

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121224\
 Data File : VN085184.D
 Acq On : 12 Dec 2024 12:08
 Operator : JC\MD
 Sample : VN1212WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2024
 Supervised By : Mahesh Dadoda 12/13/2024

Quant Time: Dec 13 04:22:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	140672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	228441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	202888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	96839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	101151	50.480	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.960%			
35) Dibromofluoromethane	8.165	113	81652	53.003	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.000%			
50) Toluene-d8	10.564	98	279621	50.648	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.300%			
62) 4-Bromofluorobenzene	12.847	95	106088	51.383	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	22620	14.221	ug/l	97
3) Chloromethane	2.359	50	24177	13.105	ug/l	99
4) Vinyl Chloride	2.512	62	26630	16.062	ug/l	90
5) Bromomethane	2.959	94	19486	20.969	ug/l	94
6) Chloroethane	3.118	64	19073	17.067	ug/l	99
7) Trichlorofluoromethane	3.500	101	50424	17.879	ug/l	97
8) Diethyl Ether	3.959	74	18283	19.046	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	28998	18.128	ug/l	100
10) Methyl Iodide	4.588	142	35660	16.842	ug/l #	95
11) Tert butyl alcohol	5.524	59	29120	108.751	ug/l #	85
12) 1,1-Dichloroethene	4.335	96	25613	17.154	ug/l	97
13) Acrolein	4.183	56	15293	85.592	ug/l	98
14) Allyl chloride	5.024	41	39184	15.568	ug/l	92
15) Acrylonitrile	5.718	53	79927	105.432	ug/l	99
16) Acetone	4.430	43	67264	115.262	ug/l	97
17) Carbon Disulfide	4.712	76	64384	14.609	ug/l #	94
18) Methyl Acetate	5.018	43	39301	20.391	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	97278	19.941	ug/l	97
20) Methylene Chloride	5.271	84	32133	18.044	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	27833	17.714	ug/l	95
22) Diisopropyl ether	6.665	45	97421	19.231	ug/l	98
23) Vinyl Acetate	6.606	43	349242	99.930	ug/l	100
24) 1,1-Dichloroethane	6.565	63	55611	18.344	ug/l	95
25) 2-Butanone	7.482	43	104601	109.633	ug/l	99
26) 2,2-Dichloropropane	7.488	77	51089	18.048	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	34126	18.016	ug/l	100
28) Bromochloromethane	7.812	49	20306	17.744	ug/l	93
29) Tetrahydrofuran	7.841	42	65617	110.593	ug/l	98
30) Chloroform	7.965	83	60873	18.876	ug/l	98
31) Cyclohexane	8.253	56	43700	16.372	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	55026	18.883	ug/l	98
36) 1,1-Dichloropropene	8.365	75	37679	18.057	ug/l	97
37) Ethyl Acetate	7.559	43	42488	22.398	ug/l #	95
38) Carbon Tetrachloride	8.359	117	48634	20.192	ug/l	98
39) Methylcyclohexane	9.600	83	37745	17.408	ug/l	98
40) Benzene	8.606	78	124653	18.888	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	22602	21.519	ug/l	98
42) 1,2-Dichloroethane	8.665	62	46181	20.454	ug/l	99
43) Isopropyl Acetate	8.688	43	70093	17.789	ug/l	98
44) Trichloroethene	9.347	130	29225	19.055	ug/l	93
45) 1,2-Dichloropropane	9.617	63	31727	19.518	ug/l	95
46) Dibromomethane	9.706	93	23012	20.374	ug/l	96
47) Bromodichloromethane	9.882	83	49903	20.846	ug/l	98
48) Methyl methacrylate	9.676	41	31139	21.237	ug/l	99
49) 1,4-Dioxane	9.688	88	13656	537.043	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	217277	120.725	ug/l	99
52) Toluene	10.629	92	79429	20.330	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	47781	19.909	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	51920	20.392	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	31353	21.545	ug/l	96
56) Ethyl methacrylate	10.870	69	46874	22.043	ug/l	98
57) 1,3-Dichloropropane	11.164	76	53744	20.984	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	95064	91.136	ug/l	99
59) 2-Hexanone	11.194	43	160249	119.051	ug/l	99
60) Dibromochloromethane	11.359	129	37844	21.278	ug/l	100
61) 1,2-Dibromoethane	11.464	107	31658	21.020	ug/l	100
64) Tetrachloroethene	11.100	164	28188	20.619	ug/l	95
65) Chlorobenzene	11.888	112	87232	18.958	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	33165	20.472	ug/l	98
67) Ethyl Benzene	11.959	91	143171	19.179	ug/l	99
68) m/p-Xylenes	12.070	106	111386	39.192	ug/l	98
69) o-Xylene	12.400	106	52350	19.364	ug/l	98
70) Styrene	12.411	104	91946	20.451	ug/l	99
71) Bromoform	12.576	173	27349	22.743	ug/l #	96
73) Isopropylbenzene	12.694	105	134052	19.622	ug/l	99
74) N-amyl acetate	12.494	43	59293	21.062	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	46257	19.829	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	38999m	22.141	ug/l	
77) Bromobenzene	12.976	156	35352	19.229	ug/l	98
78) n-propylbenzene	13.035	91	159259	20.211	ug/l	99
79) 2-Chlorotoluene	13.123	91	104508	19.868	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	118078	20.598	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	16006	20.060	ug/l	97
82) 4-Chlorotoluene	13.217	91	103580	18.916	ug/l	99
83) tert-Butylbenzene	13.435	119	98414	19.952	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	118462	20.075	ug/l	99
85) sec-Butylbenzene	13.611	105	132773	19.927	ug/l	98
86) p-Isopropyltoluene	13.729	119	109876	19.976	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	65255	17.995	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	65069	17.584	ug/l	99
89) n-Butylbenzene	14.053	91	89736	17.543	ug/l	100
90) Hexachloroethane	14.335	117	22352	18.643	ug/l	99
91) 1,2-Dichlorobenzene	14.105	146	61710	17.759	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9263	20.534	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	30978	16.410	ug/l	99
94) Hexachlorobutadiene	15.499	225	15418	17.697	ug/l	97
95) Naphthalene	15.641	128	89482	16.643	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	31403	17.434	ug/l	97

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VN1212WBSD01

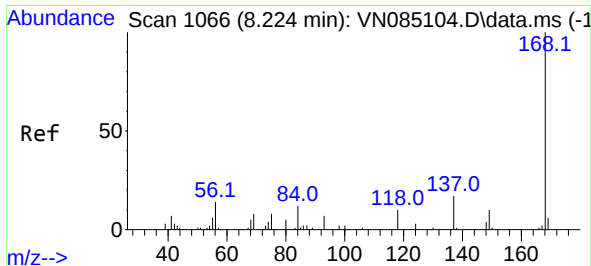
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/13/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

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



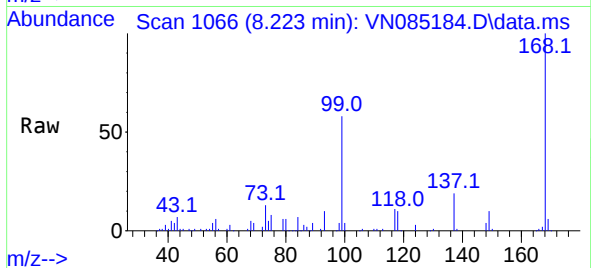
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :

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VN1212WBSD01



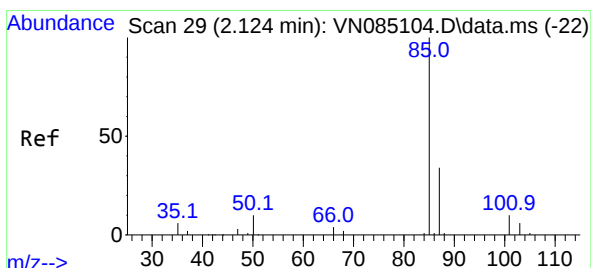
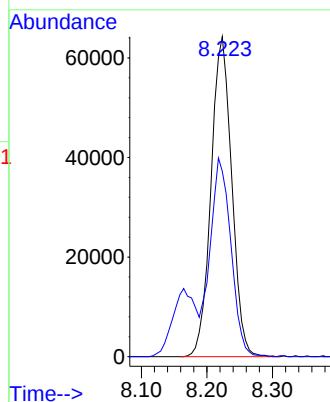
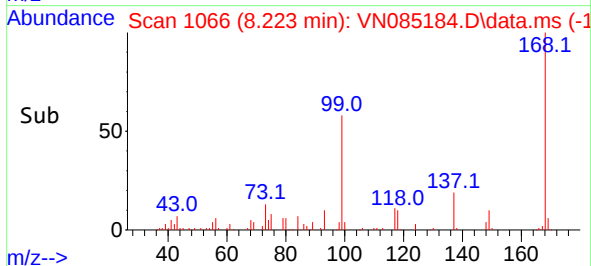
Tgt Ion:168 Resp: 140672
Ion Ratio Lower Upper
168 100
99 57.6 51.2 76.8

Manual Integrations

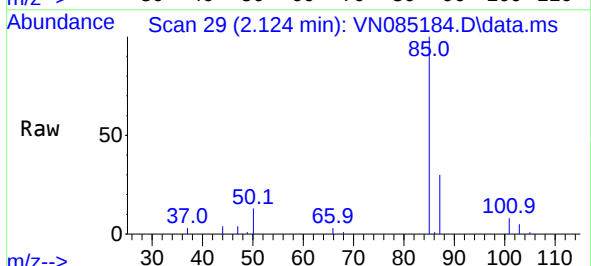
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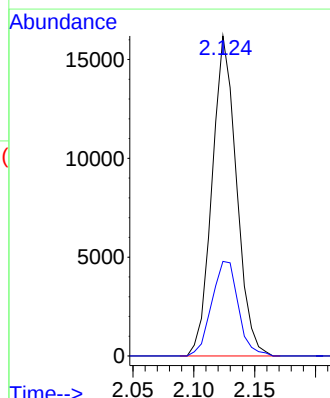
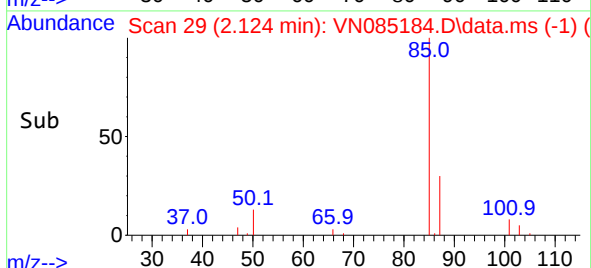
Supervised By :Mahesh Dadoda 12/13/2024

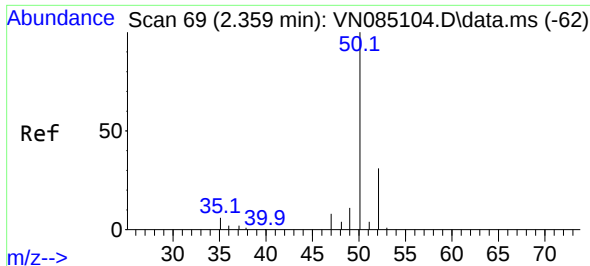


#2
Dichlorodifluoromethane
Concen: 14.221 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



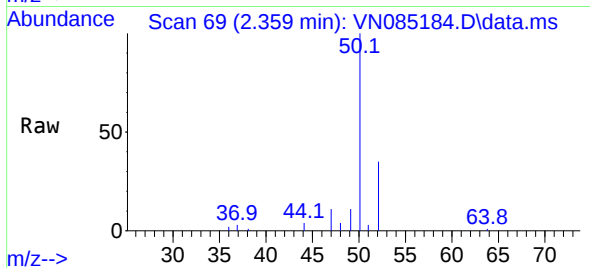
Tgt Ion: 85 Resp: 22620
Ion Ratio Lower Upper
85 100
87 29.6 15.7 47.1





#3
Chloromethane
Concen: 13.105 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

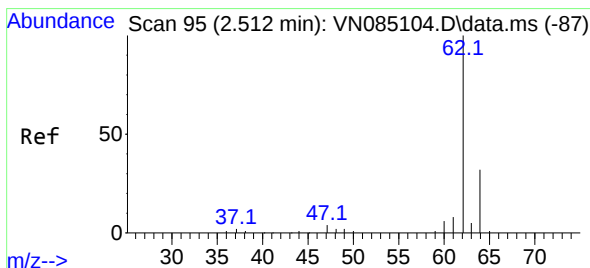
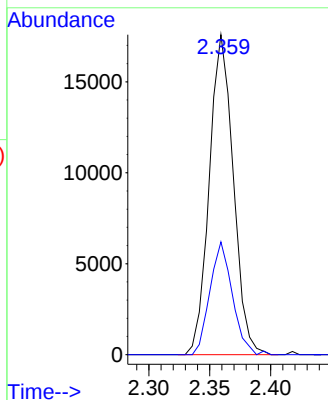
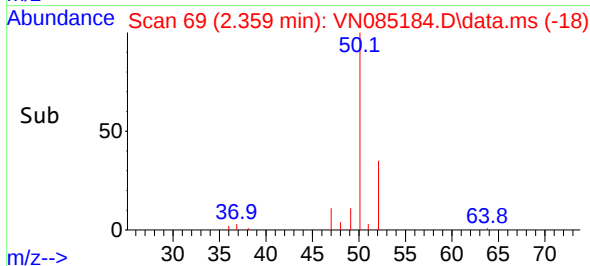
Instrument :
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ClientSampleId :
VN1212WBSD01



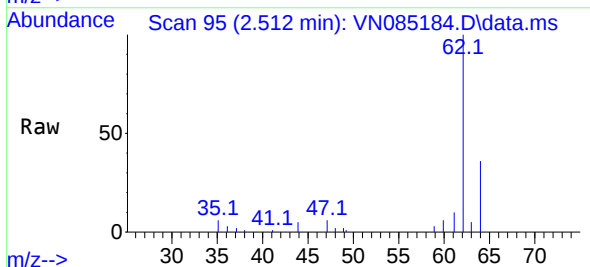
Tgt Ion: 50 Resp: 2417
Ion Ratio Lower Upper
50 100
52 35.2 27.8 41.8

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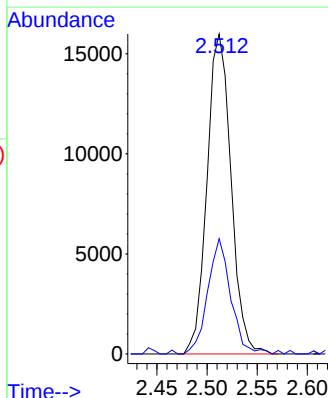
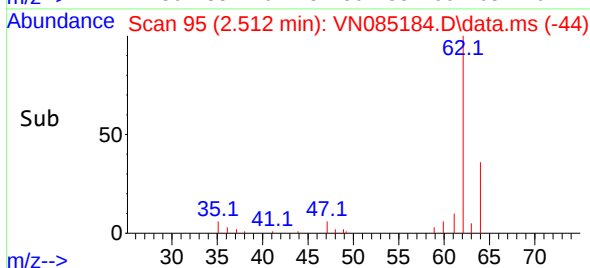
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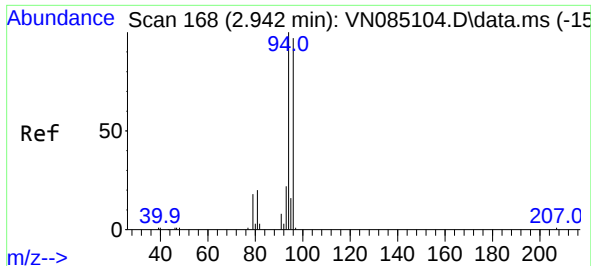


#4
Vinyl Chloride
Concen: 16.062 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



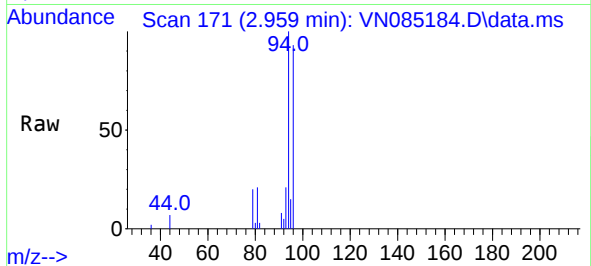
Tgt Ion: 62 Resp: 26630
Ion Ratio Lower Upper
62 100
64 36.0 24.6 36.8





#5
Bromomethane
Concen: 20.969 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.058 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

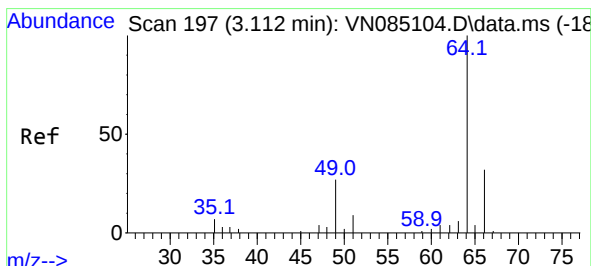
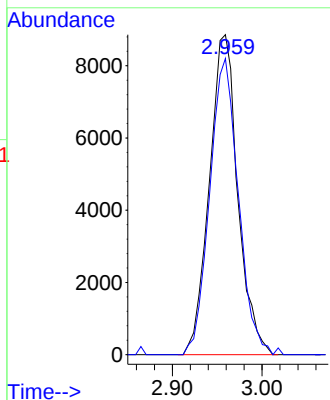
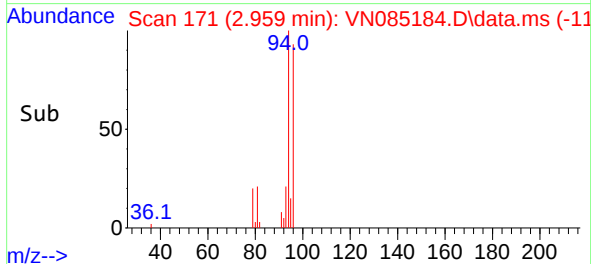
Instrument :
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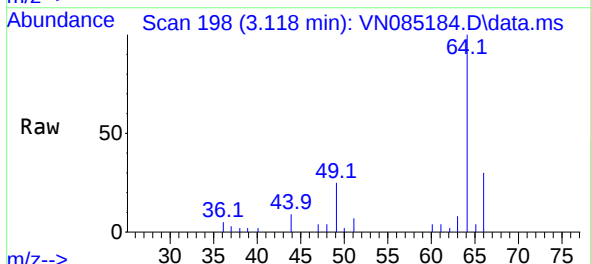
Tgt Ion: 94 Resp: 1948
Ion Ratio Lower Upper
94 100
96 92.5 78.7 118.1

Manual Integrations
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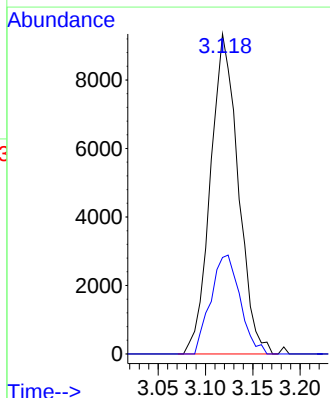
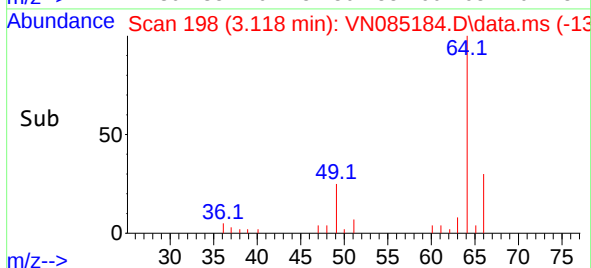
Reviewed By :John Carlone 12/13/2024
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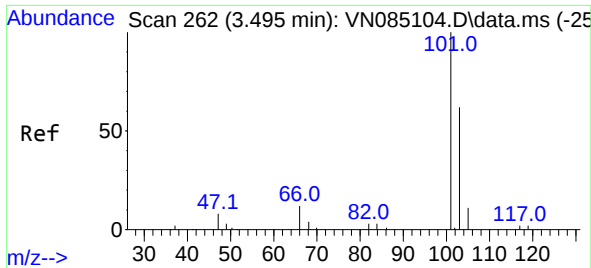


#6
Chloroethane
Concen: 17.067 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.053 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



Tgt Ion: 64 Resp: 19073
Ion Ratio Lower Upper
64 100
66 30.1 24.4 36.6





#7
Trichlorofluoromethane
Concen: 17.879 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.041 min
Lab File: VN085184.D
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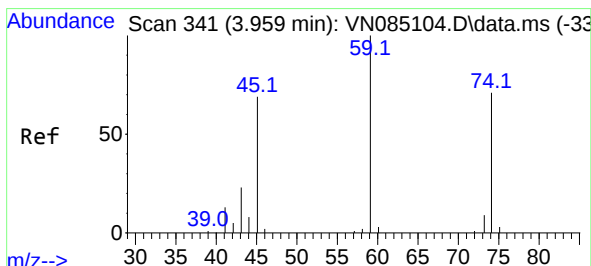
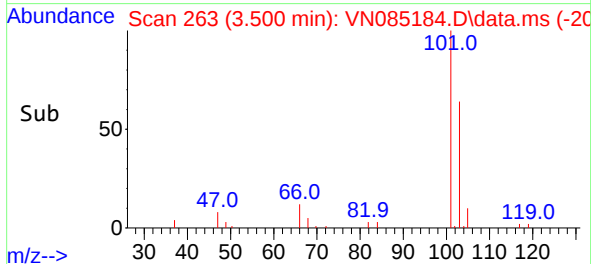
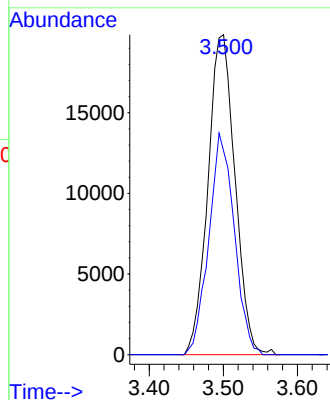
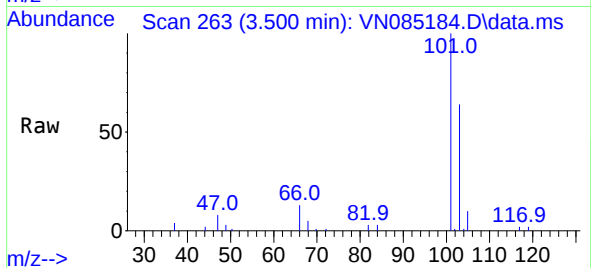
Tgt Ion:101 Resp: 50424
Ion Ratio Lower Upper
101 100
103 63.6 52.6 78.8

Manual Integrations

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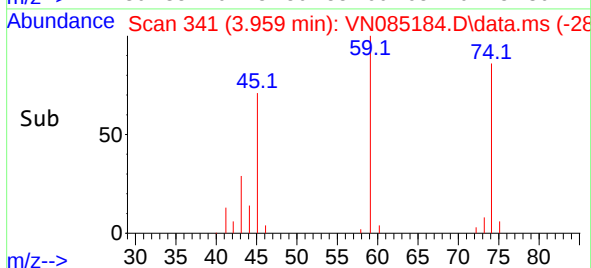
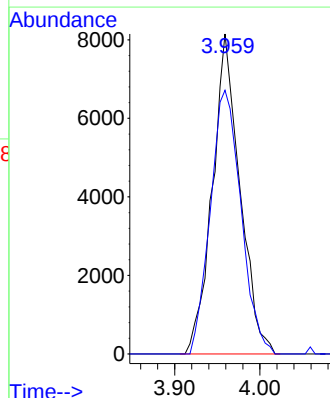
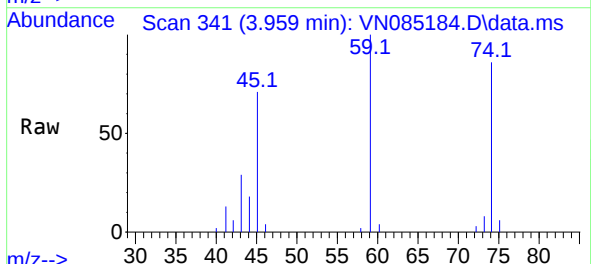
Reviewed By :John Carlone 12/13/2024

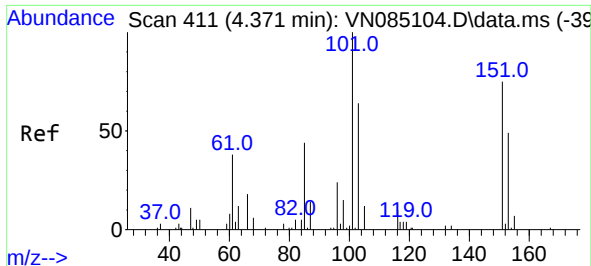
Supervised By :Mahesh Dadoda 12/13/2024



#8
Diethyl Ether
Concen: 19.046 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.011 min
Lab File: VN085184.D
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Tgt Ion: 74 Resp: 18283
Ion Ratio Lower Upper
74 100
45 91.8 46.7 140.1





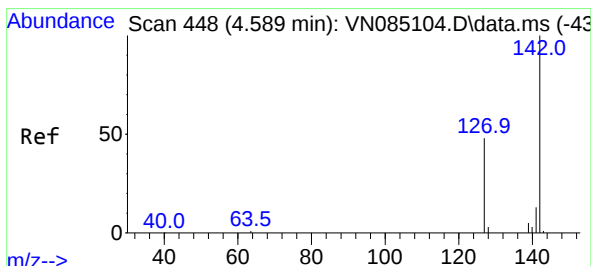
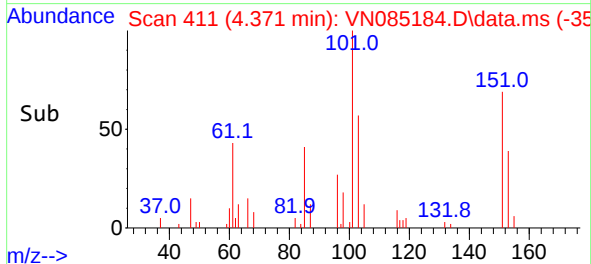
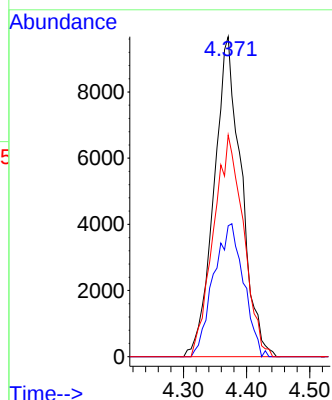
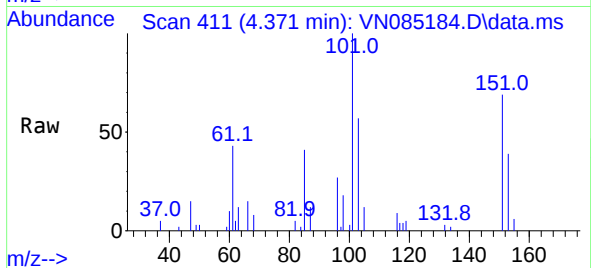
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.128 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.017 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01

Tgt Ion:101 Resp: 28998
Ion Ratio Lower Upper
101 100
85 45.8 36.9 55.3
151 76.2 60.8 91.2

