

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082024\  
 Data File : VN083401.D  
 Acq On : 20 Aug 2024 15:39  
 Operator : JC\MD  
 Sample : VN0820MBS01  
 Misc : 5.00g/10 mL/100uL/5.0mL/MSVOA\_N/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 21 02:25:10 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	168416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114588	47.801	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.600%
35) Dibromofluoromethane	8.165	113	82886	45.977	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	10.565	98	305368	45.409	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.820%
62) 4-Bromofluorobenzene	12.847	95	125752	47.966	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.940%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	31324	16.401	ug/l	96
3) Chloromethane	2.359	50	30810	15.757	ug/l	99
4) Vinyl Chloride	2.512	62	33661	16.871	ug/l	94
5) Bromomethane	2.901	94	16211	13.094	ug/l	99
6) Chloroethane	3.077	64	23201	18.587	ug/l	94
7) Trichlorofluoromethane	3.477	101	59791	18.141	ug/l	92
8) Diethyl Ether	3.959	74	20852	17.002	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.353	101	34305	18.878	ug/l	97
10) Methyl Iodide	4.577	142	38274	16.012	ug/l	96
11) Tert butyl alcohol	5.524	59	34467	69.185	ug/l	99
12) 1,1-Dichloroethene	4.330	96	29968	16.052	ug/l	84
13) Acrolein	4.177	56	24842	76.510	ug/l	98
14) Allyl chloride	5.012	41	56347	15.971	ug/l	89
15) Acrylonitrile	5.718	53	87594	85.492	ug/l	97
16) Acetone	4.430	43	97099	103.515	ug/l	92
17) Carbon Disulfide	4.706	76	70549	12.915	ug/l	98
18) Methyl Acetate	5.024	43	57349	20.520	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	119110	17.676	ug/l	97
20) Methylene Chloride	5.265	84	35939	16.648	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	30385	15.747	ug/l	98
22) Diisopropyl ether	6.671	45	115225	17.375	ug/l	95
23) Vinyl Acetate	6.600	43	650954	95.765	ug/l	96
24) 1,1-Dichloroethane	6.565	63	65571	18.140	ug/l	98
25) 2-Butanone	7.483	43	126405	87.763	ug/l	92
26) 2,2-Dichloropropane	7.488	77	62288	18.555	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	38824	16.674	ug/l	96
28) Bromochloromethane	7.812	49	25766	17.442	ug/l	85
29) Tetrahydrofuran	7.841	42	72814	78.205	ug/l	88
30) Chloroform	7.965	83	70255	18.708	ug/l	97
31) Cyclohexane	8.253	56	55883	15.731	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	62775	17.660	ug/l	94
36) 1,1-Dichloropropene	8.371	75	45575	16.712	ug/l	99
37) Ethyl Acetate	7.565	43	49764	16.298	ug/l	# 95
38) Carbon Tetrachloride	8.359	117	53394	17.383	ug/l	96
39) Methylcyclohexane	9.600	83	51386	15.341	ug/l	94
40) Benzene	8.606	78	145011	17.849	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	27325	15.739	ug/l	94
42) 1,2-Dichloroethane	8.665	62	55666	18.810	ug/l	99
43) Isopropyl Acetate	8.688	43	137558	24.725	ug/l #	90
44) Trichloroethene	9.353	130	33063	17.098	ug/l	90
45) 1,2-Dichloropropane	9.624	63	36256	18.801	ug/l	94
46) Dibromomethane	9.706	93	25541	18.504	ug/l	99
47) Bromodichloromethane	9.888	83	55114	17.783	ug/l	99
48) Methyl methacrylate	9.682	41	41031	16.254	ug/l	93
49) 1,4-Dioxane	9.694	88	13903	305.272	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	251170	86.987	ug/l	95
52) Toluene	10.629	92	90349	17.601	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	54810	17.216	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	59131	17.462	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	33999	18.482	ug/l	98
56) Ethyl methacrylate	10.877	69	56500	16.292	ug/l	91
57) 1,3-Dichloropropane	11.165	76	60282	18.385	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	109565	74.744	ug/l	99
59) 2-Hexanone	11.194	43	191699	85.816	ug/l	94
60) Dibromochloromethane	11.359	129	39853	17.919	ug/l	99
61) 1,2-Dibromoethane	11.471	107	33633	17.404	ug/l	98
64) Tetrachloroethene	11.106	164	27443	15.852	ug/l	90
65) Chlorobenzene	11.894	112	96538	16.712	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	35141	17.249	ug/l	98
67) Ethyl Benzene	11.965	91	173167	16.341	ug/l	98
68) m/p-Xylenes	12.071	106	127150	32.031	ug/l	96
69) o-Xylene	12.394	106	63492	16.217	ug/l	100
70) Styrene	12.412	104	107210	16.304	ug/l	98
71) Bromoform	12.576	173	25434	16.479	ug/l #	99
73) Isopropylbenzene	12.694	105	165393	14.514	ug/l	100
74) N-amyl acetate	12.494	43	75790	13.597	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	51658	16.028	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	67367	22.530	ug/l	44
77) Bromobenzene	12.982	156	37993	15.009	ug/l	95
78) n-propylbenzene	13.035	91	191648	14.606	ug/l	99
79) 2-Chlorotoluene	13.123	91	123155	14.804	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	141666	14.849	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	17384	12.646	ug/l	98
82) 4-Chlorotoluene	13.223	91	122692	14.703	ug/l	97
83) tert-Butylbenzene	13.435	119	124746	14.765	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	144903	15.071	ug/l	98
85) sec-Butylbenzene	13.618	105	167557	14.534	ug/l	98
86) p-Isopropyltoluene	13.729	119	140349	14.744	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	72069	15.130	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	72655	15.130	ug/l	96
89) n-Butylbenzene	14.059	91	119443	14.482	ug/l	98
90) Hexachloroethane	14.335	117	26080	14.182	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	71512	15.515	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10947	13.997	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	37399	14.483	ug/l	96
94) Hexachlorobutadiene	15.500	225	16157	14.069	ug/l	99
95) Naphthalene	15.641	128	126161	13.793	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36433	14.259	ug/l	97

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QLast Update : Thu Aug 08 06:30:41 2024  
Response via : Initial Calibration

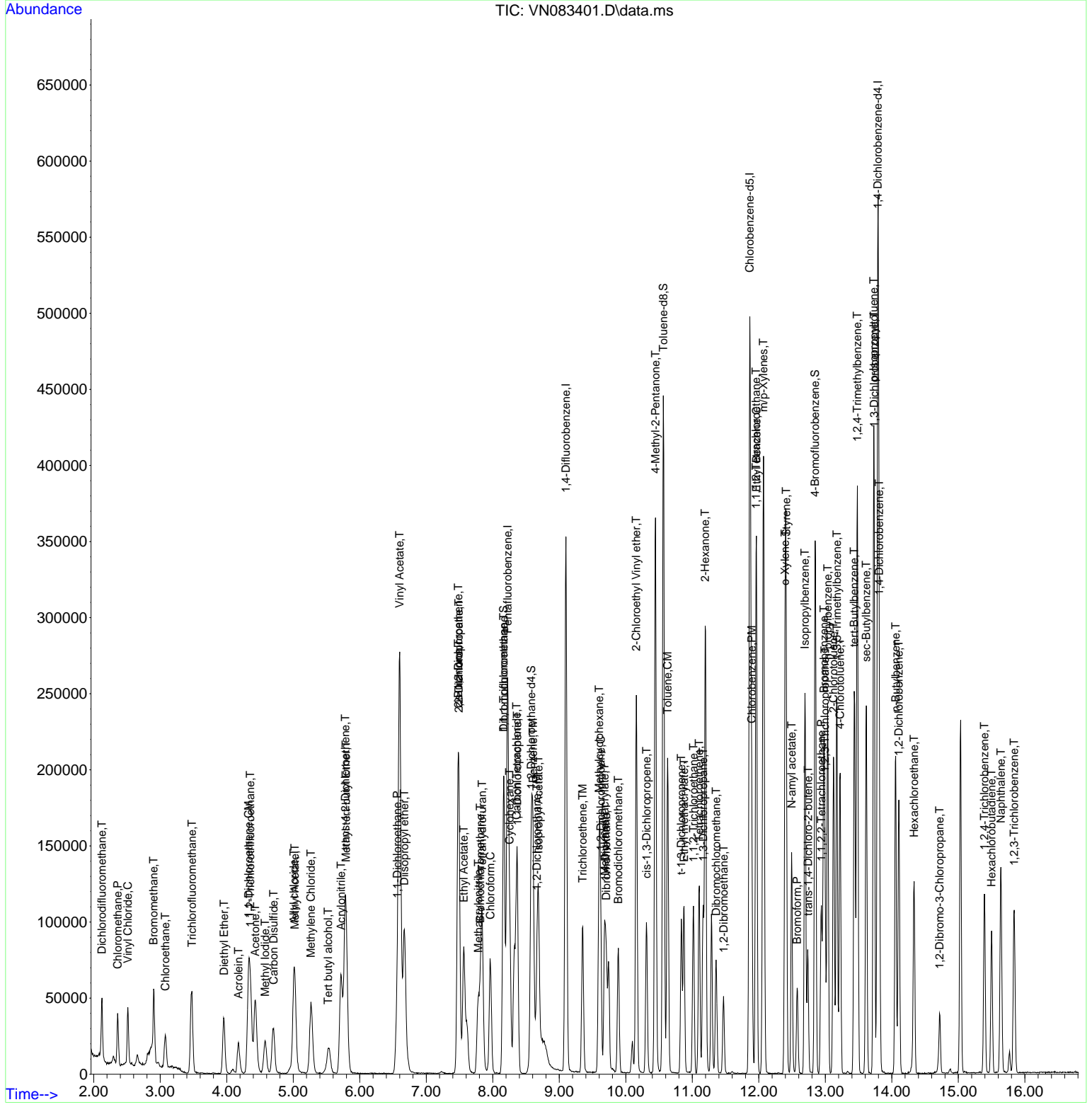
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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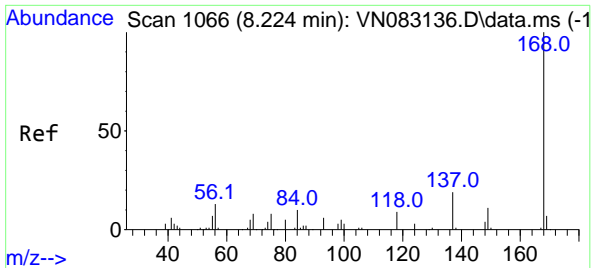
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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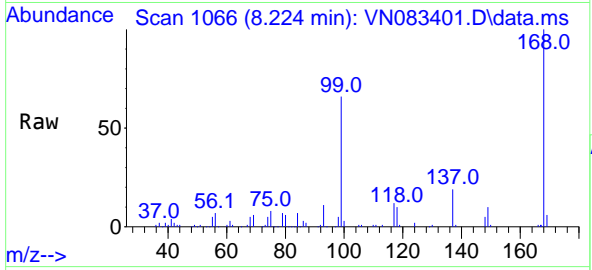
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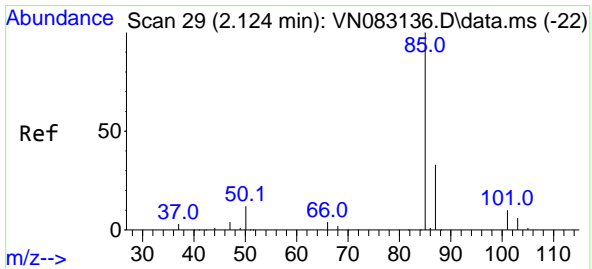
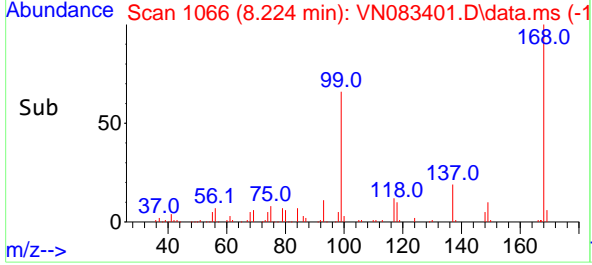
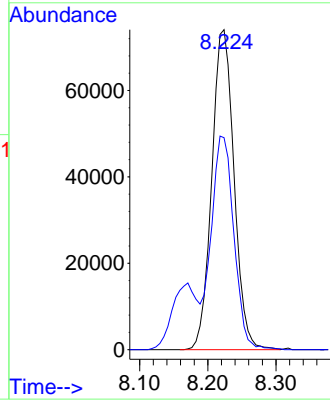


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.224 min Scan# 1066  
 Delta R.T. -0.000 min  
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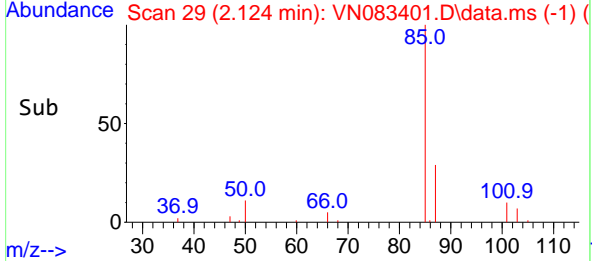
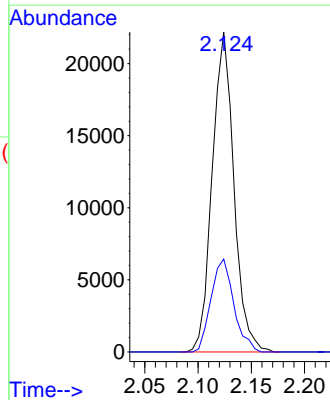
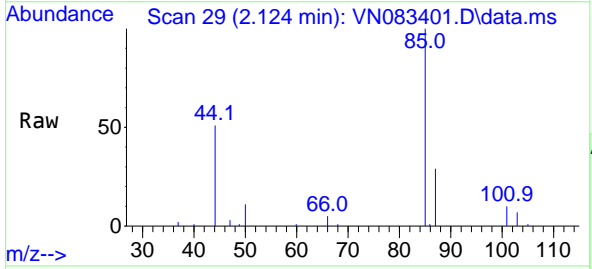


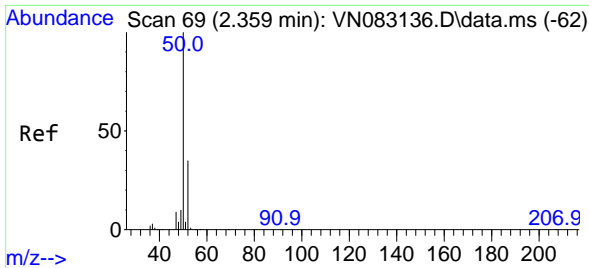
Tgt Ion:168 Resp: 168416  
 Ion Ratio Lower Upper  
 168 100  
 99 66.0 48.2 72.4



#2  
 Dichlorodifluoromethane  
 Concen: 16.401 ug/l  
 RT: 2.124 min Scan# 29  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

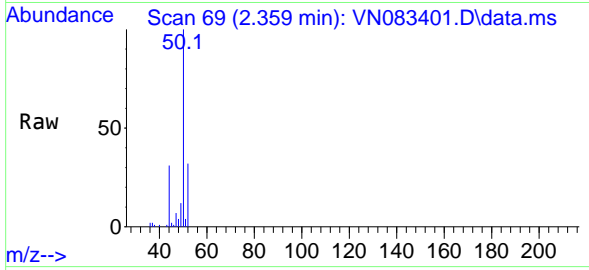
Tgt Ion: 85 Resp: 31324  
 Ion Ratio Lower Upper  
 85 100  
 87 29.1 15.7 47.0



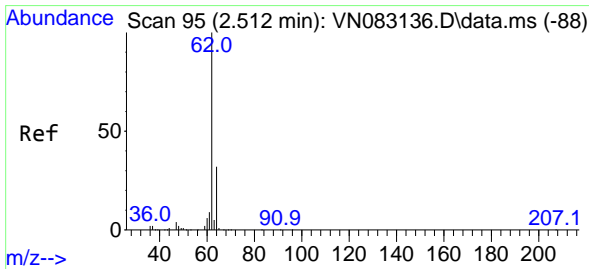
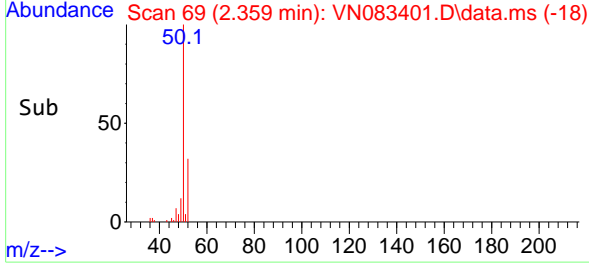
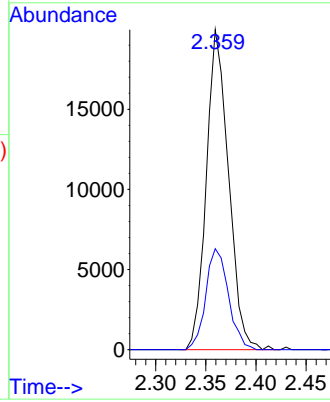


#3  
 Chloromethane  
 Concen: 15.757 ug/l  
 RT: 2.359 min Scan# 69  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

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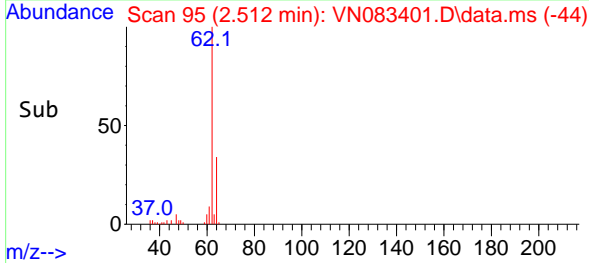
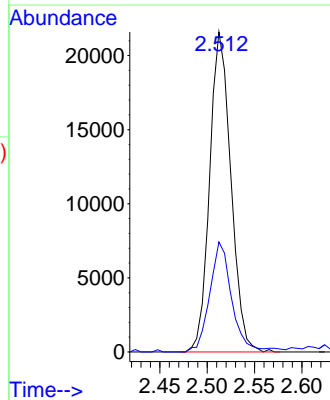
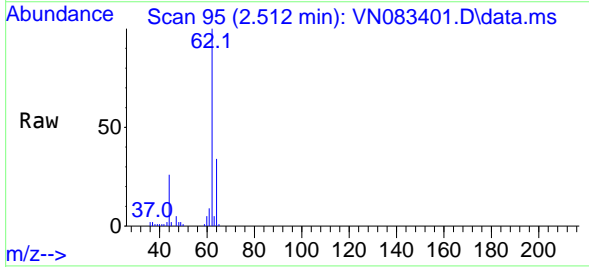


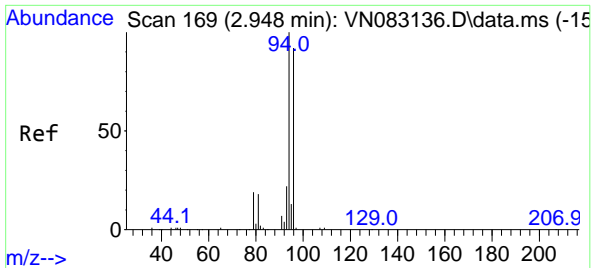
Tgt Ion: 50 Resp: 30810  
 Ion Ratio Lower Upper  
 50 100  
 52 31.6 25.0 37.4



#4  
 Vinyl Chloride  
 Concen: 16.871 ug/l  
 RT: 2.512 min Scan# 95  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

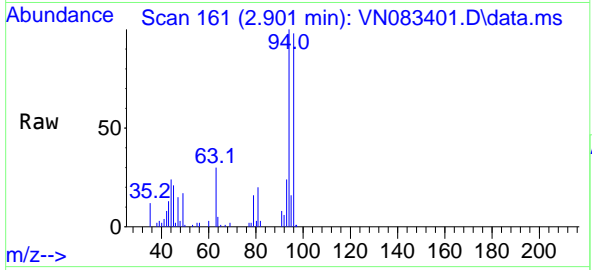
Tgt Ion: 62 Resp: 33661  
 Ion Ratio Lower Upper  
 62 100  
 64 34.3 25.0 37.6



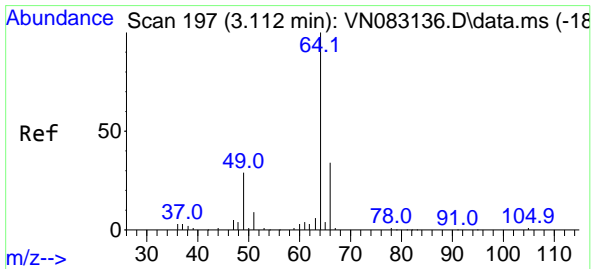
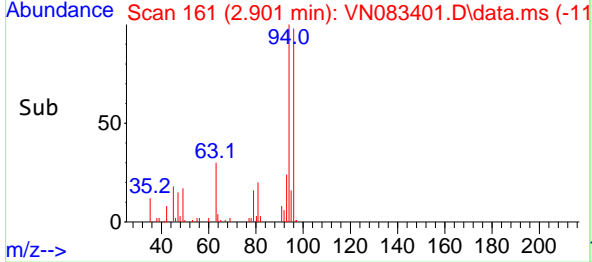
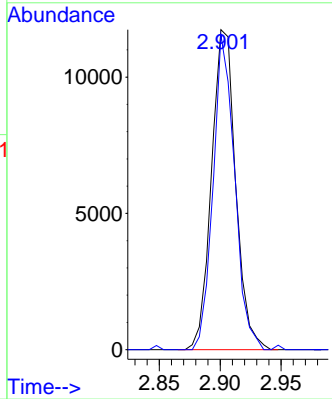


#5  
 Bromomethane  
 Concen: 13.094 ug/l  
 RT: 2.901 min Scan# 10  
 Delta R.T. -0.047 min  
 Lab File: VN083401.D  
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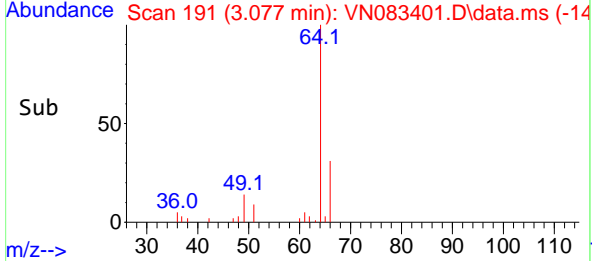
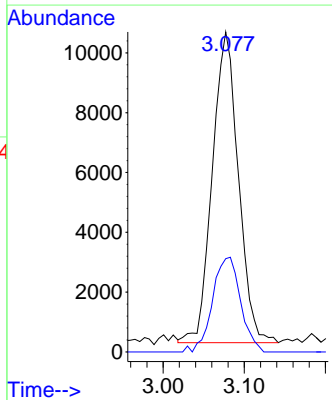
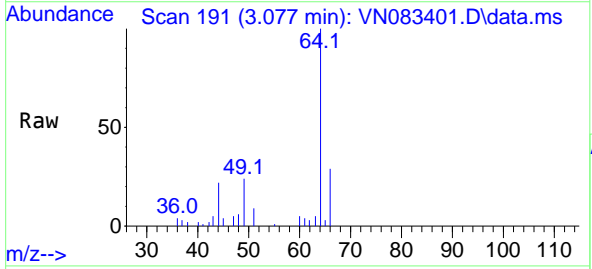


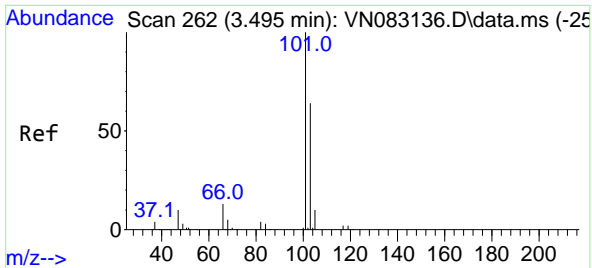
Tgt Ion: 94 Resp: 16211  
 Ion Ratio Lower Upper  
 94 100  
 96 98.3 78.0 117.0



#6  
 Chloroethane  
 Concen: 18.587 ug/l  
 RT: 3.077 min Scan# 191  
 Delta R.T. -0.035 min  
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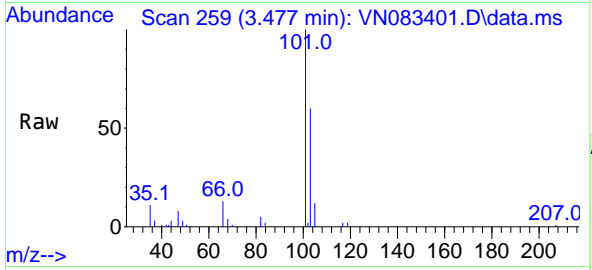
Tgt Ion: 64 Resp: 23201  
 Ion Ratio Lower Upper  
 64 100  
 66 30.0 26.6 40.0



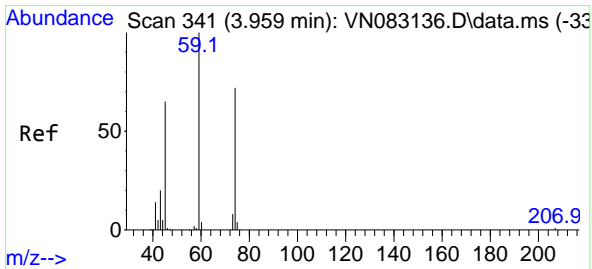
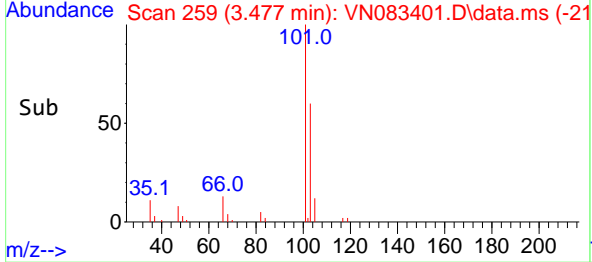
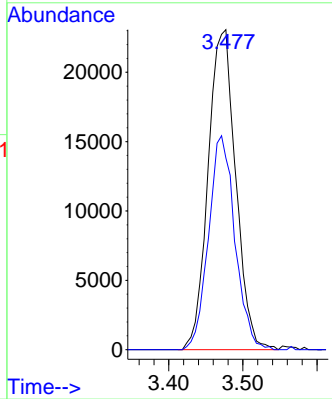


#7  
 Trichlorofluoromethane  
 Concen: 18.141 ug/l  
 RT: 3.477 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

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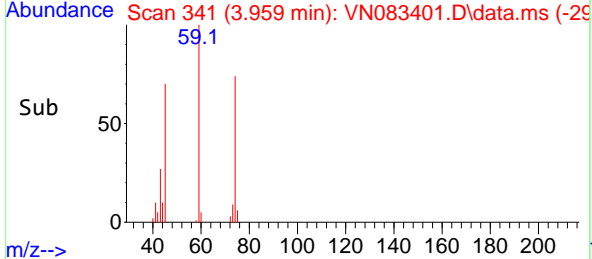
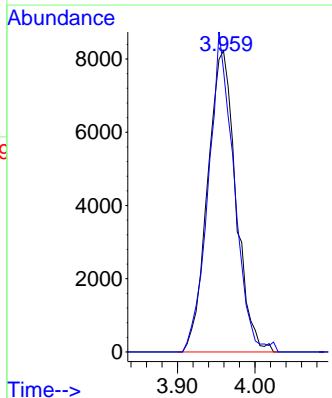
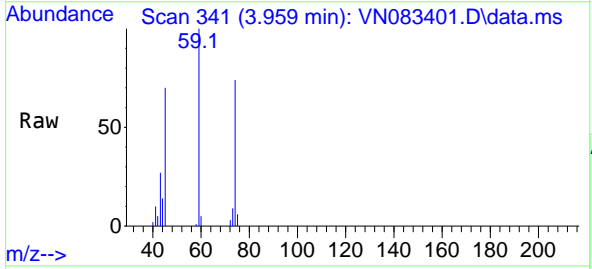


Tgt Ion:101 Resp: 59791  
 Ion Ratio Lower Upper  
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 103 59.9 52.7 79.1

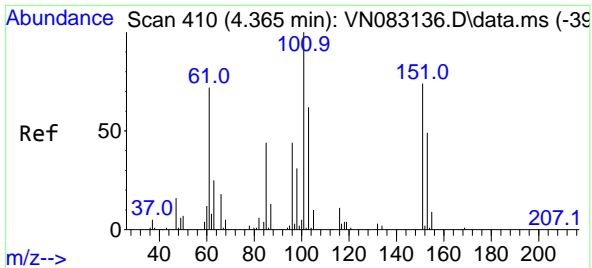


#8  
 Diethyl Ether  
 Concen: 17.002 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.000 min  
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Tgt Ion: 74 Resp: 20852  
 Ion Ratio Lower Upper  
 74 100  
 45 96.4 55.5 166.3

