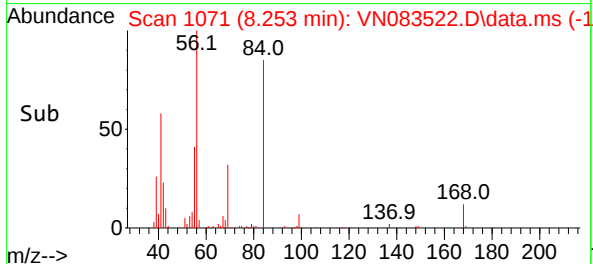


#31
Cyclohexane
Concen: 54.271 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Instrument :
MSVOA_N
ClientSampleId :

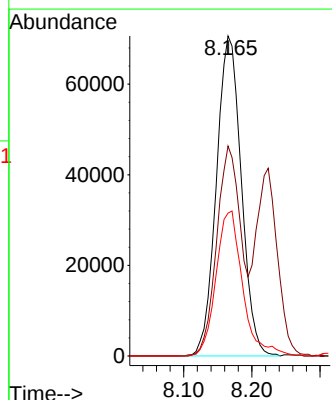
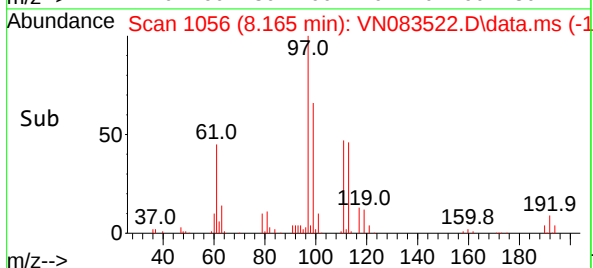
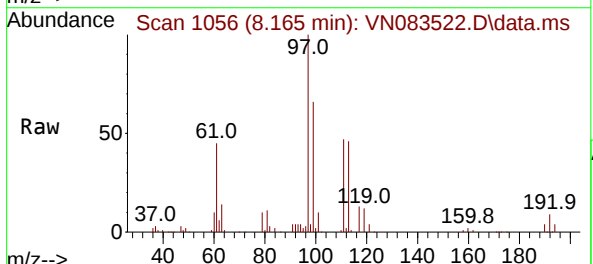


Tgt Ion: 56 Resp: 148554
Ion Ratio Lower Upper
56 100
69 32.3 24.5 36.7
84 88.7 66.0 99.0



#32
1,1,1-Trichloroethane
Concen: 65.608 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion: 97 Resp: 179697
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 48.5 42.1 63.1

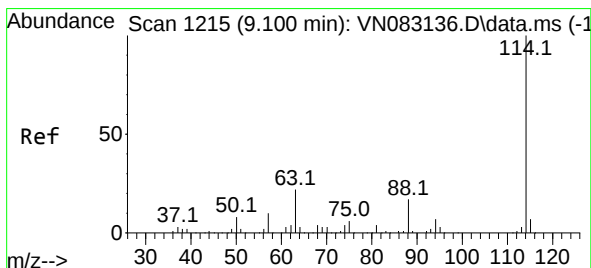
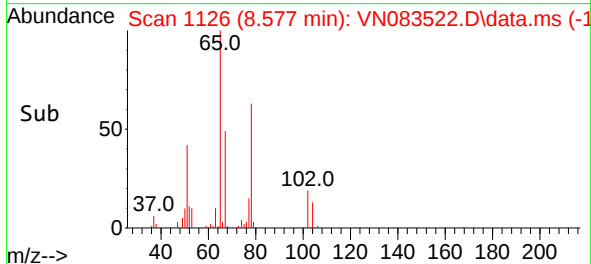
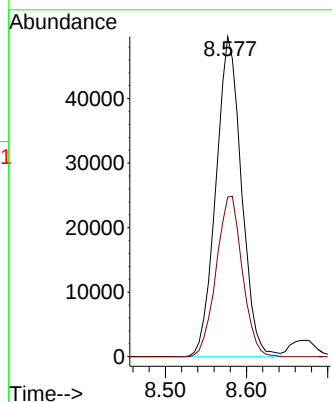
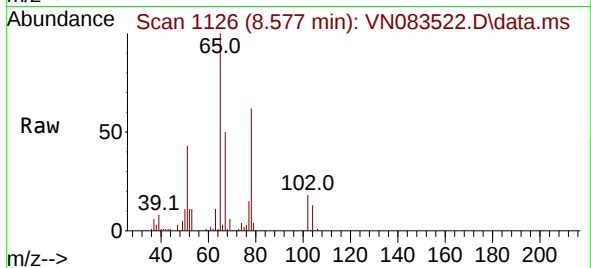




#33
 1,2-Dichloroethane-d4
 Concen: 58.730 ug/l
 RT: 8.577 min Scan# 1127
 Delta R.T. -0.005 min
 Lab File: VN083522.D
 Acq: 27 Aug 2024 20:20

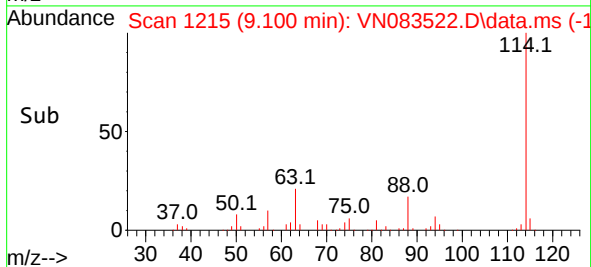
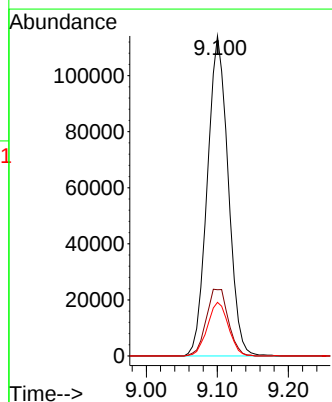
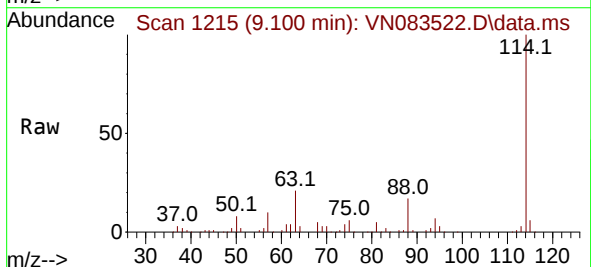
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 65 Resp: 108479
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083522.D
 Acq: 27 Aug 2024 20:20

Tgt Ion: 114 Resp: 232416
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 44.6
 88 16.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.745 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

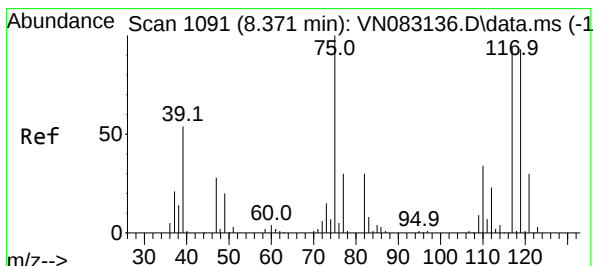
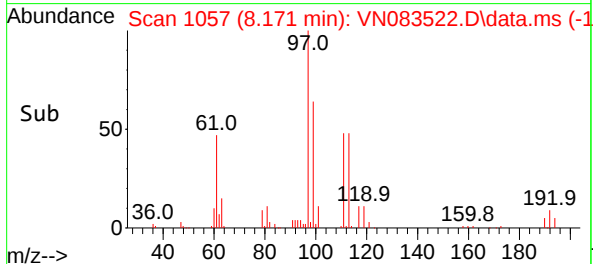
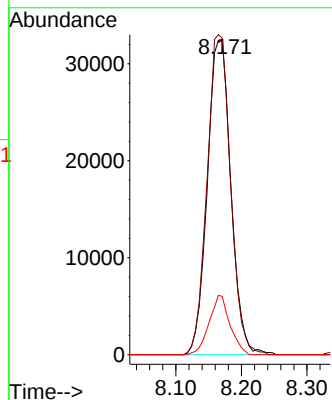
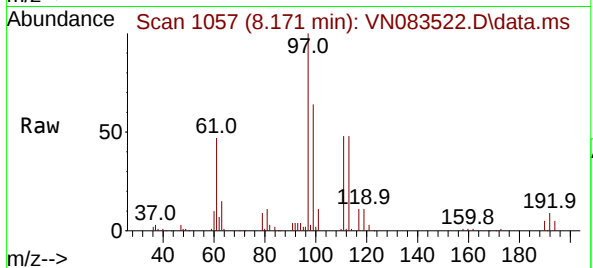
Tgt Ion:113 Resp: 80869

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

192 16.7 14.9 22.3



#36

1,1-Dichloropropene

Concen: 58.621 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

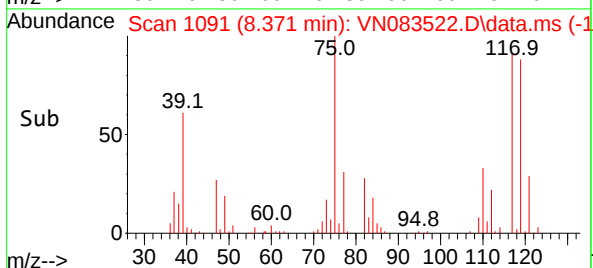
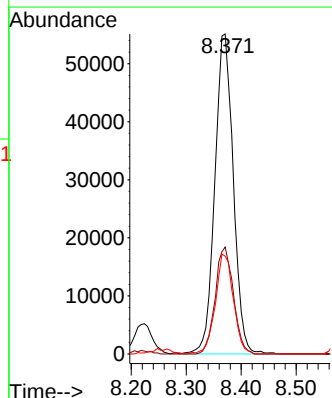
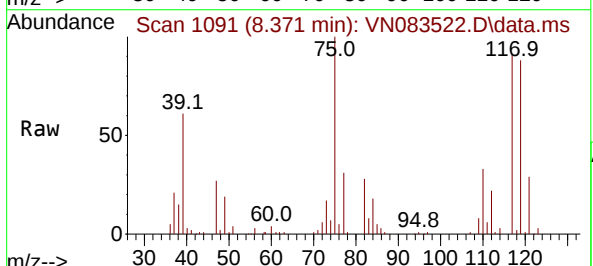
Tgt Ion: 75 Resp: 128643

Ion Ratio Lower Upper

75 100

110 33.0 16.3 48.9

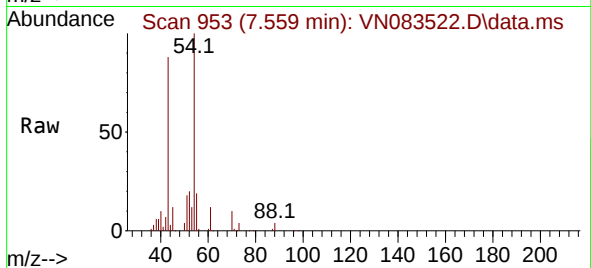
77 30.5 24.6 37.0



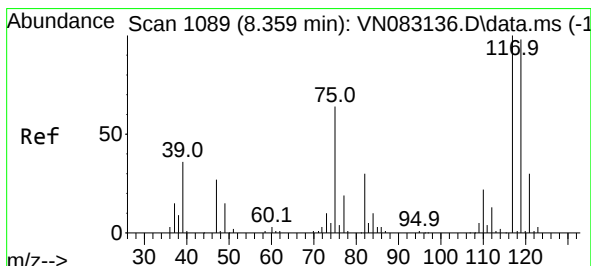
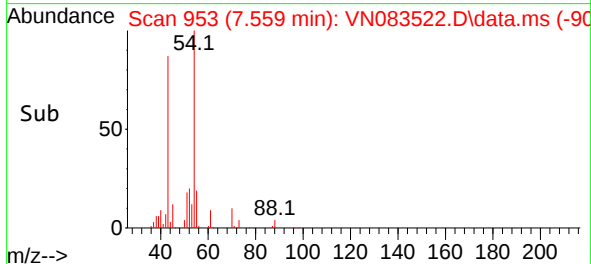
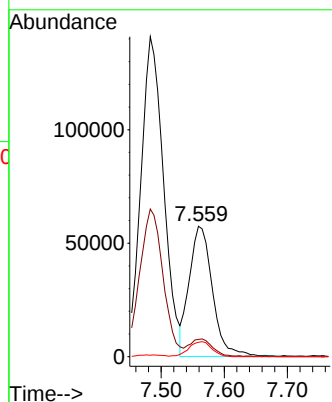


#37
Ethyl Acetate
Concen: 59.575 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Instrument :
MSVOA_N
ClientSampleId :

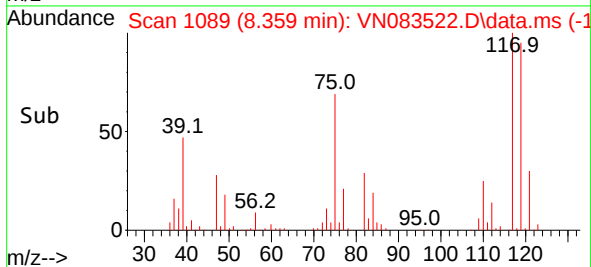
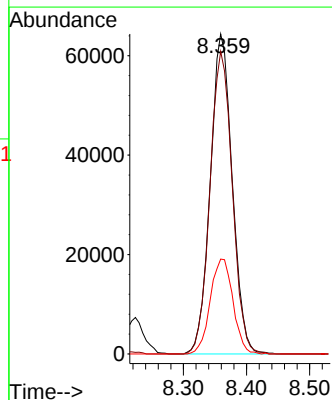
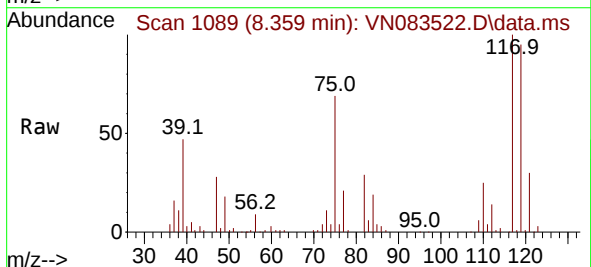


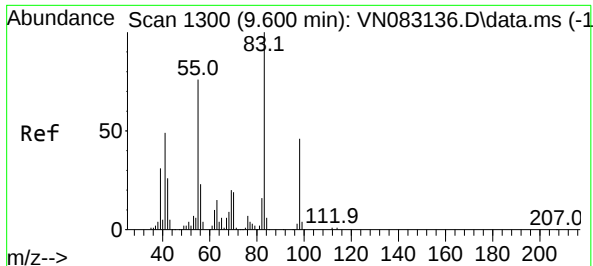
Tgt Ion: 43 Resp: 146382
Ion Ratio Lower Upper
43 100
61 13.8 9.3 13.9
70 11.4 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 62.893 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

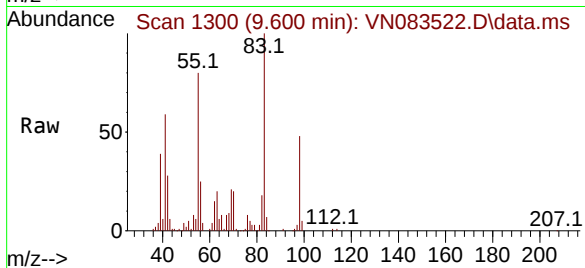
Tgt Ion: 117 Resp: 155453
Ion Ratio Lower Upper
117 100
119 94.6 74.9 112.3
121 29.7 24.3 36.5



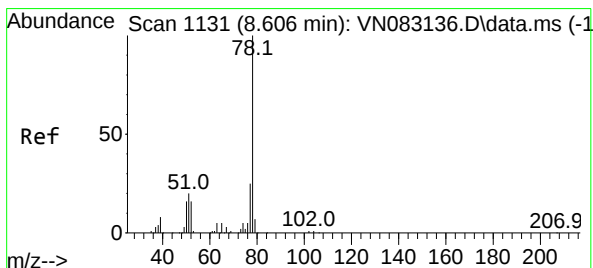
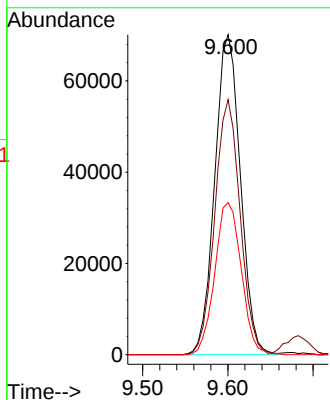
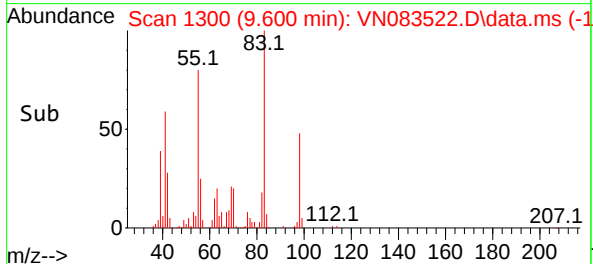


#39
Methylcyclohexane
Concen: 54.522 ug/l
RT: 9.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Instrument :
MSVOA_N
ClientSampleId :