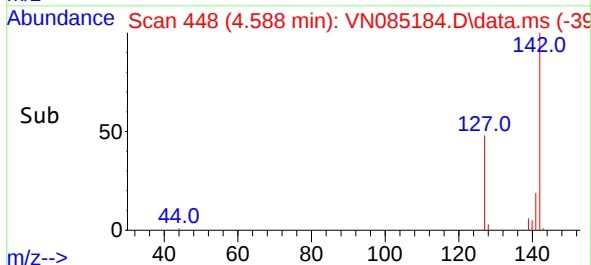
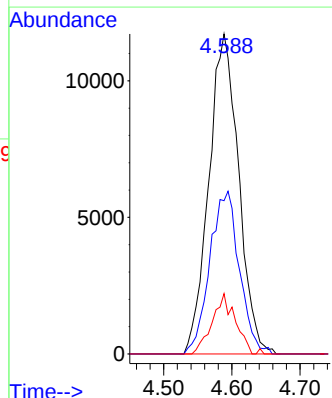
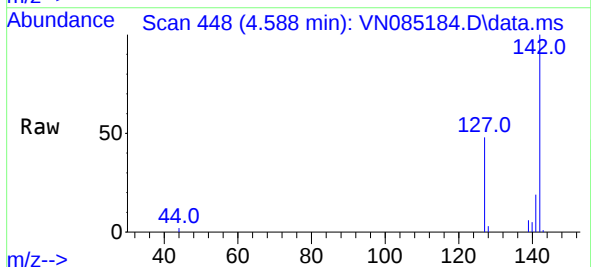
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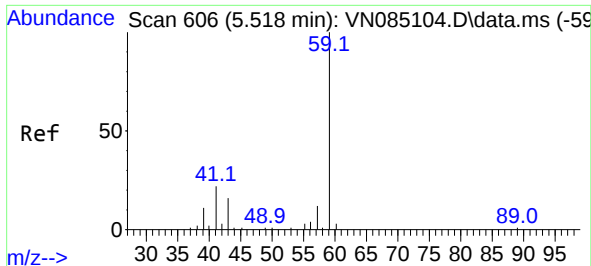
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#10
Methyl Iodide
Concen: 16.842 ug/l
RT: 4.588 min Scan# 448
Delta R.T. 0.017 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

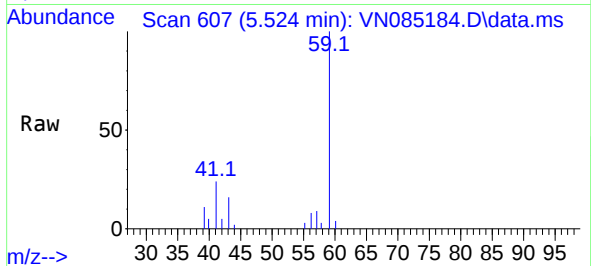
Tgt Ion:142 Resp: 35660
Ion Ratio Lower Upper
142 100
127 47.9 36.6 54.8
141 18.9 12.2 18.4#





#11
Tert butyl alcohol
Concen: 108.751 ug/l
RT: 5.524 min Scan# 606
Delta R.T. -0.018 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

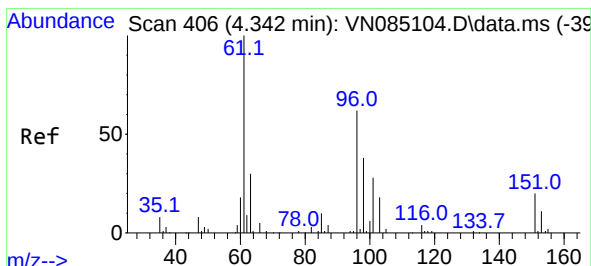
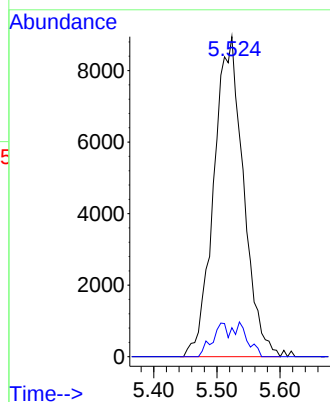
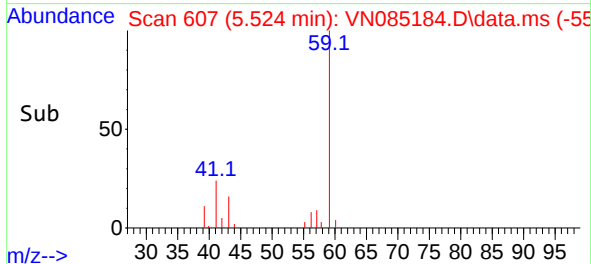
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



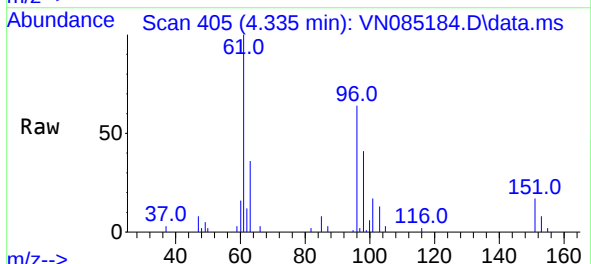
Tgt Ion: 59 Resp: 29120
Ion Ratio Lower Upper
59 100
57 3.7 7.4 11.0

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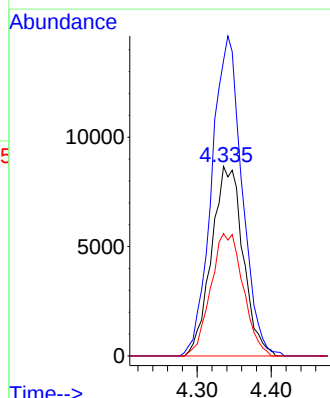
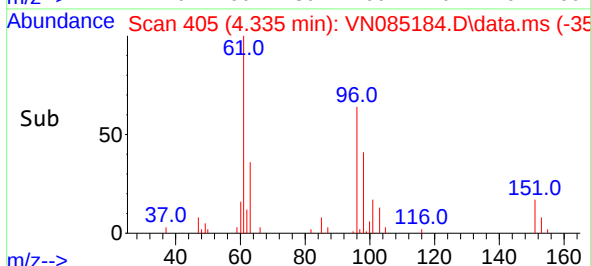
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

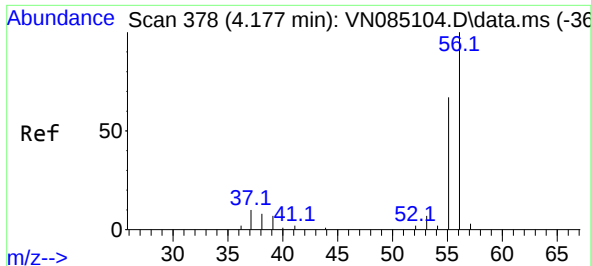


#12
1,1-Dichloroethene
Concen: 17.154 ug/l
RT: 4.335 min Scan# 405
Delta R.T. 0.017 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



Tgt Ion: 96 Resp: 25613
Ion Ratio Lower Upper
96 100
61 155.9 127.8 191.8
98 64.6 49.2 73.8





#13

Acrolein

Concen: 85.592 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.017 min

Lab File: VN085184.D

Acq: 12 Dec 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD01

Tgt Ion: 56 Resp: 1529

Ion Ratio Lower Upper

56 100

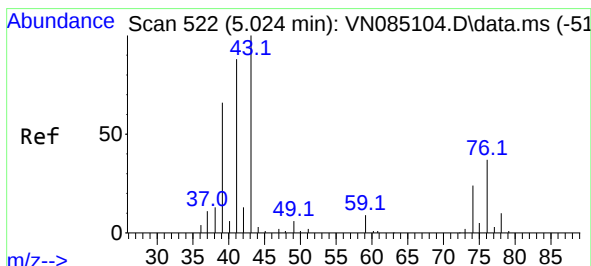
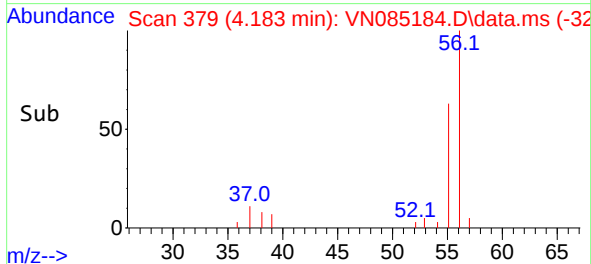
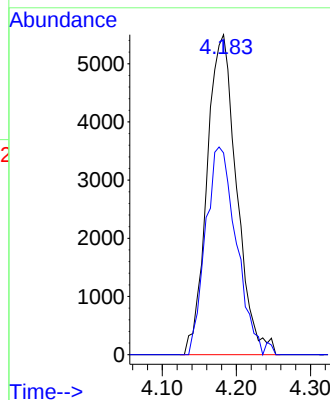
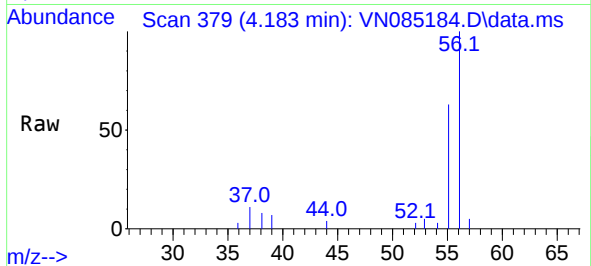
55 66.8 54.5 81.7

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Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#14

Allyl chloride

Concen: 15.568 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.017 min

Lab File: VN085184.D

Acq: 12 Dec 2024 12:08

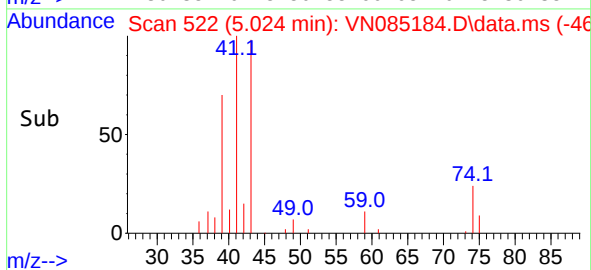
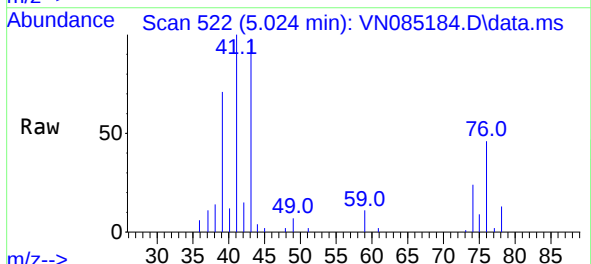
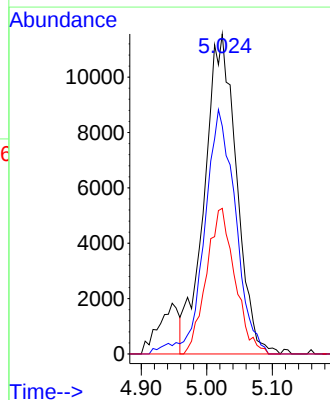
Tgt Ion: 41 Resp: 39184

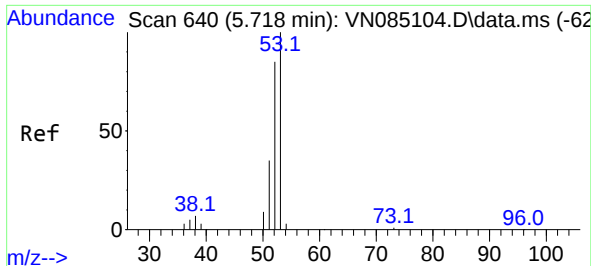
Ion Ratio Lower Upper

41 100

39 74.2 53.8 80.8

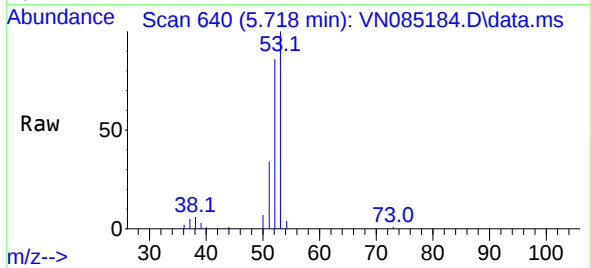
76 40.6 29.3 43.9





#15
Acrylonitrile
Concen: 105.432 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

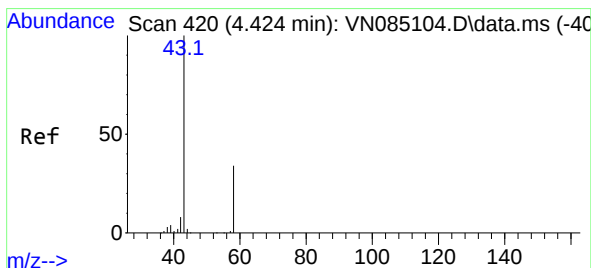
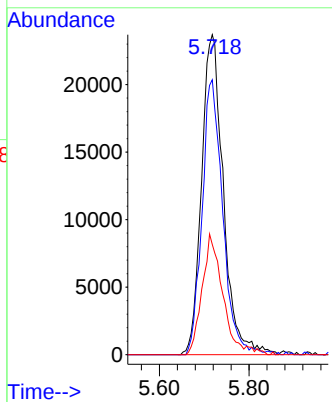
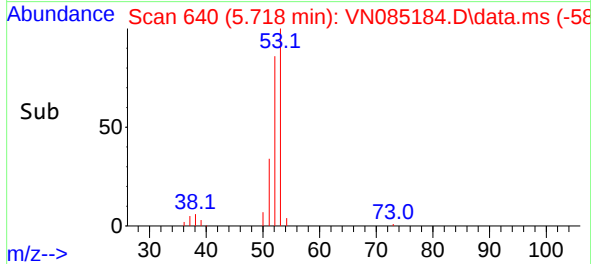
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



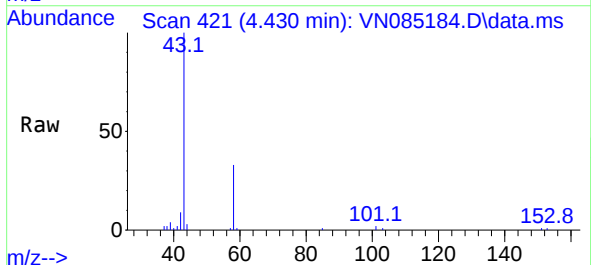
Tgt Ion: 53 Resp: 7992
Ion Ratio Lower Upper
53 100
52 81.4 65.5 98.3
51 34.6 28.4 42.6

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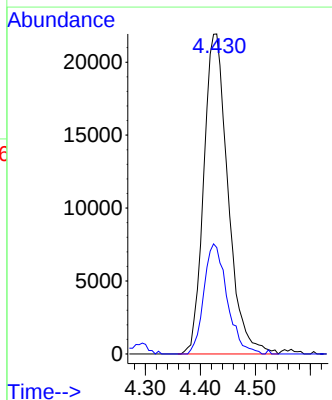
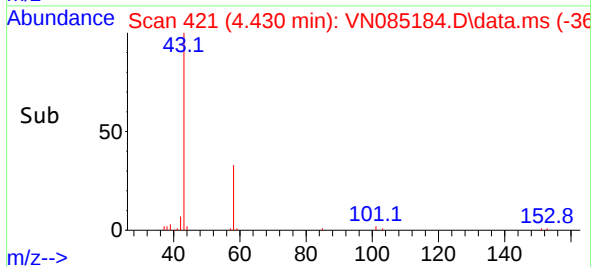
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

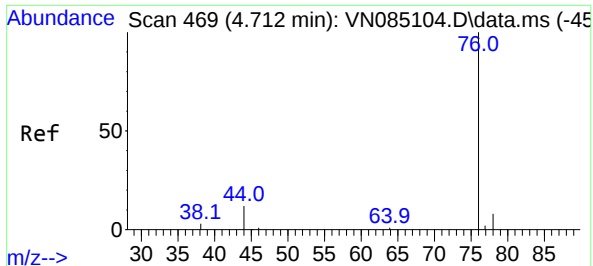


#16
Acetone
Concen: 115.262 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



Tgt Ion: 43 Resp: 67264
Ion Ratio Lower Upper
43 100
58 33.2 25.4 38.2





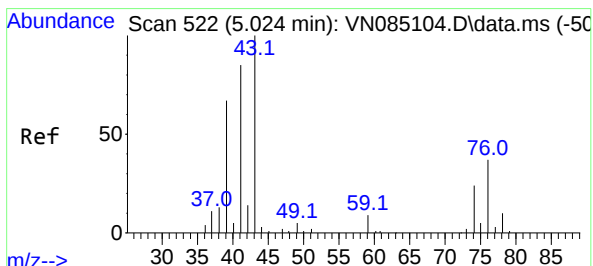
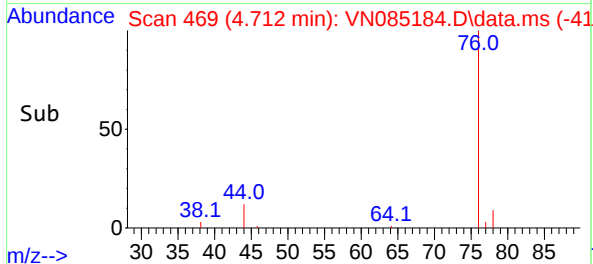
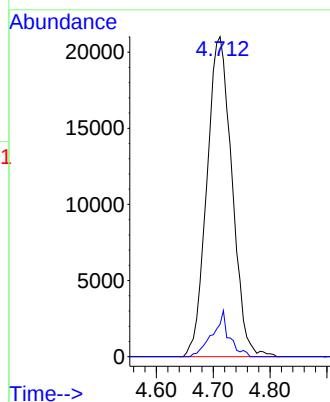
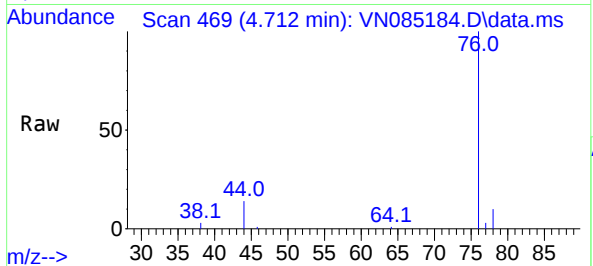
#17
Carbon Disulfide
Concen: 14.609 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.017 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01

Tgt Ion: 76 Resp: 64384
Ion Ratio Lower Upper
76 100
78 10.1 6.5 9.7

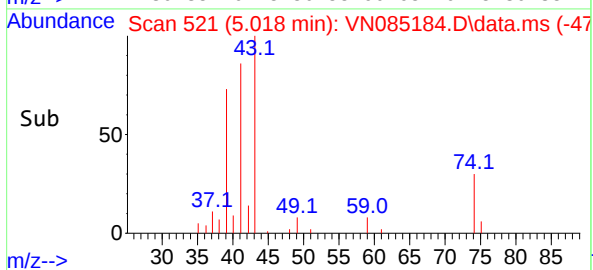
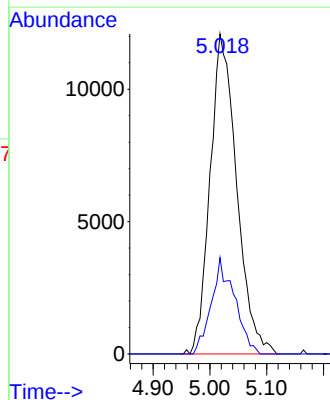
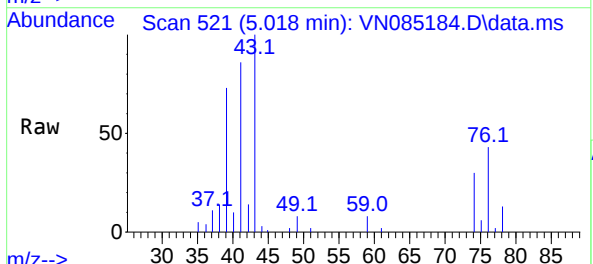
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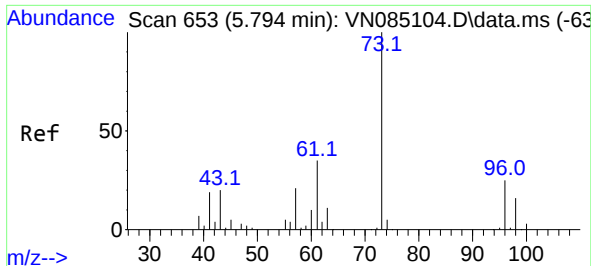
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#18
Methyl Acetate
Concen: 20.391 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Tgt Ion: 43 Resp: 39301
Ion Ratio Lower Upper
43 100
74 26.4 20.1 30.1





#19
Methyl tert-butyl Ether
Concen: 19.941 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

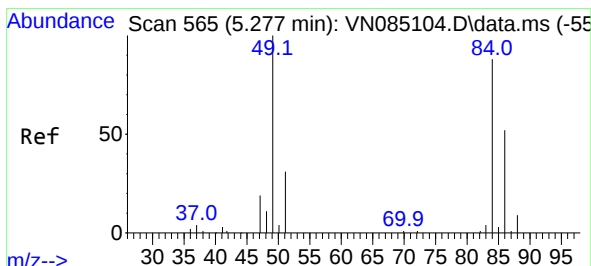
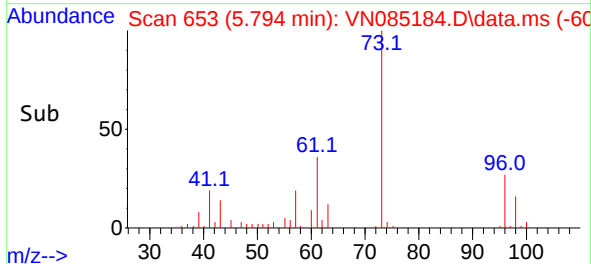
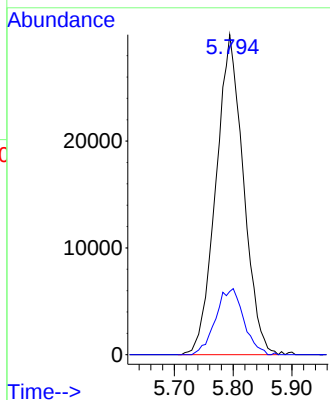
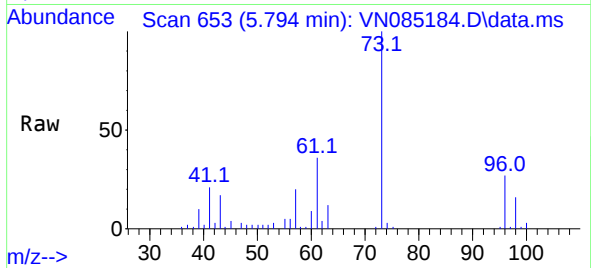
VN1212WBSD01

Tgt Ion: 73 Resp: 97278
Ion Ratio Lower Upper
73 100
57 19.8 17.0 25.4

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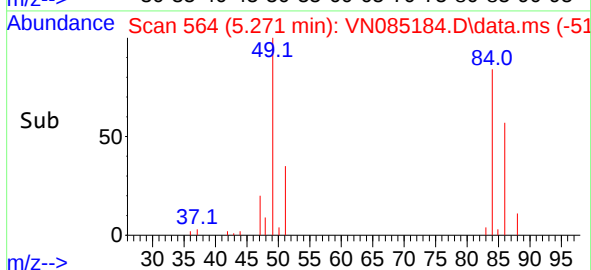
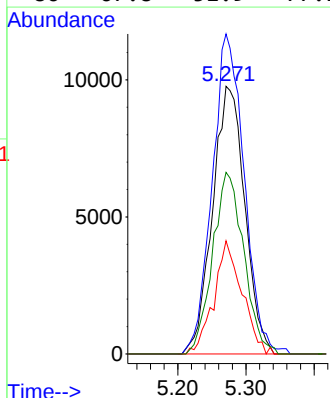
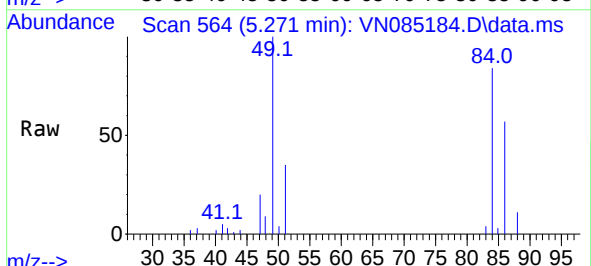
APPROVED

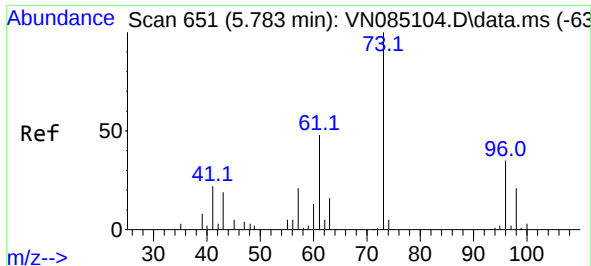
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#20
Methylene Chloride
Concen: 18.044 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

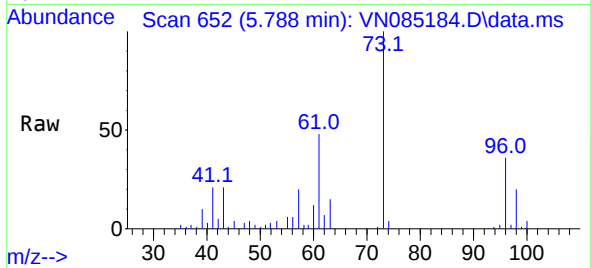
Tgt Ion: 84 Resp: 32133
Ion Ratio Lower Upper
84 100
49 119.5 92.7 139.1
51 42.2 29.4 44.2
86 67.8 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 17.714 ug/l
RT: 5.788 min Scan# 611
Delta R.T. 0.017 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

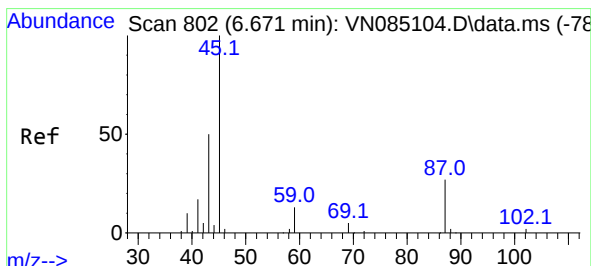
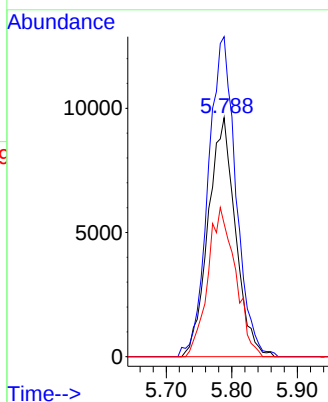
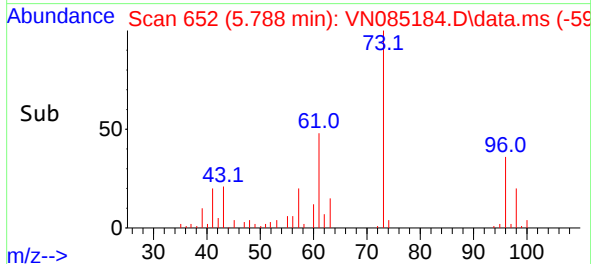
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



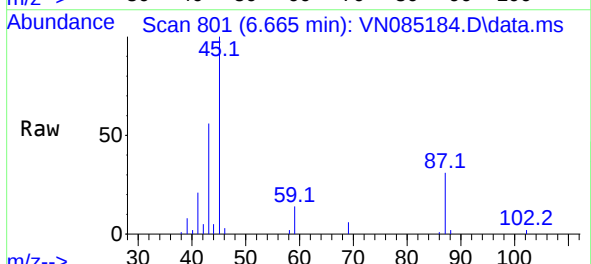
Tgt Ion: 96 Resp: 2783
Ion Ratio Lower Upper
96 100
61 133.8 100.7 151.1
98 55.6 45.8 68.6