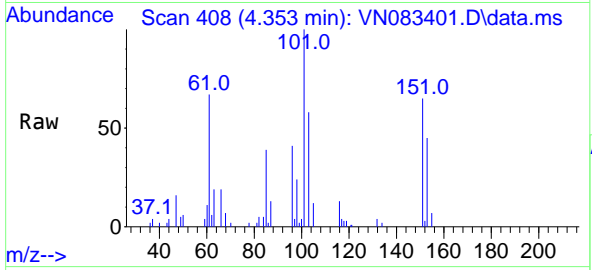






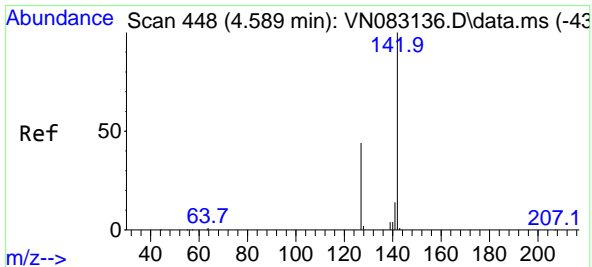
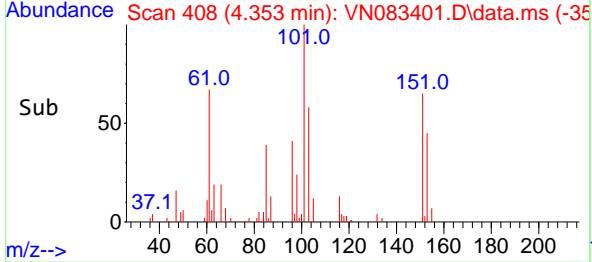
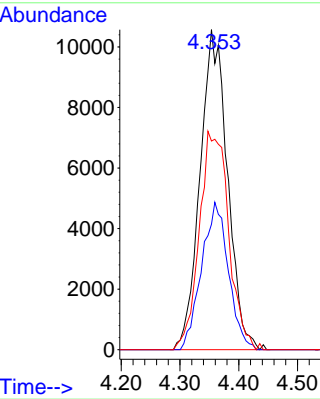
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 18.878 ug/l  
 RT: 4.353 min Scan# 408  
 Delta R.T. -0.012 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

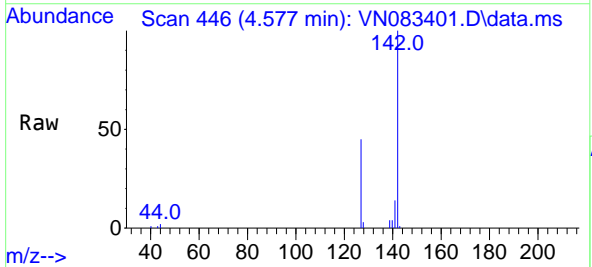


Tgt Ion:101 Resp: 34305

Ion	Ratio	Lower	Upper
101	100		
85	44.9	38.3	57.5
151	72.7	59.3	88.9

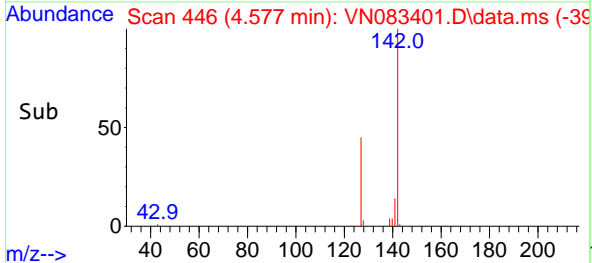
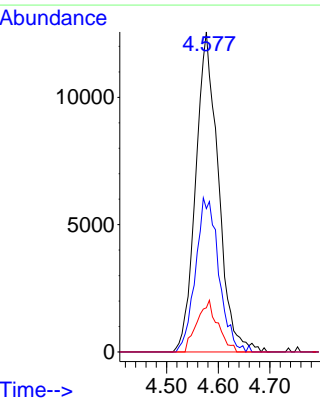


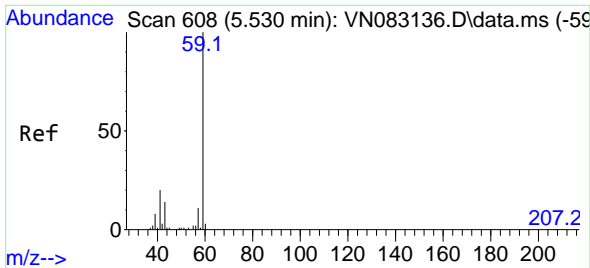
#10  
 Methyl Iodide  
 Concen: 16.012 ug/l  
 RT: 4.577 min Scan# 446  
 Delta R.T. -0.012 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



Tgt Ion:142 Resp: 38274

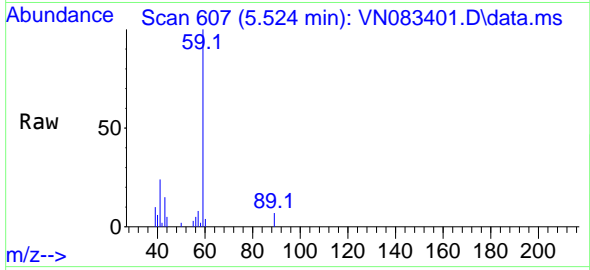
Ion	Ratio	Lower	Upper
142	100		
127	44.8	37.5	56.3
141	13.8	13.1	19.7



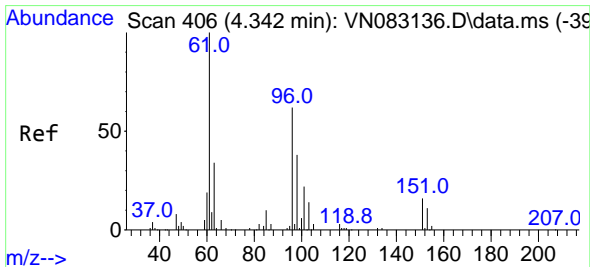
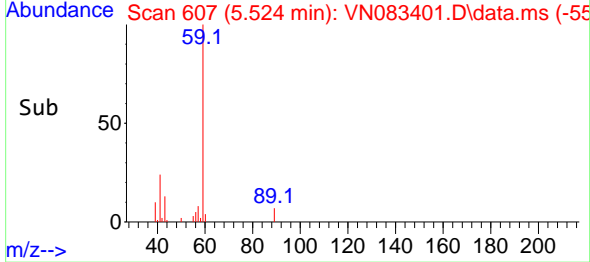
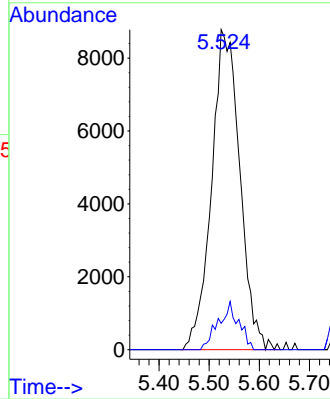


#11  
 Tert butyl alcohol  
 Concen: 69.185 ug/l  
 RT: 5.524 min Scan# 608  
 Delta R.T. -0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

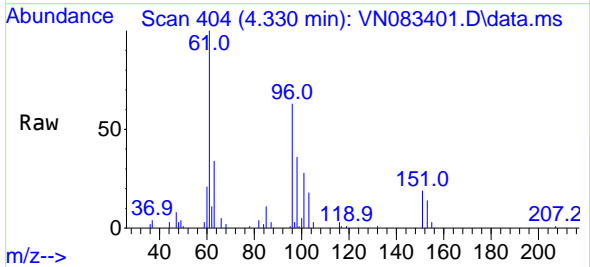
Instrument : MSVOA\_N  
 ClientSampleId :



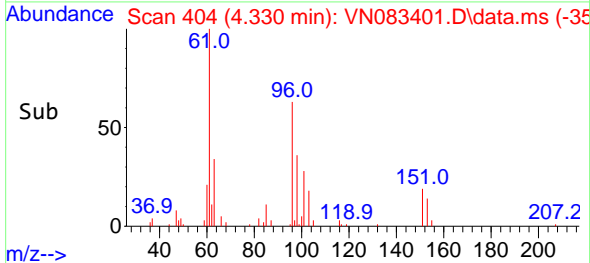
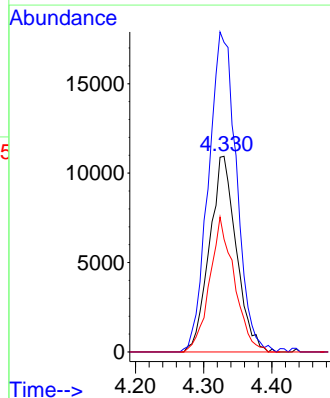
Tgt Ion: 59 Resp: 34467  
 Ion Ratio Lower Upper  
 59 100  
 57 10.8 8.9 13.3

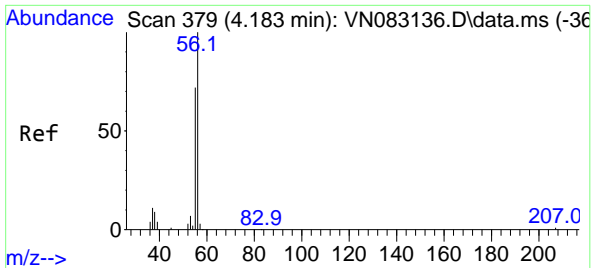


#12  
 1,1-Dichloroethene  
 Concen: 16.052 ug/l  
 RT: 4.330 min Scan# 404  
 Delta R.T. -0.012 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



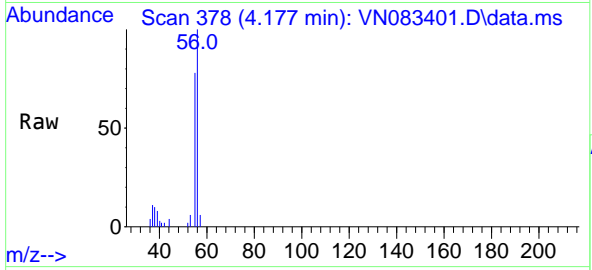
Tgt Ion: 96 Resp: 29968  
 Ion Ratio Lower Upper  
 96 100  
 61 158.2 149.7 224.5  
 98 57.6 50.1 75.1



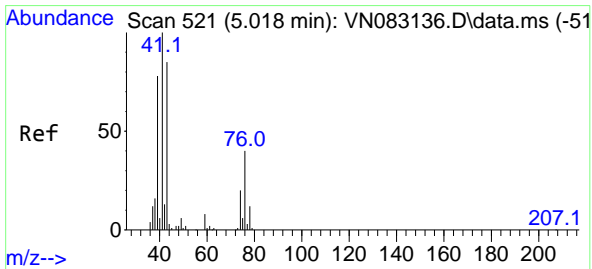
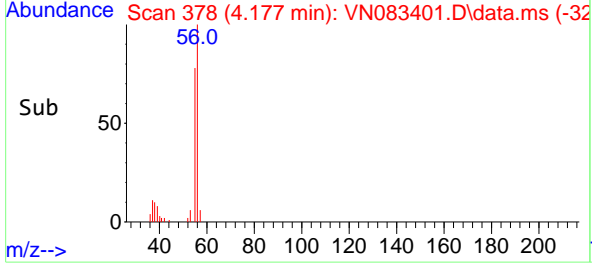
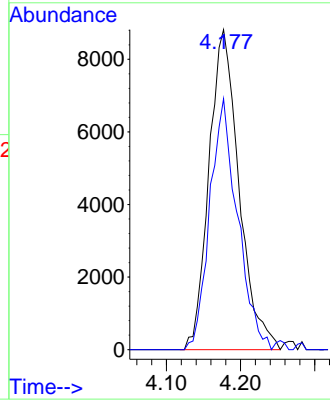


#13  
 Acrolein  
 Concen: 76.510 ug/l  
 RT: 4.177 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument : MSVOA\_N  
 ClientSampleId :

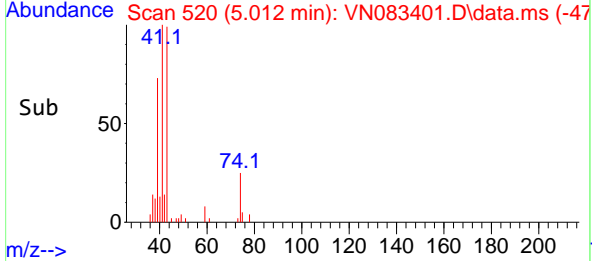
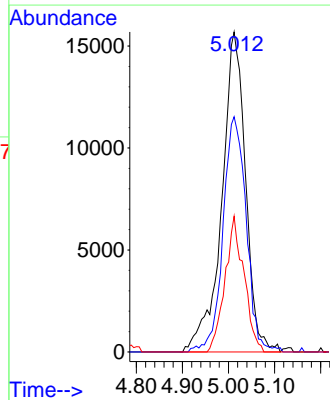
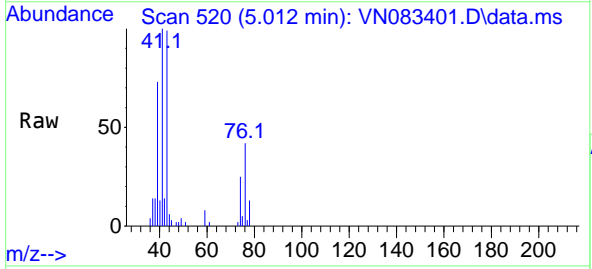


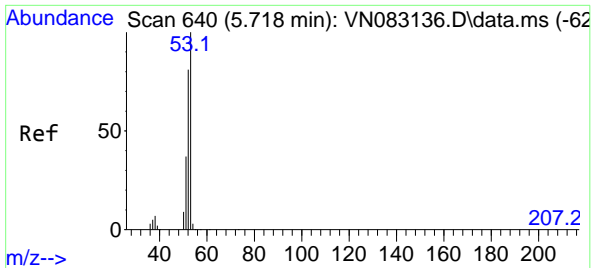
Tgt Ion: 56 Resp: 24842  
 Ion Ratio Lower Upper  
 56 100  
 55 72.3 56.4 84.6



#14  
 Allyl chloride  
 Concen: 15.971 ug/l  
 RT: 5.012 min Scan# 520  
 Delta R.T. -0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

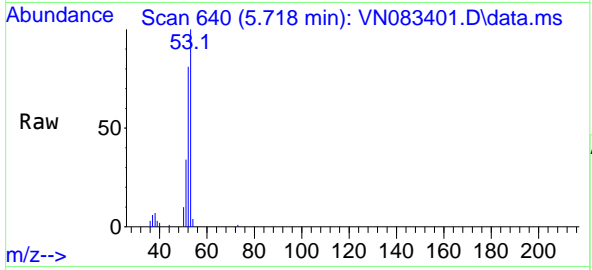
Tgt Ion: 41 Resp: 56347  
 Ion Ratio Lower Upper  
 41 100  
 39 71.4 67.8 101.6  
 76 33.8 25.8 38.8





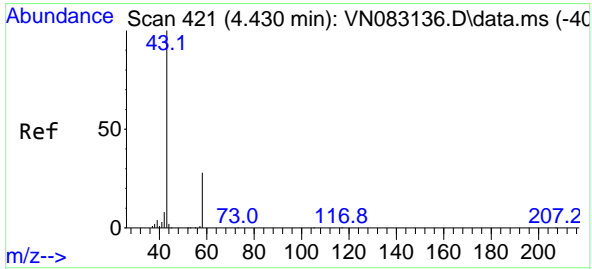
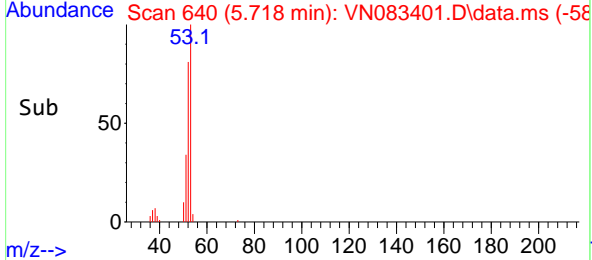
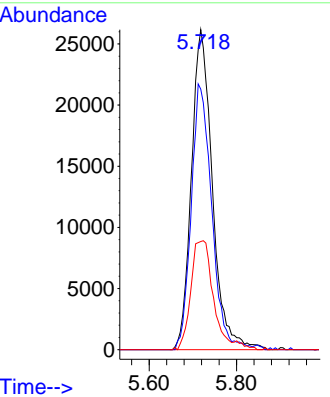
#15  
 Acrylonitrile  
 Concen: 85.492 ug/l  
 RT: 5.718 min Scan# 640  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument : MSVOA\_N  
 ClientSampleId :

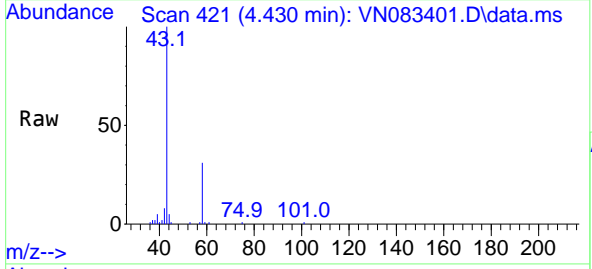


Tgt Ion: 53 Resp: 87594

Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.6	100.0
51	35.8	30.1	45.1

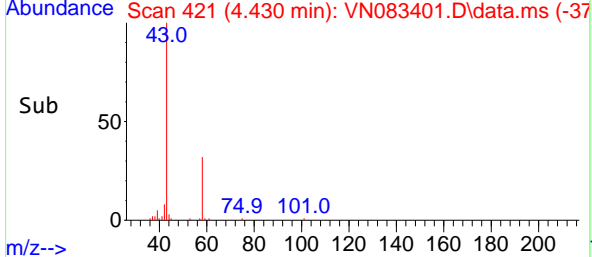
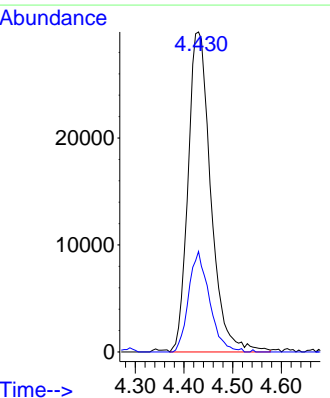


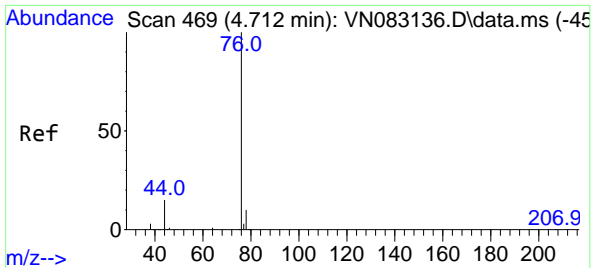
#16  
 Acetone  
 Concen: 103.515 ug/l  
 RT: 4.430 min Scan# 421  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



Tgt Ion: 43 Resp: 97099

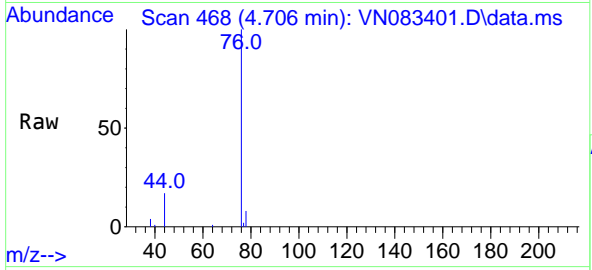
Ion	Ratio	Lower	Upper
43	100		
58	31.4	21.8	32.6



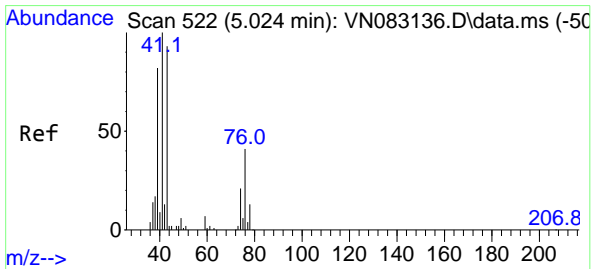
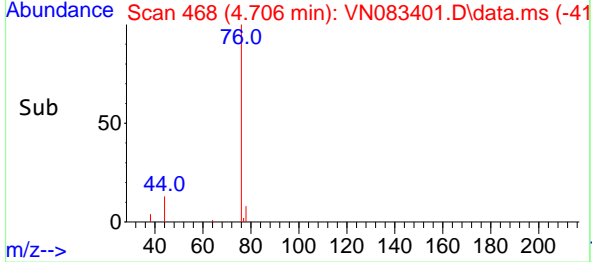
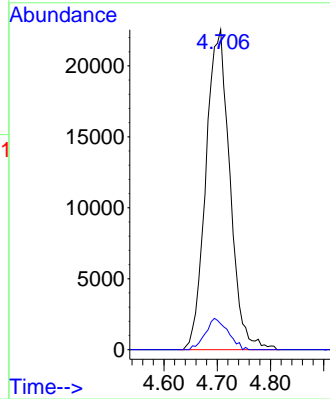


#17  
 Carbon Disulfide  
 Concen: 12.915 ug/l  
 RT: 4.706 min Scan# 408  
 Delta R.T. -0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

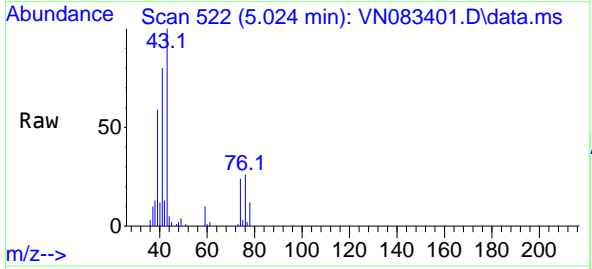
Instrument : MSVOA\_N  
 ClientSampleId :



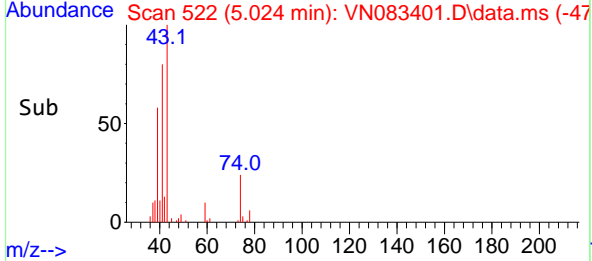
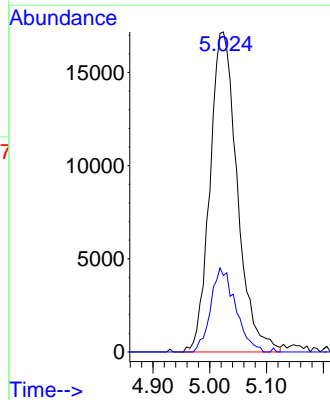
Tgt Ion: 76 Resp: 70549  
 Ion Ratio Lower Upper  
 76 100  
 78 8.1 7.2 10.8

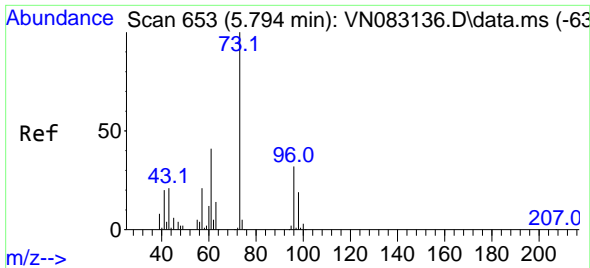


#18  
 Methyl Acetate  
 Concen: 20.520 ug/l  
 RT: 5.024 min Scan# 522  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



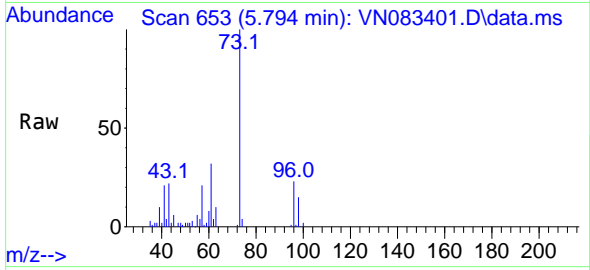
Tgt Ion: 43 Resp: 57349  
 Ion Ratio Lower Upper  
 43 100  
 74 23.8 16.3 24.5



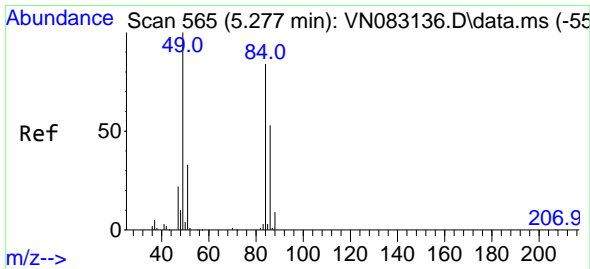
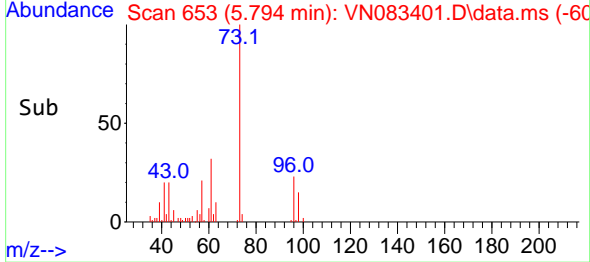
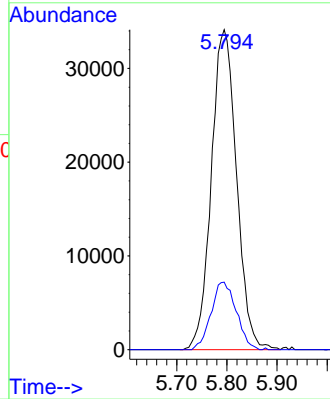


#19  
 Methyl tert-butyl Ether  
 Concen: 17.676 ug/l  
 RT: 5.794 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

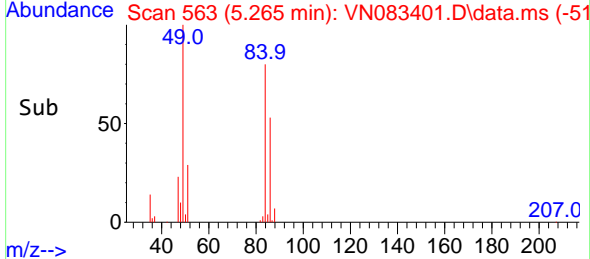
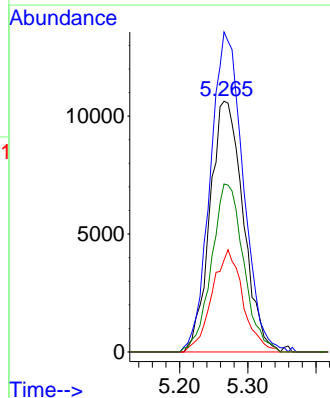
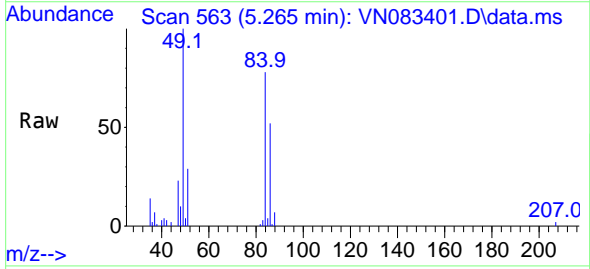


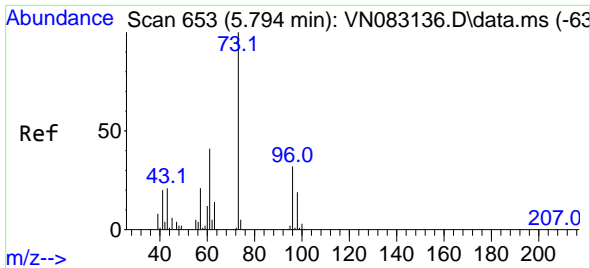
Tgt Ion: 73 Resp: 119110  
 Ion Ratio Lower Upper  
 73 100  
 57 21.1 17.9 26.9



#20  
 Methylene Chloride  
 Concen: 16.648 ug/l  
 RT: 5.265 min Scan# 563  
 Delta R.T. -0.012 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

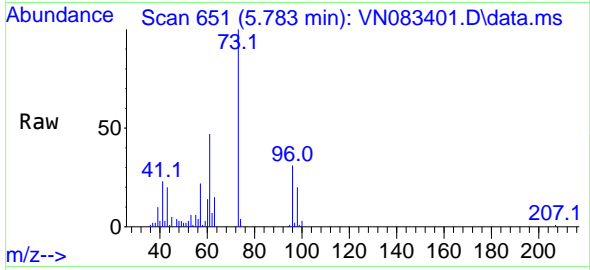
Tgt Ion: 84 Resp: 35939  
 Ion Ratio Lower Upper  
 84 100  
 49 127.6 119.6 179.4  
 51 36.6 34.8 52.2  
 86 67.0 52.9 79.3