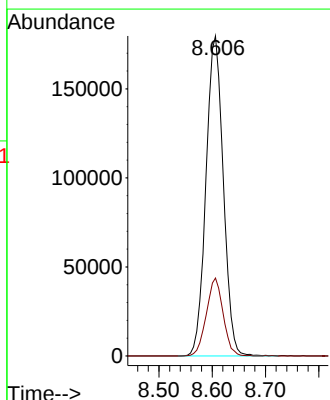
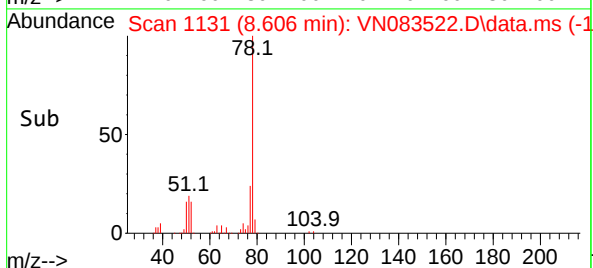
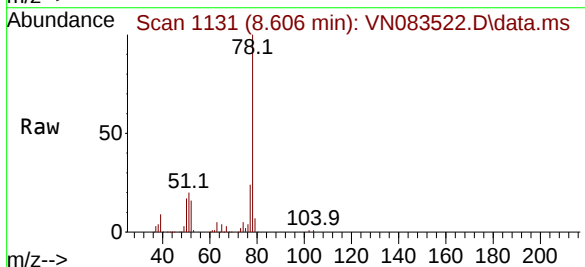


Tgt Ion: 83 Resp: 146958
Ion Ratio Lower Upper
83 100
55 79.7 66.4 99.6
98 47.5 40.7 61.1



#40
Benzene
Concen: 62.056 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion: 78 Resp: 405691
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4

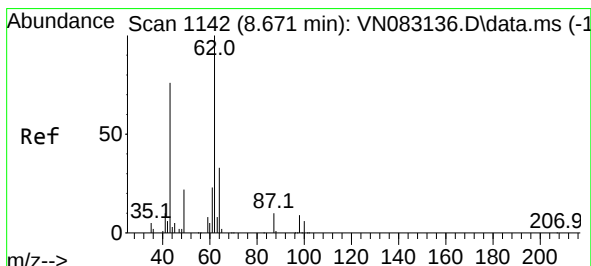
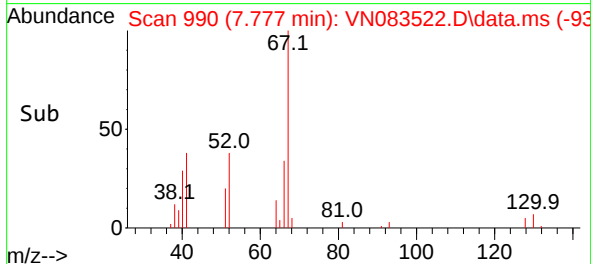
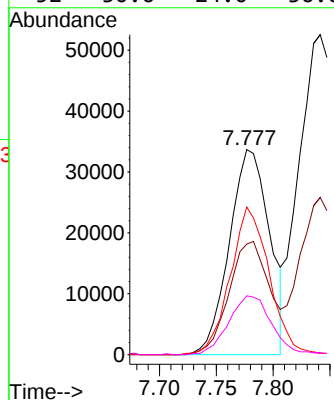
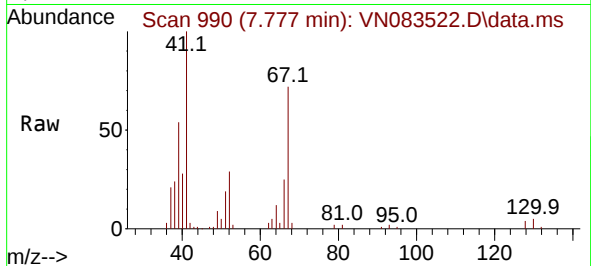




#41
Methacrylonitrile
Concen: 59.504 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

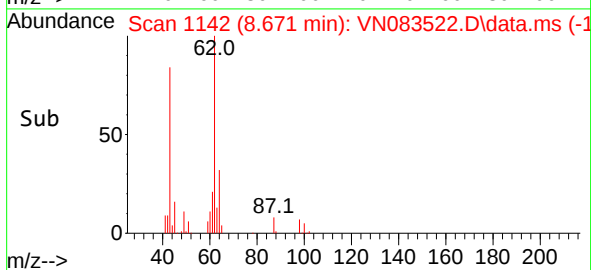
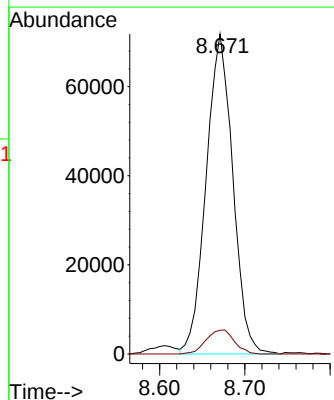
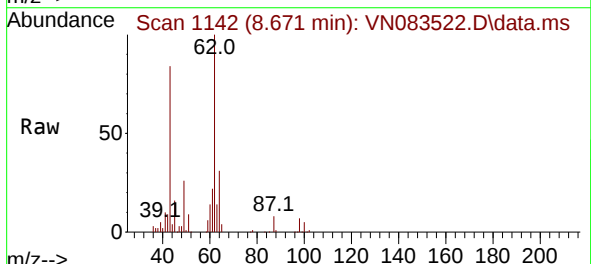
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	41	Resp:	83131
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.5	68.3
67	69.6	50.5	75.7
52	30.6	24.0	36.0



#42
1,2-Dichloroethane
Concen: 65.494 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

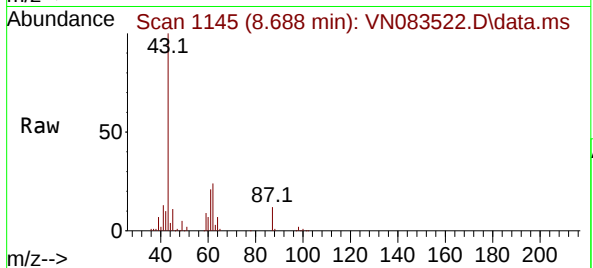
Tgt Ion:	62	Resp:	155971
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8



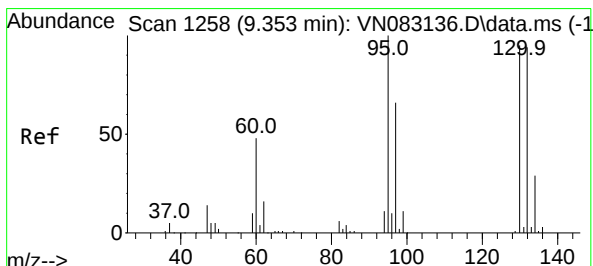
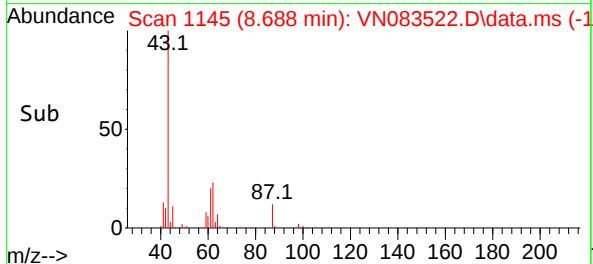
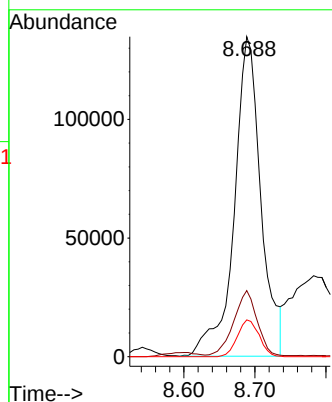


#43
Isopropyl Acetate
Concen: 86.048 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Instrument :
MSVOA_N
ClientSampleId :

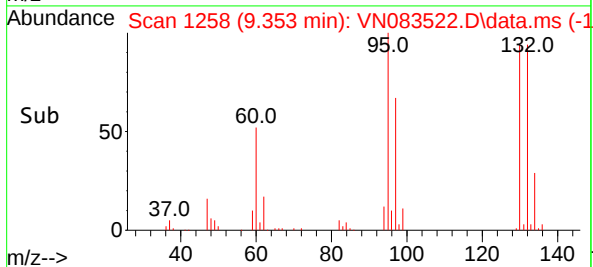
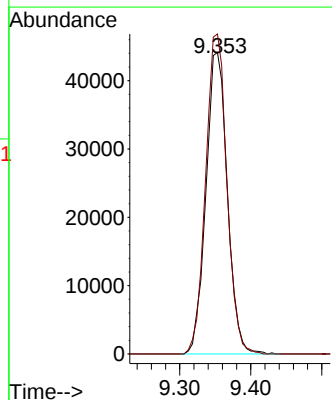
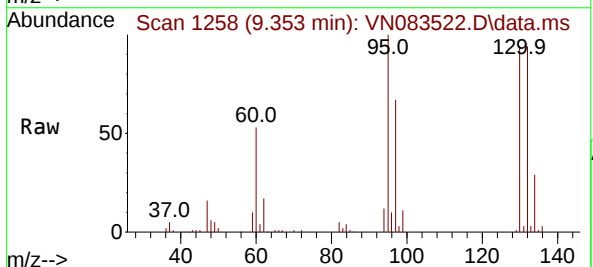


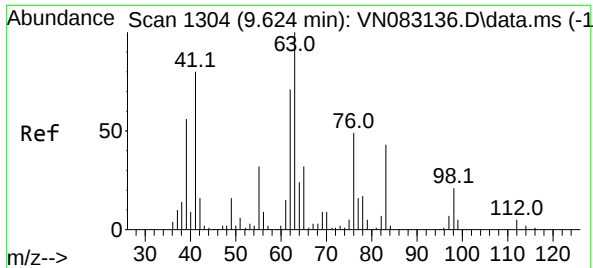
Tgt Ion: 43 Resp: 352412
Ion Ratio Lower Upper
43 100
61 18.0 17.8 26.6
87 9.4 8.2 12.2



#44
Trichloroethene
Concen: 59.536 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion:130 Resp: 92642
Ion Ratio Lower Upper
130 100
95 106.1 0.0 197.8





#45

1,2-Dichloropropane

Concen: 64.106 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

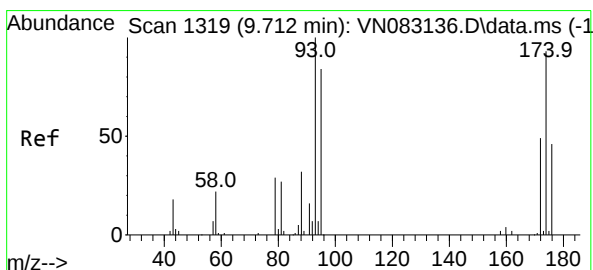
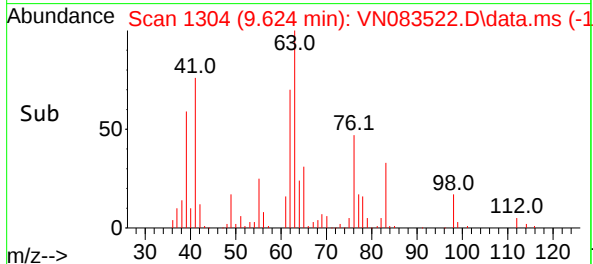
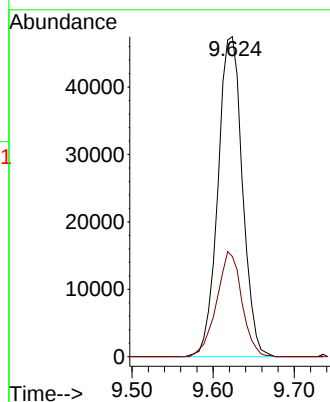
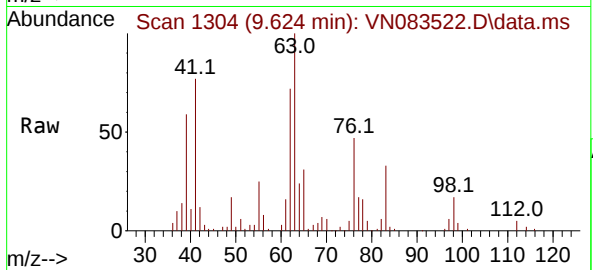
ClientSampleId :

Tgt Ion: 63 Resp: 99480

Ion Ratio Lower Upper

63 100

65 31.3 24.4 36.6



#46

Dibromomethane

Concen: 65.082 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

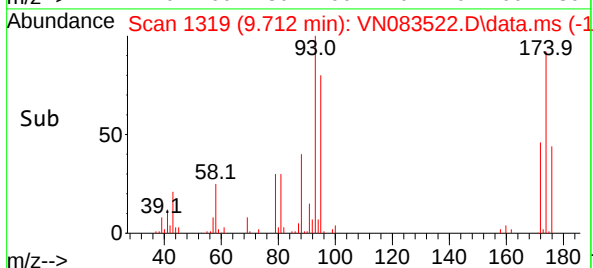
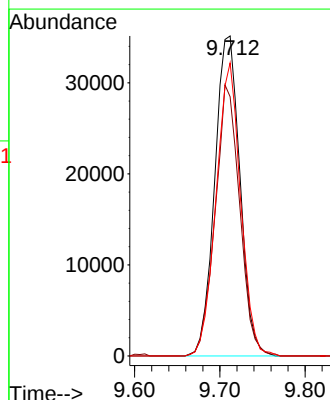
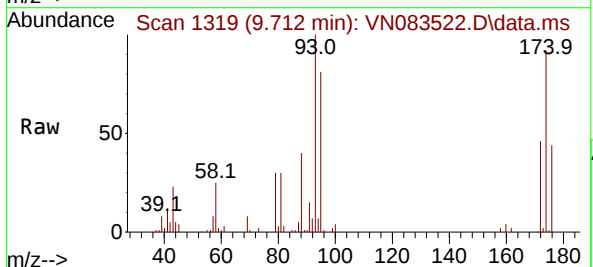
Tgt Ion: 93 Resp: 72289

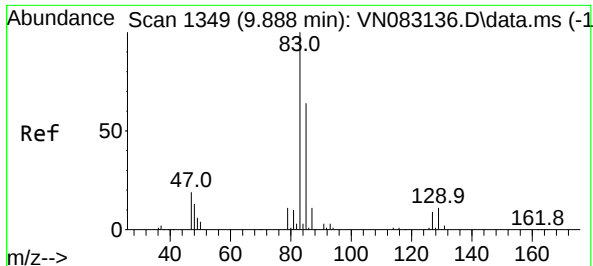
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.6

174 89.0 71.7 107.5





#47

Bromodichloromethane

Concen: 63.000 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083522.D

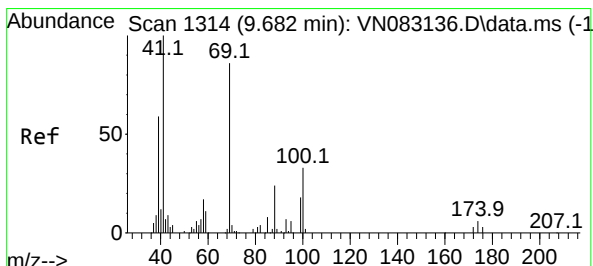
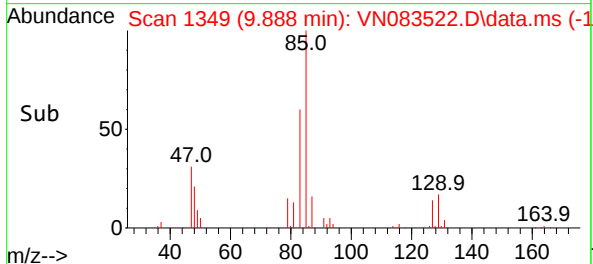
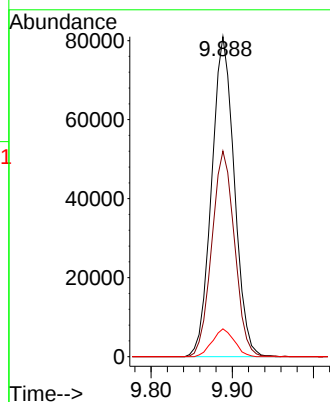
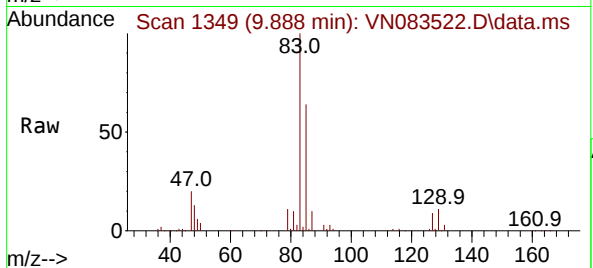
Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 157122
Ion Ratio	Lower Upper
83 100	
85 64.3	51.1 76.7
127 8.7	7.2 10.8



#48

Methyl methacrylate

Concen: 60.949 ug/l

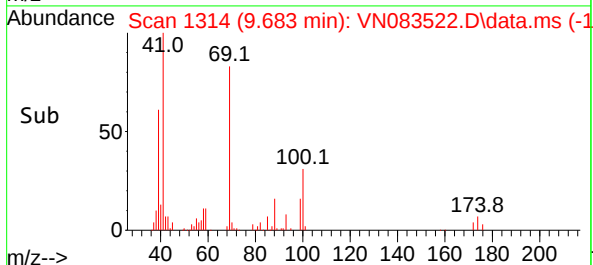
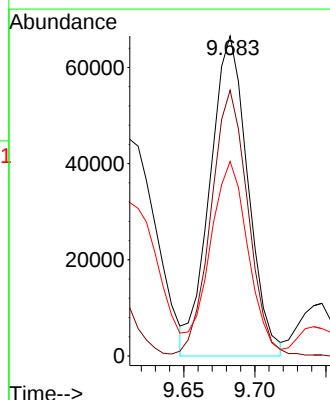
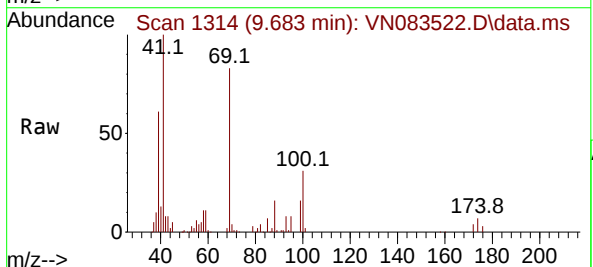
RT: 9.683 min Scan# 1314