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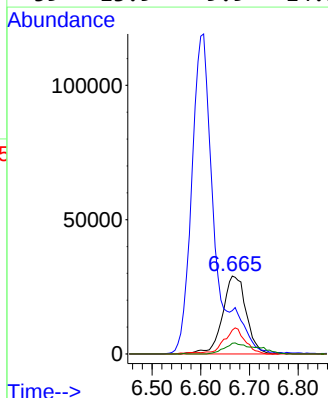
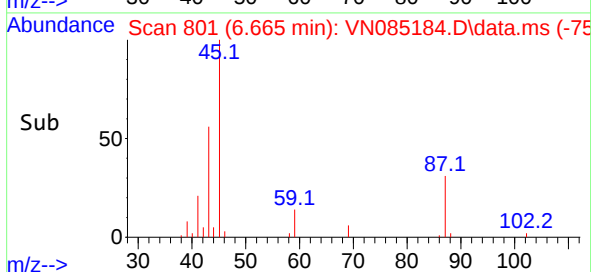
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

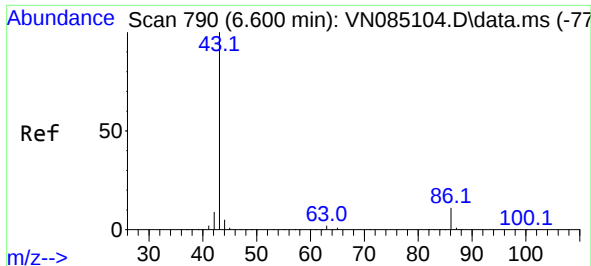


#22
Diisopropyl ether
Concen: 19.231 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



Tgt Ion: 45 Resp: 97421
Ion Ratio Lower Upper
45 100
43 53.9 42.7 64.1
87 30.7 22.6 34.0
59 13.9 9.9 14.9





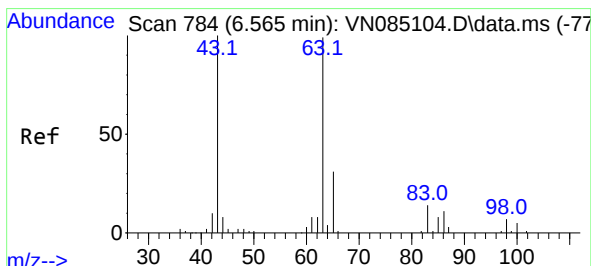
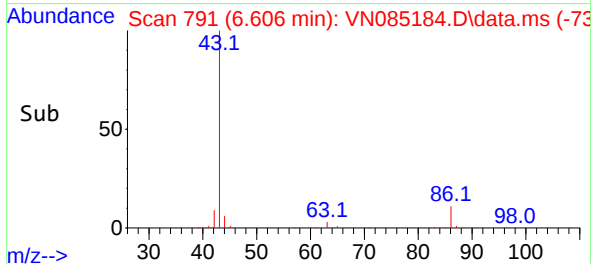
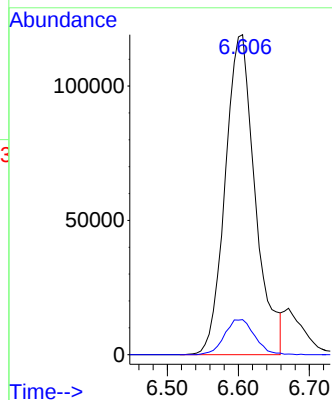
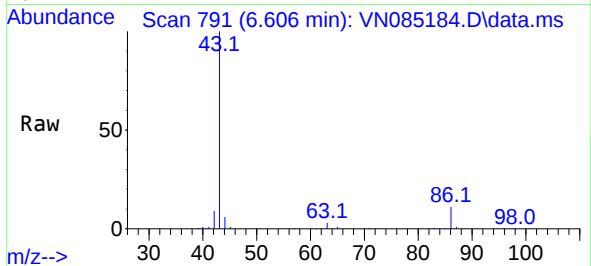
#23
 Vinyl Acetate
 Concen: 99.930 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.011 min
 Lab File: VN085184.D
 Acq: 12 Dec 2024 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBSD01

Tgt Ion: 43 Resp: 34924
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3

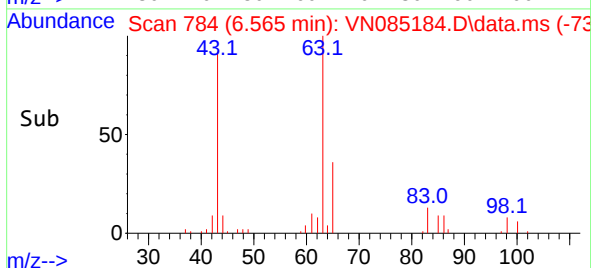
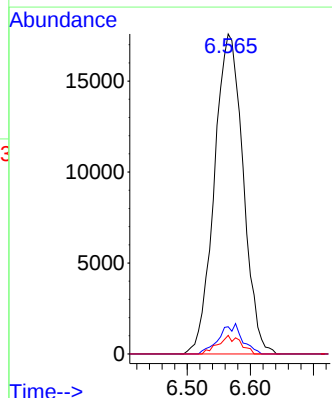
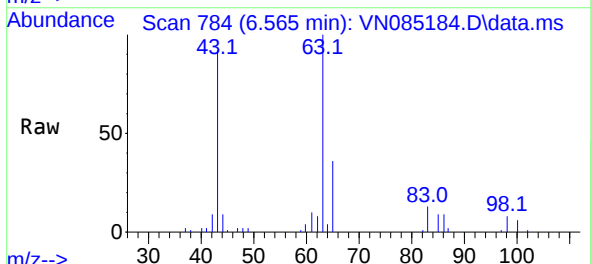
Manual Integrations
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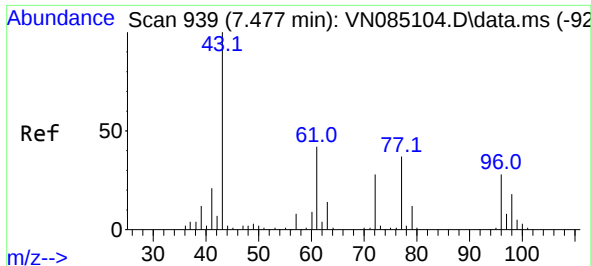
Reviewed By :John Carlone 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024



#24
 1,1-Dichloroethane
 Concen: 18.344 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.011 min
 Lab File: VN085184.D
 Acq: 12 Dec 2024 12:08

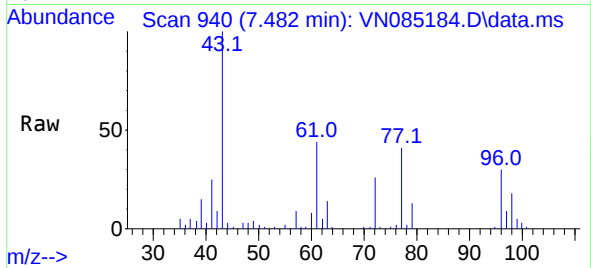
Tgt Ion: 63 Resp: 55611
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.3 9.8
 100 5.8 2.2 6.6





#25
2-Butanone
Concen: 109.633 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

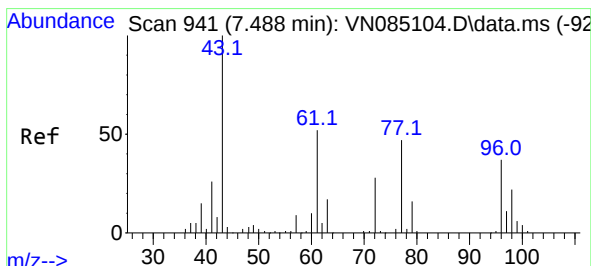
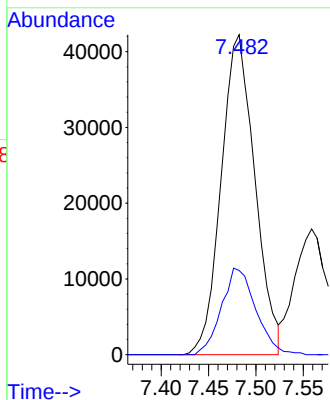
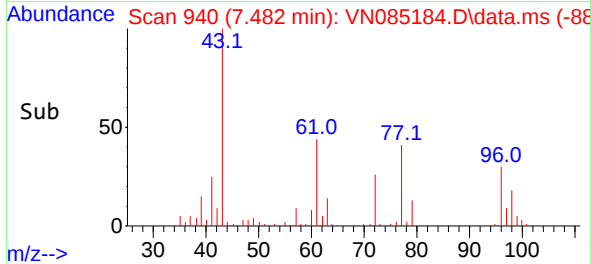
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



Tgt Ion: 43 Resp: 10460
Ion Ratio Lower Upper
43 100
72 26.3 21.4 32.0

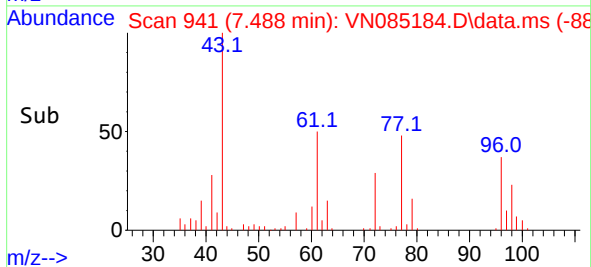
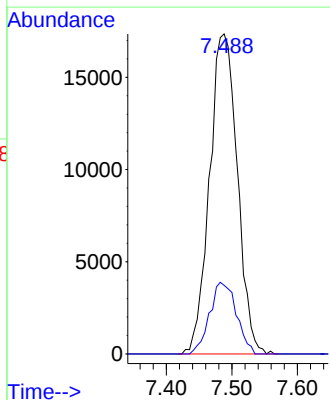
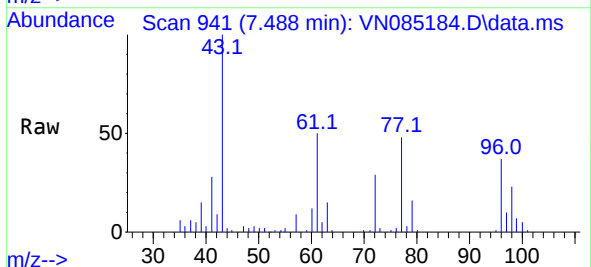
Manual Integrations
APPROVED

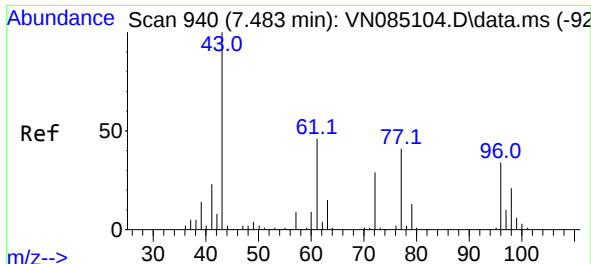
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#26
2,2-Dichloropropane
Concen: 18.048 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Tgt Ion: 77 Resp: 51089
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.7





#27
cis-1,2-Dichloroethene
Concen: 18.016 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.011 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

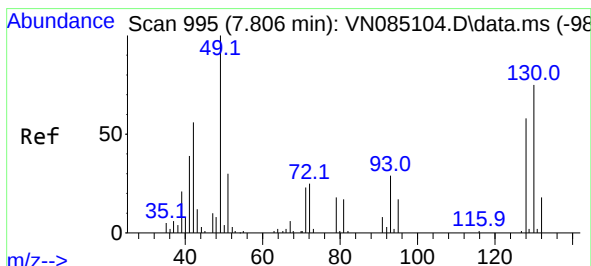
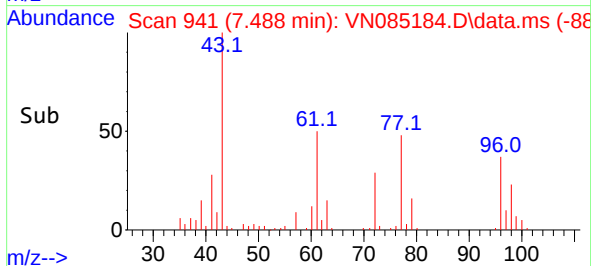
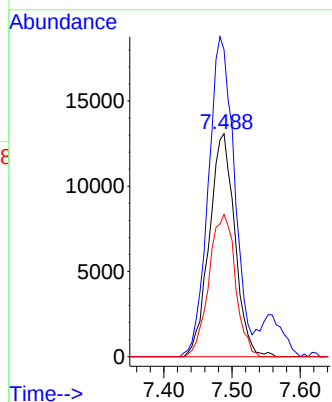
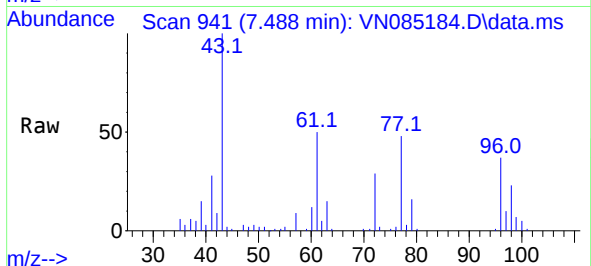
VN1212WBSD01

Tgt Ion: 96 Resp: 34120
Ion Ratio Lower Upper
96 100
61 146.0 0.0 291.6
98 65.8 0.0 129.8

Manual Integrations

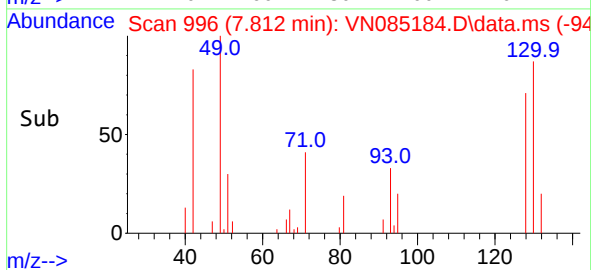
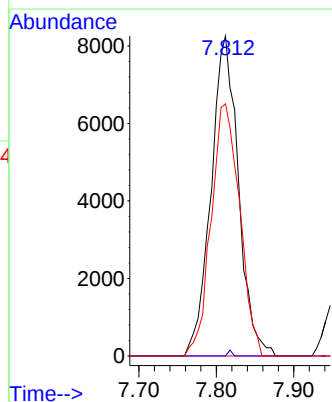
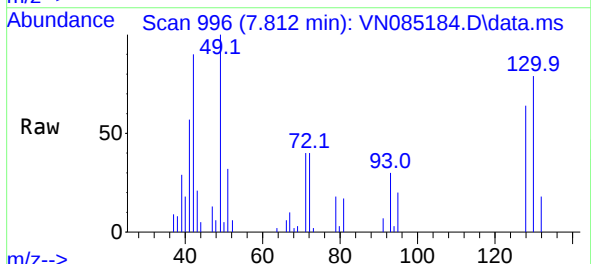
APPROVED

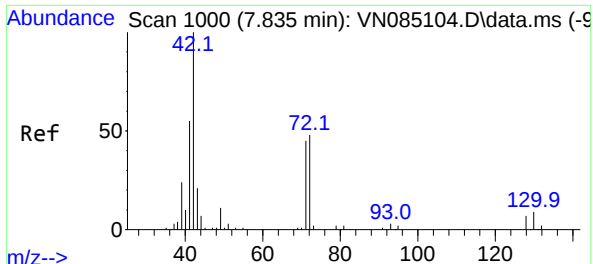
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#28
Bromochloromethane
Concen: 17.744 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

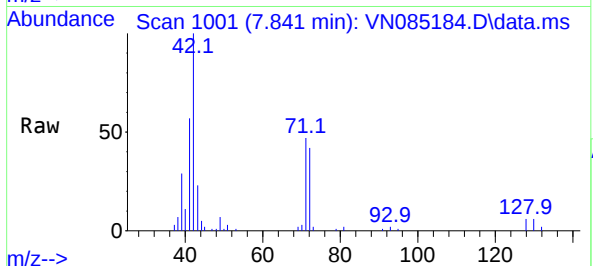
Tgt Ion: 49 Resp: 20306
Ion Ratio Lower Upper
49 100
129 0.3 0.0 4.0
130 82.0 60.6 90.8





#29
Tetrahydrofuran
Concen: 110.593 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

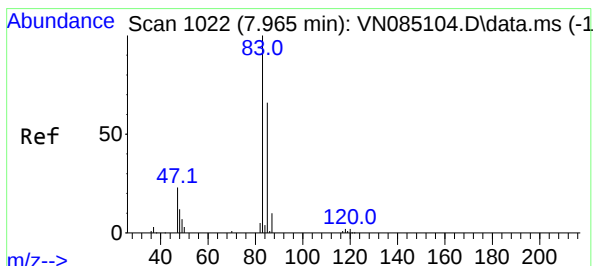
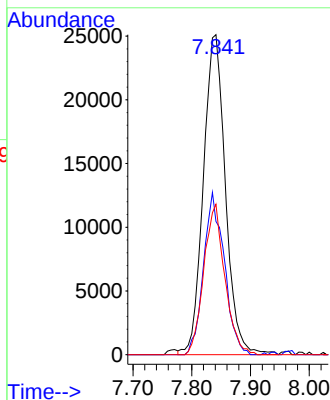
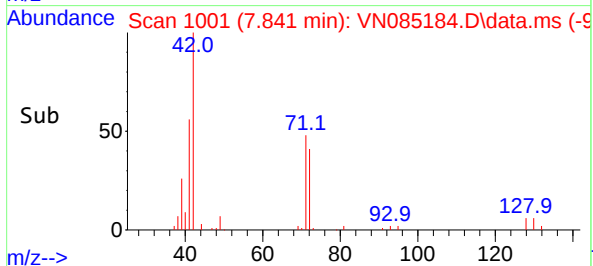
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



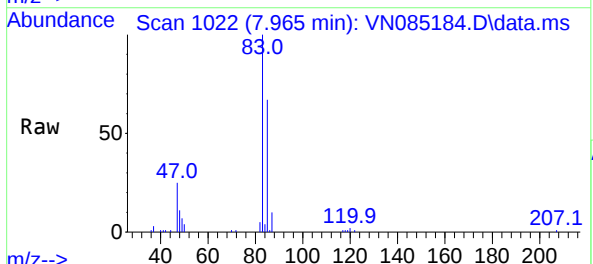
Tgt Ion: 42 Resp: 6561
Ion Ratio Lower Upper
42 100
72 47.4 37.0 55.4
71 44.9 35.0 52.4

Manual Integrations
APPROVED

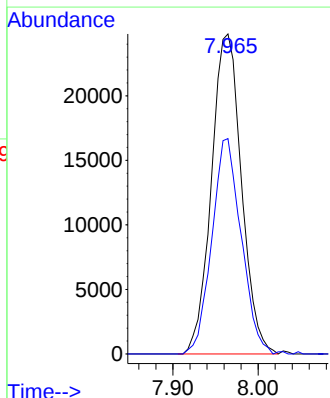
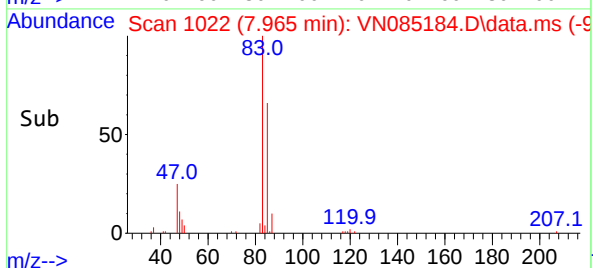
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

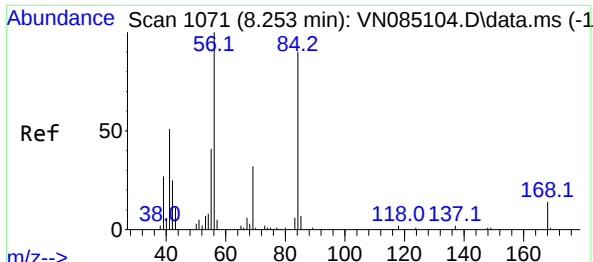


#30
Chloroform
Concen: 18.876 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



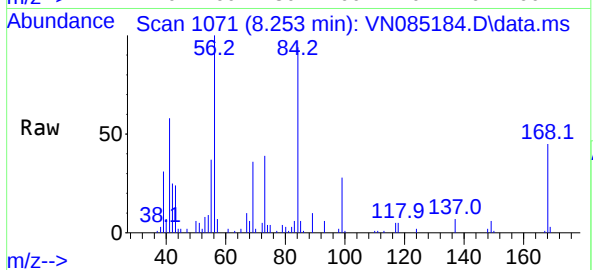
Tgt Ion: 83 Resp: 60873
Ion Ratio Lower Upper
83 100
85 67.3 52.6 78.8





#31
Cyclohexane
Concen: 16.372 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

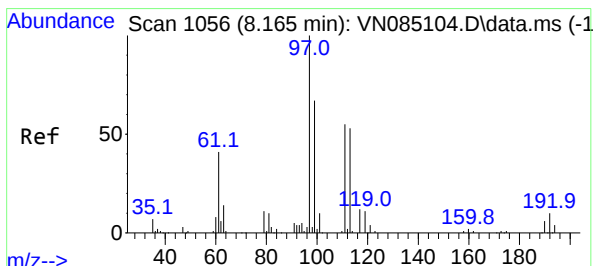
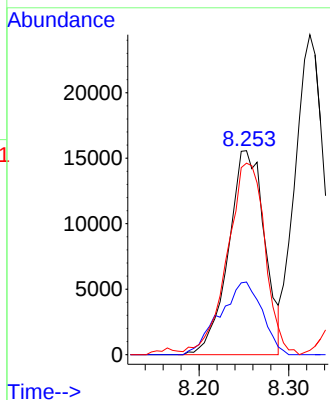
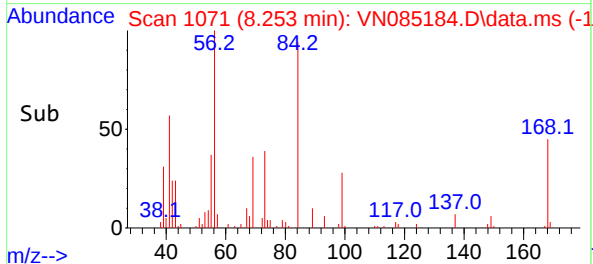
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



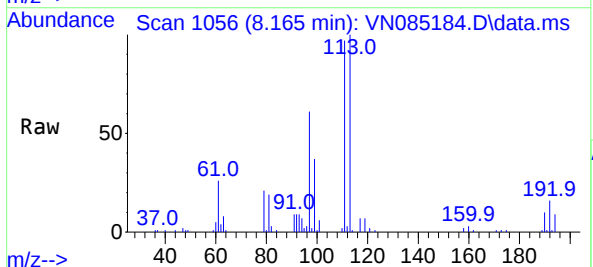
Tgt Ion: 56 Resp: 43700
Ion Ratio Lower Upper
56 100
69 35.6 24.6 36.8
84 92.2 71.4 107.2

Manual Integrations
APPROVED

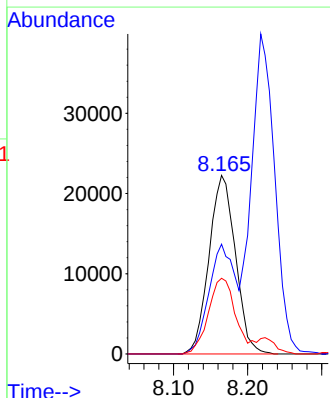
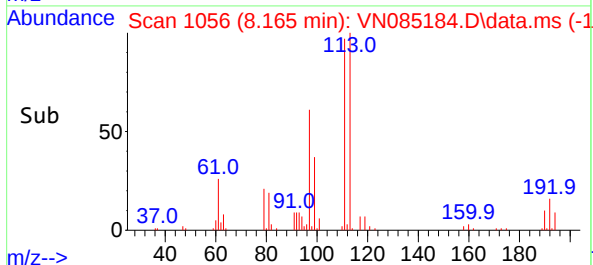
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

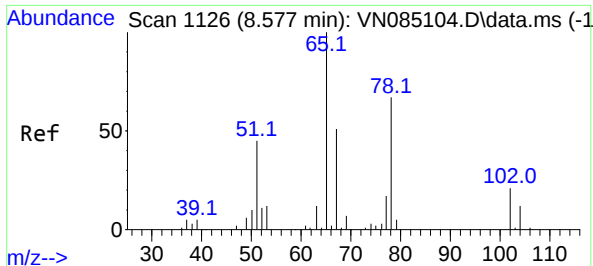


#32
1,1,1-Trichloroethane
Concen: 18.883 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



Tgt Ion: 97 Resp: 55026
Ion Ratio Lower Upper
97 100
99 60.8 51.0 76.4
61 44.7 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 50.480 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085184.D

Acq: 12 Dec 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD01

Tgt Ion: 65 Resp: 10115

Ion Ratio Lower Upper

65 100

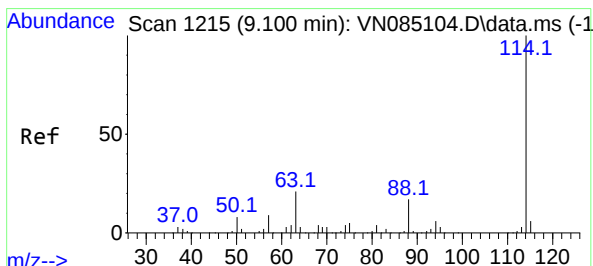
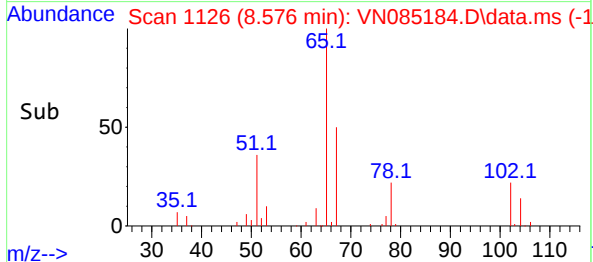
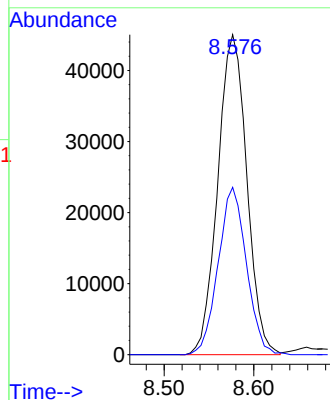
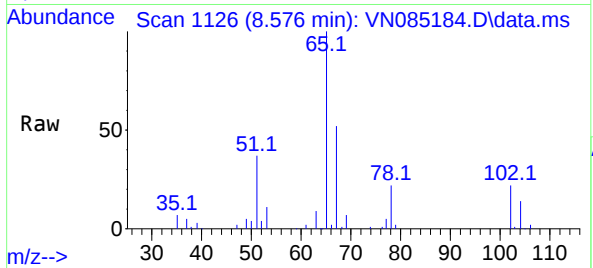
67 50.9 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085184.D