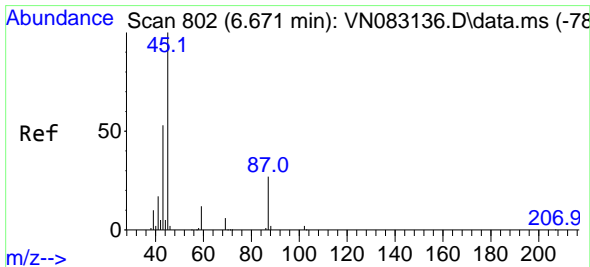
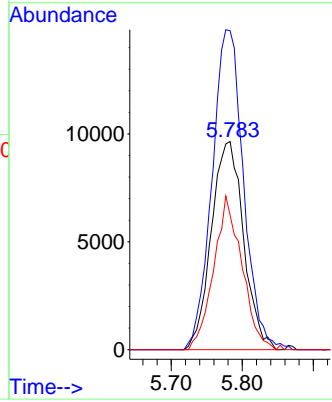
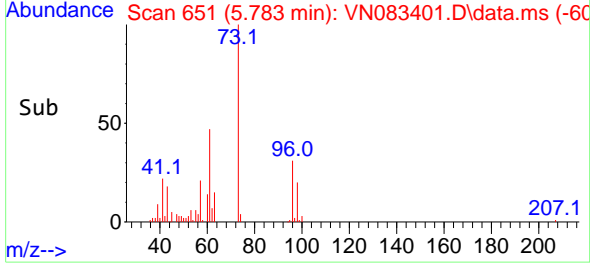


#21  
 trans-1,2-Dichloroethene  
 Concen: 15.747 ug/l  
 RT: 5.783 min Scan# 61  
 Delta R.T. -0.012 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

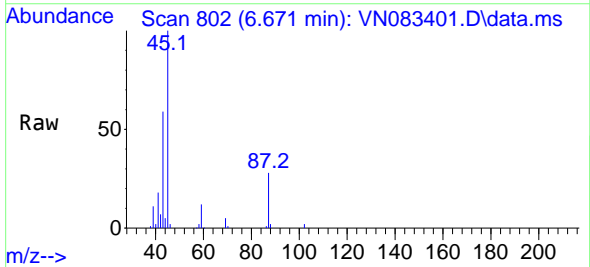
Instrument :  
 MSVOA\_N  
 ClientSampleId :



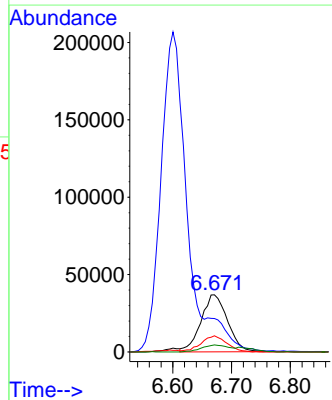
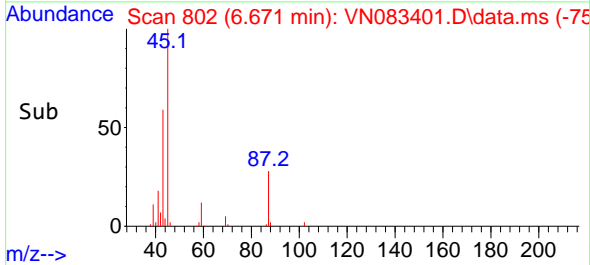
Tgt Ion: 96 Resp: 30385  
 Ion Ratio Lower Upper  
 96 100  
 61 153.1 123.4 185.2  
 98 64.6 49.3 73.9

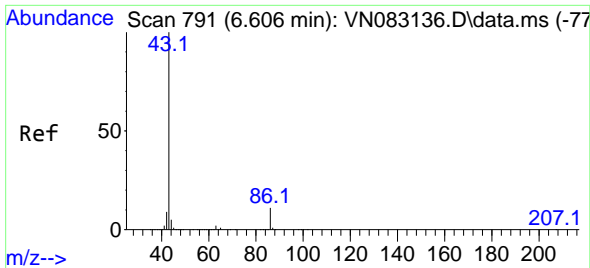


#22  
 Diisopropyl ether  
 Concen: 17.375 ug/l  
 RT: 6.671 min Scan# 802  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



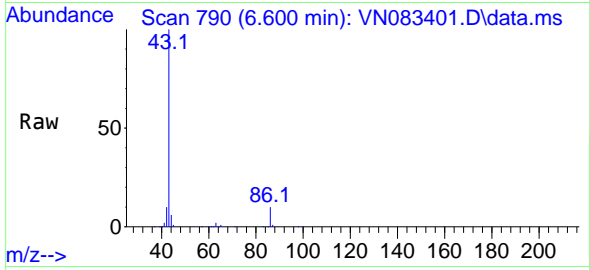
Tgt Ion: 45 Resp: 115225  
 Ion Ratio Lower Upper  
 45 100  
 43 57.4 44.0 66.0  
 87 28.4 19.7 29.5  
 59 12.4 8.5 12.7



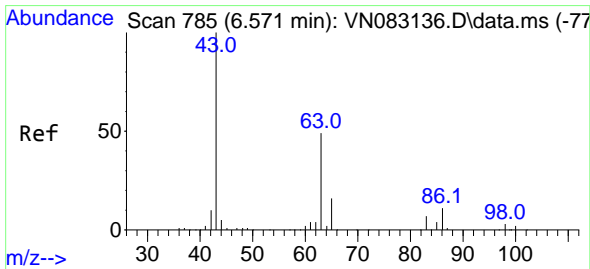
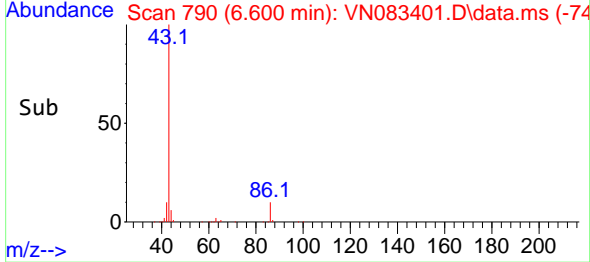
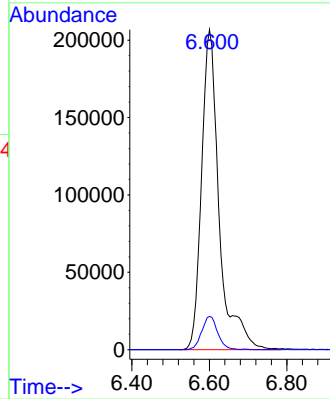


#23  
 Vinyl Acetate  
 Concen: 95.765 ug/l  
 RT: 6.600 min Scan# 791  
 Delta R.T. -0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

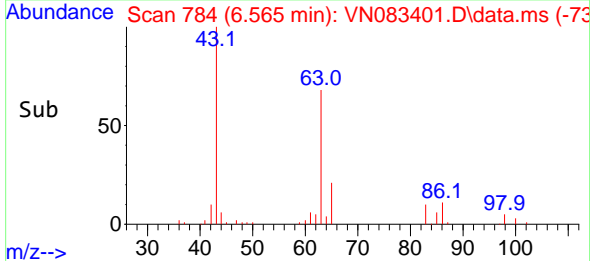
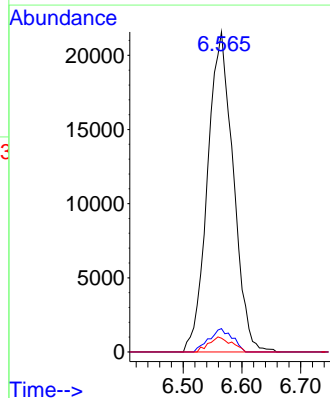
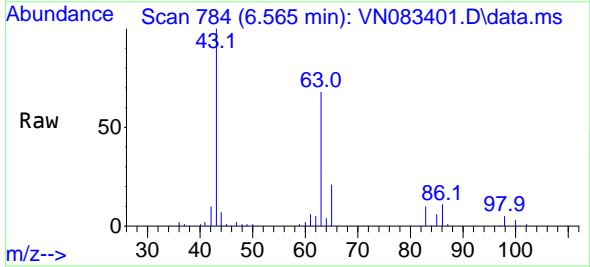


Tgt Ion: 43 Resp: 650954  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 7.3 10.9

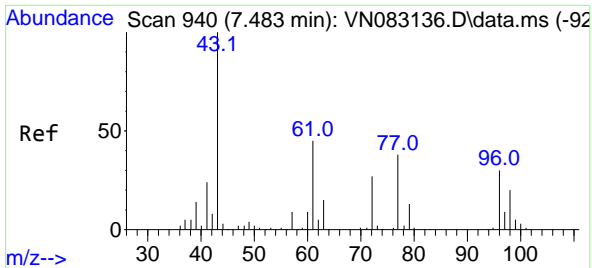


#24  
 1,1-Dichloroethane  
 Concen: 18.140 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Tgt Ion: 63 Resp: 65571  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.3 9.9  
 100 4.3 2.0 6.0

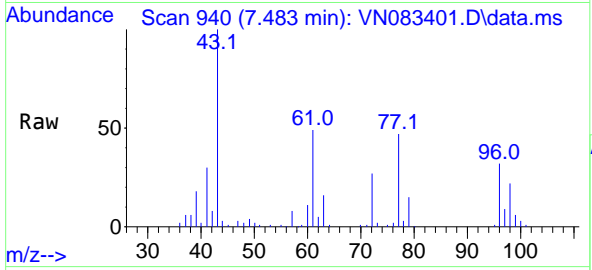




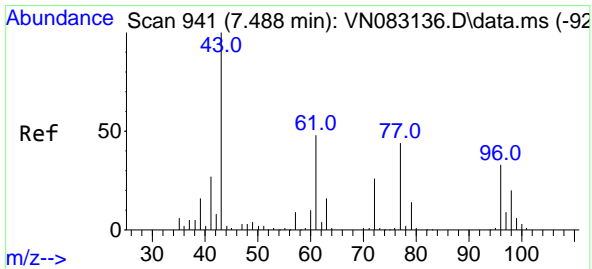
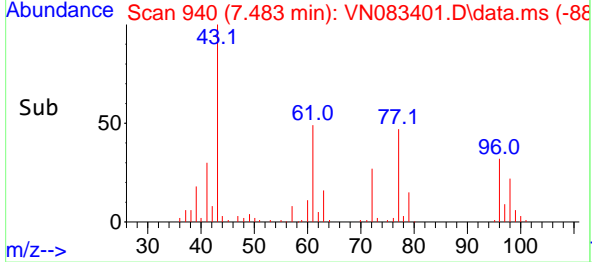
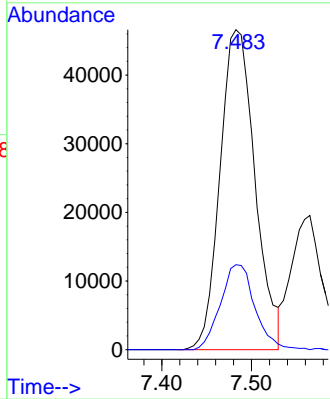


#25  
 2-Butanone  
 Concen: 87.763 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

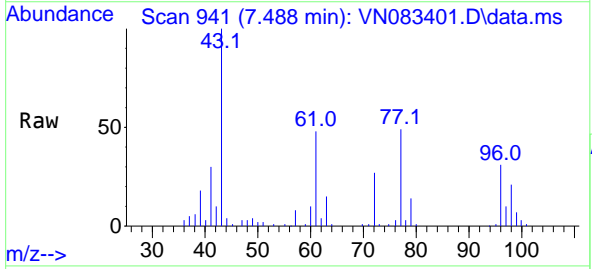
Instrument :  
 MSVOA\_N  
 ClientSampleId :



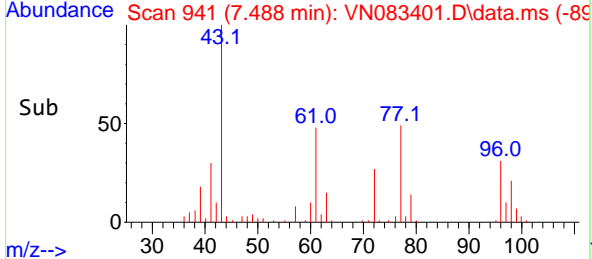
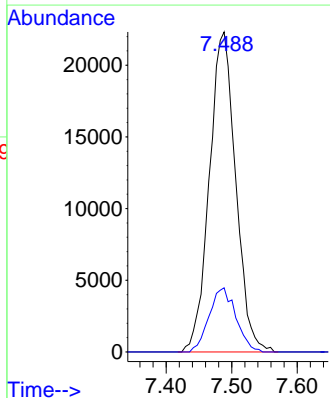
Tgt Ion: 43 Resp: 126405  
 Ion Ratio Lower Upper  
 43 100  
 72 26.5 18.2 27.2

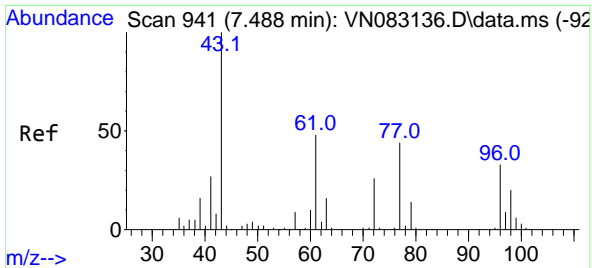


#26  
 2,2-Dichloropropane  
 Concen: 18.555 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



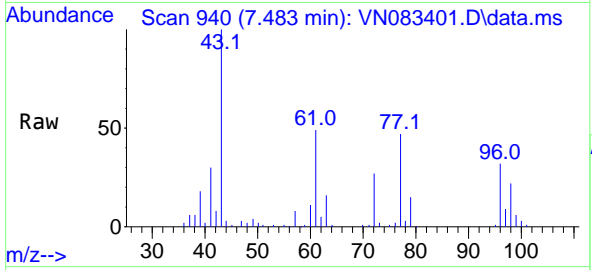
Tgt Ion: 77 Resp: 62288  
 Ion Ratio Lower Upper  
 77 100  
 97 20.3 10.3 30.9





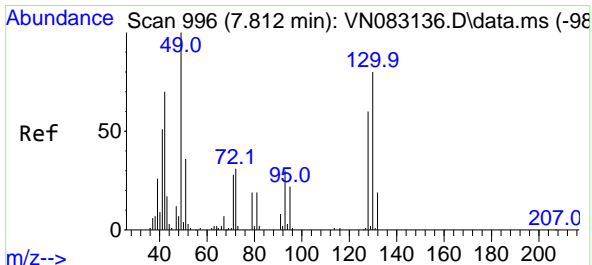
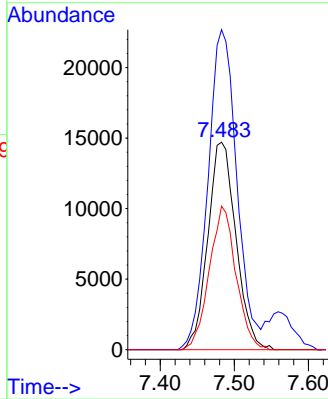
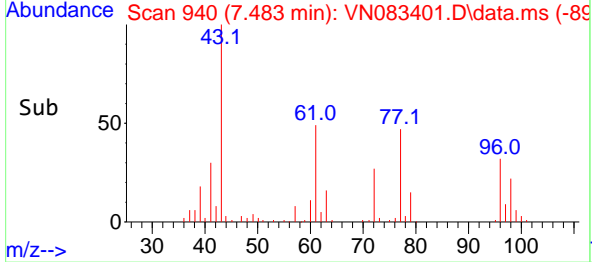
#27  
 cis-1,2-Dichloroethene  
 Concen: 16.674 ug/l  
 RT: 7.483 min Scan# 941  
 Delta R.T. -0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

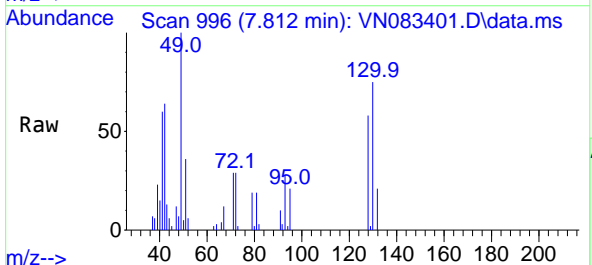


Tgt Ion: 96 Resp: 38824

Ion	Ratio	Lower	Upper
96	100		
61	158.0	0.0	329.6
98	65.8	0.0	128.6

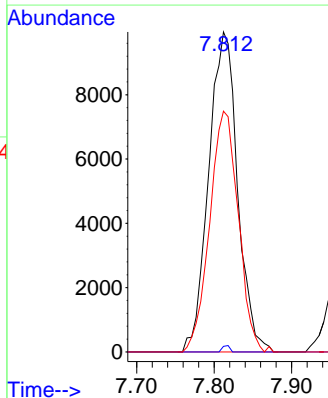
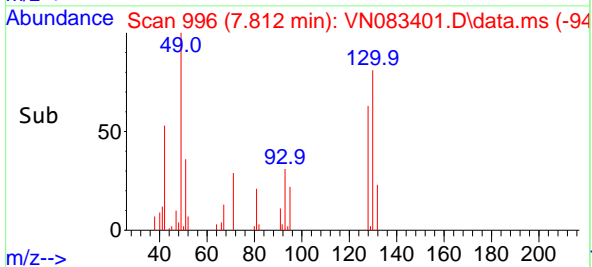


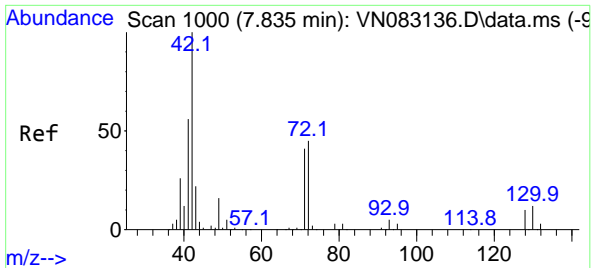
#28  
 Bromochloromethane  
 Concen: 17.442 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



Tgt Ion: 49 Resp: 25766

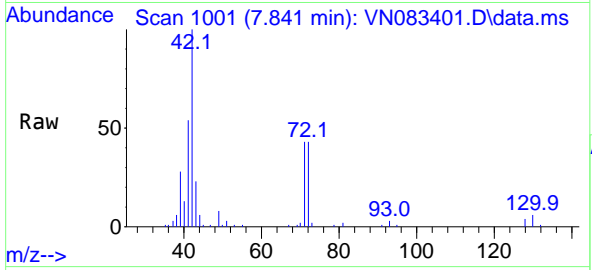
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	3.8
130	74.7	50.5	75.7





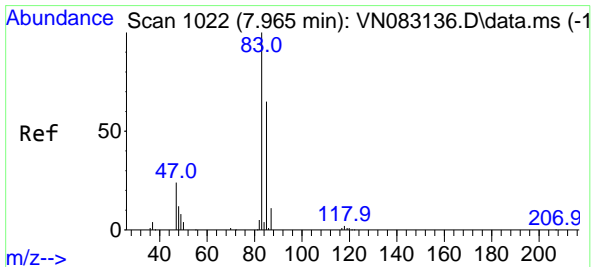
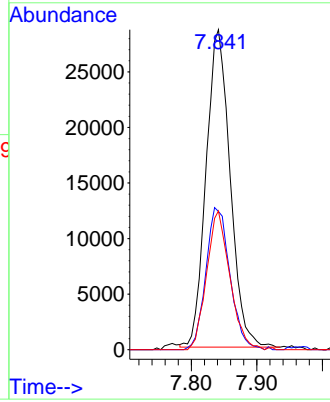
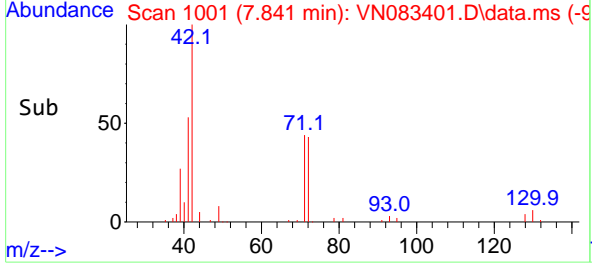
#29  
 Tetrahydrofuran  
 Concen: 78.205 ug/l  
 RT: 7.841 min Scan# 1001  
 Delta R.T. 0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument : MSVOA\_N  
 ClientSampleId :

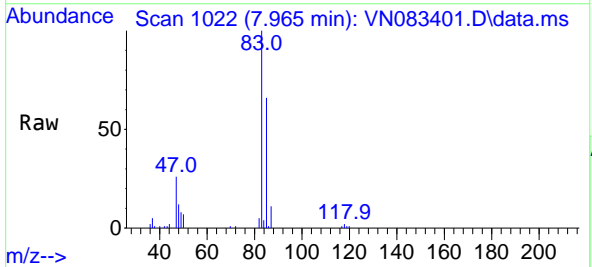


Tgt Ion: 42 Resp: 72814

Ion	Ratio	Lower	Upper
42	100		
72	44.8	30.0	45.0
71	42.1	28.3	42.5

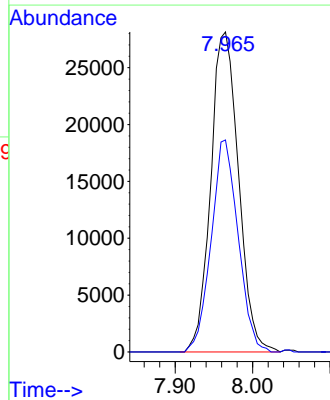
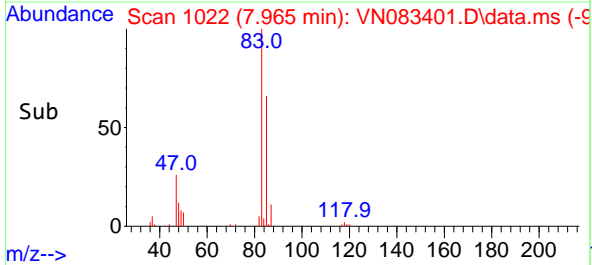


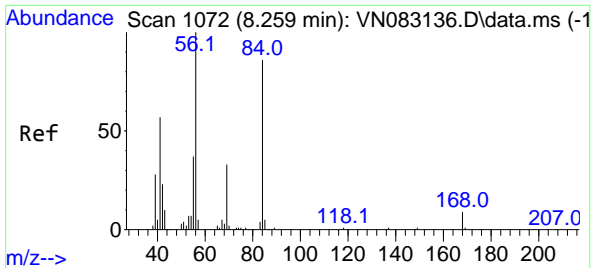
#30  
 Chloroform  
 Concen: 18.708 ug/l  
 RT: 7.965 min Scan# 1022  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



Tgt Ion: 83 Resp: 70255

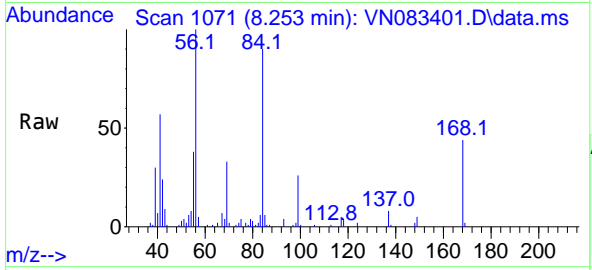
Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.9	76.3





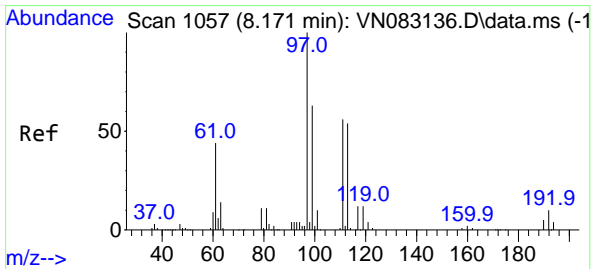
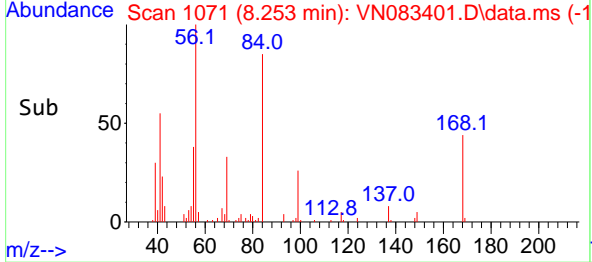
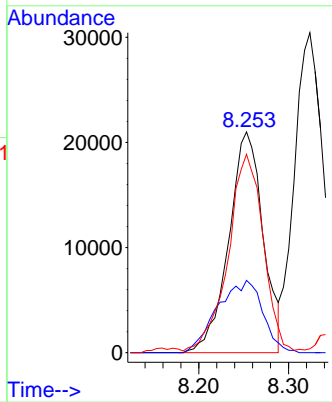
#31  
 Cyclohexane  
 Concen: 15.731 ug/l  
 RT: 8.253 min Scan# 1071  
 Delta R.T. -0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument : MSVOA\_N  
 ClientSampleId :



Tgt Ion: 56 Resp: 55883

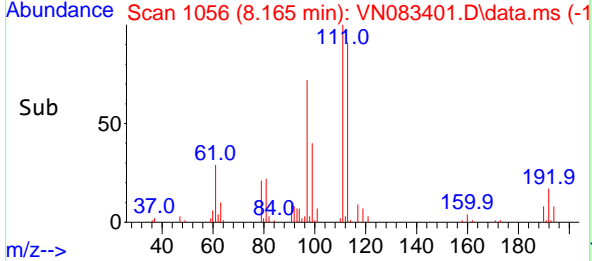
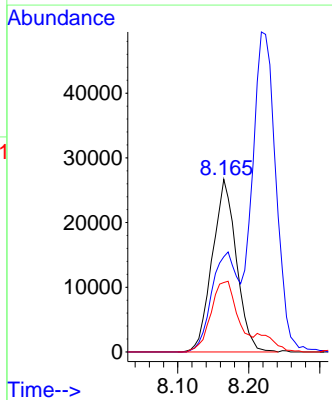
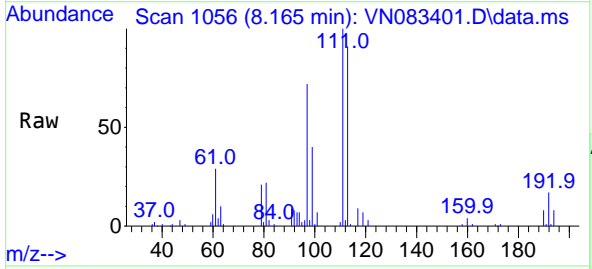
Ion	Ratio	Lower	Upper
56	100		
69	32.8	24.5	36.7
84	88.2	66.0	99.0

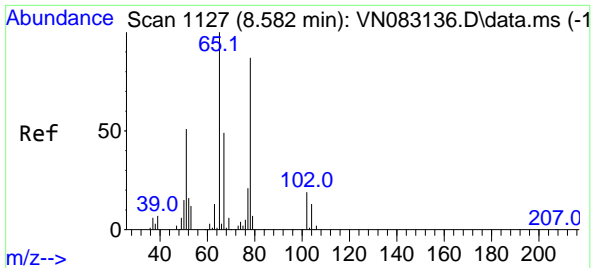


#32  
 1,1,1-Trichloroethane  
 Concen: 17.660 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. -0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Tgt Ion: 97 Resp: 62775

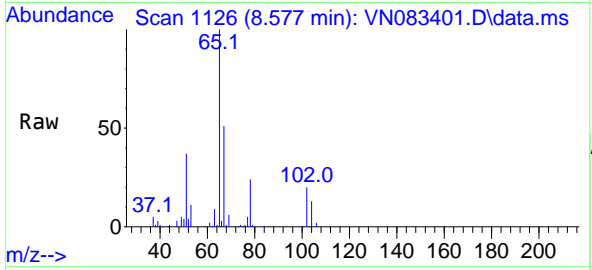
Ion	Ratio	Lower	Upper
97	100		
99	62.7	52.0	78.0
61	46.1	42.1	63.1



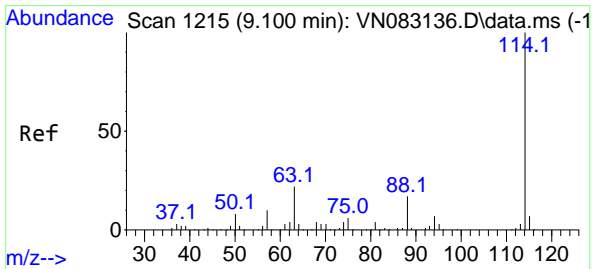
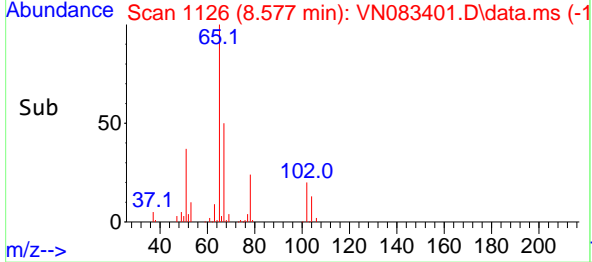
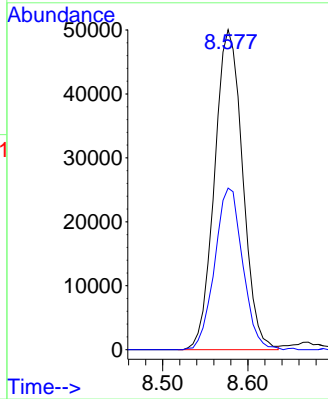


#33  
 1,2-Dichloroethane-d4  
 Concen: 47.801 ug/l  
 RT: 8.577 min Scan# 1126  
 Delta R.T. -0.005 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument : MSVOA\_N  
 ClientSampleId :