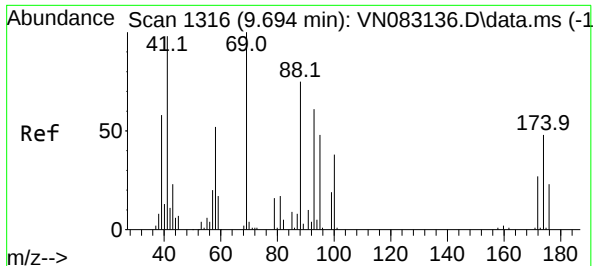
Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Tgt Ion: 41	Resp: 123811
Ion Ratio	Lower Upper
41 100	
69 81.2	56.3 84.5
39 61.6	50.3 75.5





#49

1,4-Dioxane

Concen: 1272.305 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

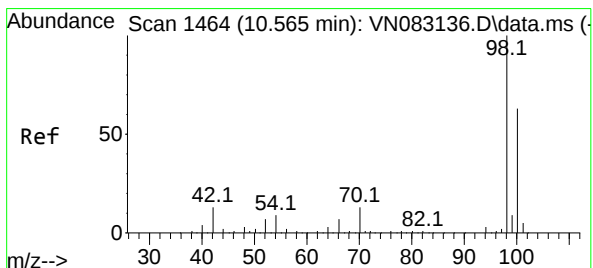
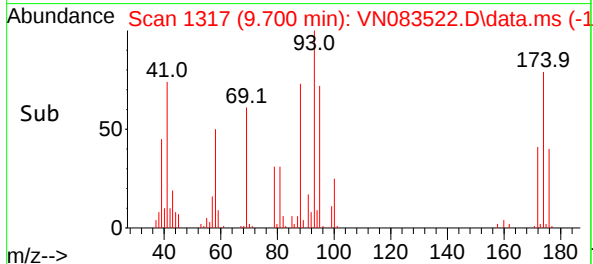
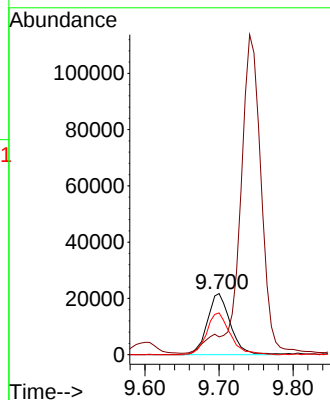
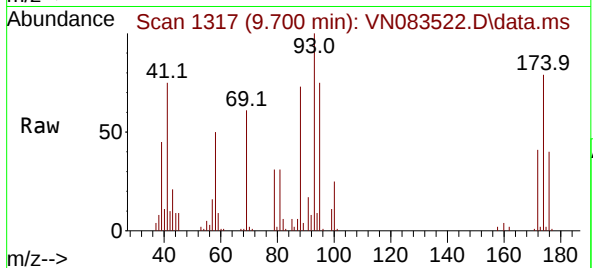
Tgt Ion: 88 Resp: 46628

Ion Ratio Lower Upper

88 100

43 0.0 27.8 41.8#

58 70.3 59.4 89.0



#50

Toluene-d8

Concen: 52.924 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083522.D

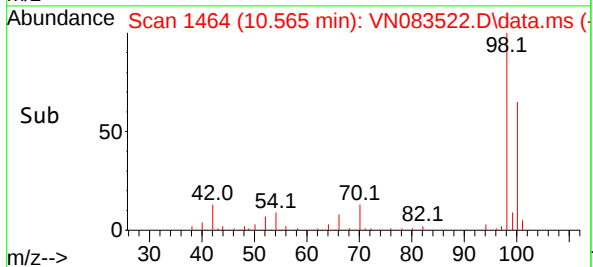
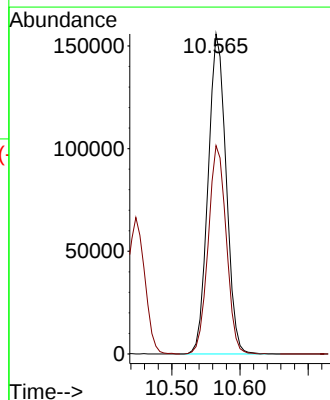
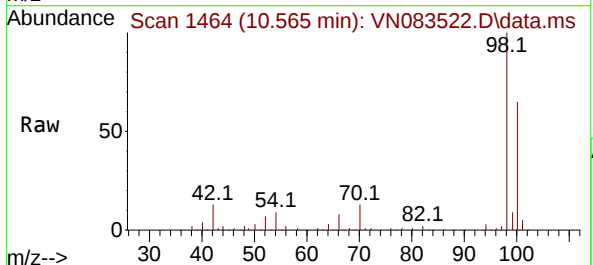
Acq: 27 Aug 2024 20:20

Tgt Ion: 98 Resp: 286395

Ion Ratio Lower Upper

98 100

100 65.2 51.5 77.3

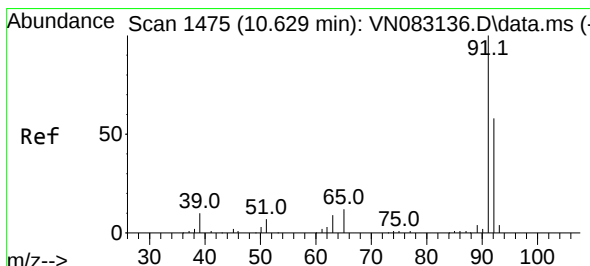
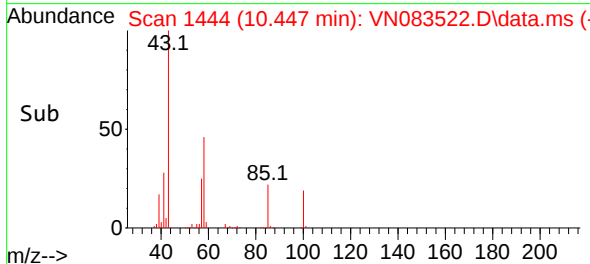
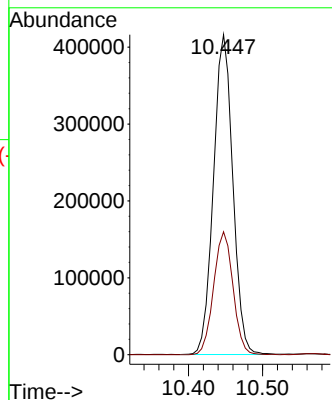
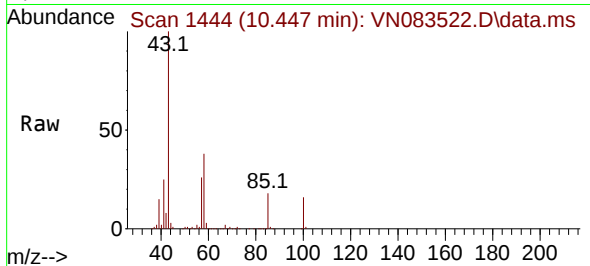




#51
4-Methyl-2-Pentanone
Concen: 324.255 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

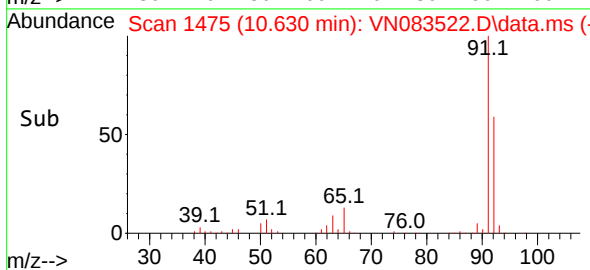
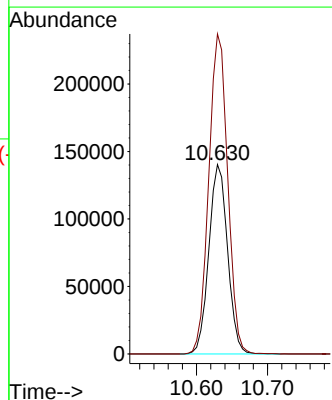
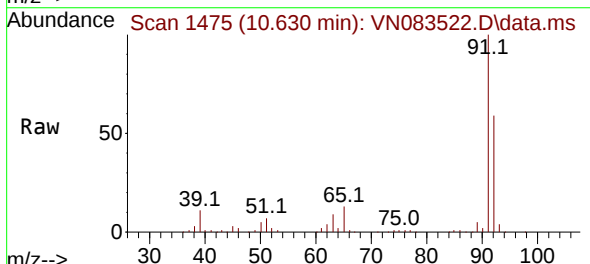
Instrument :
MSVOA_N
ClientSampleId :

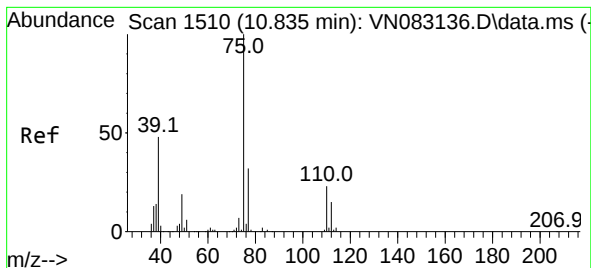
Tgt Ion: 43 Resp: 753414
Ion Ratio Lower Upper
43 100
58 38.5 28.2 42.4



#52
Toluene
Concen: 62.162 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion: 92 Resp: 256766
Ion Ratio Lower Upper
92 100
91 170.7 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 62.165 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

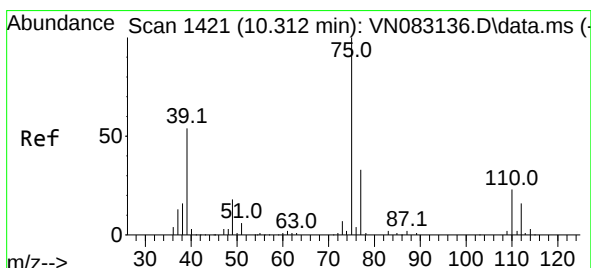
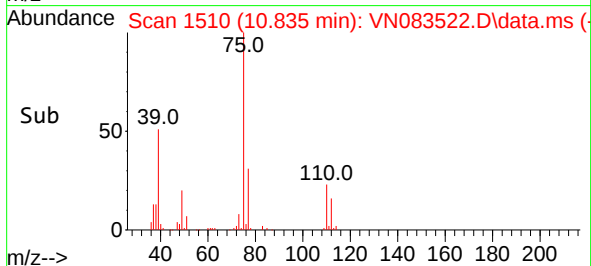
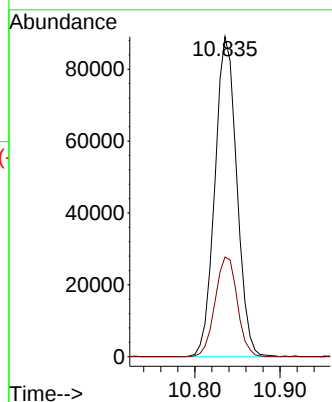
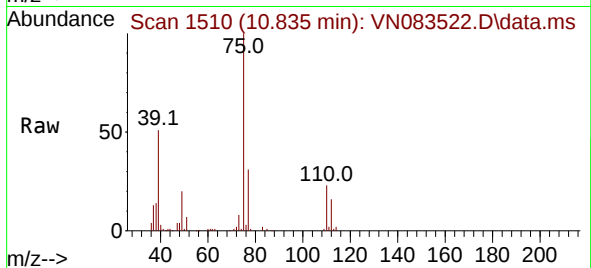
ClientSampleId :

Tgt Ion: 75 Resp: 159257

Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 59.754 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

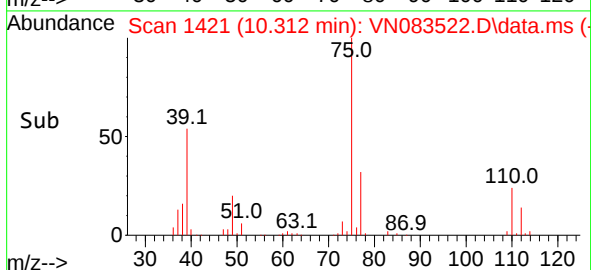
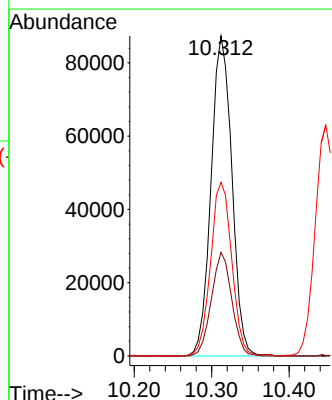
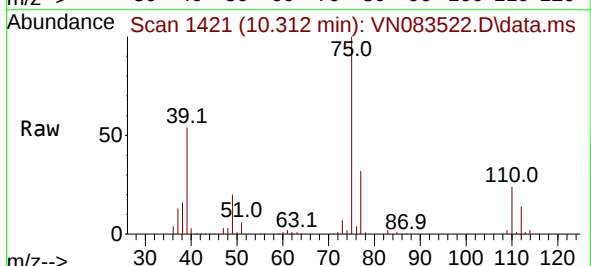
Tgt Ion: 75 Resp: 162823

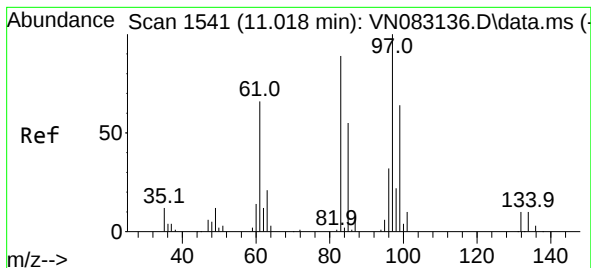
Ion Ratio Lower Upper

75 100

77 32.3 24.3 36.5

39 54.2 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 66.364 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 98238

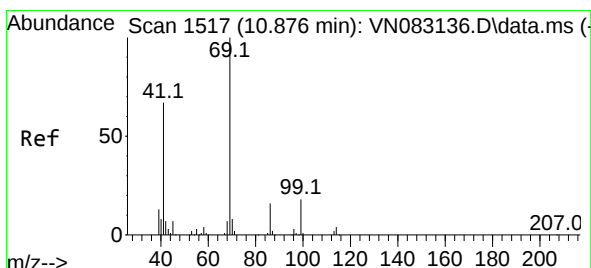
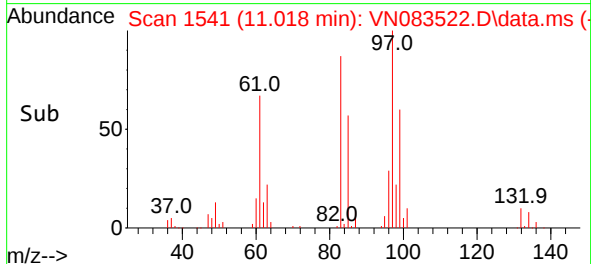
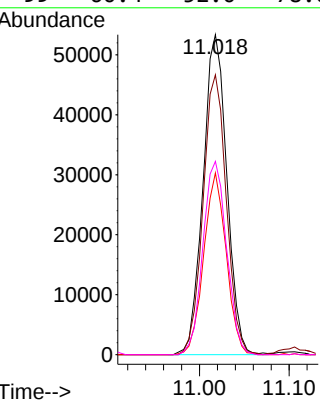
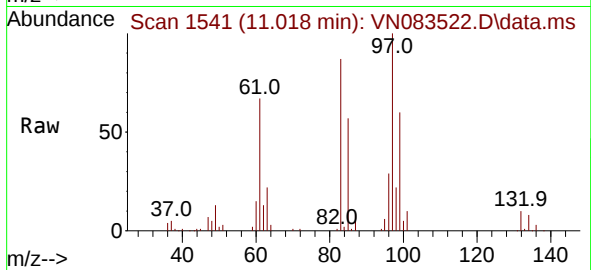
Ion Ratio Lower Upper