Acq: 12 Dec 2024 12:08

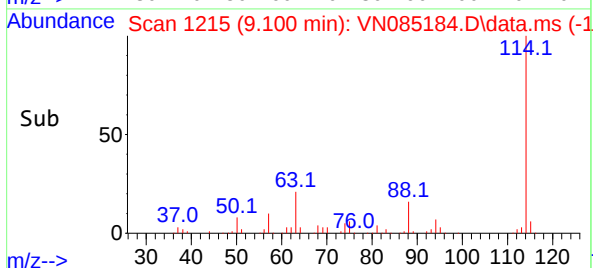
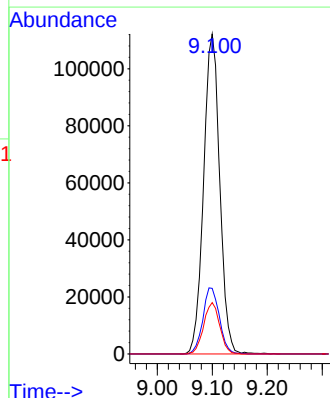
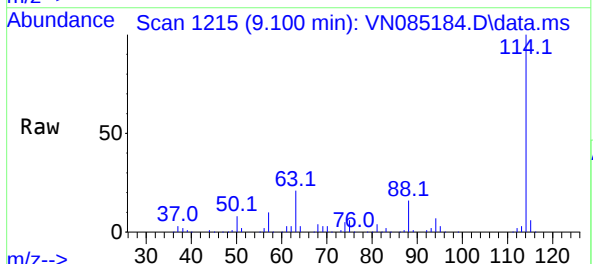
Tgt Ion:114 Resp: 228441

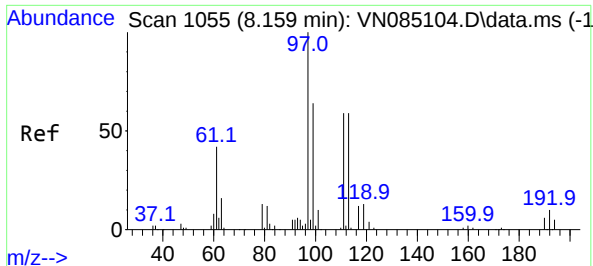
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

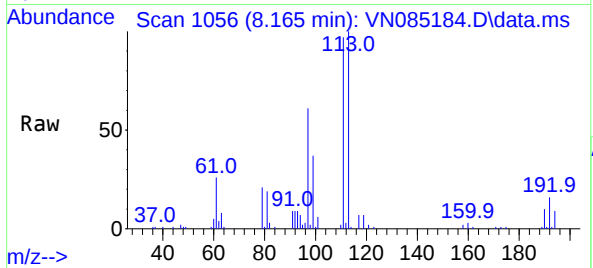
88 16.1 0.0 34.8





#35
Dibromofluoromethane
Concen: 53.003 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

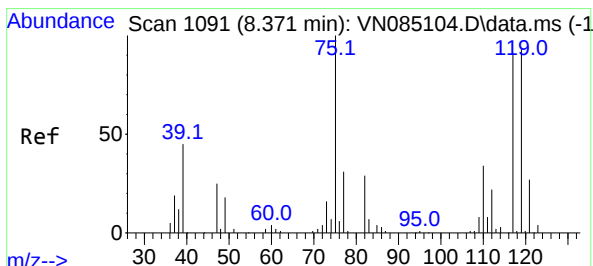
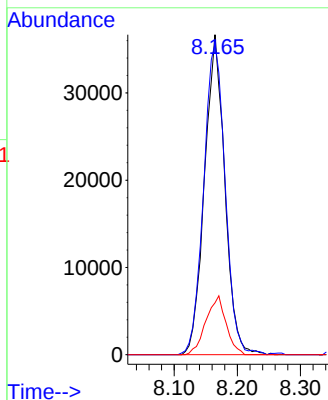
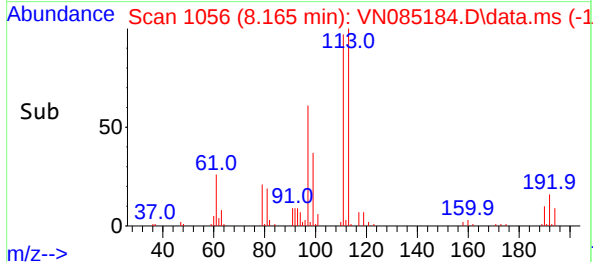
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



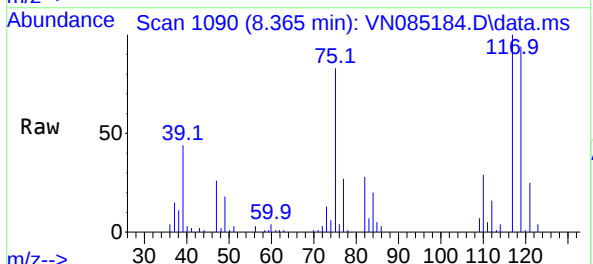
Tgt Ion: 113 Resp: 81652
Ion Ratio Lower Upper
113 100
111 103.6 82.0 123.0
192 18.3 14.8 22.2

Manual Integrations
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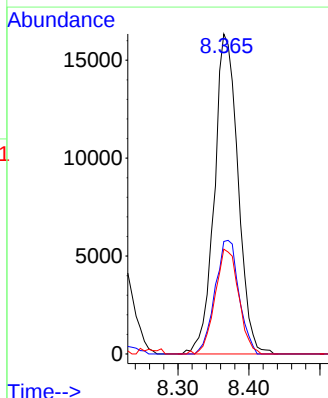
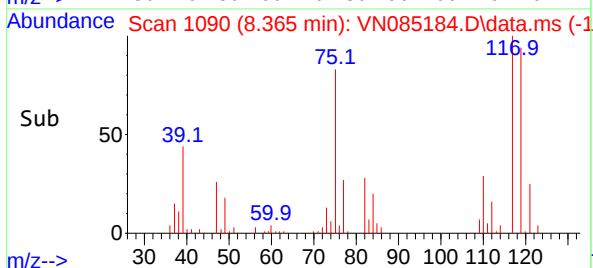
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

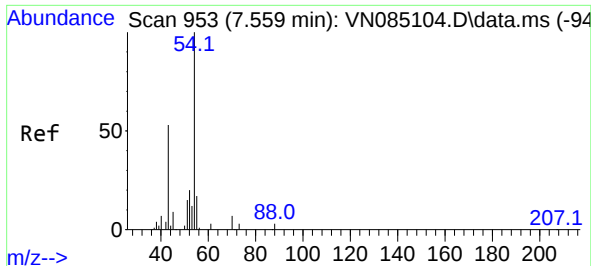


#36
1,1-Dichloropropene
Concen: 18.057 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



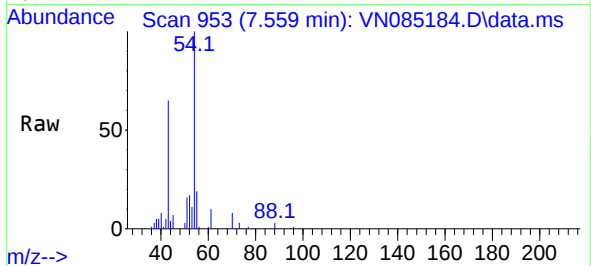
Tgt Ion: 75 Resp: 37679
Ion Ratio Lower Upper
75 100
110 35.8 17.2 51.6
77 32.7 24.2 36.4





#37
Ethyl Acetate
Concen: 22.398 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

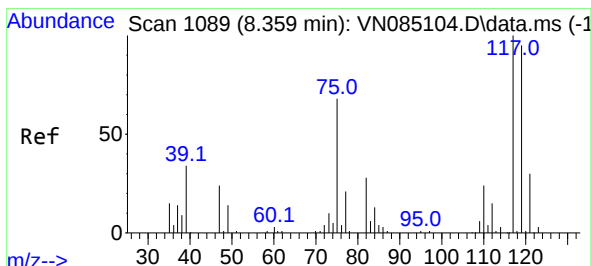
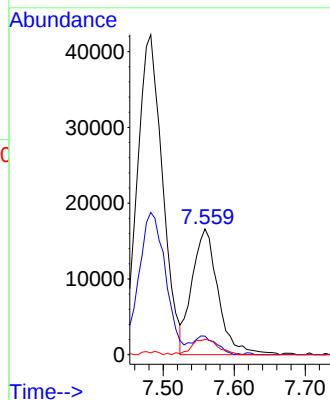
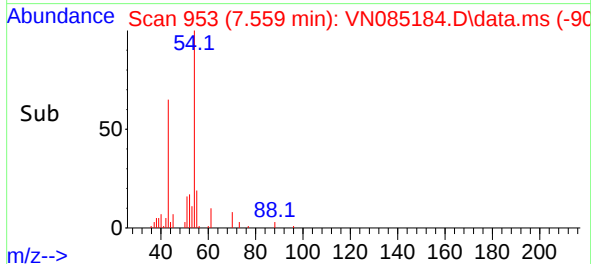
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



Tgt Ion: 43 Resp: 42488
Ion Ratio Lower Upper
43 100
61 11.3 11.7 17.5
70 12.4 9.3 13.9

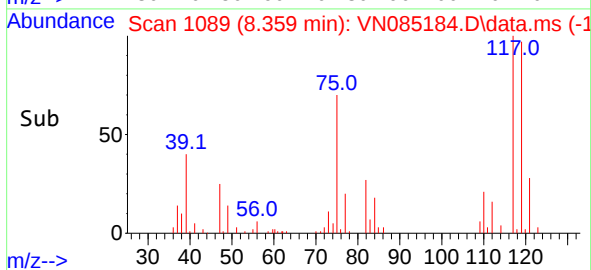
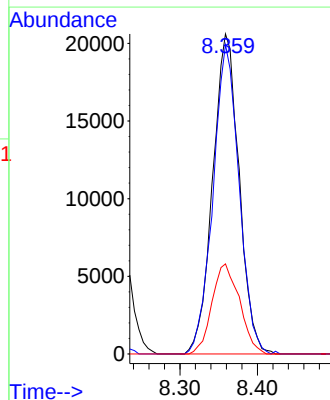
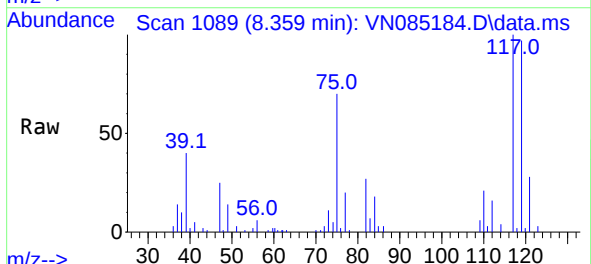
Manual Integrations
APPROVED

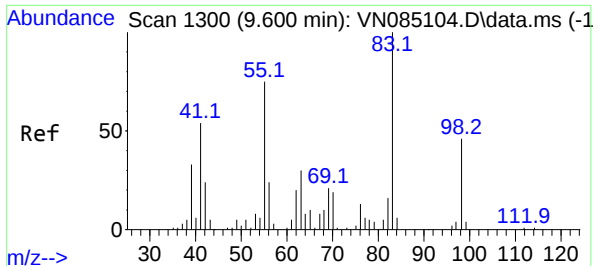
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#38
Carbon Tetrachloride
Concen: 20.192 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Tgt Ion:117 Resp: 48634
Ion Ratio Lower Upper
117 100
119 96.7 78.6 117.8
121 28.1 24.2 36.2





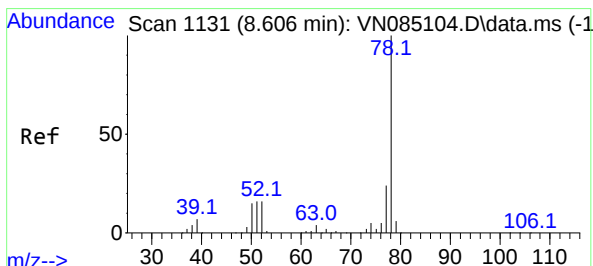
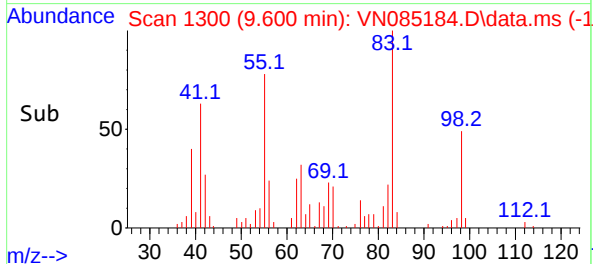
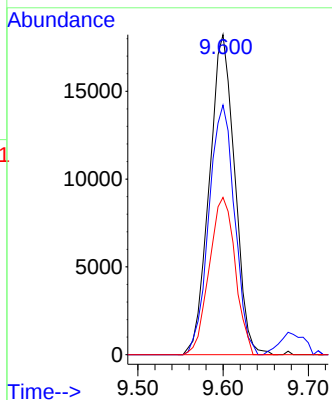
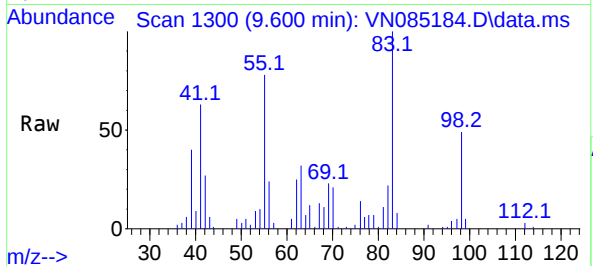
#39
Methylcyclohexane
Concen: 17.408 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01

Tgt Ion: 83 Resp: 3774
Ion Ratio Lower Upper
83 100
55 78.0 61.8 92.6
98 49.2 37.0 55.6

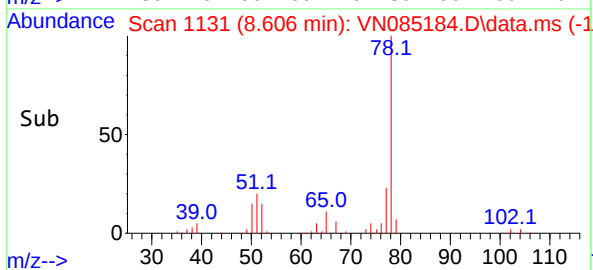
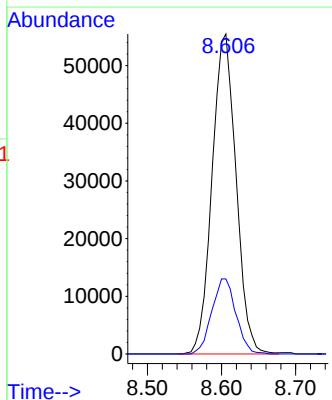
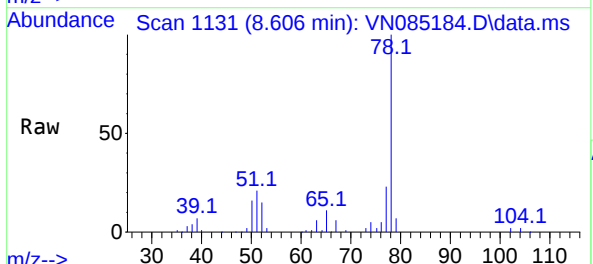
Manual Integrations
APPROVED

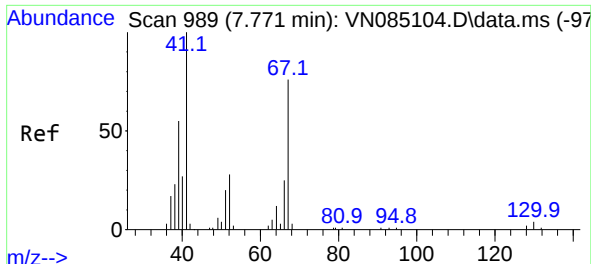
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#40
Benzene
Concen: 18.888 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

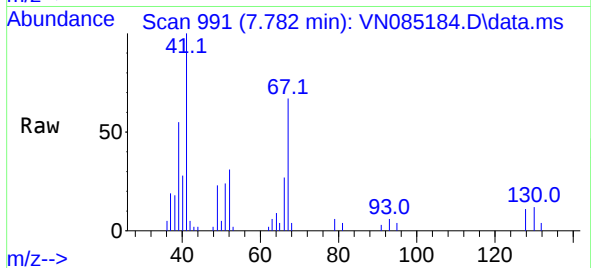
Tgt Ion: 78 Resp: 124653
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7





#41
Methacrylonitrile
Concen: 21.519 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.011 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01

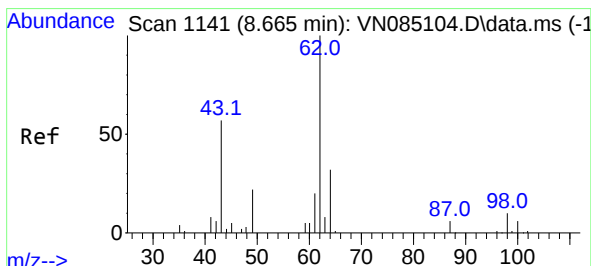
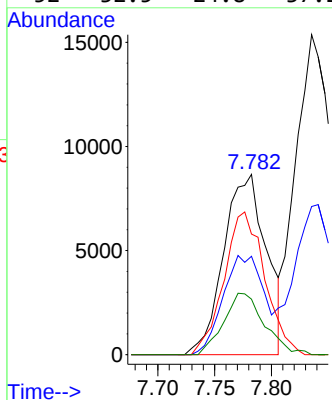
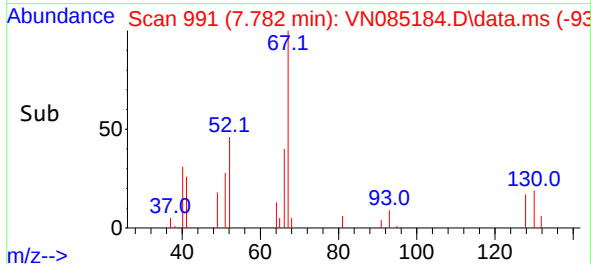


Tgt Ion: 41 Resp: 2260

Ion	Ratio	Lower	Upper
41	100		
39	52.0	42.6	63.8
67	75.8	59.9	89.9
52	32.5	24.8	37.2

Manual Integrations
APPROVED

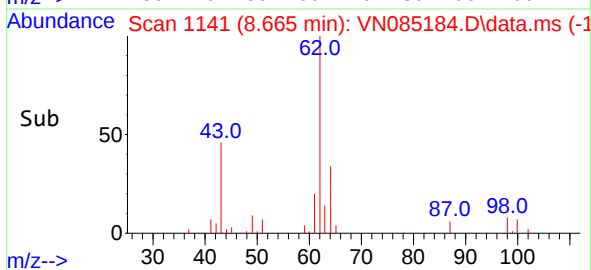
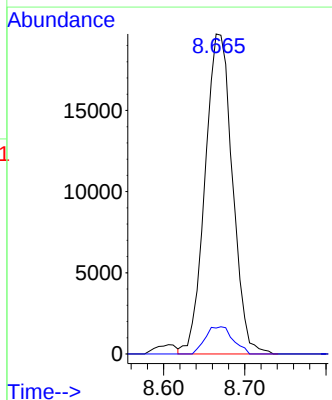
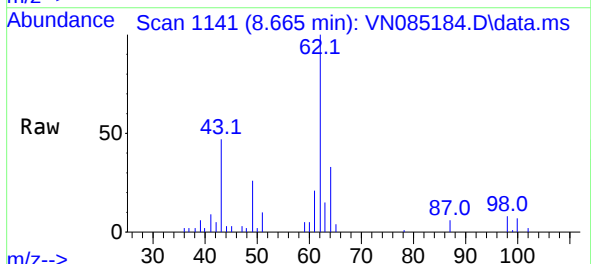
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

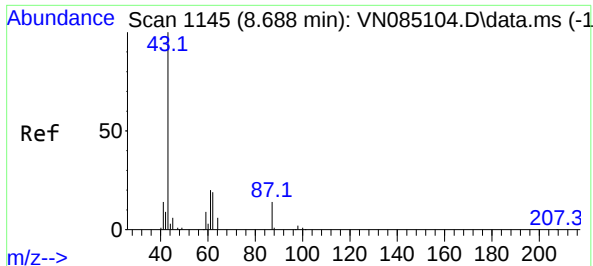


#42
1,2-Dichloroethane
Concen: 20.454 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Tgt Ion: 62 Resp: 46181

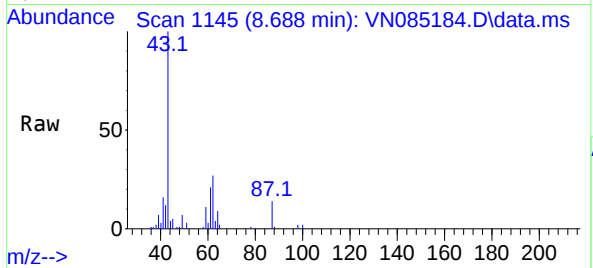
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2





Isopropyl Acetate
 Concen: 17.789 ug/l
 RT: 8.688 min Scan# 1145
 Delta R.T. 0.006 min
 Lab File: VN085184.D
 Acq: 12 Dec 2024 12:08

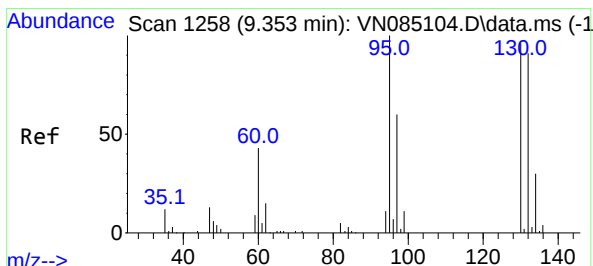
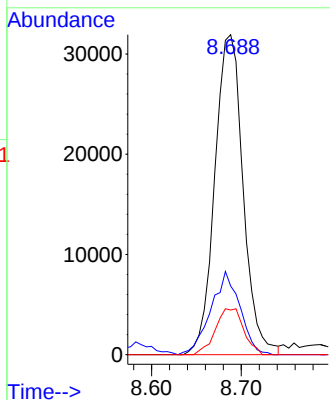
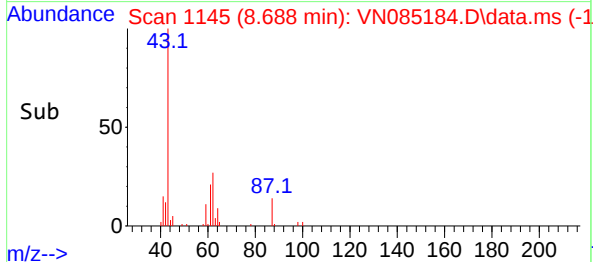
Instrument : MSVOA_N
 ClientSampleId : VN1212WBSD01



Tgt Ion: 43 Resp: 7009
 Ion Ratio Lower Upper
 43 100
 61 26.7 20.6 30.8
 87 14.3 11.0 16.4

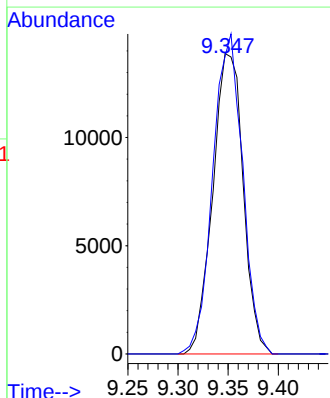
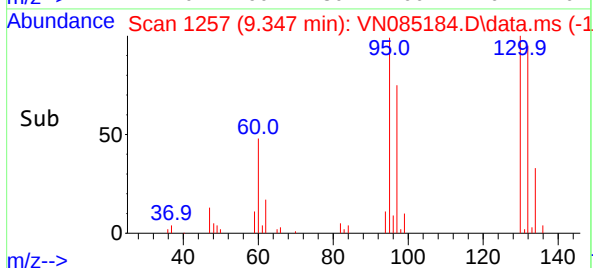
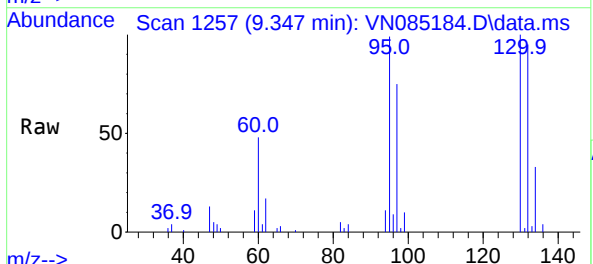
Manual Integrations
 APPROVED

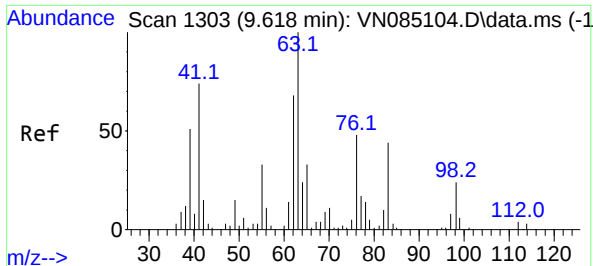
Reviewed By :John Carlone 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024



Trichloroethene
 Concen: 19.055 ug/l
 RT: 9.347 min Scan# 1257
 Delta R.T. -0.000 min
 Lab File: VN085184.D
 Acq: 12 Dec 2024 12:08

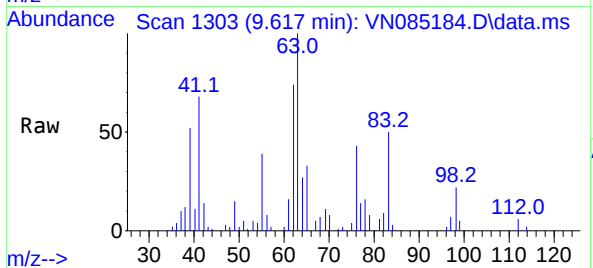
Tgt Ion:130 Resp: 29225
 Ion Ratio Lower Upper
 130 100
 95 99.1 0.0 213.4





#45
1,2-Dichloropropane
Concen: 19.518 ug/l
RT: 9.617 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

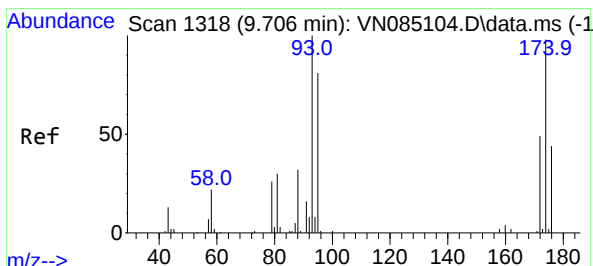
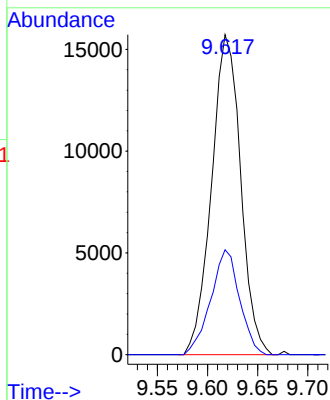
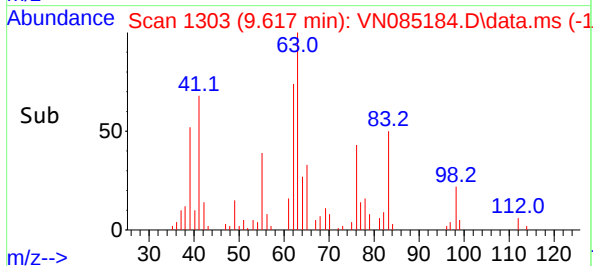
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



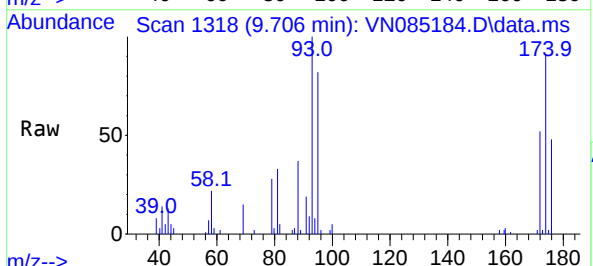
Tgt Ion: 63 Resp: 3172
Ion Ratio Lower Upper
63 100
65 32.8 24.0 36.0