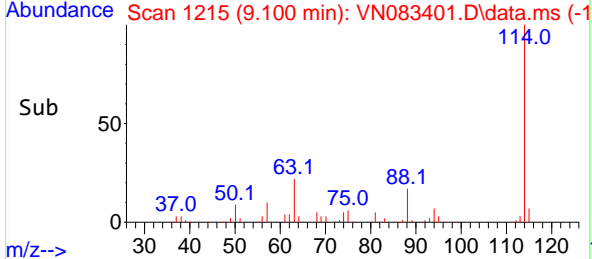
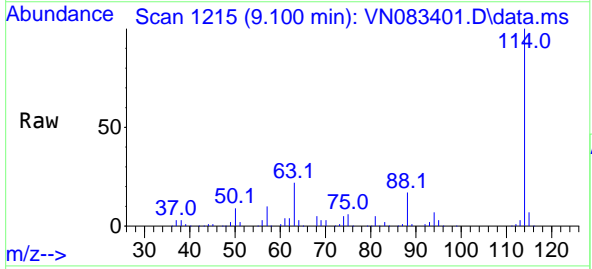
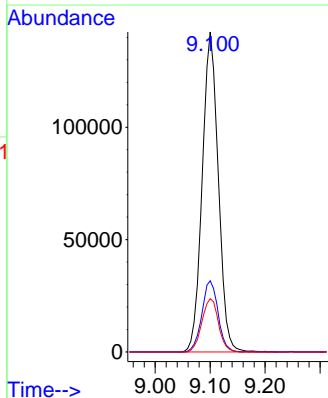


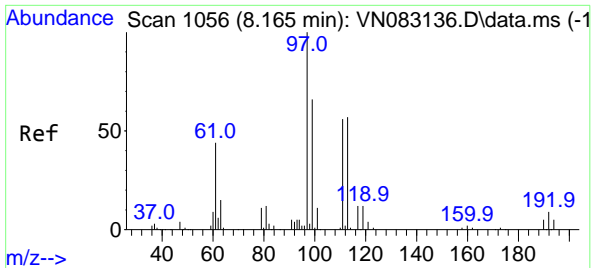
Tgt Ion: 65 Resp: 114588  
 Ion Ratio Lower Upper  
 65 100  
 67 50.3 0.0 104.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

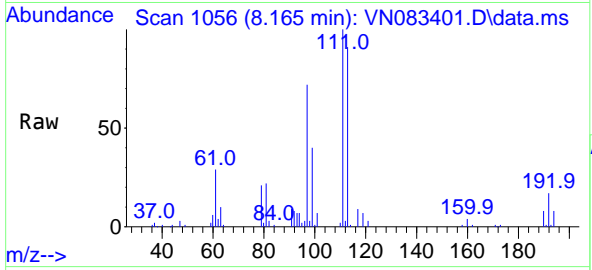
Tgt Ion: 114 Resp: 288823  
 Ion Ratio Lower Upper  
 114 100  
 63 22.3 0.0 44.6  
 88 16.7 0.0 31.4



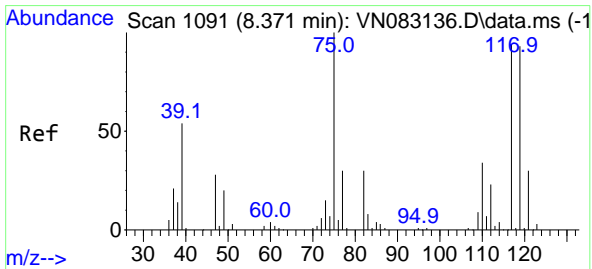
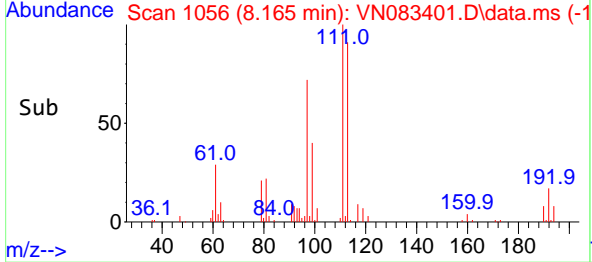
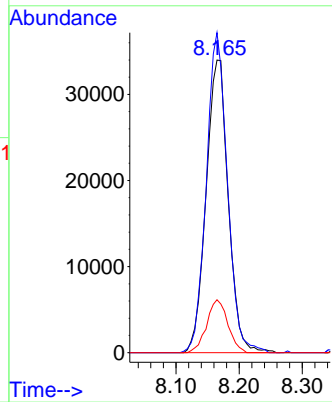


#35  
 Dibromofluoromethane  
 Concen: 45.977 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. -0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument : MSVOA\_N  
 ClientSampleId :

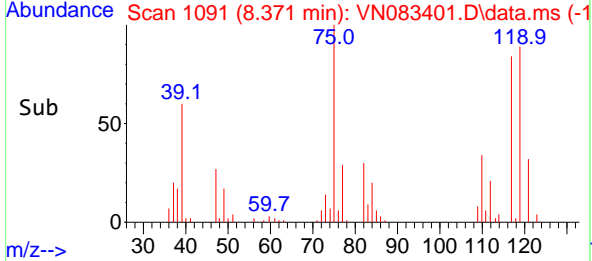
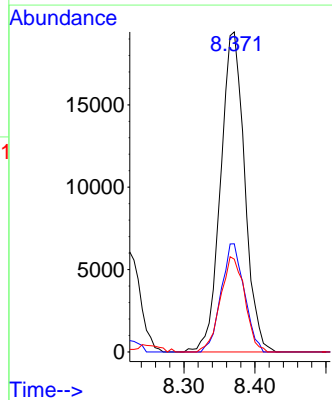
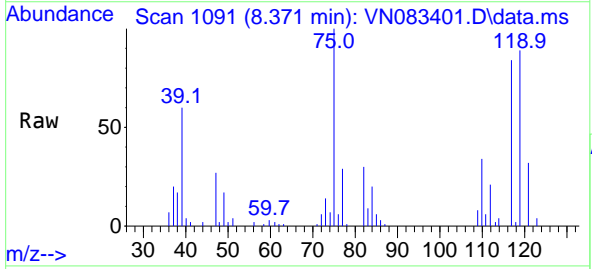


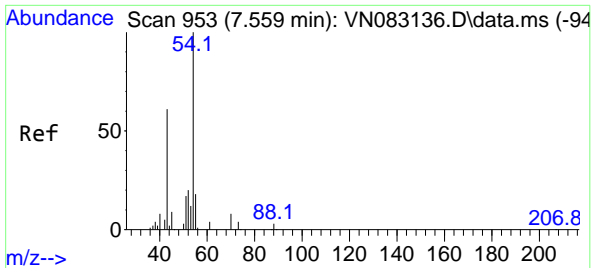
Tgt Ion:113 Resp: 82886  
 Ion Ratio Lower Upper  
 113 100  
 111 104.3 82.4 123.6  
 192 17.3 14.9 22.3



#36  
 1,1-Dichloropropene  
 Concen: 16.712 ug/l  
 RT: 8.371 min Scan# 1091  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

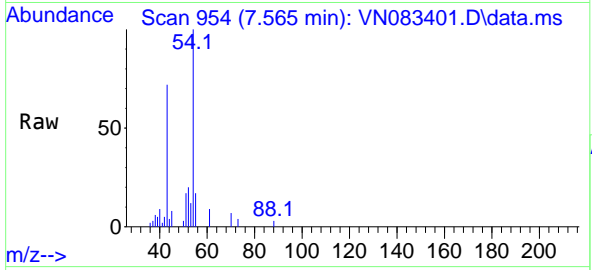
Tgt Ion: 75 Resp: 45575  
 Ion Ratio Lower Upper  
 75 100  
 110 32.5 16.3 48.9  
 77 30.1 24.6 37.0



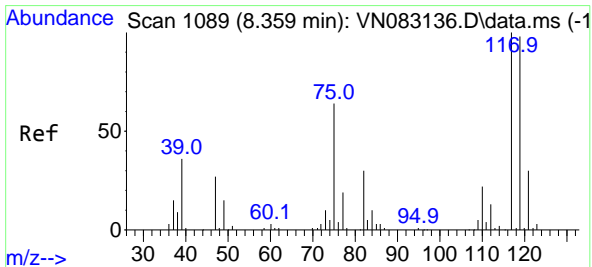
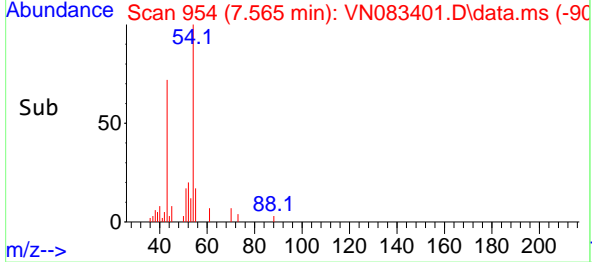
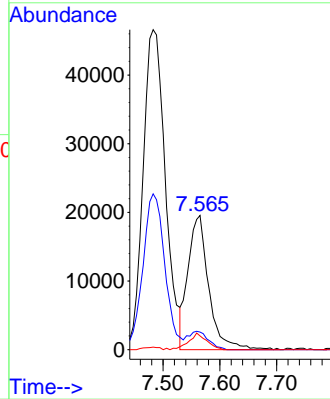


#37  
 Ethyl Acetate  
 Concen: 16.298 ug/l  
 RT: 7.565 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

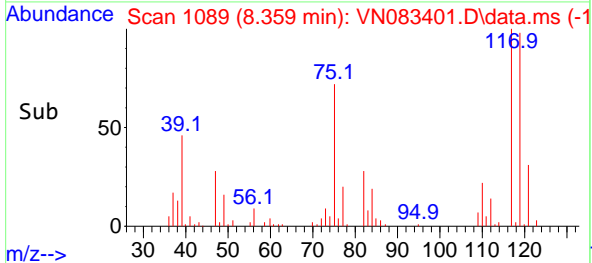
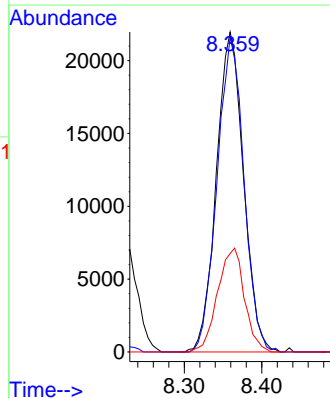
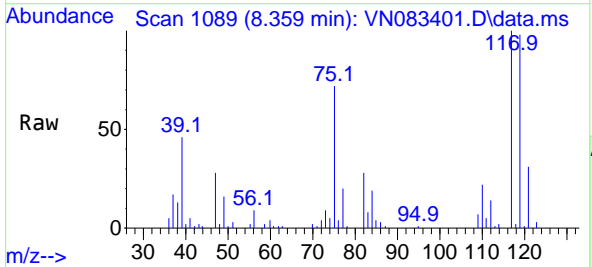


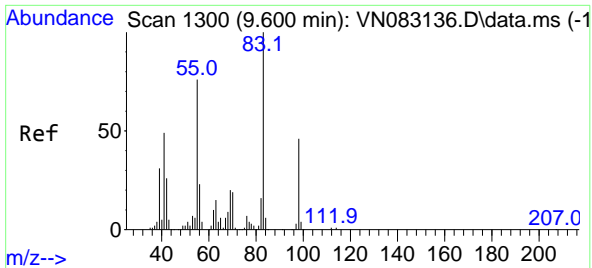
Tgt Ion: 43 Resp: 49764  
 Ion Ratio Lower Upper  
 43 100  
 61 13.4 9.3 13.9  
 70 10.6 7.0 10.6#



#38  
 Carbon Tetrachloride  
 Concen: 17.383 ug/l  
 RT: 8.359 min Scan# 1089  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

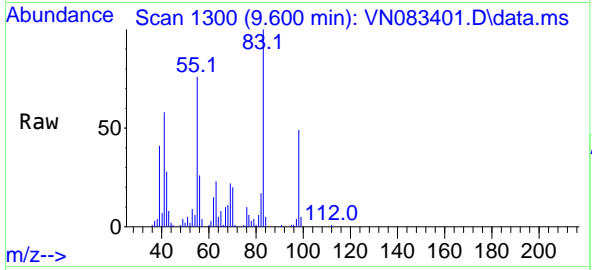
Tgt Ion: 117 Resp: 53394  
 Ion Ratio Lower Upper  
 117 100  
 119 98.5 74.9 112.3  
 121 30.8 24.3 36.5





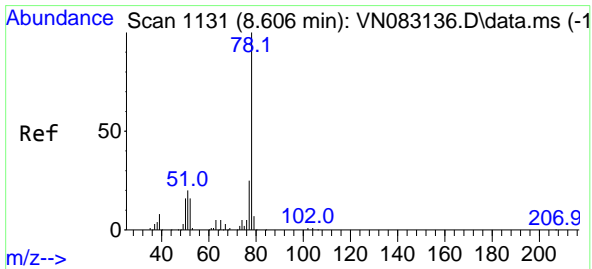
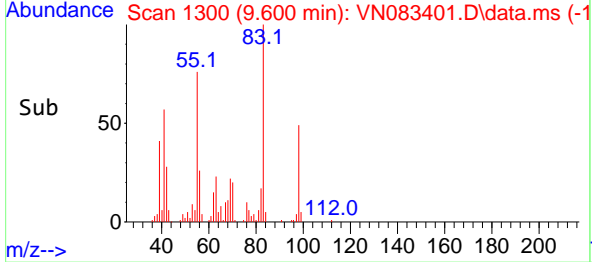
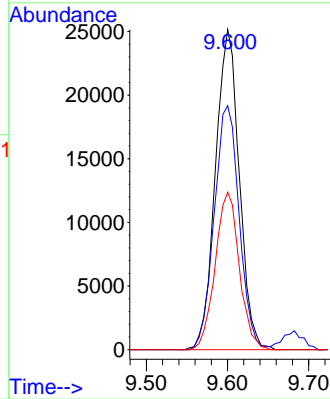
#39  
 Methylcyclohexane  
 Concen: 15.341 ug/l  
 RT: 9.600 min Scan# 1113  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion: 83 Resp: 51386

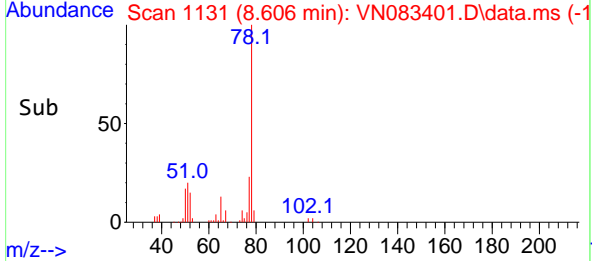
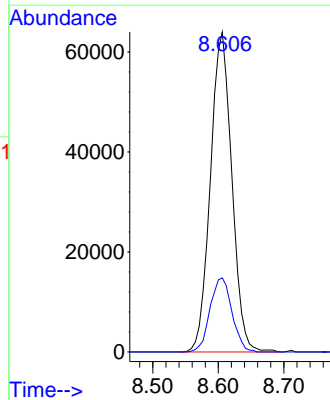
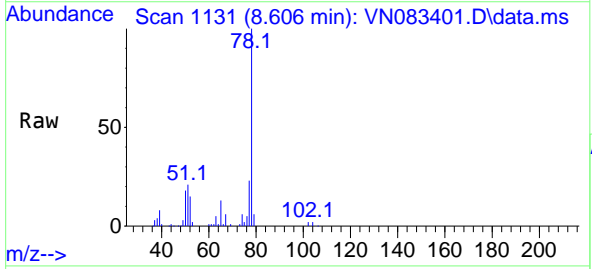
Ion	Ratio	Lower	Upper
83	100		
55	76.2	66.4	99.6
98	49.2	40.7	61.1



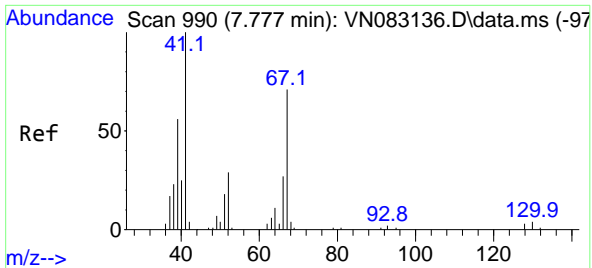
#40  
 Benzene  
 Concen: 17.849 ug/l  
 RT: 8.606 min Scan# 1131  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Tgt Ion: 78 Resp: 145011

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4

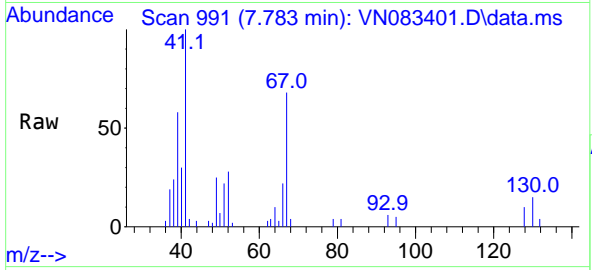




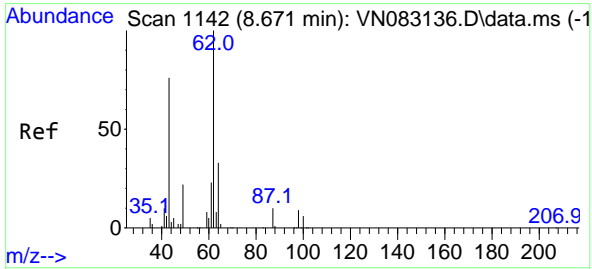
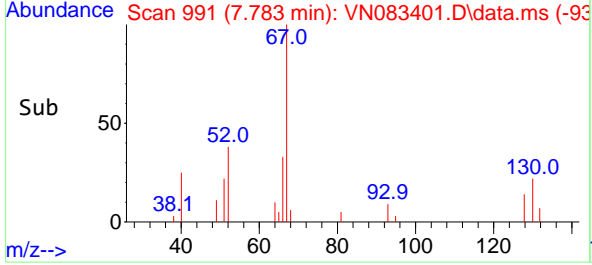
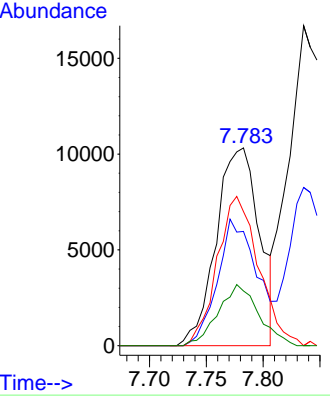


#41  
 Methacrylonitrile  
 Concen: 15.739 ug/l  
 RT: 7.783 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

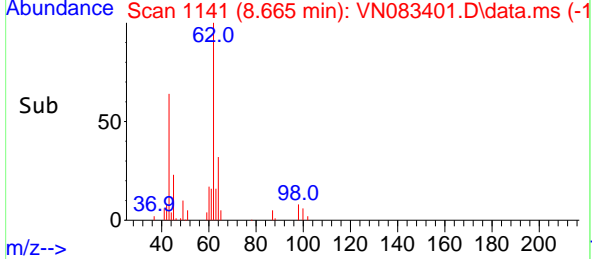
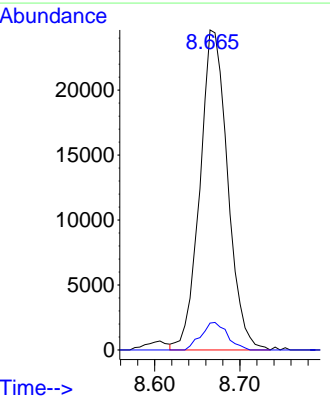
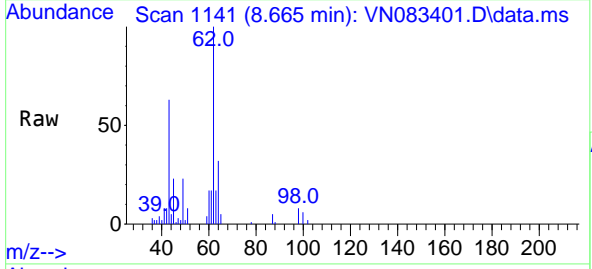


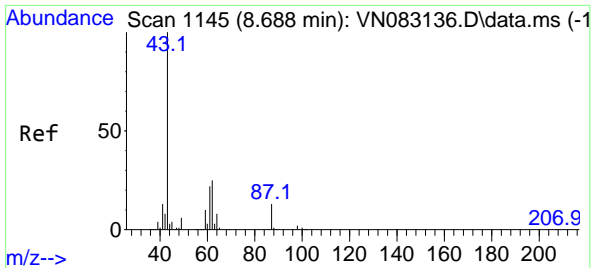
Tgt Ion: 41 Resp: 27325  
 Ion Ratio Lower Upper  
 41 100  
 39 57.7 45.5 68.3  
 67 72.7 50.5 75.7  
 52 28.9 24.0 36.0



#42  
 1,2-Dichloroethane  
 Concen: 18.810 ug/l  
 RT: 8.665 min Scan# 1141  
 Delta R.T. -0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

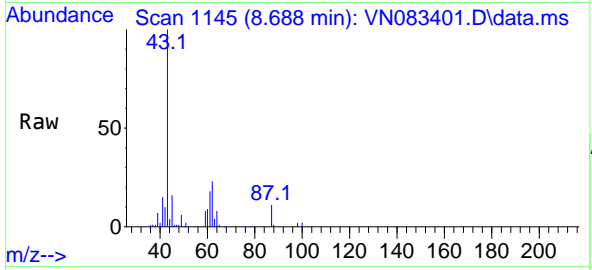
Tgt Ion: 62 Resp: 55666  
 Ion Ratio Lower Upper  
 62 100  
 98 8.1 0.0 15.8





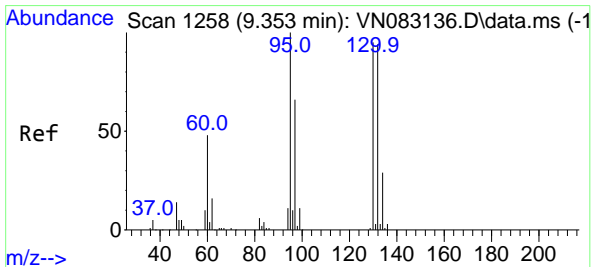
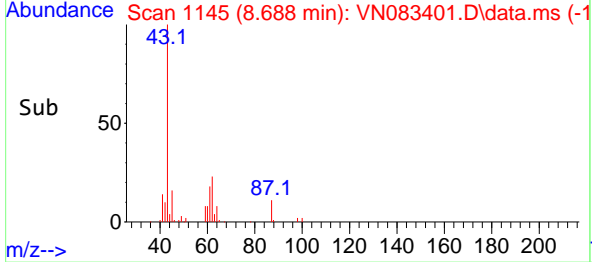
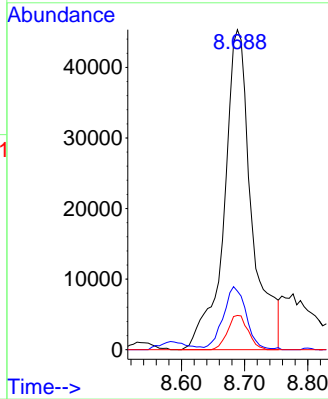
#43  
 Isopropyl Acetate  
 Concen: 24.725 ug/l  
 RT: 8.688 min Scan# 1145  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument : MSVOA\_N  
 ClientSampleId :



Tgt Ion: 43 Resp: 137558

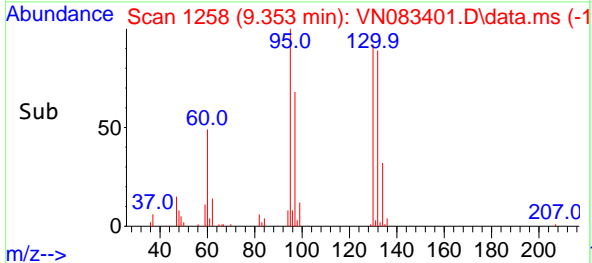
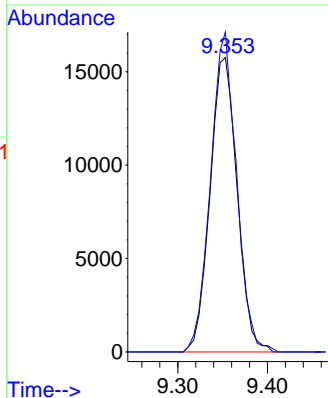
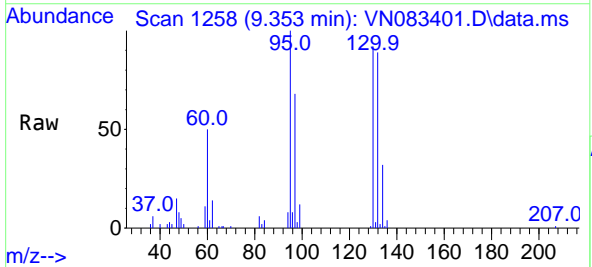
Ion	Ratio	Lower	Upper
43	100		
61	16.5	17.8	26.6#
87	8.0	8.2	12.2#

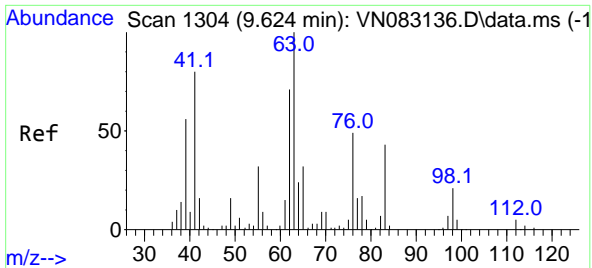


#44  
 Trichloroethene  
 Concen: 17.098 ug/l  
 RT: 9.353 min Scan# 1258  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Tgt Ion: 130 Resp: 33063

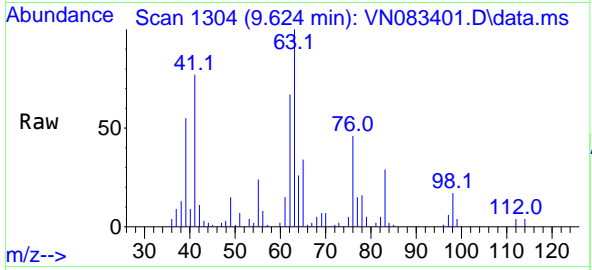
Ion	Ratio	Lower	Upper
130	100		
95	108.7	0.0	197.8



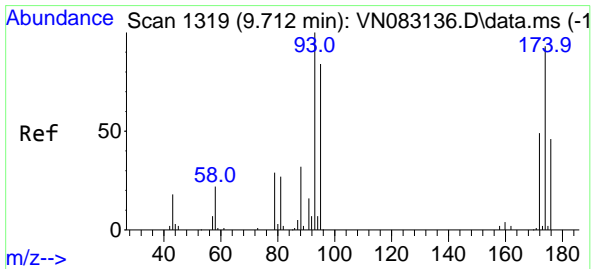
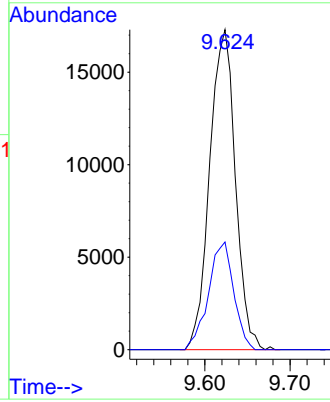
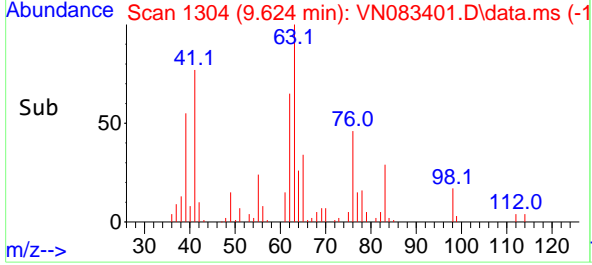


#45  
 1,2-Dichloropropane  
 Concen: 18.801 ug/l  
 RT: 9.624 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

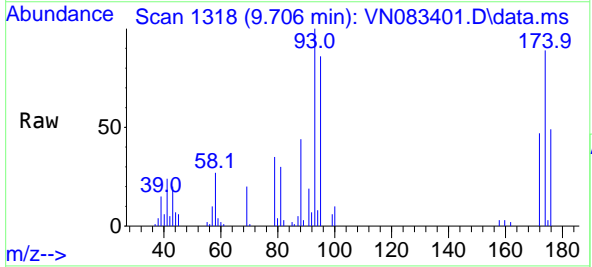
Instrument :  
 MSVOA\_N  
 ClientSampleId :



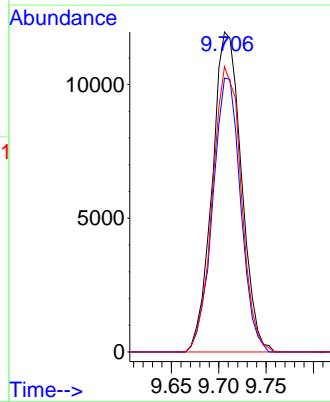
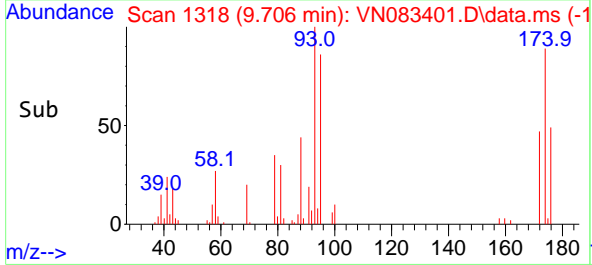
Tgt Ion: 63 Resp: 36256  
 Ion Ratio Lower Upper  
 63 100  
 65 33.7 24.4 36.6