97 100

83 87.4 71.4 107.0

85 56.8 45.8 68.6

99 60.4 52.0 78.0



#56

Ethyl methacrylate

Concen: 62.773 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

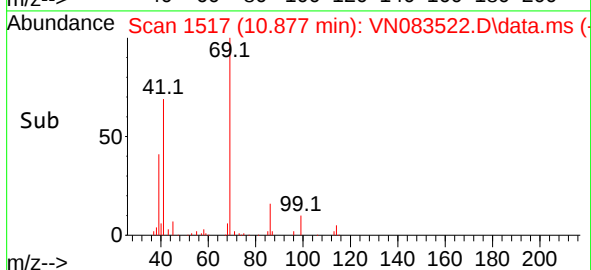
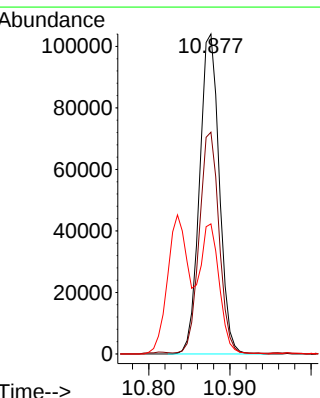
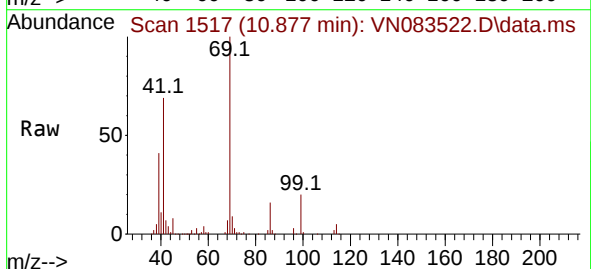
Tgt Ion: 69 Resp: 175176

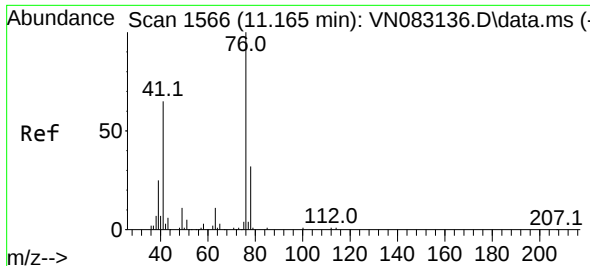
Ion Ratio Lower Upper

69 100

41 69.0 63.4 95.2

39 41.3 37.4 56.0





#57

1,3-Dichloropropane

Concen: 64.845 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

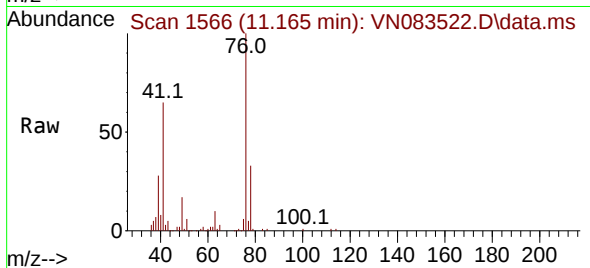
Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

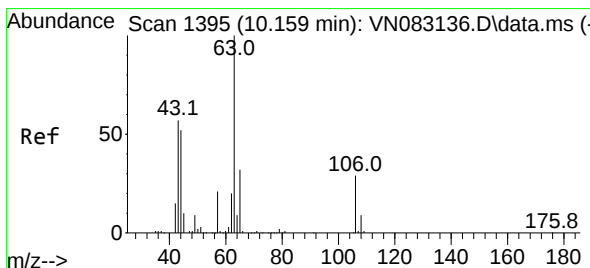
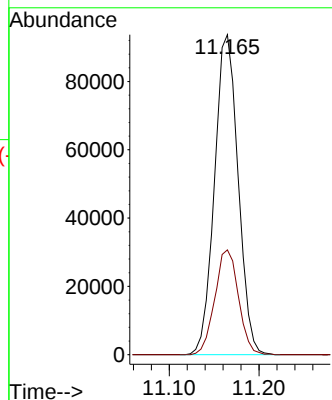
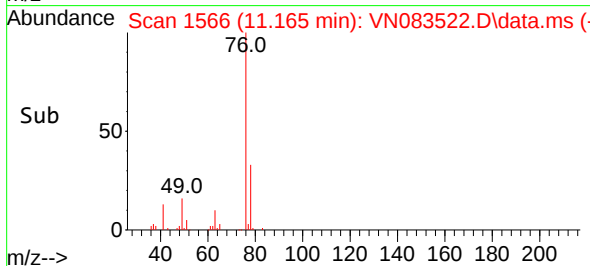
MSVOA_N

ClientSampleId :



Tgt Ion: 76 Resp: 171094

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.6	38.4



#58

2-Chloroethyl Vinyl ether

Concen: 288.168 ug/l

RT: 10.159 min Scan# 1395

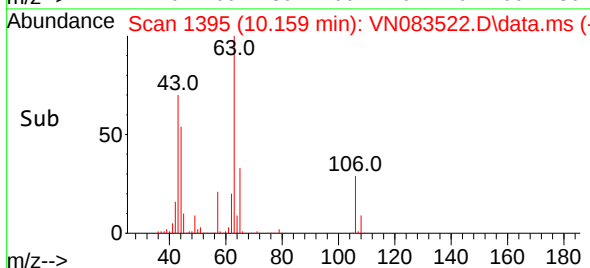
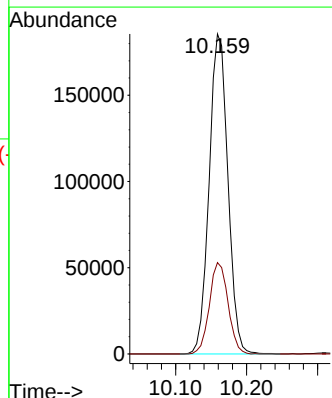
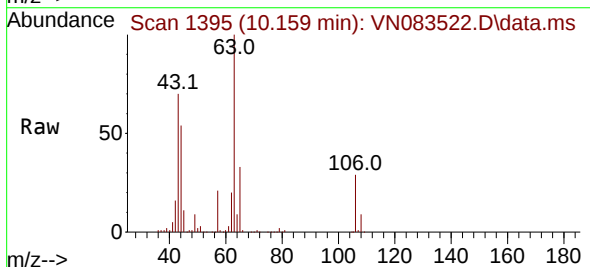
Delta R.T. 0.000 min

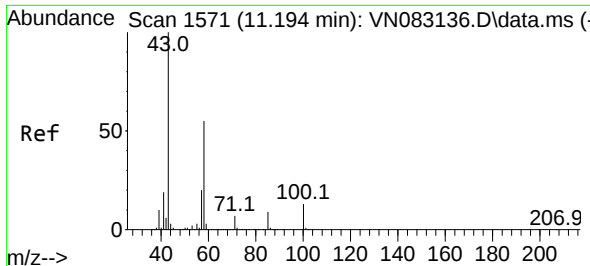
Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Tgt Ion: 63 Resp: 339921

Ion	Ratio	Lower	Upper
63	100		
106	28.4	21.4	32.0

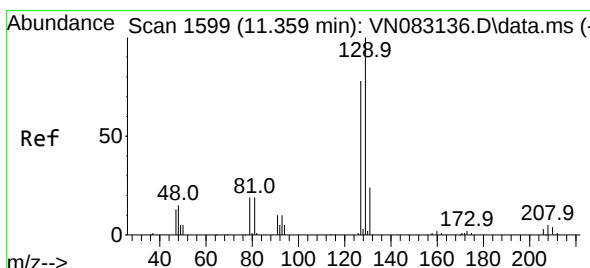
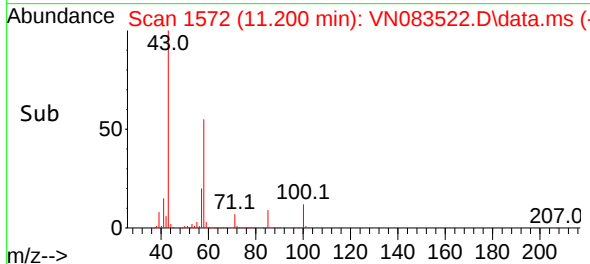
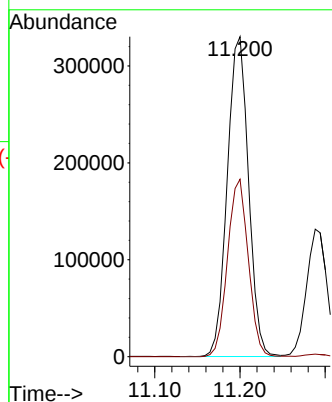
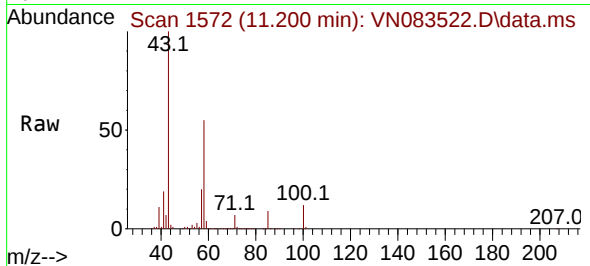




#59
2-Hexanone
Concen: 317.423 ug/l
RT: 11.200 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

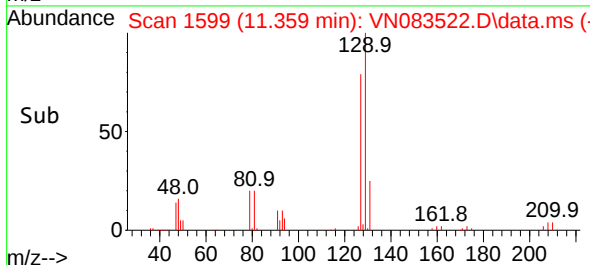
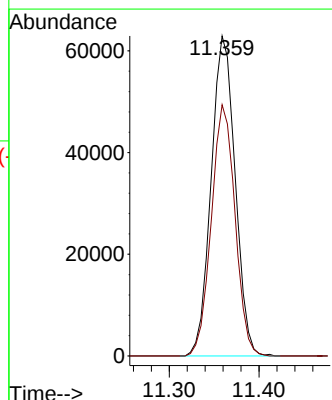
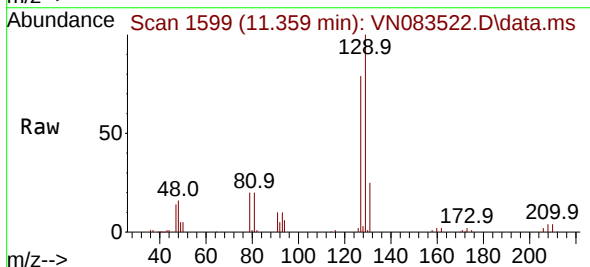
Instrument :
MSVOA_N
ClientSampleId :

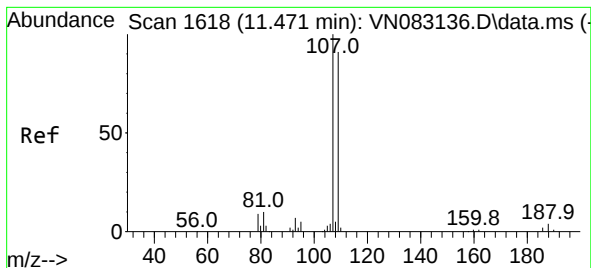
Tgt Ion: 43 Resp: 570589
Ion Ratio Lower Upper
43 100
58 54.4 24.6 73.8



#60
Dibromochloromethane
Concen: 65.266 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion: 129 Resp: 116809
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6





#61

1,2-Dibromoethane

Concen: 63.168 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

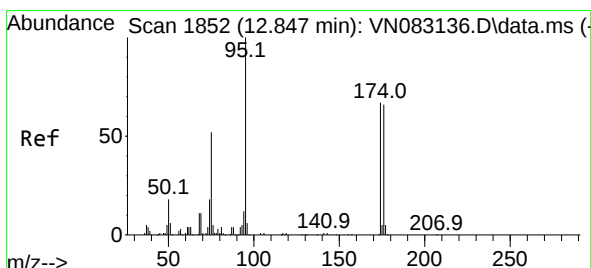
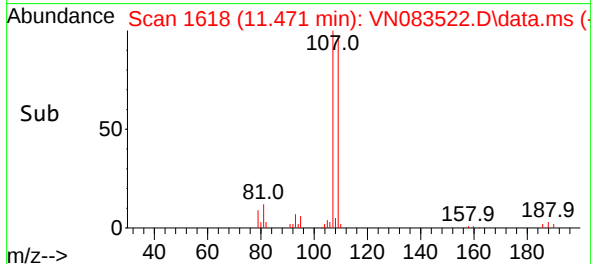
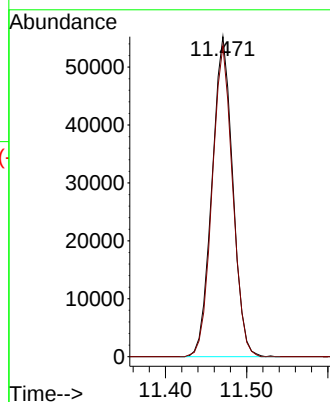
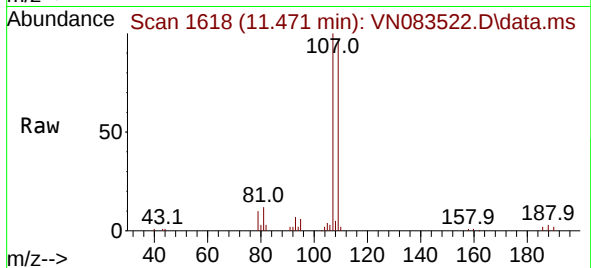
ClientSampleId :

Tgt Ion:107 Resp: 98228

Ion Ratio Lower Upper

107 100

109 95.7 73.7 110.5



#62

4-Bromofluorobenzene

Concen: 55.572 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

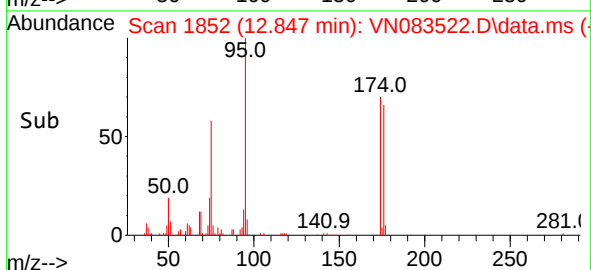
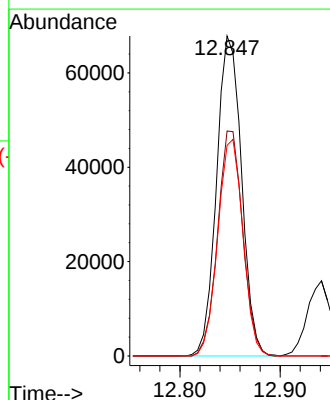
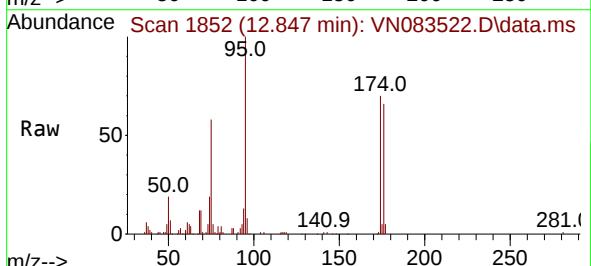
Tgt Ion: 95 Resp: 117240

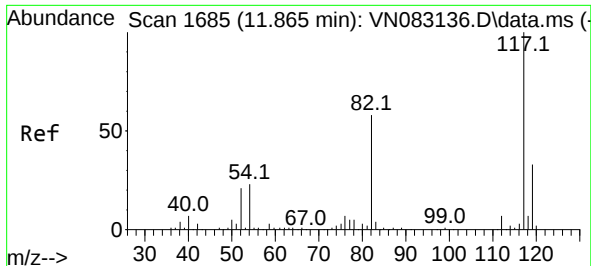
Ion Ratio Lower Upper

95 100

174 70.7 0.0 159.2

176 68.2 0.0 147.6

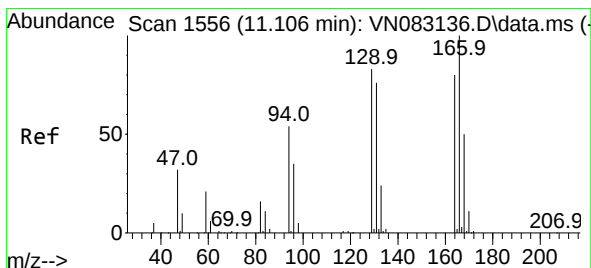
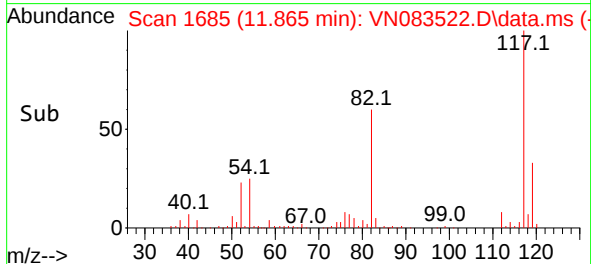
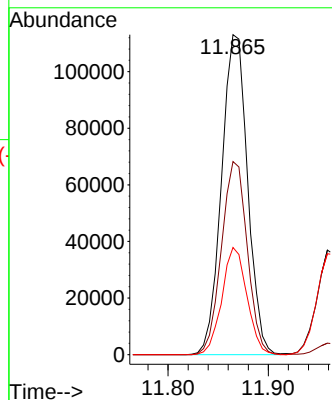
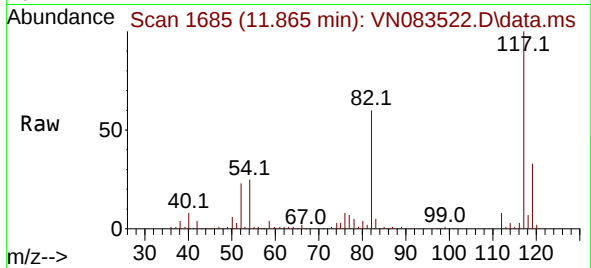