Manual Integrations
APPROVED

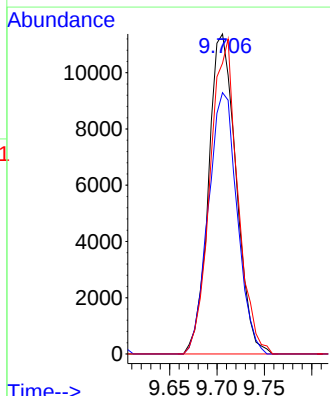
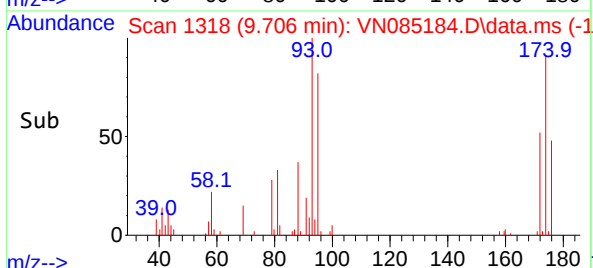
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

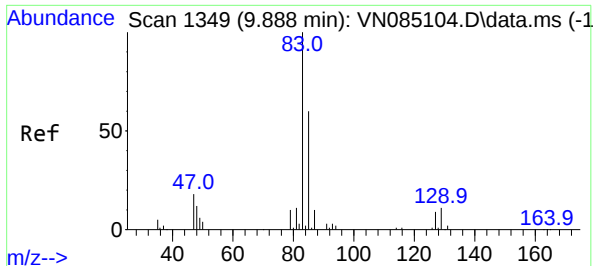


#46
Dibromomethane
Concen: 20.374 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



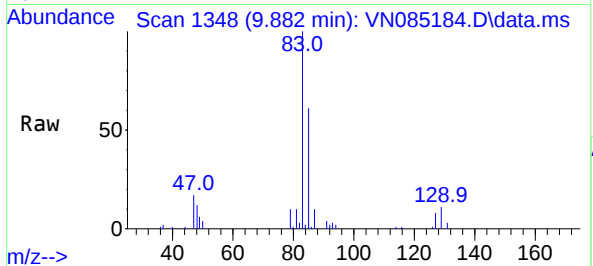
Tgt Ion: 93 Resp: 23012
Ion Ratio Lower Upper
93 100
95 85.5 66.2 99.4
174 98.0 74.9 112.3





#47
Bromodichloromethane
Concen: 20.846 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

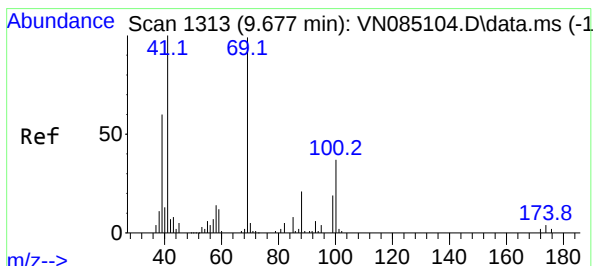
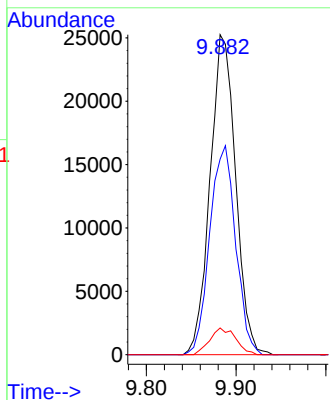
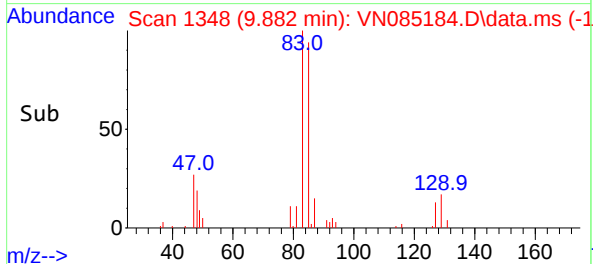
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



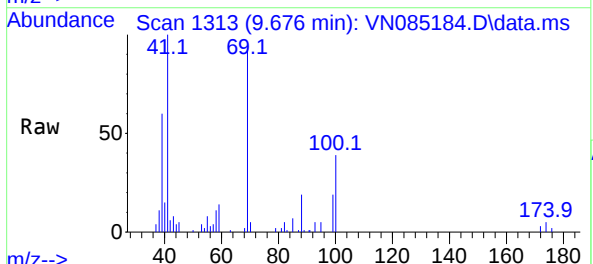
Tgt Ion: 83 Resp: 4990
Ion Ratio Lower Upper
83 100
85 61.1 50.5 75.7
127 8.3 7.1 10.7

Manual Integrations
APPROVED

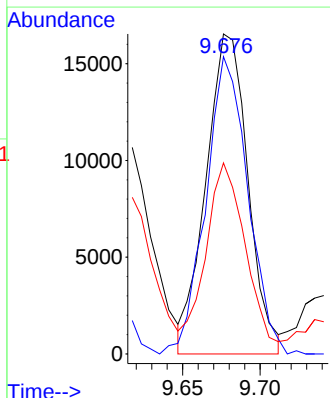
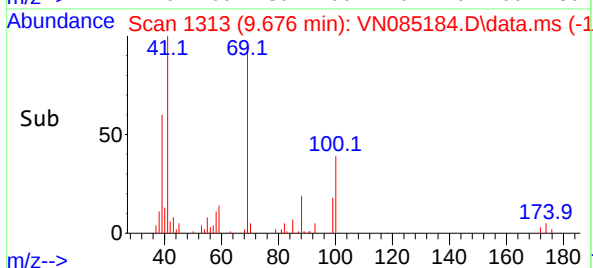
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

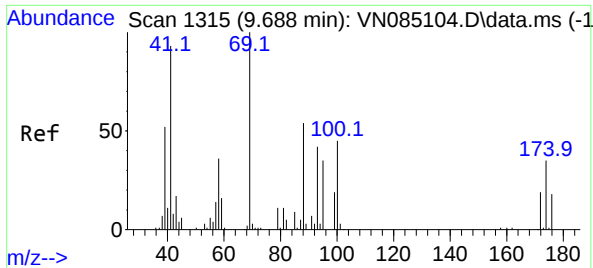


#48
Methyl methacrylate
Concen: 21.237 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



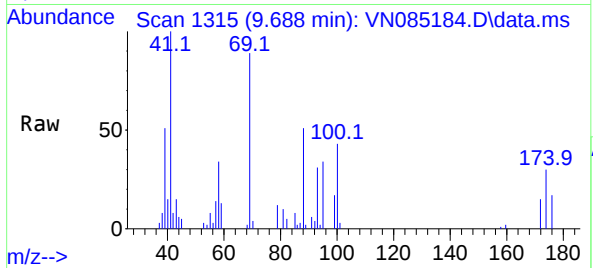
Tgt Ion: 41 Resp: 31139
Ion Ratio Lower Upper
41 100
69 93.3 73.2 109.8
39 57.6 46.2 69.4





#49
1,4-Dioxane
Concen: 537.043 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

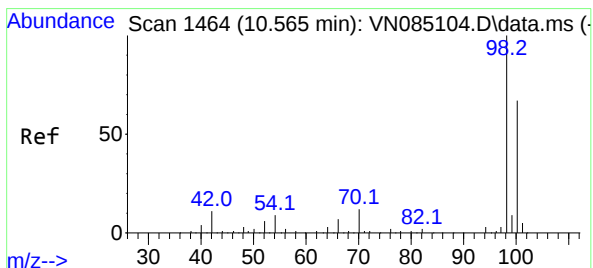
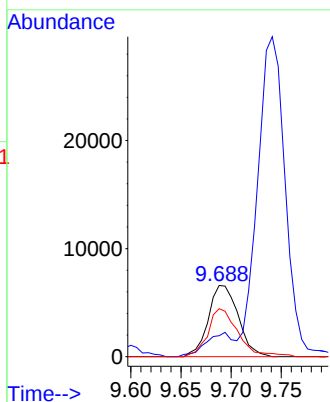
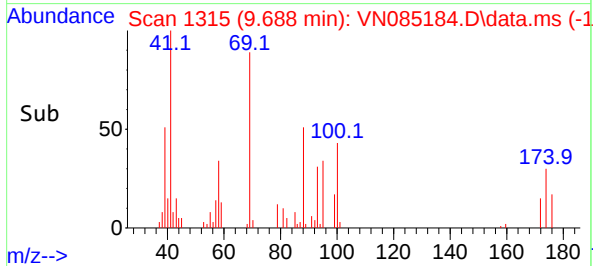
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



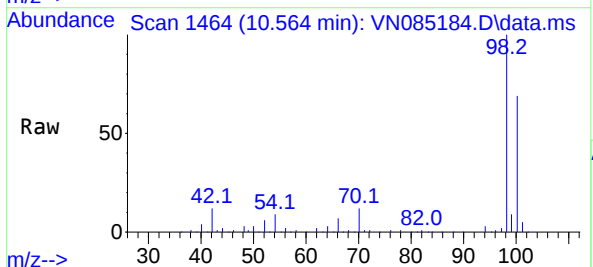
Tgt Ion: 88 Resp: 13650
Ion Ratio Lower Upper
88 100
43 32.1 16.7 25.1
58 68.1 56.5 84.7

Manual Integrations
APPROVED

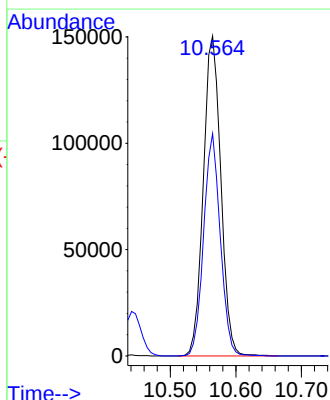
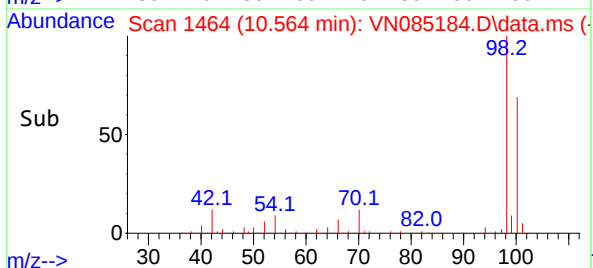
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

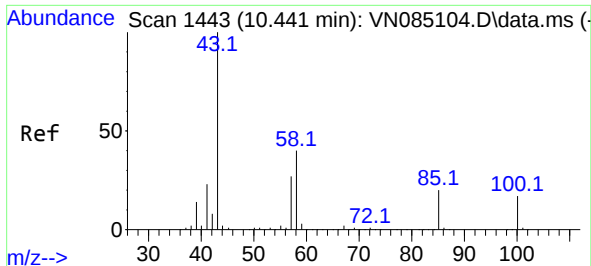


#50
Toluene-d8
Concen: 50.648 ug/l
RT: 10.564 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



Tgt Ion: 98 Resp: 279621
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





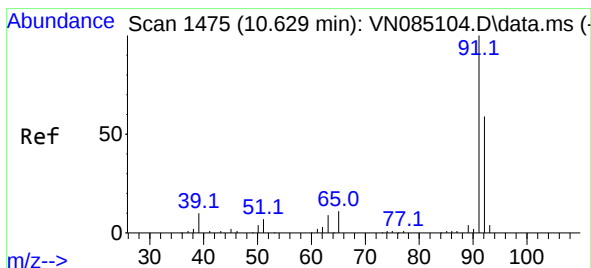
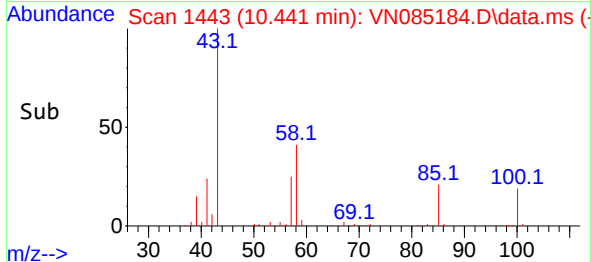
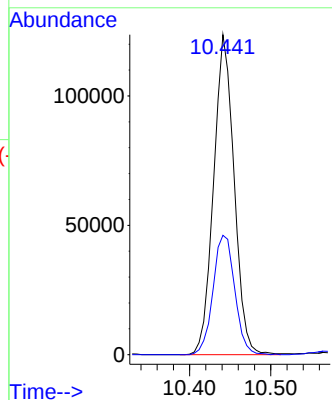
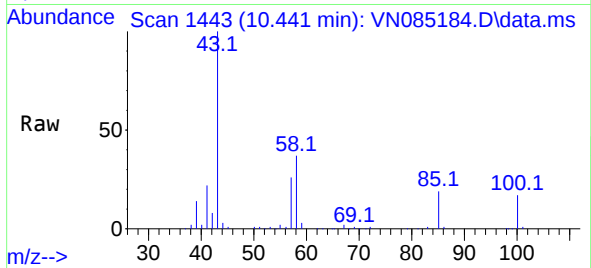
#51
4-Methyl-2-Pentanone
Concen: 120.725 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01

Tgt Ion: 43 Resp: 21727
Ion Ratio Lower Upper
43 100
58 39.5 32.1 48.1

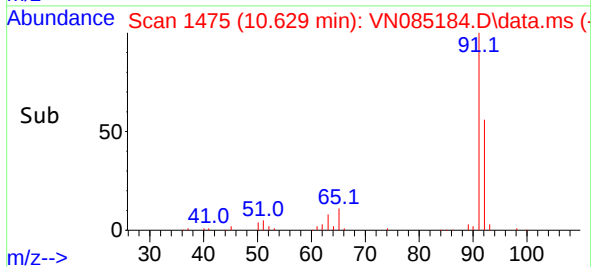
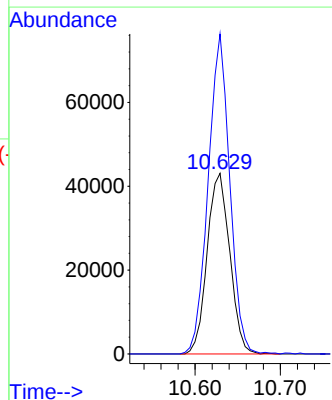
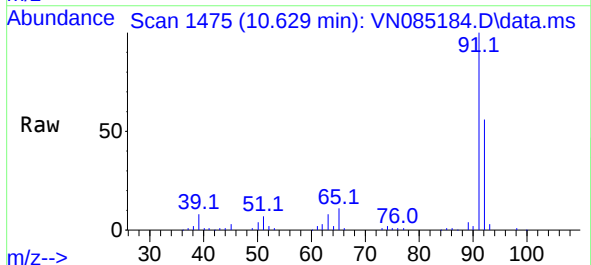
Manual Integrations
APPROVED

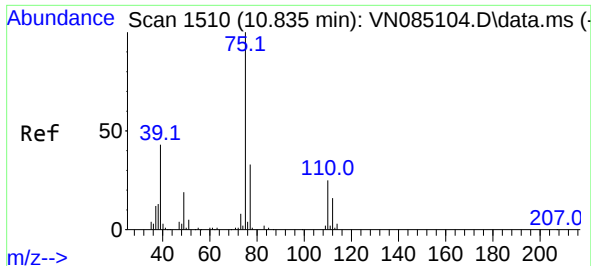
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#52
Toluene
Concen: 20.330 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

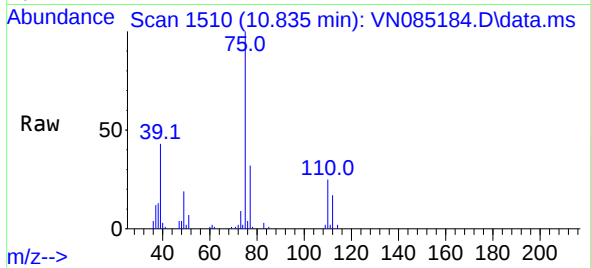
Tgt Ion: 92 Resp: 79429
Ion Ratio Lower Upper
92 100
91 169.3 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 19.909 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

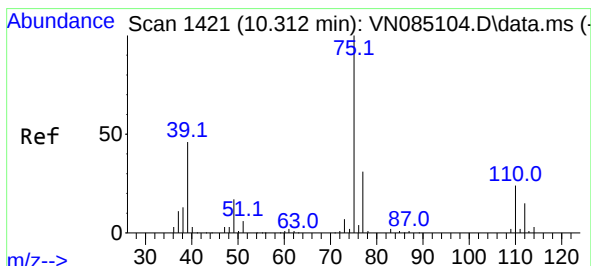
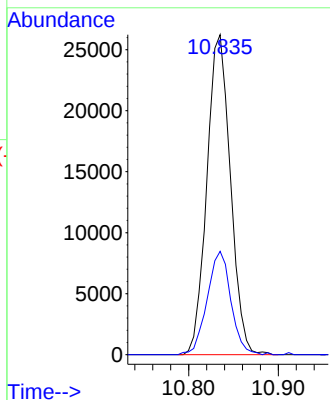
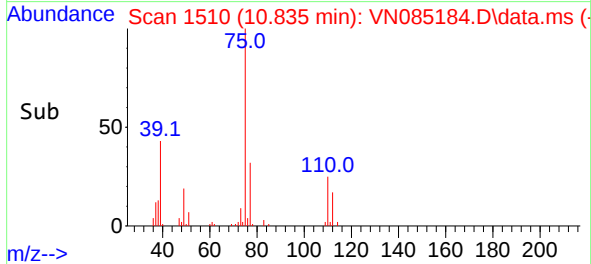
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



Tgt Ion: 75 Resp: 4778
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4

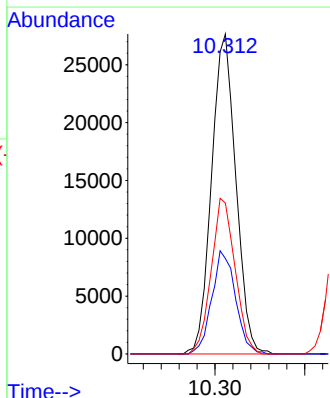
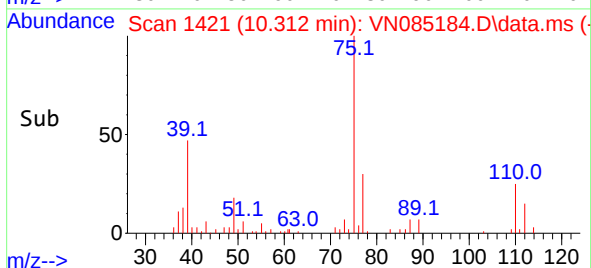
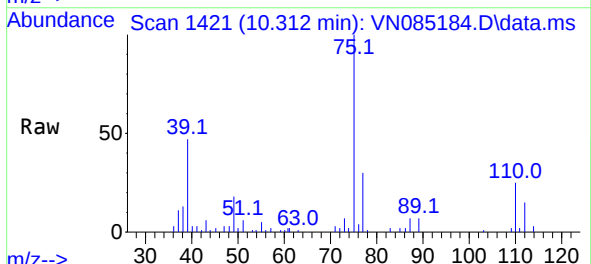
Manual Integrations
APPROVED

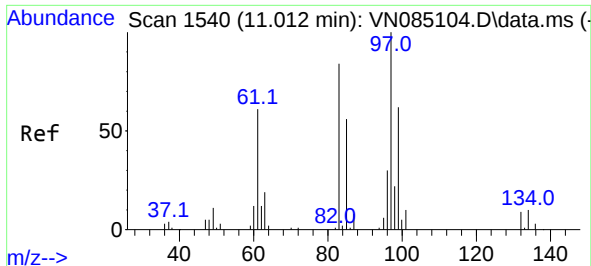
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#54
cis-1,3-Dichloropropene
Concen: 20.392 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Tgt Ion: 75 Resp: 51920
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.4
39 47.2 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 21.545 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD01

Tgt Ion: 97 Resp: 3135

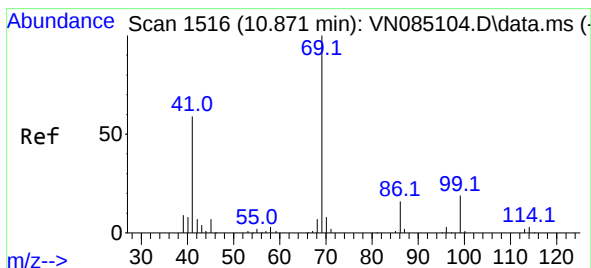
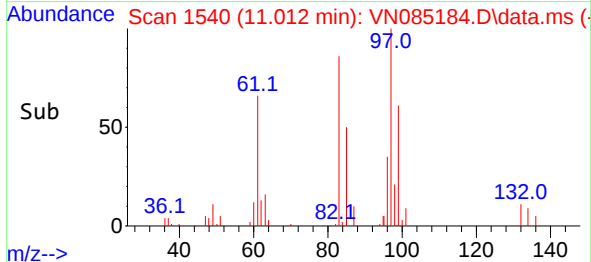
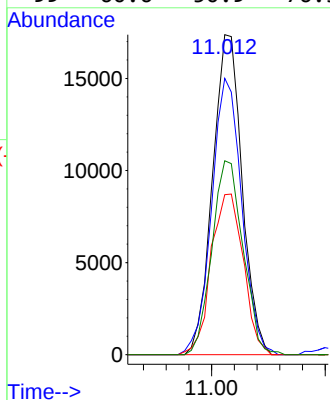
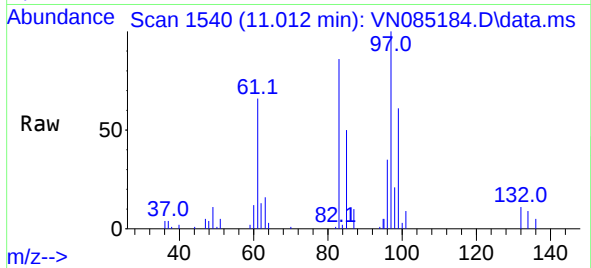
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.4	101.2
85	50.0	43.1	64.7
99	60.6	50.9	76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

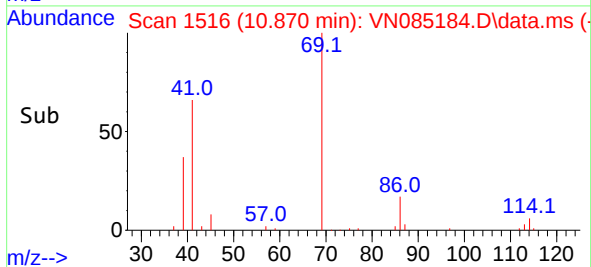
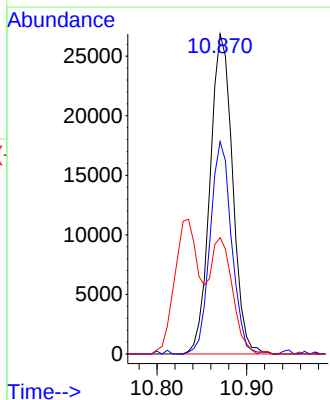
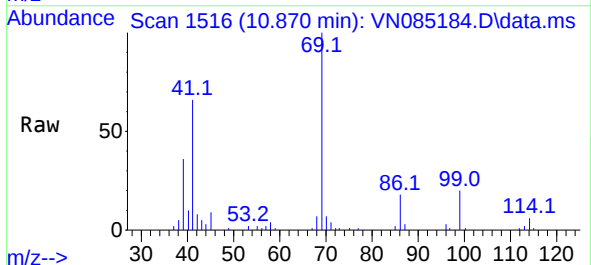
Supervised By :Mahesh Dadoda 12/13/2024

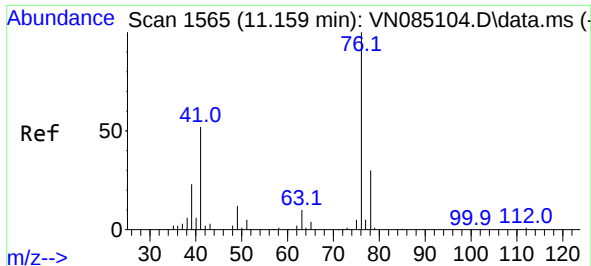


#56
Ethyl methacrylate
Concen: 22.043 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Tgt Ion: 69 Resp: 46874

Ion	Ratio	Lower	Upper
69	100		
41	63.5	50.0	75.0
39	35.4	27.0	40.6





#57

1,3-Dichloropropane

Concen: 20.984 ug/l

RT: 11.164 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085184.D

Acq: 12 Dec 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD01

Tgt Ion: 76 Resp: 53744

Ion Ratio Lower Upper

76 100

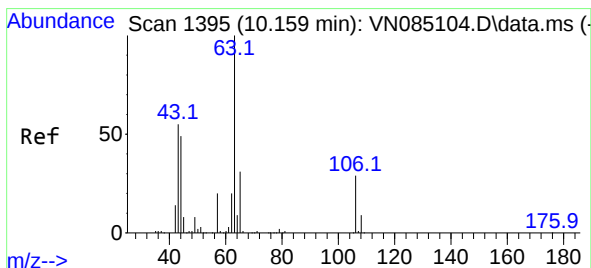
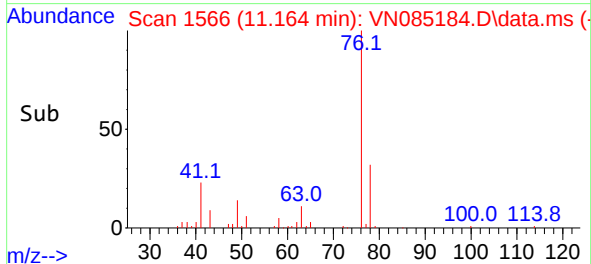
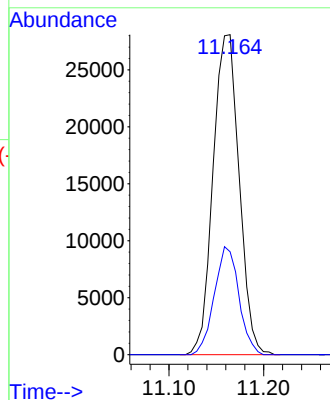
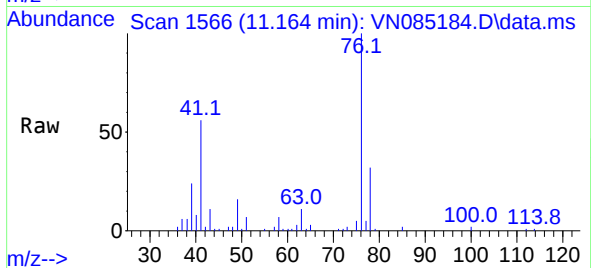
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#58

2-Chloroethyl Vinyl ether

Concen: 91.136 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085184.D

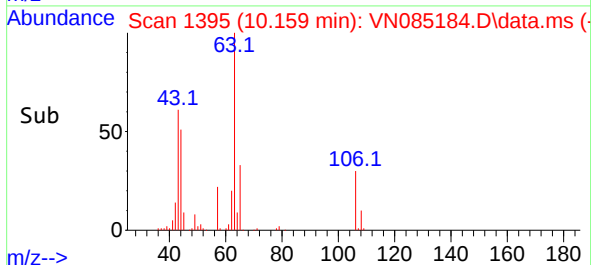
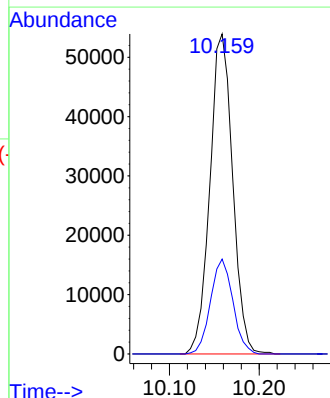
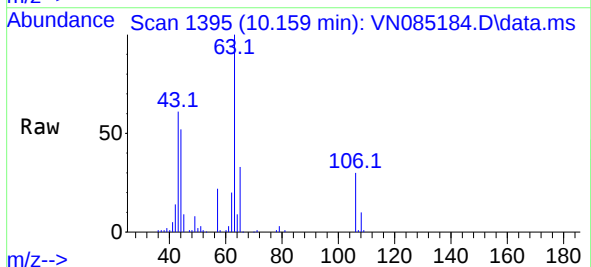
Acq: 12 Dec 2024 12:08