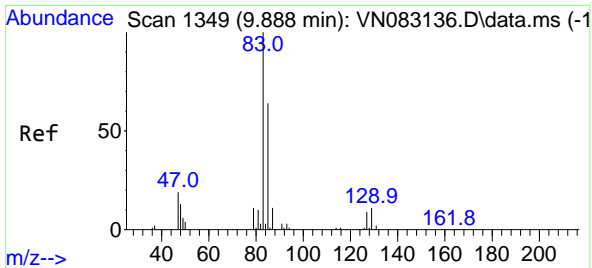


#46  
 Dibromomethane  
 Concen: 18.504 ug/l  
 RT: 9.706 min Scan# 1318  
 Delta R.T. -0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



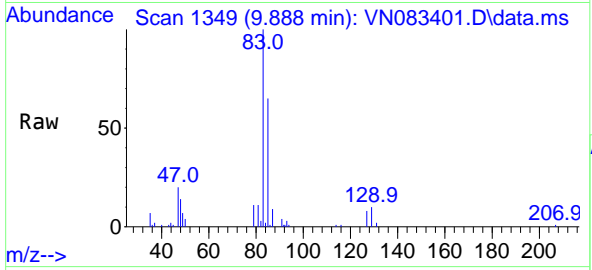
Tgt Ion: 93 Resp: 25541  
 Ion Ratio Lower Upper  
 93 100  
 95 82.0 65.8 98.6  
 174 88.1 71.7 107.5





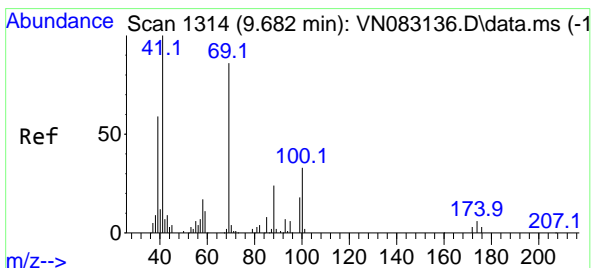
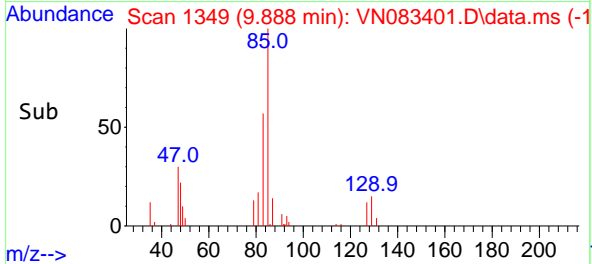
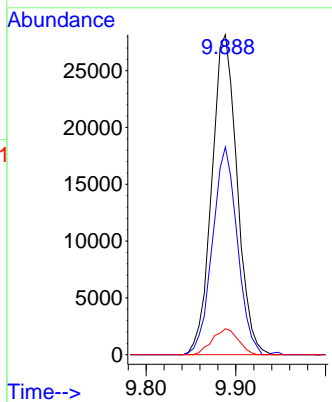
#47  
 Bromodichloromethane  
 Concen: 17.783 ug/l  
 RT: 9.888 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion: 83 Resp: 55114

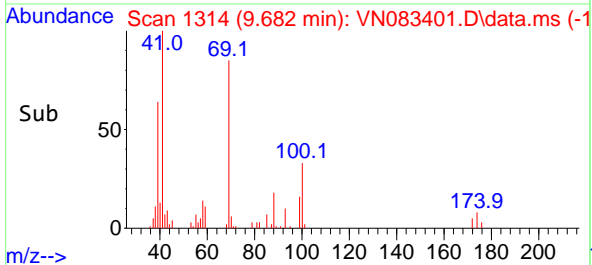
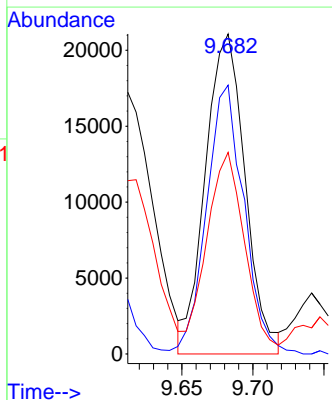
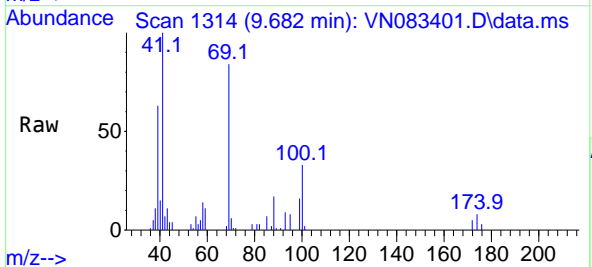
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.1	76.7
127	8.1	7.2	10.8

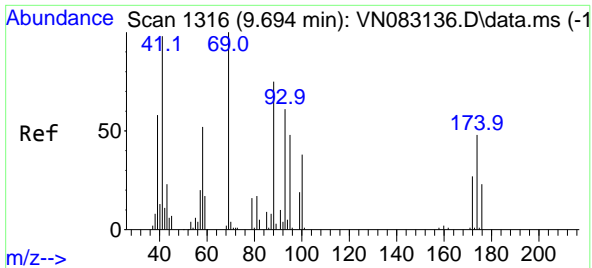


#48  
 Methyl methacrylate  
 Concen: 16.254 ug/l  
 RT: 9.682 min Scan# 1314  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Tgt Ion: 41 Resp: 41031

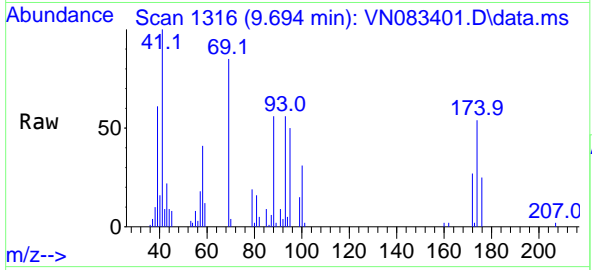
Ion	Ratio	Lower	Upper
41	100		
69	79.4	56.3	84.5
39	61.2	50.3	75.5



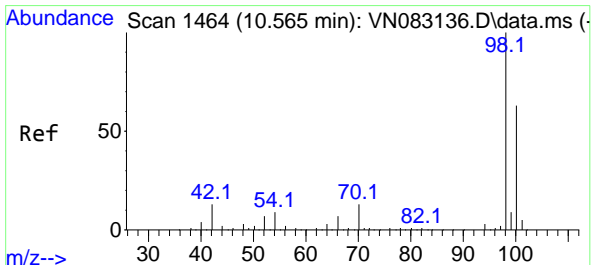
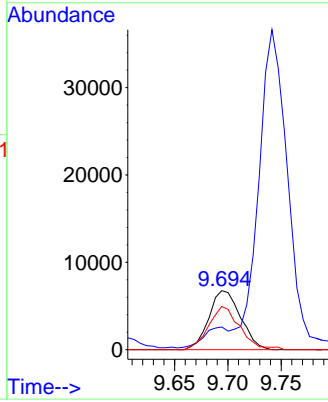
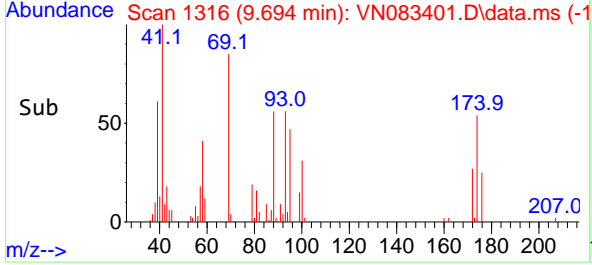


#49  
 1,4-Dioxane  
 Concen: 305.272 ug/l  
 RT: 9.694 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

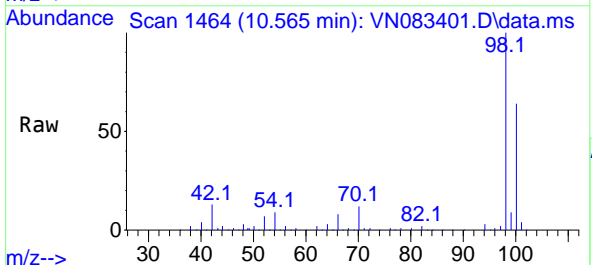
Instrument :  
 MSVOA\_N  
 ClientSampleId :



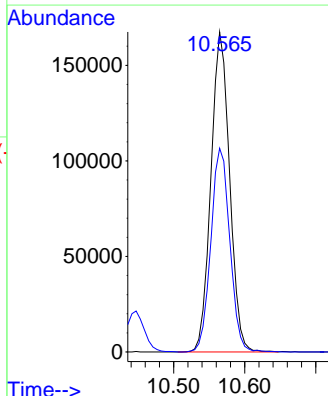
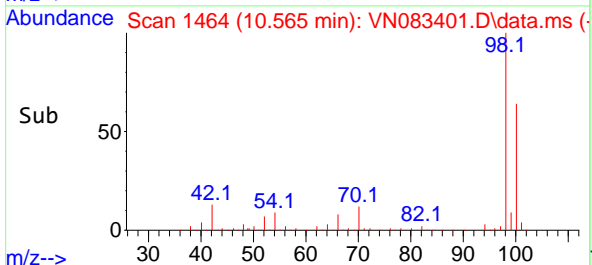
Tgt Ion: 88 Resp: 13903  
 Ion Ratio Lower Upper  
 88 100  
 43 27.3 27.8 41.8#  
 58 72.7 59.4 89.0

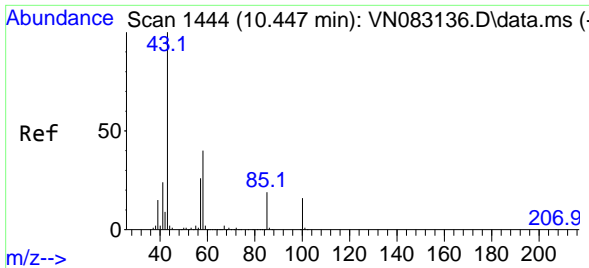


#50  
 Toluene-d8  
 Concen: 45.409 ug/l  
 RT: 10.565 min Scan# 1464  
 Delta R.T. -0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



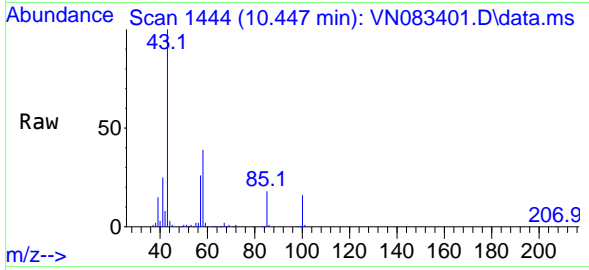
Tgt Ion: 98 Resp: 305368  
 Ion Ratio Lower Upper  
 98 100  
 100 64.7 51.5 77.3



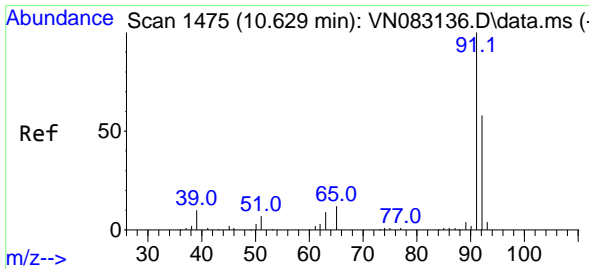
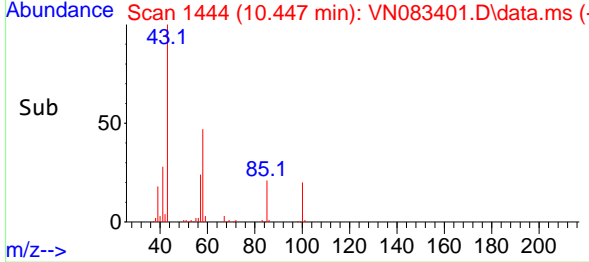
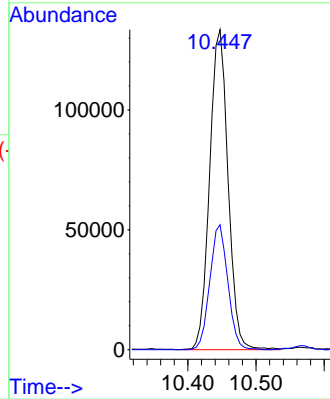


#51  
 4-Methyl-2-Pentanone  
 Concen: 86.987 ug/l  
 RT: 10.447 min Scan# 1444  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument : MSVOA\_N  
 ClientSampleId :

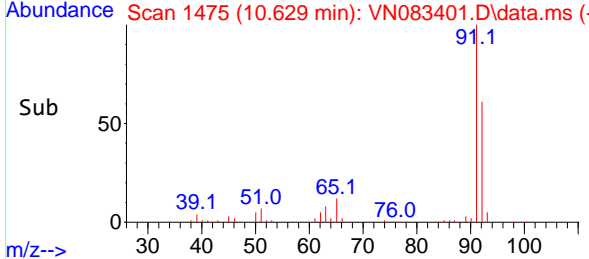
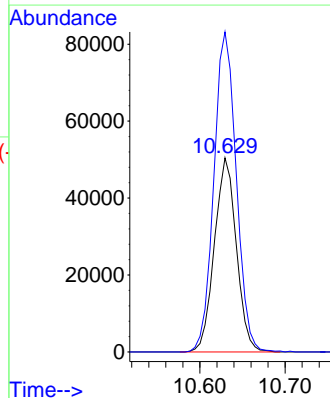
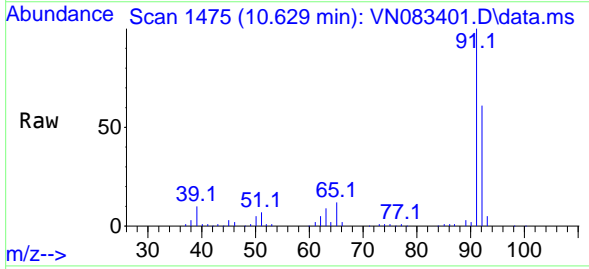


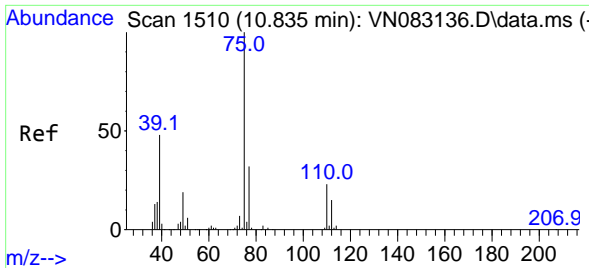
Tgt Ion: 43 Resp: 251170  
 Ion Ratio Lower Upper  
 43 100  
 58 38.1 28.2 42.4



#52  
 Toluene  
 Concen: 17.601 ug/l  
 RT: 10.629 min Scan# 1475  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

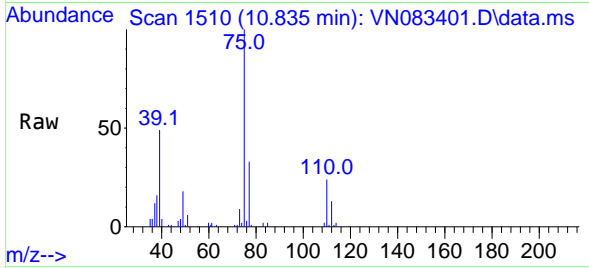
Tgt Ion: 92 Resp: 90349  
 Ion Ratio Lower Upper  
 92 100  
 91 168.4 139.4 209.0



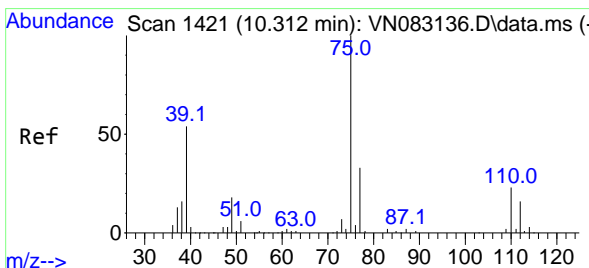
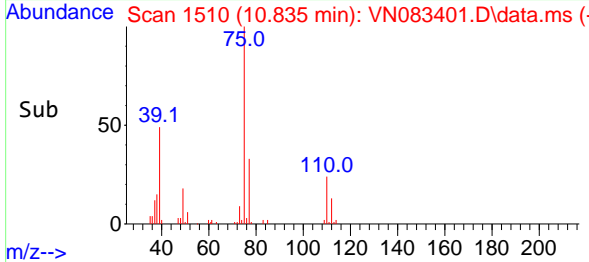
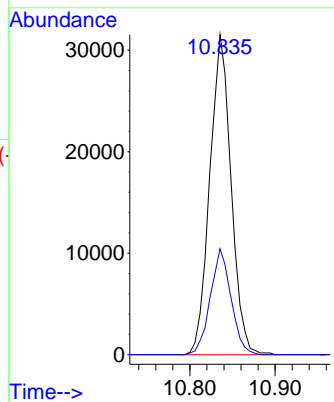


#53  
 t-1,3-Dichloropropene  
 Concen: 17.216 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument : MSVOA\_N  
 ClientSampleId :

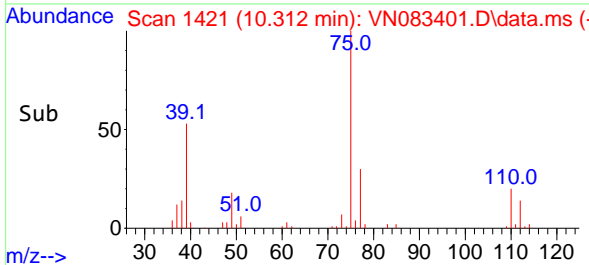
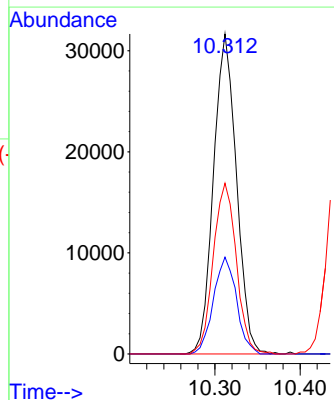
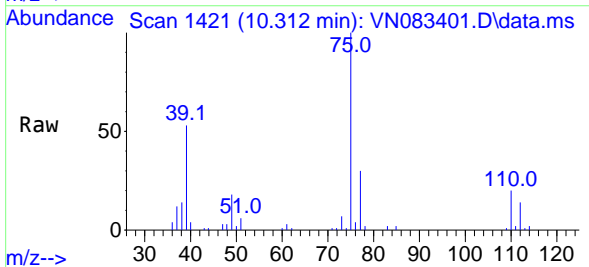


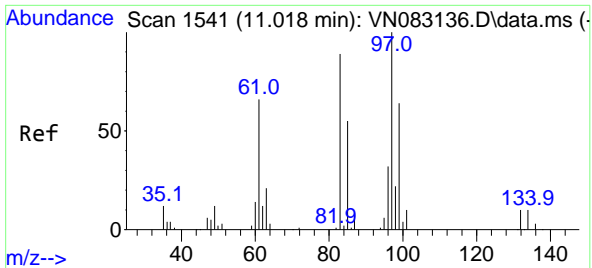
Tgt Ion: 75 Resp: 54810  
 Ion Ratio Lower Upper  
 75 100  
 77 33.1 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 17.462 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

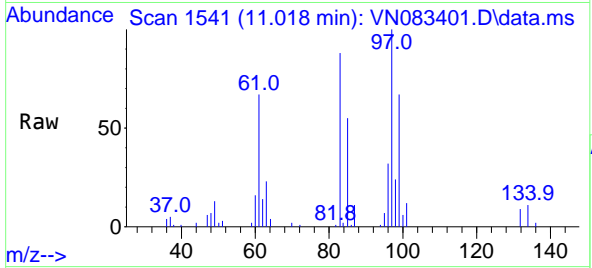
Tgt Ion: 75 Resp: 59131  
 Ion Ratio Lower Upper  
 75 100  
 77 30.3 24.3 36.5  
 39 53.4 50.5 75.7



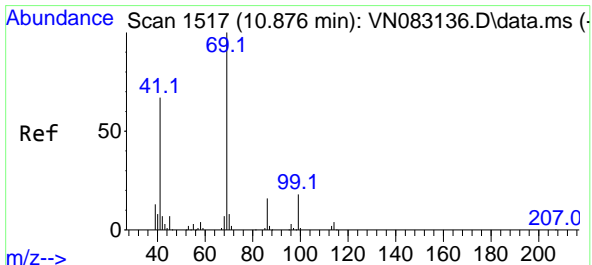
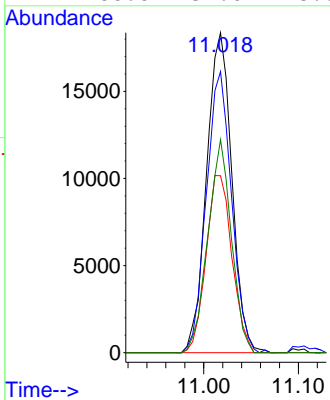
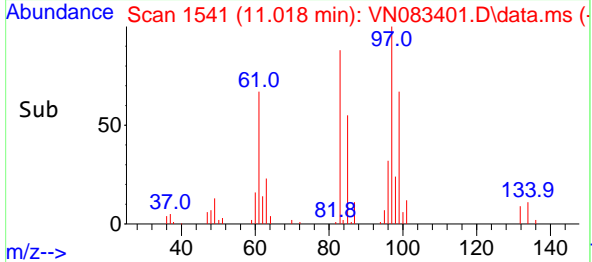


#55  
 1,1,2-Trichloroethane  
 Concen: 18.482 ug/l  
 RT: 11.018 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

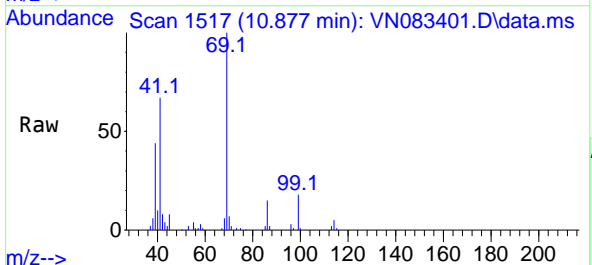
Instrument :  
 MSVOA\_N  
 ClientSampleId :



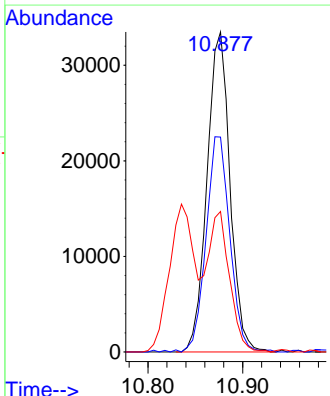
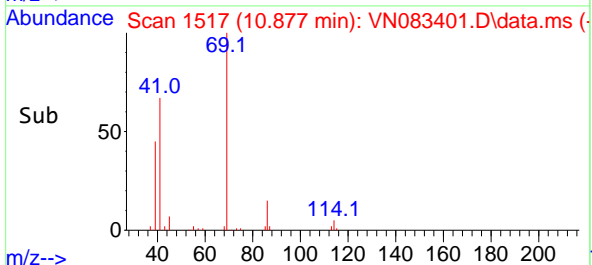
Tgt Ion: 97 Resp: 33999  
 Ion Ratio Lower Upper  
 97 100  
 83 87.8 71.4 107.0  
 85 55.3 45.8 68.6  
 99 66.6 52.0 78.0



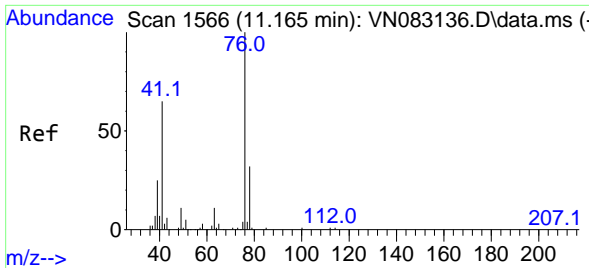
#56  
 Ethyl methacrylate  
 Concen: 16.292 ug/l  
 RT: 10.877 min Scan# 1517  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



Tgt Ion: 69 Resp: 56500  
 Ion Ratio Lower Upper  
 69 100  
 41 69.7 63.4 95.2  
 39 43.2 37.4 56.0

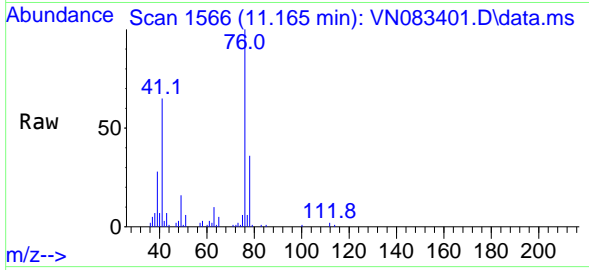




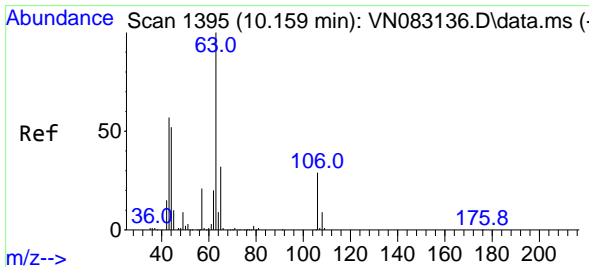
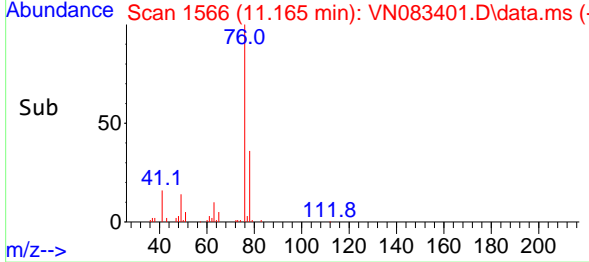
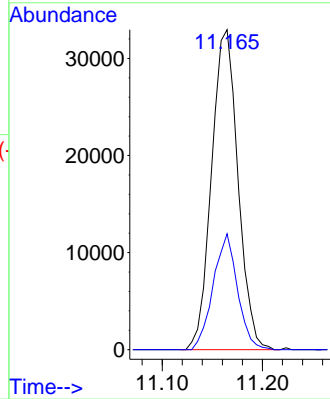


#57  
 1,3-Dichloropropane  
 Concen: 18.385 ug/l  
 RT: 11.165 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

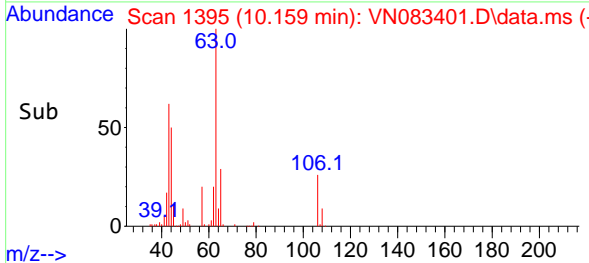
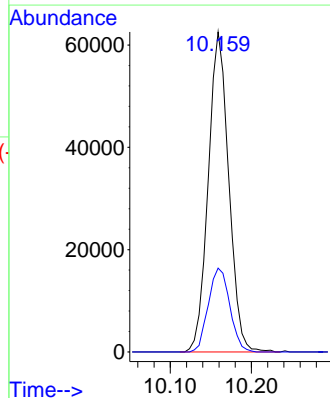
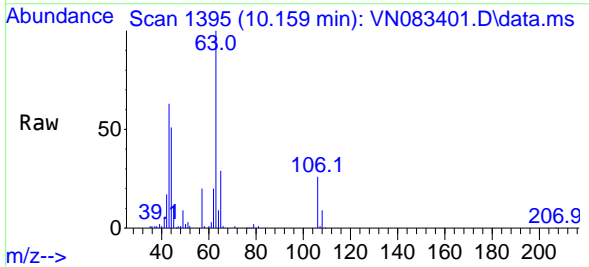


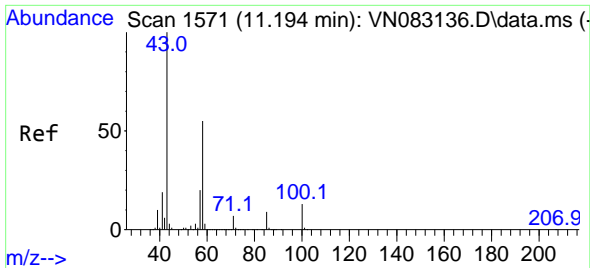
Tgt Ion: 76 Resp: 60282  
 Ion Ratio Lower Upper  
 76 100  
 78 33.3 25.6 38.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 74.744 ug/l  
 RT: 10.159 min Scan# 1395  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