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

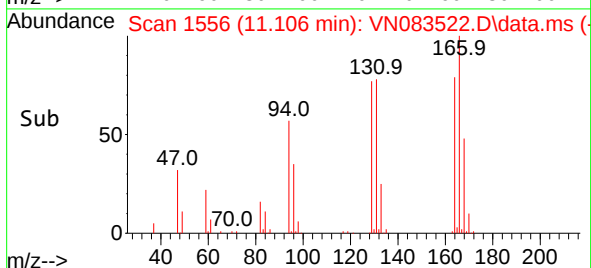
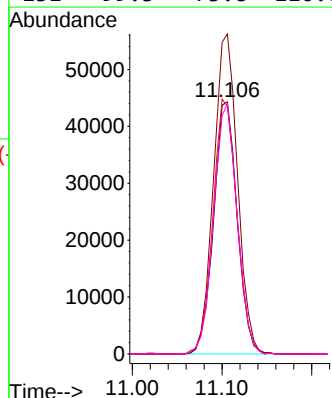
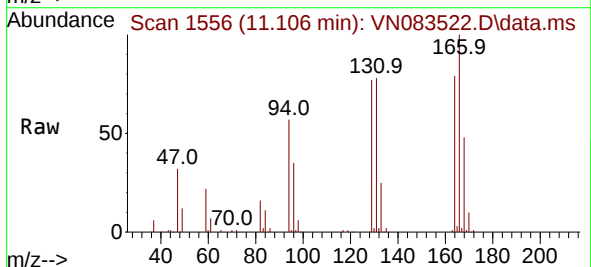
Instrument :
MSVOA_N
ClientSampleId :

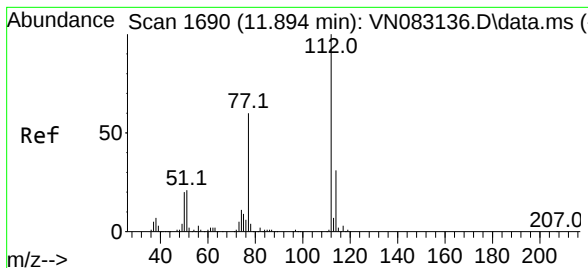
Tgt Ion:117 Resp: 204125
Ion Ratio Lower Upper
117 100
82 60.4 47.5 71.3
119 33.5 25.6 38.4



#64
Tetrachloroethene
Concen: 59.700 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion:164 Resp: 80706
Ion Ratio Lower Upper
164 100
166 127.0 101.4 152.0
129 98.2 75.7 113.5
131 99.3 73.8 110.6

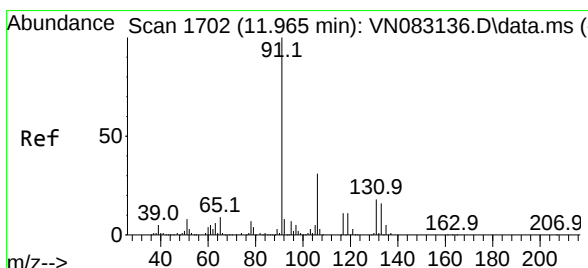
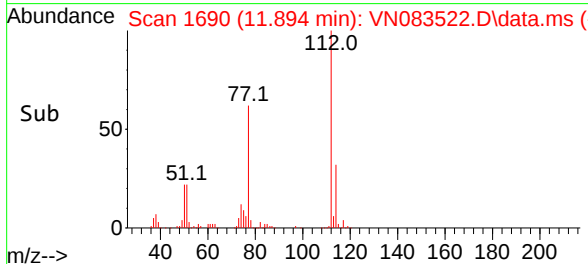
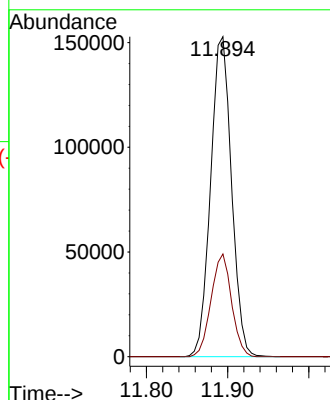
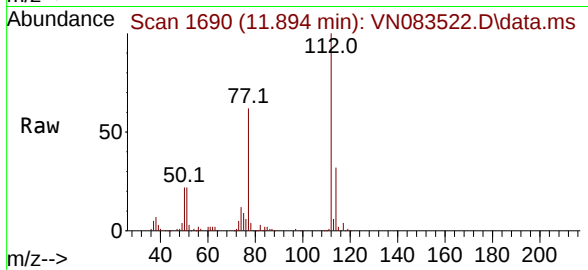




#65
Chlorobenzene
Concen: 60.529 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

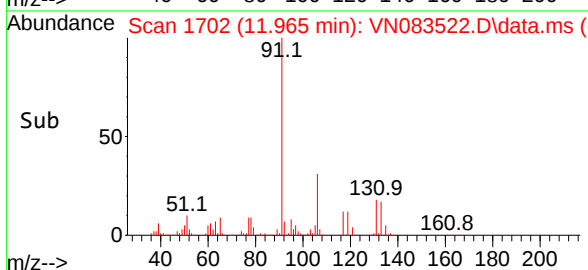
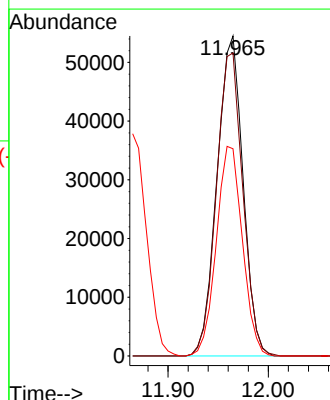
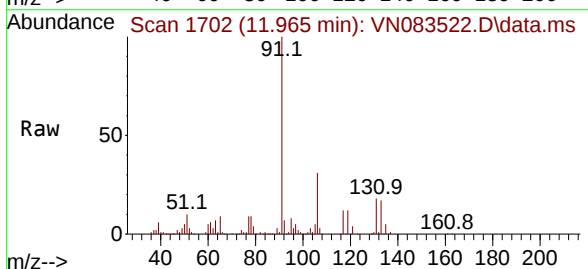
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:112 Resp: 273042
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 61.536 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion:131 Resp: 97899
Ion Ratio Lower Upper
131 100
133 96.2 47.3 142.0
119 65.8 32.5 97.4

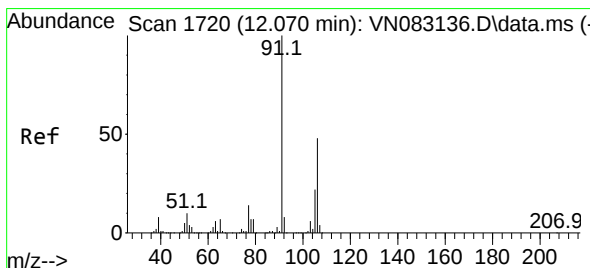
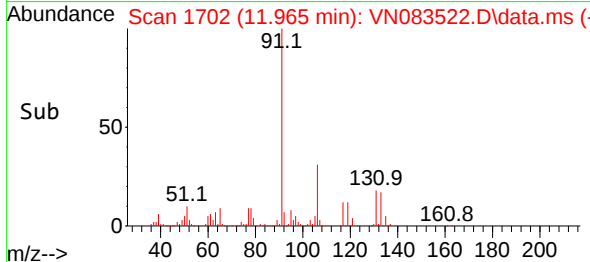
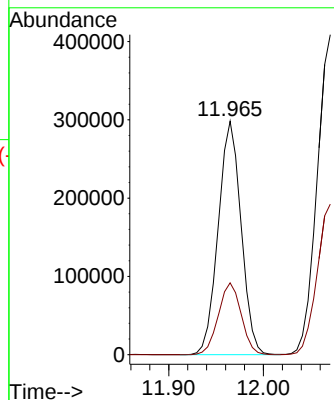
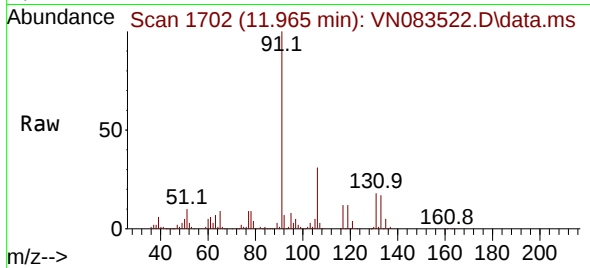




#67
Ethyl Benzene
Concen: 60.548 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

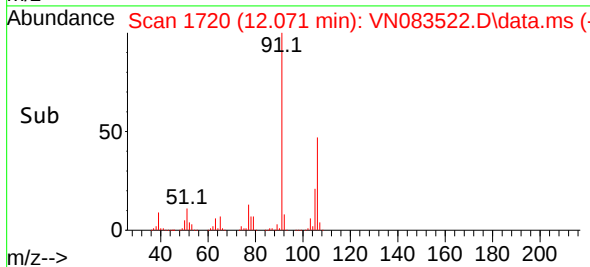
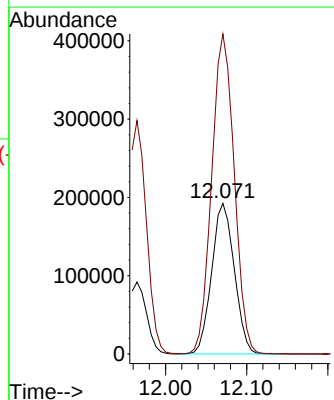
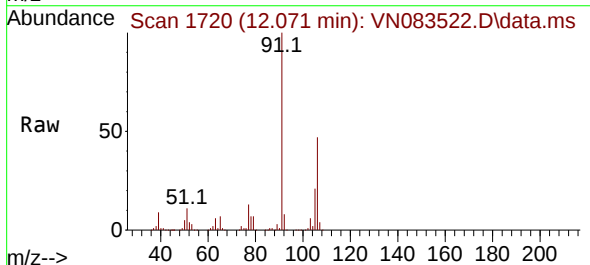
Instrument :
MSVOA_N
ClientSampleId :

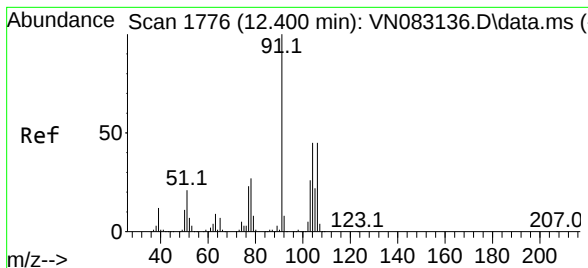
Tgt Ion: 91 Resp: 501042
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0



#68
m/p-Xylenes
Concen: 120.088 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion:106 Resp: 372249
Ion Ratio Lower Upper
106 100
91 212.3 166.1 249.1





#69

o-Xylene

Concen: 61.558 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

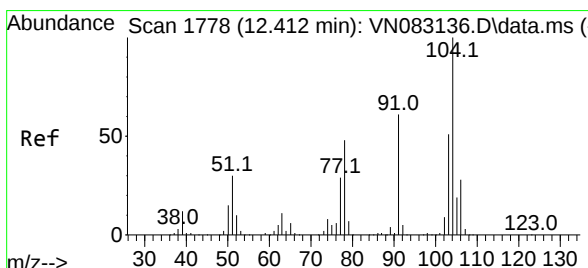
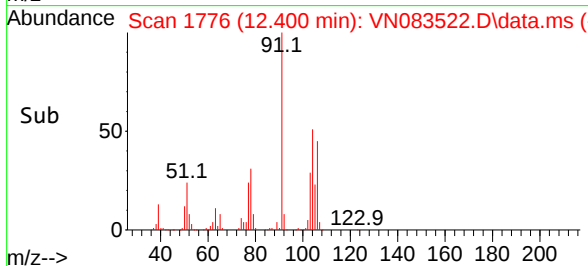
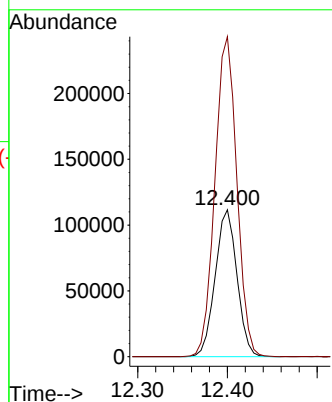
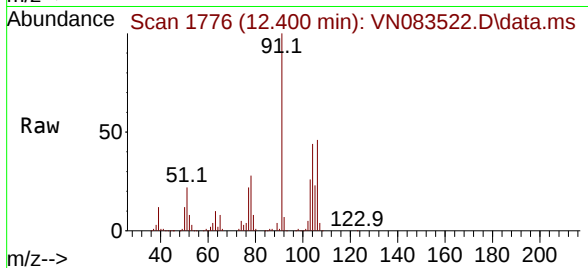
ClientSampleId :

Tgt Ion:106 Resp: 188199

Ion Ratio Lower Upper

106 100

91 219.1 111.3 333.9



#70

Styrene

Concen: 61.374 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

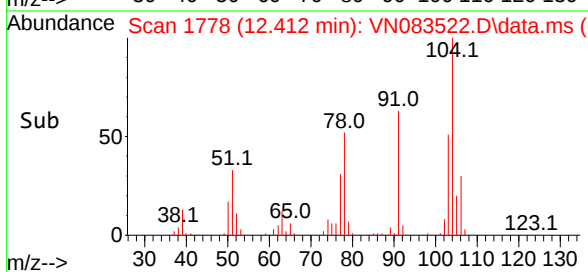
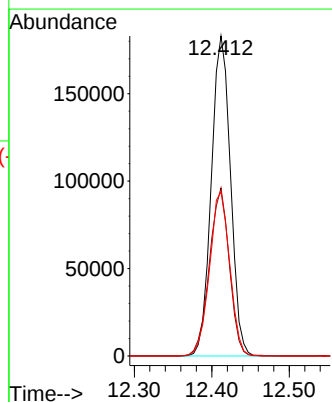
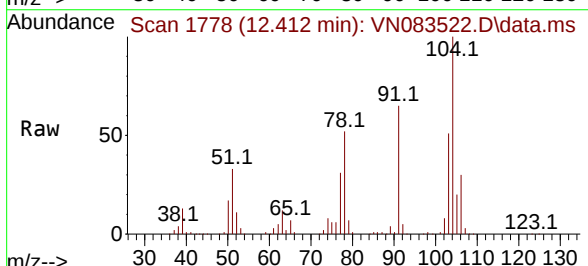
Tgt Ion:104 Resp: 315144

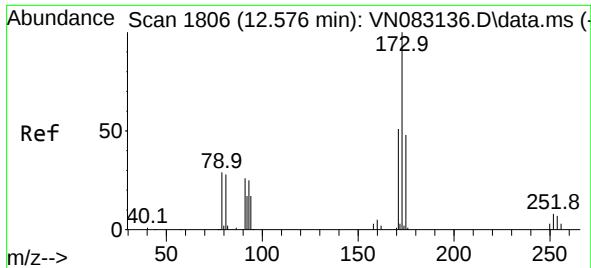
Ion Ratio Lower Upper

104 100

78 54.3 41.6 62.4

103 53.9 44.0 66.0

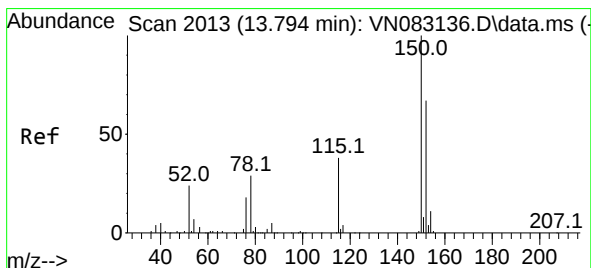
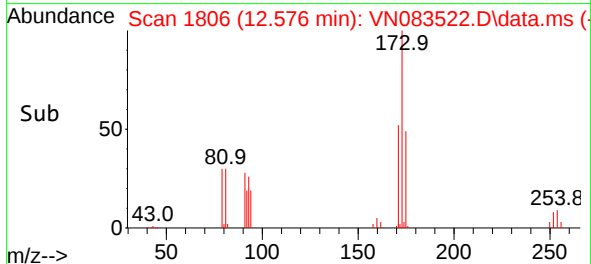
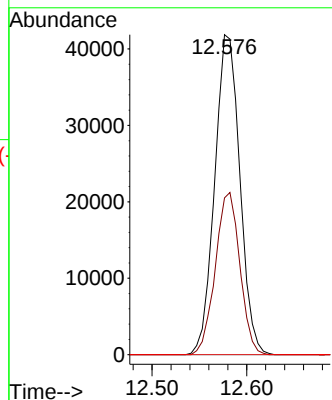
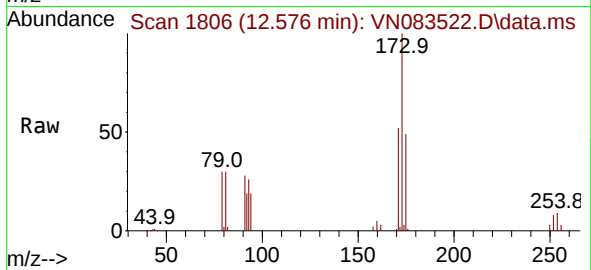




#71
Bromoform
Concen: 64.163 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