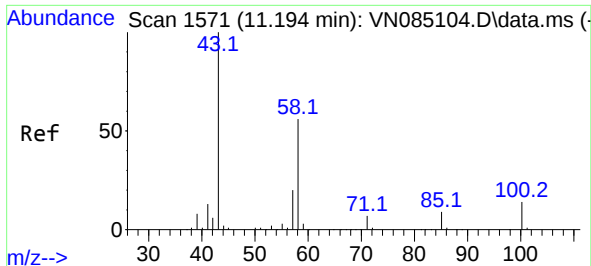
Tgt Ion: 63 Resp: 95064

Ion Ratio Lower Upper

63 100

106 29.1 23.0 34.6





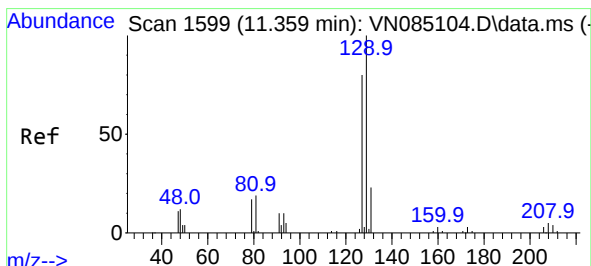
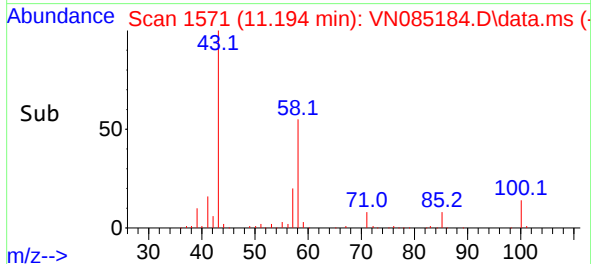
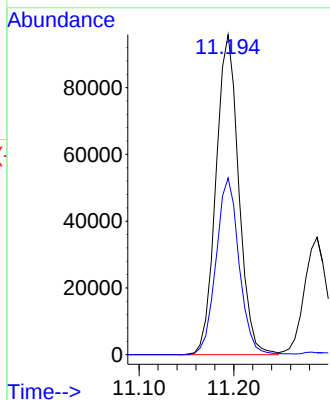
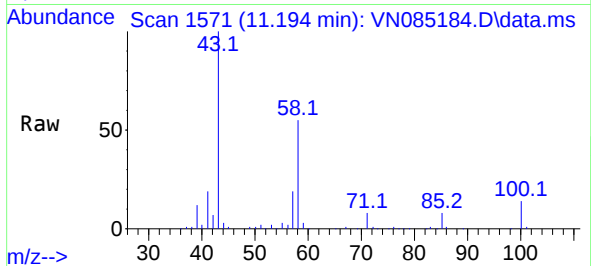
#59
2-Hexanone
Concen: 119.051 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01

Tgt Ion: 43 Resp: 160249
Ion Ratio Lower Upper
43 100
58 55.8 28.3 85.0

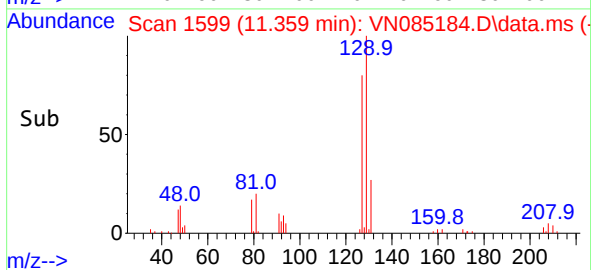
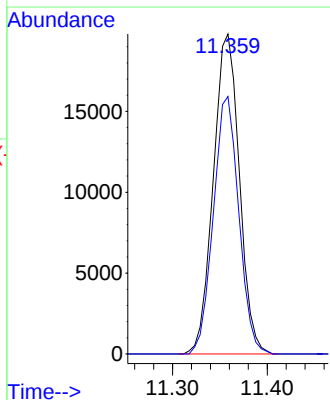
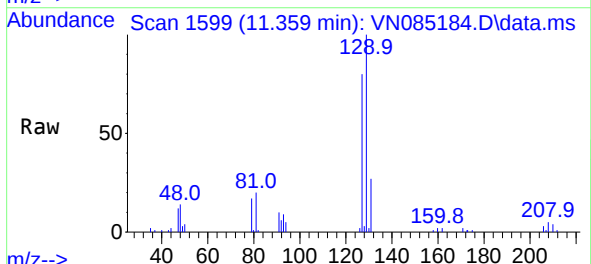
Manual Integrations
APPROVED

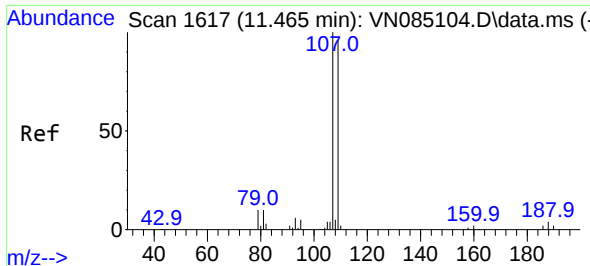
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#60
Dibromochloromethane
Concen: 21.278 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Tgt Ion:129 Resp: 37844
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





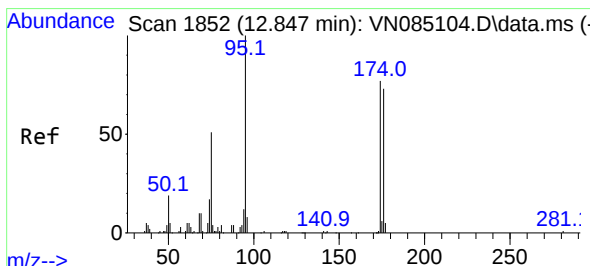
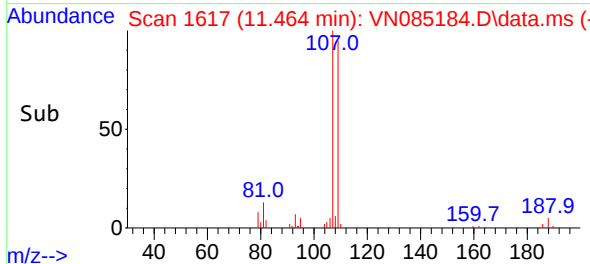
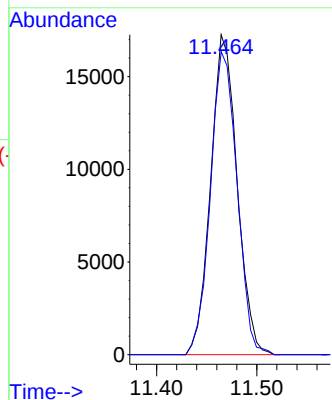
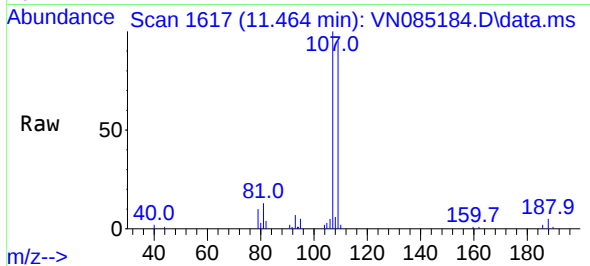
#61
1,2-Dibromoethane
Concen: 21.020 ug/l
RT: 11.464 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01

Tgt Ion:107 Resp: 31658
Ion Ratio Lower Upper
107 100
109 95.3 76.1 114.1

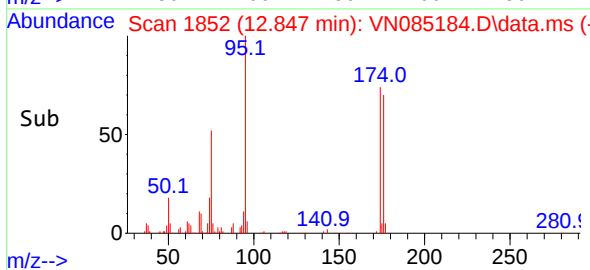
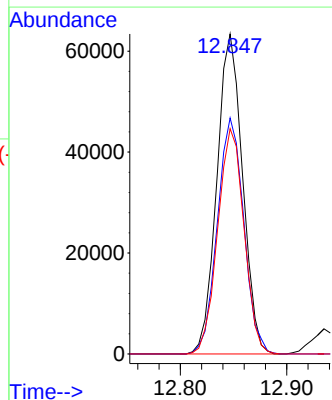
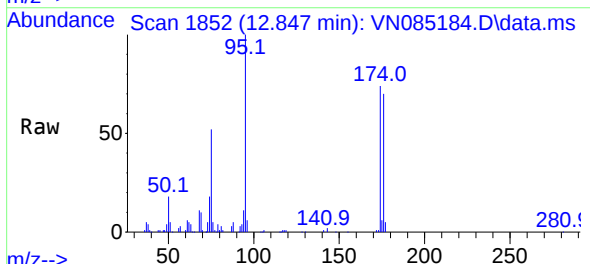
Manual Integrations
APPROVED

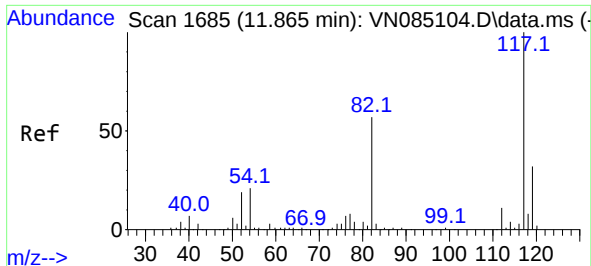
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#62
4-Bromofluorobenzene
Concen: 51.383 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Tgt Ion: 95 Resp: 106088
Ion Ratio Lower Upper
95 100
174 75.9 0.0 146.6
176 72.0 0.0 141.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD01

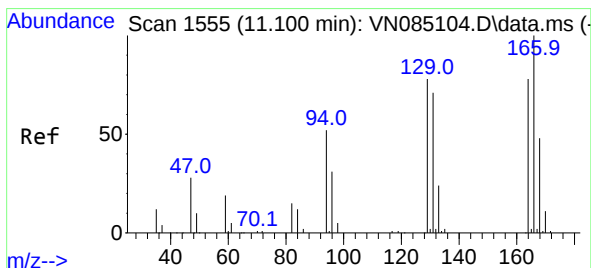
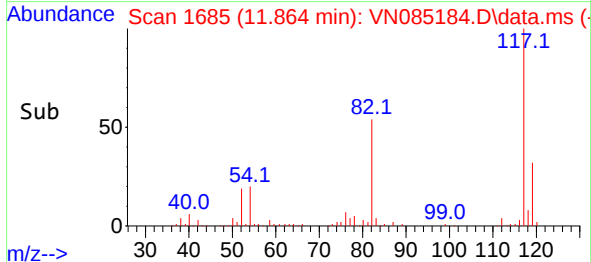
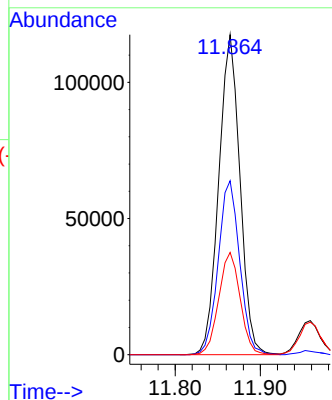
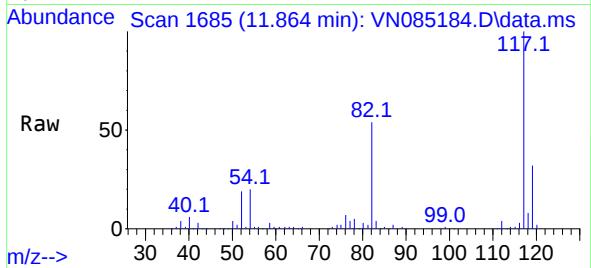
Tgt Ion:117 Resp: 20288
Ion Ratio Lower Upper
117 100
82 54.4 46.0 69.0
119 31.9 25.6 38.4

Manual Integrations

APPROVED

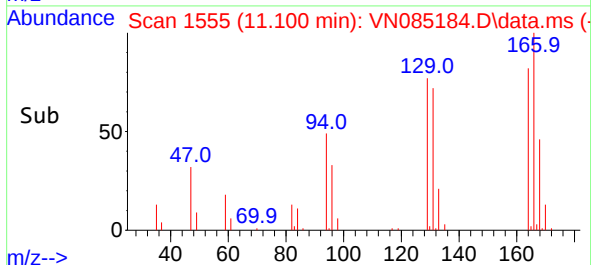
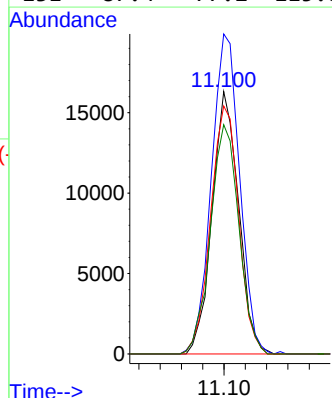
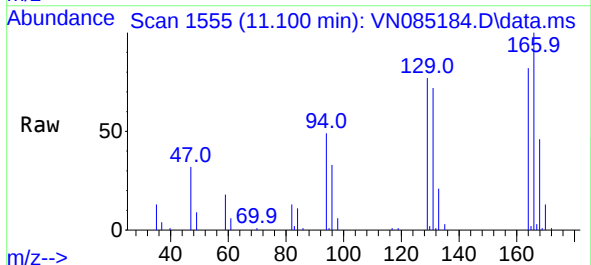
Reviewed By :John Carlone 12/13/2024

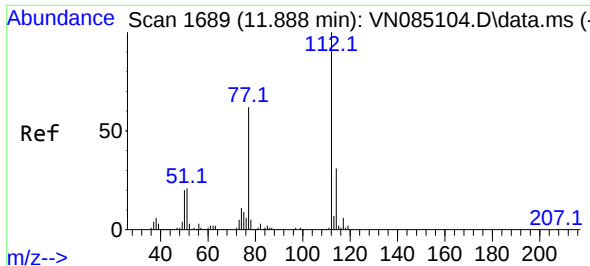
Supervised By :Mahesh Dadoda 12/13/2024



#64
Tetrachloroethene
Concen: 20.619 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

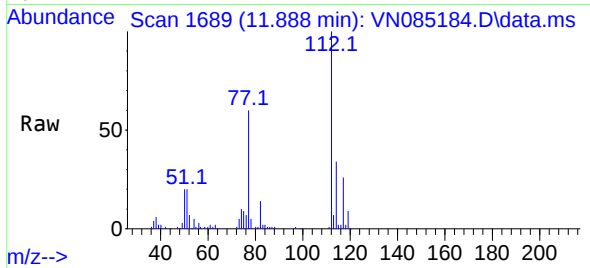
Tgt Ion:164 Resp: 28188
Ion Ratio Lower Upper
164 100
166 121.9 100.6 151.0
129 94.5 77.7 116.5
131 87.4 77.2 115.8





#65
Chlorobenzene
Concen: 18.958 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

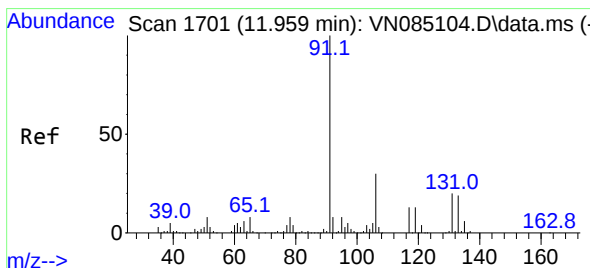
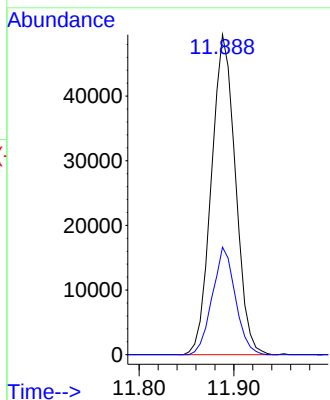
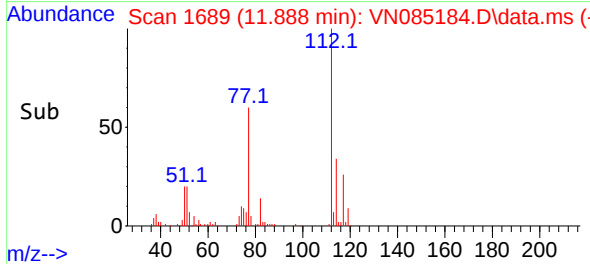
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



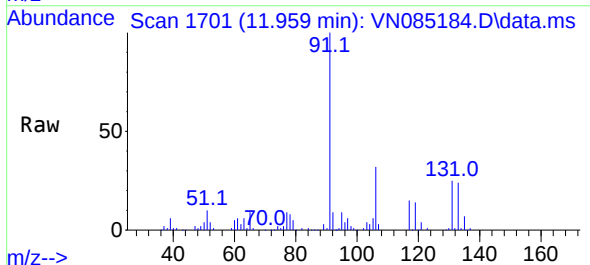
Tgt Ion:112 Resp: 87232
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.6

Manual Integrations
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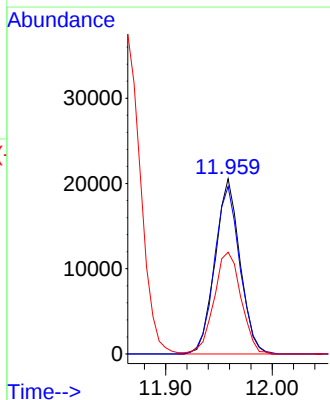
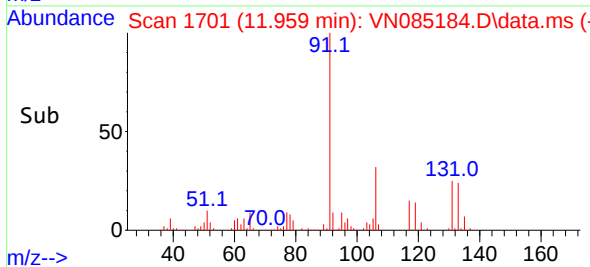
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

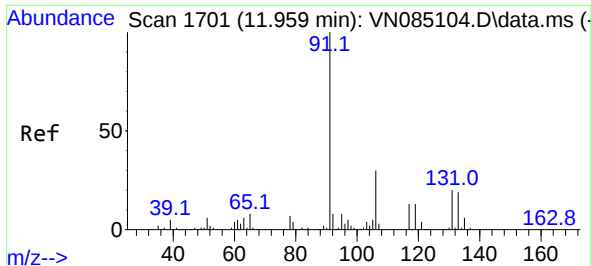


#66
1,1,1,2-Tetrachloroethane
Concen: 20.472 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



Tgt Ion:131 Resp: 33165
Ion Ratio Lower Upper
131 100
133 98.1 47.8 143.4
119 63.5 32.1 96.3





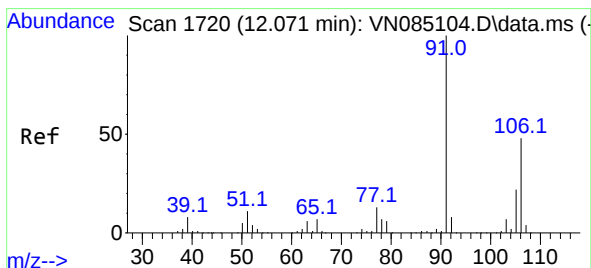
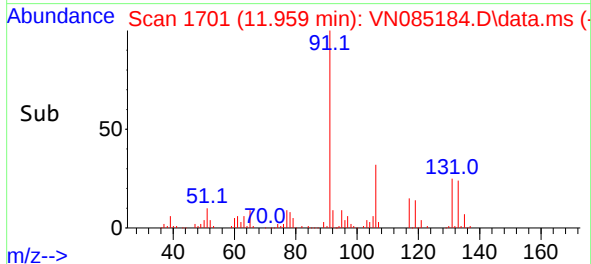
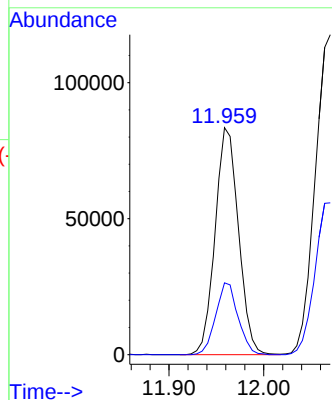
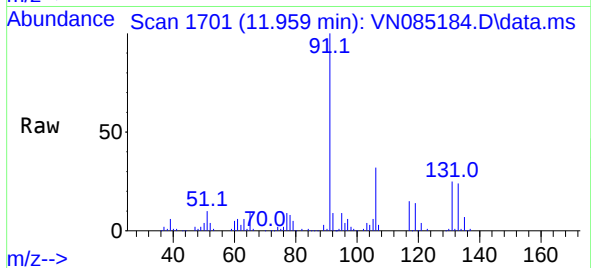
#67
Ethyl Benzene
Concen: 19.179 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01

Tgt Ion: 91 Resp: 14317
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1

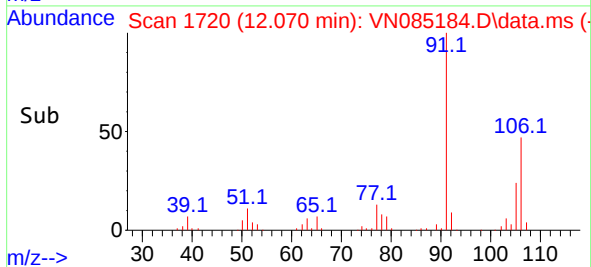
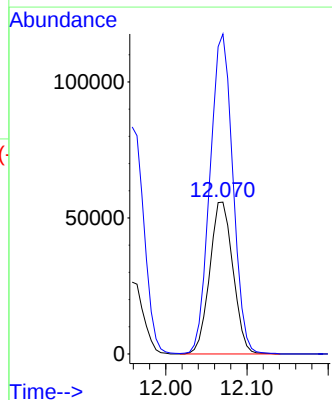
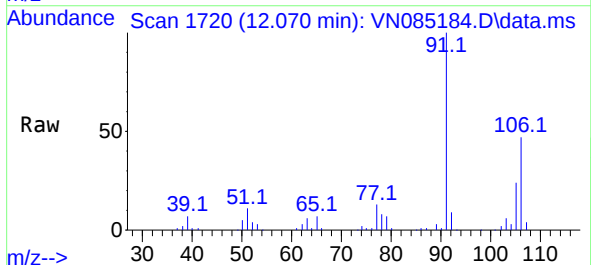
Manual Integrations
APPROVED

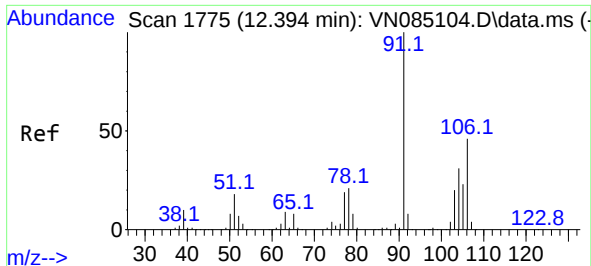
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#68
m/p-Xylenes
Concen: 39.192 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Tgt Ion:106 Resp: 111386
Ion Ratio Lower Upper
106 100
91 207.1 168.0 252.0





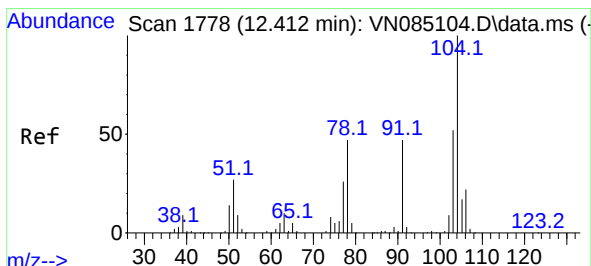
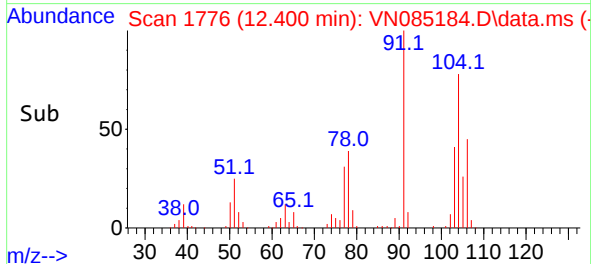
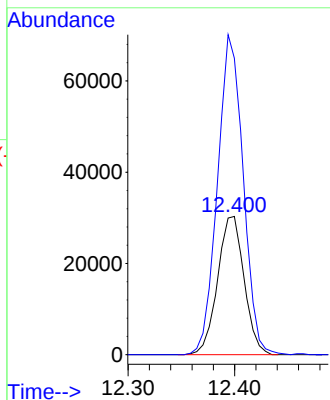
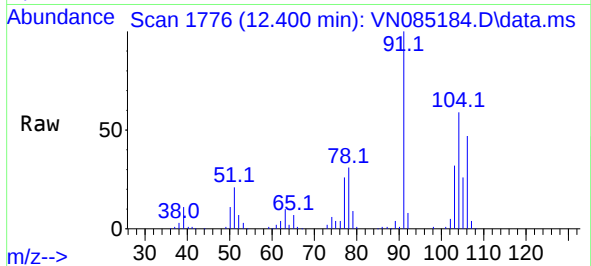
#69
o-Xylene
Concen: 19.364 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01

Tgt Ion:106 Resp: 52350
Ion Ratio Lower Upper
106 100
91 224.4 110.7 331.9

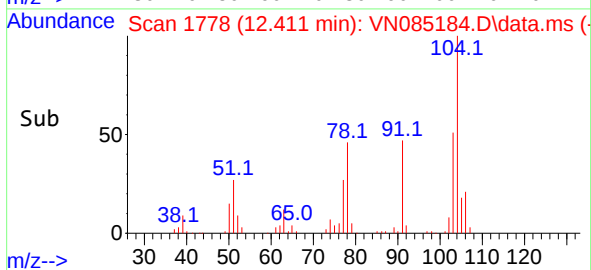
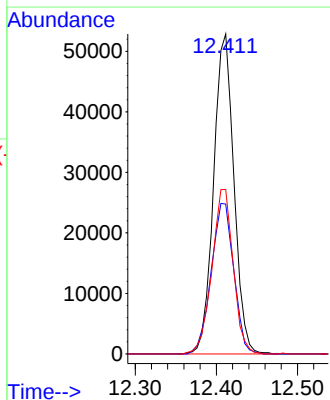
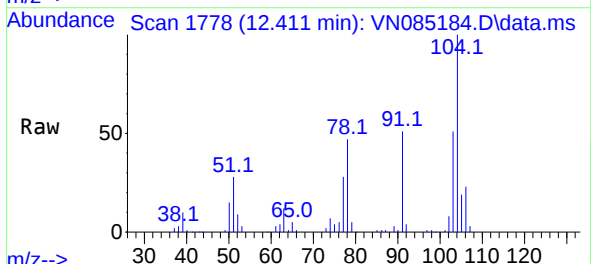
Manual Integrations
APPROVED