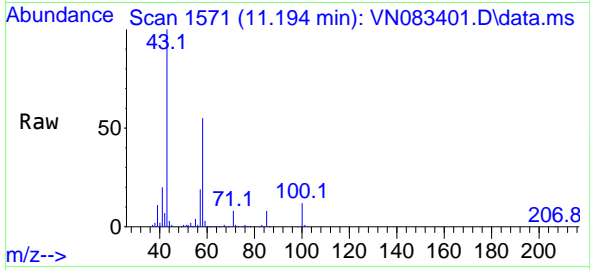
Tgt Ion: 63 Resp: 109565  
 Ion Ratio Lower Upper  
 63 100  
 106 27.4 21.4 32.0



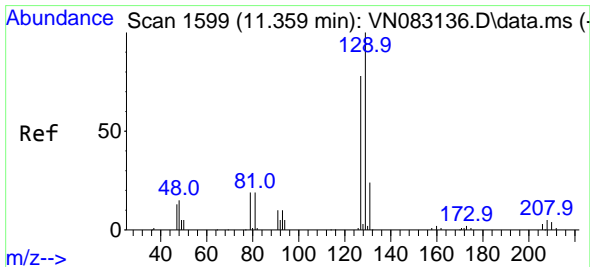
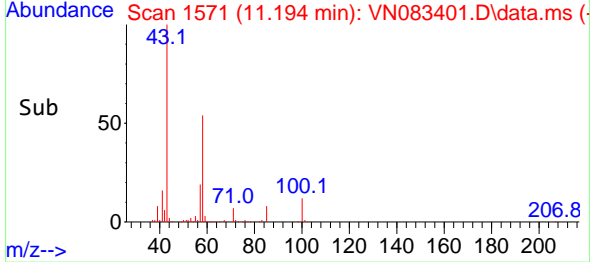
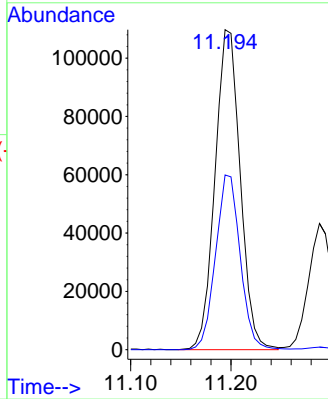


#59  
 2-Hexanone  
 Concen: 85.816 ug/l  
 RT: 11.194 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

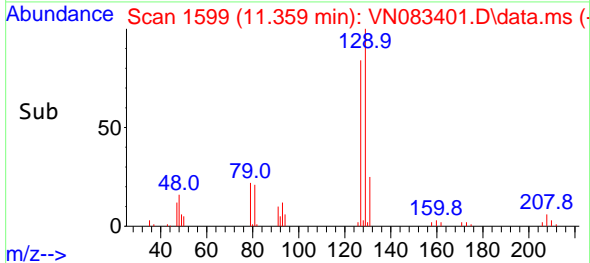
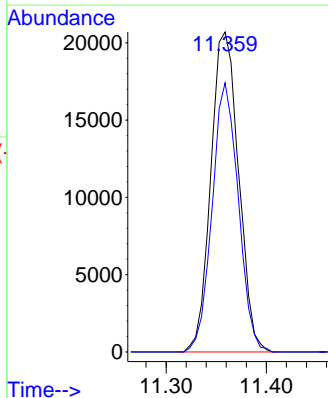
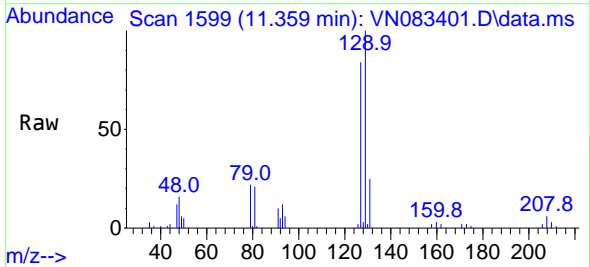


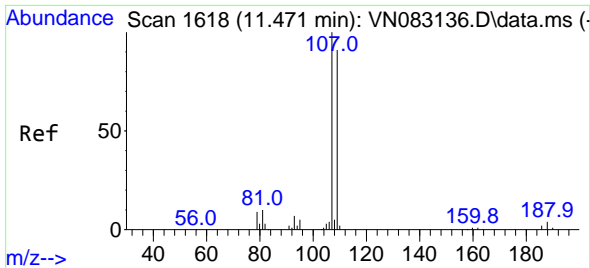
Tgt Ion: 43 Resp: 191699  
 Ion Ratio Lower Upper  
 43 100  
 58 53.4 24.6 73.8



#60  
 Dibromochloromethane  
 Concen: 17.919 ug/l  
 RT: 11.359 min Scan# 1599  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

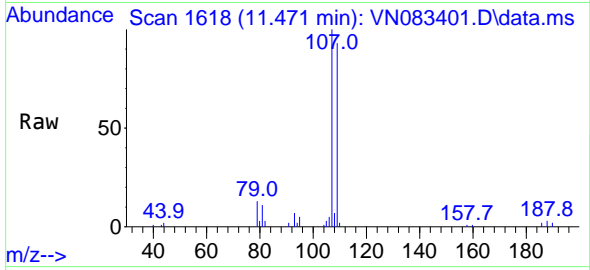
Tgt Ion:129 Resp: 39853  
 Ion Ratio Lower Upper  
 129 100  
 127 79.3 39.2 117.6



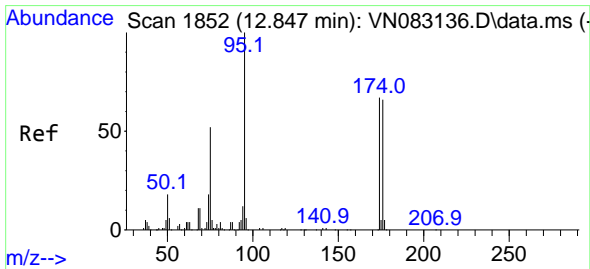
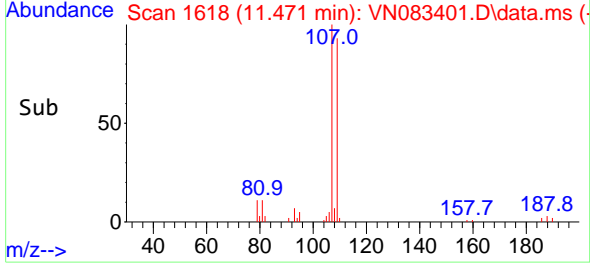
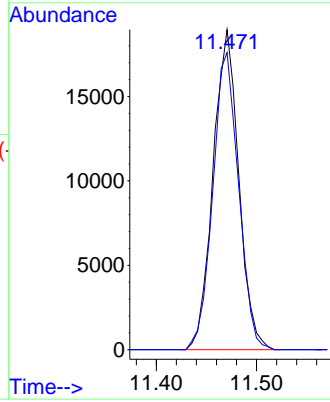


#61  
 1,2-Dibromoethane  
 Concen: 17.404 ug/l  
 RT: 11.471 min Scan# 1618  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

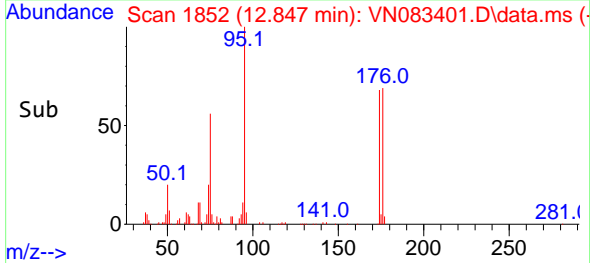
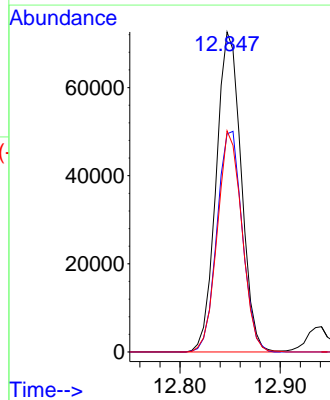
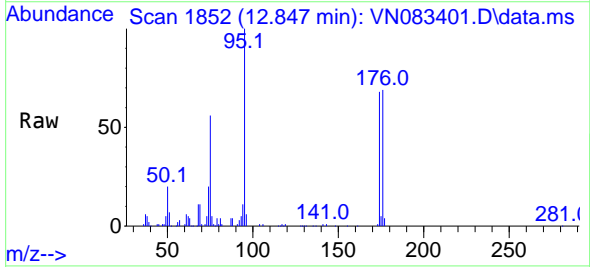


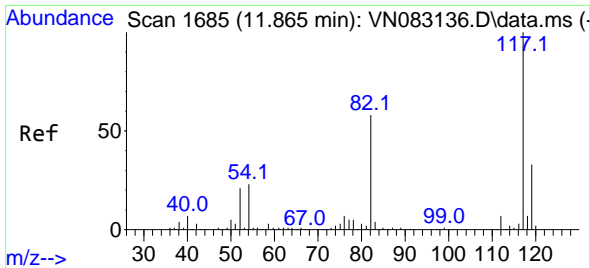
Tgt Ion:107 Resp: 33633  
 Ion Ratio Lower Upper  
 107 100  
 109 93.6 73.7 110.5



#62  
 4-Bromofluorobenzene  
 Concen: 47.966 ug/l  
 RT: 12.847 min Scan# 1852  
 Delta R.T. -0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

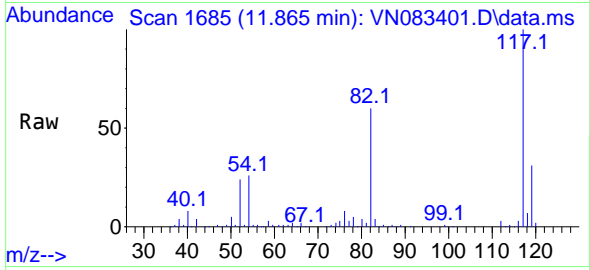
Tgt Ion: 95 Resp: 125752  
 Ion Ratio Lower Upper  
 95 100  
 174 69.8 0.0 159.2  
 176 67.8 0.0 147.6





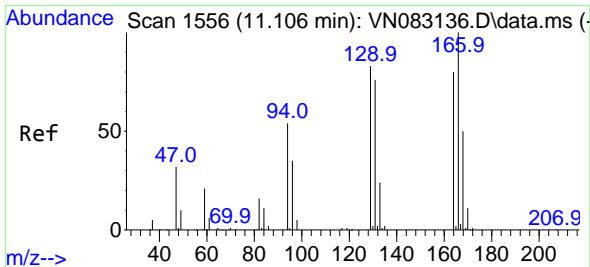
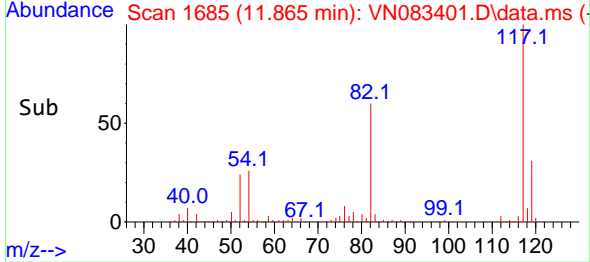
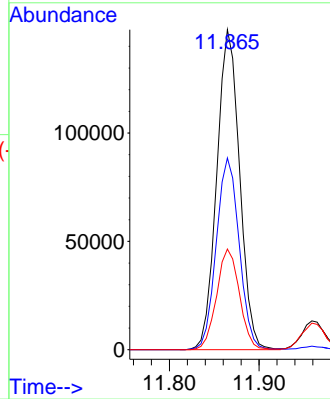
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.865 min Scan# 117  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument : MSVOA\_N  
 ClientSampleId :

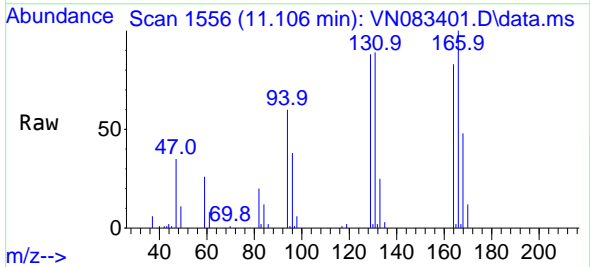


Tgt Ion:117 Resp: 261400

Ion	Ratio	Lower	Upper
117	100		
82	59.9	47.5	71.3
119	31.4	25.6	38.4

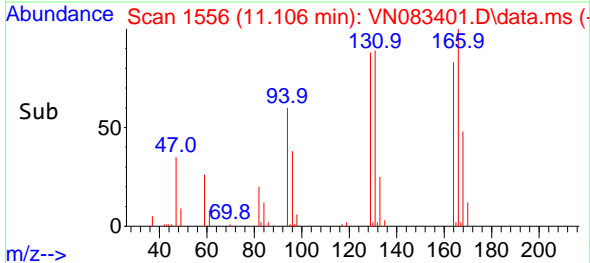
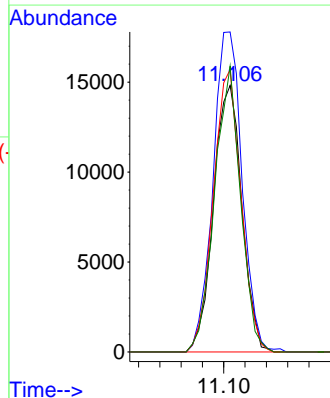


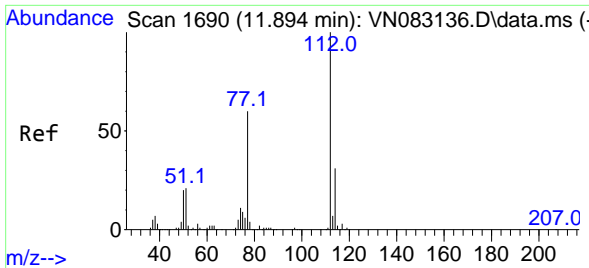
#64  
 Tetrachloroethene  
 Concen: 15.852 ug/l  
 RT: 11.106 min Scan# 1556  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



Tgt Ion:164 Resp: 27443

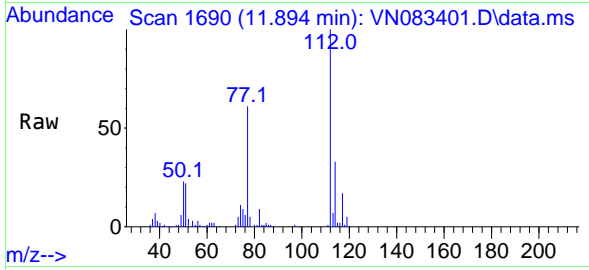
Ion	Ratio	Lower	Upper
164	100		
166	120.1	101.4	152.0
129	105.9	75.7	113.5
131	107.2	73.8	110.6



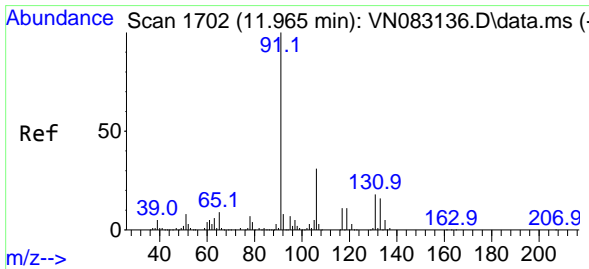
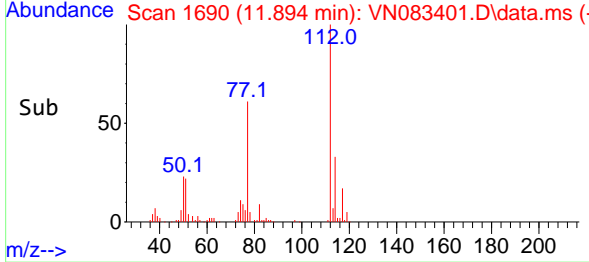
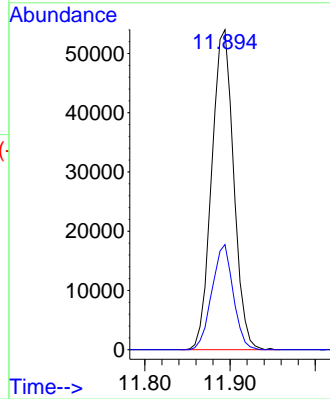


#65  
 Chlorobenzene  
 Concen: 16.712 ug/l  
 RT: 11.894 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

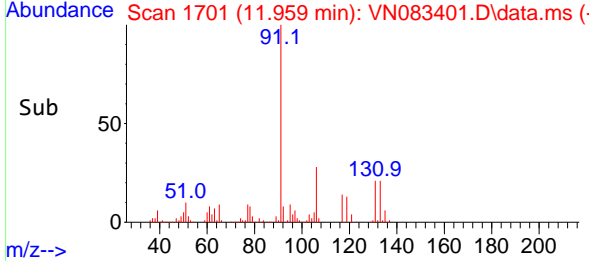
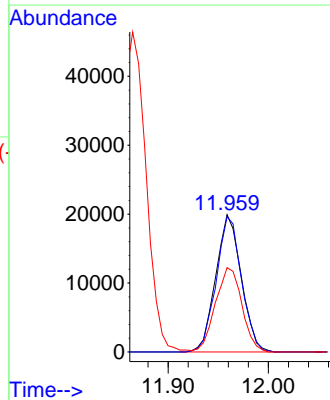
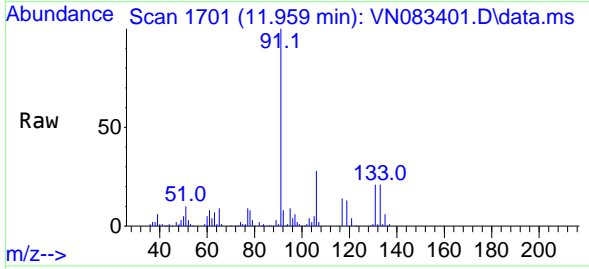


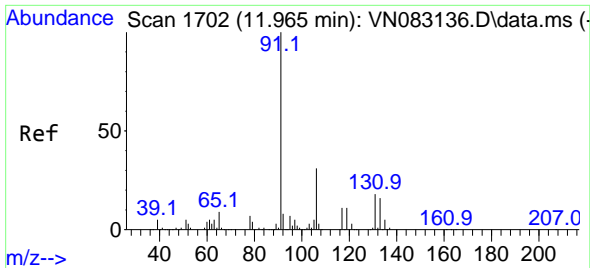
Tgt Ion:112 Resp: 96538  
 Ion Ratio Lower Upper  
 112 100  
 114 32.9 26.2 39.2



#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 17.249 ug/l  
 RT: 11.959 min Scan# 1701  
 Delta R.T. -0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

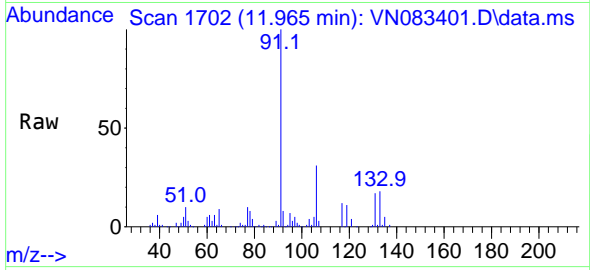
Tgt Ion:131 Resp: 35141  
 Ion Ratio Lower Upper  
 131 100  
 133 97.5 47.3 142.0  
 119 63.7 32.5 97.4



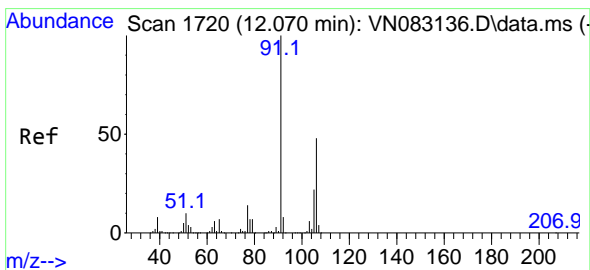
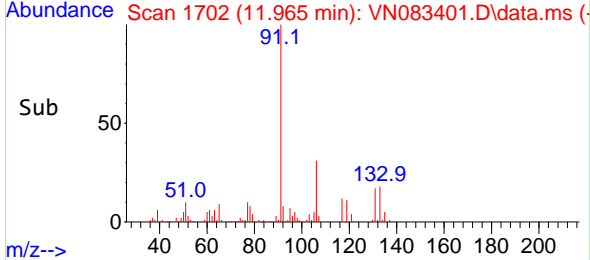
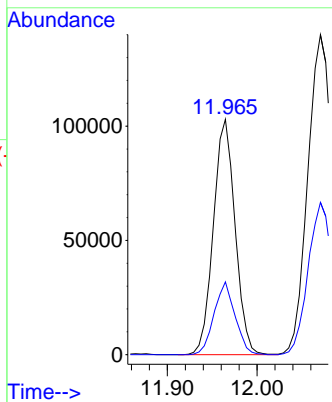


#67  
 Ethyl Benzene  
 Concen: 16.341 ug/l  
 RT: 11.965 min Scan# 1702  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

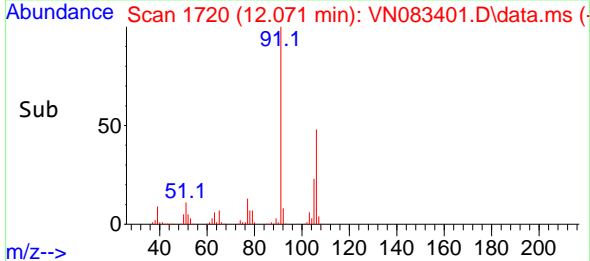
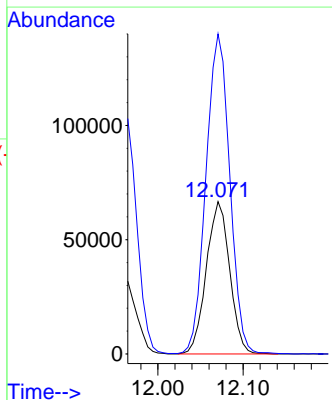
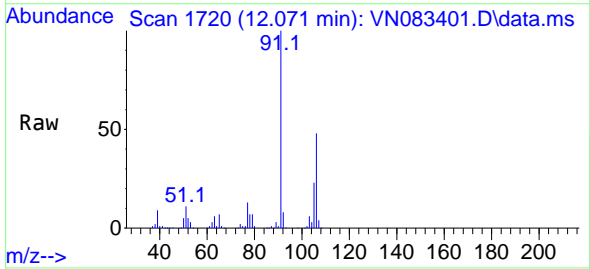


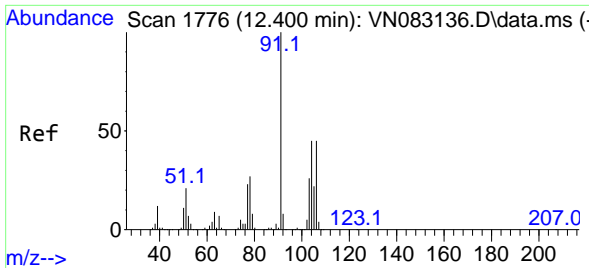
Tgt Ion: 91 Resp: 173167  
 Ion Ratio Lower Upper  
 91 100  
 106 31.0 24.0 36.0



#68  
 m/p-Xylenes  
 Concen: 32.031 ug/l  
 RT: 12.071 min Scan# 1720  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

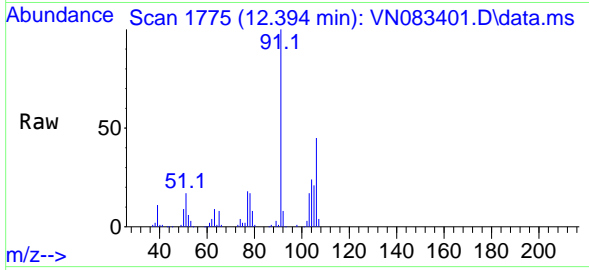
Tgt Ion: 106 Resp: 127150  
 Ion Ratio Lower Upper  
 106 100  
 91 214.2 166.1 249.1



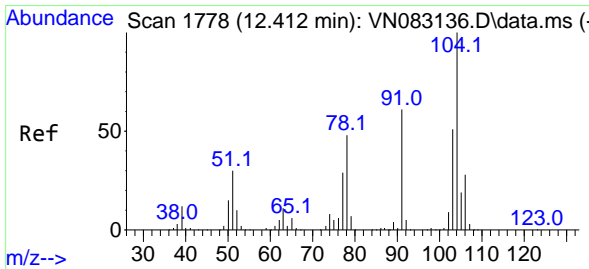
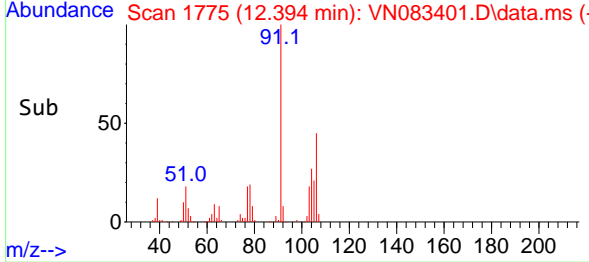
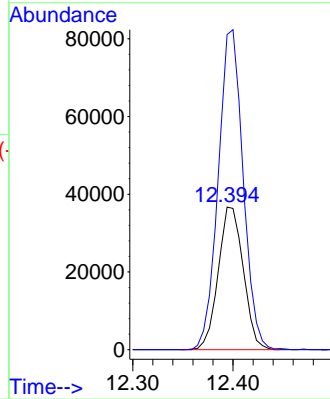


#69  
 o-Xylene  
 Concen: 16.217 ug/l  
 RT: 12.394 min Scan# 1775  
 Delta R.T. -0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

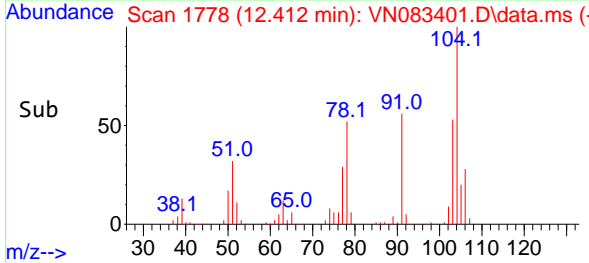
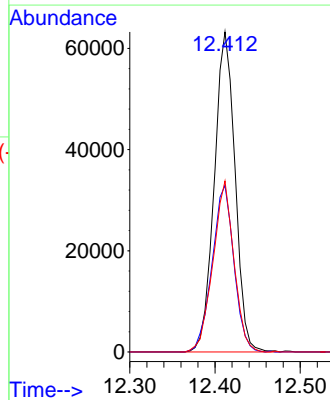
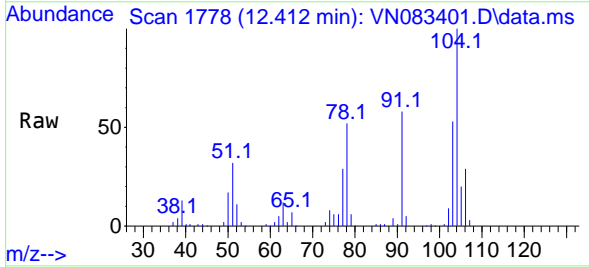


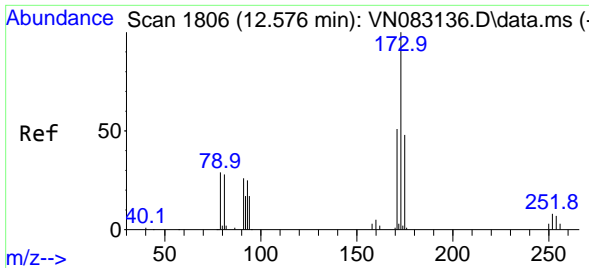
Tgt Ion:106 Resp: 63492  
 Ion Ratio Lower Upper  
 106 100  
 91 223.2 111.3 333.9



#70  
 Styrene  
 Concen: 16.304 ug/l  
 RT: 12.412 min Scan# 1778  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

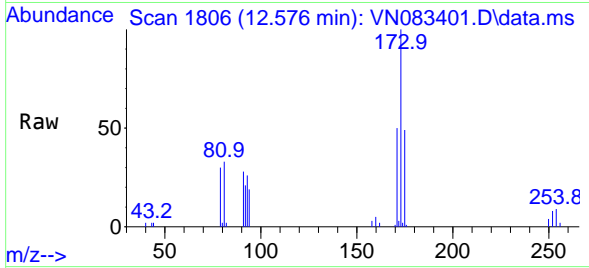
Tgt Ion:104 Resp: 107210  
 Ion Ratio Lower Upper  
 104 100  
 78 54.5 41.6 62.4  
 103 54.0 44.0 66.0