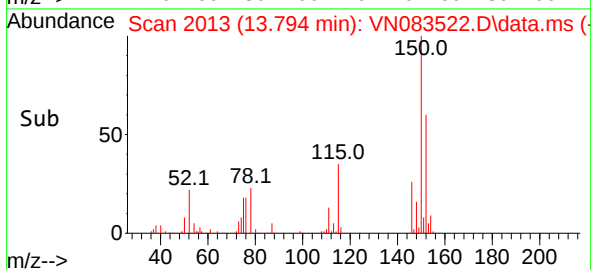
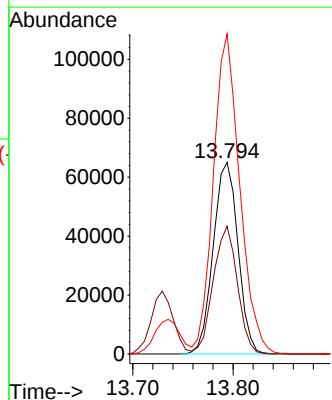
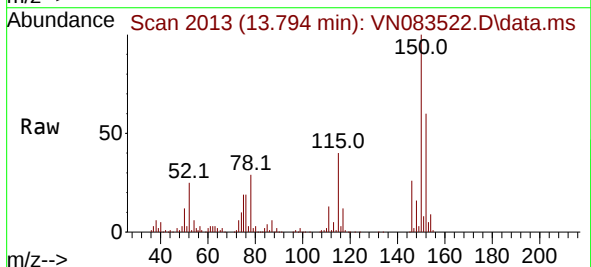
Instrument :
MSVOA_N
ClientSampleId :

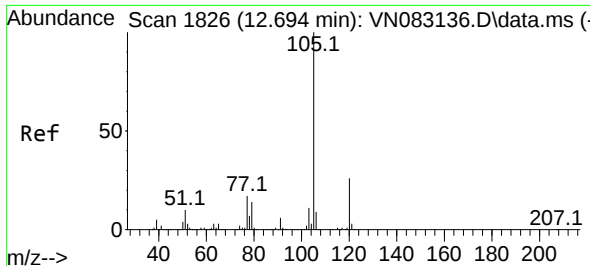
Tgt Ion:173 Resp: 77331
Ion Ratio Lower Upper
173 100
175 49.4 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion:152 Resp: 111511
Ion Ratio Lower Upper
152 100
115 64.9 30.6 91.6
150 177.7 0.0 348.6

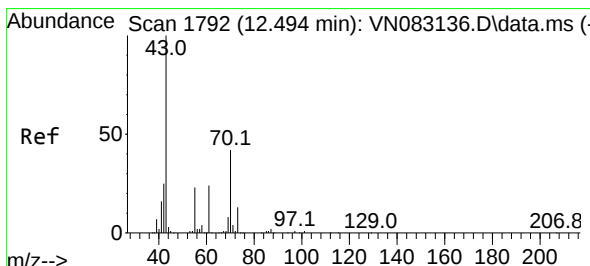
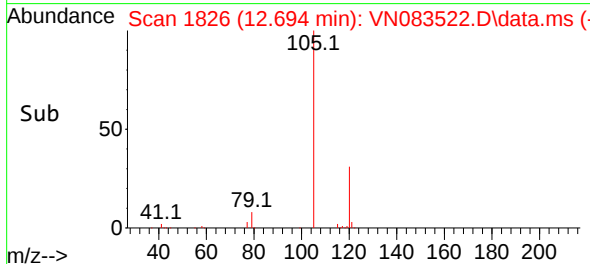
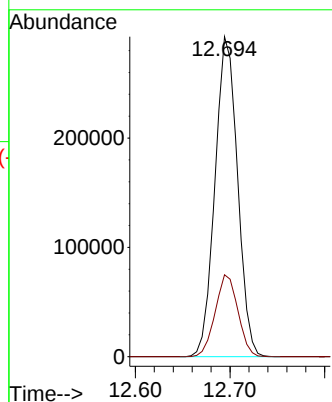
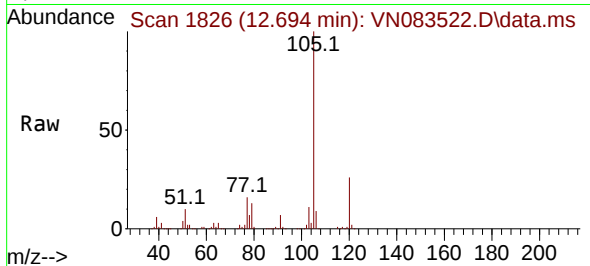




#73
Isopropylbenzene
Concen: 51.982 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

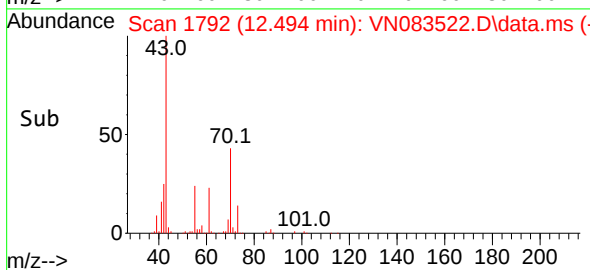
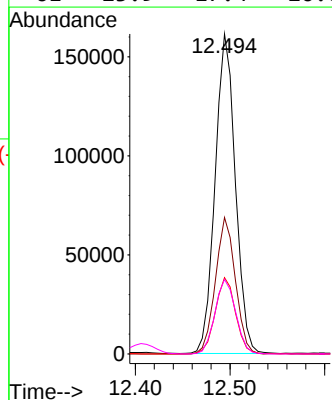
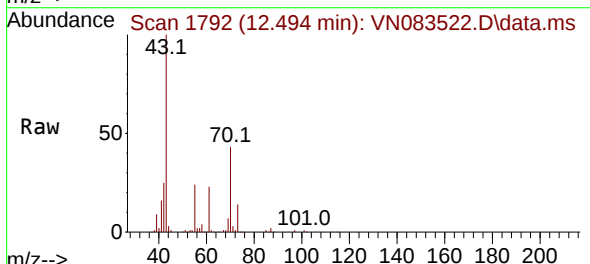
Instrument :
MSVOA_N
ClientSampleId :

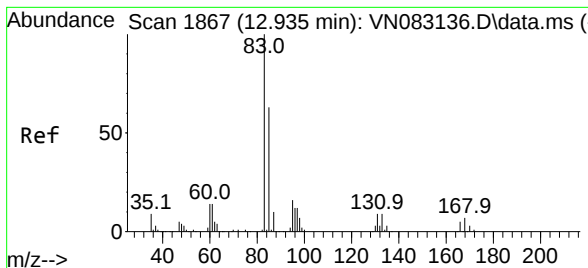
Tgt Ion:105 Resp: 484843
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6



#74
N-ethyl acetate
Concen: 52.491 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion: 43 Resp: 239474
Ion Ratio Lower Upper
43 100
70 42.0 29.8 44.6
55 24.1 18.7 28.1
61 23.9 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 58.423 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

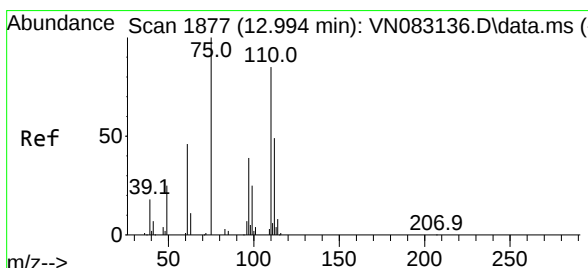
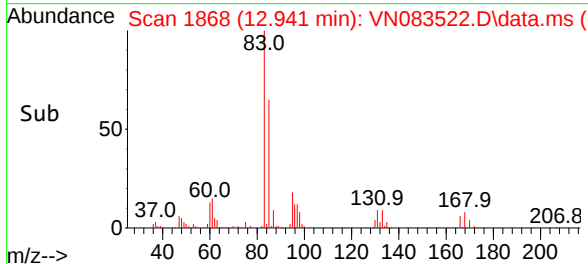
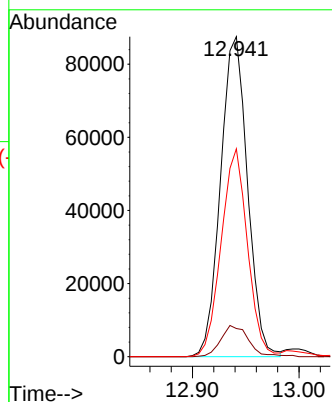
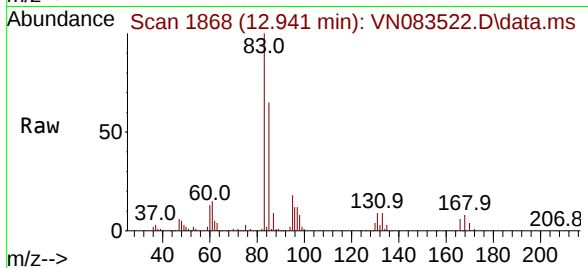
Tgt Ion: 83 Resp: 154121

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 63.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 82.138 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN083522.D

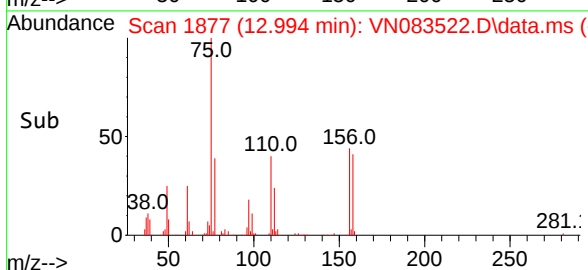
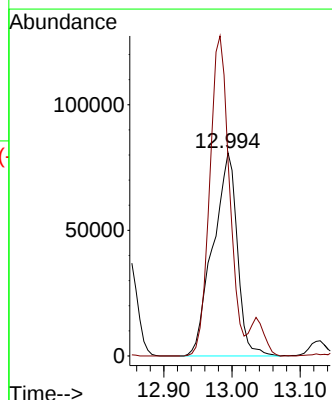
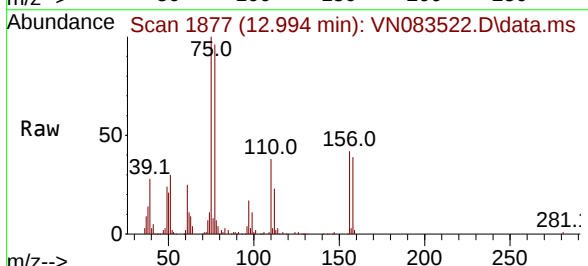
Acq: 27 Aug 2024 20:20

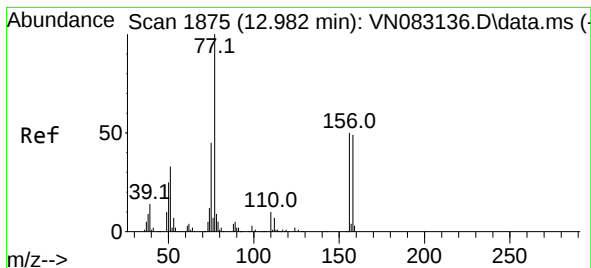
Tgt Ion: 75 Resp: 201024

Ion Ratio Lower Upper

75 100

77 126.9 110.9 332.6





#77

Bromobenzene

Concen: 52.741 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

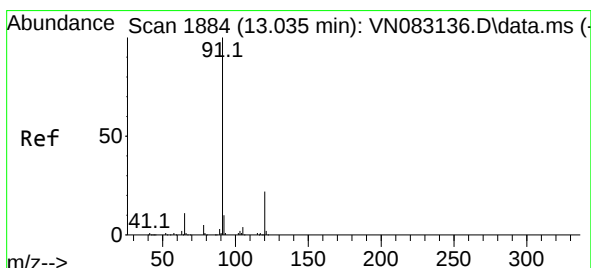
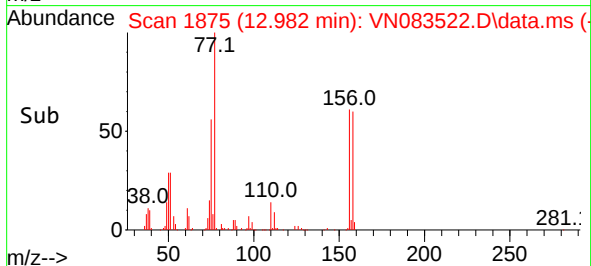
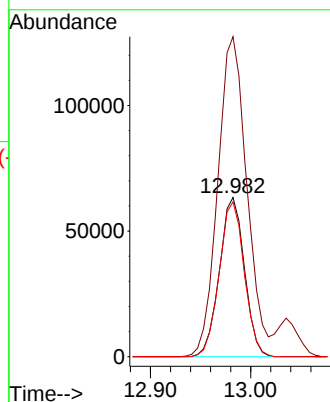
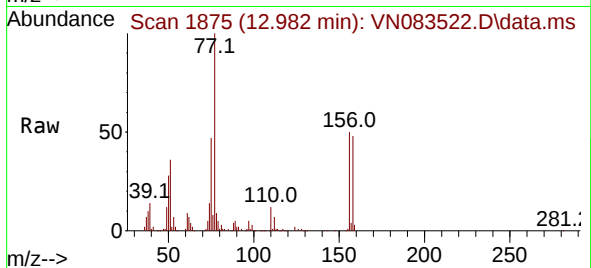
Tgt Ion:156 Resp: 109274

Ion Ratio Lower Upper

156 100

77 233.4 111.3 333.8

158 97.5 48.3 144.9



#78

n-propylbenzene

Concen: 52.150 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083522.D

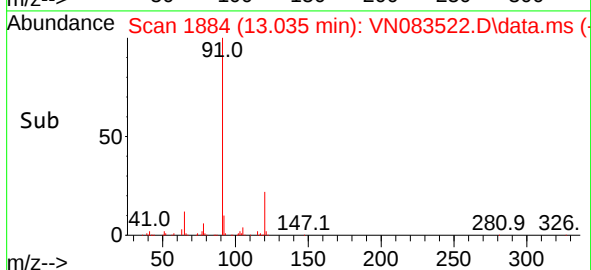
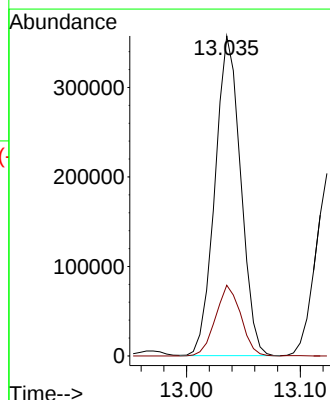
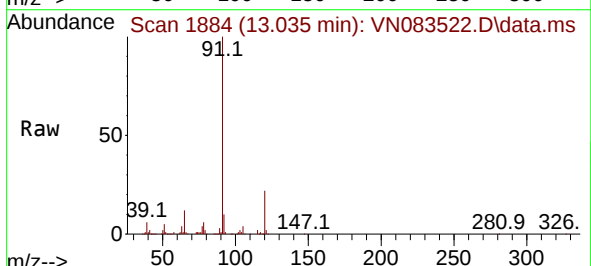
Acq: 27 Aug 2024 20:20

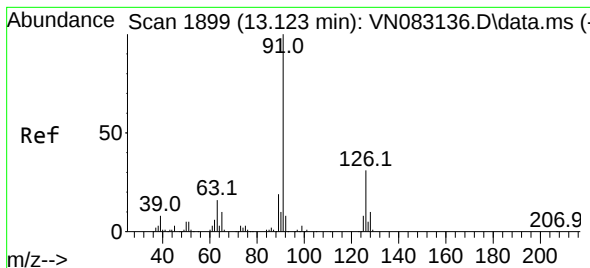
Tgt Ion: 91 Resp: 560089

Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.9





#79

2-Chlorotoluene

Concen: 52.701 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

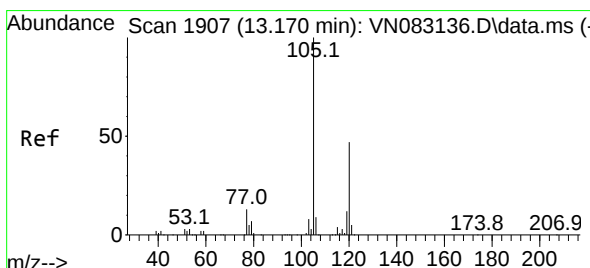
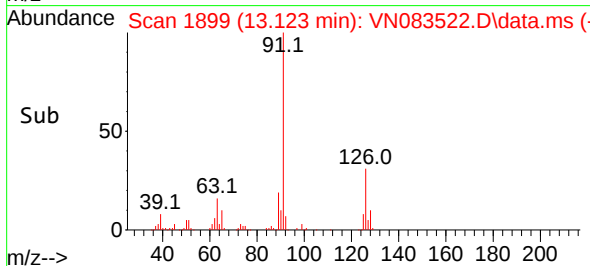
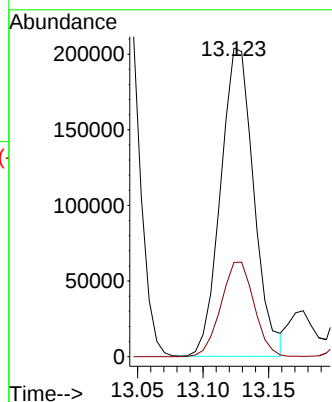
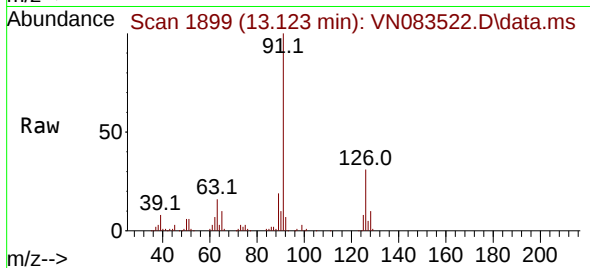
ClientSampleId :

Tgt Ion: 91 Resp: 358847

Ion Ratio Lower Upper

91 100

126 30.6 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 52.767 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083522.D