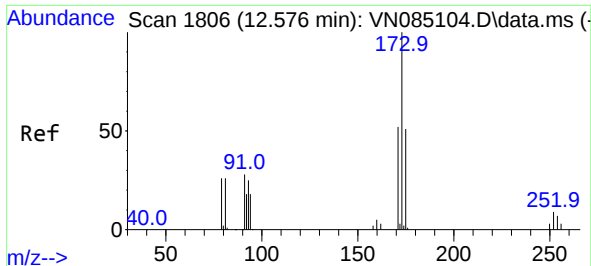
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#70
Styrene
Concen: 20.451 ug/l
RT: 12.411 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

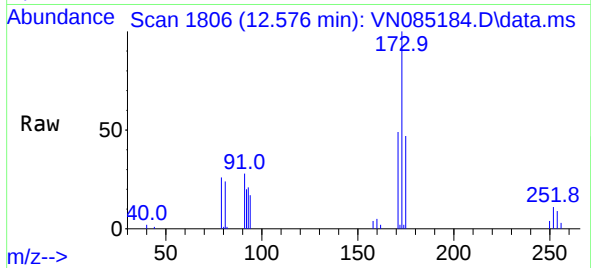
Tgt Ion:104 Resp: 91946
Ion Ratio Lower Upper
104 100
78 52.2 42.3 63.5
103 53.9 44.2 66.2





#71
Bromoform
Concen: 22.743 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

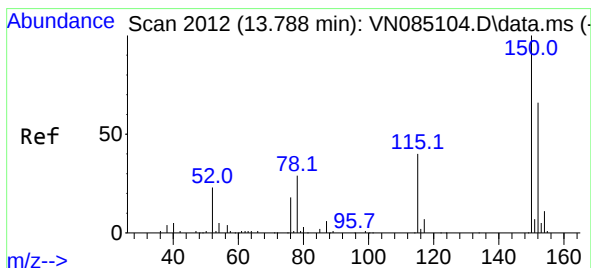
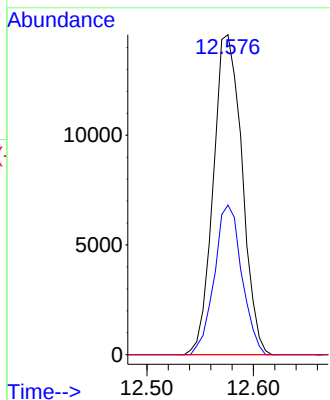
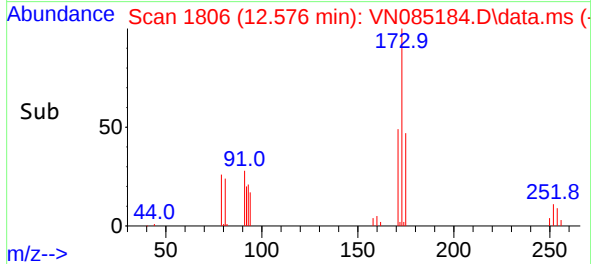
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



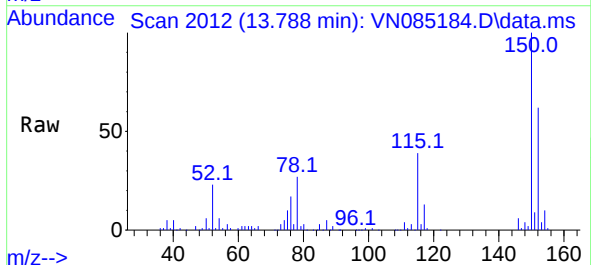
Tgt Ion:173 Resp: 27349
Ion Ratio Lower Upper
173 100
175 44.6 23.8 71.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

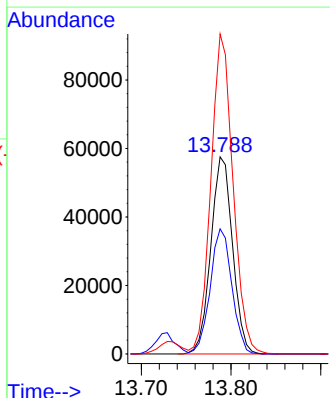
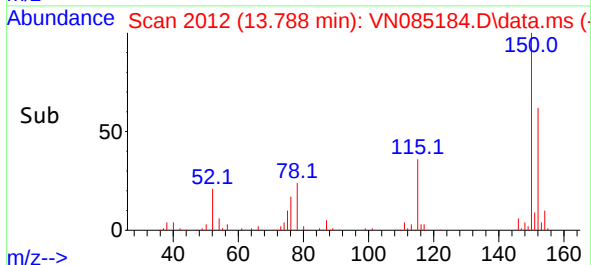
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

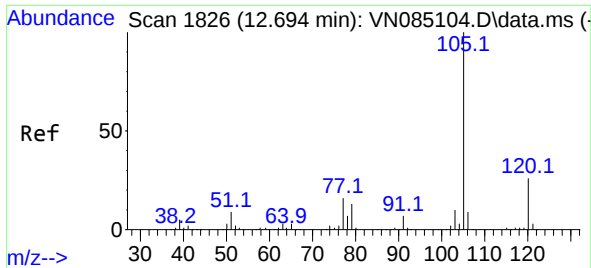


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



Tgt Ion:152 Resp: 96839
Ion Ratio Lower Upper
152 100
115 63.3 31.7 95.1
150 165.1 0.0 351.4





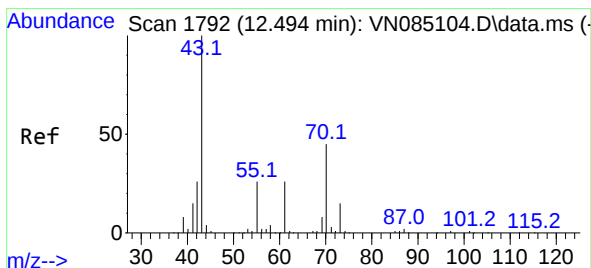
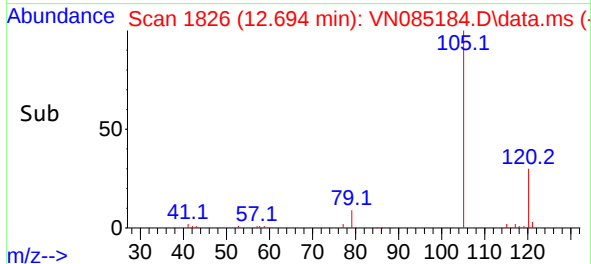
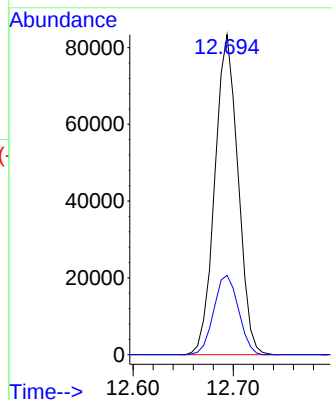
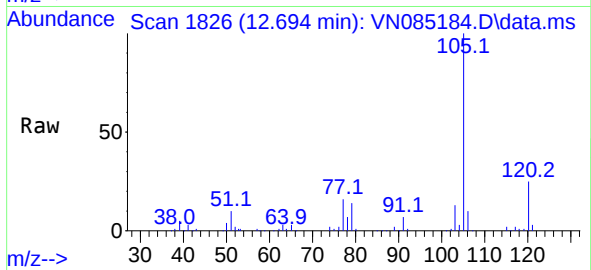
#73
Isopropylbenzene
Concen: 19.622 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01

Tgt Ion:105 Resp: 134052
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0

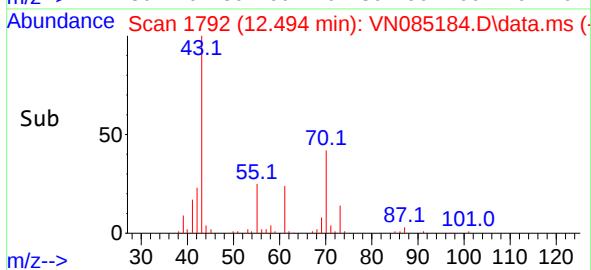
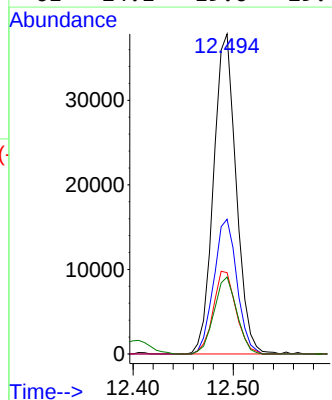
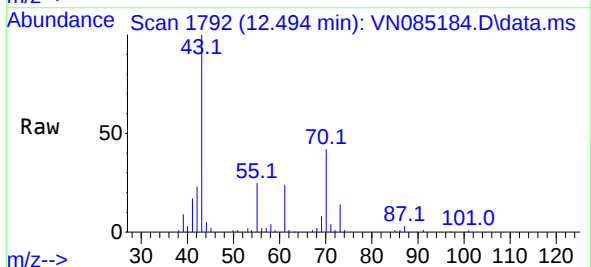
Manual Integrations
APPROVED

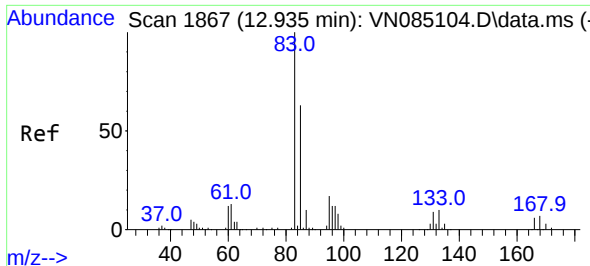
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#74
N-ethyl acetate
Concen: 21.062 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

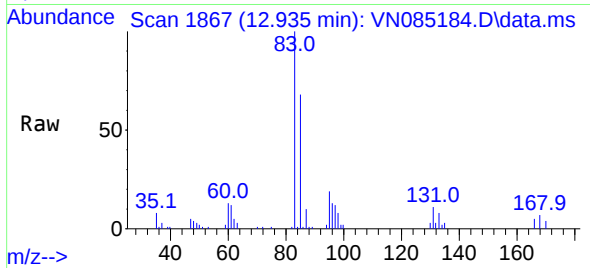
Tgt Ion: 43 Resp: 59293
Ion Ratio Lower Upper
43 100
70 43.1 34.6 51.8
55 26.1 20.5 30.7
61 24.1 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.829 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

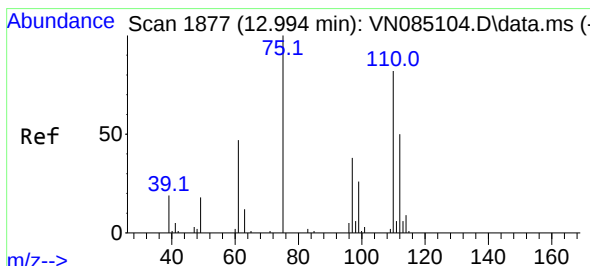
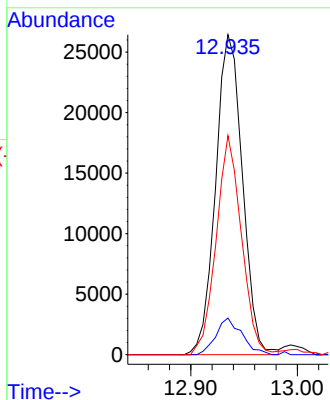
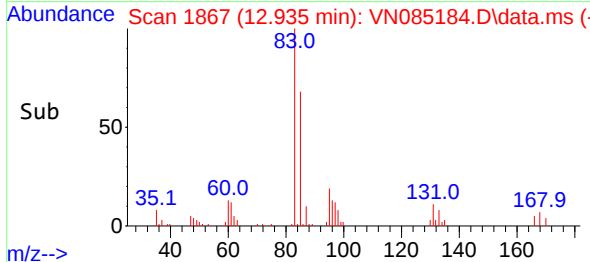
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



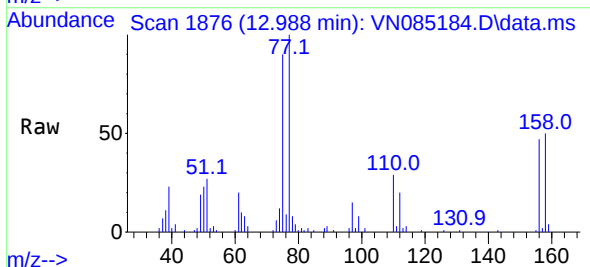
Tgt Ion: 83 Resp: 4625
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.4
85 64.3 32.1 96.3

Manual Integrations
APPROVED

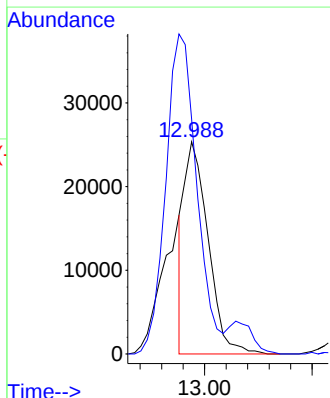
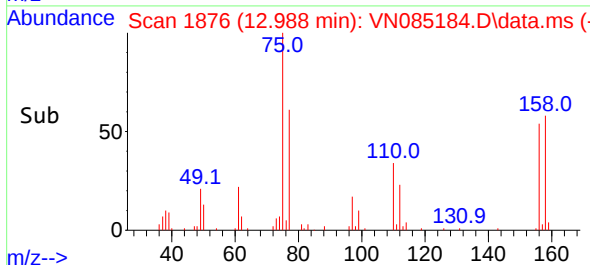
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

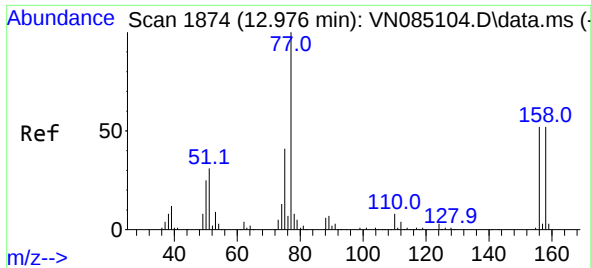


#76
1,2,3-Trichloropropane
Concen: 22.141 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



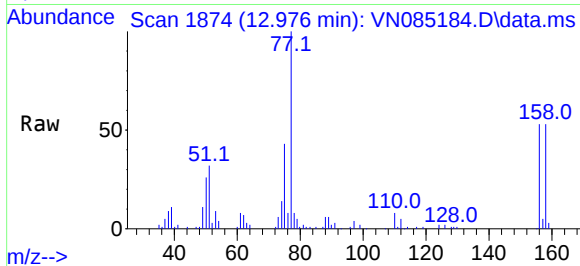
Tgt Ion: 75 Resp: 38999
Ion Ratio Lower Upper
75 100
77 196.5 109.1 327.4





#77
Bromobenzene
Concen: 19.229 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

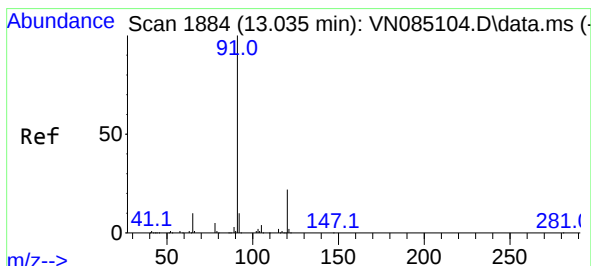
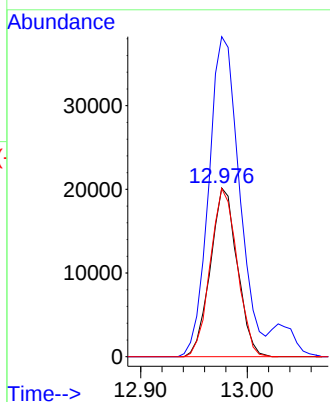
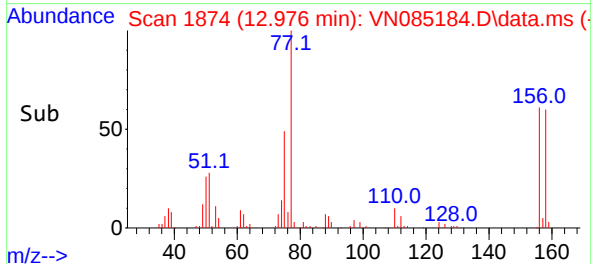
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



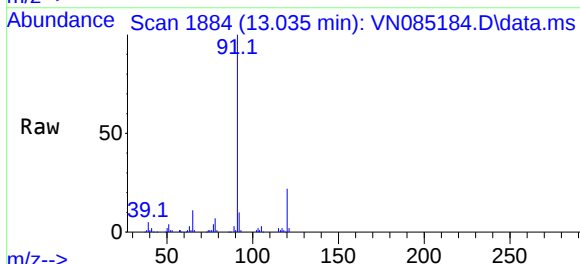
Tgt Ion:156 Resp: 35352
Ion Ratio Lower Upper
156 100
77 216.7 107.2 321.6
158 99.4 48.5 145.6

Manual Integrations
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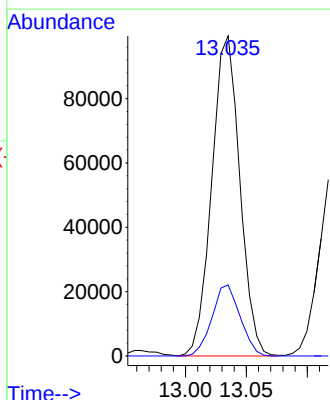
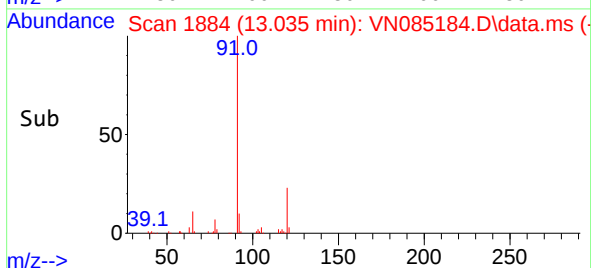
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

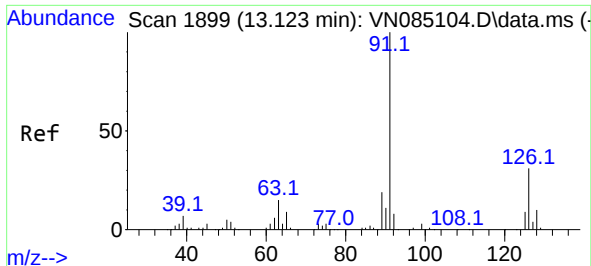


#78
n-propylbenzene
Concen: 20.211 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



Tgt Ion: 91 Resp: 159259
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.9





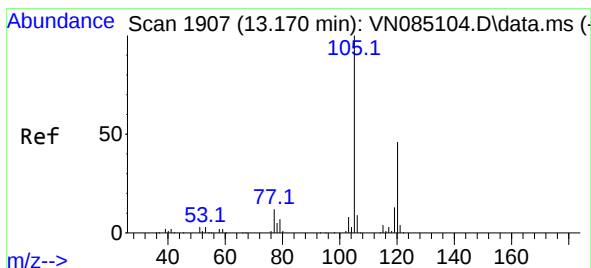
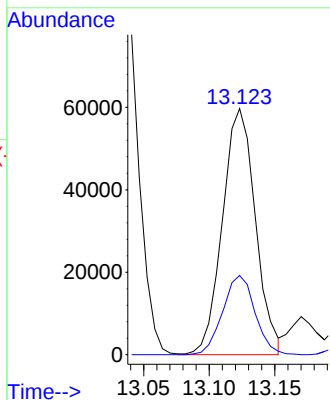
#79
2-Chlorotoluene
Concen: 19.868 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01

Tgt Ion: 91 Resp: 104508
Ion Ratio Lower Upper
91 100
126 31.4 16.1 48.3

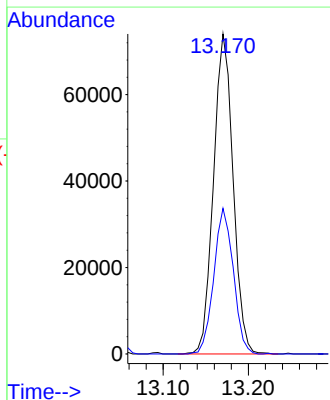
Manual Integrations
APPROVED

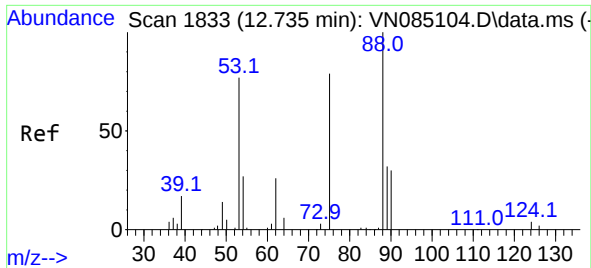
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.598 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

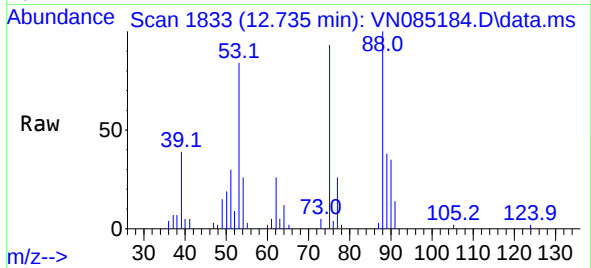
Tgt Ion:105 Resp: 118078
Ion Ratio Lower Upper
105 100
120 45.3 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 20.060 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

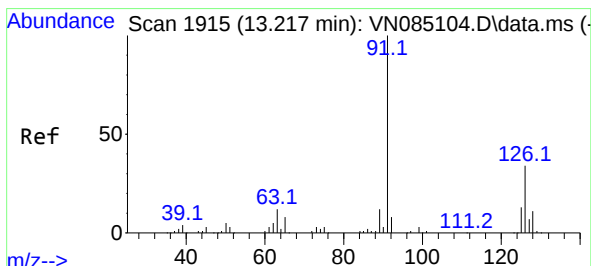
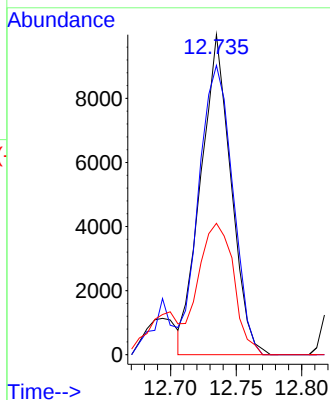
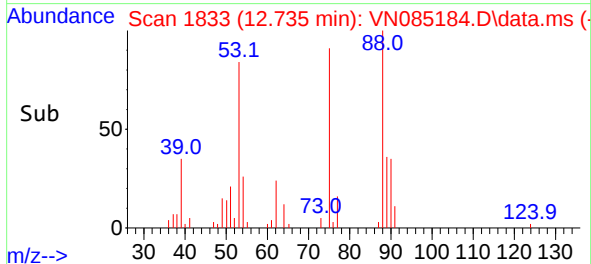
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



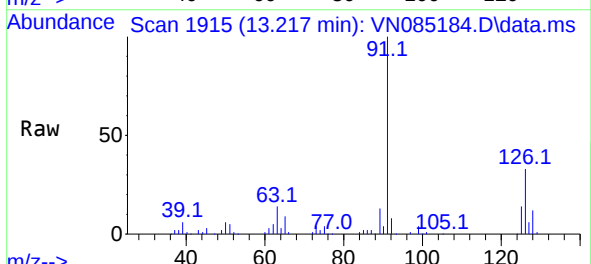
Tgt Ion: 75 Resp: 16000
Ion Ratio Lower Upper
75 100
53 101.0 78.2 117.4
89 48.6 37.9 56.9

Manual Integrations
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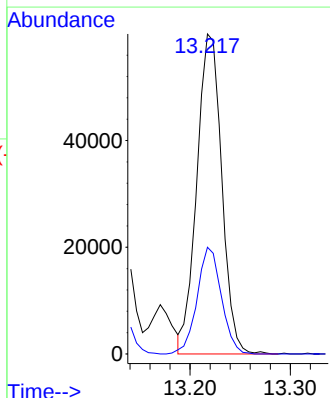
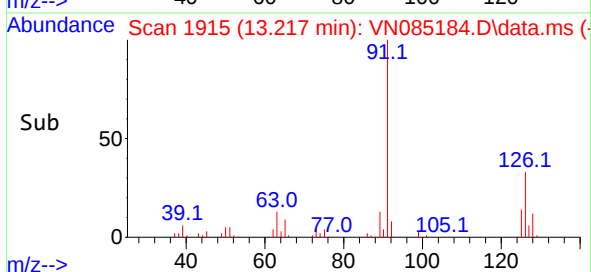
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

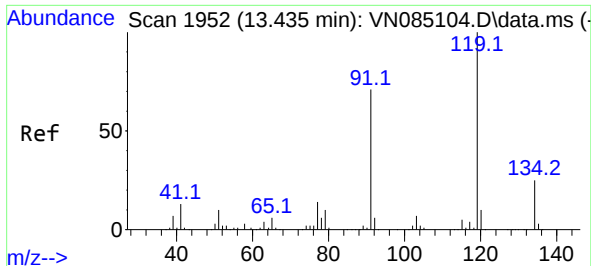


#82
4-Chlorotoluene
Concen: 18.916 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



Tgt Ion: 91 Resp: 103580
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.3





#83
tert-Butylbenzene
Concen: 19.952 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD01

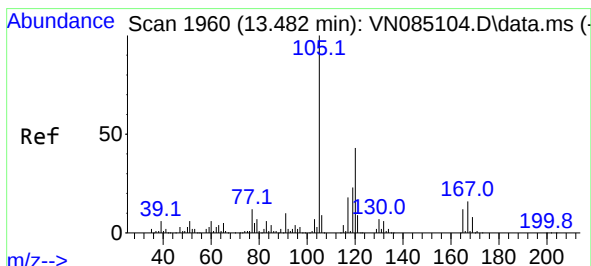
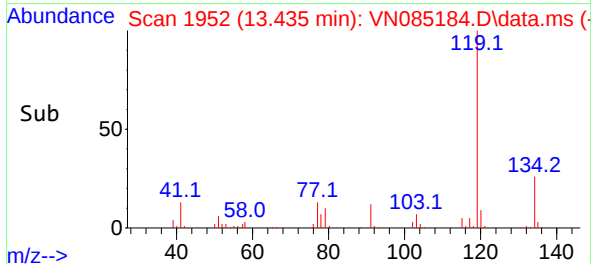
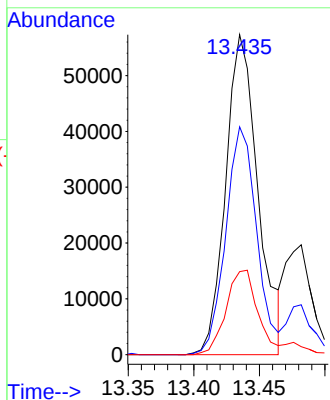
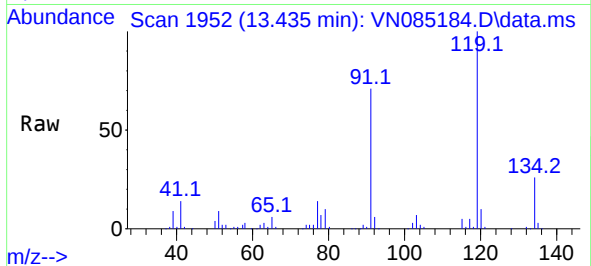
Tgt Ion:119 Resp: 98414
Ion Ratio Lower Upper
119 100
91 68.3 35.1 105.5
134 28.4 12.1 36.3