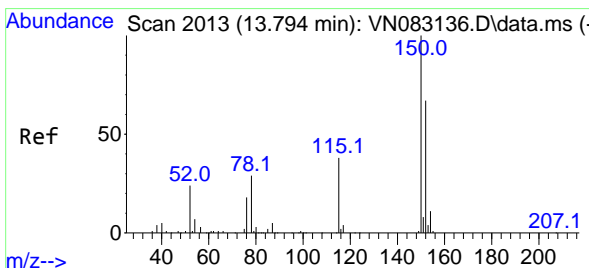
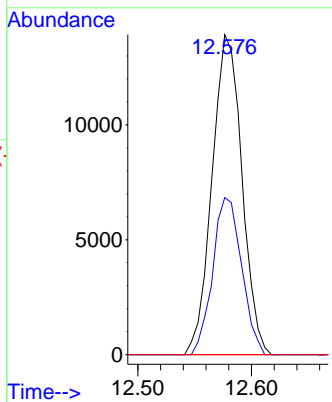
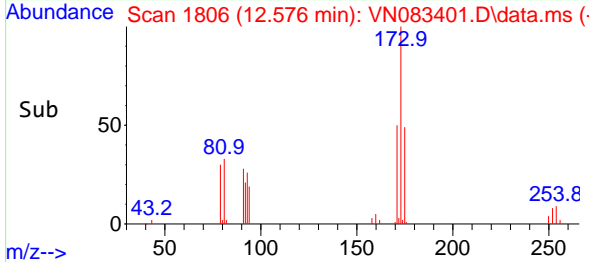


#71  
 Bromoform  
 Concen: 16.479 ug/l  
 RT: 12.576 min Scan# 1806  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

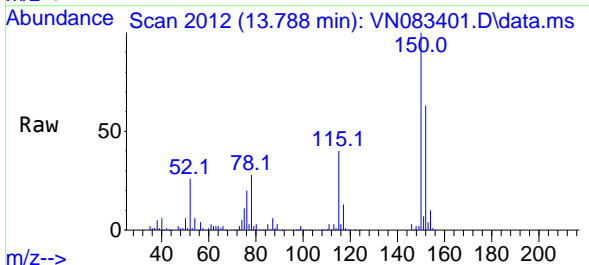
Instrument : MSVOA\_N  
 ClientSampleId :



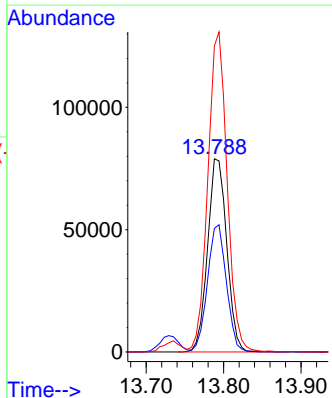
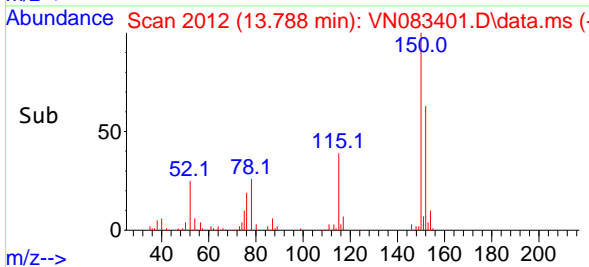
Tgt Ion:173 Resp: 25434  
 Ion Ratio Lower Upper  
 173 100  
 175 47.5 24.0 72.0  
 254 0.0 0.0 0.0



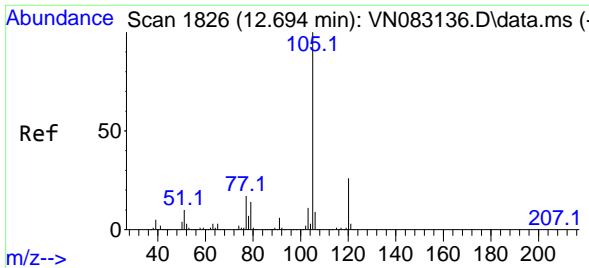
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.788 min Scan# 2012  
 Delta R.T. -0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



Tgt Ion:152 Resp: 136239  
 Ion Ratio Lower Upper  
 152 100  
 115 64.9 30.6 91.6  
 150 166.4 0.0 348.6

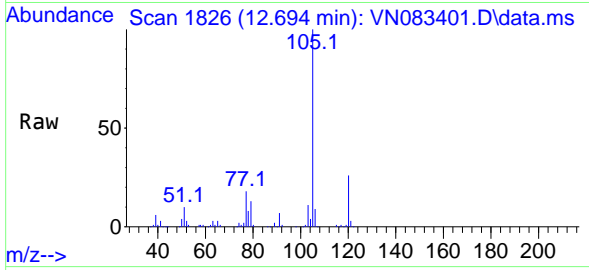




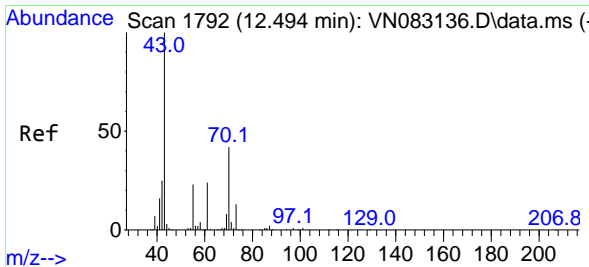
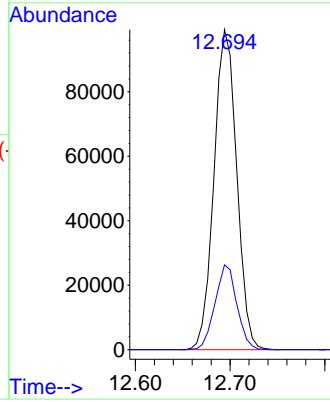
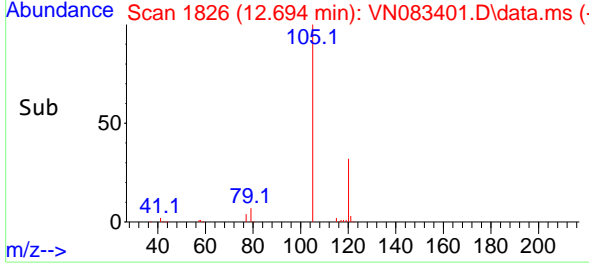


#73  
 Isopropylbenzene  
 Concen: 14.514 ug/l  
 RT: 12.694 min Scan# 1826  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

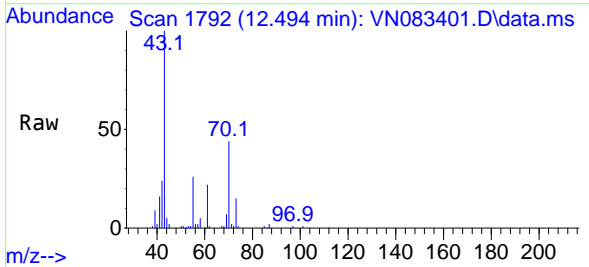
Instrument : MSVOA\_N  
 ClientSampleId :



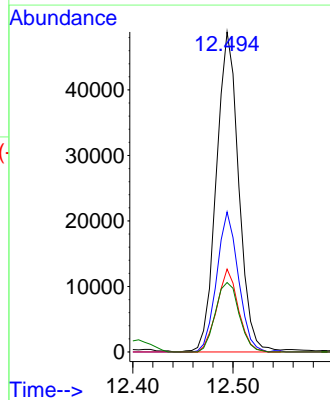
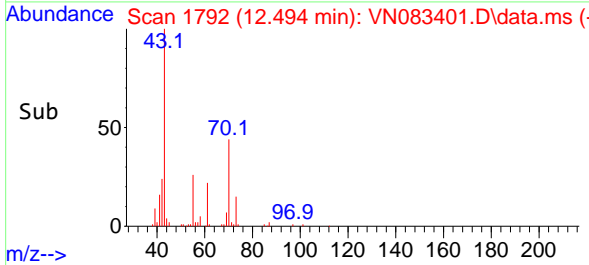
Tgt Ion:105 Resp: 165393  
 Ion Ratio Lower Upper  
 105 100  
 120 25.5 12.9 38.6

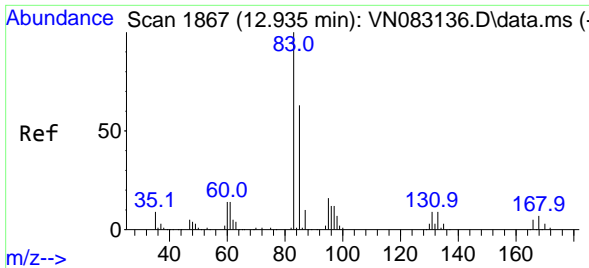


#74  
 N-ethyl acetate  
 Concen: 13.597 ug/l  
 RT: 12.494 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



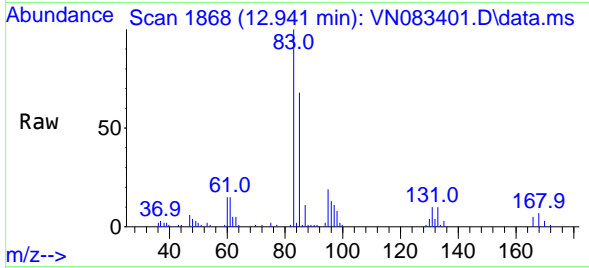
Tgt Ion: 43 Resp: 75790  
 Ion Ratio Lower Upper  
 43 100  
 70 42.5 29.8 44.6  
 55 24.9 18.7 28.1  
 61 23.0 17.4 26.0



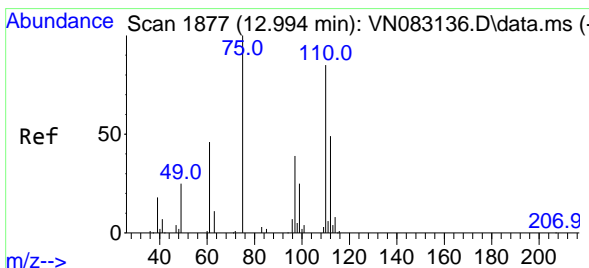
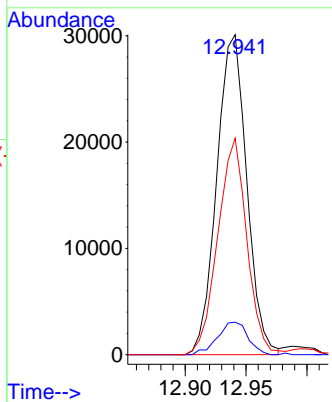
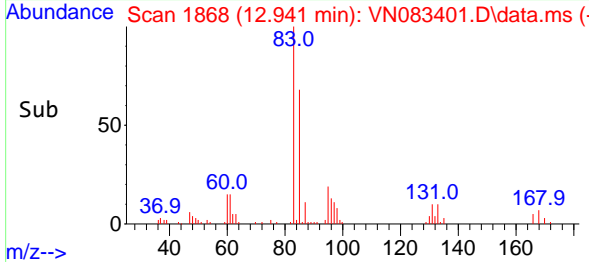


#75  
 1,1,2-Tetrachloroethane  
 Concen: 16.028 ug/l  
 RT: 12.941 min Scan# 1868  
 Delta R.T. 0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

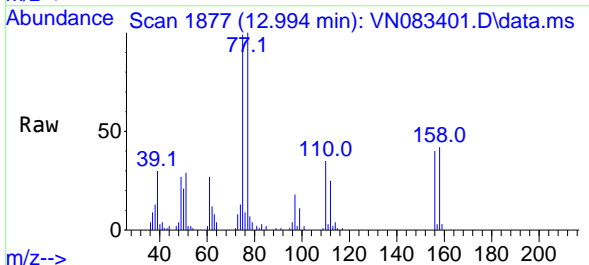
Instrument : MSVOA\_N  
 ClientSampleId :



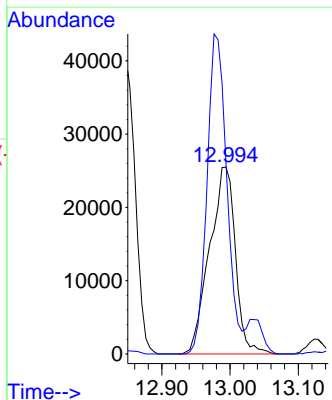
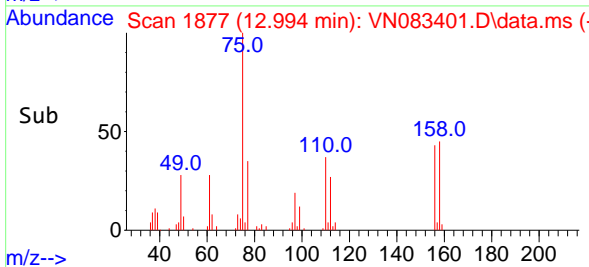
Tgt Ion: 83 Resp: 51658  
 Ion Ratio Lower Upper  
 83 100  
 131 10.3 5.0 14.9  
 85 65.5 31.9 95.7

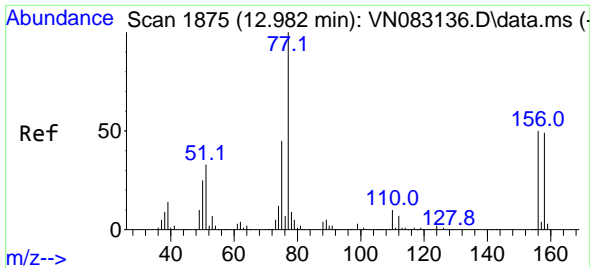


#76  
 1,2,3-Trichloropropane  
 Concen: 22.530 ug/l  
 RT: 12.994 min Scan# 1877  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



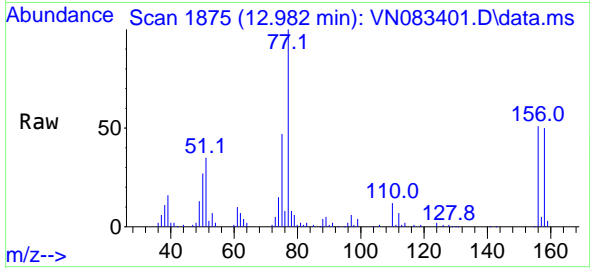
Tgt Ion: 75 Resp: 67367  
 Ion Ratio Lower Upper  
 75 100  
 77 130.7 110.9 332.6



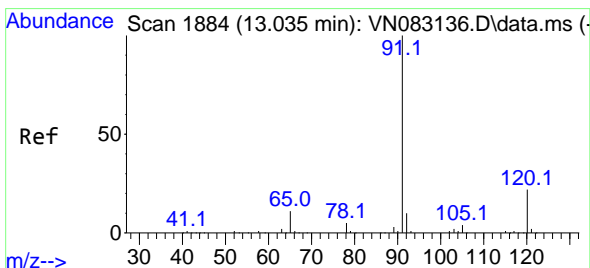
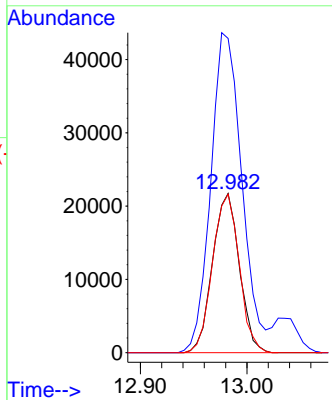
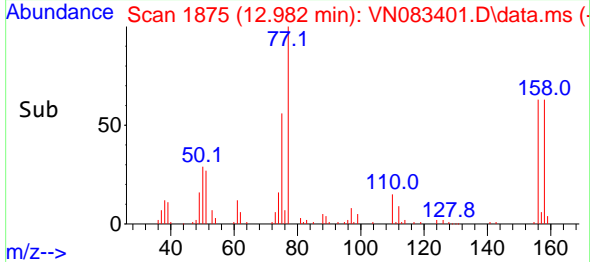


#77  
 Bromobenzene  
 Concen: 15.009 ug/l  
 RT: 12.982 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

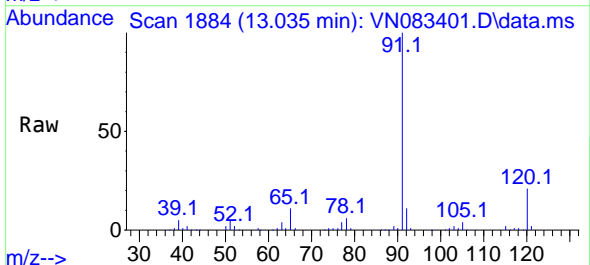
Instrument : MSVOA\_N  
 ClientSampleId :



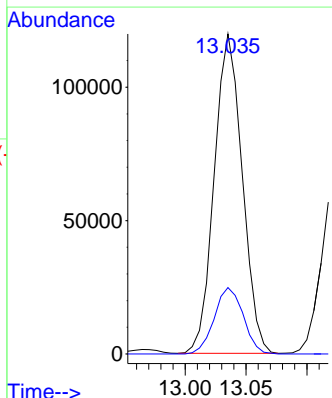
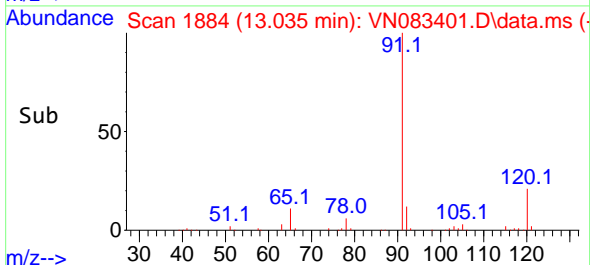
Tgt Ion:156 Resp: 37993  
 Ion Ratio Lower Upper  
 156 100  
 77 231.8 111.3 333.8  
 158 99.0 48.3 144.9

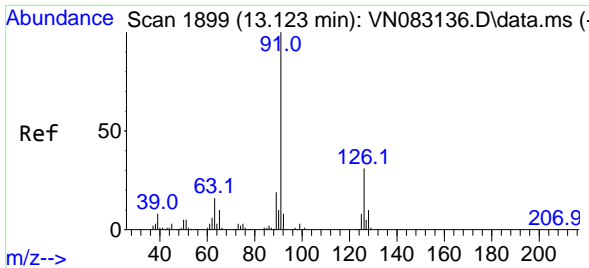


#78  
 n-propylbenzene  
 Concen: 14.606 ug/l  
 RT: 13.035 min Scan# 1884  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



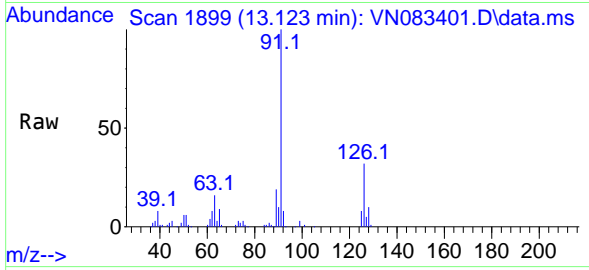
Tgt Ion: 91 Resp: 191648  
 Ion Ratio Lower Upper  
 91 100  
 120 21.4 10.9 32.9



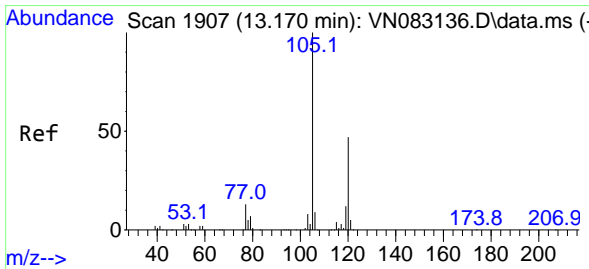
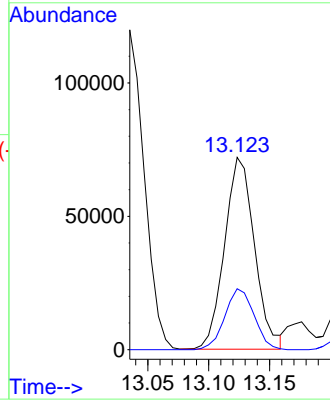
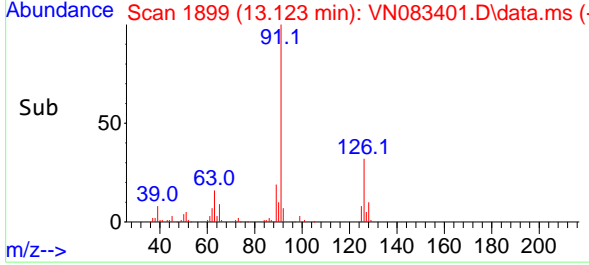


#79  
 2-Chlorotoluene  
 Concen: 14.804 ug/l  
 RT: 13.123 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

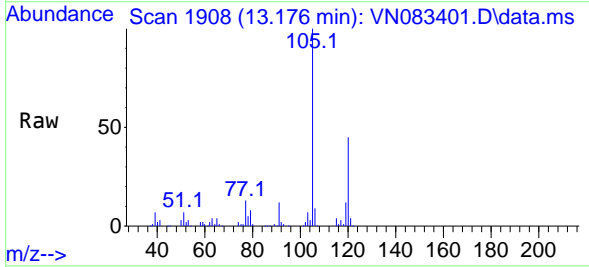
Instrument :  
 MSVOA\_N  
 ClientSampleId :



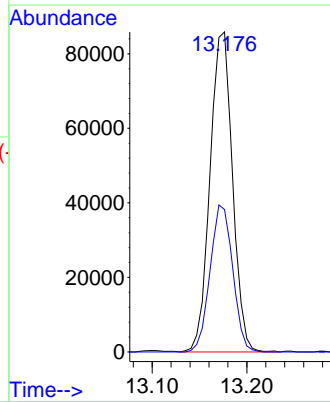
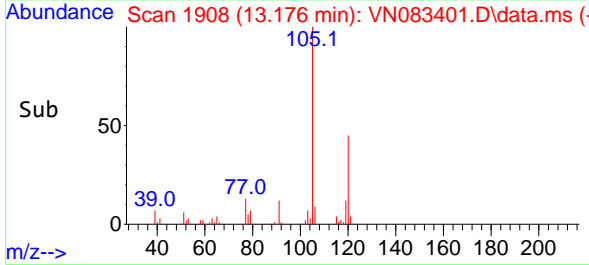
Tgt Ion: 91 Resp: 123155  
 Ion Ratio Lower Upper  
 91 100  
 126 31.0 16.2 48.6

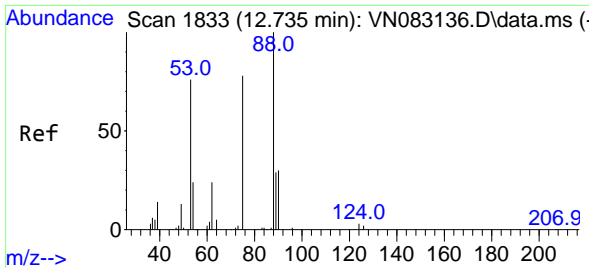


#80  
 1,3,5-Trimethylbenzene  
 Concen: 14.849 ug/l  
 RT: 13.176 min Scan# 1908  
 Delta R.T. 0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



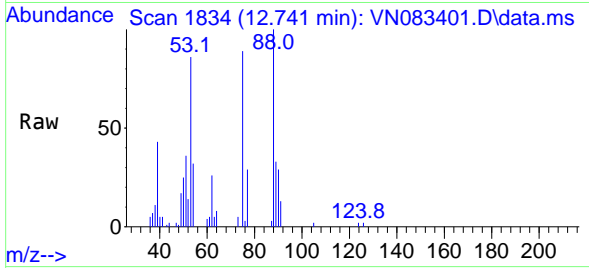
Tgt Ion: 105 Resp: 141666  
 Ion Ratio Lower Upper  
 105 100  
 120 46.2 24.3 72.8



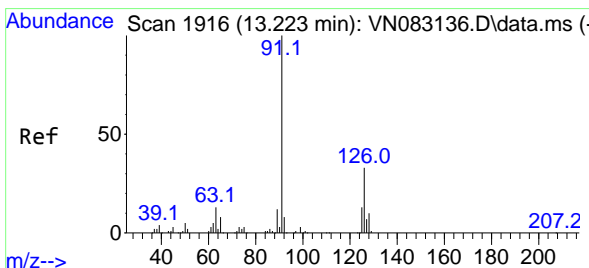
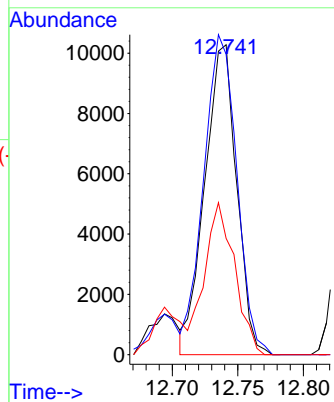
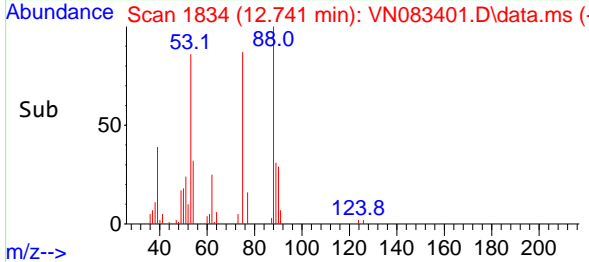


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 12.646 ug/l  
 RT: 12.741 min Scan# 1834  
 Delta R.T. 0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

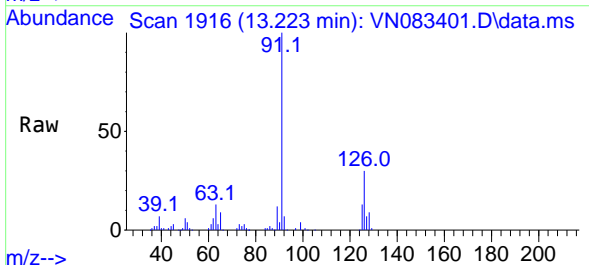
Instrument : MSVOA\_N  
 ClientSampleId :



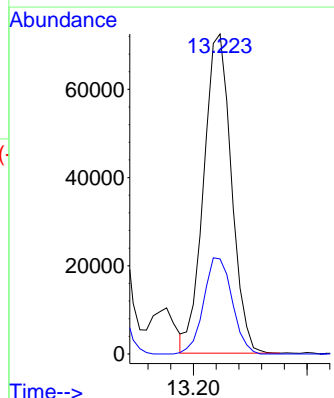
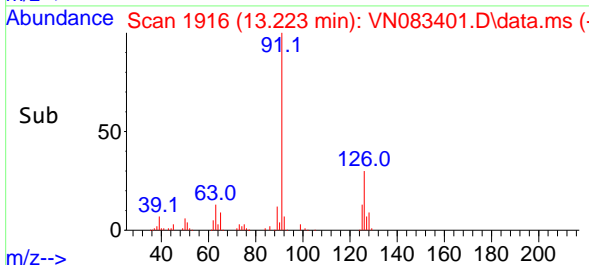
Tgt Ion: 75 Resp: 17384  
 Ion Ratio Lower Upper  
 75 100  
 53 107.3 88.4 132.6  
 89 46.0 36.3 54.5

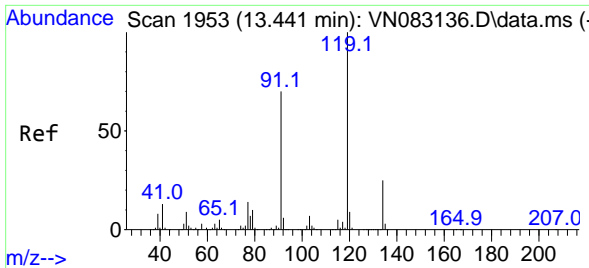


#82  
 4-Chlorotoluene  
 Concen: 14.703 ug/l  
 RT: 13.223 min Scan# 1916  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



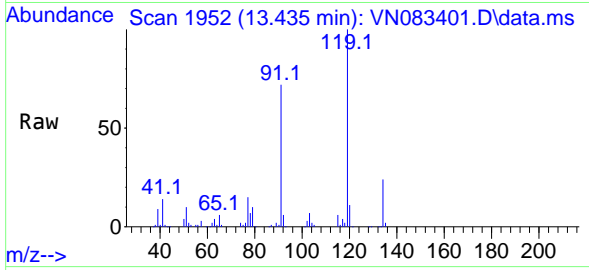
Tgt Ion: 91 Resp: 122692  
 Ion Ratio Lower Upper  
 91 100  
 126 30.9 16.2 48.6





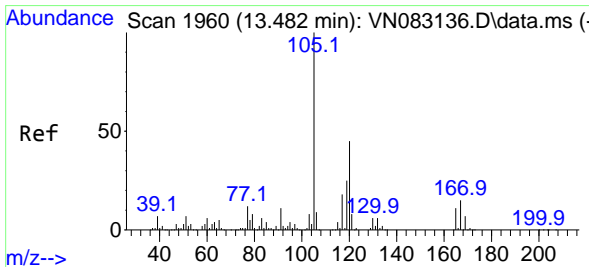
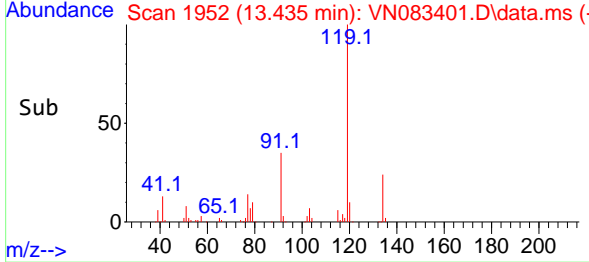
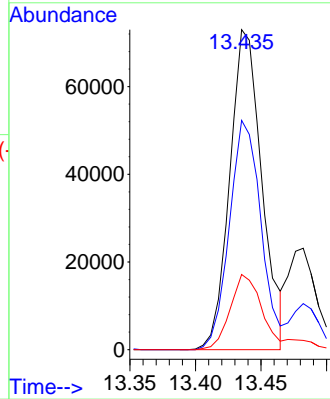
#83  
 tert-Butylbenzene  
 Concen: 14.765 ug/l  
 RT: 13.435 min Scan# 1952  
 Delta R.T. -0.006 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument : MSVOA\_N  
 ClientSampleId :