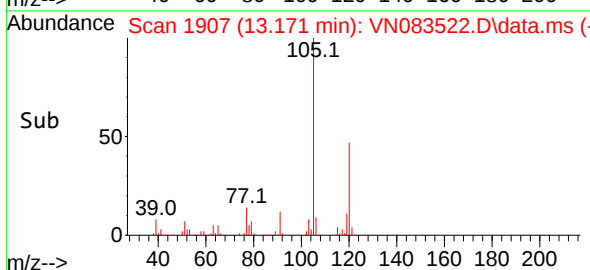
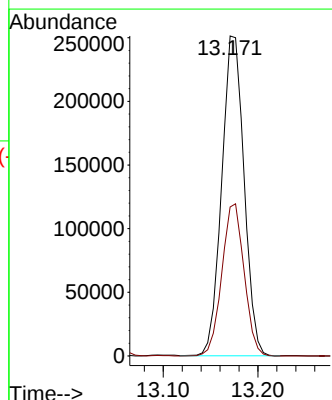
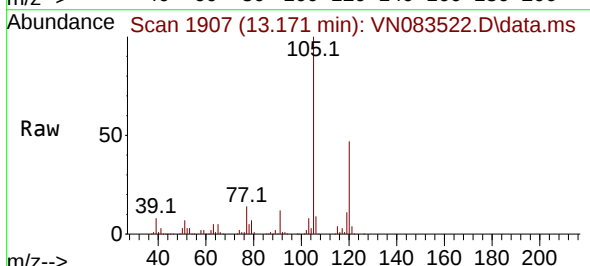
Acq: 27 Aug 2024 20:20

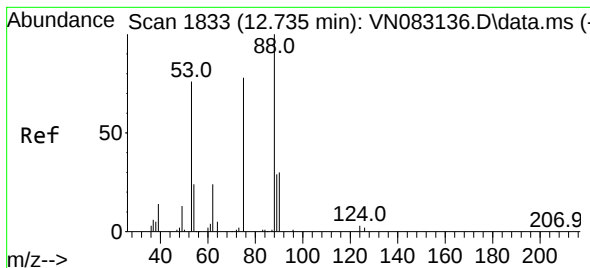
Tgt Ion: 105 Resp: 412043

Ion Ratio Lower Upper

105 100

120 47.4 24.3 72.8

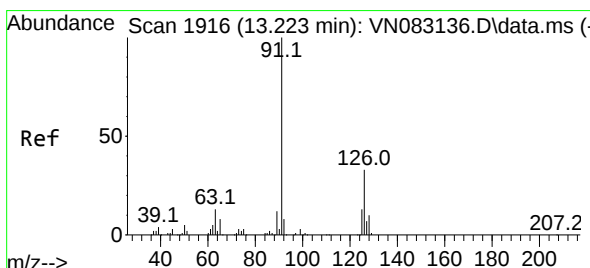
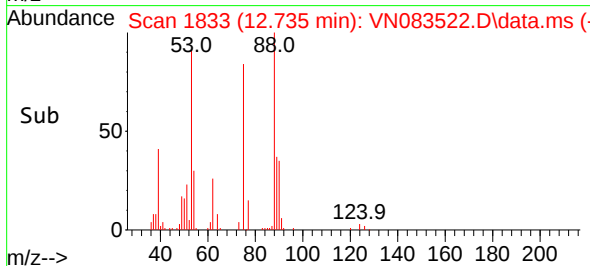
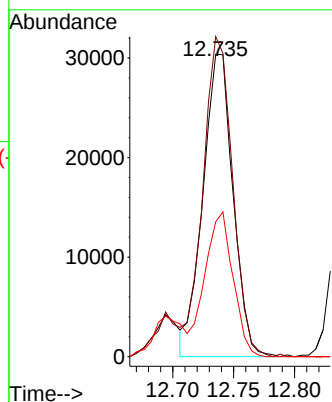
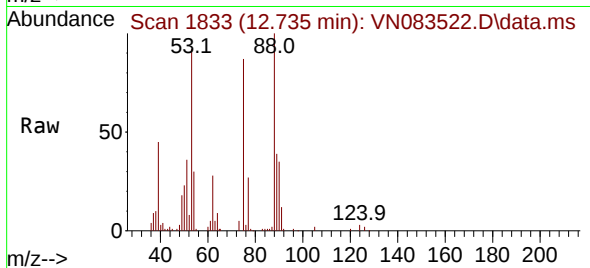




#81
trans-1,4-Dichloro-2-butene
Concen: 46.602 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

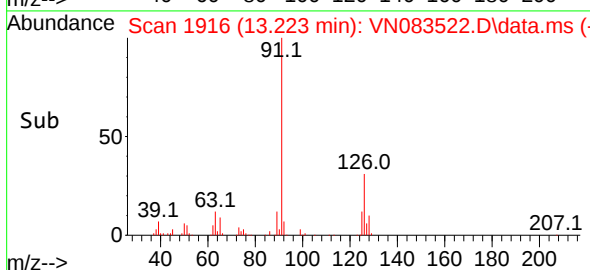
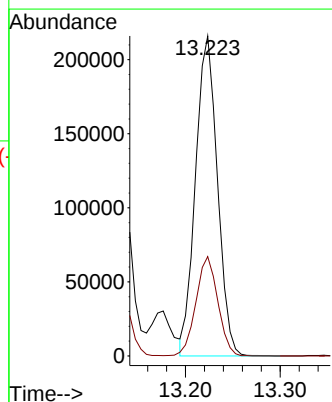
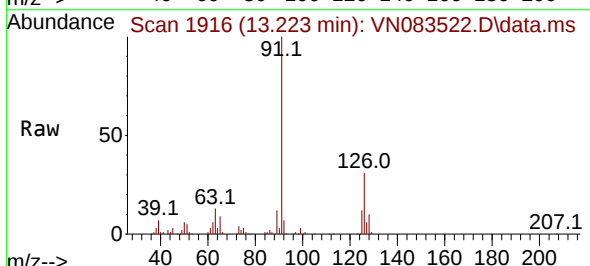
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 52432
Ion Ratio Lower Upper
75 100
53 104.0 88.4 132.6
89 44.7 36.3 54.5



#82
4-Chlorotoluene
Concen: 50.826 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion: 91 Resp: 347142
Ion Ratio Lower Upper
91 100
126 31.1 16.2 48.6





#83

tert-Butylbenzene

Concen: 52.661 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

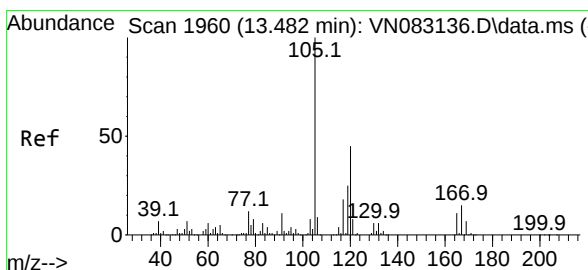
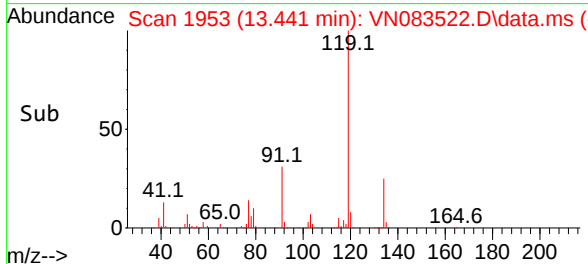
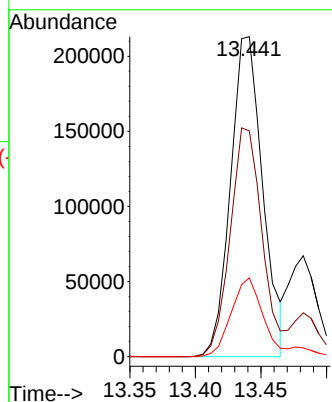
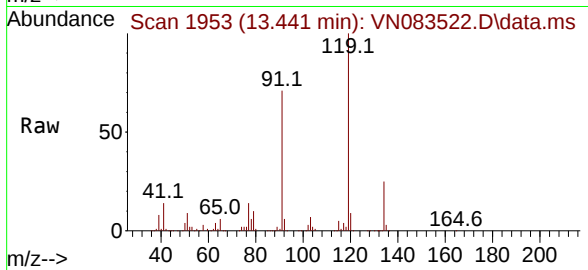
Tgt Ion:119 Resp: 364168

Ion Ratio Lower Upper

119 100

91 70.4 35.0 105.1

134 24.3 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 52.839 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083522.D

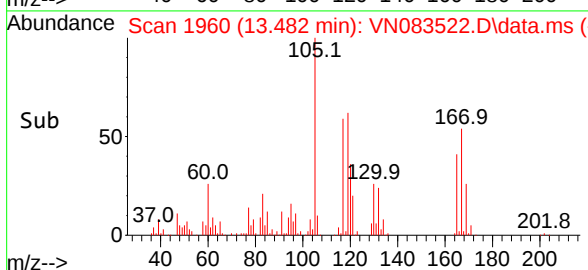
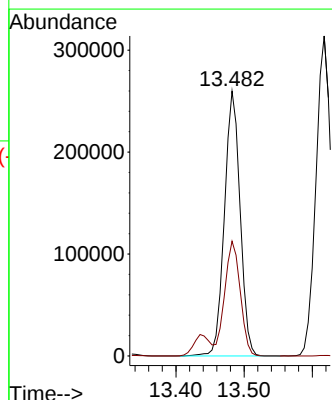
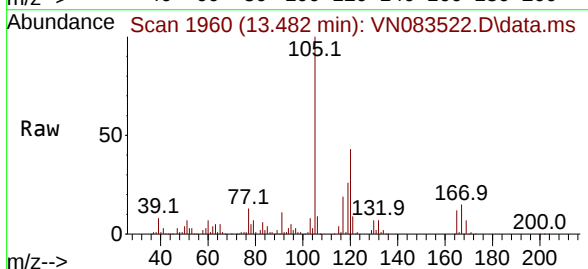
Acq: 27 Aug 2024 20:20

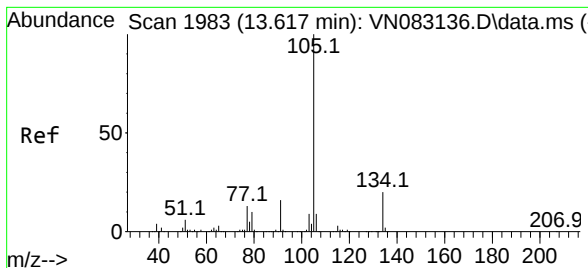
Tgt Ion:105 Resp: 415815

Ion Ratio Lower Upper

105 100

120 43.3 21.9 65.8





#85

sec-Butylbenzene

Concen: 52.390 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

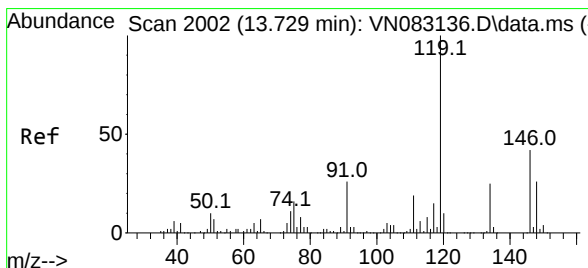
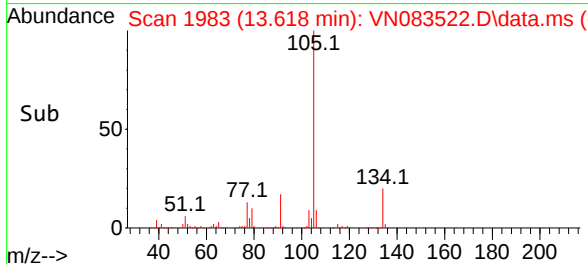
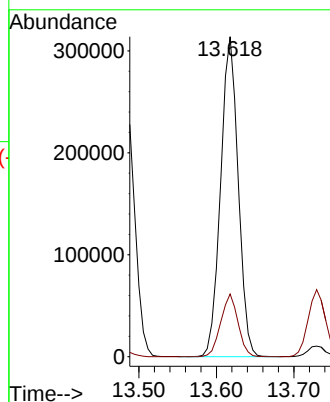
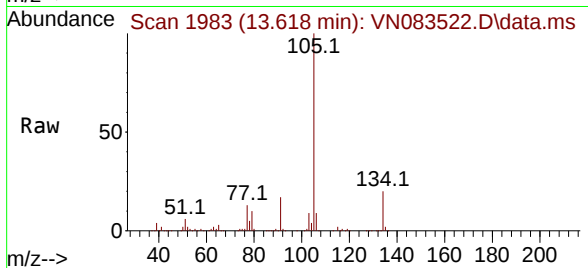
ClientSampleId :

Tgt Ion:105 Resp: 494347

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 52.451 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

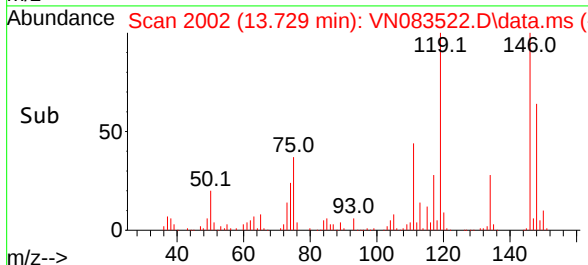
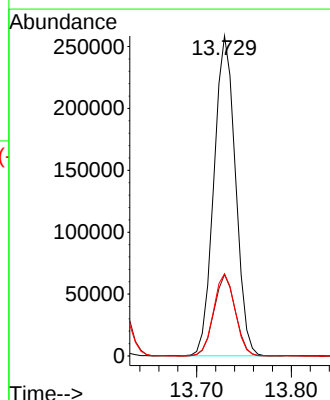
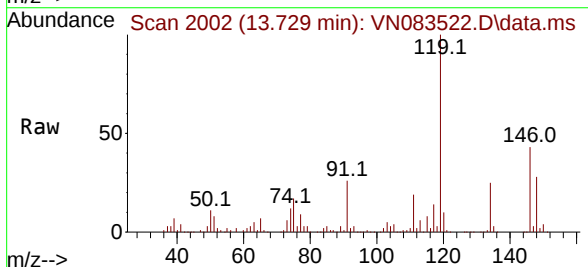
Tgt Ion:119 Resp: 408649

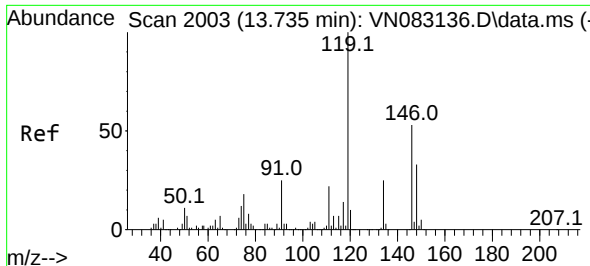
Ion Ratio Lower Upper

119 100

134 25.1 13.0 39.0

91 25.6 12.3 36.9

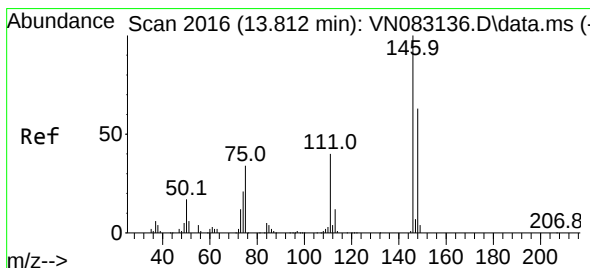
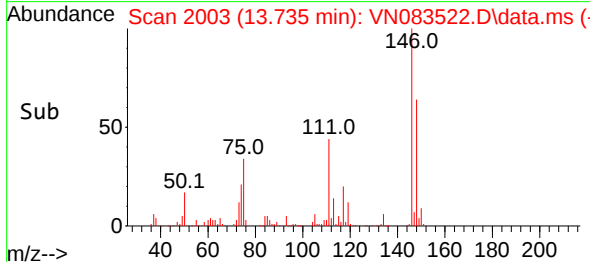
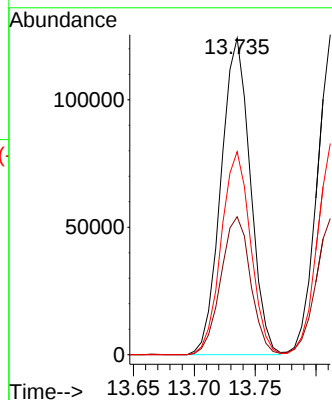
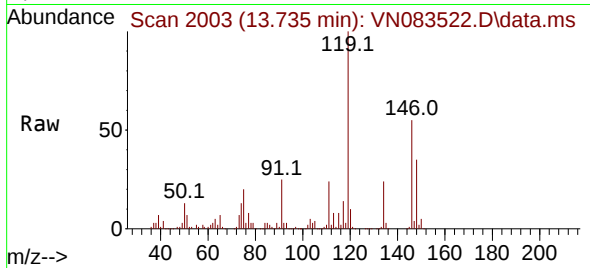




#87
 1,3-Dichlorobenzene
 Concen: 53.278 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN083522.D
 Acq: 27 Aug 2024 20:20