Manual Integrations

APPROVED

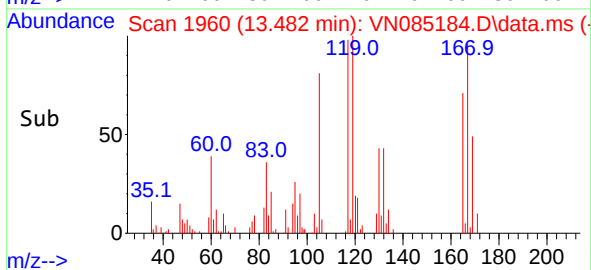
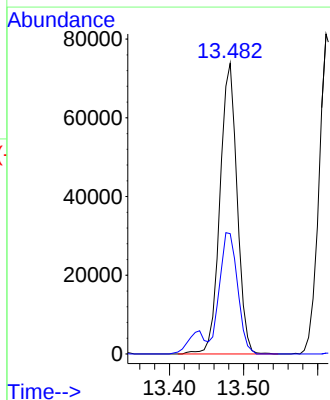
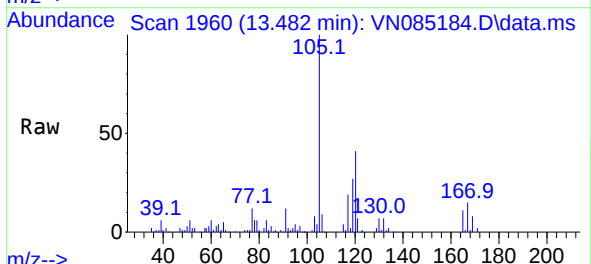
Reviewed By :John Carlone 12/13/2024

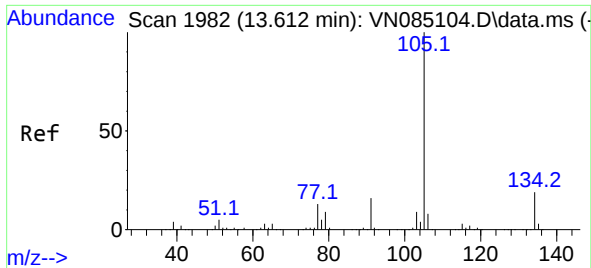
Supervised By :Mahesh Dadoda 12/13/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.075 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Tgt Ion:105 Resp: 118462
Ion Ratio Lower Upper
105 100
120 44.0 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 19.927 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085184.D
 Acq: 12 Dec 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

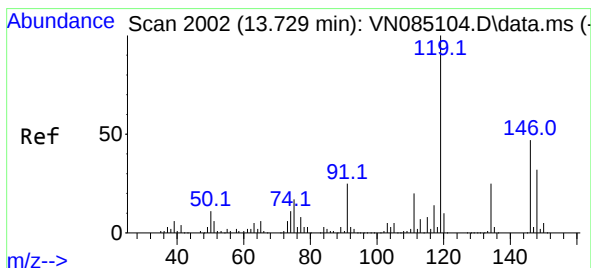
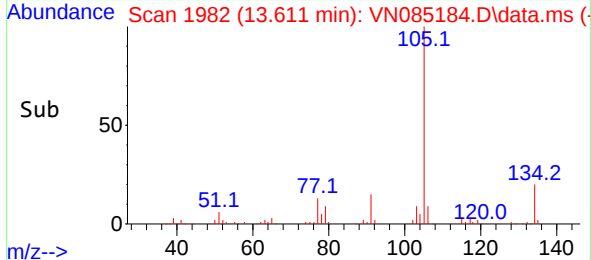
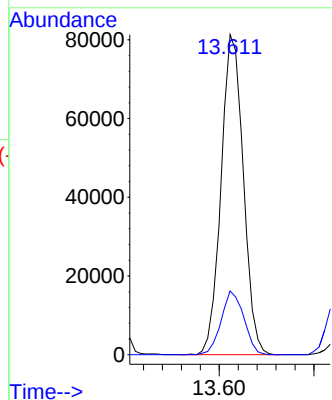
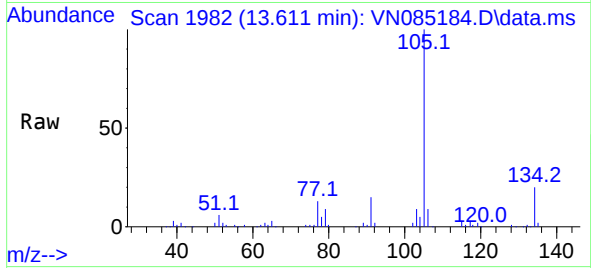
VN1212WBSD01

Tgt Ion:105 Resp: 13277
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

Manual Integrations

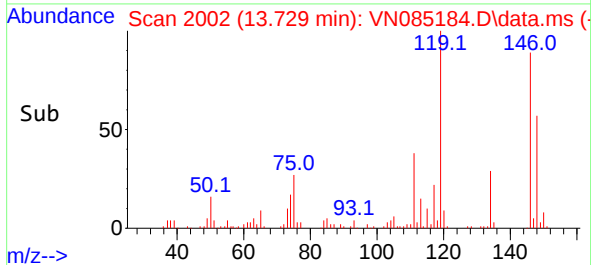
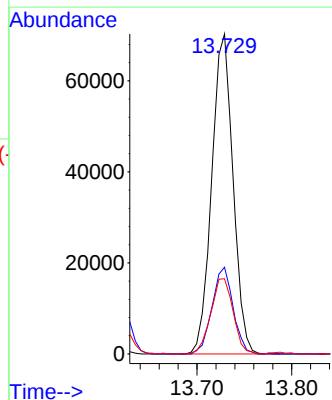
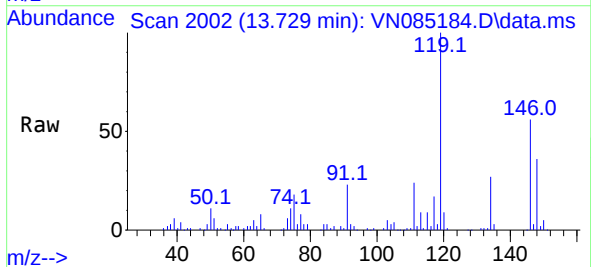
APPROVED

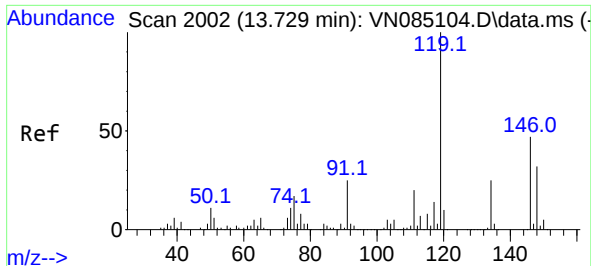
Reviewed By :John Carlone 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024



#86
 p-Isopropyltoluene
 Concen: 19.976 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085184.D
 Acq: 12 Dec 2024 12:08

Tgt Ion:119 Resp: 109876
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 39.0
 91 24.7 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 17.995 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085184.D

Acq: 12 Dec 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD01

Tgt Ion:146 Resp: 6525

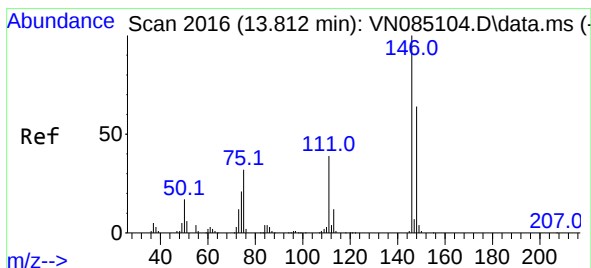
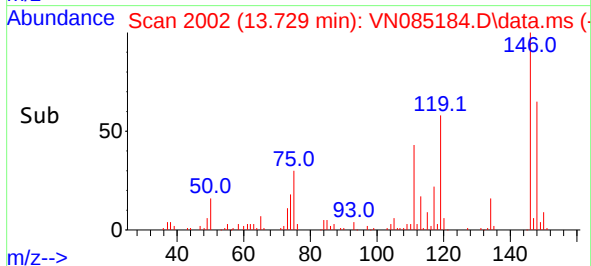
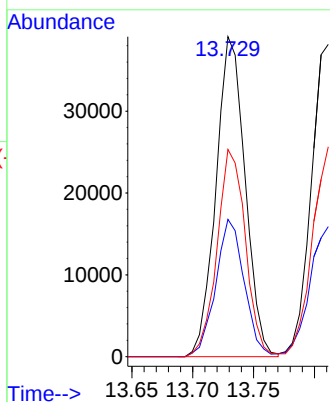
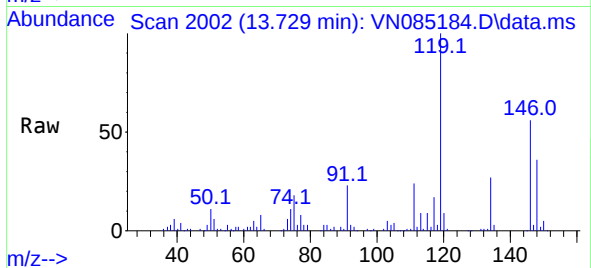
Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.6	65.0
148	63.1	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#88

1,4-Dichlorobenzene

Concen: 17.584 ug/l

RT: 13.811 min Scan# 2016

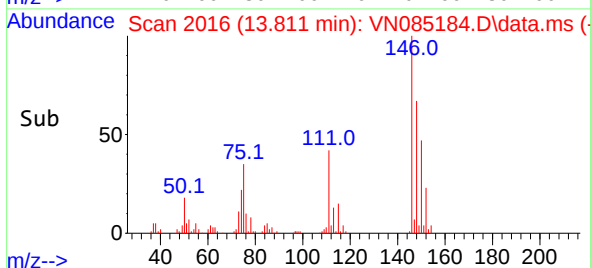
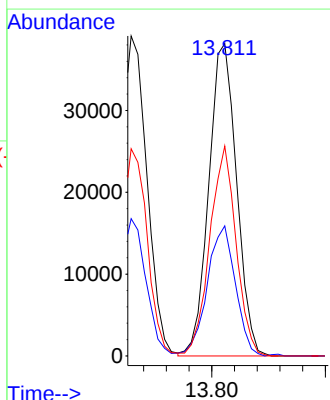
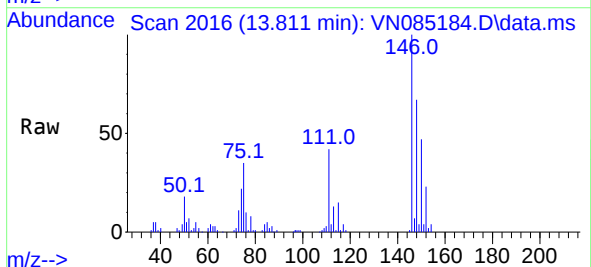
Delta R.T. -0.000 min

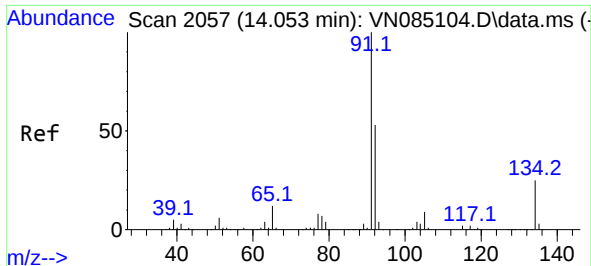
Lab File: VN085184.D

Acq: 12 Dec 2024 12:08

Tgt Ion:146 Resp: 65069

Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.9	62.8
148	63.3	31.3	93.9





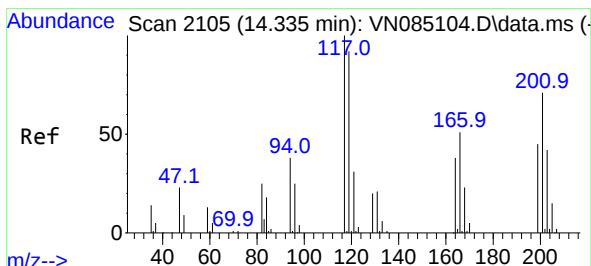
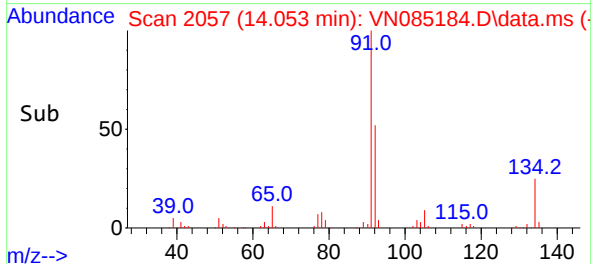
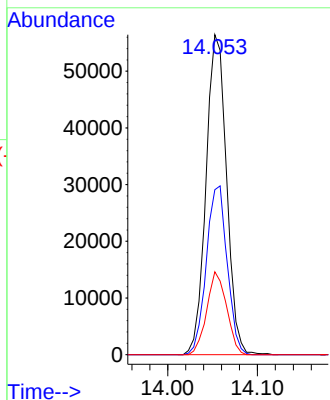
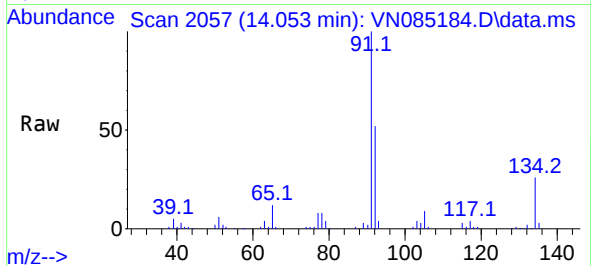
#89
n-Butylbenzene
Concen: 17.543 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01

Tgt Ion: 91 Resp: 89730
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.3
134 25.0 12.8 38.4

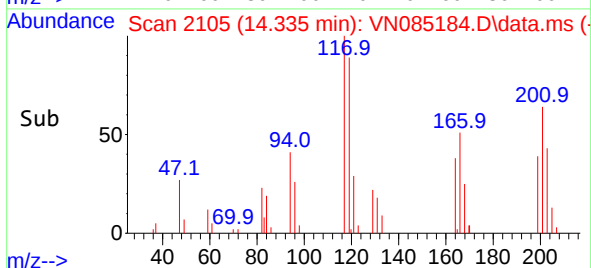
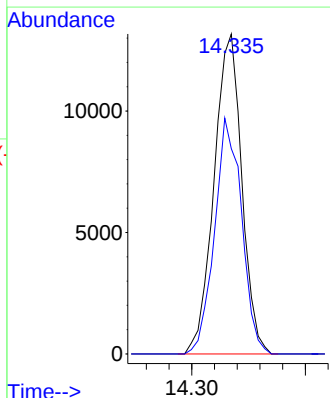
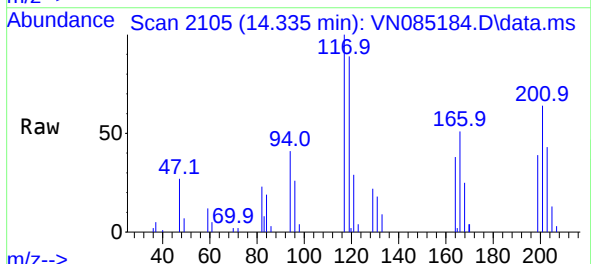
Manual Integrations
APPROVED

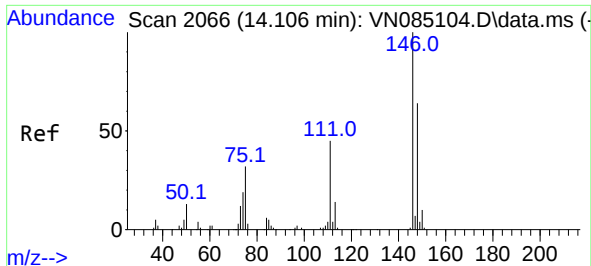
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#90
Hexachloroethane
Concen: 18.643 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Tgt Ion:117 Resp: 22352
Ion Ratio Lower Upper
117 100
201 71.6 35.2 105.6





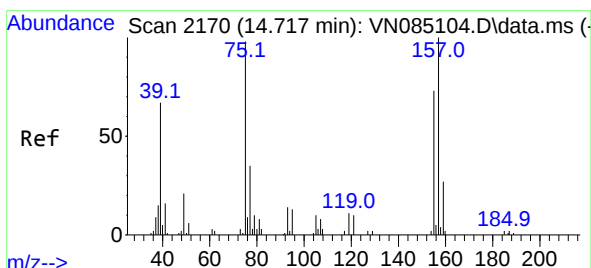
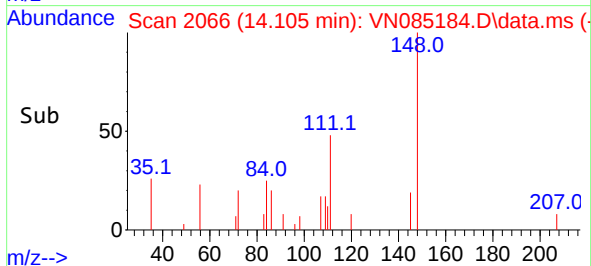
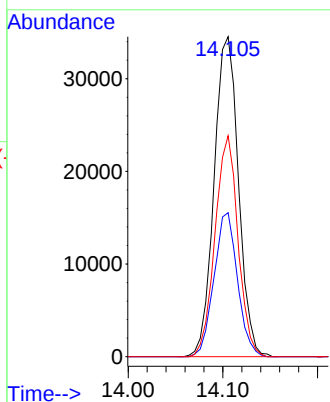
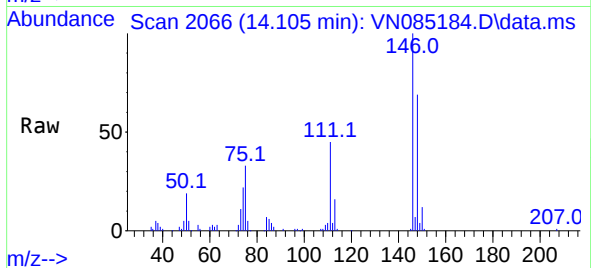
#91
1,2-Dichlorobenzene
Concen: 17.759 ug/l
RT: 14.105 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01

Tgt Ion:146 Resp: 61710
Ion Ratio Lower Upper
146 100
111 43.5 21.9 65.8
148 65.2 31.1 93.2

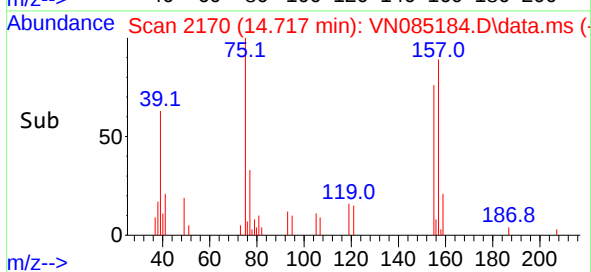
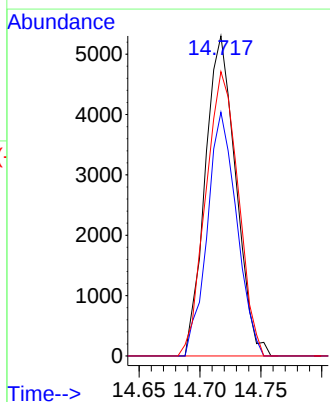
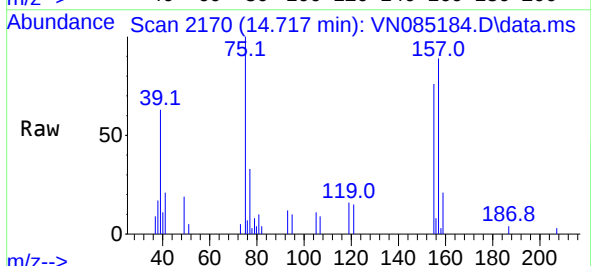
Manual Integrations
APPROVED

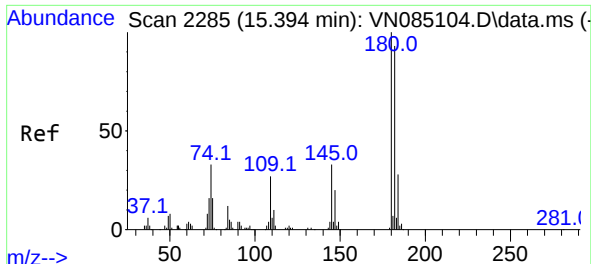
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.534 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

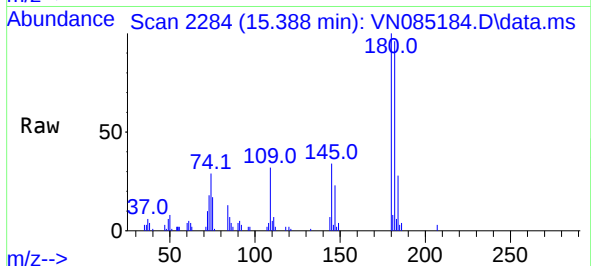
Tgt Ion: 75 Resp: 9263
Ion Ratio Lower Upper
75 100
155 73.2 38.9 116.7
157 94.4 48.3 144.9





#93
1,2,4-Trichlorobenzene
Concen: 16.410 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

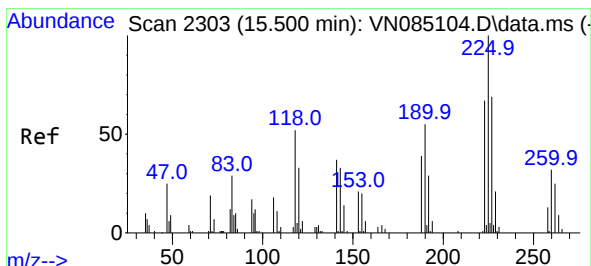
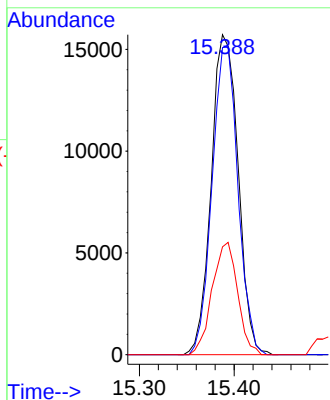
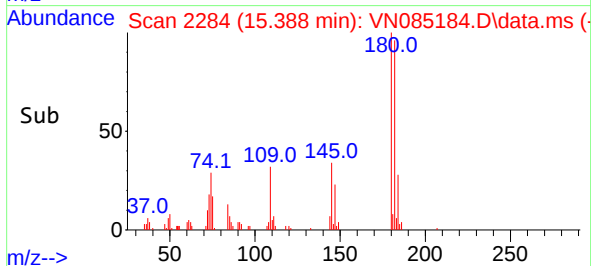
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01



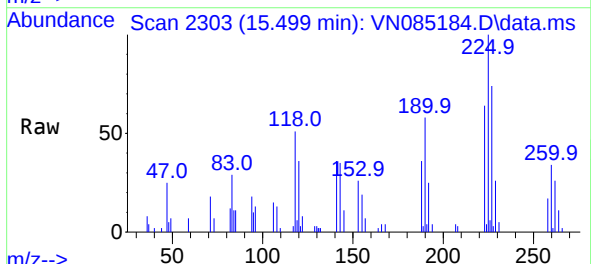
Tgt Ion:180 Resp: 30978
Ion Ratio Lower Upper
180 100
182 92.9 46.9 140.8
145 33.3 16.3 48.8

Manual Integrations
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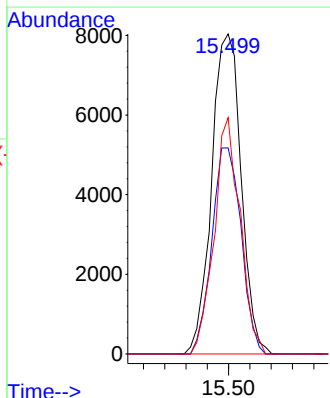
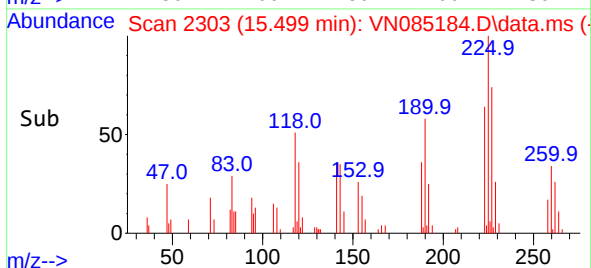
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

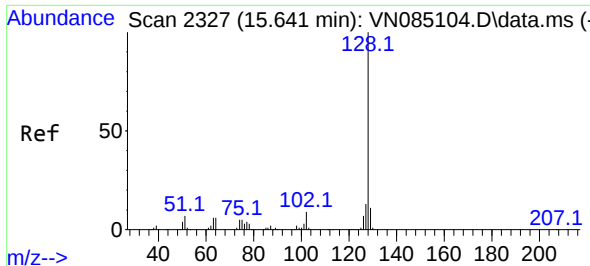


#94
Hexachlorobutadiene
Concen: 17.697 ug/l
RT: 15.499 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08



Tgt Ion:225 Resp: 15418
Ion Ratio Lower Upper
225 100
223 63.9 30.9 92.8
227 64.9 31.5 94.5





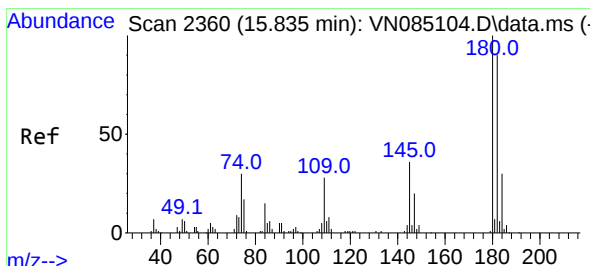
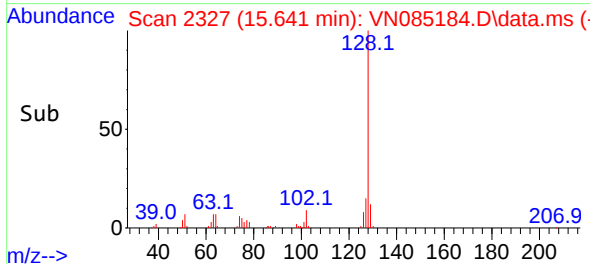
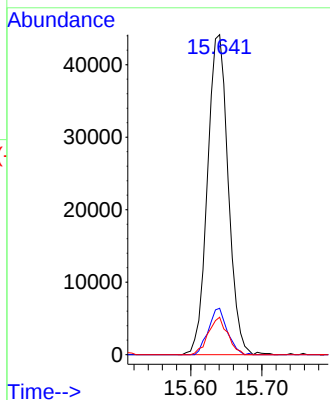
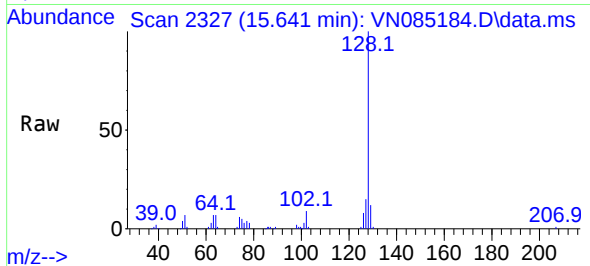
#95
Naphthalene
Concen: 16.643 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD01

Tgt Ion:128 Resp: 8948
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.434 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085184.D
Acq: 12 Dec 2024 12:08

Tgt Ion:180 Resp: 31403
Ion Ratio Lower Upper
180 100
182 95.1 46.4 139.2
145 32.9 17.3 52.0