Tgt Ion:119 Resp: 124746

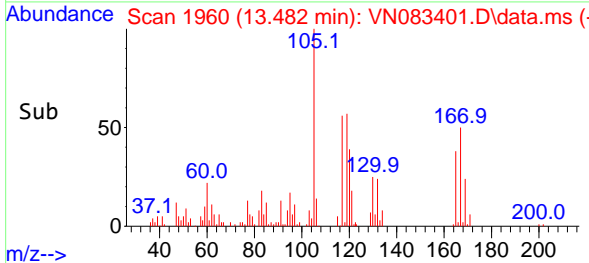
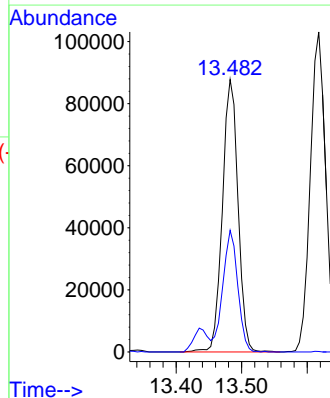
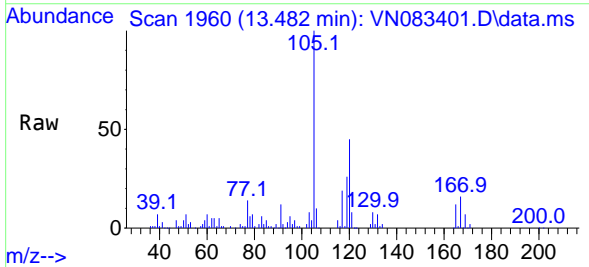
Ion	Ratio	Lower	Upper
119	100		
91	70.3	35.0	105.1
134	25.6	13.3	39.8

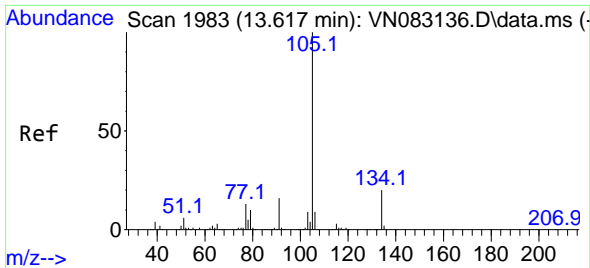


#84  
 1,2,4-Trimethylbenzene  
 Concen: 15.071 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Tgt Ion:105 Resp: 144903

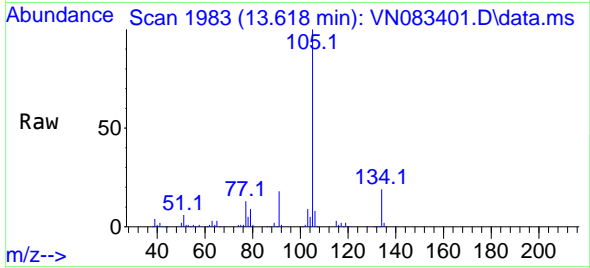
Ion	Ratio	Lower	Upper
105	100		
120	42.8	21.9	65.8



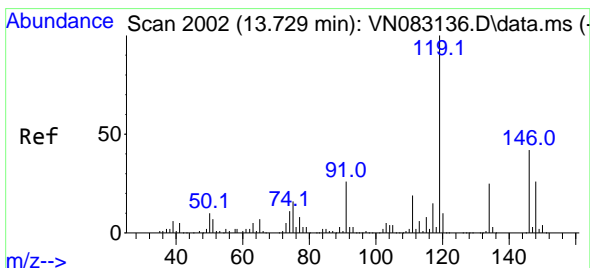
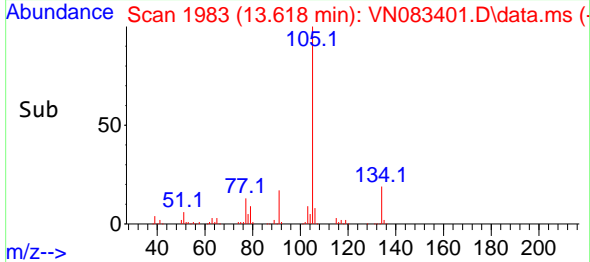
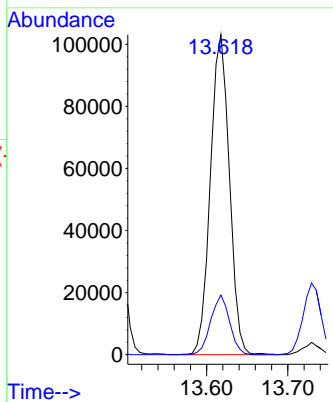


#85  
 sec-Butylbenzene  
 Concen: 14.534 ug/l  
 RT: 13.618 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

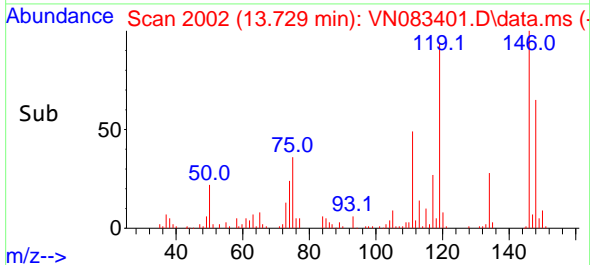
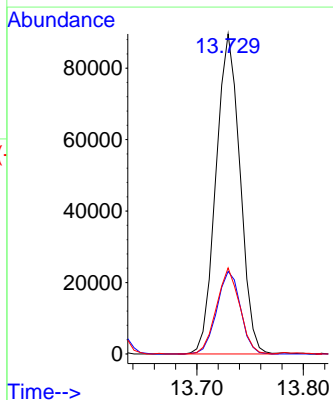
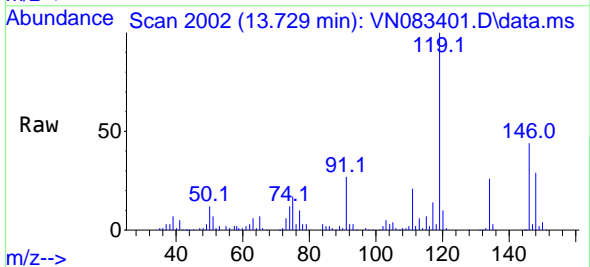


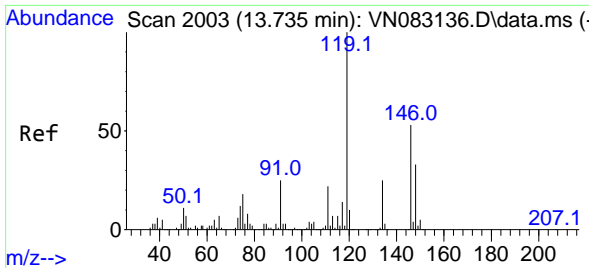
Tgt Ion:105 Resp: 167557  
 Ion Ratio Lower Upper  
 105 100  
 134 18.5 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 14.744 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

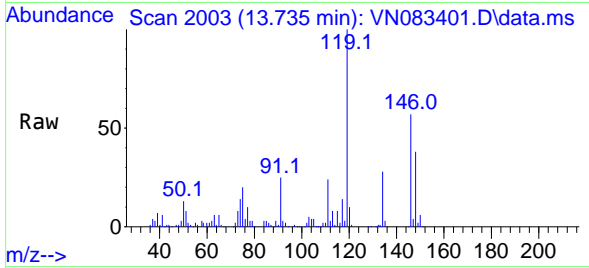
Tgt Ion:119 Resp: 140349  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 13.0 39.0  
 91 25.9 12.3 36.9



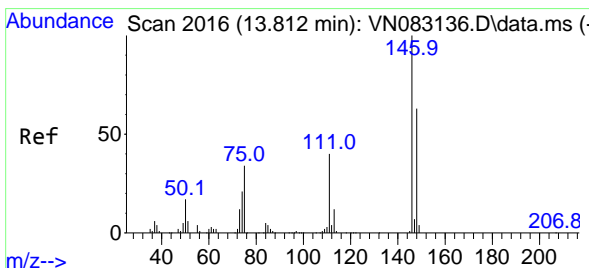
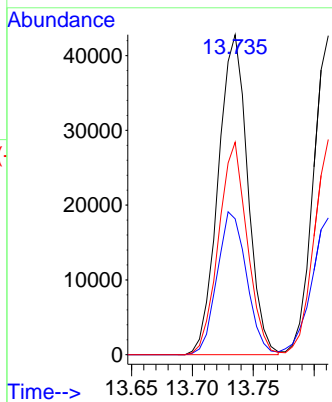
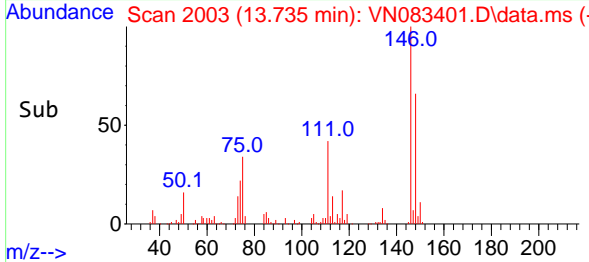


#87  
 1,3-Dichlorobenzene  
 Concen: 15.130 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

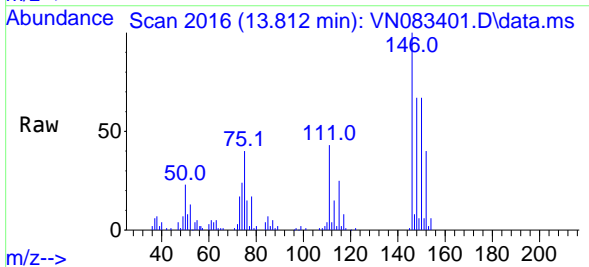
Instrument : MSVOA\_N  
 ClientSampleId :



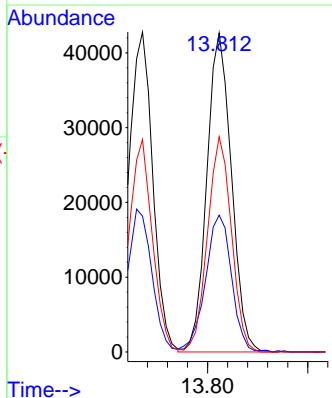
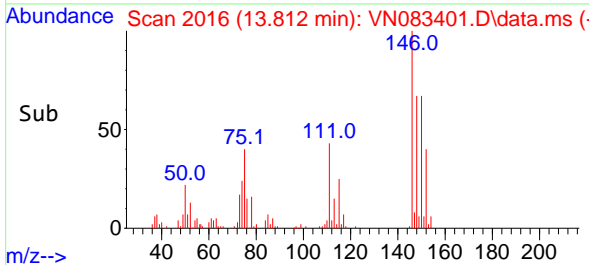
Tgt Ion:146 Resp: 72069  
 Ion Ratio Lower Upper  
 146 100  
 111 44.7 20.6 61.9  
 148 64.6 31.8 95.3



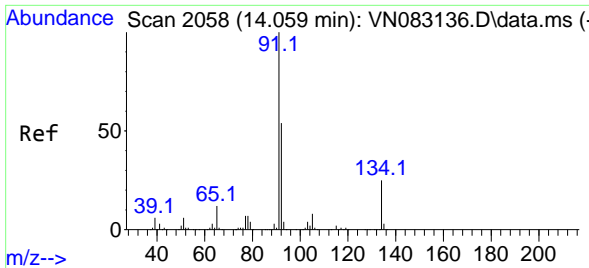
#88  
 1,4-Dichlorobenzene  
 Concen: 15.130 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



Tgt Ion:146 Resp: 72655  
 Ion Ratio Lower Upper  
 146 100  
 111 45.7 20.1 60.3  
 148 65.6 32.2 96.6

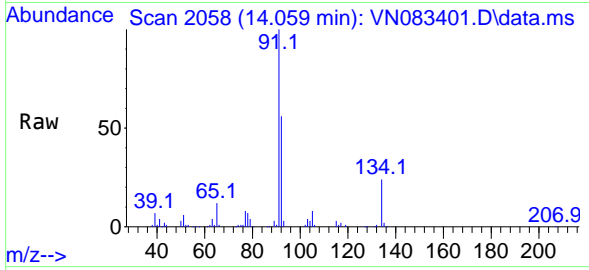




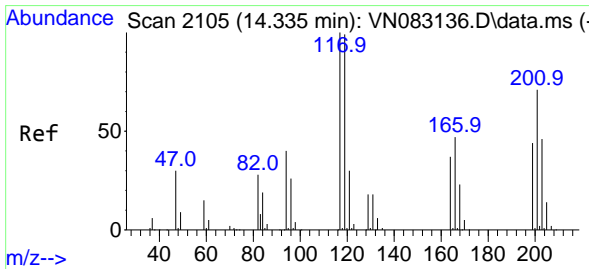
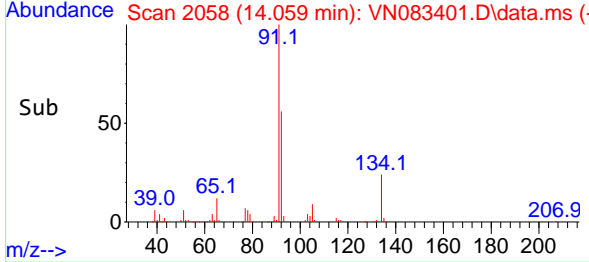
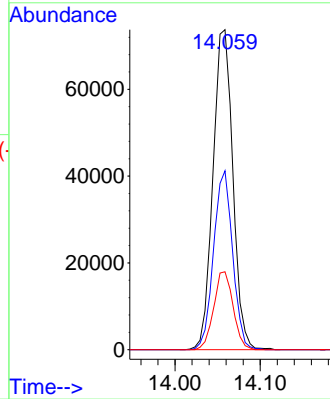


#89  
 n-Butylbenzene  
 Concen: 14.482 ug/l  
 RT: 14.059 min Scan# 2058  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument : MSVOA\_N  
 ClientSampleId :

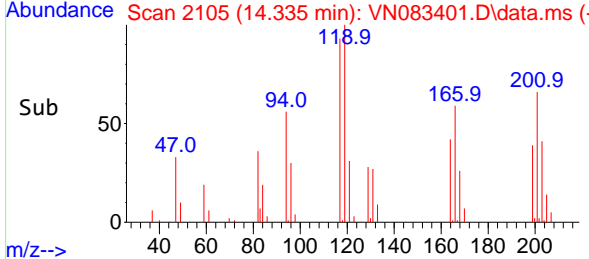
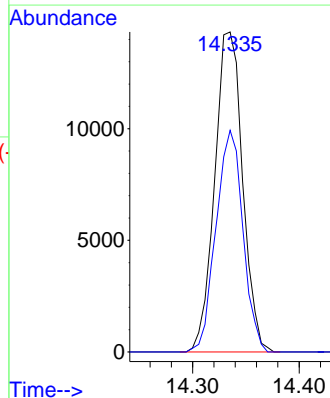
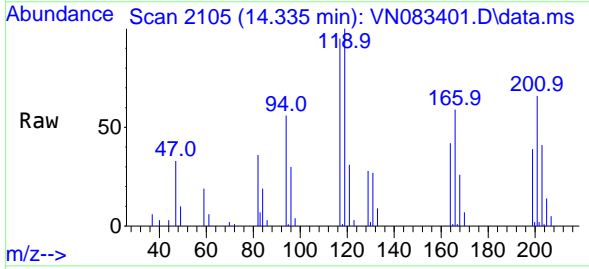


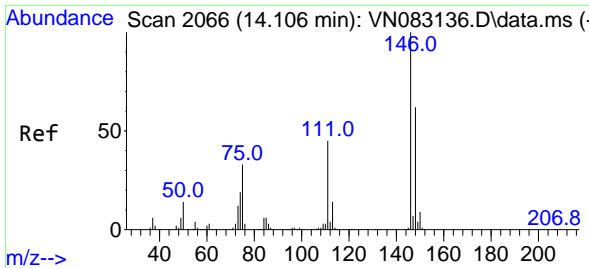
Tgt Ion: 91 Resp: 119443  
 Ion Ratio Lower Upper  
 91 100  
 92 53.6 26.1 78.3  
 134 23.8 12.1 36.3



#90  
 Hexachloroethane  
 Concen: 14.182 ug/l  
 RT: 14.335 min Scan# 2105  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

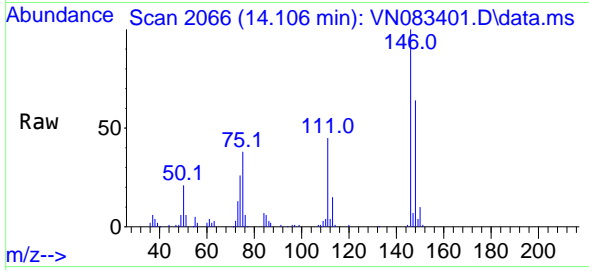
Tgt Ion: 117 Resp: 26080  
 Ion Ratio Lower Upper  
 117 100  
 201 66.8 35.8 107.3



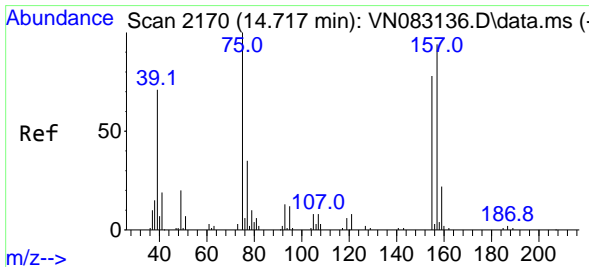
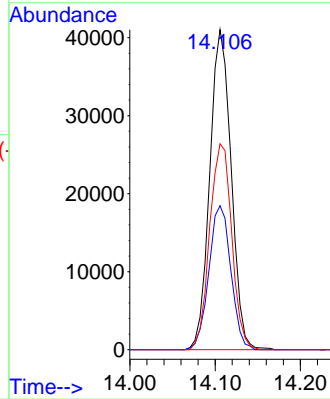
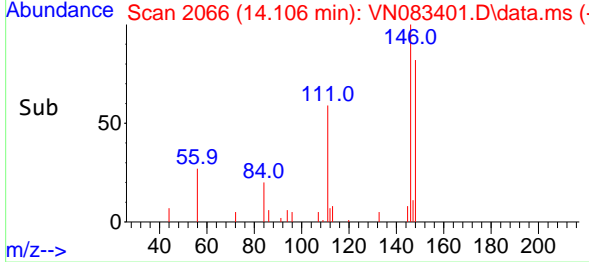


#91  
 1,2-Dichlorobenzene  
 Concen: 15.515 ug/l  
 RT: 14.106 min Scan# 2066  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

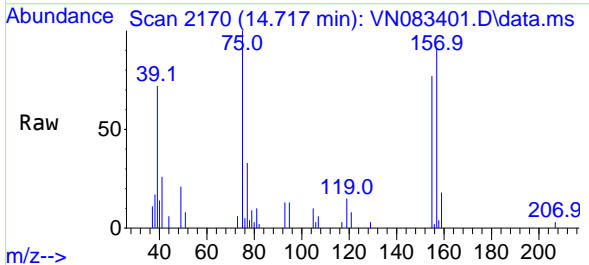
Instrument :  
 MSVOA\_N  
 ClientSampleId :



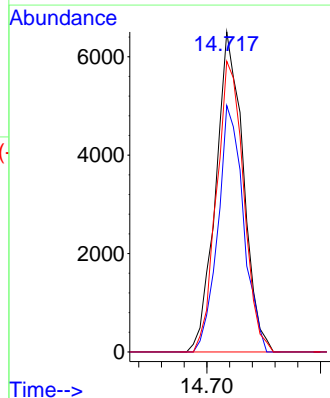
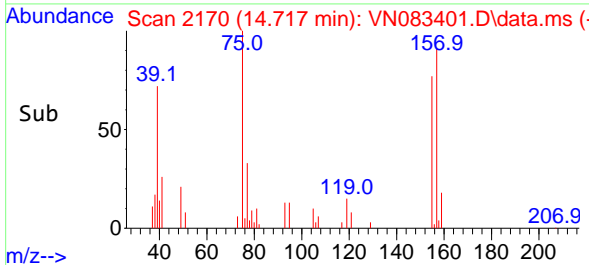
Tgt Ion:146 Resp: 71512  
 Ion Ratio Lower Upper  
 146 100  
 111 46.2 21.4 64.2  
 148 66.4 32.1 96.5

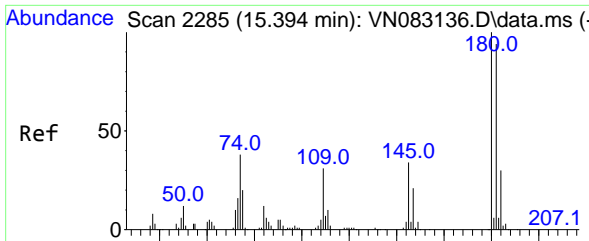


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 13.997 ug/l  
 RT: 14.717 min Scan# 2170  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



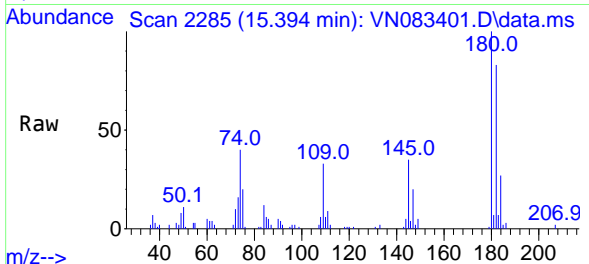
Tgt Ion: 75 Resp: 10947  
 Ion Ratio Lower Upper  
 75 100  
 155 71.5 36.6 109.8  
 157 89.2 46.9 140.6



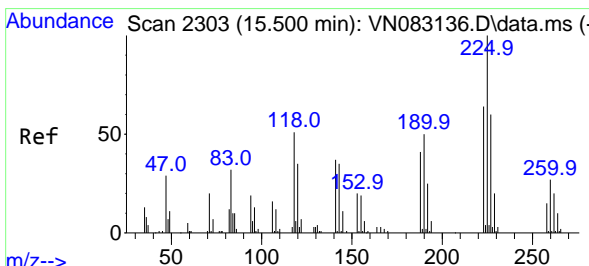
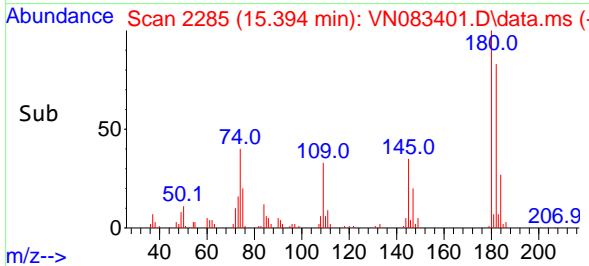
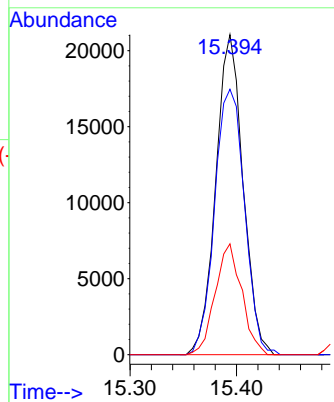


#93  
 1,2,4-Trichlorobenzene  
 Concen: 14.483 ug/l  
 RT: 15.394 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

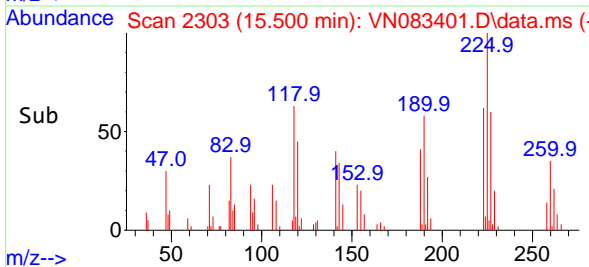
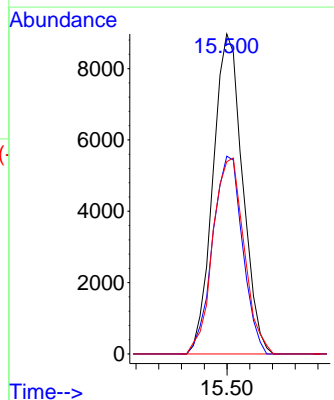
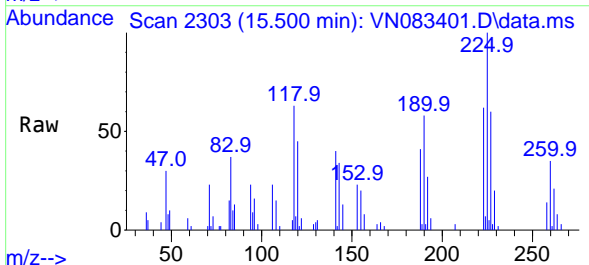


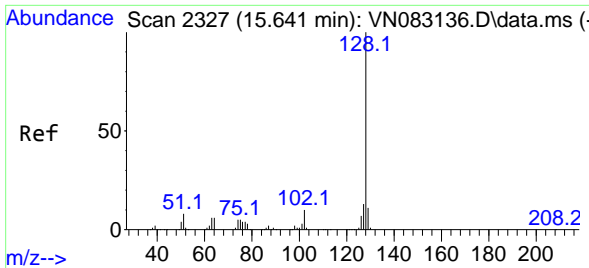
Tgt Ion:180 Resp: 37399  
 Ion Ratio Lower Upper  
 180 100  
 182 90.9 47.3 141.8  
 145 33.8 15.7 47.1



#94  
 Hexachlorobutadiene  
 Concen: 14.069 ug/l  
 RT: 15.500 min Scan# 2303  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

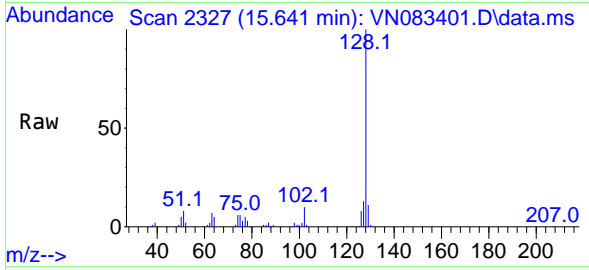
Tgt Ion:225 Resp: 16157  
 Ion Ratio Lower Upper  
 225 100  
 223 62.8 31.9 95.7  
 227 64.8 32.5 97.5



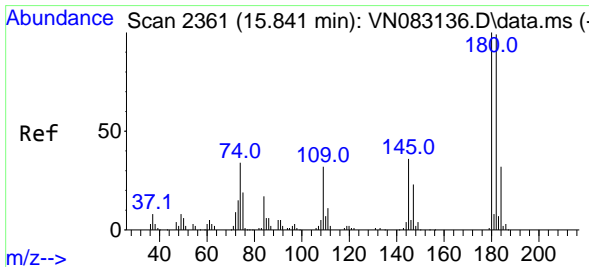
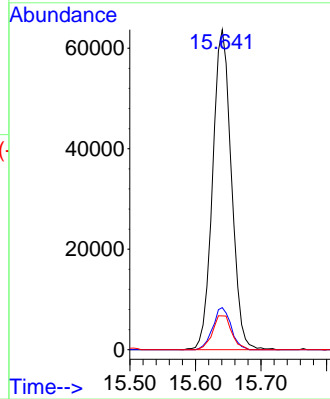
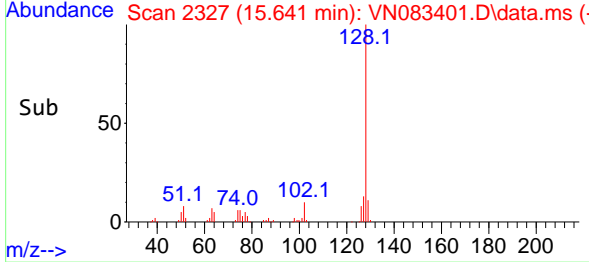


#95  
 Naphthalene  
 Concen: 13.793 ug/l  
 RT: 15.641 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39

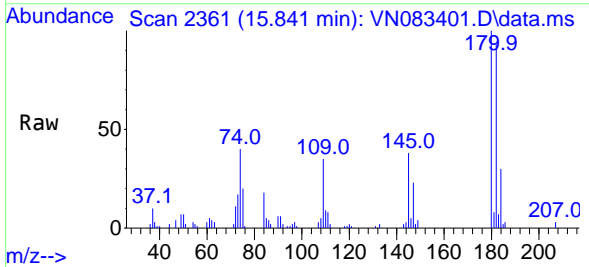
Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion:128 Resp: 126161  
 Ion Ratio Lower Upper  
 128 100  
 127 12.8 10.6 16.0  
 129 10.8 8.6 12.8



#96  
 1,2,3-Trichlorobenzene  
 Concen: 14.259 ug/l  
 RT: 15.841 min Scan# 2361  
 Delta R.T. 0.000 min  
 Lab File: VN083401.D  
 Acq: 20 Aug 2024 15:39



Tgt Ion:180 Resp: 36433  
 Ion Ratio Lower Upper  
 180 100  
 182 96.1 48.9 146.8  
 145 36.3 16.8 50.4