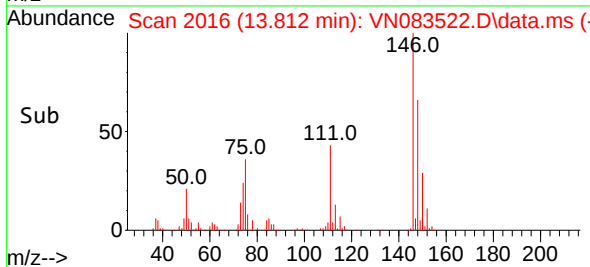
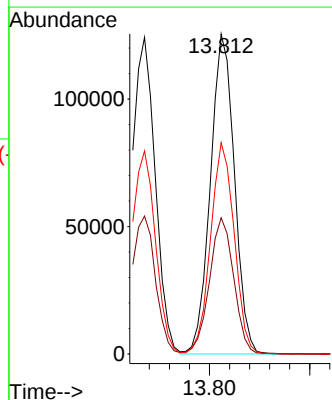
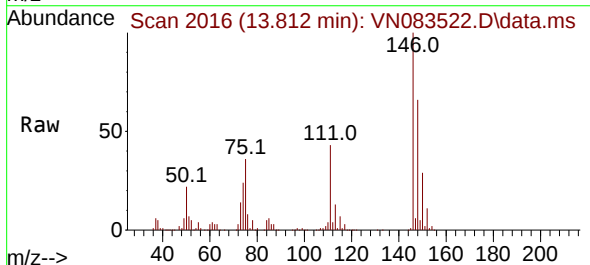
Instrument :
 MSVOA_N
 ClientSampleId :

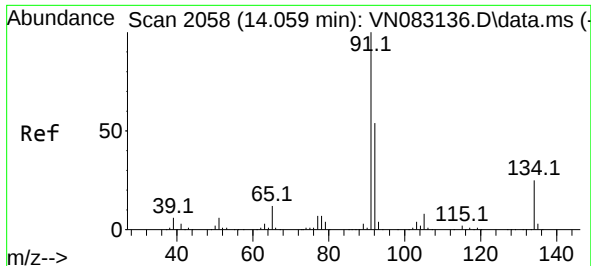
Tgt Ion:146 Resp: 207710
 Ion Ratio Lower Upper
 146 100
 111 44.2 20.6 61.9
 148 64.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 53.121 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN083522.D
 Acq: 27 Aug 2024 20:20

Tgt Ion:146 Resp: 208786
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.1 60.3
 148 65.2 32.2 96.6





#89

n-Butylbenzene

Concen: 51.605 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

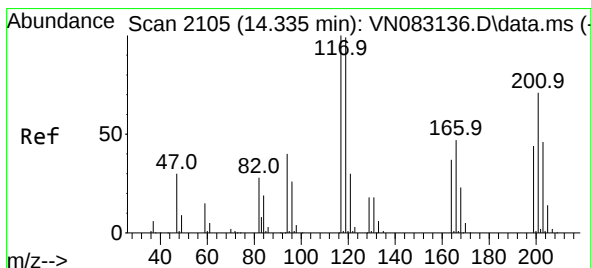
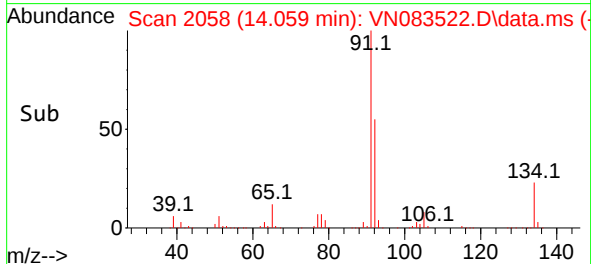
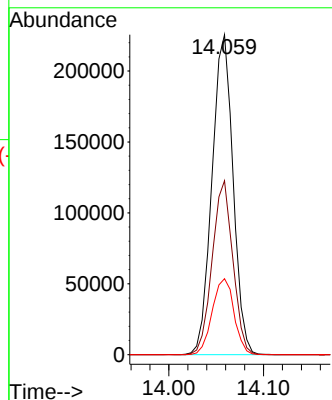
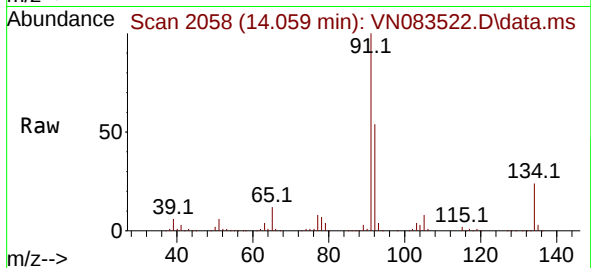
Tgt Ion: 91 Resp: 348381

Ion Ratio Lower Upper

91 100

92 53.2 26.1 78.3

134 24.6 12.1 36.3



#90

Hexachloroethane

Concen: 54.847 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN083522.D

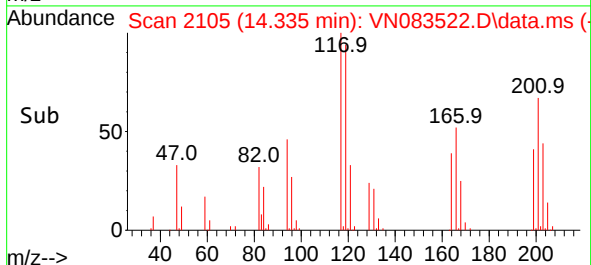
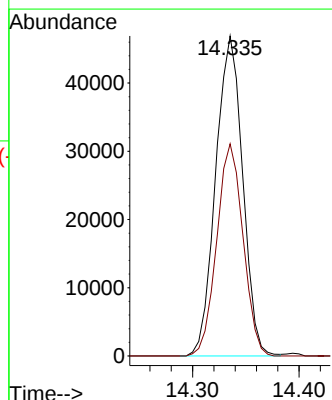
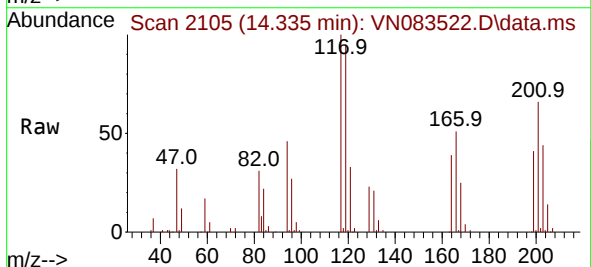
Acq: 27 Aug 2024 20:20

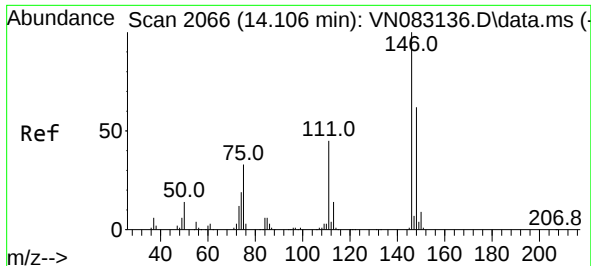
Tgt Ion: 117 Resp: 82556

Ion Ratio Lower Upper

117 100

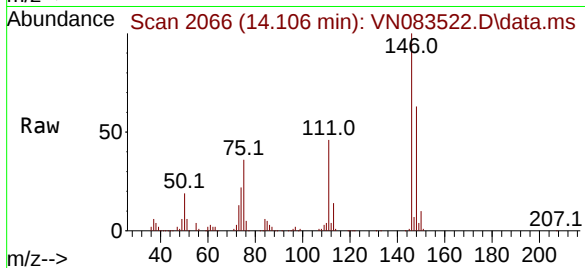
201 64.5 35.8 107.3



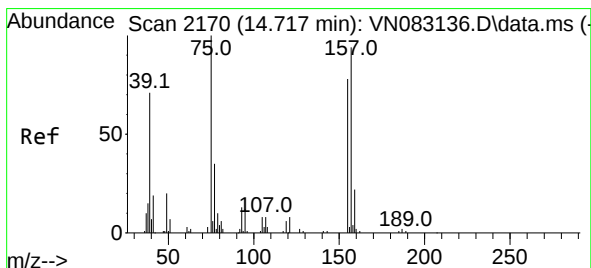
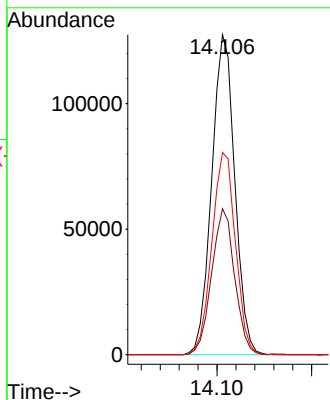
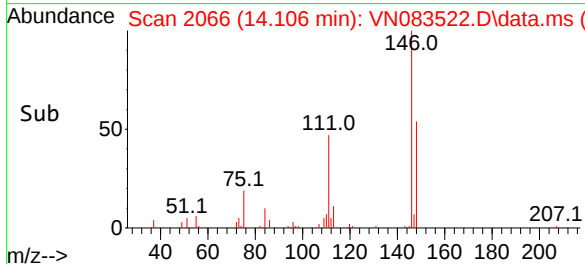


#91
1,2-Dichlorobenzene
Concen: 57.154 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Instrument :
MSVOA_N
ClientSampleId :

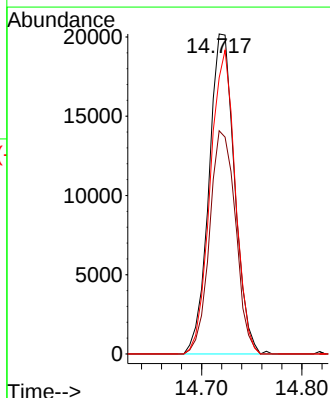
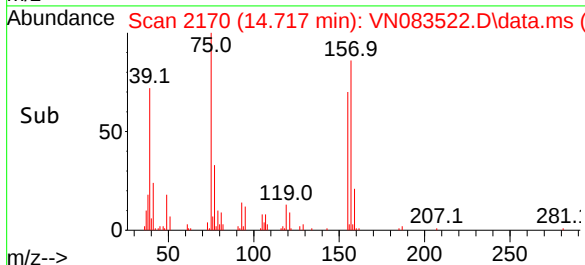
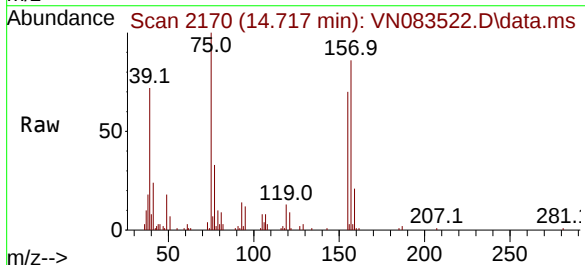


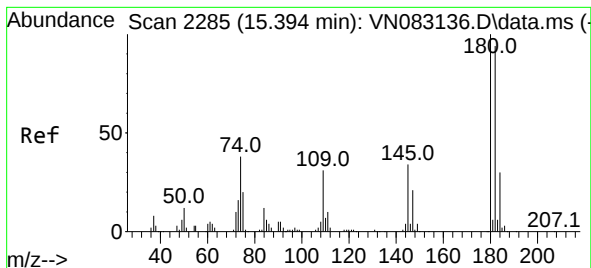
Tgt Ion:146 Resp: 215622
Ion Ratio Lower Upper
146 100
111 45.4 21.4 64.2
148 64.7 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.075 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083522.D
Acq: 27 Aug 2024 20:20

Tgt Ion: 75 Resp: 35896
Ion Ratio Lower Upper
75 100
155 70.5 36.6 109.8
157 92.3 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 52.553 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

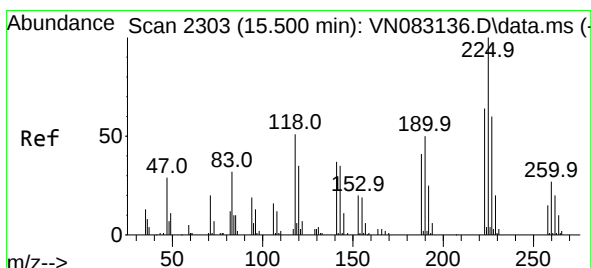
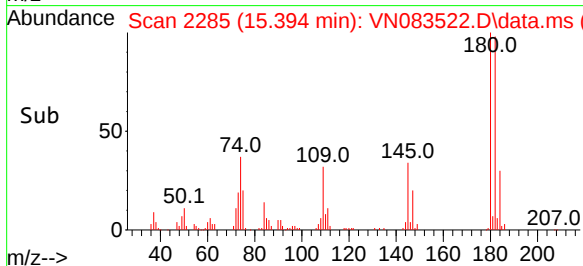
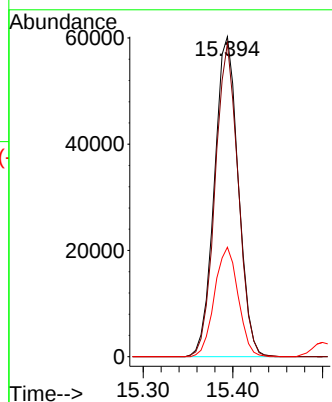
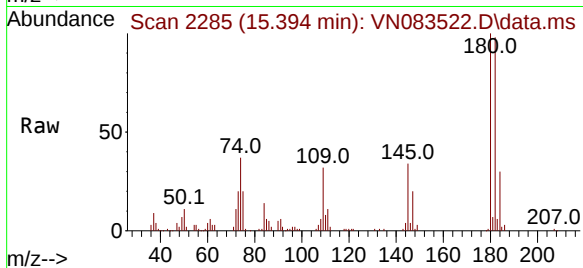
Tgt Ion:180 Resp: 111074

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 34.0 15.7 47.1



#94

Hexachlorobutadiene

Concen: 48.829 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

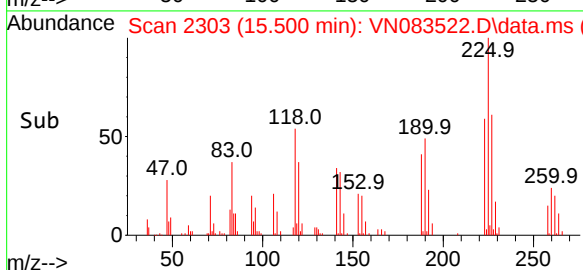
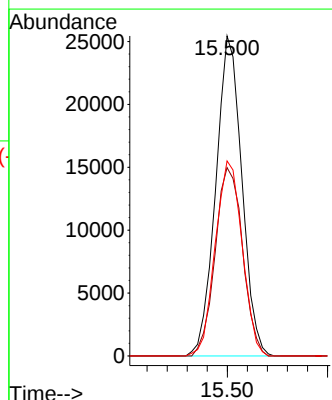
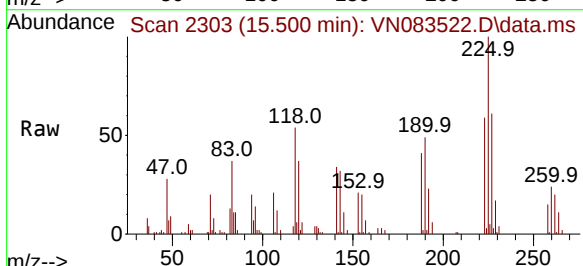
Tgt Ion:225 Resp: 45898

Ion Ratio Lower Upper

225 100

223 61.9 31.9 95.7

227 62.9 32.5 97.5





#95

Naphthalene

Concen: 53.521 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

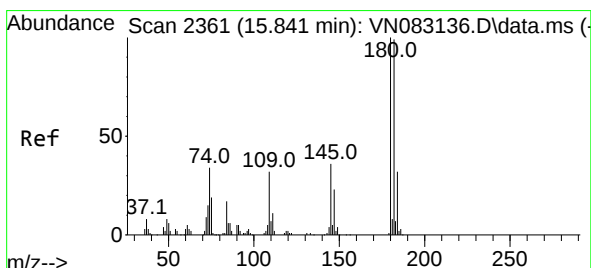
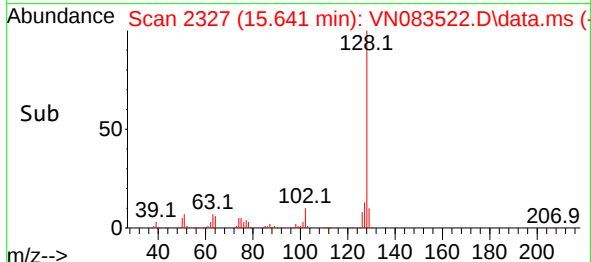
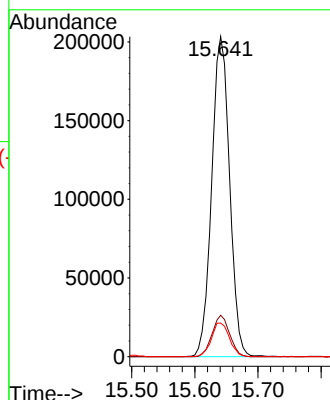
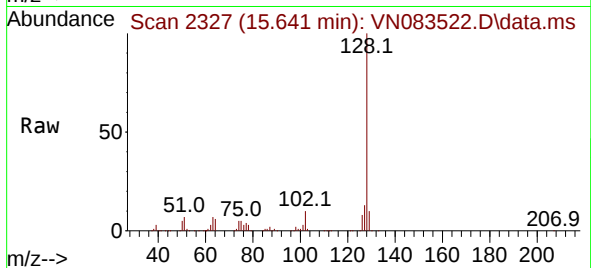
Tgt Ion:128 Resp: 400700

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.303 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083522.D

Acq: 27 Aug 2024 20:20

Tgt Ion:180 Resp: 111474

Ion Ratio Lower Upper

180 100

182 96.0 48.9 146.8

145 35.8 16.8 50.4

